

PATTERSON & DEWAR ENGINEERS, INC.

Norcross, Georgia

PRIMARY ANALYSIS – ELECTRIC DISTRIBUTION

Output Legend

LINE SECT	Indicates substation, circuit or line section
+	Denotes adjacent line section and portion of distribution line is operating at the voltage level of 14.4/24.94 kV. All other lines are operating at the nominal voltage level of 12.5kV unless otherwise indicated.
PRIOR SECT	Denotes parent line or line section that feeds the line section indicated to the left.
MILES	Indicates the total accumulated distance from the substation or power source to the end of the line section at the far left.
CONS	Indicates the total number of consumers being served from the source end of the line section to the end of the circuit including all branches.
PHS	Number of primary phases
WIRE CONSTR-N	The conductor wire size or designation for line section or “NODE” section containing capacitor (CAP), or voltage regulator (REGU). Node line sections are used for substation circuit or feeder designations, and for locations of possible sectionalizing devices.

Output Legend (Continued)

MX 3P FAULT	Denotes maximum three-phase fault in amperes at the load end of the indicated line section or substation bus.
MX LLG FAULT	Denotes maximum phase to phase to ground (LLG) fault in amperes at the end of the indicated line section or substation bus. It is provided because typically LLF faults are the worst/maximum conditions at the substation bus.
MX LG FAULT	Denotes maximum phase to ground fault in amperes at the end of the indicated line section or substation bus.
MN LG FAULT	Denotes minimum phase to ground fault in amperes at the end of the indicated line section or substation bus assuming a 40 ohm high resistive (R) ground fault condition for overhead lines and 15 ohm resistance for underground lines, unless otherwise indicated.
TOTAL kW	Denotes the total calculated peak demand in kilowatts being served by and through the indicated substation, circuit or line section as the case may be.
EQUIV AMPS	Equivalent line amperes for total peak kilowatts shown for line section based on estimated power factor.
% CAP	Percent of conductor current loading in line section of its maximum published rating based on quoted ambient temperature and wind condition.
LINE DROP	Denotes the calculated voltage drop within the line section based on the total load down-line of the line section plus 50% of the load within the line section.
TOTAL DROP	Denotes the total accumulated voltage drop from the substation bus to the load-end of the line section and/or circuit.

Output Legend (Continued)

LINE LOSS Denotes the calculated primary line losses in dollars per year (\$/yr) for the line section indicated. The total losses for each circuit, substation and total system are also shown at the end of each location.

Power Factor Denotes the average power factor estimated for the load period and for the substation area during the system peak conditions.

Load Factor Indicates the calculated system annual load factor (ALF) for the calendar year that the consumer billing data was obtained. It was calculated from operating report data using the following equation:

$$ALF = (\text{Total kwh's purchased}) / (8760 \text{ hours per year})(\text{kW peak demand})$$

Loss Factor A number that is calculated using the annual load factor (ALF) per the following equation from RUS bulletins:

$$\text{Loss Factor} = 0.84(ALF)^2 + 0.16(ALF)$$

COST The calculated average cost per kilowatt-hour of energy based on the total annual power cost divided by the total kilowatt-hours (kwh's) purchased. Facility charges are also included where appropriate.

The POWER FACTOR, LOAD FACTOR, LOSS FACTOR and COST are listed at the bottom of each page printout.

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB	0 CHARTERS SUB		3002						13178					
CO20412+	CHARTERS SUB	0.00	3002 3-	750 MCM - 42 Wi	2534	2718	2727	354	13178	296	26	0.00	0.00	17
CO20413+	CO20412	0.01	3002 3-	750 MCM - 42 Wi	2532	2714	2723	354	13178	296	26	0.00	0.00	17
CO20417+	CO20413	0.01	709 3-	750 MCM - 42 Wi	2530	2712	2720	354	2794	62	5	0.00	0.00	0
Tollesboro ckt+	CO20417	0.01	709 3-	560 200WVE	2530	2712	2720	354	2794	62	11	0.00	0.00	0
CO20364+	Tollesboro ckt	0.20	709 3-	4/0ACSR	2465	2602	2610	352	2794	62	18	0.06	0.06	209
CO20365+	CO20364	0.29	707 3-	4/0ACSR	2432	2550	2555	352	2789	62	18	0.03	0.09	108
CO20240+	CO20365	0.50	704 3-	4/0ACSR	2364	2444	2444	351	2776	62	18	0.06	0.15	233
CO20227+	CO20240	0.67	704 3-	4/0ACSR	2312	2368	2362	349	2775	62	18	0.05	0.21	187
CO20370+	CO20227	0.81	1 1-	4ACSR	0	0	2266	346	6	0	0	0.00	0.21	0
OC-209400078+	CO20370	0.81	1 1-	15 N FUSE	0	0	2266	346	6	0	3	0.00	0.21	0
CO20371+	OC-209400078	0.93	1 1-	4ACSR	0	0	2189	344	6	0	0	0.00	0.21	0
CO20239+	CO20227	0.77	703 3-	4/0ACSR	2279	2322	2312	349	2768	62	18	0.03	0.24	118
CO20372+	CO20239	0.84	703 3-	4/0ACSR	2259	2294	2281	348	2767	62	18	0.02	0.26	75
CO20373+	CO20372	0.88	702 3-	4/0ACSR	2249	2279	2265	348	2765	62	18	0.01	0.27	40
CO20229+	CO20373	0.91	20 1-	4ACSR	0	0	2245	347	71	4	3	0.00	0.27	0
OC-2104839343+	CO20229	0.91	20 1-	15 N FUSE	0	0	2245	347	71	4	33	0.00	0.27	0
CO20374+	OC-2104839343	1.01	4 1-	4ACSR	0	0	2182	345	9	0	0	0.00	0.27	0
CO20375+	CO20374	1.05	2 1-	4ACSR	0	0	2158	344	3	0	0	0.00	0.27	0
CO20245+	CO20375	1.08	0 1-	4ACSR	0	0	2137	344	0	0	0	0.00	0.27	0
CO20376+	CO20375	1.08	2 1-	4ACSR	0	0	2139	344	3	0	0	0.00	0.27	0
CO20377+	CO20376	1.10	2 1-	4ACSR	0	0	2125	343	3	0	0	0.00	0.27	0
CO20230+	OC-2104839343	0.98	16 1-	4ACSR	0	0	2201	346	62	4	3	0.01	0.28	0
CO20426+	CO20230	0.98	14 1-	4ACSR	0	0	2197	346	61	4	3	0.00	0.28	0
OC613+	OC613	0.98	14 1-	10 N FUSE	0	0	2197	346	61	4	42	0.00	0.28	0
CO20427+	OC613	1.09	14 1-	4ACSR	0	0	2132	343	61	4	3	0.01	0.29	0
CO20238+	CO20427	1.16	13 1-	4ACSR	0	0	2090	342	51	3	3	0.01	0.30	0
CO20246+	CO20238	1.20	1 1-	4ACSR	0	0	2068	341	3	0	0	0.00	0.30	0
CO20379+	CO20238	1.23	12 1-	4ACSR	0	0	2047	340	48	3	2	0.01	0.30	0
CO20269+	CO20379	1.32	1 1-	2ACSR	0	0	2003	339	2	0	0	0.00	0.30	0
CO20380+	CO20379	1.26	10 1-	4ACSR	0	0	2030	340	38	2	2	0.00	0.30	0
CO20378+	CO20380	1.32	10 1-	4ACSR	0	0	1994	338	38	2	2	0.00	0.31	0
CO20381+	CO20378	1.35	10 1-	4ACSR	0	0	1978	338	38	2	2	0.00	0.31	0
CO20382+	CO20381	1.42	7 1-	4ACSR	0	0	1940	336	27	1	1	0.00	0.31	0
CO20383+	CO20382	1.47	4 1-	4ACSR	0	0	1913	335	15	0	1	0.00	0.31	0
CO20384+	CO20383	1.52	4 1-	4ACSR	0	0	1885	334	15	0	1	0.00	0.31	0
CO738062407+	CO20384	1.62	0 1-	2ACSR	0	0	1842	333	0	0	0	0.00	0.31	0
CO20385+	CO20384	1.59	1 1-	4ACSR	0	0	1847	333	8	0	0	0.00	0.31	0
CO20257+	CO20427	1.14	1 1-	4ACSR	0	0	2101	342	10	0	0	0.00	0.29	0
CO20248+	CO20230	1.02	0 1-	4ACSR	0	0	2175	345	0	0	0	0.00	0.28	0
CO20247+	CO20230	1.02	2 1-	4ACSR	0	0	2176	345	1	0	0	0.00	0.28	0
CO20228+	CO20373	1.10	682 3-	4/0ACSR	2186	2195	2171	347	2694	60	18	0.07	0.33	234
CO20249+	CO20228	1.21	1 1-	4/0ACSR	0	0	2126	346	7	0	0	0.00	0.34	0
OC-1502923152+	CO20249	1.21	0 1-	15 N FUSE	0	0	2126	346	0	0	0	0.00	0.34	0
CO20386+	CO20228	1.15	681 3-	4/0ACSR	2171	2175	2149	346	2686	60	18	0.02	0.35	56
CO20387+	CO20386	1.19	681 3-	4/0ACSR	2160	2160	2132	346	2686	60	18	0.01	0.36	45
CO20388+	CO20387	1.27	681 3-	4/0ACSR	2139	2133	2102	346	2686	60	18	0.02	0.39	81
CO20389+	CO20388	1.41	681 3-	4/0ACSR	2101	2085	2048	345	2686	60	18	0.04	0.43	152
CO20231+	CO20389	1.50	680 3-	4/0ACSR	2078	2057	2015	344	2681	60	18	0.03	0.46	94
CO20390+	CO20231	1.54	2 1-	4/0ACSR	0	0	2002	344	9	0	0	0.00	0.46	0
OC-1852861877+	CO20390	1.54	1 1-	15 N FUSE	0	0	2002	344	8	0	4	0.00	0.46	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20391+	OC-1852861877	1.67	1 1-	4/0ACSR	0	0	1957	343	8	0	0	0.00	0.46	0
CO20392+	CO20391	1.71	0 1-	4/0ACSR	0	0	1946	343	0	0	0	0.00	0.46	0
CO20232+	CO20231	1.60	678 3-	4/0ACSR	2054	2028	1982	344	2671	60	18	0.03	0.48	99
CO20251+	CO20232	1.67	1 1-	4/0ACSR	0	0	1960	343	5	0	0	0.00	0.48	0
OC-2025263807+	CO20251	1.67	0 1-	15 N FUSE	0	0	1960	343	0	0	0	0.00	0.48	0
CO20233+	CO20232	1.71	677 3-	4/0ACSR	2026	1994	1944	343	2665	60	18	0.03	0.52	118
CO20428+	CO20233	1.72	4 1-	4ACSR	0	0	1940	343	17	1	1	0.00	0.52	0
OC614+	CO20428	1.72	4 1-	10 N FUSE	0	0	1940	343	17	1	12	0.00	0.52	0
CO20429+	OC614	1.76	4 1-	4ACSR	0	0	1920	342	17	1	1	0.00	0.52	0
CO20395+	CO20429	1.78	2 1-	4ACSR	0	0	1911	341	10	0	1	0.00	0.52	0
CO20396+	CO20395	1.98	0 1-	4ACSR	0	0	1817	337	0	0	0	0.00	0.52	0
CO20397+	CO20396	2.05	0 1-	4ACSR	0	0	1784	336	0	0	0	0.00	0.52	0
CO20398+	CO20397	2.10	0 1-	4ACSR	0	0	1761	335	0	0	0	0.00	0.52	0
CO23709+	CO20398	2.36	0 1-	4ACSR	0	0	1646	329	0	0	0	0.00	0.52	0
CO20394+	CO20429	1.82	1 1-	2ACSR	0	0	1896	341	6	0	0	0.00	0.52	0
CO20393+	CO20429	1.79	0 1-	2ACSR	0	0	1907	341	0	0	0	0.00	0.52	0
CO20271+	CO20429	1.85	0 1-	2ACSR	0	0	1880	340	0	0	0	0.00	0.52	0
CO20234+	CO20233	1.86	673 3-	4/0ACSR	1990	1951	1895	342	2648	59	18	0.04	0.56	155
CO20399+	CO20234	1.88	673 3-	4/0ACSR	1986	1945	1888	342	2647	59	18	0.01	0.57	20
CO20270+	CO20399	1.93	4 1-	2ACSR	0	0	1869	341	12	0	0	0.00	0.57	0
OC-1228369269+	CO20270	1.93	0 1-	15 N FUSE	0	0	1869	341	0	0	0	0.00	0.57	0
CO20400+	CO20399	2.05	669 3-	4/0ACSR	1947	1900	1836	341	2636	59	17	0.05	0.62	172
CO20401+	CO20400	2.11	667 3-	4/0ACSR	1934	1885	1820	340	2634	59	17	0.02	0.63	58
CO20402+	CO20401	2.14	667 3-	4/0ACSR	1929	1879	1812	340	2633	59	17	0.01	0.64	26
CO20430+	CO20402	2.14	0 1-	4/0ACSR	0	0	1810	340	0	0	0	0.00	0.64	0
OC615+	CO20430	2.14	0 1-	10 N FUSE	0	0	1810	340	0	0	0	0.00	0.64	0
CO20235+	CO20402	2.20	660 3-	4/0ACSR	1914	1862	1793	340	2597	58	17	0.02	0.66	65
CO30540+	CO20235	2.28	657 3-	4/0ACSR	1897	1842	1770	339	2577	58	17	0.02	0.68	79
CO20408+	CO30540	2.38	2 1-	4/0ACSR	0	0	1745	339	12	0	0	0.00	0.68	0
OC-1931761683+	CO20408	2.38	1 1-	15 N FUSE	0	0	1745	339	4	0	2	0.00	0.68	0
CO20409+	OC-1931761683	2.39	1 1-	4/0ACSR	0	0	1743	339	4	0	0	0.00	0.68	0
CO20236+	CO30540	2.40	655 3-	4/0ACSR	1873	1815	1739	339	2565	57	17	0.03	0.71	109
CO20411+	CO20236	2.42	2 1-	4/0ACSR	0	0	1735	339	20	1	0	0.00	0.71	0
OC-388389529+	CO20411	2.42	2 1-	15 N FUSE	0	0	1735	339	20	1	9	0.00	0.71	0
CO23708+	OC-388389529	2.53	1 1-	4/0ACSR	0	0	1705	338	14	0	0	0.00	0.71	0
CO23707+	OC-388389529	2.59	1 1-	4/0ACSR	0	0	1691	337	6	0	0	0.00	0.71	0
CO20410+	CO20236	2.47	653 3-	4/0ACSR	1857	1798	1719	338	2544	57	17	0.02	0.73	72
CO23706+	CO20410	2.59	653 3-	4/0ACSR	1834	1770	1690	337	2544	57	17	0.03	0.77	107
CO20827+	CO23706	2.66	653 3-	4/0ACSR	1819	1754	1671	337	2544	57	17	0.02	0.79	72
CO20866+	CO20827	2.79	4 1-	4/0ACSR	0	0	1641	336	15	1	0	0.00	0.79	0
OC1123540003+	CO20866	2.79	1 1-	15 N FUSE	0	0	1641	336	8	0	4	0.00	0.79	0
CO20865+	OC1123540003	2.90	1 1-	4/0ACSR	0	0	1615	335	8	0	0	0.00	0.79	0
CO20839+	CO20827	2.82	649 3-	4/0ACSR	1788	1721	1632	336	2528	57	17	0.04	0.83	151
CO20838+	CO20839	2.92	649 3-	4/0ACSR	1771	1702	1611	335	2527	57	17	0.03	0.86	86
CO20841+	CO20838	3.02	648 3-	4/0ACSR	1753	1682	1588	335	2518	56	17	0.03	0.88	92
CO20840+	CO20841	3.08	648 3-	4/0ACSR	1741	1670	1575	334	2517	56	17	0.02	0.90	56
CO20828+	CO20840	3.21	646 3-	4/0ACSR	1718	1646	1546	334	2511	56	17	0.04	0.94	121
CO20829+	CO20828	3.26	397 3-	1/0ACSR	1707	1634	1533	333	1346	29	13	0.01	0.95	27
CO22629+	CO20829	3.28	397 3-	1/0ACSR	1702	1628	1527	333	1345	29	13	0.01	0.95	13
CO22630+	CO22629	3.36	397 3-	1/0ACSR	1686	1612	1508	332	1345	29	13	0.02	0.97	39
CO22628+	CO22630	3.38	396 3-	1/0ACSR	1683	1608	1504	332	1343	29	13	0.00	0.98	10
CO22582+	CO22628	3.42	1 1-	1/0ACSR	0	0	1495	331	3	0	0	0.00	0.98	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC2134884994+	CO22582	3.42	0 1-	15 N FUSE	0	0	1495	331	0	0	0	0.00	0.98	0
CO22560+	CO22628	3.47	393 3-	1/0ACSR	1663	1587	1481	331	1323	29	13	0.02	1.00	47
CO22583+	CO22560	3.53	2 1-	1/0ACSR	0	0	1468	330	12	0	0	0.00	1.00	0
OC1467439709+	CO22583	3.53	0 1-	15 N FUSE	0	0	1468	330	0	0	0	0.00	1.00	0
CO22735+	CO22560	3.48	390 3-	1/0ACSR	1662	1586	1480	331	1297	28	13	0.00	1.00	3
OC693+	CO22735	3.48	390 3-	100 E OCR	1662	1586	1480	331	1297	28	29	0.00	1.00	0
CO22736+	OC693	3.53	390 3-	1/0ACSR	1651	1575	1467	330	1297	28	13	0.01	1.01	25
CO22627+	CO22736	3.57	388 3-	1/0ACSR	1644	1567	1459	330	1287	28	12	0.01	1.02	16
CO22625+	CO22627	3.71	386 3-	1/0ACSR	1617	1540	1427	328	1274	28	12	0.03	1.05	65
CO22626+	CO22625	3.75	386 3-	1/0ACSR	1610	1532	1419	328	1274	28	12	0.01	1.06	18
CO22621+	CO22626	3.81	380 3-	1/0ACSR	1597	1520	1405	327	1252	27	12	0.01	1.07	29
CO22622+	CO22621	4.25	380 3-	1/0ACSR	1518	1440	1317	323	1252	27	12	0.09	1.17	195
CO22620+	CO22622	4.50	379 3-	1/0ACSR	1475	1397	1270	321	1251	27	12	0.05	1.22	113
CO22733+	CO22620	4.51	2 1-	4ACSR	0	0	1268	320	1	0	0	0.00	1.22	0
OC686+	CO22733	4.51	2 1-	10 N FUSE	0	0	1268	320	1	0	0	0.00	1.22	0
CO22734+	OC686	4.66	2 1-	4ACSR	0	0	1233	318	1	0	0	0.00	1.22	0
CO22619+	CO22734	5.05	1 1-	4ACSR	0	0	1145	310	0	0	0	0.00	1.22	0
CO22618+	CO22619	5.12	1 1-	4ACSR	0	0	1130	309	0	0	0	0.00	1.22	0
CO22617+	CO22618	5.29	0 1-	4ACSR	0	0	1097	306	0	0	0	0.00	1.22	0
CO22585+	CO22620	4.86	1 1-	4ACSR	0	0	1186	314	0	0	0	0.00	1.22	0
CO22615+	CO22620	4.56	376 3-	1/0ACSR	1466	1388	1260	320	1250	27	12	0.01	1.24	26
CO22616+	CO22615	4.69	376 3-	1/0ACSR	1444	1367	1237	319	1250	27	12	0.03	1.26	59
CO22614+	CO22616	4.90	375 3-	1/0ACSR	1411	1335	1202	317	1247	27	12	0.05	1.31	94
CO22610+	CO22614	4.94	5 1-	1/0ACSR	0	0	1197	316	17	1	1	0.00	1.31	0
CO22612+	CO22610	5.01	3 1-	4ACSR	0	0	1181	315	9	0	0	0.00	1.31	0
CO22613+	CO22612	5.10	1 1-	4ACSR	0	0	1161	313	1	0	0	0.00	1.31	0
CO22611+	CO22610	5.00	2 1-	1/0ACSR	0	0	1187	316	8	0	0	0.00	1.31	0
CO22608+	CO22614	5.04	370 3-	1/0ACSR	1392	1315	1181	315	1229	27	12	0.03	1.34	57
CO22609+	CO22608	5.08	370 3-	1/0ACSR	1385	1309	1174	315	1229	27	12	0.01	1.35	18
CO22601+	CO22609	5.34	365 3-	1/0ACSR	1347	1272	1135	313	1219	27	12	0.06	1.40	112
CO23689+	CO22601	5.87	365 3-	1/0ACSR	1276	1204	1063	308	1219	27	12	0.11	1.51	225
CO22897+	CO23689	5.95	207 3-	1/0ACSR	1267	1195	1053	307	726	16	7	0.01	1.52	12
CO22931+	CO22897	6.04	1 1-	1/0ACSR	0	0	1043	306	4	0	0	0.00	1.52	0
CO22900+	CO22897	6.18	206 3-	1/0ACSR	1238	1168	1025	305	722	16	7	0.02	1.54	35
CO22935+	CO22900	6.22	1 1-	1/0ACSR	0	0	1021	305	12	0	0	0.00	1.54	0
CO23026+	CO22900	6.23	205 3-	1/0ACSR	1233	1163	1020	304	710	15	7	0.00	1.55	6
CO23027+	CO23026	6.32	205 3-	1/0ACSR	1221	1152	1009	304	710	15	7	0.01	1.56	14
CO22901+	CO23027	6.35	144 1-	4ACSR	0	0	1005	303	468	33	24	0.02	1.58	15
CO22902+	CO22901	6.54	144 1-	4ACSR	0	0	975	300	468	33	24	0.15	1.72	110
CO22937+	CO22902	6.63	0 1-	4ACSR	0	0	960	298	0	0	0	0.00	1.72	0
CO22951+	CO22937	6.68	0 1-	4ACSR	0	0	953	297	0	0	0	0.00	1.72	0
CO22906+	CO22902	6.60	144 1-	4ACSR	0	0	965	299	468	33	24	0.05	1.77	36
CO23096+	CO22906	6.60	144 1-	4ACSR	0	0	964	299	468	33	24	0.01	1.78	4
OC702+	CO23096	6.60	144 1-	50 E OCR	0	0	964	299	468	33	66	0.00	1.78	0
XFMR57	OC702	6.60	144 1-	333 KVA 1PH AUT	0	0	831	170	468	33	143	1.70	3.47	0
CO23097	XFMR57	6.71	144 1-	4ACSR	0	0	812	169	468	66	47	0.32	3.80	248
CO23034	CO23097	6.77	1 1-	4ACSR	0	0	802	168	3	0	0	0.00	3.80	0
CO23035	CO23034	6.92	1 1-	4ACSR	0	0	776	166	3	0	0	0.00	3.80	0
CO22948	CO23035	6.96	1 1-	4ACSR	0	0	769	166	3	0	0	0.00	3.80	0
CO22947	CO23035	6.96	0 1-	4ACSR	0	0	769	166	0	0	0	0.00	3.80	0
CO23001	CO23097	6.78	142 1-	4ACSR	0	0	799	168	463	65	47	0.22	4.02	169
CO23002	CO23001	6.89	141 1-	4ACSR	0	0	780	167	462	65	47	0.34	4.36	257

Substation Power Factor: 0.98

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23000	CO23002	6.99	140 1-	4ACSR	0	0	764	166	459	65	47	0.28	4.65	214
CO22903	CO23000	7.09	138 1-	4ACSR	0	0	747	165	456	65	46	0.31	4.95	232
CO23083	CO22903	7.26	137 1-	4ACSR	0	0	720	163	452	64	46	0.50	5.46	375
CO23084	CO23083	7.36	135 1-	4ACSR	0	0	705	162	444	63	46	0.29	5.75	215
CO22941	CO23084	7.41	1 1-	4ACSR	0	0	698	161	2	0	0	0.00	5.75	0
CO22904	CO23084	7.47	133 1-	4ACSR	0	0	687	161	440	63	45	0.35	6.10	254
CO22908	CO22904	7.57	7 1-	4ACSR	0	0	674	160	34	4	4	0.02	6.12	0
CO23091	CO22908	7.58	7 1-	4ACSR	0	0	673	160	34	4	4	0.00	6.12	0
OC699	CO23091	7.58	7 1-	25 H OCR	0	0	673	160	34	4	20	0.00	6.12	0
CO23092	OC699	7.76	7 1-	4ACSR	0	0	648	158	34	4	4	0.04	6.16	2
CO23064	CO23092	8.16	6 1-	4ACSR	0	0	596	154	32	4	3	0.09	6.25	5
CO22943	CO23064	8.31	0 1-	4ACSR	0	0	579	153	0	0	0	0.00	6.25	0
CO23059	CO23064	8.35	6 1-	4ACSR	0	0	575	153	32	4	3	0.04	6.29	0
CO23060	CO23059	8.36	6 1-	4ACSR	0	0	573	152	32	4	3	0.00	6.29	0
CO23061	CO23060	8.47	5 1-	4ACSR	0	0	561	151	20	2	2	0.01	6.30	0
CO23062	CO23061	8.55	5 1-	4ACSR	0	0	552	151	20	2	2	0.01	6.32	0
CO23669	CO23062	8.90	4 1-	4ACSR	0	0	517	148	6	0	1	0.01	6.33	0
CO23390	CO23669	8.93	0 1-	4ACSR	0	0	515	148	0	0	0	0.00	6.33	0
CO23418	CO23669	8.94	4 1-	4ACSR	0	0	514	147	6	0	1	0.00	6.33	0
CO23419	CO23418	9.08	4 1-	4ACSR	0	0	501	146	6	0	1	0.01	6.34	0
CO23420	CO23419	9.19	4 1-	4ACSR	0	0	491	145	6	0	1	0.00	6.34	0
CO23421	CO23420	9.41	1 1-	4ACSR	0	0	473	144	2	0	0	0.00	6.34	0
CO23670	CO23421	9.71	0 1-	4ACSR	0	0	450	141	0	0	0	0.00	6.34	0
CO23045	CO23670	9.80	0 1-	4ACSR	0	0	443	141	0	0	0	0.00	6.34	0
CO23046	CO23045	10.01	0 1-	4ACSR	0	0	429	139	0	0	0	0.00	6.34	0
CO23033	CO23670	9.86	0 1-	4ACSR	0	0	439	140	0	0	0	0.00	6.34	0
CO23671	CO23033	9.98	0 1-	4ACSR	0	0	431	139	0	0	0	0.00	6.34	0
CO23422	CO23671	10.04	0 1-	4ACSR	0	0	427	139	0	0	0	0.00	6.34	0
CO23423	CO23422	10.12	0 1-	4ACSR	0	0	422	138	0	0	0	0.00	6.34	0
CO23391	CO23420	9.25	1 1-	4ACSR	0	0	486	145	1	0	0	0.00	6.34	0
CO23395	CO23420	9.21	1 1-	4ACSR	0	0	490	145	3	0	0	0.00	6.34	0
CO22945	CO23062	8.61	1 1-	4ACSR	0	0	546	150	13	1	1	0.00	6.32	0
CO22944	CO22908	7.61	0 1-	4ACSR	0	0	668	159	0	0	0	0.00	6.12	0
CO22907	CO22904	7.59	2 1-	4ACSR	0	0	671	160	3	0	0	0.00	6.10	0
CO22942	CO22907	7.64	1 1-	4ACSR	0	0	664	159	0	0	0	0.00	6.10	0
CO23044	CO22907	7.70	1 1-	4ACSR	0	0	655	158	3	0	0	0.00	6.10	0
CO23099	CO23044	7.81	1 1-	4ACSR	0	0	640	157	3	0	0	0.00	6.10	0
CO23057	CO22904	7.63	124 1-	4ACSR	0	0	665	159	401	57	41	0.42	6.52	283
CO23058	CO23057	7.75	124 1-	4ACSR	0	0	649	158	400	57	41	0.31	6.83	204
CO22999	CO23058	7.86	123 1-	4ACSR	0	0	634	157	397	57	41	0.31	7.13	203
CO23100	CO22999	7.87	37 1-	4ACSR	0	0	633	157	127	18	13	0.01	7.14	0
OC700	CO23100	7.87	37 1-	25 H OCR	0	0	633	157	127	18	74	0.00	7.14	0
CO23093	OC700	7.97	1 1-	4ACSR	0	0	620	156	14	1	1	0.00	7.14	0
CO23098	OC700	8.28	36 1-	4ACSR	0	0	582	153	114	16	12	0.30	7.44	56
CO22920	CO23098	8.38	1 1-	4ACSR	0	0	571	152	5	0	1	0.00	7.44	0
CO22965	CO23098	8.36	34 1-	4ACSR	0	0	573	152	96	14	10	0.05	7.49	8
CO22966	CO22965	8.39	34 1-	4ACSR	0	0	570	152	96	14	10	0.02	7.51	3
CO23071	CO22966	8.44	1 1-	4ACSR	0	0	564	152	7	1	1	0.00	7.51	0
CO23072	CO23071	8.47	0 1-	4ACSR	0	0	561	151	0	0	0	0.00	7.51	0
CO23037	CO23072	8.49	0 1-	4ACSR	0	0	558	151	0	0	0	0.00	7.51	0
CO22895	CO22966	8.47	32 1-	4ACSR	0	0	561	151	89	12	9	0.05	7.56	7
CO22977	CO22895	8.51	28 1-	4ACSR	0	0	557	151	80	11	8	0.02	7.58	2

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23069	CO22977	8.63	27 1-	4ACSR	0	0	544	150	79	11	8	0.07	7.65	9
CO23070	CO23069	8.89	26 1-	4ACSR	0	0	519	148	79	11	8	0.14	7.78	18
CO22886	CO23070	9.05	25 1-	4ACSR	0	0	504	146	79	11	8	0.09	7.87	12
CO22912	CO22886	9.13	1 1-	4ACSR	0	0	497	146	5	0	0	0.00	7.87	0
CO22888	CO22886	9.33	24 1-	4ACSR	0	0	480	144	74	10	8	0.14	8.01	17
CO22887	CO22888	9.67	24 1-	4ACSR	0	0	453	142	74	10	8	0.17	8.18	21
CO22989	CO22887	9.73	23 1-	4ACSR	0	0	448	141	72	10	8	0.03	8.21	4
CO22990	CO22989	9.86	22 1-	4ACSR	0	0	439	140	64	9	7	0.05	8.26	6
CO22889	CO22990	9.99	2 1-	4ACSR	0	0	430	139	8	1	1	0.01	8.27	0
CO22915	CO22889	10.09	1 1-	4ACSR	0	0	424	138	2	0	0	0.00	8.27	0
CO22914	CO22889	10.16	1 1-	4ACSR	0	0	419	138	6	0	1	0.00	8.27	0
CO22959	CO22990	9.99	20 1-	4ACSR	0	0	430	139	56	8	6	0.04	8.31	4
CO23067	CO22959	10.13	17 1-	4ACSR	0	0	421	138	37	5	4	0.03	8.34	0
CO23068	CO23067	10.26	15 1-	4ACSR	0	0	413	137	33	4	3	0.03	8.37	0
CO-44028702	CO23068	10.31	15 1-	4ACSR	0	0	409	137	33	4	3	0.01	8.38	0
CO1368036759	CO-44028702	10.45	14 1-	4ACSR	0	0	401	136	29	4	3	0.03	8.41	0
CO22963	CO1368036759	10.57	13 1-	4ACSR	0	0	394	135	29	4	3	0.02	8.43	0
CO22964	CO22963	10.60	13 1-	4ACSR	0	0	392	135	29	4	3	0.00	8.44	0
CO22975	CO22964	10.91	12 1-	4ACSR	0	0	375	133	24	3	3	0.04	8.48	0
CO22976	CO22975	10.95	10 1-	4ACSR	0	0	373	132	17	2	2	0.00	8.48	0
CO22974	CO22976	11.03	6 1-	4ACSR	0	0	369	132	12	1	1	0.01	8.49	0
CO22973	CO22974	11.06	4 1-	4ACSR	0	0	367	132	10	1	1	0.00	8.49	0
CO22970	CO22973	11.10	4 1-	4ACSR	0	0	365	131	10	1	1	0.00	8.49	0
CO23679	CO22970	11.15	1 1-	4ACSR	0	0	363	131	3	0	0	0.00	8.49	0
CO23038	CO22970	11.15	3 1-	4ACSR	0	0	363	131	8	1	1	0.00	8.50	0
CO23073	CO23038	11.16	3 1-	4ACSR	0	0	362	131	8	1	1	0.00	8.50	0
CO23074	CO23073	11.18	2 1-	4ACSR	0	0	361	131	5	0	0	0.00	8.50	0
CO22916	CO1368036759	10.48	1 1-	4ACSR	0	0	399	136	0	0	0	0.00	8.41	0
CO1329563639	CO-44028702	10.60	1 1-	4ACSR	0	0	392	135	4	0	0	0.01	8.39	0
CO-1886072905	CO1329563639	10.82	1 1-	4ACSR	0	0	380	133	4	0	0	0.01	8.39	0
CO22919	CO-1886072905	10.85	1 1-	4ACSR	0	0	378	133	4	0	0	0.00	8.39	0
CO22918	CO-1886072905	11.09	0 1-	4ACSR	0	0	366	131	0	0	0	0.00	8.39	0
CO22917	CO-1886072905	10.88	0 1-	4ACSR	0	0	377	133	0	0	0	0.00	8.39	0
CO-18456230	CO1329563639	10.66	0 1-	2ACSR	0	0	389	134	0	0	0	0.00	8.39	0
CO23021	CO22888	9.65	0 1-	4ACSR	0	0	454	142	0	0	0	0.00	8.01	0
CO22962	CO23021	9.78	0 1-	4ACSR	0	0	445	141	0	0	0	0.00	8.01	0
CO22911	CO23070	9.23	0 1-	4ACSR	0	0	488	145	0	0	0	0.00	7.78	0
CO22971	CO22895	8.54	3 1-	2ACSR	0	0	555	151	6	0	1	0.00	7.56	0
CO23055	CO22971	8.63	2 1-	2ACSR	0	0	548	150	6	0	0	0.00	7.57	0
CO1944885174	CO23055	8.68	1 1-	2ACSR	0	0	543	150	5	0	0	0.00	7.57	0
CO23056	CO23055	8.67	1 1-	2ACSR	0	0	544	150	1	0	0	0.00	7.57	0
CO22928	CO22895	8.56	1 1-	4ACSR	0	0	552	151	2	0	0	0.00	7.56	0
CO22946	CO22999	7.91	1 1-	4ACSR	0	0	627	156	7	0	1	0.00	7.13	0
CO22905	CO22999	8.00	85 1-	4ACSR	0	0	616	156	262	38	27	0.25	7.38	108
CO22996	CO22905	8.13	82 1-	4ACSR	0	0	600	154	252	36	26	0.23	7.61	96
CO22997	CO22996	8.17	81 1-	4ACSR	0	0	595	154	249	36	26	0.06	7.67	27
CO23011	CO22997	8.25	0 1-	4ACSR	0	0	586	153	0	0	0	0.00	7.67	0
CO23012	CO23011	8.28	0 1-	4ACSR	0	0	582	153	0	0	0	0.00	7.67	0
CO22998	CO22997	8.28	81 1-	4ACSR	0	0	582	153	249	36	26	0.19	7.86	78
CO-1732276749	CO22998	8.32	79 1-	2ACSR	0	0	579	153	243	35	20	0.04	7.90	16
CO-1176421735	CO-1732276749	8.43	1 1-	2ACSR	0	0	569	152	8	1	1	0.00	7.90	0
CO1214509215	CO-1732276749	8.54	78 1-	2ACSR	0	0	559	152	235	34	19	0.25	8.15	92

Substation Power Factor: 0.98

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO168099290	CO1214509215	8.64	1 1-	2ACSR	0	0	550	151	2	0	0	0.00	8.15	0
CO194859253	CO168099290	8.75	1 1-	2ACSR	0	0	541	150	2	0	0	0.00	8.15	0
CO784457646	CO1214509215	8.70	77 1-	2ACSR	0	0	545	151	232	34	19	0.18	8.33	68
CO23424	CO784457646	8.83	77 1-	4ACSR	0	0	532	149	232	34	24	0.21	8.54	82
CO23462	CO23424	8.87	77 1-	4ACSR	0	0	528	149	231	34	24	0.07	8.60	26
CO23463	CO23462	8.96	76 1-	4ACSR	0	0	520	148	231	34	24	0.14	8.74	54
CO23493	CO23463	8.97	8 1-	4ACSR	0	0	519	148	19	2	2	0.00	8.74	0
OC709	CO23493	8.97	8 1-	25 H OCR	0	0	519	148	19	2	11	0.00	8.74	0
CO23494	OC709	9.11	8 1-	4ACSR	0	0	506	147	19	2	2	0.02	8.76	0
CO23461	CO23494	9.15	7 1-	4ACSR	0	0	502	147	19	2	2	0.01	8.77	0
CO23426	CO23461	9.53	7 1-	4ACSR	0	0	471	144	19	2	2	0.04	8.81	0
CO23383	CO23426	9.78	6 1-	4ACSR	0	0	451	142	13	1	1	0.02	8.83	0
CO23384	CO23383	9.95	6 1-	4ACSR	0	0	439	140	13	1	1	0.02	8.85	0
CO23441	CO23384	10.04	0 1-	4ACSR	0	0	433	140	0	0	0	0.00	8.85	0
CO23442	CO23441	10.11	0 1-	4ACSR	0	0	428	139	0	0	0	0.00	8.85	0
CO23385	CO23384	10.08	6 1-	4ACSR	0	0	430	139	13	1	1	0.01	8.86	0
CO23490	CO23385	10.35	6 1-	4ACSR	0	0	413	137	13	1	1	0.02	8.88	0
CO23399	CO23490	11.25	2 1-	4ACSR	0	0	362	131	2	0	0	0.01	8.89	0
CO23400	CO23399	11.35	0 1-	4ACSR	0	0	357	130	0	0	0	0.00	8.89	0
CO23377	CO23400	11.44	0 1-	4ACSR	0	0	353	130	0	0	0	0.00	8.89	0
CO23434	CO23377	11.45	0 1-	4ACSR	0	0	353	130	0	0	0	0.00	8.89	0
CO23435	CO23434	11.50	0 1-	4ACSR	0	0	351	130	0	0	0	0.00	8.89	0
CO23401	CO23377	11.64	0 1-	4ACSR	0	0	344	129	0	0	0	0.00	8.89	0
CO23402	CO23401	11.93	0 1-	4ACSR	0	0	331	127	0	0	0	0.00	8.89	0
CO23403	CO23402	12.10	0 1-	4ACSR	0	0	324	126	0	0	0	0.00	8.89	0
CO23660	CO23400	12.02	0 1-	4ACSR	0	0	328	126	0	0	0	0.00	8.89	0
CO23613	CO23660	12.10	0 1-	4ACSR	0	0	325	126	0	0	0	0.00	8.89	0
CO23375	CO23490	10.44	3 1-	4ACSR	0	0	407	137	11	1	1	0.01	8.89	0
CO23376	CO23375	10.67	3 1-	4ACSR	0	0	393	135	11	1	1	0.02	8.90	0
CO23398	CO23376	10.84	3 1-	4ACSR	0	0	384	134	11	1	1	0.01	8.92	0
CO23469	CO23398	11.05	2 1-	4ACSR	0	0	372	132	7	1	1	0.01	8.93	0
CO23470	CO23469	11.11	1 1-	4ACSR	0	0	369	132	7	1	1	0.00	8.93	0
CO23389	CO23376	10.73	0 1-	4ACSR	0	0	390	135	0	0	0	0.00	8.90	0
CO23388	CO23375	10.50	0 1-	4ACSR	0	0	403	136	0	0	0	0.00	8.89	0
CO23393	CO23385	10.18	0 1-	4ACSR	0	0	424	139	0	0	0	0.00	8.86	0
CO23439	CO23383	9.84	0 1-	4ACSR	0	0	447	141	0	0	0	0.00	8.83	0
CO23440	CO23439	9.96	0 1-	4ACSR	0	0	438	140	0	0	0	0.00	8.83	0
CO23498	CO23426	9.76	0 1-	4ACSR	0	0	453	142	0	0	0	0.00	8.81	0
CO23468	CO23498	9.92	0 1-	4ACSR	0	0	441	141	0	0	0	0.00	8.81	0
CO23397	CO23468	10.04	0 1-	4ACSR	0	0	432	140	0	0	0	0.00	8.81	0
CO23464	CO23463	9.00	68 1-	4ACSR	0	0	516	148	212	31	22	0.06	8.80	19
CO23465	CO23464	9.06	67 1-	4ACSR	0	0	511	147	196	29	21	0.08	8.87	26
CO23425	CO23465	9.25	65 1-	4ACSR	0	0	494	146	189	27	20	0.25	9.12	79
CO23475	CO23425	9.32	65 1-	4ACSR	0	0	487	145	189	27	20	0.09	9.21	30
CO23479	CO23475	9.39	64 1-	4ACSR	0	0	482	145	182	27	19	0.08	9.30	25
CO23480	CO23479	9.56	63 1-	4ACSR	0	0	468	143	182	26	19	0.21	9.51	65
CO23478	CO23480	9.65	63 1-	4ACSR	0	0	461	143	182	26	19	0.12	9.63	38
CO23477	CO23478	9.68	63 1-	4ACSR	0	0	459	142	181	26	19	0.04	9.66	11
CO23476	CO23477	9.93	63 1-	4ACSR	0	0	441	141	181	26	19	0.31	9.97	95
CO23481	CO23476	10.01	63 1-	4ACSR	0	0	435	140	181	26	19	0.11	10.08	34
CO23482	CO23481	10.18	62 1-	4ACSR	0	0	423	139	179	26	19	0.21	10.29	65
CO23394	CO23482	10.30	0 1-	4ACSR	0	0	416	138	0	0	0	0.00	10.29	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23483	CO23482	10.22	62 1-	4ACSR	0	0	420	138	179	26	19	0.05	10.34	16
CO23484	CO23483	10.28	61 1-	4ACSR	0	0	417	138	177	26	19	0.07	10.41	20
CO23486	CO23484	10.35	61 1-	4ACSR	0	0	413	137	177	26	19	0.08	10.49	25
CO23487	CO23486	10.42	60 1-	4ACSR	0	0	408	137	175	26	19	0.09	10.57	25
CO23485	CO23487	10.74	59 1-	4ACSR	0	0	389	135	167	25	18	0.38	10.95	109
CO23457	CO23485	10.86	1 1-	4ACSR	0	0	382	134	4	0	0	0.00	10.95	0
CO23458	CO23457	10.91	0 1-	4ACSR	0	0	380	133	0	0	0	0.00	10.95	0
CO23432	CO23458	11.10	0 1-	4ACSR	0	0	370	132	0	0	0	0.00	10.95	0
CO23433	CO23432	11.13	0 1-	4ACSR	0	0	368	132	0	0	0	0.00	10.95	0
CO23459	CO23485	10.81	58 1-	4ACSR	0	0	385	134	163	24	17	0.08	11.03	22
CO23460	CO23459	10.88	57 1-	4ACSR	0	0	381	134	162	24	17	0.08	11.11	22
CO23427	CO23460	10.99	56 1-	4ACSR	0	0	376	133	160	24	17	0.12	11.23	34
CO23445	CO23427	11.05	2 1-	4ACSR	0	0	372	132	8	1	1	0.00	11.23	0
CO23446	CO23445	11.15	2 1-	4ACSR	0	0	368	132	8	1	1	0.00	11.24	0
CO23386	CO23427	11.15	54 1-	4ACSR	0	0	368	132	152	22	16	0.16	11.39	43
CO23447	CO23386	11.18	2 1-	4ACSR	0	0	366	132	3	0	0	0.00	11.40	0
CO23448	CO23447	11.24	1 1-	4ACSR	0	0	363	131	0	0	0	0.00	11.40	0
CO23387	CO23386	11.22	52 1-	4ACSR	0	0	364	131	149	22	16	0.08	11.47	20
CO23488	CO23387	11.29	52 1-	4ACSR	0	0	361	131	149	22	16	0.07	11.54	17
CO23489	CO23488	11.30	51 1-	4ACSR	0	0	360	131	144	21	16	0.01	11.55	3
CO23661	CO23489	11.61	51 1-	4ACSR	0	0	345	129	144	21	16	0.30	11.85	71
CO23655	CO23661	11.62	22 1-	4ACSR	0	0	345	129	80	12	9	0.00	11.85	0
OC716	CO23655	11.62	22 1-	15 H OCR	0	0	345	129	80	12	81	0.00	11.85	0
CO23656	OC716	11.65	22 1-	4ACSR	0	0	344	129	80	12	9	0.02	11.87	2
CO23597	CO23656	11.69	18 1-	4ACSR	0	0	342	128	60	9	7	0.02	11.89	0
CO23598	CO23597	11.72	15 1-	4ACSR	0	0	341	128	46	6	5	0.01	11.89	0
CO23615	CO23598	11.75	3 1-	4ACSR	0	0	339	128	2	0	0	0.00	11.89	0
CO23662	CO23615	11.83	3 1-	4ACSR	0	0	336	127	2	0	0	0.00	11.90	0
CO23355	CO23662	11.92	3 1-	4ACSR	0	0	332	127	2	0	0	0.00	11.90	0
CO23305	CO23355	12.04	2 1-	4ACSR	0	0	327	126	1	0	0	0.00	11.90	0
CO23358	CO23305	12.22	0 1-	4ACSR	0	0	320	125	0	0	0	0.00	11.90	0
CO23359	CO23358	12.32	0 1-	4ACSR	0	0	316	124	0	0	0	0.00	11.90	0
CO23314	CO23359	12.37	0 1-	4ACSR	0	0	314	124	0	0	0	0.00	11.90	0
CO23313	CO23359	12.45	0 1-	4ACSR	0	0	311	124	0	0	0	0.00	11.90	0
CO23315	CO23305	12.10	2 1-	4ACSR	0	0	325	126	1	0	0	0.00	11.90	0
CO23356	CO23355	11.97	1 1-	4ACSR	0	0	330	126	2	0	0	0.00	11.90	0
CO23357	CO23356	12.03	0 1-	4ACSR	0	0	327	126	0	0	0	0.00	11.90	0
CO23614	CO23598	11.76	12 1-	4ACSR	0	0	339	128	44	6	5	0.01	11.91	0
CO23650	CO23614	11.78	12 1-	4ACSR	0	0	338	128	44	6	5	0.00	11.91	0
CO23651	CO23650	11.79	12 1-	4ACSR	0	0	337	128	44	6	5	0.00	11.92	0
CO23640	CO23651	11.80	10 1-	4ACSR	0	0	337	128	37	5	4	0.00	11.92	0
CO23677	CO23640	11.87	10 1-	4ACSR	0	0	334	127	37	5	4	0.01	11.93	0
CO23678	CO23677	11.94	6 1-	4ACSR	0	0	331	127	19	2	2	0.01	11.94	0
CO23639	CO23678	12.00	6 1-	4ACSR	0	0	329	126	19	2	2	0.01	11.95	0
CO-1405152720	CO23639	12.01	0 1-	2ACSR	0	0	328	126	0	0	0	0.00	11.95	0
CO23638	CO23639	12.06	3 1-	4ACSR	0	0	326	126	8	1	1	0.00	11.95	0
CO23637	CO23638	12.11	1 1-	4ACSR	0	0	324	126	2	0	0	0.00	11.95	0
CO23374	CO23677	11.91	1 1-	4ACSR	0	0	332	127	6	0	1	0.00	11.94	0
CO23657	CO23374	12.11	0 1-	4ACSR	0	0	324	126	0	0	0	0.00	11.94	0
CO23610	CO23597	11.72	2 1-	4ACSR	0	0	340	128	13	1	1	0.00	11.89	0
CO23648	CO23656	11.67	4 1-	4ACSR	0	0	343	128	20	2	2	0.00	11.87	0
CO23649	CO23648	11.70	2 1-	4ACSR	0	0	341	128	10	1	1	0.00	11.87	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23609	CO23649	11.73	2 1-	4ACSR	0	0	340	128	10	1	1	0.00	11.87	0
CO23599	CO23661	11.67	24 1-	4ACSR	0	0	343	128	45	6	5	0.02	11.87	0
CO23653	CO23599	11.70	19 1-	4ACSR	0	0	342	128	41	6	4	0.01	11.87	0
OC715	CO23653	11.70	19 1-	35 H OCR	0	0	342	128	41	6	18	0.00	11.87	0
CO23654	OC715	11.70	19 1-	4ACSR	0	0	341	128	41	6	4	0.00	11.88	0
CO23636	CO23654	11.78	19 1-	4ACSR	0	0	338	128	41	6	4	0.02	11.90	0
CO23641	CO23636	11.94	17 1-	4ACSR	0	0	331	127	41	6	4	0.05	11.94	3
CO23642	CO23641	12.12	17 1-	4ACSR	0	0	324	126	41	6	4	0.05	11.99	4
CO23616	CO23642	12.78	16 1-	4ACSR	0	0	299	122	39	5	4	0.18	12.18	12
CO23617	CO23616	12.93	16 1-	4ACSR	0	0	294	121	39	5	4	0.04	12.22	3
CO23618	CO23617	13.09	16 1-	4ACSR	0	0	289	120	39	5	4	0.04	12.26	3
CO23634	CO23618	13.10	1 1-	4ACSR	0	0	289	120	2	0	0	0.00	12.26	0
CO23623	CO23634	13.13	0 1-	4ACSR	0	0	288	120	0	0	0	0.00	12.26	0
CO23643	CO23618	13.31	15 1-	4ACSR	0	0	282	119	37	5	4	0.06	12.32	4
CO23644	CO23643	13.37	15 1-	4ACSR	0	0	280	118	37	5	4	0.01	12.34	0
CO23619	CO23644	13.42	15 1-	4ACSR	0	0	279	118	37	5	4	0.01	12.35	0
CO23620	CO23619	13.48	15 1-	4ACSR	0	0	277	118	37	5	4	0.01	12.37	0
CO23601	CO23620	13.67	0 1-	4ACSR	0	0	271	117	0	0	0	0.00	12.37	0
CO23600	CO23620	13.67	15 1-	4ACSR	0	0	271	117	37	5	4	0.05	12.41	3
CO23628	CO23600	13.79	13 1-	4ACSR	0	0	268	116	35	5	4	0.03	12.44	0
CO23629	CO23628	13.91	12 1-	4ACSR	0	0	265	116	28	4	3	0.02	12.46	0
CO23625	CO23629	14.21	0 1-	4ACSR	0	0	257	114	0	0	0	0.00	12.46	0
CO23622	CO23625	14.28	0 1-	4ACSR	0	0	255	114	0	0	0	0.00	12.46	0
CO23624	CO23629	14.12	12 1-	4ACSR	0	0	259	114	28	4	3	0.04	12.51	0
CO23595	CO23624	14.22	11 1-	4ACSR	0	0	257	114	26	3	3	0.02	12.52	0
CO23631	CO23595	14.40	10 1-	4ACSR	0	0	252	113	24	3	3	0.03	12.55	0
CO23632	CO23631	14.46	10 1-	4ACSR	0	0	251	113	24	3	3	0.01	12.57	0
CO23605	CO23632	14.53	1 1-	4ACSR	0	0	249	112	5	0	1	0.00	12.57	0
CO23604	CO23632	14.60	1 1-	4ACSR	0	0	247	112	0	0	0	0.00	12.57	0
CO23626	CO23632	14.56	8 1-	4ACSR	0	0	248	112	19	2	2	0.01	12.58	0
CO23627	CO23626	14.79	8 1-	4ACSR	0	0	243	111	19	2	2	0.03	12.61	0
CO23606	CO23627	14.99	0 1-	4ACSR	0	0	238	110	0	0	0	0.00	12.61	0
CO23633	CO23627	14.85	8 1-	4ACSR	0	0	241	111	19	2	2	0.01	12.62	0
CO23646	CO23633	14.90	8 1-	4ACSR	0	0	240	111	19	2	2	0.01	12.62	0
CO23647	CO23646	14.92	8 1-	4ACSR	0	0	240	110	19	2	2	0.00	12.63	0
CO23596	CO23647	15.07	8 1-	4ACSR	0	0	237	110	19	2	2	0.02	12.65	0
CO23608	CO23596	15.15	0 1-	4ACSR	0	0	235	109	0	0	0	0.00	12.65	0
CO23645	CO23596	15.21	8 1-	4ACSR	0	0	234	109	19	2	2	0.02	12.66	0
CO23659	CO23645	15.47	8 1-	4ACSR	0	0	228	108	19	2	2	0.02	12.69	0
CO23449	CO23659	15.58	7 1-	4ACSR	0	0	226	107	7	1	1	0.01	12.69	0
CO23658	CO23449	15.80	3 1-	4ACSR	0	0	222	106	1	0	0	0.00	12.69	0
CO23630	CO23658	15.96	2 1-	4ACSR	0	0	219	106	1	0	0	0.00	12.70	0
CO23612	CO23630	16.04	1 1-	4ACSR	0	0	217	105	0	0	0	0.00	12.70	0
CO23450	CO23449	15.80	3 1-	4ACSR	0	0	222	106	6	0	1	0.01	12.70	0
CO23451	CO23450	15.84	2 1-	4ACSR	0	0	221	106	3	0	0	0.00	12.70	0
CO23404	CO23451	15.87	2 1-	4ACSR	0	0	220	106	3	0	0	0.00	12.70	0
CO23378	CO23404	16.10	2 1-	4ACSR	0	0	216	105	3	0	0	0.00	12.70	0
CO23466	CO23378	16.16	0 1-	4ACSR	0	0	215	105	0	0	0	0.00	12.70	0
CO23467	CO23466	16.25	0 1-	4ACSR	0	0	213	104	0	0	0	0.00	12.70	0
CO23495	CO23404	15.90	0 1-	4ACSR	0	0	220	106	0	0	0	0.00	12.70	0
CO23497	CO23495	15.91	0 1-	4ACSR	0	0	220	106	0	0	0	0.00	12.70	0
CO23607	CO23647	14.99	0 1-	4ACSR	0	0	238	110	0	0	0	0.00	12.63	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23603	CO23595	14.34	1 1-	4ACSR	0	0	254	113	1	0	0	0.00	12.52	0
CO23602	CO23624	14.18	1 1-	4ACSR	0	0	258	114	2	0	0	0.00	12.51	0
CO23635	CO23600	13.76	2 1-	4ACSR	0	0	269	116	2	0	0	0.00	12.42	0
CO23652	CO23635	13.85	1 1-	4ACSR	0	0	266	116	2	0	0	0.00	12.42	0
CO23621	CO23652	13.93	1 1-	4ACSR	0	0	264	115	2	0	0	0.00	12.42	0
CO23611	CO23599	11.70	3 1-	4ACSR	0	0	341	128	1	0	0	0.00	11.87	0
CO23428	CO23387	11.41	0 1-	4ACSR	0	0	355	130	0	0	0	0.00	11.47	0
CO23429	CO23428	11.47	0 1-	4ACSR	0	0	352	130	0	0	0	0.00	11.47	0
CO23430	CO23429	11.52	0 1-	4ACSR	0	0	350	129	0	0	0	0.00	11.47	0
CO23431	CO23430	11.99	0 1-	4ACSR	0	0	329	126	0	0	0	0.00	11.47	0
CO23443	CO23465	9.29	2 1-	4ACSR	0	0	490	146	7	1	1	0.01	8.88	0
CO23444	CO23443	9.38	1 1-	4ACSR	0	0	482	145	0	0	0	0.00	8.88	0
CO23392	CO23424	8.94	0 1-	4ACSR	0	0	522	149	0	0	0	0.00	8.54	0
CO-1263826398	CO22998	8.35	1 1-	2ACSR	0	0	576	153	6	0	0	0.00	7.86	0
CO23007	CO22905	8.07	3 1-	4ACSR	0	0	607	155	9	1	1	0.00	7.38	0
CO23008	CO23007	8.10	3 1-	4ACSR	0	0	604	155	9	1	1	0.00	7.38	0
CO22956	CO23083	7.29	2 1-	4ACSR	0	0	715	163	6	0	1	0.00	5.46	0
CO22940	CO22903	7.13	1 1-	4ACSR	0	0	740	164	3	0	0	0.00	4.96	0
CO22939	CO23000	7.06	1 1-	4ACSR	0	0	751	165	0	0	0	0.00	4.65	0
CO22938+	CO22901	6.54	0 1-	4ACSR	0	0	975	300	0	0	0	0.00	1.58	0
CO23028+	CO23027	6.36	60 3-	1/0ACSR	1217	1147	1005	303	238	7	3	0.00	1.56	0
CO23029+	CO23028	6.40	60 3-	1/0ACSR	1212	1143	1000	303	238	7	3	0.00	1.56	0
CO23065+	CO23029	6.45	2 1-	1/0ACSR	0	0	994	303	12	0	0	0.00	1.56	0
CO23066+	CO23065	6.52	1 1-	1/0ACSR	0	0	986	302	7	0	0	0.00	1.56	0
CO22953+	CO23029	6.56	1 1-	2ACSR	0	0	979	301	4	0	0	0.00	1.56	0
CO23030+	CO23029	6.43	57 3-	1/0ACSR	1208	1139	996	303	222	7	3	0.00	1.56	0
CO23031+	CO23030	6.51	57 3-	1/0ACSR	1200	1131	987	302	222	7	3	0.00	1.56	2
CO30681+	CO23031	6.55	55 3-	1/0ACSR	1195	1127	983	302	215	5	2	0.00	1.56	0
CO23688+	CO30681	6.85	55 3-	1/0ACSR	1162	1095	951	299	215	5	2	0.01	1.57	4
CO22659+	CO23688	6.89	3 1-	2ACSR	0	0	947	298	20	1	1	0.00	1.57	0
CO22599+	CO22659	6.91	1 1-	2ACSR	0	0	944	298	5	0	0	0.00	1.57	0
CO22660+	CO22659	6.91	2 1-	2ACSR	0	0	944	298	15	1	1	0.00	1.57	0
CO22658+	CO22660	6.94	2 1-	2ACSR	0	0	941	298	15	1	1	0.00	1.58	0
CO22657+	CO22658	6.99	1 1-	2ACSR	0	0	935	297	8	0	0	0.00	1.58	0
CO22656+	CO22657	7.03	1 1-	2ACSR	0	0	930	297	8	0	0	0.00	1.58	0
CO22661+	CO23688	6.87	2 1-	4ACSR	0	0	948	299	20	1	1	0.00	1.57	0
CO22662+	CO22661	6.89	1 1-	4ACSR	0	0	945	298	9	0	0	0.00	1.57	0
CO22731+	CO22662	6.91	0 1-	4ACSR	0	0	942	298	0	0	0	0.00	1.57	0
CO22732+	CO22731	6.92	0 1-	4ACSR	0	0	942	298	0	0	0	0.00	1.57	0
XFMR56	CO23688	6.85	48 1-	333 KVA 1PH AUT	0	0	824	170	160	11	48	0.53	2.10	0
CO22561	XFMR56	7.01	48 1-	4ACSR	0	0	797	168	160	22	16	0.16	2.27	42
CO22729	CO22561	7.02	47 1-	4ACSR	0	0	796	168	159	22	16	0.01	2.27	0
OC687	CO22729	7.02	47 1-	35 H OCR	0	0	796	168	159	22	16	0.00	2.27	0
CO22730	OC687	7.09	47 1-	4ACSR	0	0	782	167	159	22	16	0.08	2.35	21
CO22665	CO22730	7.13	47 1-	4ACSR	0	0	776	167	159	22	16	0.04	2.39	10
CO22562	CO22665	7.26	45 1-	4ACSR	0	0	755	165	159	22	16	0.13	2.52	33
CO2141777241	CO22562	7.35	0 1-	2ACSR	0	0	742	165	0	0	0	0.00	2.52	0
CO22666	CO22562	7.72	44 1-	4ACSR	0	0	683	161	154	21	15	0.46	2.98	114
CO22667	CO22666	7.86	43 1-	4ACSR	0	0	664	159	151	21	15	0.13	3.12	33
CO22668	CO22667	7.89	43 1-	4ACSR	0	0	659	159	151	21	15	0.03	3.15	8
CO22567	CO22668	7.91	1 1-	4ACSR	0	0	657	159	0	0	0	0.00	3.15	0
CO22588	CO22567	7.96	1 1-	4ACSR	0	0	651	158	0	0	0	0.00	3.15	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22544	CO22668	7.99	29 1-	4ACSR	0	0	647	158	91	12	9	0.05	3.20	8
CO22688	CO22544	8.12	25 1-	4ACSR	0	0	629	157	78	10	8	0.07	3.27	9
CO22689	CO22688	8.30	24 1-	4ACSR	0	0	607	155	78	10	8	0.09	3.36	11
CO22569	CO22689	8.34	0 1-	4ACSR	0	0	602	155	0	0	0	0.00	3.36	0
CO22545	CO22689	8.64	24 1-	4ACSR	0	0	567	152	78	10	8	0.16	3.53	20
CO22546	CO22545	8.68	20 1-	4ACSR	0	0	563	152	59	8	6	0.01	3.54	0
CO22707	CO22546	8.98	8 1-	4ACSR	0	0	532	149	31	4	3	0.06	3.60	3
CO22600	CO22707	9.04	1 1-	2ACSR	0	0	528	149	5	0	0	0.00	3.60	0
CO22708	CO22707	9.05	7 1-	4ACSR	0	0	525	149	26	3	3	0.01	3.61	0
CO22547	CO22708	9.19	6 1-	4ACSR	0	0	512	147	22	3	2	0.02	3.63	0
CO22709	CO22547	9.26	1 1-	4/0ACSR	0	0	509	147	8	1	0	0.00	3.63	0
CO22710	CO22709	9.31	0 1-	4/0ACSR	0	0	506	147	0	0	0	0.00	3.63	0
CO22581	CO22709	9.31	1 1-	4/0ACSR	0	0	507	147	8	1	0	0.00	3.63	0
CO22548	CO22547	9.32	4 1-	4ACSR	0	0	500	146	15	2	1	0.01	3.64	0
CO23700	CO22548	9.41	2 1-	4ACSR	0	0	492	146	5	0	0	0.00	3.65	0
CO21887	CO23700	9.44	1 1-	4ACSR	0	0	490	145	2	0	0	0.00	3.65	0
CO21888	CO21887	9.64	1 1-	4ACSR	0	0	474	144	2	0	0	0.00	3.65	0
CO21936	CO21888	9.68	0 1-	4ACSR	0	0	470	143	0	0	0	0.00	3.65	0
CO21937	CO21936	9.68	0 1-	4ACSR	0	0	470	143	0	0	0	0.00	3.65	0
CO21889	CO21888	9.72	1 1-	4ACSR	0	0	467	143	2	0	0	0.00	3.65	0
CO21934	CO21889	9.87	0 1-	4ACSR	0	0	456	142	0	0	0	0.00	3.65	0
CO21935	CO21934	9.87	0 1-	4ACSR	0	0	455	142	0	0	0	0.00	3.65	0
CO22572	CO22548	9.37	2 1-	4ACSR	0	0	496	146	10	1	1	0.00	3.65	0
CO22571	CO22708	9.11	1 1-	4ACSR	0	0	520	148	3	0	0	0.00	3.61	0
CO22550	CO22546	8.93	12 1-	4ACSR	0	0	537	150	28	3	3	0.05	3.59	2
CO22551	CO22550	9.27	10 1-	4ACSR	0	0	505	147	21	2	2	0.05	3.63	0
CO22570	CO22551	9.36	3 1-	4ACSR	0	0	496	146	8	1	1	0.00	3.64	0
CO23701	CO22570	9.53	3 1-	4ACSR	0	0	482	145	8	1	1	0.01	3.64	0
CO21660	CO23701	9.57	1 1-	2ACSR	0	0	480	144	3	0	0	0.00	3.64	0
CO21886	CO23701	9.80	1 1-	4ACSR	0	0	461	143	0	0	0	0.00	3.64	0
CO22552	CO22551	9.29	7 1-	4ACSR	0	0	503	147	14	1	1	0.00	3.63	0
CO22563	CO22552	9.36	7 1-	4ACSR	0	0	497	146	14	1	1	0.01	3.64	0
CO22564	CO22563	9.44	3 1-	4ACSR	0	0	490	145	8	1	1	0.00	3.65	0
CO22694	CO22564	9.52	2 1-	4ACSR	0	0	483	145	6	0	1	0.00	3.65	0
CO23702	CO22694	9.70	1 1-	4ACSR	0	0	468	143	0	0	0	0.00	3.65	0
CO21885	CO23702	9.80	1 1-	4ACSR	0	0	461	143	0	0	0	0.00	3.65	0
CO22597	CO22694	9.57	1 1-	2/0ACSR	0	0	481	145	6	0	0	0.00	3.65	0
CO22594	CO22564	9.51	1 1-	4ACSR	0	0	484	145	2	0	0	0.00	3.65	0
CO22695	CO22563	9.42	4 1-	4ACSR	0	0	491	146	6	0	1	0.00	3.64	0
CO22696	CO22695	9.60	3 1-	4ACSR	0	0	477	144	6	0	1	0.01	3.65	0
CO22697	CO22696	9.63	3 1-	4ACSR	0	0	474	144	6	0	1	0.00	3.65	0
CO22698	CO22697	9.77	3 1-	4ACSR	0	0	463	143	6	0	1	0.01	3.66	0
CO22701	CO22698	9.89	3 1-	4ACSR	0	0	454	142	6	0	1	0.00	3.66	0
CO22702	CO22701	9.94	3 1-	4ACSR	0	0	450	141	6	0	1	0.00	3.66	0
CO22700	CO22702	10.01	3 1-	4ACSR	0	0	445	141	6	0	1	0.00	3.66	0
CO22699	CO22700	10.08	3 1-	4ACSR	0	0	440	140	6	0	1	0.00	3.67	0
CO22705	CO22699	10.17	0 1-	4ACSR	0	0	434	140	0	0	0	0.00	3.67	0
CO22706	CO22705	10.34	0 1-	4ACSR	0	0	422	138	0	0	0	0.00	3.67	0
CO22703	CO22699	10.27	1 1-	4ACSR	0	0	427	139	3	0	0	0.00	3.67	0
CO22704	CO22703	10.36	1 1-	4ACSR	0	0	421	138	3	0	0	0.00	3.67	0
CO22693	CO22550	9.04	2 1-	4ACSR	0	0	526	149	7	0	1	0.00	3.59	0
CO22692	CO22550	8.99	0 1-	4ACSR	0	0	531	149	0	0	0	0.00	3.59	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22580	CO22545	8.74	0 1-	4/0ACSR	0	0	562	152	0	0	0	0.00	3.53	0
CO22690	CO22545	8.66	2 1-	4ACSR	0	0	565	152	8	1	1	0.00	3.53	0
CO22691	CO22690	8.76	1 1-	4ACSR	0	0	554	151	3	0	0	0.00	3.53	0
CO22568	CO22544	8.03	1 1-	4ACSR	0	0	641	158	2	0	0	0.00	3.20	0
CO22549	CO22544	8.01	3 1-	4ACSR	0	0	644	158	11	1	1	0.00	3.21	0
CO22683	CO22549	8.50	3 1-	4ACSR	0	0	583	153	11	1	1	0.03	3.24	0
CO22684	CO22683	8.56	3 1-	4ACSR	0	0	577	153	11	1	1	0.00	3.24	0
CO22685	CO22684	8.77	2 1-	4ACSR	0	0	554	151	9	1	1	0.01	3.26	0
CO22589	CO22685	8.93	0 1-	4ACSR	0	0	537	150	0	0	0	0.00	3.26	0
CO22686	CO22685	8.81	2 1-	4ACSR	0	0	549	151	9	1	1	0.00	3.26	0
CO22687	CO22686	8.96	2 1-	4ACSR	0	0	534	149	9	1	1	0.00	3.26	0
CO22557	CO22668	7.96	13 1-	4ACSR	0	0	650	158	60	8	6	0.03	3.18	3
CO22579	CO22557	7.99	1 1-	4ACSR	0	0	647	158	8	1	1	0.00	3.18	0
CO22558	CO22557	8.18	12 1-	4ACSR	0	0	621	156	52	7	5	0.07	3.25	6
CO22669	CO22558	8.26	1 1-	4ACSR	0	0	612	156	9	1	1	0.00	3.26	0
CO22670	CO22669	8.35	1 1-	4ACSR	0	0	601	155	9	1	1	0.00	3.26	0
CO22671	CO22558	8.30	11 1-	4ACSR	0	0	607	155	43	6	4	0.03	3.28	0
CO1410103168	CO22671	8.37	10 1-	2ACSR	0	0	600	155	34	4	3	0.01	3.29	0
CO-2122647656	CO1410103168	8.44	4 1-	2ACSR	0	0	593	154	12	1	1	0.00	3.29	0
CO1328065754	CO-2122647656	8.47	1 1-	2ACSR	0	0	590	154	0	0	0	0.00	3.29	0
CO907201607	CO1410103168	8.69	6 1-	2ACSR	0	0	570	153	22	3	2	0.03	3.32	0
CO561765822	CO907201607	8.82	6 1-	2ACSR	0	0	558	152	22	3	2	0.01	3.34	0
CO2127389589	CO561765822	8.86	2 1-	2ACSR	0	0	555	152	9	1	1	0.00	3.34	0
CO22672	CO2127389589	8.94	2 1-	4ACSR	0	0	547	151	9	1	1	0.00	3.34	0
CO22675	CO22672	9.00	0 1-	4ACSR	0	0	541	151	0	0	0	0.00	3.34	0
CO22676	CO22675	9.06	0 1-	4ACSR	0	0	535	150	0	0	0	0.00	3.34	0
CO22677	CO22676	9.14	0 1-	4ACSR	0	0	527	149	0	0	0	0.00	3.34	0
CO22678	CO22677	9.21	0 1-	4ACSR	0	0	520	149	0	0	0	0.00	3.34	0
CO22679	CO22678	9.26	0 1-	4ACSR	0	0	516	148	0	0	0	0.00	3.34	0
CO22680	CO22679	9.35	0 1-	4ACSR	0	0	507	147	0	0	0	0.00	3.34	0
CO22681	CO22680	9.40	0 1-	4ACSR	0	0	503	147	0	0	0	0.00	3.34	0
CO22682	CO22681	9.45	0 1-	4ACSR	0	0	499	147	0	0	0	0.00	3.34	0
CO-1295699636	CO561765822	8.93	4 1-	2ACSR	0	0	549	151	13	1	1	0.00	3.34	0
CO698225438	CO-1295699636	8.98	0 1-	2ACSR	0	0	545	151	0	0	0	0.00	3.34	0
CO22587	CO22562	7.37	1 1-	4ACSR	0	0	738	164	4	0	0	0.00	2.52	0
CO22663	CO22665	7.30	2 1-	4ACSR	0	0	748	165	0	0	0	0.00	2.39	0
CO22664	CO22663	7.49	2 1-	4ACSR	0	0	718	163	0	0	0	0.00	2.39	0
CO22586	CO22561	7.03	1 1-	4ACSR	0	0	793	168	1	0	0	0.00	2.27	0
CO22936+	CO23031	6.55	0 1-	1/0ACSR	0	0	983	302	0	0	0	0.00	1.56	0
CO23032+	CO23031	6.52	0 3-	1/0ACSR	1199	1130	987	302	0	-7	3	0.00	1.56	0
CA69+	CO23032	6.52	0 3-	Capacitor	1199	1130	987	302	0	-7	0	0.00	1.56	0
CO22896+	CO23689	5.93	157 1-	4ACSR	0	0	1053	307	489	34	24	0.04	1.56	35
CO22930+	CO22896	5.98	1 1-	4ACSR	0	0	1045	306	11	0	1	0.00	1.56	0
CO23017+	CO22896	5.98	156 1-	4ACSR	0	0	1044	306	478	33	24	0.04	1.60	32
CO23018+	CO23017	6.01	156 1-	4ACSR	0	0	1039	305	478	33	24	0.02	1.62	16
CO23094+	CO23018	6.02	151 1-	4ACSR	0	0	1038	305	458	31	23	0.00	1.62	4
OC701+	CO23094	6.02	151 1-	35 E OCR	0	0	1038	305	458	31	91	0.00	1.62	0
CO23095+	OC701	6.30	151 1-	4ACSR	0	0	990	300	458	31	23	0.21	1.84	156
CO22954+	CO23095	6.37	1 1-	2ACSR	0	0	981	299	9	0	0	0.00	1.84	0
CO23063+	CO23095	6.47	150 1-	4ACSR	0	0	964	297	448	31	22	0.12	1.96	88
CO23077+	CO23063	6.55	6 1-	4ACSR	0	0	952	296	22	1	1	0.00	1.96	0
CO23078+	CO23077	6.57	4 1-	4ACSR	0	0	948	295	18	1	1	0.00	1.96	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23076+	CO23078	6.59	3 1-	4ACSR	0	0	945	295	13	0	1	0.00	1.96	0
CO23075+	CO23076	6.63	2 1-	4ACSR	0	0	940	294	9	0	0	0.00	1.96	0
CO23041+	CO23075	6.66	2 1-	4ACSR	0	0	935	294	9	0	0	0.00	1.96	0
CO23004+	CO23063	6.49	144 1-	4ACSR	0	0	960	297	425	29	21	0.01	1.97	10
CO23005+	CO23004	6.57	143 1-	4ACSR	0	0	949	296	418	29	21	0.05	2.02	33
CO23042+	CO23005	6.61	3 1-	4ACSR	0	0	942	295	14	0	1	0.00	2.02	0
CO23043+	CO23042	6.65	3 1-	4ACSR	0	0	936	294	14	0	1	0.00	2.02	0
CO23022+	CO23005	6.61	140 1-	4ACSR	0	0	943	295	404	28	20	0.03	2.05	17
CO23023+	CO23022	6.64	140 1-	4ACSR	0	0	938	294	404	28	20	0.02	2.07	15
CO22932+	CO23023	6.69	1 1-	4ACSR	0	0	931	293	1	0	0	0.00	2.07	0
CO22898+	CO23023	6.66	139 1-	4ACSR	0	0	934	294	403	28	20	0.02	2.09	10
CO22933+	CO22898	6.74	1 1-	4ACSR	0	0	924	293	0	0	0	0.00	2.09	0
CO22899+	CO22898	6.72	138 1-	4ACSR	0	0	926	293	403	28	20	0.04	2.13	24
CO23024+	CO22899	6.97	137 1-	4ACSR	0	0	891	289	399	27	20	0.16	2.29	106
CO23025+	CO23024	7.03	137 1-	4ACSR	0	0	883	288	398	27	20	0.04	2.33	24
CO22909+	CO23025	7.05	134 1-	4ACSR	0	0	880	288	394	27	20	0.01	2.34	8
CO22910+	CO22909	7.17	133 1-	4ACSR	0	0	864	286	381	26	19	0.07	2.41	45
CO23690+	CO22910	7.23	126 1-	4ACSR	0	0	857	285	373	26	19	0.03	2.45	20
CO21090+	CO23690	7.30	125 1-	4ACSR	0	0	848	284	366	25	18	0.05	2.49	27
CO21050+	CO21090	7.35	120 1-	4ACSR	0	0	842	283	343	24	17	0.03	2.52	15
CO21158+	CO21050	7.38	3 1-	2ACSR	0	0	839	282	13	0	1	0.00	2.52	0
CO21159+	CO21158	7.42	2 1-	2ACSR	0	0	835	282	9	0	0	0.00	2.52	0
CO21150+	CO21159	7.50	1 1-	2ACSR	0	0	827	281	1	0	0	0.00	2.52	0
CO21151+	CO21150	7.55	1 1-	2ACSR	0	0	822	281	1	0	0	0.00	2.52	0
CO21051+	CO21050	7.53	117 1-	4ACSR	0	0	820	280	330	23	17	0.10	2.62	52
CO21093+	CO21051	7.59	116 1-	4ACSR	0	0	812	279	326	22	16	0.03	2.65	18
CO21094+	CO21093	7.67	115 1-	4ACSR	0	0	803	278	314	22	16	0.04	2.69	21
CO21062+	CO21094	7.75	2 1-	4ACSR	0	0	795	277	8	0	0	0.00	2.69	0
CO21052+	CO21094	7.76	111 1-	4ACSR	0	0	794	277	303	21	15	0.04	2.73	21
CO21153+	CO21052	7.83	0 1-	4ACSR	0	0	785	275	0	0	0	0.00	2.73	0
CO21154+	CO21153	7.93	0 1-	4ACSR	0	0	775	274	0	0	0	0.00	2.73	0
CO21053+	CO21052	7.92	110 1-	4ACSR	0	0	776	274	301	21	15	0.08	2.81	39
CO21097+	CO21053	8.00	108 1-	4ACSR	0	0	768	273	300	21	15	0.04	2.85	18
CO21098+	CO21097	8.15	108 1-	4ACSR	0	0	752	271	300	21	15	0.07	2.92	36
CO21088+	CO21098	8.35	3 1-	2ACSR	0	0	736	269	13	0	1	0.00	2.93	0
CO21155+	CO21088	8.40	1 1-	2ACSR	0	0	732	268	5	0	0	0.00	2.93	0
CO21156+	CO21155	8.55	1 1-	2ACSR	0	0	721	267	5	0	0	0.00	2.93	0
CO21157+	CO21156	8.66	1 1-	2ACSR	0	0	713	266	5	0	0	0.00	2.93	0
CO20874+	CO21157	8.78	1 1-	2ACSR	0	0	704	265	5	0	0	0.00	2.93	0
CO20873+	CO20874	8.85	1 1-	2ACSR	0	0	699	264	5	0	0	0.00	2.93	0
CO20872+	CO20873	8.94	1 1-	2ACSR	0	0	693	263	5	0	0	0.00	2.93	0
CO20871+	CO20872	9.02	1 1-	2ACSR	0	0	687	262	5	0	0	0.00	2.93	0
CO20870+	CO20871	9.20	1 1-	2ACSR	0	0	676	261	5	0	0	0.00	2.93	0
CO21099+	CO21098	8.23	105 1-	4ACSR	0	0	744	270	286	20	14	0.04	2.96	18
CO21100+	CO21099	8.26	104 1-	4ACSR	0	0	740	269	285	20	14	0.02	2.98	7
CO21101+	CO21100	8.34	103 1-	4ACSR	0	0	733	268	271	19	14	0.03	3.01	14
CO21054+	CO21101	8.36	101 1-	4ACSR	0	0	732	268	258	18	13	0.01	3.02	3
CO21055+	CO21054	8.37	98 1-	4ACSR	0	0	730	268	252	17	13	0.01	3.03	3
CO21102+	CO21055	8.52	96 1-	4ACSR	0	0	715	266	249	17	13	0.06	3.09	24
CO21103+	CO21102	8.67	94 1-	4ACSR	0	0	702	264	242	17	12	0.06	3.15	24
CO21056+	CO21103	8.73	8 1-	4ACSR	0	0	697	263	6	0	0	0.00	3.15	0
CO21069+	CO21056	8.80	1 1-	4ACSR	0	0	691	262	1	0	0	0.00	3.15	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21104+	CO21056	8.79	7 1-	4ACSR	0	0	691	262	5	0	0	0.00	3.15	0
CO-99527684+	CO21104	8.86	1 1-	2ACSR	0	0	687	261	0	0	0	0.00	3.15	0
CO21105+	CO21104	8.85	5 1-	4ACSR	0	0	686	261	5	0	0	0.00	3.15	0
CO21112+	CO21105	9.07	3 1-	4ACSR	0	0	667	258	1	0	0	0.00	3.15	0
CO21113+	CO21112	9.15	3 1-	4ACSR	0	0	661	257	1	0	0	0.00	3.15	0
CO21071+	CO21113	9.41	1 1-	4ACSR	0	0	641	254	0	0	0	0.00	3.15	0
CO21070+	CO21113	9.41	1 1-	4ACSR	0	0	641	254	0	0	0	0.00	3.15	0
CO21114+	CO21113	9.25	1 1-	4ACSR	0	0	653	256	0	0	0	0.00	3.15	0
CO21115+	CO21114	9.64	1 1-	4ACSR	0	0	624	251	0	0	0	0.00	3.15	0
CO21116+	CO21115	9.71	1 1-	4ACSR	0	0	618	250	0	0	0	0.00	3.15	0
CO21117+	CO21116	9.81	1 1-	4ACSR	0	0	612	249	0	0	0	0.00	3.15	0
CO21118+	CO21117	9.91	1 1-	4ACSR	0	0	605	248	0	0	0	0.00	3.15	0
CO21106+	CO21105	9.06	2 1-	4ACSR	0	0	668	258	4	0	0	0.00	3.15	0
CO21107+	CO21106	9.14	2 1-	4ACSR	0	0	662	257	4	0	0	0.00	3.15	0
CO21108+	CO21107	9.25	2 1-	4ACSR	0	0	653	256	4	0	0	0.00	3.15	0
CO21109+	CO21108	9.28	2 1-	4ACSR	0	0	651	256	4	0	0	0.00	3.15	0
CO21110+	CO21109	9.33	1 1-	4ACSR	0	0	647	255	4	0	0	0.00	3.15	0
CO21111+	CO21110	9.41	1 1-	4ACSR	0	0	640	254	4	0	0	0.00	3.15	0
CO21119+	CO21103	9.01	86 1-	4ACSR	0	0	672	259	236	16	12	0.13	3.28	50
CO21120+	CO21119	9.07	86 1-	4ACSR	0	0	667	258	235	16	12	0.02	3.30	9
CO21126+	CO21120	9.14	4 1-	4ACSR	0	0	662	257	12	0	1	0.00	3.30	0
CO21127+	CO21126	9.27	4 1-	4ACSR	0	0	652	256	12	0	1	0.00	3.31	0
CO21074+	CO21127	9.43	3 1-	4ACSR	0	0	639	254	6	0	0	0.00	3.31	0
CO21160+	CO21074	9.53	3 1-	4ACSR	0	0	632	253	6	0	0	0.00	3.31	0
CO21161+	CO21160	9.58	2 1-	4ACSR	0	0	628	252	5	0	0	0.00	3.31	0
CO21130+	CO21161	9.64	1 1-	4ACSR	0	0	624	251	2	0	0	0.00	3.31	0
CO21131+	CO21130	9.75	1 1-	4ACSR	0	0	616	250	2	0	0	0.00	3.31	0
CO-2091862478+	CO21131	9.88	1 1-	2ACSR	0	0	609	249	2	0	0	0.00	3.31	0
CO21132+	CO21161	9.79	1 1-	2ACSR	0	0	616	250	3	0	0	0.00	3.31	0
CO21133+	CO21132	9.84	1 1-	2ACSR	0	0	614	250	3	0	0	0.00	3.31	0
CO21128+	CO21127	9.36	1 1-	4ACSR	0	0	645	255	6	0	0	0.00	3.31	0
CO21129+	CO21128	9.46	1 1-	4ACSR	0	0	637	253	6	0	0	0.00	3.31	0
CO21121+	CO21120	9.13	81 1-	4ACSR	0	0	663	258	214	15	11	0.02	3.32	6
CO21122+	CO21121	9.18	80 1-	4ACSR	0	0	659	257	212	15	11	0.02	3.34	7
CO21123+	CO21122	9.23	79 1-	4ACSR	0	0	654	256	212	15	11	0.02	3.36	6
CO21124+	CO21123	9.28	78 1-	4ACSR	0	0	651	256	204	14	10	0.01	3.37	5
CO21125+	CO21124	9.37	77 1-	4ACSR	0	0	644	255	202	14	10	0.03	3.40	10
CO21162+	CO21125	9.46	3 1-	4ACSR	0	0	637	253	9	0	0	0.00	3.40	0
CO21163+	CO21162	9.58	2 1-	4ACSR	0	0	628	252	8	0	0	0.00	3.40	0
CO21076+	CO21163	9.69	1 1-	4ACSR	0	0	620	251	8	0	0	0.00	3.41	0
CO21134+	CO21163	9.61	1 1-	4ACSR	0	0	626	251	0	0	0	0.00	3.40	0
CO21135+	CO21125	9.42	74 1-	2ACSR	0	0	641	254	192	13	8	0.01	3.41	3
CO21164+	CO21135	9.43	74 1-	2ACSR	0	0	640	254	192	13	8	0.00	3.42	0
CO21186+	CO21164	9.71	73 1-	2ACSR	0	0	624	252	192	13	8	0.06	3.48	18
CO21077+	CO21186	9.82	0 1-	4ACSR	0	0	616	250	0	0	0	0.00	3.48	0
CO21136+	CO21186	9.89	72 1-	2ACSR	0	0	614	250	192	13	8	0.04	3.52	12
CO21137+	CO21136	10.09	72 1-	2ACSR	0	0	603	248	192	13	8	0.04	3.56	13
CO21057+	CO21137	10.13	0 1-	4ACSR	0	0	600	248	0	0	0	0.00	3.56	0
CO21138+	CO21057	10.39	0 1-	4ACSR	0	0	583	245	0	0	0	0.00	3.56	0
CO21139+	CO21138	10.45	0 1-	4ACSR	0	0	580	244	0	0	0	0.00	3.56	0
XFMR43	CO21137	10.09	72 1-	333 KVA 1PH AUT	0	0	687	161	192	13	59	0.66	4.22	0
CO21060	XFMR43	10.13	72 1-	2ACSR	0	0	682	160	192	27	15	0.04	4.26	11

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21059	CO21060	10.37	68 1-	2ACSR	0	0	654	159	190	26	15	0.21	4.46	60
CO21146	CO21059	10.46	66 1-	2ACSR	0	0	644	158	180	25	14	0.07	4.54	21
CO21147	CO21146	10.66	65 1-	2ACSR	0	0	622	157	179	25	14	0.17	4.71	46
CO21079	CO21147	10.70	1 1-	4ACSR	0	0	618	156	5	0	1	0.00	4.71	0
CO21165	CO21147	10.72	64 1-	2ACSR	0	0	617	156	173	24	14	0.05	4.75	12
CO21166	CO21165	10.92	62 1-	2ACSR	0	0	597	155	164	23	13	0.15	4.90	39
CO21167	CO21166	11.00	61 1-	2ACSR	0	0	589	155	162	23	13	0.06	4.96	15
CO21168	CO21167	11.06	60 1-	2ACSR	0	0	583	154	157	22	13	0.05	5.01	12
CO21169	CO21168	11.09	60 1-	2ACSR	0	0	580	154	157	22	13	0.02	5.03	5
CO21170	CO21169	11.15	59 1-	2ACSR	0	0	575	154	156	22	12	0.05	5.08	11
CO21058	CO21170	11.29	4 1-	4ACSR	0	0	560	152	3	0	0	0.00	5.08	0
CO21173	CO21058	11.39	3 1-	4ACSR	0	0	549	152	1	0	0	0.00	5.08	0
CO21174	CO21173	11.63	2 1-	4ACSR	0	0	526	149	1	0	0	0.00	5.08	0
CO21149	CO21174	11.72	2 1-	4ACSR	0	0	517	149	1	0	0	0.00	5.08	0
CO21148	CO21149	11.81	2 1-	4ACSR	0	0	509	148	1	0	0	0.00	5.08	0
CO21171	CO21148	12.06	2 1-	4ACSR	0	0	487	146	1	0	0	0.00	5.08	0
CO21172	CO21171	12.44	1 1-	4ACSR	0	0	458	143	0	0	0	0.00	5.08	0
CO21080	CO21058	11.35	1 1-	4ACSR	0	0	553	152	2	0	0	0.00	5.08	0
CO21175	CO21170	11.22	54 1-	2ACSR	0	0	569	153	151	21	12	0.04	5.12	11
CO21176	CO21175	11.35	53 1-	2ACSR	0	0	557	152	150	21	12	0.09	5.22	22
CO21081	CO21176	11.40	1 1-	4ACSR	0	0	552	152	0	0	0	0.00	5.22	0
CO21177	CO21176	11.40	52 1-	2ACSR	0	0	553	152	150	21	12	0.04	5.25	8
CO21178	CO21177	11.45	51 1-	2ACSR	0	0	549	152	146	20	12	0.03	5.29	8
CO21082	CO21178	11.50	0 1-	4ACSR	0	0	544	151	0	0	0	0.00	5.29	0
CO21181	CO21178	11.46	51 1-	2ACSR	0	0	548	152	146	20	12	0.00	5.29	0
OC636	CO21181	11.46	51 1-	35 H OCR	0	0	548	152	146	20	60	0.00	5.29	0
CO21182	OC636	11.56	51 1-	2ACSR	0	0	540	151	146	20	12	0.07	5.36	16
CO21179	CO21182	11.60	50 1-	2ACSR	0	0	537	151	145	20	12	0.02	5.38	5
CO21180	CO21179	11.80	50 1-	2ACSR	0	0	521	150	145	20	12	0.14	5.52	32
CO21084	CO21180	11.88	1 1-	4ACSR	0	0	514	149	5	0	1	0.00	5.52	0
CO23691	CO21180	11.94	49 1-	2ACSR	0	0	511	149	140	20	11	0.09	5.61	19
CO20905	CO23691	12.00	1 1-	4ACSR	0	0	505	148	1	0	0	0.00	5.61	0
CO20885	CO23691	12.01	48 1-	2ACSR	0	0	506	148	138	19	11	0.05	5.66	11
CO20906	CO20885	12.09	0 1-	4ACSR	0	0	499	148	0	0	0	0.00	5.66	0
CO20886	CO20885	12.18	48 1-	2ACSR	0	0	494	147	138	19	11	0.11	5.76	23
CO20913	CO20886	12.21	2 1-	2ACSR	0	0	492	147	2	0	0	0.00	5.77	0
CO20894	CO20886	12.34	46 1-	2ACSR	0	0	484	146	136	19	11	0.10	5.87	22
CO20937	CO20894	12.45	3 1-	2ACSR	0	0	477	146	2	0	0	0.00	5.87	0
CO20936	CO20937	12.50	3 1-	2ACSR	0	0	473	146	2	0	0	0.00	5.87	0
CO20935	CO20936	12.57	3 1-	2ACSR	0	0	469	145	2	0	0	0.00	5.87	0
CO20934	CO20935	12.65	3 1-	2ACSR	0	0	464	145	2	0	0	0.00	5.87	0
CO21023	CO20934	12.67	3 1-	2ACSR	0	0	463	145	2	0	0	0.00	5.87	0
CO21024	CO21023	12.71	2 1-	2ACSR	0	0	460	144	0	0	0	0.00	5.87	0
CO20933	CO21024	12.75	2 1-	2ACSR	0	0	458	144	0	0	0	0.00	5.87	0
CO20932	CO20933	12.79	1 1-	2ACSR	0	0	456	144	0	0	0	0.00	5.87	0
CO20931	CO20932	12.84	1 1-	2ACSR	0	0	453	144	0	0	0	0.00	5.87	0
CO20930	CO20931	12.91	1 1-	2ACSR	0	0	449	143	0	0	0	0.00	5.87	0
CO20907	CO20894	12.41	1 1-	2ACSR	0	0	479	146	1	0	0	0.00	5.87	0
CO20887	CO20894	12.65	42 1-	2ACSR	0	0	464	145	133	19	11	0.19	6.06	39
CO-1050031709	CO20887	12.71	1 1-	2ACSR	0	0	460	144	10	1	1	0.00	6.06	0
CO20908	CO20887	12.70	0 1-	4ACSR	0	0	461	144	0	0	0	0.00	6.06	0
CO20927	CO20887	12.83	39 1-	2ACSR	0	0	453	144	119	17	10	0.10	6.16	19

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21021	CO20927	12.87	39 1-	2ACSR	0	0	451	143	119	17	10	0.02	6.18	4
CO21022	CO21021	12.95	38 1-	2ACSR	0	0	446	143	115	16	9	0.04	6.23	8
CO21020	CO21022	13.08	37 1-	2ACSR	0	0	439	142	112	16	9	0.07	6.29	11
CO20888	CO21020	13.14	34 1-	2ACSR	0	0	436	142	111	15	9	0.03	6.32	6
CO20889	CO20888	13.23	33 1-	2ACSR	0	0	431	141	107	15	9	0.05	6.37	8
CO21018	CO20889	13.33	6 1-	4ACSR	0	0	425	141	16	2	2	0.01	6.38	0
CO21019	CO21018	13.42	4 1-	4ACSR	0	0	419	140	12	1	1	0.01	6.38	0
CO20947	CO21019	13.46	3 1-	4ACSR	0	0	416	140	5	0	1	0.00	6.38	0
CO20991	CO20947	13.50	1 1-	2ACSR	0	0	414	139	5	0	0	0.00	6.39	0
CO20990	CO20991	13.57	1 1-	2ACSR	0	0	411	139	5	0	0	0.00	6.39	0
CO20946	CO20947	13.60	2 1-	4ACSR	0	0	408	139	1	0	0	0.00	6.38	0
CO20968	CO20889	13.27	4 1-	4ACSR	0	0	429	141	21	3	2	0.01	6.37	0
CO20967	CO20968	13.31	4 1-	4ACSR	0	0	426	141	21	3	2	0.00	6.38	0
CO20966	CO20967	13.38	3 1-	4ACSR	0	0	421	140	10	1	1	0.00	6.38	0
CO-556117998	CO20966	13.46	1 1-	2ACSR	0	0	418	140	7	1	1	0.00	6.38	0
CO20965	CO20966	13.43	1 1-	4ACSR	0	0	418	140	3	0	0	0.00	6.38	0
CO20890	CO20889	13.29	22 1-	2ACSR	0	0	428	141	67	9	5	0.02	6.39	0
CO20912	CO20890	13.33	1 1-	2ACSR	0	0	426	141	8	1	1	0.00	6.39	0
CO20893	CO20890	13.44	21 1-	2ACSR	0	0	420	140	59	8	5	0.04	6.43	4
CO21016	CO20893	13.72	18 1-	2ACSR	0	0	407	139	51	7	4	0.06	6.49	4
CO21017	CO21016	13.78	17 1-	2ACSR	0	0	404	139	41	5	3	0.01	6.50	0
CO21014	CO21017	13.80	17 1-	2ACSR	0	0	403	138	40	5	3	0.00	6.50	0
CO21015	CO21014	13.84	15 1-	2ACSR	0	0	401	138	37	5	3	0.01	6.51	0
CO21013	CO21015	13.89	14 1-	2ACSR	0	0	399	138	34	4	3	0.01	6.52	0
CO21012	CO21013	13.95	13 1-	2ACSR	0	0	396	138	34	4	3	0.01	6.53	0
CO20911	CO21012	13.98	1 1-	4ACSR	0	0	394	137	2	0	0	0.00	6.53	0
CO20929	CO21012	13.99	11 1-	2ACSR	0	0	394	137	27	3	2	0.01	6.53	0
CO20928	CO20929	14.10	11 1-	2ACSR	0	0	390	137	27	3	2	0.01	6.55	0
CO20891	CO20928	14.13	9 1-	2ACSR	0	0	388	137	16	2	1	0.00	6.55	0
CO20952	CO20891	14.16	6 1-	2ACSR	0	0	387	137	15	2	1	0.00	6.55	0
CO20951	CO20952	14.39	6 1-	2ACSR	0	0	377	135	15	2	1	0.02	6.57	0
CO20950	CO20951	14.43	6 1-	2ACSR	0	0	376	135	15	2	1	0.00	6.57	0
CO21049	CO20950	14.48	1 1-	4ACSR	0	0	373	135	8	1	1	0.00	6.57	0
CO21046	CO20950	14.51	4 1-	2ACSR	0	0	372	135	6	0	0	0.00	6.57	0
CO21008	CO21046	14.63	3 1-	2ACSR	0	0	368	134	6	0	0	0.00	6.58	0
CO20974	CO21008	14.80	1 1-	4ACSR	0	0	359	133	4	0	0	0.00	6.58	0
CO20973	CO20974	14.86	1 1-	4ACSR	0	0	357	133	4	0	0	0.00	6.58	0
CO20972	CO20973	14.91	1 1-	4ACSR	0	0	355	132	4	0	0	0.00	6.58	0
CO20895	CO21008	14.82	2 1-	2ACSR	0	0	360	133	2	0	0	0.00	6.58	0
CO20904	CO20895	14.98	0 1-	4ACSR	0	0	353	132	0	0	0	0.00	6.58	0
SW635-B	CO20904	14.98	0 1-	Open	0	0	353	132	0	0	0	0.00	6.58	0
CO20915	CO20895	14.84	1 1-	4ACSR	0	0	359	133	2	0	0	0.00	6.58	0
CO20914	CO20895	14.85	1 1-	4ACSR	0	0	359	133	0	0	0	0.00	6.58	0
CO21009	CO20891	14.19	3 1-	4ACSR	0	0	385	136	1	0	0	0.00	6.55	0
CO21010	CO21009	15.26	2 1-	4ACSR	0	0	334	129	1	0	0	0.00	6.55	0
CO21011	CO21010	15.43	1 1-	4ACSR	0	0	327	128	0	0	0	0.00	6.55	0
CO20949	CO21011	15.70	1 1-	4ACSR	0	0	317	126	0	0	0	0.00	6.55	0
CO20948	CO20928	14.42	2 1-	4ACSR	0	0	373	135	11	1	1	0.02	6.57	0
CO21042	CO20948	14.46	1 1-	4ACSR	0	0	371	134	9	1	1	0.00	6.57	0
CO21043	CO21042	14.51	0 1-	4ACSR	0	0	368	134	0	0	0	0.00	6.57	0
CO20892	CO20893	13.50	3 1-	4ACSR	0	0	417	140	9	1	1	0.00	6.43	0
CO20910	CO20892	13.59	1 1-	4ACSR	0	0	411	139	2	0	0	0.00	6.43	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20970	CO20892	13.56	2 1-	4ACSR	0	0	413	139	6	0	1	0.00	6.43	0
CO20969	CO20970	13.61	1 1-	4ACSR	0	0	410	139	6	0	1	0.00	6.44	0
CO20909	CO20888	13.21	1 1-	4ACSR	0	0	432	141	4	0	0	0.00	6.32	0
CO20945	CO21020	13.26	3 1-	4ACSR	0	0	427	141	1	0	0	0.00	6.29	0
CO20944	CO20945	13.38	3 1-	4ACSR	0	0	419	140	1	0	0	0.00	6.29	0
CO20943	CO20944	13.50	2 1-	4ACSR	0	0	412	139	0	0	0	0.00	6.29	0
CO20942	CO20943	13.62	1 1-	4ACSR	0	0	405	138	0	0	0	0.00	6.29	0
CO20941	CO20942	13.71	1 1-	4ACSR	0	0	400	137	0	0	0	0.00	6.29	0
CO20940	CO20941	13.79	1 1-	4ACSR	0	0	395	137	0	0	0	0.00	6.29	0
CO20939	CO20940	13.88	1 1-	4ACSR	0	0	390	136	0	0	0	0.00	6.29	0
CO20938	CO20939	14.00	1 1-	4ACSR	0	0	384	135	0	0	0	0.00	6.29	0
CO21083	CO21182	11.89	1 1-	4ACSR	0	0	509	148	0	0	0	0.00	5.36	0
CO21078	CO21059	10.44	1 1-	4ACSR	0	0	644	158	6	0	1	0.00	4.47	0
CO21140	CO21060	10.18	3 1-	4ACSR	0	0	675	160	1	0	0	0.00	4.26	0
CO21141	CO21140	10.40	3 1-	4ACSR	0	0	644	158	1	0	0	0.00	4.26	0
CO21185	CO21141	10.97	3 1-	4ACSR	0	0	574	152	1	0	0	0.00	4.26	0
CO21142	CO21185	11.33	3 1-	4ACSR	0	0	535	149	1	0	0	0.00	4.26	0
CO21075	CO21142	11.46	0 1-	4ACSR	0	0	523	148	0	0	0	0.00	4.26	0
CO21143	CO21142	11.38	3 1-	4ACSR	0	0	531	149	1	0	0	0.00	4.26	0
CO21144	CO21143	11.71	3 1-	4ACSR	0	0	500	146	1	0	0	0.00	4.27	0
CO21183	CO21144	11.81	0 1-	4ACSR	0	0	492	145	0	0	0	0.00	4.27	0
CO21184	CO21183	12.04	0 1-	4ACSR	0	0	472	144	0	0	0	0.00	4.27	0
CO21072	CO21144	12.07	1 1-	4ACSR	0	0	470	143	0	0	0	0.00	4.27	0
CO21145	CO21144	11.94	2 1-	4ACSR	0	0	481	144	1	0	0	0.00	4.27	0
CO23672	CO21145	12.47	1 1-	4ACSR	0	0	440	140	0	0	0	0.00	4.27	0
CO21068+	CO21055	8.44	1 1-	4ACSR	0	0	723	267	3	0	0	0.00	3.03	0
CO21067+	CO21054	8.45	1 1-	4ACSR	0	0	722	267	4	0	0	0.00	3.02	0
CO21066+	CO21101	8.39	1 1-	4ACSR	0	0	728	267	11	0	1	0.00	3.01	0
CO21073+	CO21053	8.13	1 1-	4ACSR	0	0	754	271	0	0	0	0.00	2.81	0
CO21065+	CO21053	8.08	1 1-	4ACSR	0	0	759	272	0	0	0	0.00	2.81	0
CO21064+	CO21052	7.84	0 1-	4ACSR	0	0	784	275	0	0	0	0.00	2.73	0
CO21063+	CO21052	7.85	1 1-	4ACSR	0	0	783	275	2	0	0	0.00	2.73	0
CO21095+	CO21094	7.82	2 1-	4ACSR	0	0	787	276	3	0	0	0.00	2.69	0
CO21096+	CO21095	7.88	1 1-	4ACSR	0	0	780	275	0	0	0	0.00	2.69	0
CO21089+	CO21093	7.67	1 1-	2ACSR	0	0	805	278	12	0	0	0.00	2.65	0
CO21061+	CO21051	7.60	1 1-	4ACSR	0	0	812	279	3	0	0	0.00	2.62	0
CO21091+	CO21090	7.33	5 1-	4ACSR	0	0	844	283	22	1	1	0.00	2.49	0
CO21092+	CO21091	7.36	2 1-	4ACSR	0	0	841	283	8	0	0	0.00	2.49	0
CO23009+	CO22910	7.25	6 1-	4ACSR	0	0	854	284	7	0	0	0.00	2.41	0
CO23010+	CO23009	7.38	6 1-	4ACSR	0	0	838	282	7	0	0	0.00	2.42	0
CO23079+	CO23010	7.54	3 1-	4ACSR	0	0	819	280	3	0	0	0.00	2.42	0
CO23081+	CO23079	7.59	3 1-	4ACSR	0	0	813	279	3	0	0	0.00	2.42	0
CO23082+	CO23081	7.64	0 1-	4ACSR	0	0	807	278	0	0	0	0.00	2.42	0
CO23049+	CO23082	7.70	0 1-	4ACSR	0	0	800	277	0	0	0	0.00	2.42	0
CO23080+	CO23079	7.59	0 1-	4ACSR	0	0	813	279	0	0	0	0.00	2.42	0
CO23036+	CO23080	7.76	0 1-	4ACSR	0	0	794	277	0	0	0	0.00	2.42	0
CO23047+	CO23010	7.42	3 1-	4ACSR	0	0	833	282	4	0	0	0.00	2.42	0
CO23048+	CO23047	7.51	3 1-	4ACSR	0	0	822	280	4	0	0	0.00	2.42	0
CO22950+	CO22909	7.17	1 1-	4ACSR	0	0	865	286	13	0	1	0.00	2.34	0
CO22949+	CO23025	7.15	2 1-	4ACSR	0	0	868	286	0	0	0	0.00	2.33	0
CO22934+	CO22899	6.78	1 1-	4ACSR	0	0	917	292	4	0	0	0.00	2.13	0
CO23003+	CO23018	6.03	3 1-	4ACSR	0	0	1036	305	15	1	1	0.00	1.62	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23015+	CO23003	6.08	1 1-	4ACSR	0	0	1027	304	0	0	0	0.00	1.62	0
CO23016+	CO23015	6.12	1 1-	4ACSR	0	0	1020	303	0	0	0	0.00	1.62	0
CO23019+	CO23018	6.05	2 1-	4ACSR	0	0	1032	304	5	0	0	0.00	1.62	0
CO23020+	CO23019	6.11	1 1-	4ACSR	0	0	1022	303	0	0	0	0.00	1.62	0
CO-2135189148+	CO23019	6.20	1 1-	2ACSR	0	0	1011	303	5	0	0	0.00	1.62	0
CO22606+	CO22609	5.13	5 1-	4ACSR	0	0	1163	314	10	0	0	0.00	1.35	0
CO22607+	CO22606	5.19	5 1-	4ACSR	0	0	1152	313	10	0	0	0.00	1.35	0
CO22603+	CO22607	5.23	4 1-	4ACSR	0	0	1143	312	5	0	0	0.00	1.35	0
CO22604+	CO22603	5.27	3 1-	4ACSR	0	0	1134	311	5	0	0	0.00	1.35	0
CO22602+	CO22604	5.37	3 1-	4ACSR	0	0	1114	310	5	0	0	0.00	1.35	0
CO23052+	CO22602	5.46	3 1-	2ACSR	0	0	1100	308	5	0	0	0.00	1.35	0
CO23053+	CO23052	5.63	3 1-	2ACSR	0	0	1073	306	5	0	0	0.00	1.35	0
CO23054+	CO23053	5.69	2 1-	2ACSR	0	0	1065	306	5	0	0	0.00	1.35	0
CO22605+	CO22607	5.25	1 1-	4ACSR	0	0	1139	312	5	0	0	0.00	1.35	0
CO22623+	CO22626	3.82	6 1-	1/0ACSR	0	0	1403	327	22	1	1	0.00	1.06	0
OC192177210+	CO22623	3.82	3 1-	15 N FUSE	0	0	1403	327	9	0	4	0.00	1.06	0
CO22624+	OC192177210	3.88	3 1-	1/0ACSR	0	0	1391	327	9	0	0	0.00	1.06	0
CO22584+	CO22627	3.63	2 1-	1/0ACSR	0	0	1444	329	12	0	0	0.00	1.02	0
OC1148502624+	CO22584	3.63	0 1-	15 N FUSE	0	0	1444	329	0	0	0	0.00	1.02	0
CO22598+	CO22629	3.32	0 1-	2ACSR	0	0	1517	332	0	0	0	0.00	0.95	0
OC768680511+	CO22598	3.32	0 1-	15 N FUSE	0	0	1517	332	0	0	0	0.00	0.95	0
CO20842+	CO20828	3.23	249 3-	1/0ACSR	1714	1641	1541	333	1164	27	12	0.00	0.94	8
CO23845+	CO20842	3.36	248 3-	1/0ACSR	1687	1612	1509	332	1155	26	12	0.03	0.97	54
CO22631+	CO23845	3.66	248 3-	1/0ACSR	1626	1548	1438	329	1155	26	12	0.08	1.05	126
XFMR54	CO22631	3.66	248 3-	333 KVA 1PH AUT	987	975	950	174	1155	26	117	1.34	2.39	0
CO22559	XFMR54	3.73	248 3-	1/0ACSR	979	966	938	174	1155	53	23	0.07	2.46	115
CO22739	CO22559	3.73	233 3-	1/0ACSR	978	965	937	174	1079	50	22	0.01	2.46	10
OC690	CO22739	3.73	233 3-	70 L OCR	978	965	937	174	1079	50	72	0.00	2.46	0
CO22740	OC690	3.76	233 3-	1/0ACSR	975	961	932	173	1079	50	22	0.02	2.49	39
CO22632	CO22740	3.78	232 3-	1/0ACSR	972	959	929	173	1079	50	22	0.02	2.51	27
CO22633	CO22632	3.82	232 3-	1/0ACSR	967	953	922	173	1079	50	22	0.04	2.54	63
CO22634	CO22633	3.85	232 3-	1/0ACSR	963	949	917	173	1078	50	22	0.03	2.57	46
CO22635	CO22634	3.89	232 3-	1/0ACSR	958	943	910	173	1078	50	22	0.04	2.61	59
CO22636	CO22635	3.95	232 3-	1/0ACSR	951	936	900	172	1078	50	22	0.05	2.66	86
CO23705	CO22636	4.15	232 3-	1/0ACSR	928	910	869	171	1078	50	22	0.18	2.84	289
CO21598	CO23705	4.27	232 3-	1/0ACSR	915	895	851	171	1076	50	22	0.11	2.95	173
CO21664	CO21598	4.32	3 1-	4ACSR	0	0	843	170	9	1	1	0.00	2.95	0
OC415749861	CO21664	4.32	3 1-	15 N FUSE	0	0	843	170	9	1	8	0.00	2.95	0
CO21665	OC415749861	4.37	3 1-	4ACSR	0	0	833	170	9	1	1	0.00	2.96	0
CO21668	CO21665	4.57	2 1-	2ACSR	0	0	802	168	7	1	1	0.01	2.96	0
CO21669	CO21668	4.67	1 1-	2ACSR	0	0	787	167	7	1	1	0.00	2.97	0
CO-1271153133	CO21669	4.71	1 1-	2ACSR	0	0	780	167	7	1	1	0.00	2.97	0
CO21670	CO21669	4.74	0 1-	2ACSR	0	0	777	167	0	0	0	0.00	2.97	0
CO21666	CO21665	4.53	1 1-	4ACSR	0	0	804	168	1	0	0	0.00	2.96	0
CO21667	CO21666	4.59	1 1-	4ACSR	0	0	794	167	1	0	0	0.00	2.96	0
CO21599	CO21598	4.31	229 3-	1/0ACSR	910	890	845	171	1067	50	22	0.04	2.99	61
CO21671	CO21599	4.33	228 3-	1/0ACSR	908	888	843	170	1066	50	22	0.02	3.01	27
CO21672	CO21671	4.37	228 3-	1/0ACSR	904	883	837	170	1066	50	22	0.03	3.04	53
CO21673	CO21672	4.38	228 3-	1/0ACSR	902	881	835	170	1066	50	22	0.01	3.05	20
CO21678	CO21673	4.44	224 3-	1/0ACSR	896	875	827	170	1043	48	21	0.05	3.10	76
CO21679	CO21678	4.46	224 3-	1/0ACSR	893	872	824	170	1043	48	21	0.02	3.13	37
CO30559	CO21679	4.50	224 3-	1/0ACSR	889	867	818	170	1043	48	21	0.03	3.16	53

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21920	CO30559	4.51	4 1-	1/0ACSR	0	0	817	169	9	1	1	0.00	3.16	0
OC653	CO21920	4.51	4 1-	10 N FUSE	0	0	817	169	9	1	12	0.00	3.16	0
CO21921	OC653	4.55	4 1-	1/0ACSR	0	0	812	169	9	1	1	0.00	3.16	0
CO21680	CO21921	4.60	4 1-	1/0ACSR	0	0	805	169	9	1	1	0.00	3.16	0
CO21681	CO21680	4.62	3 1-	1/0ACSR	0	0	802	169	8	1	1	0.00	3.16	0
CO21682	CO21681	4.75	3 1-	1/0ACSR	0	0	786	168	8	1	1	0.00	3.17	0
CO21683	CO21682	4.82	2 1-	1/0ACSR	0	0	776	168	8	1	1	0.00	3.17	0
CO21684	CO21683	4.84	1 1-	1/0ACSR	0	0	773	168	8	1	1	0.00	3.17	0
CO21685	CO21684	5.00	1 1-	1/0ACSR	0	0	754	167	8	1	1	0.00	3.17	0
CO21686	CO21685	5.20	1 1-	1/0ACSR	0	0	731	166	8	1	1	0.01	3.18	0
CO21687	CO21686	5.23	1 1-	1/0ACSR	0	0	727	166	8	1	1	0.00	3.18	0
CO23734	CO21687	5.35	1 1-	1/0ACSR	0	0	715	165	8	1	1	0.00	3.18	0
CO20358	CO23734	5.48	1 1-	1/0ACSR	0	0	700	164	8	1	1	0.00	3.19	0
CO20359	CO20358	5.75	1 1-	1/0ACSR	0	0	674	163	8	1	1	0.01	3.19	0
CO20360	CO20359	5.79	1 1-	1/0ACSR	0	0	670	163	8	1	1	0.00	3.19	0
CO20361	CO20360	5.97	1 1-	1/0ACSR	0	0	652	162	8	1	1	0.00	3.20	0
CO20362	CO20361	6.05	1 1-	1/0ACSR	0	0	645	162	8	1	1	0.00	3.20	0
CO20363	CO20362	6.10	1 1-	1/0ACSR	0	0	640	161	8	1	1	0.00	3.20	0
CO21688	CO30559	4.52	220 3-	1/0ACSR	887	864	815	169	1034	48	21	0.02	3.18	29
CO21689	CO21688	4.58	219 3-	1/0ACSR	880	857	807	169	1031	48	21	0.05	3.23	83
CO21690	CO21689	4.69	219 3-	1/0ACSR	870	845	793	169	1030	48	21	0.09	3.32	139
CO21691	CO21690	4.76	219 3-	1/0ACSR	862	837	784	168	1030	48	21	0.06	3.38	95
CO21692	CO21691	4.78	219 3-	1/0ACSR	860	834	781	168	1029	48	21	0.02	3.40	31
CO21600	CO21692	4.80	218 3-	1/0ACSR	858	832	779	168	1024	48	21	0.02	3.42	26
CO21697	CO21600	4.98	216 3-	1/0ACSR	839	812	756	167	1011	47	21	0.16	3.58	237
CO21698	CO21697	5.02	215 3-	1/0ACSR	836	808	752	167	1005	47	21	0.03	3.61	44
CO21696	CO21698	5.03	215 3-	1/0ACSR	834	807	750	167	1005	47	21	0.01	3.62	19
CO21922	CO21696	5.04	23 1-	6ACWC	0	0	749	167	98	13	10	0.00	3.63	0
OC652	CO21922	5.04	23 1-	10 N FUSE	0	0	749	167	98	13	138	0.00	3.63	0
CO21923	OC652	5.14	23 1-	6ACWC	0	0	734	166	98	13	10	0.06	3.69	10
CO21643	CO21923	5.21	1 1-	6ACWC	0	0	723	165	9	1	1	0.00	3.69	0
CO21642	CO21923	5.23	1 1-	6ACWC	0	0	720	165	7	1	1	0.00	3.69	0
CO21699	CO21923	5.27	21 1-	6ACWC	0	0	714	164	82	11	8	0.07	3.76	10
CO21700	CO21699	5.31	20 1-	6ACWC	0	0	709	164	82	11	8	0.02	3.78	2
CO21701	CO21700	5.38	20 1-	6ACWC	0	0	698	163	82	11	8	0.04	3.82	5
CO21702	CO21701	5.68	19 1-	6ACWC	0	0	657	160	72	10	7	0.13	3.95	15
CO21703	CO21702	5.73	18 1-	6ACWC	0	0	651	160	63	8	6	0.02	3.97	2
CO21605	CO21703	5.79	17 1-	6ACWC	0	0	643	159	54	7	5	0.02	3.99	0
CO21706	CO21605	5.88	14 1-	6ACWC	0	0	633	158	46	6	5	0.02	4.01	0
CO21709	CO21706	5.89	4 1-	6ACWC	0	0	630	158	13	1	1	0.00	4.01	0
CO21710	CO21709	5.91	3 1-	6ACWC	0	0	628	158	11	1	1	0.00	4.01	0
CO21718	CO21710	6.01	2 1-	6ACWC	0	0	616	157	4	0	0	0.00	4.02	0
CO21719	CO21718	6.09	1 1-	6ACWC	0	0	607	156	4	0	0	0.00	4.02	0
CO21720	CO21719	6.26	0 1-	6ACWC	0	0	586	155	0	0	0	0.00	4.02	0
CO21721	CO21720	6.52	0 1-	6ACWC	0	0	559	152	0	0	0	0.00	4.02	0
CO21707	CO21706	5.91	9 1-	6ACWC	0	0	628	158	28	3	3	0.01	4.02	0
CO21708	CO21707	5.96	8 1-	6ACWC	0	0	622	158	25	3	3	0.01	4.02	0
CO21711	CO21708	6.00	8 1-	6ACWC	0	0	617	157	25	3	3	0.01	4.03	0
CO21663	CO21711	6.02	0 1-	2ACSR	0	0	615	157	0	0	0	0.00	4.03	0
CO21712	CO21711	6.04	8 1-	6ACWC	0	0	612	157	25	3	3	0.01	4.04	0
CO21713	CO21712	6.10	7 1-	6ACWC	0	0	605	156	22	3	2	0.01	4.04	0
CO21714	CO21713	6.13	5 1-	6ACWC	0	0	602	156	8	1	1	0.00	4.05	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21715	CO21714	6.19	5 1-	6ACWC	0	0	594	155	8	1	1	0.00	4.05	0
CO805472466	CO21715	6.33	5 1-	2ACSR	0	0	581	154	8	1	1	0.01	4.05	0
CO435618888	CO805472466	6.41	4 1-	2ACSR	0	0	575	154	3	0	0	0.00	4.05	0
CO21717	CO435618888	6.49	0 1-	6ACWC	0	0	566	153	0	0	0	0.00	4.05	0
CO1166192966	CO435618888	6.75	4 1-	2ACSR	0	0	546	152	3	0	0	0.00	4.06	0
CO1256642813	CO1166192966	6.82	1 1-	2ACSR	0	0	540	151	0	0	0	0.00	4.06	0
CO1545395685	CO1256642813	6.88	1 1-	2ACSR	0	0	535	151	0	0	0	0.00	4.06	0
CO-767288974	CO805472466	6.35	1 1-	2ACSR	0	0	580	154	5	0	0	0.00	4.05	0
CO-1433453861	CO-767288974	6.39	1 1-	1/0PRIURD	0	0	577	310	5	0	1	0.00	4.05	0
CO21657	CO21712	6.08	0 1-	6ACWC	0	0	608	156	0	0	0	0.00	4.04	0
CO21704	CO21605	5.84	1 1-	6ACWC	0	0	637	159	4	0	0	0.00	3.99	0
CO21705	CO21704	5.89	1 1-	6ACWC	0	0	631	158	4	0	0	0.00	3.99	0
CO21655	CO21703	5.75	1 1-	6ACWC	0	0	648	159	9	1	1	0.00	3.97	0
CO21722	CO21696	5.21	190 3-	1/0ACSR	817	788	730	166	904	42	19	0.13	3.76	181
CO21723	CO21722	5.23	189 3-	1/0ACSR	815	786	727	166	895	42	18	0.02	3.77	23
CO21724	CO21723	5.28	189 3-	1/0ACSR	811	781	722	165	894	42	18	0.03	3.81	46
CO21601	CO21724	5.37	188 3-	1/0ACSR	802	772	712	165	884	41	18	0.07	3.88	95
CO21602	CO21601	5.47	187 3-	1/0ACSR	793	761	701	164	883	41	18	0.08	3.96	102
CO21729	CO21602	5.54	182 3-	1/0ACSR	787	755	694	164	854	40	18	0.05	4.00	59
CO21730	CO21729	5.56	181 3-	1/0ACSR	785	753	692	164	853	40	18	0.01	4.02	18
CO21731	CO21730	5.59	179 3-	1/0ACSR	782	750	689	164	850	40	17	0.02	4.04	28
CO30560	CO21731	5.66	178 3-	1/0ACSR	776	743	681	164	837	39	17	0.05	4.09	66
CO21732	CO30560	5.68	176 3-	1/0ACSR	774	741	679	163	833	39	17	0.01	4.11	18
CO21653	CO21732	5.72	3 1-	4ACSR	0	0	674	163	13	1	1	0.00	4.11	0
OC-697619997	CO21653	5.72	0 1-	15 N FUSE	0	0	674	163	0	0	0	0.00	4.11	0
CO21733	CO21732	5.70	171 3-	1/0ACSR	773	740	678	163	815	38	17	0.01	4.12	13
CO21734	CO21733	5.72	168 3-	1/0ACSR	771	738	675	163	802	37	16	0.01	4.13	18
CO21735	CO21734	5.73	167 3-	1/0ACSR	770	737	674	163	790	37	16	0.01	4.14	8
CO21758	CO21735	5.81	138 3-	1/0ACSR	763	730	667	163	662	31	14	0.04	4.18	43
CO21759	CO21758	5.90	136 3-	1/0ACSR	756	722	658	162	652	30	13	0.05	4.23	48
CO21760	CO21759	5.99	134 3-	1/0ACSR	748	714	650	162	647	30	13	0.05	4.28	48
CO21761	CO21760	6.01	132 3-	1/0ACSR	746	711	647	162	637	30	13	0.02	4.30	15
CO21647	CO21761	6.11	1 1-	4ACSR	0	0	636	161	2	0	0	0.00	4.30	0
OC1829505773	CO21647	6.11	0 1-	15 N FUSE	0	0	636	161	0	0	0	0.00	4.30	0
CO21646	CO21761	6.12	1 1-	4ACSR	0	0	635	161	9	1	1	0.00	4.30	0
OC-767824631	CO21646	6.12	0 1-	15 N FUSE	0	0	635	161	0	0	0	0.00	4.30	0
CO21924	CO21761	6.02	53 1-	6ACWC	0	0	647	162	220	31	22	0.01	4.31	3
OC654	CO21924	6.02	53 1-	50 L OCR	0	0	647	162	220	31	0	0.00	4.31	0
CO-737095448	OC654	6.10	53 1-	2ACSR	0	0	639	161	220	31	17	0.08	4.38	26
CO-217193289	CO-737095448	6.11	52 1-	2ACSR	0	0	638	161	215	30	17	0.01	4.39	3
CO21762	CO-217193289	6.20	52 1-	6ACWC	0	0	626	160	215	30	22	0.14	4.53	48
CO21603	CO21762	6.43	50 1-	6ACWC	0	0	601	158	211	30	21	0.31	4.84	108
CO21763	CO21603	6.50	49 1-	6ACWC	0	0	593	157	210	29	21	0.10	4.94	33
CO21764	CO21763	6.53	47 1-	6ACWC	0	0	590	157	194	27	20	0.04	4.98	12
CO21649	CO21764	6.57	1 1-	6ACWC	0	0	585	157	8	1	1	0.00	4.98	0
CO21654	CO21764	6.58	1 1-	6ACWC	0	0	584	157	3	0	0	0.00	4.98	0
CO21765	CO21764	6.62	45 1-	6ACWC	0	0	580	156	183	26	19	0.11	5.08	32
CO21766	CO21765	6.82	43 1-	6ACWC	0	0	559	154	175	24	18	0.23	5.31	65
CO21767	CO21766	6.89	42 1-	6ACWC	0	0	553	154	167	23	17	0.07	5.38	20
CO21768	CO21767	6.96	41 1-	6ACWC	0	0	546	153	164	23	17	0.07	5.45	19
CO21769	CO21768	6.98	40 1-	6ACWC	0	0	544	153	155	22	16	0.02	5.48	6
CO21770	CO21769	7.06	39 1-	6ACWC	0	0	536	152	147	21	15	0.08	5.55	18

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21771	CO21770	7.27	38 1-	6ACWC	0	0	517	150	145	20	15	0.20	5.75	46
CO21772	CO21771	7.33	37 1-	6ACWC	0	0	512	150	139	20	14	0.05	5.80	12
CO21773	CO21772	7.43	36 1-	6ACWC	0	0	504	149	134	19	14	0.09	5.89	19
CO21651	CO21773	7.50	1 1-	6ACWC	0	0	497	148	3	0	0	0.00	5.89	0
CO21650	CO21773	7.62	0 1-	6ACWC	0	0	488	147	0	0	0	0.00	5.89	0
CO30541	CO21773	7.56	35 1-	6ACWC	0	0	493	148	131	18	14	0.11	6.00	24
CO21194	CO30541	7.65	29 1-	6ACWC	0	0	485	147	118	17	12	0.07	6.07	14
CO21351	CO21194	7.66	28 1-	6ACWC	0	0	485	147	117	16	12	0.01	6.08	0
OC639	CO21351	7.66	28 1-	25 H OCR	0	0	485	147	117	16	67	0.00	6.08	0
CO21352	OC639	7.78	28 1-	6ACWC	0	0	475	146	117	16	12	0.09	6.17	18
CO21275	CO21352	7.93	28 1-	6ACWC	0	0	464	145	116	16	12	0.11	6.28	21
CO21221	CO21275	8.01	1 1-	6ACWC	0	0	458	144	1	0	0	0.00	6.28	0
CO21200	CO21275	8.07	26 1-	6ACWC	0	0	454	144	111	16	11	0.10	6.39	19
CO21217	CO21200	8.11	1 1-	6ACWC	0	0	450	143	8	1	1	0.00	6.39	0
CO21280	CO21200	8.08	25 1-	6ACWC	0	0	453	144	103	14	11	0.01	6.40	0
CO21279	CO21280	8.13	24 1-	6ACWC	0	0	449	143	96	13	10	0.03	6.43	5
CO21283	CO21279	8.15	24 1-	6ACWC	0	0	448	143	95	13	10	0.01	6.44	0
CO21281	CO21283	8.20	22 1-	6ACWC	0	0	445	143	86	12	9	0.02	6.46	3
CO21282	CO21281	8.26	21 1-	6ACWC	0	0	440	142	79	11	8	0.03	6.50	4
CO21322	CO21282	8.33	4 1-	6ACWC	0	0	436	142	18	2	2	0.01	6.50	0
CO21321	CO21322	8.38	3 1-	6ACWC	0	0	432	141	16	2	2	0.01	6.51	0
CO-955322299	CO21321	8.42	1 1-	2ACSR	0	0	430	141	12	1	1	0.00	6.51	0
CO21286	CO21282	8.36	16 1-	6ACWC	0	0	433	142	60	8	6	0.04	6.53	4
CO21284	CO21286	8.44	15 1-	6ACWC	0	0	428	141	51	7	5	0.03	6.56	0
CO-1500343273	CO21284	8.50	0 1-	2ACSR	0	0	425	141	0	0	0	0.00	6.56	0
CO21285	CO21284	8.57	14 1-	6ACWC	0	0	420	140	43	6	4	0.03	6.59	2
CO21288	CO21285	8.76	12 1-	6ACWC	0	0	409	139	41	5	4	0.05	6.64	3
CO21287	CO21288	8.83	12 1-	6ACWC	0	0	404	138	41	5	4	0.02	6.66	0
CO21330	CO21287	8.89	1 1-	6ACWC	0	0	401	138	11	1	1	0.00	6.67	0
CO21329	CO21330	8.94	1 1-	6ACWC	0	0	398	137	11	1	1	0.00	6.67	0
CO21289	CO21287	8.85	1 1-	6ACWC	0	0	403	138	0	0	0	0.00	6.66	0
CO21291	CO21289	9.32	1 1-	6ACWC	0	0	377	135	0	0	0	0.00	6.67	0
CO21290	CO21291	9.38	1 1-	6ACWC	0	0	374	134	0	0	0	0.00	6.67	0
CO21218	CO21290	9.44	1 1-	6ACWC	0	0	371	134	0	0	0	0.00	6.67	0
CO21328	CO21218	9.55	1 1-	6ACWC	0	0	366	133	0	0	0	0.00	6.67	0
CO21323	CO21328	9.65	1 1-	6ACWC	0	0	361	132	0	0	0	0.00	6.67	0
CO21327	CO21323	9.70	1 1-	6ACWC	0	0	359	132	0	0	0	0.00	6.67	0
CO21324	CO21327	9.75	1 1-	6ACWC	0	0	356	132	0	0	0	0.00	6.67	0
CO21326	CO21324	9.82	1 1-	6ACWC	0	0	353	131	0	0	0	0.00	6.67	0
CO21325	CO21326	9.87	1 1-	6ACWC	0	0	351	131	0	0	0	0.00	6.67	0
CO21195	CO21287	8.90	10 1-	6ACWC	0	0	400	137	30	4	3	0.01	6.68	0
CO-706580733	CO21195	9.08	9 1-	2ACSR	0	0	392	137	27	3	2	0.02	6.70	0
CO937351556	CO-706580733	9.12	1 1-	2ACSR	0	0	390	136	0	0	0	0.00	6.70	0
CO-2120450629	CO-706580733	9.17	8 1-	2ACSR	0	0	388	136	27	3	2	0.01	6.71	0
CO1389486039	CO-2120450629	9.42	8 1-	2ACSR	0	0	378	135	27	3	2	0.03	6.74	0
CO21299	CO1389486039	9.55	5 1-	6ACWC	0	0	371	134	16	2	2	0.01	6.76	0
CO21292	CO21299	9.69	4 1-	6ACWC	0	0	364	133	14	2	2	0.01	6.77	0
CO21298	CO21292	9.81	3 1-	6ACWC	0	0	358	132	11	1	1	0.01	6.78	0
CO21293	CO21298	9.83	2 1-	6ACWC	0	0	357	132	2	0	0	0.00	6.78	0
CO21297	CO21293	9.85	1 1-	6ACWC	0	0	357	132	2	0	0	0.00	6.78	0
CO21294	CO21297	9.92	1 1-	6ACWC	0	0	353	131	2	0	0	0.00	6.78	0
CO21296	CO21294	10.14	1 1-	6ACWC	0	0	343	130	2	0	0	0.00	6.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21295	CO21296	10.21	1 1-	6ACWC	0	0	340	130	2	0	0	0.00	6.78	0
CO21331	CO1389486039	9.54	3 1-	6ACWC	0	0	371	134	11	1	1	0.01	6.75	0
CO21223	CO21331	9.59	1 1-	4/0ACSR	0	0	370	134	1	0	0	0.00	6.75	0
CO21333	CO21331	9.61	2 1-	6ACWC	0	0	368	134	10	1	1	0.00	6.76	0
CO21332	CO21333	9.68	1 1-	6ACWC	0	0	364	133	6	0	1	0.00	6.76	0
CO21196	CO21195	8.97	1 1-	6ACWC	0	0	396	137	2	0	0	0.00	6.68	0
CO21220	CO21196	9.06	1 1-	6ACWC	0	0	391	136	2	0	0	0.00	6.68	0
CO21219	CO21196	9.02	0 1-	6ACWC	0	0	393	137	0	0	0	0.00	6.68	0
CO21276	CO21200	8.41	0 1-	6ACWC	0	0	430	141	0	0	0	0.00	6.39	0
CO21278	CO21276	8.72	0 1-	6ACWC	0	0	411	139	0	0	0	0.00	6.39	0
CO21277	CO21278	9.04	0 1-	6ACWC	0	0	392	136	0	0	0	0.00	6.39	0
CO21216	CO21194	7.73	1 1-	6ACWC	0	0	479	147	2	0	0	0.00	6.07	0
CO21198	CO30541	7.76	6 1-	6ACWC	0	0	476	146	13	1	1	0.02	6.02	0
CO21353	CO21198	8.00	1 1-	6ACWC	0	0	458	144	0	0	0	0.00	6.02	0
CO23745	CO21353	8.16	1 1-	6ACWC	0	0	447	143	0	0	0	0.00	6.02	0
CO21199	CO21198	7.86	5 1-	6ACWC	0	0	469	145	13	1	1	0.01	6.02	0
CO30556	CO21199	7.97	2 1-	6ACWC	0	0	461	145	11	1	1	0.01	6.03	0
CO21334	CO30556	7.98	1 1-	6ACWC	0	0	460	145	7	1	1	0.00	6.03	0
CO21222	CO21199	7.91	1 1-	6ACWC	0	0	465	145	0	0	0	0.00	6.02	0
CO21336	CO21199	8.05	2 1-	6ACWC	0	0	455	144	3	0	0	0.00	6.03	0
CO21335	CO21336	8.16	1 1-	6ACWC	0	0	447	143	1	0	0	0.00	6.03	0
CO21658	CO21763	6.59	1 1-	6ACWC	0	0	584	157	9	1	1	0.00	4.94	0
CO21648	CO21762	6.37	2 1-	6ACWC	0	0	607	159	4	0	0	0.00	4.53	0
CO-404456751	CO-737095448	6.20	1 1-	2ACSR	0	0	628	160	4	0	0	0.00	4.38	0
CO21774	CO21761	6.07	76 3-	1/0ACSR	742	707	643	162	405	19	8	0.02	4.31	11
CO21775	CO21774	6.10	75 3-	1/0ACSR	739	704	640	161	400	18	8	0.01	4.32	6
CO21776	CO21775	6.11	74 3-	1/0ACSR	738	703	638	161	400	18	8	0.01	4.33	4
CO21777	CO21776	6.18	71 3-	1/0ACSR	732	697	632	161	391	18	8	0.02	4.35	14
CO21778	CO21777	6.22	71 3-	1/0ACSR	730	694	630	161	391	18	8	0.01	4.36	6
CO21779	CO21778	6.43	70 3-	1/0ACSR	713	676	611	160	390	18	8	0.07	4.44	43
CO21604	CO21779	6.45	65 3-	1/0ACSR	711	675	610	160	379	17	8	0.01	4.44	4
CO21584	CO21604	6.74	65 3-	1/0ACSR	690	653	587	158	379	17	8	0.09	4.53	53
CO21585	CO21584	6.83	63 3-	1/0ACSR	684	646	580	158	375	17	8	0.03	4.57	17
CO21609	CO21585	6.91	1 1-	4ACSR	0	0	572	157	0	0	0	0.00	4.57	0
OC561847537	CO21609	6.91	0 1-	15 N FUSE	0	0	572	157	0	0	0	0.00	4.57	0
CO21586	CO21585	6.92	62 3-	1/0ACSR	677	639	573	157	374	17	8	0.03	4.60	17
CO21587	CO21586	7.25	59 3-	1/0ACSR	655	616	550	156	366	17	8	0.10	4.70	57
CO21784	CO21587	7.30	3 2-	1/0ACSR	0	613	547	156	21	1	1	0.00	4.70	0
CO21627	CO21784	7.36	1 1-	4ACSR	0	0	541	155	21	3	2	0.00	4.70	0
CO21785	CO21784	7.35	2 2-	1/0ACSR	0	609	544	155	0	0	0	0.00	4.70	0
OC-1328186315	CO21785	7.35	1 2-	15 N FUSE	0	609	544	155	0	0	0	0.00	4.70	0
CO21628	OC-1328186315	7.40	1 2-	4ACSR	0	604	539	155	0	0	0	0.00	4.70	0
CO21786	CO21587	7.32	56 3-	1/0ACSR	650	611	545	155	344	16	7	0.02	4.72	10
CO21787	CO21786	7.37	56 3-	1/0ACSR	647	608	542	155	344	16	7	0.01	4.73	8
CO21629	CO21787	7.42	1 1-	4ACSR	0	0	538	155	6	0	1	0.00	4.73	0
OC-1340754495	CO21629	7.42	0 1-	15 N FUSE	0	0	538	155	0	0	0	0.00	4.73	0
CO21788	CO21787	7.42	55 3-	1/0ACSR	644	605	539	155	338	16	7	0.01	4.75	7
CO21789	CO21788	7.44	51 3-	1/0ACSR	643	603	538	155	329	15	7	0.00	4.75	2
CO21637	CO21789	7.47	12 1-	4ACSR	0	0	534	155	52	7	5	0.01	4.76	0
OC2085208967	CO21637	7.47	10 1-	15 N FUSE	0	0	534	155	41	5	39	0.00	4.76	0
CO21790	OC2085208967	7.50	10 1-	2ACSR	0	0	532	154	41	5	3	0.01	4.77	0
CO21791	CO21790	7.56	10 1-	2ACSR	0	0	528	154	41	5	3	0.01	4.78	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21792	CO21791	7.57	8 1-	2ACSR	0	0	527	154	32	4	3	0.00	4.78	0
CO21793	CO21792	7.62	5 1-	2ACSR	0	0	524	154	22	3	2	0.00	4.78	0
CO21794	CO21793	7.64	4 1-	2ACSR	0	0	523	154	20	2	2	0.00	4.79	0
CO21634	CO21794	7.71	2 1-	4ACSR	0	0	516	153	9	1	1	0.00	4.79	0
CO21795	CO21794	7.69	2 1-	4ACSR	0	0	518	153	10	1	1	0.00	4.79	0
CO21796	CO21795	7.77	2 1-	4ACSR	0	0	511	152	10	1	1	0.01	4.80	0
CO21797	CO21796	7.81	2 1-	4ACSR	0	0	508	152	10	1	1	0.00	4.80	0
CO21798	CO21797	8.01	2 1-	4ACSR	0	0	492	150	10	1	1	0.01	4.81	0
CO21799	CO21798	8.06	2 1-	4ACSR	0	0	488	150	10	1	1	0.00	4.82	0
CO21800	CO21799	8.16	1 1-	4ACSR	0	0	480	149	10	1	1	0.00	4.82	0
CO21801	CO21789	7.63	39 3-	1/0ACSR	631	591	525	154	277	13	6	0.05	4.80	19
CO-801342664	CO21801	7.66	0 1-	2ACSR	0	0	523	154	0	0	0	0.00	4.80	0
CO21802	CO21801	7.69	37 3-	1/0ACSR	627	587	522	154	265	12	5	0.01	4.81	5
CO21588	CO21802	7.74	34 3-	1/0ACSR	624	584	519	154	262	12	5	0.01	4.82	4
CO21612	CO21588	7.79	2 1-	4ACSR	0	0	515	153	9	1	1	0.00	4.82	0
OC625854964	CO21612	7.79	0 1-	15 N FUSE	0	0	515	153	0	0	0	0.00	4.82	0
CO21803	CO21588	7.76	32 3-	1/0ACSR	623	583	518	153	253	12	5	0.00	4.83	0
CO21805	CO21803	7.80	31 3-	1/0ACSR	621	581	515	153	250	11	5	0.01	4.83	3
CO21807	CO21805	7.84	4 1-	2ACSR	0	0	512	153	7	1	1	0.00	4.83	0
OC44002331	CO21807	7.84	2 1-	15 N FUSE	0	0	512	153	0	0	0	0.00	4.83	0
CO915297609	OC44002331	7.86	1 1-	2ACSR	0	0	511	153	0	0	0	0.00	4.83	0
CO21808	OC44002331	7.91	1 1-	2ACSR	0	0	508	153	0	0	0	0.00	4.83	0
CO21806	CO21805	7.81	27 3-	1/0ACSR	620	580	515	153	242	11	5	0.00	4.84	0
CO21804	CO21806	7.85	25 3-	1/0ACSR	617	578	512	153	227	10	5	0.01	4.84	3
CO21589	CO21804	7.95	15 3-	1/0ACSR	612	573	507	153	180	8	4	0.01	4.86	4
CO21930	CO21589	7.95	13 1-	4ACSR	0	0	506	153	48	6	5	0.00	4.86	0
OC649	CO21930	7.95	13 1-	10 N FUSE	0	0	506	153	48	6	69	0.00	4.86	0
CO21931	OC649	8.00	13 1-	4ACSR	0	0	503	152	48	6	5	0.01	4.87	0
CO21817	CO21931	8.05	11 1-	4ACSR	0	0	498	152	43	6	4	0.02	4.89	0
CO21818	CO21817	8.34	11 1-	4ACSR	0	0	476	149	43	6	4	0.08	4.97	6
CO21597	CO21818	8.41	9 1-	4ACSR	0	0	471	149	27	3	3	0.01	4.99	0
CO21821	CO21597	8.48	7 1-	4/0ACSR	0	0	468	148	25	3	1	0.00	4.99	0
CO21822	CO21821	8.59	5 1-	4/0ACSR	0	0	464	148	22	3	1	0.00	4.99	0
CO21823	CO21822	8.65	4 1-	4/0ACSR	0	0	461	148	11	1	0	0.00	4.99	0
CO-942639537	CO21823	8.82	1 1-	2ACSR	0	0	452	147	7	0	1	0.00	5.00	0
CO21824	CO21823	8.78	2 1-	4/0ACSR	0	0	457	148	1	0	0	0.00	4.99	0
CO21635	CO21597	8.45	2 1-	4/0ACSR	0	0	469	148	3	0	0	0.00	4.99	0
CO21819	CO21818	8.36	2 1-	4/0ACSR	0	0	475	149	16	2	1	0.00	4.97	0
CO21820	CO21819	8.43	1 1-	4/0ACSR	0	0	473	149	9	1	0	0.00	4.97	0
CO21596	CO21589	8.09	2 3-	1/0ACSR	603	565	498	152	132	6	3	0.02	4.88	3
CO21630	CO21596	8.14	1 3-	4ACSR	600	562	495	152	120	5	4	0.01	4.88	0
CO21825	CO21596	8.14	1 1-	1/0ACSR	0	0	496	152	12	1	1	0.00	4.88	0
OC-1936152119	CO21825	8.14	1 1-	15 N FUSE	0	0	496	152	12	1	11	0.00	4.88	0
CO21826	OC-1936152119	8.18	1 1-	1/0ACSR	0	0	494	152	12	1	1	0.00	4.88	0
CO21933	CO21596	8.10	0 3-	1/0ACSR	603	565	498	152	0	0	0	0.00	4.88	0
SW657-A	CO21933	8.10	0 3-	Open	603	565	498	152	0	0	0	0.00	4.88	0
CO21928	CO21804	7.86	10 1-	4ACSR	0	0	512	153	47	6	5	0.00	4.85	0
OC650	CO21928	7.86	10 1-	10 N FUSE	0	0	512	153	47	6	67	0.00	4.85	0
CO21929	OC650	7.97	10 1-	4ACSR	0	0	503	152	47	6	5	0.03	4.88	2
CO21809	CO21929	8.04	8 1-	4ACSR	0	0	497	151	43	6	4	0.02	4.90	0
CO21613	CO21809	8.13	1 1-	4ACSR	0	0	490	151	0	0	0	0.00	4.90	0
CO21810	CO21809	8.07	6 1-	4ACSR	0	0	494	151	38	5	4	0.01	4.91	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21811	CO21810	8.13	5 1-	4ACSR	0	0	490	151	33	4	3	0.01	4.92	0
CO21812	CO21811	8.16	5 1-	4ACSR	0	0	487	150	33	4	3	0.01	4.93	0
CO21813	CO21812	8.20	5 1-	4ACSR	0	0	485	150	33	4	3	0.01	4.93	0
CO21814	CO21813	8.27	3 1-	4ACSR	0	0	480	149	26	3	3	0.01	4.94	0
CO21815	CO21814	8.34	1 1-	4ACSR	0	0	474	149	9	1	1	0.00	4.94	0
CO21816	CO21815	8.38	0 1-	4ACSR	0	0	471	148	0	0	0	0.00	4.94	0
CO21611	CO21802	7.73	3 1-	4ACSR	0	0	518	153	3	0	0	0.00	4.81	0
OC973916398	CO21611	7.73	0 1-	15 N FUSE	0	0	518	153	0	0	0	0.00	4.81	0
CO21610	CO21586	7.04	2 1-	4ACSR	0	0	562	156	7	1	1	0.00	4.60	0
OC47851699	CO21610	7.04	0 1-	10 N FUSE	0	0	562	156	0	0	0	0.00	4.60	0
CO21782	CO21584	6.84	2 1-	4ACSR	0	0	576	157	4	0	0	0.00	4.54	0
OC-107442683	CO21782	6.84	2 1-	15 N FUSE	0	0	576	157	4	0	4	0.00	4.54	0
CO21783	OC-107442683	7.02	1 1-	4ACSR	0	0	559	156	0	0	0	0.00	4.54	0
CO21662	OC-107442683	6.89	1 1-	2ACSR	0	0	572	157	4	0	0	0.00	4.54	0
CO21926	CO21779	6.44	4 1-	4ACSR	0	0	610	160	10	1	1	0.00	4.44	0
OC651	CO21926	6.44	4 1-	10 N FUSE	0	0	610	160	10	1	15	0.00	4.44	0
CO21927	OC651	6.47	4 1-	4ACSR	0	0	608	159	10	1	1	0.00	4.44	0
CO21780	CO21927	6.48	4 1-	4ACSR	0	0	606	159	10	1	1	0.00	4.44	0
CO21781	CO21780	6.56	3 1-	4ACSR	0	0	597	158	8	1	1	0.00	4.44	0
CO21608	CO21781	6.70	1 1-	4ACSR	0	0	583	157	6	0	1	0.00	4.45	0
CO21607	CO21781	6.65	1 1-	4ACSR	0	0	588	158	0	0	0	0.00	4.44	0
CO21606	CO21781	6.62	1 1-	4ACSR	0	0	591	158	2	0	0	0.00	4.44	0
CO21652	CO21606	6.64	1 1-	4ACSR	0	0	589	158	2	0	0	0.00	4.44	0
CO21752	CO21735	5.79	9 1-	4ACSR	0	0	667	163	53	7	5	0.02	4.16	0
OC-1224035283	CO21752	5.79	6 1-	15 N FUSE	0	0	667	163	32	4	30	0.00	4.16	0
CO21753	OC-1224035283	5.93	6 1-	4ACSR	0	0	649	161	32	4	3	0.03	4.18	0
CO21756	CO21753	5.98	5 1-	4ACSR	0	0	643	161	25	3	3	0.01	4.19	0
CO21754	CO21756	6.04	2 1-	2ACSR	0	0	637	160	7	1	1	0.00	4.19	0
CO1285886472	CO21754	6.09	1 1-	2ACSR	0	0	631	160	3	0	0	0.00	4.19	0
CO21757	CO21756	6.02	3 1-	4ACSR	0	0	637	160	18	2	2	0.00	4.19	0
CO21755	CO21757	6.04	2 1-	4ACSR	0	0	635	160	6	0	1	0.00	4.19	0
CO21736	CO21735	5.83	20 1-	4ACSR	0	0	661	162	75	10	8	0.05	4.19	6
OC1345921433	CO21736	5.83	19 1-	15 N FUSE	0	0	661	162	71	10	67	0.00	4.19	0
CO21737	OC1345921433	5.84	19 1-	4ACSR	0	0	660	162	71	10	7	0.00	4.19	0
CO21645	CO21737	5.94	1 1-	4ACSR	0	0	648	161	4	0	0	0.00	4.19	0
CO21744	CO21737	5.90	5 1-	4ACSR	0	0	653	161	5	0	0	0.00	4.19	0
CO21745	CO21744	5.92	5 1-	4ACSR	0	0	650	161	5	0	0	0.00	4.20	0
CO21746	CO21745	6.03	3 1-	4ACSR	0	0	636	160	1	0	0	0.00	4.20	0
CO21747	CO21746	6.06	3 1-	4ACSR	0	0	633	160	1	0	0	0.00	4.20	0
CO21748	CO21747	6.07	1 1-	4ACSR	0	0	631	160	1	0	0	0.00	4.20	0
CO21749	CO21748	6.24	1 1-	4ACSR	0	0	611	158	1	0	0	0.00	4.20	0
CO21750	CO21749	6.31	1 1-	4ACSR	0	0	604	158	1	0	0	0.00	4.20	0
CO21751	CO21750	6.34	1 1-	4ACSR	0	0	600	157	1	0	0	0.00	4.20	0
CO21738	CO21737	5.86	13 1-	4ACSR	0	0	658	162	63	8	6	0.01	4.20	0
CO21739	CO21738	5.88	12 1-	4ACSR	0	0	656	162	56	7	6	0.01	4.20	0
CO21740	CO21739	5.89	10 1-	4ACSR	0	0	653	162	44	6	5	0.00	4.21	0
CO21741	CO21740	5.92	6 1-	4ACSR	0	0	651	161	28	4	3	0.00	4.21	0
CO21742	CO21741	6.00	5 1-	4ACSR	0	0	640	160	24	3	2	0.01	4.22	0
CO21743	CO21742	6.05	3 1-	4ACSR	0	0	634	160	19	2	2	0.00	4.23	0
CO21644	CO21602	5.55	2 1-	4ACSR	0	0	690	164	12	1	1	0.00	3.96	0
OC-585143829	CO21644	5.55	0 1-	15 N FUSE	0	0	690	164	0	0	0	0.00	3.96	0
CO21727	CO21601	5.46	1 1-	4ACSR	0	0	698	164	0	0	0	0.00	3.88	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1347325923	CO21727	5.46	1 1-	15 N FUSE	0	0	698	164	0	0	0	0.00	3.88	0
CO21728	OC-1347325923	5.52	1 1-	4ACSR	0	0	690	163	0	0	0	0.00	3.88	0
CO21725	CO21724	5.29	1 1-	1/0ACSR	0	0	721	165	11	1	1	0.00	3.81	0
OC1693438067	CO21725	5.29	0 1-	15 N FUSE	0	0	721	165	0	0	0	0.00	3.81	0
CO21726	OC1693438067	5.50	0 1-	1/0ACSR	0	0	698	164	0	0	0	0.00	3.81	0
CO21693	CO21600	4.84	2 1-	4ACSR	0	0	773	168	13	1	1	0.00	3.42	0
OC-604782552	CO21693	4.84	1 1-	15 N FUSE	0	0	773	168	10	1	9	0.00	3.42	0
CO21694	OC-604782552	4.91	0 1-	4ACSR	0	0	761	167	0	0	0	0.00	3.42	0
CO21695	CO21694	5.01	0 1-	4ACSR	0	0	744	166	0	0	0	0.00	3.42	0
CO21656	OC-604782552	4.91	1 1-	4ACSR	0	0	761	167	10	1	1	0.00	3.43	0
CO21641	CO21692	4.81	1 1-	4ACSR	0	0	777	168	5	0	1	0.00	3.41	0
OC-932696693	CO21641	4.81	0 1-	15 N FUSE	0	0	777	168	0	0	0	0.00	3.41	0
CO21674	CO21673	4.44	4 1-	4ACSR	0	0	824	169	22	3	2	0.01	3.06	0
OC317149101	CO21674	4.44	3 1-	15 N FUSE	0	0	824	169	21	2	20	0.00	3.06	0
CO21675	OC317149101	4.51	3 1-	4ACSR	0	0	813	169	21	2	2	0.01	3.07	0
CO21640	CO21675	4.61	1 1-	4ACSR	0	0	795	168	14	1	1	0.00	3.08	0
CO21676	CO21675	4.54	2 1-	4ACSR	0	0	806	168	7	1	1	0.00	3.07	0
CO30558	CO21676	4.64	1 1-	4ACSR	0	0	790	167	6	0	1	0.00	3.08	0
CO21677	CO30558	4.67	1 1-	4ACSR	0	0	784	167	6	0	1	0.00	3.08	0
CO21639	CO21599	4.34	1 1-	4ACSR	0	0	840	170	0	0	0	0.00	2.99	0
OC1361696432	CO21639	4.34	0 1-	15 N FUSE	0	0	840	170	0	0	0	0.00	2.99	0
CO22737	CO22559	3.73	15 1-	1/0ACSR	0	0	937	174	75	10	5	0.00	2.46	0
OC685	CO22737	3.73	15 1-	10 N FUSE	0	0	937	174	75	10	105	0.00	2.46	0
CO22738	OC685	3.75	15 1-	1/0ACSR	0	0	934	174	75	10	5	0.00	2.46	0
CO22637	CO22738	3.80	15 1-	1/0ACSR	0	0	926	173	75	10	5	0.01	2.47	0
CO22638	CO22637	3.82	13 1-	1/0ACSR	0	0	922	173	68	9	4	0.01	2.48	0
CO-849264697	CO22638	3.91	0 1-	2ACSR	0	0	906	172	0	0	0	0.00	2.48	0
CO-706108249	CO-849264697	4.08	0 1-	2ACSR	0	0	876	171	0	0	0	0.00	2.48	0
CO22639	CO22638	3.85	13 1-	1/0ACSR	0	0	918	173	68	9	4	0.00	2.48	0
CO22640	CO22639	4.07	12 1-	1/0ACSR	0	0	882	172	66	9	4	0.05	2.53	4
CO22593	CO22640	4.12	3 1-	4/0ACSR	0	0	876	172	16	2	1	0.00	2.53	0
CO22641	CO22640	4.25	9 1-	4/0ACSR	0	0	859	171	50	7	2	0.02	2.55	0
CO22642	CO22641	4.34	9 1-	4/0ACSR	0	0	848	171	50	7	2	0.01	2.56	0
CO22644	CO22642	4.38	1 1-	1/0PRIURD	0	0	842	392	10	1	1	0.00	2.56	0
CO22643	CO22642	4.43	8 1-	4/0ACSR	0	0	837	171	40	5	2	0.01	2.57	0
CO22645	CO22643	4.52	8 1-	4/0ACSR	0	0	826	170	40	5	2	0.01	2.57	0
CO22647	CO22645	4.64	4 1-	4/0ACSR	0	0	812	170	23	3	1	0.01	2.58	0
CO22648	CO22647	4.71	3 1-	4/0ACSR	0	0	804	170	20	2	1	0.00	2.58	0
CO30543	CO22648	4.76	3 1-	1/0ACSR	0	0	797	169	20	2	1	0.00	2.59	0
CO23703	CO30543	4.82	1 1-	2ACSR	0	0	789	169	3	0	0	0.00	2.59	0
CO21659	CO30543	4.84	1 1-	2ACSR	0	0	786	169	7	1	1	0.00	2.59	0
CO21638	CO30543	4.80	1 1-	1/0ACSR	0	0	792	169	10	1	1	0.00	2.59	0
CO22646	CO22645	4.60	3 1-	2ACSR	0	0	814	170	16	2	1	0.00	2.58	0
CO23704	CO22646	4.69	2 1-	2ACSR	0	0	801	169	8	1	1	0.00	2.58	0
CO20844+	CO20840	3.15	2 1-	4/0ACSR	0	0	1559	334	7	0	0	0.00	0.90	0
OC-2064140116+	CO20844	3.15	1 1-	15 N FUSE	0	0	1559	334	0	0	0	0.00	0.90	0
CO-1585024422+	OC-2064140116	3.28	1 1-	2ACSR	0	0	1522	332	0	0	0	0.00	0.90	0
CO-548982232+	CO-1585024422	3.43	1 1-	2ACSR	0	0	1480	330	0	0	0	0.00	0.90	0
CO-1979360875+	CO-548982232	3.52	1 1-	2ACSR	0	0	1456	329	0	0	0	0.00	0.90	0
CO1744720978+	CO-1979360875	3.60	1 1-	2ACSR	0	0	1436	327	0	0	0	0.00	0.90	0
CO20832+	CO20838	2.95	1 1-	4/0ACSR	0	0	1602	335	9	0	0	0.00	0.86	0
OC-574728957+	CO20832	2.95	0 1-	15 N FUSE	0	0	1602	335	0	0	0	0.00	0.86	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20831+	CO23706	2.64	0 1-	4/0ACSR	0	0	1676	337	0	0	0	0.00	0.77	0
OC-172505075+	CO20831	2.64	0 1-	15 N FUSE	0	0	1676	337	0	0	0	0.00	0.77	0
CO20255+	CO20235	2.24	3 1-	4/0ACSR	0	0	1782	340	20	1	0	0.00	0.66	0
OC132119179+	CO20255	2.24	0 1-	15 N FUSE	0	0	1782	340	0	0	0	0.00	0.66	0
CO20406+	CO20402	2.16	6 1-	4/0ACSR	0	0	1807	340	17	1	0	0.00	0.64	0
OC940042315+	CO20406	2.16	6 1-	15 N FUSE	0	0	1807	340	17	1	8	0.00	0.64	0
CO20407+	OC940042315	2.19	6 1-	4/0ACSR	0	0	1796	340	17	1	0	0.00	0.64	0
CO20405+	CO20407	2.20	1 1-	4/0ACSR	0	0	1794	340	4	0	0	0.00	0.64	0
CO20404+	CO20405	2.22	1 1-	4/0ACSR	0	0	1789	340	4	0	0	0.00	0.64	0
CO20403+	CO20404	2.27	1 1-	4/0ACSR	0	0	1775	339	4	0	0	0.00	0.64	0
CO20253+	CO20400	2.17	2 1-	4/0ACSR	0	0	1802	340	1	0	0	0.00	0.62	0
OC-2135655509+	CO20253	2.17	1 1-	15 N FUSE	0	0	1802	340	1	0	0	0.00	0.62	0
CO20254+	OC-2135655509	2.43	1 1-	4/0ACSR	0	0	1733	338	1	0	0	0.00	0.62	0
CO20252+	CO20234	1.94	0 1-	4/0ACSR	0	0	1871	341	0	0	0	0.00	0.56	0
OC-1540661072+	CO20252	1.94	0 1-	15 N FUSE	0	0	1871	341	0	0	0	0.00	0.56	0
CO20250+	CO20389	1.47	1 1-	4/0ACSR	0	0	2027	344	4	0	0	0.00	0.43	0
OC1760788030+	CO20250	1.47	0 1-	15 N FUSE	0	0	2027	344	0	0	0	0.00	0.43	0
CO20244+	CO20239	0.82	0 3-	4/0ACSR	2265	2302	2290	349	0	0	0	0.00	0.24	0
OC1500712599+	CO20244	0.82	0 3-	10 N FUSE	2265	2302	2290	349	0	0	0	0.00	0.24	0
CO20368+	CO20365	0.35	3 1-	4/0ACSR	0	0	2525	351	12	0	0	0.00	0.09	0
OC1156665728+	CO20368	0.35	2 1-	15 N FUSE	0	0	2525	351	8	0	4	0.00	0.09	0
CO20369+	OC1156665728	0.39	2 1-	4/0ACSR	0	0	2501	351	8	0	0	0.00	0.09	0
CO20416+	CO20413	0.02	879 3-	750 MCM - 42 Wi	2528	2708	2716	354	3226	72	6	0.00	0.01	4
Holly+	CO20416	0.02	879 3-	560 200WVE	2528	2708	2716	354	3226	72	13	0.00	0.01	0
CO20316+	Holly	0.03	879 3-	4/0ACSR	2524	2701	2710	354	3226	72	21	0.00	0.01	15
CO20317+	CO20316	0.05	879 3-	4/0ACSR	2517	2690	2698	353	3226	72	21	0.01	0.02	29
CO20318+	CO20317	0.17	879 3-	4/0ACSR	2477	2622	2629	353	3226	72	21	0.04	0.06	172
CO20319+	CO20318	0.34	879 3-	4/0ACSR	2419	2528	2533	352	3225	72	21	0.06	0.12	258
CO20320+	CO20319	0.43	879 3-	4/0ACSR	2389	2482	2484	351	3224	72	21	0.03	0.15	137
CO20263+	CO20320	0.50	2 1-	4ACSR	0	0	2431	349	7	0	0	0.00	0.15	0
CO20243+	CO20320	0.52	877 3-	4/0ACSR	2358	2436	2435	350	3217	72	21	0.03	0.18	142
CO20424+	CO20243	0.67	0 1-	4ACSR	0	0	2333	347	0	0	0	0.00	0.18	0
CO20425+	CO20424	0.67	0 1-	4ACSR	0	0	2329	347	0	0	0	0.00	0.18	0
SW620-A+	CO20425	0.67	0 1-	Open	0	0	2329	347	0	0	0	0.00	0.18	0
CO20321+	CO20243	0.60	875 3-	4/0ACSR	2334	2401	2397	350	3212	72	21	0.03	0.21	114
CO20322+	CO20321	0.70	875 3-	4/0ACSR	2302	2354	2347	349	3212	72	21	0.04	0.25	155
CO20323+	CO20322	0.80	874 3-	4/0ACSR	2273	2313	2302	349	3199	72	21	0.03	0.28	145
CO20324+	CO20323	1.19	874 3-	4/0ACSR	2160	2160	2132	346	3198	72	21	0.14	0.42	594
CO20325+	CO20324	1.37	874 3-	4/0ACSR	2112	2100	2064	345	3196	72	21	0.06	0.48	265
CO20326+	CO20325	1.73	873 3-	4/0ACSR	2022	1989	1938	343	3192	72	21	0.13	0.61	537
CO20327+	CO20326	1.87	873 3-	4/0ACSR	1990	1951	1894	342	3189	72	21	0.05	0.66	203
CO20328+	CO20327	1.98	873 3-	4/0ACSR	1964	1920	1859	341	3188	72	21	0.04	0.70	167
CO20329+	CO20328	2.07	873 3-	4/0ACSR	1943	1895	1831	341	3188	72	21	0.03	0.73	141
CO23750+	CO20329	2.27	873 3-	4/0ACSR	1901	1847	1776	339	3187	72	21	0.07	0.80	287
CO20026+	CO23750	2.36	873 3-	4/0ACSR	1881	1824	1749	339	3186	72	21	0.03	0.83	144
CO19975+	CO20026	2.44	0 1-	4ACSR	0	0	1718	337	0	0	0	0.00	0.83	0
CO19958+	CO20026	2.52	873 3-	4/0ACSR	1848	1787	1707	338	3185	72	21	0.06	0.89	239
CO19959+	CO19958	2.60	869 3-	4/0ACSR	1833	1769	1689	337	3182	71	21	0.03	0.91	107
CO19977+	CO19959	2.71	1 1-	4ACSR	0	0	1645	335	0	0	0	0.00	0.91	0
CO19976+	CO19959	2.72	1 1-	4ACSR	0	0	1642	335	4	0	0	0.00	0.91	0
CO19960+	CO19959	3.18	867 3-	4/0ACSR	1724	1651	1553	334	3177	71	21	0.20	1.12	864

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20011+	CO19960	3.50	863 3-	4/0ACSR	1669	1593	1487	332	3165	71	21	0.11	1.23	472
CO20012+	CO20011	3.61	863 3-	4/0ACSR	1651	1574	1466	331	3163	71	21	0.04	1.27	160
CO20073+	CO20012	3.69	863 3-	4/0ACSR	1638	1560	1451	331	3162	71	21	0.03	1.29	120
CO20074+	CO20073	3.72	861 3-	4/0ACSR	1632	1555	1444	330	3156	71	21	0.01	1.31	50
CO20013+	CO20074	3.77	856 3-	4/0ACSR	1624	1546	1434	330	3140	71	21	0.02	1.33	78
CO20014+	CO20013	3.84	856 3-	4/0ACSR	1613	1534	1422	330	3140	71	21	0.02	1.35	101
CO19961+	CO20014	4.03	854 3-	4/0ACSR	1584	1504	1389	328	3134	71	21	0.06	1.41	268
CO20104+	CO19961	4.04	2 1-	2ACSR	0	0	1387	328	3	0	0	0.00	1.41	0
OC608+	CO20104	4.04	2 1-	10 N FUSE	0	0	1387	328	3	0	2	0.00	1.41	0
CO20105+	OC608	4.41	2 1-	2ACSR	0	0	1304	323	3	0	0	0.00	1.41	0
CO20017+	CO20105	4.47	2 1-	2ACSR	0	0	1290	322	3	0	0	0.00	1.41	0
CO20018+	CO20017	4.52	2 1-	2ACSR	0	0	1280	322	3	0	0	0.00	1.41	0
CO20019+	CO20018	4.64	1 1-	2ACSR	0	0	1256	320	1	0	0	0.00	1.41	0
CO20020+	CO20019	4.83	1 1-	2ACSR	0	0	1219	317	1	0	0	0.00	1.41	0
CO19979+	CO19961	4.11	0 1-	4ACSR	0	0	1368	327	0	0	0	0.00	1.41	0
CO20015+	CO19961	4.15	851 3-	4/0ACSR	1567	1486	1369	328	3119	70	21	0.04	1.45	169
CO20016+	CO20015	4.21	850 3-	4/0ACSR	1557	1477	1358	327	3114	70	21	0.02	1.48	96
CO20102+	CO20016	4.22	3 1-	2ACSR	0	0	1356	327	7	0	0	0.00	1.48	0
OC607+	CO20102	4.22	3 1-	10 N FUSE	0	0	1356	327	7	0	5	0.00	1.48	0
CO20103+	OC607	4.28	3 1-	2ACSR	0	0	1343	326	7	0	0	0.00	1.48	0
CO20078+	CO20103	4.46	2 1-	2ACSR	0	0	1304	324	3	0	0	0.00	1.48	0
CO20076+	CO20078	4.56	2 1-	2ACSR	0	0	1284	322	3	0	0	0.00	1.48	0
CO20077+	CO20076	4.58	1 1-	2ACSR	0	0	1278	322	0	0	0	0.00	1.48	0
CO20021+	CO20077	4.75	1 1-	2ACSR	0	0	1245	320	0	0	0	0.00	1.48	0
CO20022+	CO20021	4.85	1 1-	2ACSR	0	0	1226	318	0	0	0	0.00	1.48	0
CO20023+	CO20022	5.08	1 1-	2ACSR	0	0	1183	315	0	0	0	0.00	1.48	0
CO20024+	CO20023	5.21	1 1-	2ACSR	0	0	1160	314	0	0	0	0.00	1.48	0
CO20025+	CO20024	5.27	1 1-	2ACSR	0	0	1150	313	0	0	0	0.00	1.48	0
CO19980+	CO20078	4.54	0 1-	2ACSR	0	0	1288	323	0	0	0	0.00	1.48	0
CO20079+	CO20016	4.28	847 3-	4/0ACSR	1548	1468	1348	327	3107	70	21	0.02	1.50	87
CO20080+	CO20079	4.30	845 3-	4/0ACSR	1545	1465	1344	327	3099	70	21	0.01	1.50	36
CO23781+	CO20080	4.80	845 3-	4/0ACSR	1475	1395	1267	324	3099	70	21	0.17	1.68	716
CO19911+	CO23781	4.93	844 3-	4/0ACSR	1459	1378	1249	323	3094	70	21	0.04	1.72	183
CO19863+	CO19911	5.03	843 3-	4/0ACSR	1446	1365	1235	322	3093	70	21	0.03	1.75	139
CO23783+	CO19863	5.15	842 3-	4/0ACSR	1432	1351	1219	322	3092	70	21	0.04	1.79	165
CO18010+	CO23783	5.38	841 3-	4/0ACSR	1404	1323	1189	320	3088	70	21	0.08	1.87	324
CO18011+	CO18010	5.51	838 3-	4/0ACSR	1388	1308	1173	319	3070	69	21	0.04	1.91	182
CO18012+	CO18011	5.78	838 3-	4/0ACSR	1357	1276	1140	318	3069	69	21	0.09	2.00	389
CO17968+	CO18012	5.82	1 1-	4ACSR	0	0	1132	317	2	0	0	0.00	2.00	0
CO18013+	CO18012	5.93	837 3-	4/0ACSR	1341	1261	1123	317	3066	69	21	0.05	2.05	200
CO18014+	CO18013	5.99	836 3-	4/0ACSR	1335	1255	1117	316	3064	69	21	0.02	2.07	81
CO17988+	CO18014	6.00	836 3-	4/0ACSR	1333	1253	1115	316	3064	69	21	0.01	2.08	21
CO18016+	CO17988	6.08	832 3-	4/0ACSR	1324	1244	1106	316	3051	69	20	0.03	2.10	114
CO18017+	CO18016	6.42	831 3-	4/0ACSR	1289	1210	1069	314	3043	69	20	0.11	2.22	471
CO17969+	CO18017	6.51	2 1-	4ACSR	0	0	1055	312	9	0	0	0.00	2.22	0
CO18003+	CO18017	6.46	829 3-	4/0ACSR	1286	1207	1066	314	3031	69	20	0.01	2.23	41
CO18018+	CO18003	6.73	828 3-	4/0ACSR	1259	1181	1039	312	3029	68	20	0.09	2.32	372
CO18019+	CO18018	6.76	827 3-	4/0ACSR	1256	1178	1036	312	3021	68	20	0.01	2.33	42
CO17990+	CO18019	6.95	827 3-	4/0ACSR	1238	1160	1018	311	3021	68	20	0.06	2.39	258
CO18037+	CO17990	7.25	827 3-	4/0ACSR	1210	1134	990	309	3019	68	20	0.10	2.49	414
CO18028+	CO18037	7.29	825 3-	4/0ACSR	1206	1130	987	309	3011	68	20	0.01	2.50	58
CO17957+	CO18028	7.35	824 3-	4/0ACSR	1202	1125	982	308	3002	68	20	0.02	2.52	71

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18020+	CO17957	7.45	823 3-	4/0ACSR	1193	1117	974	308	2951	67	20	0.03	2.55	128
CO18021+	CO18020	7.55	822 3-	4/0ACSR	1184	1108	964	307	2942	67	20	0.03	2.58	138
CO17958+	CO18021	7.76	816 3-	4/0ACSR	1167	1092	948	306	2901	66	19	0.06	2.65	257
CO17959+	CO17958	7.83	815 3-	4/0ACSR	1161	1086	942	305	2893	65	19	0.02	2.67	91
CO17991+	CO17959	7.92	630 3-	1/0AAAC	1152	1078	933	305	2359	53	21	0.04	2.71	154
CO17992+	CO17991	8.15	630 3-	1/0AAAC	1132	1059	914	303	2358	53	21	0.10	2.81	368
CO18022+	CO17992	8.26	630 3-	1/0AAAC	1122	1050	904	302	2356	53	21	0.05	2.85	181
CO18023+	CO18022	8.36	630 3-	1/0AAAC	1114	1042	896	301	2355	53	21	0.04	2.89	155
CO18031+	CO18023	8.48	1 1-	4ACSR	0	0	881	299	7	0	0	0.00	2.90	0
CO18032+	CO18031	8.60	0 1-	4ACSR	0	0	867	296	0	0	0	0.00	2.90	0
CO17993+	CO18031	8.60	1 1-	4ACSR	0	0	868	297	7	0	0	0.00	2.90	0
CO17994+	CO17993	8.65	1 1-	4ACSR	0	0	862	296	7	0	0	0.00	2.90	0
CO18024+	CO18023	8.48	626 3-	1/0AAAC	1104	1032	887	300	2340	53	21	0.05	2.94	190
CO18025+	CO18024	8.60	625 3-	1/0AAAC	1094	1022	876	299	2334	52	21	0.05	3.00	200
CO17981+	CO18025	8.65	0 1-	4ACSR	0	0	871	298	0	0	0	0.00	3.00	0
CO18026+	CO18025	8.76	625 3-	1/0AAAC	1080	1010	864	297	2333	52	21	0.07	3.06	255
CO18027+	CO18026	9.03	625 3-	1/0AAAC	1059	990	844	295	2332	52	21	0.11	3.18	431
CO23786+	CO18027	9.21	623 3-	1/0AAAC	1045	977	831	293	2321	52	21	0.07	3.25	280
CO19879+	CO23786	9.42	622 3-	1/0AAAC	1029	962	816	292	2314	52	21	0.09	3.34	330
CO19880+	CO19879	9.59	620 3-	1/0AAAC	1017	951	804	290	2303	52	20	0.07	3.41	266
CO19871+	CO19880	9.70	0 1-	4ACSR	0	0	794	289	0	0	0	0.00	3.41	0
CO19870+	CO19880	9.66	3 1-	4ACSR	0	0	798	289	4	0	0	0.00	3.41	0
CO19864+	CO19880	9.78	617 3-	1/0AAAC	1003	938	792	289	2297	52	20	0.08	3.49	294
CO19949+	CO19864	9.79	124 3-	6ACWC	1002	937	791	289	466	11	8	0.00	3.49	0
OC599+	CO19949	9.79	124 3-	50 E OCR	1002	937	791	289	466	11	23	0.00	3.49	0
CO19950+	OC599	9.88	124 3-	6ACWC	992	929	782	287	466	11	8	0.02	3.51	16
CO19944+	CO19950	9.92	123 3-	6ACWC	987	924	778	286	462	11	8	0.01	3.52	9
CO19867+	CO19944	10.34	121 3-	6ACWC	940	884	739	280	453	11	8	0.09	3.61	73
CO-170068005+	CO19867	10.38	5 1-	2ACSR	0	0	736	279	17	1	1	0.00	3.61	0
CO795745543+	CO-170068005	10.58	4 1-	2ACSR	0	0	722	277	10	0	0	0.00	3.61	0
CO19932+	CO795745543	11.07	2 1-	4ACSR	0	0	681	270	8	0	0	0.00	3.62	0
CO19930+	CO19932	11.27	0 1-	4ACSR	0	0	666	267	0	0	0	0.00	3.62	0
CO19887+	CO19930	11.40	0 1-	4ACSR	0	0	656	265	0	0	0	0.00	3.62	0
CO19951+	CO19887	11.85	0 1-	4ACSR	0	0	624	259	0	0	0	0.00	3.62	0
CO-1022042501+	CO-170068005	10.41	1 1-	2ACSR	0	0	734	279	7	0	0	0.00	3.61	0
CO19937+	CO19867	10.38	116 3-	6ACWC	936	881	735	279	436	10	8	0.01	3.62	6
CO19938+	CO19937	10.46	115 3-	6ACWC	928	873	728	278	434	10	8	0.02	3.64	13
CO19874+	CO19938	10.52	1 1-	4ACSR	0	0	724	277	3	0	0	0.00	3.64	0
CO19881+	CO19938	10.47	114 3-	6ACWC	926	872	727	278	431	10	8	0.00	3.64	0
CO19882+	CO19881	10.63	113 3-	6ACWC	909	858	713	275	421	10	7	0.03	3.67	24
CO19875+	CO19882	10.76	2 1-	4ACSR	0	0	703	274	10	0	0	0.00	3.67	0
CO19933+	CO19882	10.71	111 3-	6ACWC	901	851	707	274	412	10	7	0.02	3.69	11
CO19934+	CO19933	10.74	110 3-	6ACWC	899	848	705	274	411	10	7	0.00	3.69	4
CO19945+	CO19934	10.74	3 1-	4ACSR	0	0	704	274	11	0	1	0.00	3.69	0
OC595+	CO19945	10.74	3 1-	10 N FUSE	0	0	704	274	11	0	8	0.00	3.69	0
CO19946+	OC595	10.78	3 1-	4ACSR	0	0	701	273	11	0	1	0.00	3.69	0
CO19888+	CO19946	10.85	1 1-	4ACSR	0	0	696	272	0	0	0	0.00	3.69	0
CO19889+	CO19888	11.00	1 1-	4ACSR	0	0	683	270	0	0	0	0.00	3.69	0
CO19890+	CO19889	11.09	1 1-	4ACSR	0	0	677	269	0	0	0	0.00	3.69	0
CO19891+	CO19890	11.12	1 1-	4ACSR	0	0	674	268	0	0	0	0.00	3.69	0
CO19935+	CO19934	10.76	107 3-	6ACWC	897	846	703	274	400	9	7	0.00	3.70	3
CO19936+	CO19935	10.86	106 3-	6ACWC	886	837	695	272	397	9	7	0.02	3.71	14

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19926+	CO19936	10.99	106 3-	6ACWC	873	826	684	270	397	9	7	0.03	3.74	18
CO19927+	CO19926	11.01	105 3-	6ACWC	871	824	682	270	395	9	7	0.00	3.74	3
CO19910+	CO19927	11.04	105 3-	6ACWC	869	822	681	270	395	9	7	0.00	3.75	3
CO19942+	CO19910	11.08	3 1-	4ACSR	0	0	678	269	14	0	1	0.00	3.75	0
CO19943+	CO19942	11.13	3 1-	4ACSR	0	0	673	268	14	0	1	0.00	3.75	0
CO19928+	CO19943	11.17	2 1-	4ACSR	0	0	670	268	6	0	0	0.00	3.75	0
CO19929+	CO19928	11.20	1 1-	4ACSR	0	0	668	267	6	0	0	0.00	3.75	0
CO19883+	CO19910	11.09	102 3-	6ACWC	864	818	676	269	381	9	7	0.01	3.76	7
CO19884+	CO19883	11.12	102 3-	6ACWC	861	815	674	268	381	9	7	0.01	3.76	4
CO19885+	CO19884	11.16	102 3-	6ACWC	857	812	671	268	381	9	7	0.01	3.77	4
CO19886+	CO19885	11.22	101 3-	6ACWC	852	807	667	267	376	9	7	0.01	3.78	7
CO19947+	CO19886	11.22	100 1-	6ACWC	0	0	666	267	366	27	19	0.00	3.78	3
OC596+	CO19947	11.22	100 1-	50 H OCR	0	0	666	267	366	27	54	0.00	3.78	0
CO19948+	OC596	11.27	100 1-	6ACWC	0	0	663	266	366	27	19	0.03	3.82	19
CO19916+	CO19948	11.31	7 1-	4ACSR	0	0	660	266	39	2	2	0.00	3.82	0
CO19917+	CO19916	11.38	5 1-	4ACSR	0	0	654	265	25	1	1	0.00	3.82	0
CO19912+	CO19917	11.43	2 1-	4ACSR	0	0	651	264	7	0	0	0.00	3.82	0
CO19913+	CO19912	11.76	2 1-	4ACSR	0	0	627	260	7	0	0	0.00	3.83	0
CO19914+	CO19913	11.79	2 1-	4ACSR	0	0	625	259	7	0	0	0.00	3.83	0
CO19915+	CO19914	11.86	1 1-	4ACSR	0	0	621	258	5	0	0	0.00	3.83	0
CO19895+	CO19915	11.95	1 1-	4ACSR	0	0	614	257	5	0	0	0.00	3.83	0
CO19896+	CO19895	12.06	1 1-	4ACSR	0	0	607	256	5	0	0	0.00	3.83	0
CO19897+	CO19896	12.25	1 1-	4ACSR	0	0	595	253	5	0	0	0.00	3.83	0
CO19924+	CO19948	11.35	93 1-	6ACWC	0	0	657	265	327	24	17	0.04	3.86	22
CO1269607117+	CO19924	11.38	92 1-	2ACSR	0	0	655	265	317	23	13	0.01	3.87	7
AU64	CO1269607117	11.38	92 1-	167 KVA 1PH AUT	0	0	536	161	317	23	202	2.38	6.26	0
CO-1256035124	AU64	11.42	92 1-	2ACSR	0	0	533	161	317	46	26	0.06	6.32	32
CO19922	CO-1256035124	11.45	92 1-	6ACWC	0	0	531	161	316	46	33	0.06	6.38	33
CO19923	CO19922	11.55	91 1-	6ACWC	0	0	524	160	311	46	33	0.21	6.59	109
CO19892	CO19923	11.72	90 1-	6ACWC	0	0	511	158	311	46	33	0.37	6.96	192
CO19893	CO19892	11.86	90 1-	6ACWC	0	0	501	157	310	46	33	0.30	7.26	155
CO19877	CO19893	11.92	1 1-	4ACSR	0	0	496	156	2	0	0	0.00	7.26	0
CO19876	CO19893	11.93	1 1-	4ACSR	0	0	496	156	1	0	0	0.00	7.26	0
CO19920	CO19893	11.91	88 1-	6ACWC	0	0	497	156	305	45	33	0.12	7.37	61
CO19921	CO19920	11.96	87 1-	6ACWC	0	0	494	156	305	45	33	0.09	7.46	47
CO19918	CO19921	11.98	86 1-	6ACWC	0	0	492	155	302	45	32	0.06	7.52	29
CO19919	CO19918	12.06	85 1-	6ACWC	0	0	487	155	302	45	32	0.16	7.68	84
CO19878	CO19919	12.19	1 1-	4ACSR	0	0	478	153	10	1	1	0.00	7.69	0
CO19866	CO19919	12.17	84 1-	6ACWC	0	0	479	154	292	43	31	0.23	7.91	114
CO19905	CO19866	12.25	2 1-	4ACSR	0	0	474	153	1	0	0	0.00	7.92	0
CO19906	CO19905	12.30	2 1-	4ACSR	0	0	471	153	1	0	0	0.00	7.92	0
CO19894	CO19866	12.25	81 1-	6ACWC	0	0	474	153	289	43	31	0.15	8.07	75
CO23751	CO19894	12.30	81 1-	6ACWC	0	0	470	152	288	43	31	0.11	8.18	53
CO20151	CO23751	12.43	78 1-	6ACWC	0	0	462	151	283	42	30	0.25	8.43	119
CO20153	CO20151	12.46	76 1-	6ACWC	0	0	460	151	270	40	29	0.06	8.49	28
CO20152	CO20153	12.59	75 1-	6ACWC	0	0	452	150	270	40	29	0.24	8.72	108
CO20148	CO20152	12.64	74 1-	6ACWC	0	0	449	150	265	39	29	0.09	8.82	42
CO20150	CO20148	12.78	73 1-	6ACWC	0	0	440	148	263	39	28	0.27	9.08	120
CO20149	CO20150	12.85	73 1-	6ACWC	0	0	436	148	262	39	28	0.12	9.21	55
CO20154	CO20149	12.93	73 1-	6ACWC	0	0	431	147	262	39	28	0.15	9.35	66
CO20155	CO20154	12.97	73 1-	6ACWC	0	0	429	147	262	39	28	0.08	9.43	37
CO20178	CO20155	13.08	72 1-	6ACWC	0	0	423	146	259	39	28	0.19	9.62	85

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO20179	CO20178	13.15	72 1-	6ACWC	0	0	418	145	259	39	28	0.14	9.76	63
CO20128	CO20179	13.29	2 1-	4ACSR	0	0	411	144	1	0	0	0.00	9.76	0
CO20180	CO20179	13.21	68 1-	6ACWC	0	0	415	145	253	38	28	0.10	9.86	42
CO20181	CO20180	13.26	68 1-	6ACWC	0	0	412	144	253	38	28	0.10	9.96	45
CO20226	CO20181	13.27	67 1-	6ACWC	0	0	412	144	251	38	27	0.01	9.97	5
OC609	CO20226	13.27	67 1-	35 H OCR	0	0	412	144	251	38	110	0.00	9.97	0
CO20225	OC609	13.36	67 1-	6ACWC	0	0	407	144	251	38	27	0.16	10.13	68
CO20177	CO20225	13.37	67 1-	6ACWC	0	0	406	143	251	38	27	0.02	10.15	9
CO20114	CO20177	13.43	60 1-	6ACWC	0	0	403	143	229	34	25	0.10	10.25	38
CO20110	CO20114	13.46	57 1-	6ACWC	0	0	401	143	223	34	24	0.05	10.30	20
CO30536	CO20110	13.50	55 1-	6ACWC	0	0	400	142	218	33	24	0.05	10.35	20
CO30537	CO30536	13.58	55 1-	6ACWC	0	0	395	142	218	33	24	0.12	10.48	47
CO19518	CO30537	13.70	55 1-	6ACWC	0	0	389	141	218	33	24	0.19	10.67	74
CO19513	CO19518	13.80	54 1-	6ACWC	0	0	384	140	217	33	24	0.15	10.82	54
CO19517	CO19513	13.86	52 1-	6ACWC	0	0	381	140	212	32	23	0.09	10.91	34
CO19515	CO19517	13.87	52 1-	6ACWC	0	0	381	140	212	32	23	0.02	10.93	7
CO19514	CO19515	13.97	50 1-	6ACWC	0	0	376	139	210	32	23	0.15	11.08	56
CO19516	CO19514	13.99	50 1-	6ACWC	0	0	375	139	210	32	23	0.02	11.10	9
CO19600	CO19516	14.04	1 1-	4ACSR	0	0	372	138	1	0	0	0.00	11.10	0
CO19599	CO19600	14.14	1 1-	4ACSR	0	0	368	138	1	0	0	0.00	11.10	0
CO19519	CO19516	14.07	48 1-	6ACWC	0	0	371	138	201	30	22	0.11	11.22	39
CO19531	CO19519	14.16	46 1-	6ACWC	0	0	367	137	195	30	21	0.13	11.35	45
CO19521	CO19531	14.25	45 1-	6ACWC	0	0	363	137	193	29	21	0.12	11.47	41
CO19520	CO19521	14.29	44 1-	6ACWC	0	0	361	136	185	28	20	0.06	11.53	18
CO19522	CO19520	14.34	43 1-	6ACWC	0	0	359	136	182	28	20	0.06	11.59	20
CO19530	CO19522	14.42	43 1-	6ACWC	0	0	356	136	182	28	20	0.10	11.69	32
CO19524	CO19530	14.44	43 1-	6ACWC	0	0	355	135	181	28	20	0.03	11.71	8
CO19523	CO19524	14.50	41 1-	6ACWC	0	0	352	135	175	27	19	0.08	11.79	24
CO19529	CO19523	14.58	39 1-	6ACWC	0	0	349	134	165	25	18	0.09	11.88	26
CO19525	CO19529	14.62	39 1-	6ACWC	0	0	347	134	165	25	18	0.06	11.94	16
CO19526	CO19525	14.67	38 1-	6ACWC	0	0	345	134	162	25	18	0.05	11.99	15
CO19528	CO19526	14.84	37 1-	6ACWC	0	0	338	133	152	23	17	0.17	12.17	45
CO19527	CO19528	15.00	35 1-	6ACWC	0	0	332	132	141	21	16	0.16	12.33	39
CO23752	CO19527	15.13	33 1-	6ACWC	0	0	327	131	129	20	14	0.12	12.45	26
CO19203	CO23752	15.17	32 1-	6ACWC	0	0	325	130	125	19	14	0.03	12.48	7
CO19166	CO19203	15.47	30 1-	6ACWC	0	0	314	128	120	18	13	0.26	12.74	56
CO19222	CO19166	15.63	30 1-	6ACWC	0	0	309	127	120	18	13	0.14	12.89	30
CO19223	CO19222	15.77	30 1-	6ACWC	0	0	304	127	120	18	13	0.12	13.00	25
CO19224	CO19223	15.90	29 1-	6ACWC	0	0	300	126	114	17	13	0.11	13.11	22
CO19225	CO19224	15.97	28 1-	6ACWC	0	0	298	125	113	17	13	0.06	13.17	11
CO19204	CO19225	16.04	26 1-	6ACWC	0	0	295	125	106	16	12	0.05	13.22	9
CO19205	CO19204	16.11	24 1-	6ACWC	0	0	293	124	96	15	11	0.05	13.27	8
CO19160	CO19205	16.15	1 1-	4ACSR	0	0	292	124	5	0	1	0.00	13.27	0
CO19206	CO19205	16.19	21 1-	6ACWC	0	0	291	124	83	13	9	0.05	13.32	7
CO19207	CO19206	16.24	20 1-	6ACWC	0	0	289	124	81	12	9	0.03	13.34	4
CO19159	CO19207	16.29	1 1-	4ACSR	0	0	288	123	1	0	0	0.00	13.34	0
CO19158	CO19207	16.29	2 1-	4ACSR	0	0	288	123	5	0	1	0.00	13.34	0
CO19231	CO19207	16.28	14 1-	6ACWC	0	0	288	123	67	10	7	0.02	13.36	3
CO19163	CO19231	16.34	1 1-	2ACSR	0	0	287	123	4	0	0	0.00	13.36	0
CO19232	CO19231	16.35	13 1-	6ACWC	0	0	286	123	63	9	7	0.03	13.40	4
CO19167	CO19232	16.40	13 1-	6ACWC	0	0	284	123	63	9	7	0.02	13.42	2
CO19168	CO19167	16.49	13 1-	6ACWC	0	0	282	122	63	9	7	0.04	13.46	4

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23754	CO19168	16.55	1 1-	4ACSR	0	0	280	122	1	0	0	0.00	13.46	0
CO19534	CO23754	16.97	1 1-	4ACSR	0	0	268	119	1	0	0	0.00	13.46	0
CO19537	CO19534	17.07	1 1-	4ACSR	0	0	266	119	1	0	0	0.00	13.46	0
CO19536	CO19537	17.08	1 1-	4ACSR	0	0	265	119	1	0	0	0.00	13.46	0
CO19535	CO19536	17.29	1 1-	4ACSR	0	0	260	118	1	0	0	0.00	13.46	0
CO19238	CO19168	16.55	12 1-	6ACWC	0	0	280	122	62	9	7	0.03	13.49	3
CO19184	CO19238	16.63	12 1-	6ACWC	0	0	278	121	62	9	7	0.03	13.52	4
CO19185	CO19184	16.72	12 1-	6ACWC	0	0	275	121	62	9	7	0.04	13.57	5
CO19186	CO19185	16.88	12 1-	6ACWC	0	0	271	120	62	9	7	0.07	13.64	8
CO23755	CO19186	16.98	12 1-	6ACWC	0	0	268	119	62	9	7	0.05	13.68	5
CO19583	CO23755	17.03	11 1-	6ACWC	0	0	267	119	58	9	7	0.02	13.70	0
CO19589	CO19583	17.16	11 1-	6ACWC	0	0	264	118	58	9	7	0.06	13.76	6
CO19584	CO19589	17.33	11 1-	6ACWC	0	0	259	118	58	9	7	0.07	13.83	8
CO19587	CO19584	17.37	11 1-	6ACWC	0	0	258	117	58	9	7	0.01	13.85	0
CO19588	CO19587	17.41	9 1-	6ACWC	0	0	257	117	46	7	5	0.02	13.86	0
CO19586	CO19588	17.47	9 1-	6ACWC	0	0	256	117	46	7	5	0.02	13.88	0
CO19585	CO19586	17.58	8 1-	6ACWC	0	0	253	116	40	6	5	0.03	13.91	2
CO23756	CO19585	17.68	8 1-	6ACWC	0	0	251	116	40	6	5	0.03	13.94	0
CO19188	CO23756	17.77	8 1-	6ACWC	0	0	249	115	40	6	5	0.03	13.97	0
CO19187	CO19188	17.94	8 1-	6ACWC	0	0	245	114	40	6	5	0.05	14.01	3
CO19215	CO19187	18.03	7 1-	6ACWC	0	0	243	114	32	5	4	0.02	14.03	0
CO19216	CO19215	18.08	6 1-	6ACWC	0	0	242	114	29	4	3	0.01	14.04	0
CO19217	CO19216	18.13	6 1-	6ACWC	0	0	241	113	29	4	3	0.01	14.05	0
CO19218	CO19217	18.21	5 1-	6ACWC	0	0	239	113	18	2	2	0.01	14.06	0
CO19157	CO19218	18.28	2 1-	6ACWC	0	0	238	113	3	0	0	0.00	14.07	0
CO23759	CO19157	18.34	1 1-	4ACSR	0	0	236	112	3	0	0	0.00	14.07	0
CO19209	CO19157	18.39	1 1-	6ACWC	0	0	235	112	1	0	0	0.00	14.07	0
CO19234	CO19209	18.65	0 1-	6ACWC	0	0	230	111	0	0	0	0.00	14.07	0
CO19235	CO19234	18.66	0 1-	6ACWC	0	0	230	111	0	0	0	0.00	14.07	0
CO19219	CO19218	18.24	3 1-	4ACSR	0	0	239	113	15	2	2	0.00	14.07	0
CO23758	CO19219	18.28	2 1-	4ACSR	0	0	238	113	5	0	1	0.00	14.07	0
CO23757	CO19187	18.04	0 1-	4ACSR	0	0	243	114	0	0	0	0.00	14.01	0
CO19211	CO19225	16.00	2 1-	4ACSR	0	0	297	125	6	1	1	0.00	13.17	0
CO19212	CO19211	16.02	1 1-	4ACSR	0	0	296	125	1	0	0	0.00	13.17	0
CO19210	CO19212	16.04	1 1-	4ACSR	0	0	295	125	1	0	0	0.00	13.17	0
CO23753	CO19210	16.20	0 1-	4ACSR	0	0	290	124	0	0	0	0.00	13.17	0
CO19532	CO23753	16.33	0 1-	4ACSR	0	0	286	123	0	0	0	0.00	13.17	0
CO19533	CO19532	16.61	0 1-	4ACSR	0	0	278	121	0	0	0	0.00	13.17	0
CO19164	CO19211	16.07	1 1-	2ACSR	0	0	295	125	5	0	0	0.00	13.17	0
CO19189	CO19203	15.22	2 1-	4ACSR	0	0	323	130	5	0	1	0.00	12.48	0
CO19190	CO19189	15.30	1 1-	4ACSR	0	0	320	130	0	0	0	0.00	12.48	0
CO19191	CO19190	15.36	1 1-	4ACSR	0	0	318	129	0	0	0	0.00	12.48	0
CO19192	CO19191	15.43	1 1-	4ACSR	0	0	316	129	0	0	0	0.00	12.48	0
CO19193	CO19192	15.52	1 1-	4ACSR	0	0	313	128	0	0	0	0.00	12.48	0
CO19194	CO19193	15.59	1 1-	4ACSR	0	0	310	128	0	0	0	0.00	12.48	0
CO19195	CO19194	15.67	1 1-	4ACSR	0	0	307	127	0	0	0	0.00	12.48	0
CO19196	CO19195	15.84	1 1-	4ACSR	0	0	301	126	0	0	0	0.00	12.48	0
CO19197	CO19196	15.93	1 1-	4ACSR	0	0	299	126	0	0	0	0.00	12.48	0
CO19198	CO19197	16.14	1 1-	4ACSR	0	0	292	124	0	0	0	0.00	12.48	0
CO20223	CO20110	13.51	2 1-	4ACSR	0	0	399	142	5	0	1	0.00	10.30	0
CO20126	CO20223	13.52	1 1-	2ACSR	0	0	398	142	1	0	0	0.00	10.30	0
CO20206	CO20223	13.54	1 1-	4ACSR	0	0	397	142	4	0	0	0.00	10.30	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20205	CO20114	13.46	2 1-	4ACSR	0	0	402	143	5	0	1	0.00	10.25	0
CO20204	CO20114	13.51	1 1-	4ACSR	0	0	399	142	0	0	0	0.00	10.25	0
CO20113	CO20177	13.56	2 1-	6ACWC	0	0	396	142	3	0	0	0.00	10.16	0
CO20167	CO20113	13.64	2 1-	6ACWC	0	0	392	141	3	0	0	0.00	10.16	0
CO20156	CO20167	13.68	2 1-	6ACWC	0	0	390	141	3	0	0	0.00	10.16	0
CO20166	CO20156	13.83	2 1-	6ACWC	0	0	383	140	3	0	0	0.00	10.16	0
CO20219	CO20166	13.89	2 1-	4ACSR	0	0	380	139	3	0	0	0.00	10.16	0
CO20218	CO20219	13.98	2 1-	4ACSR	0	0	376	139	3	0	0	0.00	10.16	0
CO20130	CO20218	14.11	1 1-	1/0PRIURD	0	0	372	243	2	0	0	0.00	10.16	0
CO20165	CO20166	13.89	0 1-	6ACWC	0	0	380	139	0	0	0	0.00	10.16	0
CO20159	CO20165	13.99	0 1-	6ACWC	0	0	375	139	0	0	0	0.00	10.16	0
CO20157	CO20159	14.04	0 1-	6ACWC	0	0	373	138	0	0	0	0.00	10.16	0
CO20158	CO20157	14.06	0 1-	6ACWC	0	0	371	138	0	0	0	0.00	10.16	0
CO20161	CO20158	14.09	0 1-	6ACWC	0	0	370	138	0	0	0	0.00	10.16	0
CO20160	CO20161	14.14	0 1-	6ACWC	0	0	368	138	0	0	0	0.00	10.16	0
CO20164	CO20160	14.20	0 1-	6ACWC	0	0	365	137	0	0	0	0.00	10.16	0
CO20162	CO20164	14.33	0 1-	6ACWC	0	0	359	136	0	0	0	0.00	10.16	0
CO20163	CO20162	14.40	0 1-	6ACWC	0	0	356	136	0	0	0	0.00	10.16	0
CO20122	CO20163	14.46	0 1-	4ACSR	0	0	354	135	0	0	0	0.00	10.16	0
CO-206101063	CO20122	14.66	0 1-	2ACSR	0	0	347	134	0	0	0	0.00	10.16	0
CO20121	CO20163	14.43	0 1-	4ACSR	0	0	355	135	0	0	0	0.00	10.16	0
CO20203	CO20177	13.43	2 1-	4ACSR	0	0	403	143	6	0	1	0.00	10.15	0
CO20202	CO20203	13.48	1 1-	4ACSR	0	0	401	143	4	0	0	0.00	10.15	0
CO20129	CO20177	13.51	1 1-	4ACSR	0	0	399	142	7	1	1	0.00	10.16	0
CO20217	CO20181	13.30	1 1-	4ACSR	0	0	410	144	1	0	0	0.00	9.96	0
CO20216	CO20217	13.33	1 1-	4ACSR	0	0	408	144	1	0	0	0.00	9.96	0
CO20127	CO20155	13.03	1 1-	4ACSR	0	0	425	146	2	0	0	0.00	9.43	0
CO19903+	CO19936	11.09	0 1-	4ACSR	0	0	676	269	0	0	0	0.00	3.71	0
CO19904+	CO19903	11.18	0 1-	4ACSR	0	0	669	268	0	0	0	0.00	3.71	0
CO19873+	CO19944	9.98	2 1-	4ACSR	0	0	773	286	8	0	0	0.00	3.52	0
CO19865+	CO19864	9.83	493 3-	1/0ACSR	999	934	788	288	1830	41	18	0.01	3.50	47
CO19872+	CO19865	9.85	1 1-	4ACSR	0	0	786	288	5	0	0	0.00	3.50	0
CO19952+	CO19865	9.83	492 3-	1/0ACSR	999	934	788	288	1824	41	18	0.00	3.50	7
OC602+	CO19952	9.83	492 3-	100 E OCR	999	934	788	288	1824	41	41	0.00	3.50	0
CO30699+	OC602	9.88	492 3-	1/0ACSR	995	931	785	288	1824	41	18	0.01	3.52	45
CO19939+	CO30699	9.90	3 1-	4ACSR	0	0	783	288	9	0	0	0.00	3.52	0
CO19940+	CO19939	9.96	2 1-	4ACSR	0	0	777	287	9	0	0	0.00	3.52	0
CO19901+	CO19940	10.01	2 1-	4ACSR	0	0	772	286	9	0	0	0.00	3.52	0
CO19902+	CO19901	10.11	1 1-	4ACSR	0	0	763	284	3	0	0	0.00	3.52	0
CO23787+	CO30699	9.94	489 3-	1/0ACSR	991	926	781	287	1815	41	18	0.02	3.54	58
CO17963+	CO23787	10.45	488 3-	1/0ACSR	952	891	747	283	1814	41	18	0.16	3.70	496
CO17997+	CO17963	10.64	2 1-	4ACSR	0	0	730	280	14	1	1	0.00	3.70	0
CO17998+	CO17997	10.68	2 1-	4ACSR	0	0	727	280	14	1	1	0.00	3.70	0
CO17964+	CO17963	10.54	484 3-	1/0ACSR	946	885	741	282	1792	40	18	0.03	3.72	84
CO18033+	CO17964	10.55	5 1-	4ACSR	0	0	741	282	15	1	1	0.00	3.72	0
OC543+	CO18033	10.55	5 1-	10 N FUSE	0	0	741	282	15	1	11	0.00	3.72	0
CO18034+	OC543	10.59	5 1-	4ACSR	0	0	737	282	15	1	1	0.00	3.72	0
CO18002+	CO18034	10.62	4 1-	4ACSR	0	0	734	281	9	0	0	0.00	3.72	0
CO18029+	CO18002	10.66	4 1-	4ACSR	0	0	730	280	9	0	0	0.00	3.72	0
CO18030+	CO18029	10.71	2 1-	4ACSR	0	0	726	280	2	0	0	0.00	3.72	0
CO17999+	CO18030	10.80	2 1-	4ACSR	0	0	719	278	2	0	0	0.00	3.73	0
CO18000+	CO17999	10.85	2 1-	4ACSR	0	0	714	278	2	0	0	0.00	3.73	0

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CO18001+	CO18000	11.04	1 1-	4ACSR	0	0	699	275	1	0	0	0.00	3.73	0
CO23788+	CO18001	11.28	1 1-	4ACSR	0	0	680	271	1	0	0	0.00	3.73	0
CO17986+	CO18034	10.66	1 1-	1/0PRIURD	0	0	733	494	6	0	0	0.00	3.72	0
CO17965+	CO17964	10.65	479 3-	1/0ACSR	939	878	735	282	1776	40	18	0.03	3.75	99
CO17985+	CO17965	10.70	2 1-	2ACSR	0	0	730	281	10	0	0	0.00	3.76	0
CO867757230+	CO17985	10.77	1 1-	2ACSR	0	0	726	280	4	0	0	0.00	3.76	0
CO17966+	CO17965	10.69	475 3-	1/0ACSR	936	876	732	281	1761	40	17	0.01	3.77	36
CO30677+	CO17966	10.82	474 3-	1/0ACSR	927	867	724	280	1753	40	18	0.05	3.81	124
CO17984+	CO30677	10.89	0 1-	4ACSR	0	0	718	279	0	0	0	0.00	3.81	0
CO23795+	CO30677	10.94	474 3-	1/0ACSR	919	860	717	279	1752	40	18	0.04	3.85	113
CO17751+	CO23795	10.94	4 1-	4ACSR	0	0	717	279	9	0	0	0.00	3.85	0
OC526+	CO17751	10.94	4 1-	10 N FUSE	0	0	717	279	9	0	6	0.00	3.85	0
CO17752+	OC526	11.00	4 1-	4ACSR	0	0	712	278	9	0	0	0.00	3.85	0
CO17673+	CO17752	11.07	3 1-	4ACSR	0	0	706	277	6	0	0	0.00	3.86	0
CO17672+	CO17673	11.19	2 1-	4ACSR	0	0	696	275	3	0	0	0.00	3.86	0
CO17671+	CO17672	11.30	1 1-	4ACSR	0	0	687	274	2	0	0	0.00	3.86	0
CO17670+	CO17671	11.38	1 1-	4ACSR	0	0	682	273	2	0	0	0.00	3.86	0
CO17674+	CO23795	11.04	469 3-	1/0ACSR	912	853	711	278	1739	40	17	0.04	3.89	95
CO17676+	CO17674	11.06	468 3-	1/0ACSR	910	852	710	278	1731	40	17	0.01	3.90	18
CO17580+	CO17676	11.09	466 3-	1/0ACSR	908	850	708	278	1716	39	17	0.01	3.91	26
CO17598+	CO17580	11.14	2 1-	4ACSR	0	0	705	277	3	0	0	0.00	3.91	0
CO17732+	CO17598	11.20	2 1-	1/0PRIURD	0	0	701	479	3	0	0	0.00	3.91	0
CO17581+	CO17580	11.11	464 3-	1/0ACSR	907	849	707	278	1712	39	17	0.01	3.91	16
CO17677+	CO17581	11.48	463 3-	1/0ACSR	883	827	686	275	1710	39	17	0.13	4.04	340
CO17678+	CO17677	11.57	461 3-	1/0ACSR	878	822	682	274	1706	39	17	0.03	4.07	76
CO17600+	CO17678	11.61	2 1-	4ACSR	0	0	679	274	7	0	0	0.00	4.07	0
CO17582+	CO17678	11.68	454 3-	1/0ACSR	871	816	676	273	1680	38	17	0.04	4.11	99
CO17584+	CO17582	11.70	444 3-	1/0ACSR	870	815	675	273	1651	38	17	0.01	4.11	16
CO17605+	CO17584	11.83	3 1-	1/0ACSR	0	0	669	272	28	2	1	0.00	4.11	0
CO17606+	CO17605	11.88	2 1-	1/0ACSR	0	0	666	272	9	0	0	0.00	4.11	0
CO17585+	CO17584	11.85	440 3-	1/0ACSR	860	806	667	272	1612	37	16	0.05	4.16	121
CO17730+	CO17585	11.93	439 3-	1/0ACSR	856	802	663	271	1608	37	16	0.02	4.18	60
CO17731+	CO17730	12.04	439 3-	1/0ACSR	849	796	658	271	1608	37	16	0.04	4.22	90
CO17586+	CO17731	12.35	436 3-	1/0ACSR	832	780	643	268	1597	36	16	0.10	4.32	241
CO17608+	CO17586	12.39	1 1-	4ACSR	0	0	640	268	9	0	0	0.00	4.32	0
CO17721+	CO17586	12.39	3 1-	4ACSR	0	0	640	268	10	0	1	0.00	4.32	0
CO17722+	CO17721	12.52	2 1-	4ACSR	0	0	631	266	0	0	0	0.00	4.32	0
CO17609+	CO17722	12.69	0 1-	4ACSR	0	0	620	263	0	0	0	0.00	4.32	0
CO17726+	CO17722	12.60	2 1-	4ACSR	0	0	626	265	0	0	0	0.00	4.32	0
CO17727+	CO17726	12.69	1 1-	4ACSR	0	0	620	263	0	0	0	0.00	4.32	0
CO17723+	CO17727	12.74	1 1-	4ACSR	0	0	617	263	0	0	0	0.00	4.32	0
CO17724+	CO17723	12.81	0 1-	4ACSR	0	0	613	262	0	0	0	0.00	4.32	0
CO17725+	CO17726	12.68	1 1-	4ACSR	0	0	621	264	0	0	0	0.00	4.32	0
CO17719+	CO17586	12.38	432 3-	1/0ACSR	830	778	641	268	1577	36	16	0.01	4.32	20
CO17720+	CO17719	12.58	431 3-	1/0ACSR	819	768	632	267	1568	36	16	0.06	4.39	152
CO17610+	CO17720	12.67	0 1-	1/0ACSR	0	0	628	266	0	0	0	0.00	4.39	0
CO17712+	CO17720	12.62	425 3-	1/0ACSR	817	766	630	266	1548	35	16	0.01	4.40	30
CO17713+	CO17712	12.75	424 3-	1/0ACSR	810	760	624	265	1547	35	16	0.04	4.44	95
CO17611+	CO17713	12.84	1 1-	4ACSR	0	0	618	264	0	0	0	0.00	4.44	0
CO17708+	CO17713	12.79	4 1-	4ACSR	0	0	622	265	15	1	1	0.00	4.44	0
CO17709+	CO17708	12.82	3 1-	4ACSR	0	0	619	264	9	0	0	0.00	4.44	0
CO17710+	CO17709	12.92	2 1-	4ACSR	0	0	613	263	5	0	0	0.00	4.44	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17711+	CO17710	13.01	1 1-	4ACSR	0	0	608	262	2	0	0	0.00	4.44	0
CO17706+	CO17713	12.81	419 3-	1/0ACSR	807	756	622	265	1532	35	15	0.02	4.46	44
CO17707+	CO17706	12.87	418 3-	1/0ACSR	804	754	619	264	1528	35	15	0.02	4.47	44
CO17705+	CO17707	13.04	418 3-	1/0ACSR	795	746	612	263	1528	35	15	0.05	4.52	117
CO17612+	CO17705	13.11	1 1-	4ACSR	0	0	607	262	3	0	0	0.00	4.52	0
CO17587+	CO17705	13.04	417 3-	1/0ACSR	795	745	611	263	1525	35	15	0.00	4.53	5
CA64+	CO17587	13.04	0 3-	Capacitor	795	745	611	263	0	-7	0	0.00	4.53	0
CO-1594928902+	CO17587	13.17	1 1-	2ACSR	0	0	605	262	0	0	0	0.00	4.53	0
CO17737+	CO17587	13.08	6 1-	4ACSR	0	0	609	263	20	1	1	0.00	4.53	0
CO17738+	CO17737	13.16	3 1-	4ACSR	0	0	604	262	12	0	1	0.00	4.53	0
CO17704+	CO17738	13.26	2 1-	4ACSR	0	0	598	260	12	0	1	0.00	4.53	0
CO23829+	CO17704	13.45	1 1-	4ACSR	0	0	587	258	7	0	0	0.00	4.53	0
CO17613+	CO17738	13.30	1 1-	4ACSR	0	0	596	260	0	0	0	0.00	4.53	0
CO17702+	CO17587	13.12	410 3-	1/0ACSR	791	742	608	263	1504	36	16	0.03	4.55	58
CO17703+	CO17702	13.19	409 3-	1/0ACSR	787	738	605	262	1493	36	16	0.03	4.58	57
CO17701+	CO17703	13.26	408 3-	1/0ACSR	784	735	602	262	1492	36	16	0.02	4.60	50
CO17700+	CO17701	13.29	1 1-	2ACSR	0	0	601	261	5	0	0	0.00	4.60	0
CO17699+	CO17701	13.33	407 3-	1/0ACSR	780	732	599	261	1487	36	16	0.02	4.62	50
CO17697+	CO17699	13.37	407 3-	1/0ACSR	778	730	598	261	1487	36	16	0.02	4.64	35
CO17698+	CO17697	13.39	407 3-	1/0ACSR	777	729	597	261	1486	36	16	0.01	4.64	15
CO17615+	CO17698	13.47	2 1-	4ACSR	0	0	592	260	5	0	0	0.00	4.64	0
CO17588+	CO17698	13.50	403 3-	1/0ACSR	772	724	592	260	1472	35	16	0.04	4.68	79
CO23831+	CO17588	13.62	342 3-	1/0ACSR	766	719	588	259	1275	31	13	0.03	4.71	64
CO17420+	CO23831	13.77	341 3-	1/0ACSR	759	713	582	258	1265	30	13	0.04	4.76	82
CO17410+	CO17420	13.82	337 3-	1/0ACSR	757	710	580	258	1247	30	13	0.01	4.77	27
CO17411+	CO17410	13.83	336 3-	1/0ACSR	756	710	579	258	1243	30	13	0.00	4.77	5
CO17400+	CO17411	13.87	2 1-	2ACSR	0	0	577	257	4	0	0	0.00	4.77	0
CO17409+	CO17411	13.85	334 3-	1/0ACSR	755	709	579	257	1239	30	13	0.01	4.78	11
CO23832+	CO17409	13.93	3 1-	4ACSR	0	0	574	256	11	0	1	0.00	4.78	0
CO17733+	CO23832	13.98	2 1-	4ACSR	0	0	571	256	10	0	1	0.00	4.78	0
CO17592+	CO17733	14.03	2 1-	4ACSR	0	0	569	255	10	0	1	0.00	4.78	0
CO17593+	CO17592	14.19	2 1-	4ACSR	0	0	560	253	10	0	1	0.00	4.79	0
CO17623+	CO17593	14.38	2 1-	4ACSR	0	0	550	251	10	0	1	0.00	4.79	0
CO17622+	CO17593	14.23	0 1-	4ACSR	0	0	558	253	0	0	0	0.00	4.79	0
CO17621+	CO17592	14.08	0 1-	4ACSR	0	0	565	254	0	0	0	0.00	4.78	0
CO17361+	CO17409	13.90	326 3-	1/0ACSR	753	707	577	257	1205	29	13	0.01	4.79	25
CO17407+	CO17361	13.96	2 1-	4ACSR	0	0	573	256	11	0	1	0.00	4.80	0
CO17406+	CO17407	13.98	1 1-	4ACSR	0	0	572	256	4	0	0	0.00	4.80	0
CO17405+	CO17361	13.94	324 3-	1/0ACSR	751	705	575	257	1194	29	13	0.01	4.81	21
CO17478+	CO17405	14.09	322 3-	1/0ACSR	744	699	569	256	1185	28	13	0.04	4.85	70
CO17479+	CO17478	14.24	320 3-	1/0ACSR	738	693	564	255	1184	28	13	0.04	4.89	70
CO17389+	CO17479	14.30	2 1-	4ACSR	0	0	561	254	3	0	0	0.00	4.89	0
CO17480+	CO17479	14.26	317 3-	1/0ACSR	737	692	563	255	1178	28	12	0.01	4.89	10
CO17481+	CO17480	14.32	314 3-	1/0ACSR	734	689	561	254	1166	28	12	0.02	4.91	29
CO17511+	CO17481	14.33	2 1-	4ACSR	0	0	560	254	6	0	0	0.00	4.91	0
OC531+	CO17511	14.33	2 1-	10 N FUSE	0	0	560	254	6	0	4	0.00	4.91	0
CO17512+	OC531	14.47	2 1-	4ACSR	0	0	553	252	6	0	0	0.00	4.91	0
CO23833+	CO17512	14.64	2 1-	4ACSR	0	0	544	250	6	0	0	0.00	4.91	0
CO17662+	CO23833	14.72	2 1-	4ACSR	0	0	540	249	6	0	0	0.00	4.91	0
CO17663+	CO17662	14.79	0 1-	4ACSR	0	0	537	248	0	0	0	0.00	4.91	0
CO23834+	CO17663	14.90	0 1-	4ACSR	0	0	531	247	0	0	0	0.00	4.91	0
CO17452+	CO17481	14.38	0 1-	4ACSR	0	0	558	253	0	0	0	0.00	4.91	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17453+	CO17452	14.42	0 1-	4ACSR	0	0	556	253	0	0	0	0.00	4.91	0
CO17482+	CO17481	14.50	312 3-	1/0ACSR	726	682	554	253	1160	28	12	0.05	4.95	81
CO17483+	CO17482	14.56	311 3-	1/0ACSR	723	679	552	253	1159	28	12	0.02	4.97	30
CO17390+	CO17483	14.66	1 1-	4ACSR	0	0	547	251	1	0	0	0.00	4.97	0
CO17501+	CO17483	14.68	305 3-	1/0ACSR	719	675	548	252	1139	27	12	0.03	5.00	49
CO17502+	CO17501	14.77	305 3-	1/0ACSR	715	671	545	251	1139	27	12	0.02	5.02	41
CO17370+	CO17502	14.91	289 3-	1/0ACSR	709	666	540	250	1074	26	11	0.03	5.06	56
CO17392+	CO17370	14.99	0 1-	4ACSR	0	0	536	249	0	0	0	0.00	5.06	0
CO17371+	CO17370	14.99	289 3-	1/0ACSR	706	663	538	250	1074	26	11	0.02	5.08	30
CO17372+	CO17371	15.25	287 3-	1/0ACSR	695	653	529	248	1069	26	11	0.06	5.14	103
CO17484+	CO17372	15.30	283 3-	1/0ACSR	693	651	527	248	1058	25	11	0.01	5.15	18
CO17485+	CO17484	15.35	282 3-	1/0ACSR	691	650	526	247	1058	25	11	0.01	5.17	18
CO17375+	CO17485	15.41	262 3-	1/0ACSR	689	647	524	247	997	24	11	0.01	5.18	20
CO17458+	CO17375	15.46	2 1-	4ACSR	0	0	521	246	5	0	0	0.00	5.18	0
CO17459+	CO17458	15.52	1 1-	4ACSR	0	0	519	246	0	0	0	0.00	5.18	0
CO17460+	CO17459	15.66	1 1-	4ACSR	0	0	512	244	0	0	0	0.00	5.18	0
CO17374+	CO17375	15.62	260 3-	1/0ACSR	681	640	517	246	992	24	11	0.05	5.23	71
CO17395+	CO17374	15.67	2 1-	4ACSR	0	0	515	245	9	0	0	0.00	5.23	0
CO17461+	CO17374	15.70	2 1-	4ACSR	0	0	513	245	7	0	0	0.00	5.23	0
CO17462+	CO17461	15.89	2 1-	4ACSR	0	0	505	242	7	0	0	0.00	5.23	0
CO17488+	CO17374	15.80	256 3-	1/0ACSR	674	634	512	245	976	23	10	0.04	5.27	60
CO17489+	CO17488	15.90	255 3-	1/0ACSR	670	630	509	244	968	23	10	0.02	5.29	32
CO17503+	CO17489	15.98	3 1-	4ACSR	0	0	505	243	10	0	1	0.00	5.29	0
CO17504+	CO17503	16.03	1 1-	4ACSR	0	0	503	242	2	0	0	0.00	5.29	0
CO17433+	CO17489	15.95	252 3-	1/0ACSR	668	629	507	244	957	23	10	0.01	5.30	15
CO17434+	CO17433	16.14	252 3-	1/0ACSR	661	622	502	242	957	23	10	0.04	5.34	60
CO17435+	CO17434	16.18	252 3-	1/0ACSR	660	621	500	242	957	23	10	0.01	5.35	15
CO17376+	CO17435	16.27	23 1-	4ACSR	0	0	497	241	80	5	4	0.01	5.36	0
XFMR51	CO17376	16.27	23 1-	333 KVA 1PH AUT	0	0	600	160	80	5	25	0.34	5.70	0
CO17509	XFMR51	16.27	6 1-	4ACSR	0	0	599	160	22	3	2	0.00	5.70	0
OC536	CO17509	16.27	6 1-	15 N FUSE	0	0	599	160	22	3	22	0.00	5.70	0
CO17510	OC536	16.43	6 1-	4ACSR	0	0	583	158	22	3	2	0.02	5.72	0
CO17496	CO17510	16.59	5 1-	4ACSR	0	0	567	157	11	1	1	0.01	5.73	0
CO17439	CO17496	16.78	4 1-	4ACSR	0	0	549	155	9	1	1	0.01	5.74	0
CO17440	CO17439	17.01	3 1-	4ACSR	0	0	527	153	9	1	1	0.01	5.76	0
CO17441	CO17440	17.63	3 1-	4ACSR	0	0	476	148	9	1	1	0.04	5.80	0
CO17396	CO17441	17.71	1 1-	4ACSR	0	0	470	147	5	0	1	0.00	5.80	0
CO17442	CO17441	17.72	2 1-	4ACSR	0	0	470	147	3	0	0	0.00	5.80	0
CO23838	CO17442	18.06	2 1-	4ACSR	0	0	445	144	3	0	0	0.01	5.81	0
CO17334	CO23838	18.20	2 1-	4ACSR	0	0	436	143	3	0	0	0.00	5.81	0
CO17335	CO17334	18.50	2 1-	4ACSR	0	0	417	141	3	0	0	0.01	5.82	0
CO17336	CO17335	18.54	2 1-	4ACSR	0	0	414	140	3	0	0	0.00	5.82	0
CO1630957548	CO17336	18.57	1 1-	2ACSR	0	0	413	140	2	0	0	0.00	5.82	0
CO17515	XFMR51	16.27	17 1-	4ACSR	0	0	599	160	58	8	6	0.00	5.71	0
OC530	CO17515	16.27	17 1-	35 H OCR	0	0	599	160	58	8	24	0.00	5.71	0
CO17516	OC530	16.37	17 1-	4ACSR	0	0	589	159	58	8	6	0.04	5.74	4
CO17443	CO17516	16.79	17 1-	4ACSR	0	0	548	155	58	8	6	0.17	5.91	16
CO17507	CO17443	16.90	17 1-	4ACSR	0	0	538	154	58	8	6	0.04	5.95	4
CO17508	CO17507	17.12	15 1-	4ACSR	0	0	517	152	52	7	5	0.08	6.03	7
CO17377	CO17508	17.28	13 1-	4ACSR	0	0	505	151	51	7	5	0.05	6.09	5
CO17413	CO17377	17.50	12 1-	4ACSR	0	0	487	149	48	7	5	0.07	6.16	6
CO17414	CO17413	17.53	11 1-	4ACSR	0	0	484	148	45	6	5	0.01	6.17	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17466	CO17414	17.60	10 1-	4ACSR	0	0	479	148	41	6	4	0.02	6.19	0
CO17467	CO17466	17.74	10 1-	4ACSR	0	0	468	147	41	6	4	0.04	6.23	3
CO17468	CO17467	17.78	10 1-	4ACSR	0	0	465	146	41	6	4	0.01	6.24	0
CO30641	CO17468	17.87	7 1-	4ACSR	0	0	458	146	30	4	3	0.02	6.26	0
CO7074	CO30641	17.90	6 1-	4ACSR	0	0	456	145	25	3	3	0.00	6.27	0
CO7073	CO7074	17.91	6 1-	4ACSR	0	0	456	145	25	3	3	0.00	6.27	0
CO8360	CO7073	18.29	5 1-	4ACSR	0	0	430	142	24	3	3	0.05	6.32	0
CO6956	CO8360	18.45	4 1-	4ACSR	0	0	420	141	15	2	2	0.02	6.34	0
CO6957	CO6956	18.56	2 1-	4ACSR	0	0	413	140	12	1	1	0.01	6.35	0
CO6958	CO6957	18.77	2 1-	4ACSR	0	0	401	139	12	1	1	0.01	6.36	0
CO6959	CO6956	18.65	1 1-	4ACSR	0	0	407	139	3	0	0	0.00	6.34	0
CO6960	CO6959	18.73	1 1-	4ACSR	0	0	403	139	3	0	0	0.00	6.34	0
CO6976	CO30641	17.91	1 1-	2ACSR	0	0	456	145	5	0	0	0.00	6.26	0
CO30640	CO17468	17.85	1 1-	4ACSR	0	0	460	146	3	0	0	0.00	6.24	0
CO17408	CO17468	17.84	2 1-	4ACSR	0	0	460	146	8	1	1	0.00	6.24	0
CO17403	CO17413	17.54	1 1-	2ACSR	0	0	484	148	4	0	0	0.00	6.16	0
CO17397	CO17377	17.41	1 1-	4ACSR	0	0	494	149	2	0	0	0.00	6.09	0
CO17463	CO17508	17.25	1 1-	4ACSR	0	0	506	151	0	0	0	0.00	6.03	0
CO17464	CO17463	17.36	1 1-	4ACSR	0	0	498	150	0	0	0	0.00	6.03	0
CO17436+	CO17435	16.39	229 3-	1/0ACSR	652	614	494	241	877	21	9	0.04	5.39	54
CO17437+	CO17436	16.42	229 3-	1/0ACSR	651	613	493	241	877	21	9	0.01	5.40	10
CO17416+	CO17437	16.50	3 1-	4ACSR	0	0	490	240	14	1	1	0.00	5.40	0
CO17417+	CO17416	16.53	1 1-	4ACSR	0	0	489	239	8	0	0	0.00	5.40	0
CO17494+	CO17416	16.58	2 1-	4ACSR	0	0	487	239	6	0	0	0.00	5.40	0
CO17495+	CO17494	16.67	1 1-	4ACSR	0	0	483	238	4	0	0	0.00	5.40	0
CO17438+	CO17437	16.60	226 3-	1/0ACSR	645	607	489	240	862	21	9	0.03	5.43	44
CO17505+	CO17438	16.90	226 3-	1/0ACSR	635	598	480	238	862	21	9	0.06	5.49	77
CO17506+	CO17505	16.94	226 3-	1/0ACSR	634	596	479	237	862	21	9	0.01	5.50	12
CO17465+	CO17506	17.00	1 1-	4ACSR	0	0	477	237	4	0	0	0.00	5.50	0
CO17499+	CO17465	17.07	1 1-	4ACSR	0	0	474	236	4	0	0	0.00	5.50	0
CO17500+	CO17499	17.13	0 1-	4ACSR	0	0	472	235	0	0	0	0.00	5.50	0
CO17490+	CO17506	17.04	225 3-	1/0ACSR	630	593	477	237	858	20	9	0.02	5.52	24
CO17491+	CO17490	17.06	223 3-	1/0ACSR	630	593	476	237	848	20	9	0.00	5.53	5
CO17418+	CO17491	17.09	3 1-	4ACSR	0	0	475	236	63	4	3	0.00	5.53	0
CO17398+	CO17418	17.12	2 1-	4ACSR	0	0	474	236	12	0	1	0.00	5.53	0
CO17419+	CO17418	17.13	1 1-	4ACSR	0	0	473	236	51	3	3	0.00	5.53	0
CO17399+	CO17491	17.10	1 1-	4ACSR	0	0	474	236	3	0	0	0.00	5.53	0
CO17521+	CO17491	17.06	218 3-	1/0ACSR	629	593	476	237	782	19	8	0.00	5.53	0
OC964+	CO17521	17.06	218 3-	50 E OCR	629	593	476	237	782	19	38	0.00	5.53	0
CO17522+	OC964	17.14	218 3-	1/0ACSR	627	590	474	236	782	19	8	0.01	5.54	15
CO17404+	CO17522	17.18	1 1-	4ACSR	0	0	472	236	2	0	0	0.00	5.54	0
CO17469+	CO17522	17.32	215 3-	1/0ACSR	621	585	469	235	779	19	8	0.03	5.57	37
CO17470+	CO17469	17.71	215 3-	1/0ACSR	609	573	459	233	779	19	8	0.07	5.64	82
CO30639+	CO17470	17.81	215 3-	1/0ACSR	606	571	457	232	778	19	8	0.02	5.66	21
CO6979+	CO30639	17.86	215 3-	1/0ACSR	605	569	456	232	778	19	8	0.01	5.67	9
CO6970+	CO6979	18.06	2 1-	4ACSR	0	0	449	230	5	0	0	0.00	5.67	0
CO6980+	CO6979	17.93	213 3-	1/0ACSR	602	567	454	232	773	18	8	0.01	5.68	16
CO6981+	CO6980	18.04	213 3-	1/0ACSR	599	564	451	231	773	18	8	0.02	5.70	23
CO6982+	CO6981	18.18	213 3-	1/0ACSR	595	560	448	230	773	18	8	0.02	5.73	29
CO6983+	CO6982	18.26	212 3-	1/0ACSR	592	558	446	230	772	18	8	0.01	5.74	16
CO6984+	CO6983	18.35	211 3-	1/0ACSR	590	556	444	229	766	18	8	0.01	5.75	17
CO6985+	CO6984	18.37	210 3-	1/0ACSR	589	555	444	229	766	18	8	0.00	5.76	4

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17295+	CO6985	18.48	202 3-	1/0ACSR	586	552	441	228	745	18	8	0.02	5.78	22
CO6989+	CO17295	18.51	201 3-	1/0ACSR	585	552	441	228	593	14	6	0.00	5.78	3
CO6990+	CO6989	18.53	201 3-	1/0ACSR	585	551	440	228	593	14	6	0.00	5.78	2
CO7052+	CO6990	18.59	201 2-	2ACSR	0	549	439	228	593	21	12	0.02	5.80	18
CO7051+	CO7052	18.63	0 1-	2ACSR	0	0	438	227	0	0	0	0.00	5.80	0
CO7053+	CO7052	18.65	199 2-	2ACSR	0	547	437	227	593	21	12	0.02	5.82	20
CO7050+	CO7053	18.77	199 2-	2ACSR	0	543	434	226	593	21	12	0.04	5.86	39
CO6977+	CO7050	18.84	1 2-	2ACSR	0	541	432	226	14	0	0	0.00	5.86	0
CO6963+	CO7050	19.03	198 1-	2ACSR	0	0	427	224	578	42	24	0.19	6.05	167
CO7002+	CO6963	19.07	7 1-	4ACSR	0	0	426	224	23	1	1	0.00	6.05	0
CO7003+	CO7002	19.22	6 1-	4ACSR	0	0	421	223	17	1	1	0.00	6.06	0
CO7001+	CO7003	19.29	6 1-	4ACSR	0	0	419	222	17	1	1	0.00	6.06	0
CO7000+	CO7001	19.41	6 1-	4ACSR	0	0	415	221	17	1	1	0.00	6.06	0
CO6999+	CO7000	19.52	5 1-	4ACSR	0	0	412	220	13	0	1	0.00	6.06	0
CO6998+	CO6999	19.59	4 1-	4ACSR	0	0	410	219	11	0	1	0.00	6.06	0
CO6997+	CO6998	19.65	4 1-	4ACSR	0	0	408	218	11	0	1	0.00	6.07	0
CO6996+	CO6997	19.82	3 1-	4ACSR	0	0	403	217	5	0	0	0.00	6.07	0
CO6995+	CO6996	19.87	2 1-	4ACSR	0	0	401	216	2	0	0	0.00	6.07	0
CO6994+	CO6995	19.93	2 1-	4ACSR	0	0	400	216	2	0	0	0.00	6.07	0
CO6993+	CO6994	19.99	2 1-	4ACSR	0	0	398	215	2	0	0	0.00	6.07	0
CO6992+	CO6993	20.02	2 1-	4ACSR	0	0	397	215	2	0	0	0.00	6.07	0
CO6991+	CO6992	20.06	1 1-	4ACSR	0	0	396	215	2	0	0	0.00	6.07	0
CO7004+	CO6963	19.07	191 1-	2ACSR	0	0	426	224	555	40	23	0.02	6.07	20
CO7005+	CO7004	19.34	190 1-	2ACSR	0	0	419	222	552	40	23	0.19	6.26	161
CO7006+	CO7005	19.41	189 1-	2ACSR	0	0	418	222	548	40	23	0.04	6.31	37
CO7009+	CO7006	19.48	8 1-	2ACSR	0	0	416	221	44	3	2	0.00	6.31	0
CO7010+	CO7009	19.60	8 1-	2ACSR	0	0	413	220	44	3	2	0.01	6.32	0
CO7048+	CO7010	19.68	7 1-	2ACSR	0	0	411	220	40	2	2	0.00	6.32	0
CO7049+	CO7048	19.73	5 1-	2ACSR	0	0	410	219	36	2	1	0.00	6.32	0
CO7014+	CO7049	19.76	4 1-	2ACSR	0	0	409	219	26	1	1	0.00	6.32	0
CO7017+	CO7014	19.82	2 1-	4ACSR	0	0	407	219	20	1	1	0.00	6.32	0
CO7018+	CO7017	19.86	1 1-	4ACSR	0	0	406	218	4	0	0	0.00	6.32	0
CO7015+	CO7014	19.84	1 1-	4ACSR	0	0	407	218	2	0	0	0.00	6.32	0
CO7016+	CO7015	19.87	0 1-	4ACSR	0	0	406	218	0	0	0	0.00	6.32	0
CO6972+	CO7014	19.79	1 1-	4ACSR	0	0	408	219	4	0	0	0.00	6.32	0
CO7012+	CO7010	19.64	1 1-	4ACSR	0	0	412	220	4	0	0	0.00	6.32	0
CO7013+	CO7012	19.68	1 1-	4ACSR	0	0	411	220	4	0	0	0.00	6.32	0
CO7011+	CO7013	19.71	1 1-	4ACSR	0	0	409	219	4	0	0	0.00	6.32	0
CO7007+	CO7006	19.43	181 1-	2ACSR	0	0	417	222	503	37	21	0.01	6.32	11
CO7008+	CO7007	19.47	181 1-	2ACSR	0	0	416	221	503	37	21	0.02	6.34	19
CO7046+	CO7008	19.52	180 1-	2ACSR	0	0	415	221	503	37	21	0.03	6.37	23
CO7047+	CO7046	19.56	179 1-	2ACSR	0	0	414	221	501	37	21	0.03	6.40	24
CO7075+	CO7047	19.57	172 1-	2ACSR	0	0	414	221	482	35	20	0.00	6.41	3
OC192+	CO7075	19.57	172 1-	35 E OCR	0	0	414	221	482	35	102	0.00	6.41	0
CO7076+	OC192	19.67	172 1-	2ACSR	0	0	411	220	482	35	20	0.06	6.46	43
CO6962+	CO7076	19.81	169 1-	2ACSR	0	0	408	219	467	34	19	0.08	6.55	60
CO6975+	CO6962	19.89	1 1-	4ACSR	0	0	406	218	13	0	1	0.00	6.55	0
CO7032+	CO6962	19.90	168 1-	2ACSR	0	0	406	218	454	33	19	0.05	6.60	38
CO7033+	CO7032	19.95	168 1-	2ACSR	0	0	405	218	454	33	19	0.02	6.62	17
CO7031+	CO7033	20.07	168 1-	2ACSR	0	0	402	217	454	33	19	0.07	6.70	51
CO6973+	CO7031	20.19	2 1-	4ACSR	0	0	399	216	2	0	0	0.00	6.70	0
CO7027+	CO7031	20.19	162 1-	2ACSR	0	0	399	216	444	32	18	0.06	6.76	43

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7028+	CO7027	20.44	162 1-	2ACSR	0	0	393	215	444	32	18	0.14	6.90	98
CO7077+	CO7028	20.60	160 1-	2ACSR	0	0	390	214	441	32	18	0.09	6.99	59
CO1350600304+	CO7077	20.76	1 1-	2ACSR	0	0	387	212	3	0	0	0.00	6.99	0
CO7023+	CO7077	20.64	157 1-	2ACSR	0	0	389	213	437	32	18	0.02	7.01	14
CO7024+	CO7023	20.67	156 1-	2ACSR	0	0	388	213	435	32	18	0.02	7.03	13
CO7022+	CO7024	20.78	154 1-	2ACSR	0	0	386	212	432	32	18	0.06	7.09	40
CO7021+	CO7022	20.81	153 1-	2ACSR	0	0	386	212	429	31	18	0.01	7.10	9
CO7020+	CO7021	20.97	151 1-	2ACSR	0	0	382	211	423	31	18	0.08	7.18	56
CO6969+	CO7020	21.06	2 1-	4ACSR	0	0	380	210	4	0	0	0.00	7.18	0
CO7019+	CO7020	21.00	149 1-	2ACSR	0	0	382	211	420	31	17	0.02	7.20	11
CO8356+	CO7019	21.17	149 1-	2ACSR	0	0	378	210	420	31	17	0.09	7.29	60
CO6861+	CO8356	21.35	145 1-	2ACSR	0	0	374	209	403	30	17	0.09	7.38	56
CO6883+	CO6861	21.42	2 1-	4ACSR	0	0	373	208	11	0	1	0.00	7.38	0
CO6884+	CO6883	21.47	1 1-	4ACSR	0	0	372	208	5	0	0	0.00	7.38	0
CO6885+	CO6861	21.68	141 1-	2ACSR	0	0	368	207	386	28	16	0.16	7.54	97
CO6886+	CO6885	21.84	141 1-	2ACSR	0	0	365	206	385	28	16	0.08	7.61	46
CO6869+	CO6886	21.92	2 1-	4ACSR	0	0	363	205	4	0	0	0.00	7.62	0
CO6887+	CO6886	22.11	139 1-	2ACSR	0	0	360	204	381	28	16	0.13	7.74	77
CO6888+	CO6887	22.16	139 1-	2ACSR	0	0	359	204	381	28	16	0.03	7.77	15
CO6862+	CO6888	22.24	125 1-	2ACSR	0	0	357	203	346	25	14	0.04	7.80	19
CO6863+	CO6862	22.33	123 1-	2ACSR	0	0	356	203	332	24	14	0.04	7.84	18
CO6871+	CO6863	22.38	2 1-	4ACSR	0	0	355	202	1	0	0	0.00	7.84	0
CO6864+	CO6863	22.36	117 1-	2ACSR	0	0	355	202	320	23	13	0.01	7.85	7
CO6872+	CO6864	22.40	1 1-	4ACSR	0	0	354	202	2	0	0	0.00	7.85	0
CO6921+	CO6864	22.42	115 1-	2ACSR	0	0	354	202	315	23	13	0.02	7.87	11
CO6922+	CO6921	22.52	114 1-	2ACSR	0	0	352	201	308	23	13	0.04	7.92	21
CO6952+	CO6922	22.66	8 1-	4ACSR	0	0	349	200	28	2	2	0.01	7.92	0
CO6923+	CO6952	22.73	1 1-	2ACSR	0	0	348	200	1	0	0	0.00	7.92	0
CO6924+	CO6923	22.79	1 1-	2ACSR	0	0	347	200	1	0	0	0.00	7.92	0
CO6953+	CO6952	22.78	5 1-	4ACSR	0	0	347	199	16	1	1	0.00	7.92	0
CO6873+	CO6953	22.85	1 1-	4ACSR	0	0	345	199	3	0	0	0.00	7.93	0
CO6881+	CO6953	22.85	1 1-	2ACSR	0	0	346	199	7	0	0	0.00	7.93	0
CO6925+	CO6953	23.00	3 1-	4ACSR	0	0	342	198	6	0	0	0.00	7.93	0
CO6926+	CO6925	23.06	2 1-	4ACSR	0	0	341	197	2	0	0	0.00	7.93	0
CO6874+	CO6926	23.09	1 1-	4ACSR	0	0	340	197	2	0	0	0.00	7.93	0
CO6927+	CO6926	23.23	1 1-	4ACSR	0	0	337	196	0	0	0	0.00	7.93	0
CO8357+	CO6927	23.80	0 1-	4ACSR	0	0	326	192	0	0	0	0.00	7.93	0
CO7087+	CO8357	23.94	0 1-	4ACSR	0	0	323	191	0	0	0	0.00	7.93	0
CO6865+	CO6922	22.77	106 1-	2ACSR	0	0	348	200	280	20	12	0.09	8.00	39
CO6954+	CO6865	22.95	104 1-	2ACSR	0	0	345	199	272	20	11	0.06	8.06	26
CO6955+	CO6954	23.05	101 1-	2ACSR	0	0	343	198	265	19	11	0.03	8.10	14
CO6928+	CO6955	23.09	101 1-	2ACSR	0	0	343	198	265	19	11	0.01	8.11	5
CO6866+	CO6928	23.25	98 1-	2ACSR	0	0	340	197	256	19	11	0.05	8.16	21
CO6933+	CO6866	23.29	3 1-	4ACSR	0	0	339	197	5	0	0	0.00	8.16	0
CO6934+	CO6933	23.34	2 1-	4ACSR	0	0	338	197	2	0	0	0.00	8.16	0
CO6877+	CO6866	23.31	0 1-	4ACSR	0	0	338	197	0	0	0	0.00	8.16	0
CO6937+	CO6866	23.49	95 1-	2ACSR	0	0	336	196	251	18	10	0.07	8.24	30
CO6938+	CO6937	23.55	94 1-	2ACSR	0	0	335	196	242	18	10	0.02	8.26	7
CO6939+	CO6938	23.57	94 1-	2ACSR	0	0	335	195	242	18	10	0.01	8.26	2
CO6867+	CO6939	23.68	91 1-	2ACSR	0	0	333	195	236	17	10	0.03	8.29	12
CO8275+	CO6867	23.80	89 1-	2ACSR	0	0	331	194	221	16	9	0.03	8.33	11
CO8277+	CO8275	23.89	3 1-	2ACSR	0	0	330	194	5	0	0	0.00	8.33	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6945+	CO8277	23.92	3 1-	2ACSR	0	0	329	194	5	0	0	0.00	8.33	0
CO6946+	CO6945	23.94	1 1-	2ACSR	0	0	329	193	0	0	0	0.00	8.33	0
CO6947+	CO6946	24.09	1 1-	2ACSR	0	0	326	193	0	0	0	0.00	8.33	0
CO6948+	CO6947	24.23	1 1-	2ACSR	0	0	324	192	0	0	0	0.00	8.33	0
CO6949+	CO6948	24.30	1 1-	2ACSR	0	0	323	191	0	0	0	0.00	8.33	0
CO6950+	CO6949	24.40	1 1-	2ACSR	0	0	322	191	0	0	0	0.00	8.33	0
CO6951+	CO6950	24.49	1 1-	2ACSR	0	0	320	190	0	0	0	0.00	8.33	0
CO8359+	CO6951	24.58	1 1-	2ACSR	0	0	319	190	0	0	0	0.00	8.33	0
CO7098+	CO8359	24.67	1 1-	2ACSR	0	0	318	190	0	0	0	0.00	8.33	0
CO7099+	CO7098	24.73	1 1-	2ACSR	0	0	317	189	0	0	0	0.00	8.33	0
CO6944+	CO6945	24.05	1 1-	2ACSR	0	0	327	193	1	0	0	0.00	8.33	0
CO4090+	CO8275	23.86	86 1-	2ACSR	0	0	330	194	217	16	9	0.02	8.34	6
CO4097+	CO4090	23.93	84 1-	2ACSR	0	0	329	193	213	16	9	0.02	8.36	7
CO4096+	CO4097	24.00	1 1-	2ACSR	0	0	328	193	2	0	0	0.00	8.36	0
CO4099+	CO4097	23.99	83 1-	2ACSR	0	0	328	193	211	15	9	0.01	8.38	5
CO4098+	CO4099	24.11	83 1-	2ACSR	0	0	326	193	211	15	9	0.03	8.41	11
CO1951844809+	CO4098	24.22	1 1-	2ACSR	0	0	324	192	7	0	0	0.00	8.41	0
CO1711662215+	CO1951844809	24.26	0 1-	2ACSR	0	0	324	192	0	0	0	0.00	8.41	0
CO-1423191480+	CO1951844809	24.25	1 1-	2ACSR	0	0	324	192	7	0	0	0.00	8.41	0
CO1108135494+	CO-1423191480	24.30	1 1-	2ACSR	0	0	323	191	7	0	0	0.00	8.41	0
CO4091+	CO4098	24.26	81 1-	2ACSR	0	0	324	192	202	15	8	0.04	8.45	13
CO344960639+	CO4091	24.37	80 1-	2ACSR	0	0	322	191	202	15	8	0.03	8.48	9
CO8276+	CO344960639	24.65	79 1-	2ACSR	0	0	318	190	201	15	8	0.07	8.55	23
CO4663+	CO8276	24.69	2 1-	4ACSR	0	0	317	189	15	1	1	0.00	8.55	0
CO4662+	CO4663	24.73	1 1-	4ACSR	0	0	317	189	5	0	0	0.00	8.55	0
CO4606+	CO8276	24.71	75 1-	2ACSR	0	0	317	189	184	13	8	0.01	8.56	4
CO4679+	CO4606	24.72	25 1-	2ACSR	0	0	317	189	64	4	3	0.00	8.56	0
OC129+	CO4679	24.72	25 1-	25 E OCR	0	0	317	189	64	4	19	0.00	8.56	0
CO4680+	OC129	24.90	25 1-	2ACSR	0	0	314	188	64	4	3	0.01	8.58	0
CO4637+	CO4680	24.97	24 1-	2ACSR	0	0	313	188	59	4	2	0.01	8.58	0
CO4622+	CO4637	25.05	1 1-	4ACSR	0	0	312	187	9	0	0	0.00	8.58	0
CO4621+	CO4637	25.09	1 1-	4ACSR	0	0	311	187	1	0	0	0.00	8.58	0
CO-664045628+	CO4621	25.19	0 1-	2ACSR	0	0	310	187	0	0	0	0.00	8.58	0
CO4607+	CO4637	25.09	22 1-	2ACSR	0	0	312	187	49	3	2	0.01	8.59	0
CO4608+	CO4607	25.47	20 1-	2ACSR	0	0	307	185	45	3	2	0.02	8.61	0
CO4624+	CO4608	25.55	0 1-	4ACSR	0	0	305	185	0	0	0	0.00	8.61	0
CO4609+	CO4608	25.57	20 1-	2ACSR	0	0	305	185	45	3	2	0.01	8.62	0
CO4638+	CO4609	25.70	17 1-	2ACSR	0	0	303	184	40	3	2	0.01	8.62	0
CO1677546749+	CO4638	25.72	15 1-	2ACSR	0	0	303	184	28	2	1	0.00	8.62	0
CO25427673+	CO1677546749	25.84	14 1-	2ACSR	0	0	302	184	27	2	1	0.00	8.63	0
CO4610+	CO25427673	26.07	13 1-	2ACSR	0	0	299	182	25	1	1	0.01	8.63	0
CO4611+	CO4610	26.23	12 1-	2ACSR	0	0	297	182	21	1	1	0.00	8.64	0
CO4668+	CO4611	26.27	3 1-	4ACSR	0	0	296	181	3	0	0	0.00	8.64	0
CO4627+	CO4668	26.38	1 1-	4ACSR	0	0	294	181	0	0	0	0.00	8.64	0
CO4667+	CO4668	26.34	2 1-	4ACSR	0	0	295	181	3	0	0	0.00	8.64	0
CO4681+	CO4611	26.27	9 1-	2ACSR	0	0	296	181	18	1	1	0.00	8.64	0
CO4645+	CO4681	26.29	7 1-	2ACSR	0	0	296	181	18	1	1	0.00	8.64	0
CO4644+	CO4645	26.47	7 1-	2ACSR	0	0	293	181	18	1	1	0.00	8.64	0
CO4643+	CO4644	26.60	7 1-	2ACSR	0	0	292	180	18	1	1	0.00	8.65	0
CO4642+	CO4643	26.74	4 1-	2ACSR	0	0	290	179	13	1	1	0.00	8.65	0
CO4635+	CO4642	26.81	1 1-	2ACSR	0	0	289	179	6	0	0	0.00	8.65	0
CO4641+	CO4642	26.80	3 1-	2ACSR	0	0	289	179	8	0	0	0.00	8.65	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4646+	CO4641	26.86	3 1-	2ACSR	0	0	289	179	8	0	0	0.00	8.65	0
CO4682+	CO4646	27.06	2 1-	2ACSR	0	0	286	178	6	0	0	0.00	8.65	0
CO4640+	CO4682	27.13	2 1-	2ACSR	0	0	285	177	6	0	0	0.00	8.65	0
CO4605+	CO4640	27.25	1 1-	2ACSR	0	0	284	177	6	0	0	0.00	8.65	0
CO4619+	CO4605	27.44	0 1-	4ACSR	0	0	281	176	0	0	0	0.00	8.65	0
CO4618+	CO4605	27.38	1 1-	4ACSR	0	0	282	176	6	0	0	0.00	8.65	0
CO4617+	CO4640	27.18	1 1-	4ACSR	0	0	285	177	0	0	0	0.00	8.65	0
CO4616+	CO4640	27.20	0 1-	4ACSR	0	0	284	177	0	0	0	0.00	8.65	0
CO4626+	CO4610	26.14	1 1-	4ACSR	0	0	297	182	4	0	0	0.00	8.63	0
CO4634+	CO25427673	25.91	1 1-	2ACSR	0	0	301	183	3	0	0	0.00	8.63	0
CO-1977394664+	CO1677546749	25.80	1 1-	2ACSR	0	0	302	184	1	0	0	0.00	8.62	0
CO4625+	CO4609	25.67	3 1-	4ACSR	0	0	303	184	5	0	0	0.00	8.62	0
CO4664+	CO4607	25.18	2 1-	4ACSR	0	0	310	187	4	0	0	0.00	8.59	0
CO4623+	CO4664	25.21	1 1-	4ACSR	0	0	310	187	2	0	0	0.00	8.59	0
CO4665+	CO4664	25.20	1 1-	4ACSR	0	0	310	187	1	0	0	0.00	8.59	0
CO4666+	CO4665	25.25	1 1-	4ACSR	0	0	309	186	1	0	0	0.00	8.59	0
CO4612+	CO4606	24.82	49 1-	2ACSR	0	0	316	189	118	8	5	0.02	8.58	3
CO4613+	CO4612	24.86	48 1-	2ACSR	0	0	315	189	118	8	5	0.01	8.58	0
CO17293+	CO4613	24.87	47 1-	2ACSR	0	0	315	188	116	8	5	0.00	8.58	0
OC131+	CO17293	24.87	47 1-	25 H OCR	0	0	315	188	116	8	35	0.00	8.58	0
CO17294+	OC131	24.87	47 1-	2ACSR	0	0	315	188	116	8	5	0.00	8.59	0
CO4632+	CO17294	24.92	0 1-	2ACSR	0	0	314	188	0	0	0	0.00	8.59	0
CO4647+	CO17294	25.07	47 1-	2ACSR	0	0	312	187	116	8	5	0.03	8.61	5
CO4614+	CO4647	25.17	45 1-	2ACSR	0	0	311	187	113	8	5	0.01	8.63	2
CO4648+	CO4614	25.28	42 1-	2ACSR	0	0	309	186	110	8	5	0.02	8.64	3
CO4649+	CO4648	25.68	41 1-	2ACSR	0	0	304	184	110	8	5	0.06	8.70	10
CO4629+	CO4649	25.75	0 1-	4ACSR	0	0	302	184	0	0	0	0.00	8.70	0
CO4615+	CO4649	25.87	41 1-	2ACSR	0	0	301	183	110	8	5	0.03	8.73	5
CO4661+	CO4615	25.92	5 1-	4ACSR	0	0	300	183	13	0	1	0.00	8.73	0
CO4660+	CO4661	25.99	5 1-	4ACSR	0	0	299	183	13	0	1	0.00	8.73	0
CO4631+	CO4660	26.06	1 1-	4ACSR	0	0	298	182	7	0	0	0.00	8.73	0
CO4657+	CO4660	26.13	3 1-	4ACSR	0	0	297	182	5	0	0	0.00	8.73	0
CO4658+	CO4657	26.37	3 1-	4ACSR	0	0	293	180	5	0	0	0.00	8.73	0
CO4656+	CO4658	26.54	3 1-	4ACSR	0	0	290	179	5	0	0	0.00	8.73	0
CO4659+	CO4656	26.62	1 1-	4ACSR	0	0	289	179	0	0	0	0.00	8.73	0
CO4650+	CO4615	26.06	36 1-	2ACSR	0	0	299	183	97	7	4	0.02	8.75	4
CO4652+	CO4650	26.09	36 1-	2ACSR	0	0	298	182	97	7	4	0.00	8.75	0
CO4651+	CO4652	26.17	34 1-	2ACSR	0	0	297	182	94	7	4	0.01	8.76	0
CO4633+	CO4651	26.23	1 1-	2ACSR	0	0	297	182	3	0	0	0.00	8.76	0
CO4630+	CO4651	26.23	1 1-	4ACSR	0	0	296	182	3	0	0	0.00	8.76	0
CO4654+	CO4651	26.24	32 1-	2ACSR	0	0	296	182	88	6	4	0.01	8.77	0
CO4653+	CO4654	26.32	30 1-	2ACSR	0	0	295	181	83	6	3	0.01	8.78	0
CO4655+	CO4653	26.45	29 1-	2ACSR	0	0	294	181	78	5	3	0.01	8.79	0
CO4678+	CO4655	26.48	25 1-	2ACSR	0	0	293	180	69	5	3	0.00	8.79	0
CO4636+	CO4678	26.54	0 1-	4ACSR	0	0	292	180	0	0	0	0.00	8.79	0
CO4677+	CO4678	26.51	22 1-	2ACSR	0	0	293	180	65	4	3	0.00	8.80	0
CO8297+	CO4677	26.58	22 1-	2ACSR	0	0	292	180	65	4	3	0.01	8.80	0
CO4448+	CO8297	26.81	21 1-	2ACSR	0	0	289	179	61	4	3	0.02	8.82	0
CO4454+	CO4448	27.04	20 1-	2ACSR	0	0	287	178	52	3	2	0.02	8.83	0
CO4453+	CO4454	27.17	20 1-	2ACSR	0	0	285	177	52	3	2	0.01	8.84	0
CO4457+	CO4453	27.28	20 1-	2ACSR	0	0	284	177	52	3	2	0.01	8.85	0
CO4456+	CO4457	27.43	19 1-	2ACSR	0	0	282	176	46	3	2	0.01	8.86	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4455+	CO4456	27.57	19 1-	2ACSR	0	0	280	175	46	3	2	0.01	8.87	0
CO4449+	CO4455	27.69	16 1-	2ACSR	0	0	279	175	40	3	2	0.01	8.87	0
CO4477+	CO4449	27.75	5 1-	4ACSR	0	0	278	174	6	0	0	0.00	8.87	0
CO4474+	CO4477	28.02	3 1-	4ACSR	0	0	274	173	2	0	0	0.00	8.87	0
CO4473+	CO4474	28.08	3 1-	4ACSR	0	0	273	173	2	0	0	0.00	8.87	0
CO4475+	CO4473	28.31	3 1-	4ACSR	0	0	270	171	2	0	0	0.00	8.87	0
CO4472+	CO4475	28.49	3 1-	4ACSR	0	0	268	170	2	0	0	0.00	8.88	0
CO4476+	CO4472	28.60	3 1-	4ACSR	0	0	266	169	2	0	0	0.00	8.88	0
CO4471+	CO4476	28.79	3 1-	4ACSR	0	0	264	168	2	0	0	0.00	8.88	0
CO735231490+	CO4471	28.84	2 1-	2ACSR	0	0	263	168	2	0	0	0.00	8.88	0
CO1582109401+	CO735231490	28.89	2 1-	2ACSR	0	0	263	168	2	0	0	0.00	8.88	0
CO1218311303+	CO1582109401	28.93	2 1-	2ACSR	0	0	262	168	2	0	0	0.00	8.88	0
CO774483729+	CO1218311303	29.01	2 1-	2ACSR	0	0	262	167	2	0	0	0.00	8.88	0
CO-598581871+	CO774483729	29.07	2 1-	2ACSR	0	0	261	167	2	0	0	0.00	8.88	0
CO-181173076+	CO-598581871	29.14	2 1-	2ACSR	0	0	260	167	2	0	0	0.00	8.88	0
CO-2145827289+	CO-181173076	29.22	2 1-	2ACSR	0	0	260	167	2	0	0	0.00	8.88	0
CO4467+	CO4449	27.78	2 1-	4ACSR	0	0	278	174	12	0	1	0.00	8.87	0
CO4468+	CO4467	27.84	1 1-	4ACSR	0	0	277	174	5	0	0	0.00	8.87	0
CO4470+	CO4468	27.98	1 1-	4ACSR	0	0	275	173	5	0	0	0.00	8.87	0
CO4469+	CO4470	28.10	0 1-	4ACSR	0	0	273	172	0	0	0	0.00	8.87	0
CO4462+	CO4449	27.77	9 1-	2ACSR	0	0	278	174	21	1	1	0.00	8.87	0
CO4461+	CO4462	28.02	9 1-	2ACSR	0	0	275	173	21	1	1	0.01	8.88	0
CO4463+	CO4461	28.09	7 1-	2ACSR	0	0	274	173	15	1	1	0.00	8.88	0
CO4464+	CO4463	28.16	7 1-	2ACSR	0	0	274	173	15	1	1	0.00	8.88	0
CO4460+	CO4464	28.21	7 1-	2ACSR	0	0	273	173	15	1	1	0.00	8.88	0
CO1941504160+	CO4460	28.24	1 1-	2ACSR	0	0	273	172	4	0	0	0.00	8.88	0
CO4459+	CO4460	28.39	5 1-	2ACSR	0	0	271	172	9	0	0	0.00	8.89	0
CO4465+	CO4459	28.46	3 1-	2ACSR	0	0	271	172	6	0	0	0.00	8.89	0
CO4466+	CO4465	28.51	3 1-	2ACSR	0	0	270	171	6	0	0	0.00	8.89	0
CO4458+	CO4466	28.63	1 1-	2ACSR	0	0	269	171	2	0	0	0.00	8.89	0
CO4452+	CO4455	27.76	1 1-	4ACSR	0	0	278	174	1	0	0	0.00	8.87	0
CO4451+	CO4448	26.89	1 1-	4ACSR	0	0	288	178	8	0	0	0.00	8.82	0
CO4450+	CO8297	26.67	1 1-	4ACSR	0	0	291	179	4	0	0	0.00	8.80	0
CO4673+	CO4655	26.57	4 1-	4ACSR	0	0	292	180	9	0	0	0.00	8.79	0
CO4674+	CO4673	26.66	1 1-	4ACSR	0	0	290	179	6	0	0	0.00	8.79	0
CO4676+	CO4673	26.64	3 1-	4ACSR	0	0	291	179	3	0	0	0.00	8.79	0
CO4675+	CO4676	26.69	1 1-	4ACSR	0	0	290	179	2	0	0	0.00	8.79	0
CO4628+	CO4614	25.19	0 1-	4ACSR	0	0	310	187	0	0	0	0.00	8.63	0
CO8278+	CO4614	25.33	3 1-	4ACSR	0	0	308	186	3	0	0	0.00	8.63	0
CO4100+	CO8278	25.50	1 1-	4ACSR	0	0	305	185	0	0	0	0.00	8.63	0
CO4102+	CO4100	25.62	1 1-	4ACSR	0	0	303	184	0	0	0	0.00	8.63	0
CO4101+	CO4102	25.66	1 1-	4ACSR	0	0	302	184	0	0	0	0.00	8.63	0
CO4095+	CO4100	25.57	0 1-	4ACSR	0	0	304	184	0	0	0	0.00	8.63	0
CO4672+	CO4647	25.12	2 1-	4ACSR	0	0	311	187	2	0	0	0.00	8.61	0
CO4671+	CO4672	25.23	1 1-	4ACSR	0	0	309	186	0	0	0	0.00	8.61	0
CO4670+	CO4612	24.88	0 1-	4ACSR	0	0	314	188	0	0	0	0.00	8.58	0
CO4620+	CO4606	24.78	1 1-	4ACSR	0	0	316	189	2	0	0	0.00	8.56	0
CO4094+	CO344960639	24.58	1 1-	4ACSR	0	0	318	190	0	0	0	0.00	8.48	0
CO-1685807115+	CO4091	24.31	1 1-	2ACSR	0	0	323	191	0	0	0	0.00	8.45	0
CO4092+	CO4090	24.03	2 1-	4ACSR	0	0	327	193	3	0	0	0.00	8.34	0
CO6942+	CO6867	23.73	2 1-	4ACSR	0	0	332	194	14	1	1	0.00	8.30	0
CO6943+	CO6942	23.79	1 1-	4ACSR	0	0	331	194	6	0	0	0.00	8.30	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6940+	CO6939	23.61	1 1-	4ACSR	0	0	334	195	2	0	0	0.00	8.26	0
CO6941+	CO6940	23.69	0 1-	4ACSR	0	0	332	195	0	0	0	0.00	8.26	0
CO6935+	CO6937	23.54	1 1-	2ACSR	0	0	335	196	9	0	0	0.00	8.24	0
CO6936+	CO6935	23.61	1 1-	2ACSR	0	0	334	195	9	0	0	0.00	8.24	0
CO6929+	CO6928	23.11	3 1-	4ACSR	0	0	342	198	9	0	0	0.00	8.11	0
CO6930+	CO6929	23.14	2 1-	4ACSR	0	0	341	198	9	0	0	0.00	8.11	0
CO6931+	CO6930	23.45	1 1-	4ACSR	0	0	335	195	5	0	0	0.00	8.11	0
CO6932+	CO6931	23.75	1 1-	4ACSR	0	0	329	193	5	0	0	0.00	8.12	0
CO8358+	CO6932	24.58	1 1-	4ACSR	0	0	313	187	5	0	0	0.01	8.12	0
CO7097+	CO8358	24.68	1 1-	4ACSR	0	0	312	186	5	0	0	0.00	8.12	0
CO7096+	CO7097	24.73	1 1-	4ACSR	0	0	311	186	5	0	0	0.00	8.12	0
CO7095+	CO7096	24.79	1 1-	4ACSR	0	0	310	186	5	0	0	0.00	8.12	0
CO7094+	CO7095	24.92	1 1-	4ACSR	0	0	307	185	5	0	0	0.00	8.13	0
CO7093+	CO7094	24.97	1 1-	4ACSR	0	0	306	184	5	0	0	0.00	8.13	0
CO7092+	CO7093	25.09	1 1-	4ACSR	0	0	304	184	5	0	0	0.00	8.13	0
CO7091+	CO7092	25.31	1 1-	4ACSR	0	0	301	182	5	0	0	0.00	8.13	0
CO7090+	CO7091	25.41	1 1-	4ACSR	0	0	299	182	5	0	0	0.00	8.13	0
CO7089+	CO7090	25.58	1 1-	4ACSR	0	0	296	180	5	0	0	0.00	8.13	0
CO7088+	CO7089	25.65	1 1-	4ACSR	0	0	295	180	5	0	0	0.00	8.13	0
CO6882+	CO6954	23.03	1 1-	2ACSR	0	0	344	199	5	0	0	0.00	8.06	0
CO6876+	CO6865	22.83	1 1-	4ACSR	0	0	347	200	0	0	0	0.00	8.00	0
CO6875+	CO6865	22.83	1 1-	4ACSR	0	0	347	200	8	0	0	0.00	8.00	0
CO6919+	CO6863	22.42	4 1-	4ACSR	0	0	354	202	11	0	1	0.00	7.84	0
CO6920+	CO6919	22.46	1 1-	4ACSR	0	0	353	202	8	0	0	0.00	7.84	0
CO6916+	CO6862	22.37	2 1-	4ACSR	0	0	355	202	15	1	1	0.00	7.81	0
CO6917+	CO6916	22.43	1 1-	4ACSR	0	0	353	202	9	0	0	0.00	7.81	0
CO6918+	CO6917	22.73	1 1-	4ACSR	0	0	346	199	9	0	0	0.00	7.81	0
CO6889+	CO6888	22.31	14 1-	4ACSR	0	0	355	202	34	2	2	0.01	7.78	0
CO6890+	CO6889	22.39	14 1-	4ACSR	0	0	354	202	34	2	2	0.00	7.78	0
CO6896+	CO6890	22.52	14 1-	4ACSR	0	0	351	201	34	2	2	0.01	7.79	0
CO6897+	CO6896	22.92	14 1-	4ACSR	0	0	342	198	34	2	2	0.02	7.81	0
CO6898+	CO6897	23.31	14 1-	4ACSR	0	0	334	195	34	2	2	0.02	7.84	0
CO6899+	CO6898	23.45	14 1-	4ACSR	0	0	331	194	34	2	2	0.01	7.85	0
CO6900+	CO6899	23.52	14 1-	4ACSR	0	0	330	193	34	2	2	0.00	7.85	0
CO6901+	CO6900	23.56	13 1-	4ACSR	0	0	329	193	33	2	2	0.00	7.85	0
CO6902+	CO6901	23.77	12 1-	4ACSR	0	0	325	191	32	2	2	0.01	7.86	0
CO6908+	CO6902	23.81	9 1-	4ACSR	0	0	324	191	25	1	1	0.00	7.86	0
CO6909+	CO6908	23.86	8 1-	4ACSR	0	0	323	191	20	1	1	0.00	7.87	0
CO6910+	CO6909	23.93	7 1-	4ACSR	0	0	322	190	16	1	1	0.00	7.87	0
CO6912+	CO6910	24.06	5 1-	4ACSR	0	0	319	189	7	0	0	0.00	7.87	0
CO6913+	CO6912	24.11	3 1-	4ACSR	0	0	318	189	4	0	0	0.00	7.87	0
CO6911+	CO6913	24.15	3 1-	4ACSR	0	0	318	188	4	0	0	0.00	7.87	0
CO6914+	CO6911	24.18	3 1-	4ACSR	0	0	317	188	4	0	0	0.00	7.87	0
CO6915+	CO6914	24.32	2 1-	4ACSR	0	0	314	187	1	0	0	0.00	7.87	0
CO6880+	CO6915	24.38	0 1-	4ACSR	0	0	313	187	0	0	0	0.00	7.87	0
CO6879+	CO6915	24.36	1 1-	4ACSR	0	0	314	187	1	0	0	0.00	7.87	0
CO6903+	CO6902	23.83	1 1-	4ACSR	0	0	324	191	1	0	0	0.00	7.86	0
CO6904+	CO6903	23.85	1 1-	4ACSR	0	0	323	191	1	0	0	0.00	7.86	0
CO6905+	CO6904	23.90	1 1-	4ACSR	0	0	322	190	1	0	0	0.00	7.86	0
CO6906+	CO6905	23.98	1 1-	4ACSR	0	0	321	190	1	0	0	0.00	7.86	0
CO6907+	CO6906	24.06	1 1-	4ACSR	0	0	319	189	1	0	0	0.00	7.86	0
CO6891+	CO6890	22.52	0 1-	4ACSR	0	0	351	201	0	0	0	0.00	7.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6892+	CO6891	22.61	0 1-	4ACSR	0	0	349	200	0	0	0	0.00	7.78	0
CO6870+	CO6892	22.78	0 1-	4ACSR	0	0	345	199	0	0	0	0.00	7.78	0
CO6893+	CO6892	22.69	0 1-	4ACSR	0	0	347	199	0	0	0	0.00	7.78	0
CO6894+	CO6893	22.76	0 1-	4ACSR	0	0	346	199	0	0	0	0.00	7.78	0
CO6895+	CO6894	22.82	0 1-	4ACSR	0	0	344	198	0	0	0	0.00	7.78	0
CO6868+	CO8356	21.21	1 1-	4ACSR	0	0	377	209	7	0	0	0.00	7.29	0
CO6878+	CO8356	21.20	3 1-	4ACSR	0	0	377	210	9	0	0	0.00	7.29	0
CO6968+	CO7077	20.66	0 1-	4ACSR	0	0	389	213	0	0	0	0.00	6.99	0
CO7025+	CO7028	20.61	1 1-	4ACSR	0	0	389	213	3	0	0	0.00	6.90	0
CO7026+	CO7025	20.69	1 1-	4ACSR	0	0	387	212	3	0	0	0.00	6.90	0
CO7029+	CO7031	20.17	3 1-	4ACSR	0	0	399	216	7	0	0	0.00	6.70	0
CO7030+	CO7029	20.28	1 1-	4ACSR	0	0	396	215	4	0	0	0.00	6.70	0
CO7039+	CO7076	19.71	3 1-	4ACSR	0	0	410	219	15	1	1	0.00	6.47	0
CO7040+	CO7039	19.73	2 1-	4ACSR	0	0	409	219	11	0	1	0.00	6.47	0
CO7038+	CO7040	19.75	2 1-	4ACSR	0	0	409	219	11	0	1	0.00	6.47	0
CO7037+	CO7038	19.78	2 1-	4ACSR	0	0	408	219	11	0	1	0.00	6.47	0
CO7036+	CO7037	19.82	2 1-	4ACSR	0	0	407	218	11	0	1	0.00	6.47	0
CO7035+	CO7036	19.90	1 1-	4ACSR	0	0	405	218	0	0	0	0.00	6.47	0
CO7034+	CO7036	19.89	1 1-	2ACSR	0	0	405	218	11	0	0	0.00	6.47	0
CO7041+	CO7047	19.62	2 1-	4ACSR	0	0	412	220	5	0	0	0.00	6.40	0
CO7042+	CO7041	19.81	0 1-	4ACSR	0	0	406	218	0	0	0	0.00	6.40	0
CO7043+	CO7047	19.60	5 1-	4ACSR	0	0	413	220	14	0	1	0.00	6.40	0
CO7044+	CO7043	19.63	5 1-	4ACSR	0	0	412	220	14	0	1	0.00	6.40	0
CO7045+	CO7044	19.69	2 1-	4ACSR	0	0	410	219	3	0	0	0.00	6.40	0
CO6990+	CO6990	18.58	0 3-	1/0PRIURD	584	550	439	340	0	0	0	0.00	5.78	0
290544018+	CO17295	18.48	1 3-	Consumer	586	552	441	228	152	3	0	0.00	5.78	0
CO6988+	CO6985	18.38	3 1-	4ACSR	0	0	444	229	14	0	1	0.00	5.76	0
CO7068+	CO6988	18.45	3 1-	4ACSR	0	0	441	228	14	0	1	0.00	5.76	0
CO7070+	CO7068	18.48	1 1-	4ACSR	0	0	440	228	5	0	0	0.00	5.76	0
CO7069+	CO7068	18.55	2 1-	4ACSR	0	0	438	227	9	0	0	0.00	5.76	0
CO7066+	CO7069	18.62	1 1-	4ACSR	0	0	435	227	6	0	0	0.00	5.76	0
CO7067+	CO7066	18.66	0 1-	4ACSR	0	0	434	226	0	0	0	0.00	5.76	0
CO6986+	CO6985	18.42	5 1-	4ACSR	0	0	442	229	7	0	0	0.00	5.76	0
CO6971+	CO6986	18.46	1 1-	4ACSR	0	0	441	228	1	0	0	0.00	5.76	0
CO6987+	CO6986	18.54	0 1-	4ACSR	0	0	438	227	0	0	0	0.00	5.76	0
CO17373+	CO17485	15.44	19 1-	4ACSR	0	0	521	246	51	3	3	0.01	5.17	0
CO17519+	CO17373	15.45	19 1-	4ACSR	0	0	521	246	51	3	3	0.00	5.17	0
OC535+	CO17519	15.45	19 1-	35 H OCR	0	0	521	246	51	3	11	0.00	5.17	0
XFMR50	OC535	15.45	19 1-	333 KVA 1PH AUT	0	0	616	161	51	3	16	0.22	5.39	0
CO17520	XFMR50	15.78	19 1-	4ACSR	0	0	581	158	51	7	5	0.12	5.51	10
CO23835	CO17520	15.96	17 1-	4ACSR	0	0	563	156	49	7	5	0.06	5.57	5
CO17746	CO23835	16.03	17 1-	4ACSR	0	0	556	155	49	7	5	0.02	5.59	0
CO17745	CO17746	16.09	17 1-	4ACSR	0	0	550	155	49	7	5	0.02	5.61	0
CO17594	CO17745	16.37	15 1-	4ACSR	0	0	524	152	49	7	5	0.10	5.71	8
CO30538	CO17594	16.77	6 1-	4ACSR	0	0	491	149	27	4	3	0.06	5.77	2
CO17659	CO30538	16.84	5 1-	4ACSR	0	0	485	148	17	2	2	0.01	5.78	0
CO17739	CO17659	16.94	3 1-	4ACSR	0	0	477	147	12	1	1	0.01	5.78	0
CO17741	CO17739	17.14	2 1-	4ACSR	0	0	462	146	8	1	1	0.01	5.79	0
CO17742	CO17741	17.25	1 1-	4ACSR	0	0	454	145	0	0	0	0.00	5.79	0
CO17747	CO17742	17.33	1 1-	4ACSR	0	0	448	144	0	0	0	0.00	5.79	0
CO17748	CO17747	17.51	1 1-	4ACSR	0	0	436	143	0	0	0	0.00	5.79	0
CO17660	CO17659	16.93	2 1-	4ACSR	0	0	477	147	6	0	1	0.00	5.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17661	CO17660	17.02	1 1-	4ACSR	0	0	471	147	1	0	0	0.00	5.78	0
CO17735	CO17594	16.49	1 1-	4ACSR	0	0	514	151	1	0	0	0.00	5.71	0
CO17736	CO17735	16.50	1 1-	4ACSR	0	0	513	151	1	0	0	0.00	5.71	0
CO17734	CO17736	16.59	0 1-	4ACSR	0	0	505	150	0	0	0	0.00	5.71	0
CO17595	CO17594	16.49	7 1-	4ACSR	0	0	514	151	10	1	1	0.01	5.72	0
CO17626	CO17595	16.58	1 1-	4ACSR	0	0	506	150	1	0	0	0.00	5.72	0
CO17596	CO17595	16.87	5 1-	4ACSR	0	0	482	148	7	1	1	0.02	5.73	0
CO30649	CO17596	17.04	1 1-	4ACSR	0	0	470	147	5	0	1	0.00	5.74	0
CO30651	CO30649	17.04	0 1-	4ACSR	0	0	469	146	0	0	0	0.00	5.74	0
SW528-A	CO30651	17.04	0 1-	Open	0	0	469	146	0	0	0	0.00	5.74	0
CO17657	CO17596	17.01	2 1-	4ACSR	0	0	471	147	1	0	0	0.00	5.74	0
CO17658	CO17657	17.16	1 1-	4ACSR	0	0	461	146	0	0	0	0.00	5.74	0
CO17655	CO17596	16.98	2 1-	4ACSR	0	0	474	147	1	0	0	0.00	5.73	0
CO17656	CO17655	17.02	0 1-	4ACSR	0	0	471	147	0	0	0	0.00	5.73	0
CO17625	CO17594	16.43	1 1-	4ACSR	0	0	519	152	10	1	1	0.00	5.71	0
CO17624	CO17745	16.23	1 1-	4ACSR	0	0	537	154	0	0	0	0.00	5.61	0
CO17486	CO17520	15.86	2 1-	4ACSR	0	0	573	157	2	0	0	0.00	5.51	0
CO17487	CO17486	16.05	1 1-	4ACSR	0	0	554	155	2	0	0	0.00	5.51	0
CO17394+	CO17372	15.33	3 1-	4ACSR	0	0	525	247	8	0	0	0.00	5.14	0
CO-657761637+	CO17394	15.51	2 1-	4ACSR	0	0	517	245	8	0	0	0.00	5.15	0
CO17393+	CO17371	15.10	2 1-	4ACSR	0	0	532	248	5	0	0	0.00	5.08	0
CO17513+	CO17502	14.77	16 1-	4ACSR	0	0	545	251	64	4	3	0.00	5.03	0
OC532+	CO17513	14.77	16 1-	10 N FUSE	0	0	545	251	64	4	47	0.00	5.03	0
CO17514+	OC532	14.86	16 1-	4ACSR	0	0	541	250	64	4	3	0.01	5.03	0
CO17368+	CO17514	14.97	8 1-	4ACSR	0	0	535	249	41	2	2	0.01	5.04	0
CO17457+	CO17368	15.01	3 1-	4ACSR	0	0	533	248	22	1	1	0.00	5.04	0
CO17497+	CO17457	15.05	3 1-	4ACSR	0	0	531	248	22	1	1	0.00	5.04	0
CO17498+	CO17497	15.07	2 1-	4ACSR	0	0	530	247	12	0	1	0.00	5.04	0
CO17369+	CO17368	15.56	1 1-	4ACSR	0	0	507	242	8	0	0	0.00	5.05	0
CO17391+	CO17368	15.05	3 1-	4ACSR	0	0	531	248	8	0	0	0.00	5.04	0
CO17454+	CO17514	14.89	7 1-	4ACSR	0	0	539	250	15	1	1	0.00	5.03	0
CO17455+	CO17454	15.03	4 1-	4ACSR	0	0	532	248	9	0	0	0.00	5.04	0
CO17456+	CO17455	15.10	0 1-	4ACSR	0	0	529	247	0	0	0	0.00	5.04	0
CO17492+	CO17483	14.65	5 1-	4ACSR	0	0	548	252	19	1	1	0.00	4.97	0
CO17493+	CO17492	14.75	3 1-	4ACSR	0	0	543	250	16	1	1	0.00	4.98	0
CO17450+	CO17405	14.04	2 1-	4ACSR	0	0	570	256	10	0	1	0.00	4.81	0
CO17451+	CO17450	14.09	1 1-	4ACSR	0	0	567	255	5	0	0	0.00	4.81	0
CO17386+	CO17420	13.88	2 1-	4ACSR	0	0	575	257	11	0	1	0.00	4.76	0
CO-924829201+	CO17386	13.94	1 1-	2ACSR	0	0	572	256	6	0	0	0.00	4.76	0
CO17628+	CO17588	13.62	1 1-	2ACSR	0	0	587	259	8	0	0	0.00	4.68	0
CO17753+	CO17588	13.51	59 1-	4ACSR	0	0	592	260	185	13	10	0.00	4.68	0
OC527+	CO17753	13.51	59 1-	10 N FUSE	0	0	592	260	185	13	136	0.00	4.68	0
CO23830+	OC527	13.64	59 1-	4ACSR	0	0	584	258	185	13	10	0.04	4.72	13
CO17428+	CO23830	13.92	59 1-	4ACSR	0	0	568	254	185	13	10	0.09	4.82	28
CO17524+	CO17428	13.93	59 1-	4ACSR	0	0	568	254	185	13	10	0.00	4.82	0
OC-973535964+	CO17524	13.93	59 1-	35 E OCR	0	0	568	254	185	13	39	0.00	4.82	0
CO17525+	OC-973535964	14.00	9 1-	4ACSR	0	0	564	253	20	1	1	0.00	4.82	0
CO17424+	CO17525	14.09	7 1-	4ACSR	0	0	559	252	10	0	0	0.00	4.82	0
CO17423+	CO17424	14.19	6 1-	4ACSR	0	0	554	251	10	0	0	0.00	4.82	0
CO17422+	CO17423	14.25	5 1-	4ACSR	0	0	550	250	8	0	0	0.00	4.82	0
CO17421+	CO17422	14.32	4 1-	4ACSR	0	0	547	249	7	0	0	0.00	4.82	0
CO17378+	CO17421	14.45	2 1-	4ACSR	0	0	540	248	7	0	0	0.00	4.82	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17444+	CO17421	14.39	1 1-	4ACSR	0	0	544	249	0	0	0	0.00	4.82	0
CO17445+	CO17444	14.46	1 1-	4ACSR	0	0	540	248	0	0	0	0.00	4.82	0
CO17446+	CO17445	14.48	1 1-	4ACSR	0	0	539	247	0	0	0	0.00	4.82	0
XFMR49	OC-973535964	13.93	50 1-	333 KVA 1PH AUT	0	0	647	162	165	12	52	0.71	5.53	0
CO17523	XFMR49	14.00	50 1-	4ACSR	0	0	638	162	165	24	17	0.09	5.62	24
CO17367	CO17523	14.11	48 1-	4ACSR	0	0	625	161	161	23	17	0.12	5.74	32
CO17388	CO17367	14.15	1 1-	4ACSR	0	0	621	160	9	1	1	0.00	5.74	0
CO17366	CO17367	14.23	47 1-	4ACSR	0	0	612	159	152	22	16	0.12	5.86	31
CO17380	CO17366	14.28	1 1-	4ACSR	0	0	606	159	5	0	1	0.00	5.86	0
CO17362	CO17366	14.59	43 1-	4ACSR	0	0	573	156	140	20	15	0.35	6.21	82
CO17365	CO17362	14.71	42 1-	4ACSR	0	0	561	155	134	19	14	0.11	6.32	24
CO17471	CO17365	14.76	2 1-	4ACSR	0	0	555	154	0	0	0	0.00	6.32	0
CO17472	CO17471	14.92	2 1-	4ACSR	0	0	540	153	0	0	0	0.00	6.32	0
CO17387	CO17472	14.94	1 1-	4ACSR	0	0	538	153	0	0	0	0.00	6.32	0
CO17415	CO17472	14.96	1 1-	4ACSR	0	0	536	153	0	0	0	0.00	6.32	0
CO17431	CO17365	14.97	40 1-	4ACSR	0	0	535	153	134	19	14	0.24	6.56	53
CO17432	CO17431	15.10	38 1-	4ACSR	0	0	524	151	128	18	14	0.11	6.67	24
CO17363	CO17432	15.21	33 1-	4ACSR	0	0	513	150	113	16	12	0.09	6.75	16
CO17429	CO17363	15.32	32 1-	4ACSR	0	0	504	149	103	15	11	0.07	6.83	13
CO17476	CO17429	15.39	32 1-	4ACSR	0	0	498	149	103	15	11	0.05	6.88	8
CO17477	CO17476	15.41	29 1-	4ACSR	0	0	496	149	98	14	10	0.02	6.89	3
CO17364	CO17477	15.51	6 1-	4ACSR	0	0	489	148	21	3	2	0.01	6.91	0
CO17384	CO17364	15.54	1 1-	4ACSR	0	0	486	148	7	1	1	0.00	6.91	0
CO17402	CO17364	15.57	1 1-	2ACSR	0	0	484	147	1	0	0	0.00	6.91	0
CO17426	CO17364	15.69	4 1-	4ACSR	0	0	474	146	13	1	1	0.01	6.92	0
CO17427	CO17426	15.75	3 1-	4ACSR	0	0	469	146	8	1	1	0.00	6.92	0
CO17425	CO17427	16.01	2 1-	4ACSR	0	0	450	144	4	0	0	0.01	6.93	0
CO17401	CO17425	16.05	1 1-	2ACSR	0	0	448	144	3	0	0	0.00	6.93	0
CO17412	CO17425	16.31	0 1-	4ACSR	0	0	430	141	0	0	0	0.00	6.93	0
CO17517	CO17477	15.42	23 1-	4ACSR	0	0	496	149	77	11	8	0.00	6.90	0
OC533	CO17517	15.42	23 1-	25 H OCR	0	0	496	149	77	11	46	0.00	6.90	0
CO17518	OC533	15.66	23 1-	4ACSR	0	0	477	147	77	11	8	0.12	7.02	16
CO17473	CO17518	15.78	22 1-	4ACSR	0	0	467	146	71	10	8	0.06	7.08	7
CO17474	CO17473	15.84	20 1-	4ACSR	0	0	463	145	63	9	7	0.02	7.10	2
CO17475	CO17474	15.91	19 1-	4ACSR	0	0	458	145	52	7	5	0.03	7.13	2
CO17430	CO17475	16.02	17 1-	4ACSR	0	0	449	144	43	6	5	0.03	7.16	2
CO30638	CO17430	16.21	16 1-	4ACSR	0	0	437	142	40	5	4	0.05	7.21	3
CO7054	CO30638	16.29	15 1-	4ACSR	0	0	431	142	40	5	4	0.02	7.23	0
CO7055	CO7054	16.40	14 1-	4ACSR	0	0	424	141	39	5	4	0.03	7.27	0
CO6961	CO7055	16.59	13 1-	4ACSR	0	0	412	139	32	4	3	0.04	7.31	2
CO7056	CO6961	16.61	12 1-	4ACSR	0	0	411	139	24	3	3	0.00	7.31	0
CO7057	CO7056	16.72	12 1-	4ACSR	0	0	404	138	24	3	3	0.02	7.33	0
CO7058	CO7057	16.83	10 1-	4ACSR	0	0	398	137	21	3	2	0.01	7.34	0
CO7059	CO7058	16.96	9 1-	4ACSR	0	0	390	136	18	2	2	0.02	7.36	0
CO7071	CO7059	17.37	9 1-	4ACSR	0	0	369	134	18	2	2	0.05	7.41	0
CO6974	CO7071	17.44	1 1-	2ACSR	0	0	367	133	0	0	0	0.00	7.41	0
CO7072	CO7071	17.57	8 1-	4ACSR	0	0	360	132	18	2	2	0.02	7.43	0
CO7060	CO7072	17.79	6 1-	4ACSR	0	0	349	131	11	1	1	0.01	7.45	0
CO7061	CO7060	17.82	5 1-	4ACSR	0	0	348	131	6	0	1	0.00	7.45	0
CO6967	CO7061	17.89	1 1-	4ACSR	0	0	345	130	4	0	0	0.00	7.45	0
CO7062	CO7061	17.88	4 1-	4ACSR	0	0	345	130	2	0	0	0.00	7.45	0
CO7063	CO7062	18.12	3 1-	4ACSR	0	0	335	129	2	0	0	0.00	7.45	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7064	CO7063	18.14	2 1-	4ACSR	0	0	334	128	1	0	0	0.00	7.45	0
CO7065	CO7064	18.44	2 1-	4ACSR	0	0	322	127	1	0	0	0.00	7.45	0
CO8361	CO7065	18.90	2 1-	4ACSR	0	0	305	124	1	0	0	0.00	7.45	0
CO7214	CO8361	19.09	2 1-	4ACSR	0	0	298	123	1	0	0	0.00	7.46	0
CO7213	CO7214	19.36	2 1-	4ACSR	0	0	290	121	1	0	0	0.00	7.46	0
CO7212	CO7213	19.51	2 1-	4ACSR	0	0	285	120	1	0	0	0.00	7.46	0
CO7211	CO7212	19.77	2 1-	4ACSR	0	0	277	119	1	0	0	0.00	7.46	0
CO7210	CO7211	19.81	2 1-	4ACSR	0	0	276	119	1	0	0	0.00	7.46	0
CO7209	CO7210	19.85	2 1-	4ACSR	0	0	275	118	1	0	0	0.00	7.46	0
CO7208	CO7209	19.97	2 1-	4ACSR	0	0	271	118	1	0	0	0.00	7.46	0
CO7207	CO7208	20.04	2 1-	4ACSR	0	0	269	117	1	0	0	0.00	7.46	0
CO7206	CO7207	20.11	2 1-	4ACSR	0	0	267	117	1	0	0	0.00	7.46	0
CO7205	CO7206	20.26	2 1-	4ACSR	0	0	263	116	1	0	0	0.00	7.46	0
CO7204	CO7205	20.32	2 1-	4ACSR	0	0	262	116	1	0	0	0.00	7.46	0
CO7203	CO7204	20.40	1 1-	4ACSR	0	0	260	115	0	0	0	0.00	7.46	0
CO7202	CO7203	20.43	1 1-	4ACSR	0	0	259	115	0	0	0	0.00	7.46	0
CO6966	CO7072	17.64	1 1-	4ACSR	0	0	356	132	3	0	0	0.00	7.43	0
CO6965	CO6961	16.63	1 1-	4ACSR	0	0	410	139	7	1	1	0.00	7.31	0
CO6964	CO7055	16.43	1 1-	4ACSR	0	0	422	140	8	1	1	0.00	7.27	0
CO17447	CO17475	16.00	2 1-	4ACSR	0	0	451	144	9	1	1	0.00	7.13	0
CO17448	CO17447	16.17	1 1-	4ACSR	0	0	439	142	0	0	0	0.00	7.13	0
CO17449	CO17448	16.20	1 1-	4ACSR	0	0	437	142	0	0	0	0.00	7.13	0
CO17385	CO17363	15.40	0 1-	4ACSR	0	0	497	149	0	0	0	0.00	6.75	0
CO17383	CO17432	15.15	2 1-	4ACSR	0	0	519	151	5	0	1	0.00	6.67	0
CO17382	CO17432	15.15	1 1-	4ACSR	0	0	519	151	6	0	1	0.00	6.67	0
CO17381	CO17362	14.64	1 1-	4ACSR	0	0	568	156	5	0	1	0.00	6.21	0
CO17379	CO17523	14.12	1 1-	4ACSR	0	0	625	161	4	0	0	0.00	5.62	0
CO17614+	CO17699	13.45	0 1-	4ACSR	0	0	592	260	0	0	0	0.00	4.62	0
CO30676+	CO17705	13.14	0 3-	1/0ACSR	790	741	607	262	0	0	0	0.00	4.52	0
CO17717+	CO17720	12.68	6 1-	1/0ACSR	0	0	628	266	20	1	1	0.00	4.39	0
CO17718+	CO17717	12.75	5 1-	1/0ACSR	0	0	624	265	14	1	0	0.00	4.39	0
CO17714+	CO17718	12.81	2 1-	1/0ACSR	0	0	622	265	11	0	0	0.00	4.39	0
CO17715+	CO17714	12.87	1 1-	1/0ACSR	0	0	619	264	8	0	0	0.00	4.39	0
CO17716+	CO17718	12.78	3 1-	1/0ACSR	0	0	623	265	3	0	0	0.00	4.39	0
CO739464024+	CO17716	12.83	1 1-	2ACSR	0	0	620	265	0	0	0	0.00	4.39	0
CO17728+	CO17731	12.19	3 1-	4ACSR	0	0	647	268	11	0	1	0.00	4.22	0
CO17729+	CO17728	12.25	2 1-	4ACSR	0	0	643	268	10	0	0	0.00	4.22	0
CO17607+	CO17585	11.89	1 1-	4ACSR	0	0	665	272	3	0	0	0.00	4.16	0
CO17601+	CO17582	11.80	1 1-	4ACSR	0	0	667	272	6	0	0	0.00	4.11	0
CO17687+	CO17582	11.87	9 1-	4ACSR	0	0	662	271	23	1	1	0.01	4.11	0
CO-1519833008+	CO17687	11.93	1 1-	2ACSR	0	0	658	270	9	0	0	0.00	4.11	0
CO17688+	CO17687	11.97	7 1-	4ACSR	0	0	655	269	14	1	1	0.00	4.12	0
CO17604+	CO17688	12.05	1 1-	4ACSR	0	0	649	268	8	0	0	0.00	4.12	0
CO17583+	CO17688	12.06	5 1-	4ACSR	0	0	648	268	5	0	0	0.00	4.12	0
CO17691+	CO17583	12.12	3 1-	4ACSR	0	0	644	267	5	0	0	0.00	4.12	0
CO17692+	CO17691	12.19	2 1-	4ACSR	0	0	640	266	3	0	0	0.00	4.12	0
CO17695+	CO17692	12.40	2 1-	4ACSR	0	0	625	263	3	0	0	0.00	4.12	0
CO17696+	CO17695	12.46	2 1-	4ACSR	0	0	621	262	3	0	0	0.00	4.12	0
CO17603+	CO17696	12.58	1 1-	4ACSR	0	0	614	261	3	0	0	0.00	4.12	0
CO17602+	CO17696	12.54	0 1-	4ACSR	0	0	616	261	0	0	0	0.00	4.12	0
CO17693+	CO17692	12.37	0 1-	4ACSR	0	0	627	263	0	0	0	0.00	4.12	0
CO17694+	CO17693	12.48	0 1-	4ACSR	0	0	620	262	0	0	0	0.00	4.12	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17689+	CO17583	12.31	2 1-	4ACSR	0	0	631	264	0	0	0	0.00	4.12	0
CO629591687+	CO17689	12.38	1 1-	2ACSR	0	0	627	264	0	0	0	0.00	4.12	0
CO1450001574+	CO629591687	12.55	1 1-	2ACSR	0	0	619	262	0	0	0	0.00	4.12	0
CO705913237+	CO1450001574	12.62	1 1-	2ACSR	0	0	615	261	0	0	0	0.00	4.12	0
CO1345986599+	CO705913237	12.67	1 1-	2ACSR	0	0	612	261	0	0	0	0.00	4.12	0
CO317080317+	CO17689	12.35	0 1-	2ACSR	0	0	629	264	0	0	0	0.00	4.12	0
CO17685+	CO17678	11.66	5 1-	4ACSR	0	0	675	273	18	1	1	0.00	4.07	0
CO17686+	CO17685	11.70	5 1-	4ACSR	0	0	672	272	18	1	1	0.00	4.07	0
CO17599+	CO17686	11.80	1 1-	4ACSR	0	0	665	271	3	0	0	0.00	4.07	0
CO17683+	CO17686	11.77	4 1-	4ACSR	0	0	667	271	16	1	1	0.00	4.07	0
CO17684+	CO17683	11.80	1 1-	4ACSR	0	0	665	271	3	0	0	0.00	4.07	0
CO17681+	CO17683	11.79	3 1-	4ACSR	0	0	666	271	13	0	1	0.00	4.07	0
CO17682+	CO17681	11.82	3 1-	4ACSR	0	0	663	270	13	0	1	0.00	4.08	0
CO17680+	CO17682	11.86	3 1-	4ACSR	0	0	660	270	13	0	1	0.00	4.08	0
CO17679+	CO17680	11.93	1 1-	4ACSR	0	0	655	269	8	0	0	0.00	4.08	0
CO17597+	CO17581	11.18	1 1-	4ACSR	0	0	701	277	2	0	0	0.00	3.91	0
CO17675+	CO17676	11.12	1 1-	4ACSR	0	0	705	277	8	0	0	0.00	3.90	0
CO17983+	CO17966	10.81	1 1-	4ACSR	0	0	722	279	8	0	0	0.00	3.77	0
CO17967+	CO17966	10.69	0 3-	1/0ACSR	935	875	732	281	0	-7	3	0.00	3.77	0
CA65+	CO17967	10.69	0 3-	Capacitor	935	875	732	281	0	-7	0	0.00	3.77	0
CO17982+	CO23787	10.01	1 1-	1/0ACSR	0	0	776	287	1	0	0	0.00	3.54	0
CO19953+	OC602	9.84	0 3-	1/0ACSR	998	934	788	288	0	0	0	0.00	3.50	0
RG34+	CO19953	9.84	0 3-	100.0000000000	998	934	788	288	0	0	0	-3.50	0.00	0
CO19869+	CO23786	9.34	1 1-	4ACSR	0	0	816	291	6	0	0	0.00	3.25	0
CO17995+	CO18027	9.11	2 1-	4ACSR	0	0	836	294	9	0	0	0.00	3.18	0
CO17996+	CO17995	9.12	2 1-	4ACSR	0	0	834	293	9	0	0	0.00	3.18	0
CO17960+	CO17959	7.88	185 3-	1/0ACSR	1156	1081	937	305	534	12	6	0.01	2.68	5
CO18035+	CO17960	7.88	185 3-	1/0ACSR	1155	1081	936	305	534	12	6	0.00	2.68	0
OC546+	CO18035	7.88	185 3-	70 L OCR	1155	1081	936	305	534	12	18	0.00	2.68	0
XFMR48	OC546	7.88	185 3-	333 KVA 1PH AUT	884	861	812	171	534	12	56	0.78	3.45	0
CO18036	XFMR48	8.01	185 3-	1/0ACSR	871	847	796	170	534	25	11	0.06	3.51	47
CO17961	CO18036	8.14	182 3-	1/0ACSR	858	832	779	169	519	25	11	0.06	3.57	48
CO17962	CO17961	8.48	182 3-	1/0ACSR	825	797	739	168	518	25	11	0.16	3.73	123
CO18038	CO17962	8.66	182 3-	1/0ACSR	809	779	719	167	518	25	11	0.08	3.82	63
CO17973	CO18038	8.76	2 1-	4ACSR	0	0	705	166	1	0	0	0.00	3.82	0
CO17954	CO18038	8.91	180 3-	1/0ACSR	786	754	692	165	517	25	11	0.12	3.94	93
CO18008	CO17954	9.07	179 3-	1/0ACSR	772	740	677	165	508	24	11	0.07	4.01	54
CO17987	CO18008	9.11	1 1-	4ACSR	0	0	672	164	4	0	0	0.00	4.01	0
CO18009	CO18008	9.12	178 3-	1/0ACSR	768	735	672	164	504	24	11	0.02	4.03	18
CO30547	CO18009	9.18	0 1-	4ACSR	0	0	665	164	0	0	0	0.00	4.03	0
CO17955	CO18009	9.22	177 3-	1/0ACSR	760	727	663	164	504	24	11	0.04	4.08	32
CO17956	CO17955	9.36	177 3-	1/0ACSR	748	714	650	163	504	24	11	0.07	4.14	49
CO23828	CO17956	9.86	177 3-	1/0ACSR	710	673	607	161	503	24	11	0.23	4.37	171
CO17754	CO23828	9.94	173 3-	1/0ACSR	704	667	601	160	494	24	10	0.03	4.41	25
CO17833	CO17754	10.16	1 1-	4ACSR	0	0	577	158	1	0	0	0.00	4.41	0
CO17823	CO17754	10.01	172 3-	1/0ACSR	699	662	595	160	493	23	10	0.03	4.44	22
CO17824	CO17823	10.08	171 3-	1/0ACSR	694	656	590	160	492	23	10	0.03	4.47	25
CO17822	CO17824	10.17	170 3-	1/0ACSR	687	650	583	159	491	23	10	0.04	4.51	28
CO17821	CO17822	10.30	170 3-	1/0ACSR	678	640	573	158	491	23	10	0.06	4.57	44
CO17820	CO17821	10.42	168 3-	1/0ACSR	670	632	565	158	487	23	10	0.05	4.62	38
CO17755	CO17820	10.46	97 3-	4ACSR	666	628	561	158	288	14	10	0.02	4.64	11
CO17790	CO17755	10.52	1 3-	4ACSR	660	621	555	157	3	0	0	0.00	4.64	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17791	CO17790	10.55	0 3-	4ACSR	658	619	553	157	0	0	0	0.00	4.64	0
CO17756	CO17755	10.53	96 1-	4ACSR	0	0	555	157	285	41	30	0.13	4.77	62
CO17829	CO17756	10.53	95 1-	4ACSR	0	0	554	157	282	41	30	0.01	4.79	6
OC539	CO17829	10.53	95 1-	50 H OCR	0	0	554	157	282	41	83	0.00	4.79	0
CO17830	OC539	10.72	95 1-	4ACSR	0	0	537	155	282	41	30	0.36	5.14	168
CO17764	CO17830	10.79	1 1-	4ACSR	0	0	531	154	6	0	1	0.00	5.15	0
CO17792	CO17830	10.78	94 1-	4ACSR	0	0	532	155	276	40	29	0.11	5.26	52
CO17793	CO17792	10.85	92 1-	4ACSR	0	0	526	154	273	40	29	0.13	5.39	59
CO17794	CO17793	11.33	92 1-	4ACSR	0	0	486	150	273	40	29	0.92	6.31	421
CO17765	CO17794	11.42	1 1-	4ACSR	0	0	480	149	5	0	1	0.00	6.31	0
CO17795	CO17794	11.52	91 1-	4ACSR	0	0	472	148	266	39	28	0.35	6.66	155
CO17796	CO17795	11.80	91 1-	4ACSR	0	0	452	146	265	39	28	0.51	7.17	230
CO17757	CO17796	11.91	77 1-	4ACSR	0	0	444	145	238	35	25	0.19	7.36	76
CO17758	CO17757	12.11	75 1-	4ACSR	0	0	431	143	222	33	24	0.30	7.66	112
CO17797	CO17758	12.13	72 1-	4ACSR	0	0	430	143	208	31	22	0.03	7.69	10
CO17798	CO17797	12.24	71 1-	4ACSR	0	0	423	142	205	30	22	0.16	7.86	57
CO17799	CO17798	12.34	71 1-	4ACSR	0	0	417	141	205	30	22	0.14	7.99	48
CO17759	CO17799	12.55	69 1-	4ACSR	0	0	404	140	202	30	22	0.31	8.30	106
CO17760	CO17759	12.75	68 1-	4ACSR	0	0	394	138	202	30	22	0.28	8.58	95
CO30636	CO17760	13.27	66 1-	4ACSR	0	0	366	134	199	30	21	0.75	9.33	255
CO7182	CO30636	13.36	66 1-	4ACSR	0	0	362	134	198	30	21	0.12	9.45	41
CO7181	CO7182	13.47	66 1-	4ACSR	0	0	357	133	198	30	21	0.16	9.61	54
CO7180	CO7181	13.56	66 1-	4ACSR	0	0	353	132	198	30	21	0.13	9.73	43
CO7179	CO7180	13.58	66 1-	4ACSR	0	0	352	132	197	30	21	0.03	9.76	9
CO7176	CO7179	13.72	0 1-	4ACSR	0	0	346	131	0	0	0	0.00	9.76	0
CO7175	CO7179	13.76	66 1-	4ACSR	0	0	344	131	197	30	21	0.25	10.01	87
CO7178	CO7175	13.89	65 1-	4ACSR	0	0	338	130	194	29	21	0.18	10.20	62
CO8365	CO7178	14.11	64 1-	4ACSR	0	0	329	129	191	29	21	0.30	10.50	101
CO7232	CO8365	14.20	1 1-	4ACSR	0	0	326	128	3	0	0	0.00	10.50	0
CO7217	CO8365	14.19	63 1-	4ACSR	0	0	326	128	187	28	21	0.10	10.60	33
CO7233	CO7217	14.26	1 1-	4ACSR	0	0	324	128	1	0	0	0.00	10.61	0
CO7218	CO7217	14.31	62 1-	4ACSR	0	0	322	128	186	28	20	0.16	10.76	51
CO7280	CO7218	14.39	60 1-	4ACSR	0	0	319	127	179	27	20	0.11	10.87	33
CO7281	CO7280	14.49	60 1-	4ACSR	0	0	315	126	179	27	20	0.13	11.01	42
CO7244	CO7281	14.57	1 1-	4ACSR	0	0	312	126	7	1	1	0.00	11.01	0
CO7282	CO7281	14.85	59 1-	4ACSR	0	0	302	124	171	26	19	0.44	11.44	131
CO7283	CO7282	15.04	58 1-	4ACSR	0	0	296	123	170	26	19	0.24	11.69	73
CO7219	CO7283	15.17	55 1-	4ACSR	0	0	292	122	166	25	18	0.16	11.84	46
CO7236	CO7219	15.22	2 1-	4ACSR	0	0	290	122	5	0	1	0.00	11.85	0
CO7306	CO7219	15.18	53 1-	4ACSR	0	0	291	122	161	24	18	0.01	11.85	2
OC196	CO7306	15.18	53 1-	35 H OCR	0	0	291	122	161	24	71	0.00	11.85	0
CO7307	OC196	15.30	53 1-	4ACSR	0	0	288	121	161	24	18	0.14	11.99	39
CO7284	CO7307	15.36	51 1-	4ACSR	0	0	286	121	158	24	17	0.07	12.06	19
CO7285	CO7284	15.48	50 1-	4ACSR	0	0	282	120	154	23	17	0.14	12.20	37
CO7245	CO7285	15.67	50 1-	4ACSR	0	0	276	119	153	23	17	0.21	12.41	58
CO7246	CO7245	15.78	48 1-	4ACSR	0	0	273	119	147	22	16	0.12	12.53	31
CO7247	CO7246	16.00	48 1-	4ACSR	0	0	267	118	147	22	16	0.23	12.76	60
CO7221	CO7247	16.05	34 1-	4ACSR	0	0	266	117	85	13	9	0.03	12.80	5
CO7242	CO7221	16.10	1 1-	2ACSR	0	0	265	117	2	0	0	0.00	12.80	0
CO7239	CO7221	16.11	1 1-	4ACSR	0	0	264	117	0	0	0	0.00	12.80	0
CO7222	CO7221	16.09	32 1-	4ACSR	0	0	265	117	83	12	9	0.03	12.82	4
CO7223	CO7222	16.21	31 1-	4ACSR	0	0	262	116	81	12	9	0.07	12.89	10

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7258	CO7223	16.25	30 1-	4ACSR	0	0	261	116	81	12	9	0.02	12.91	3
CO8363	CO7258	16.52	30 1-	4ACSR	0	0	254	115	81	12	9	0.16	13.08	23
CO7114	CO8363	16.54	2 1-	4ACSR	0	0	253	115	4	0	0	0.00	13.08	0
CO7115	CO7114	16.89	1 1-	4ACSR	0	0	245	113	2	0	0	0.01	13.08	0
CO7116	CO7115	17.02	1 1-	4ACSR	0	0	242	112	2	0	0	0.00	13.08	0
CO7117	CO7116	17.04	1 1-	4ACSR	0	0	242	112	2	0	0	0.00	13.08	0
CO7118	CO7117	17.36	1 1-	4ACSR	0	0	235	111	2	0	0	0.01	13.09	0
CO7119	CO7118	17.44	1 1-	4ACSR	0	0	233	110	2	0	0	0.00	13.09	0
CO7120	CO7119	17.49	1 1-	4ACSR	0	0	232	110	2	0	0	0.00	13.09	0
CO7121	CO7120	17.54	1 1-	4ACSR	0	0	231	110	2	0	0	0.00	13.09	0
CO7101	CO8363	16.61	28 1-	4ACSR	0	0	252	114	77	12	9	0.05	13.12	7
CO7122	CO7101	16.67	28 1-	4ACSR	0	0	250	114	77	12	9	0.03	13.16	5
CO7123	CO7122	16.81	27 1-	4ACSR	0	0	247	113	73	11	8	0.08	13.23	10
CO7124	CO7123	17.06	26 1-	4ACSR	0	0	241	112	70	11	8	0.13	13.36	16
CO7128	CO7124	17.13	25 1-	4ACSR	0	0	240	112	64	10	7	0.03	13.39	3
CO7129	CO7128	17.14	24 1-	4ACSR	0	0	239	112	62	9	7	0.01	13.40	0
CO7127	CO7129	17.32	24 1-	4ACSR	0	0	236	111	62	9	7	0.08	13.48	9
CO7173	CO7127	17.33	6 1-	4ACSR	0	0	235	111	16	2	2	0.00	13.48	0
OC193	CO7173	17.33	6 1-	15 H OCR	0	0	235	111	16	2	17	0.00	13.48	0
CO7174	OC193	17.44	6 1-	4ACSR	0	0	233	110	16	2	2	0.01	13.50	0
CO7144	CO7174	17.50	6 1-	4ACSR	0	0	232	110	16	2	2	0.01	13.50	0
CO7107	CO7144	17.60	1 1-	4ACSR	0	0	230	110	4	0	0	0.00	13.51	0
CO7145	CO7144	17.80	5 1-	4ACSR	0	0	226	109	13	1	1	0.03	13.53	0
CO7146	CO7145	17.96	5 1-	4ACSR	0	0	223	108	13	1	1	0.01	13.55	0
CO7147	CO7146	18.09	5 1-	4ACSR	0	0	220	107	13	1	1	0.01	13.56	0
CO7148	CO7147	18.18	5 1-	4ACSR	0	0	218	107	13	1	1	0.01	13.57	0
CO7149	CO7148	18.29	5 1-	4ACSR	0	0	217	106	13	1	1	0.01	13.58	0
CO7156	CO7149	18.33	4 1-	4ACSR	0	0	216	106	2	0	0	0.00	13.58	0
CO7157	CO7156	18.48	4 1-	4ACSR	0	0	213	106	2	0	0	0.00	13.58	0
CO7169	CO7157	18.60	3 1-	4ACSR	0	0	211	105	1	0	0	0.00	13.58	0
CO7170	CO7169	18.87	2 1-	4ACSR	0	0	206	104	1	0	0	0.00	13.58	0
CO7171	CO7170	18.95	2 1-	4ACSR	0	0	205	103	1	0	0	0.00	13.58	0
CO7105	CO7171	18.99	1 1-	4ACSR	0	0	205	103	0	0	0	0.00	13.58	0
CO7104	CO7171	19.19	1 1-	4ACSR	0	0	201	102	1	0	0	0.00	13.59	0
CO7158	CO7157	18.76	1 1-	4ACSR	0	0	208	104	0	0	0	0.00	13.58	0
CO7159	CO7158	18.84	1 1-	4ACSR	0	0	207	104	0	0	0	0.00	13.58	0
CO7160	CO7159	19.07	1 1-	4ACSR	0	0	203	103	0	0	0	0.00	13.58	0
CO7161	CO7160	19.15	1 1-	4ACSR	0	0	202	103	0	0	0	0.00	13.58	0
CO7162	CO7161	19.17	1 1-	4ACSR	0	0	202	103	0	0	0	0.00	13.58	0
CO7163	CO7162	19.29	1 1-	4ACSR	0	0	200	102	0	0	0	0.00	13.58	0
CO7164	CO7163	19.35	1 1-	4ACSR	0	0	199	102	0	0	0	0.00	13.58	0
CO7165	CO7164	19.40	1 1-	4ACSR	0	0	198	102	0	0	0	0.00	13.58	0
CO7166	CO7165	19.46	1 1-	4ACSR	0	0	197	101	0	0	0	0.00	13.58	0
CO7167	CO7166	19.60	1 1-	4ACSR	0	0	195	101	0	0	0	0.00	13.58	0
CO7168	CO7167	19.69	1 1-	4ACSR	0	0	194	100	0	0	0	0.00	13.58	0
CO7150	CO7149	18.38	1 1-	4ACSR	0	0	215	106	11	1	1	0.01	13.59	0
CO7151	CO7150	18.49	1 1-	4ACSR	0	0	213	105	11	1	1	0.01	13.59	0
CO7152	CO7151	18.55	1 1-	4ACSR	0	0	212	105	11	1	1	0.00	13.60	0
CO7153	CO7152	18.61	1 1-	4ACSR	0	0	211	105	11	1	1	0.00	13.60	0
CO7154	CO7153	18.68	1 1-	4ACSR	0	0	210	105	11	1	1	0.01	13.61	0
CO7155	CO7154	18.75	1 1-	4ACSR	0	0	209	104	11	1	1	0.00	13.61	0
CO7130	CO7127	17.35	18 1-	4ACSR	0	0	235	111	46	7	5	0.01	13.49	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7131	CO7130	17.51	17 1-	4ACSR	0	0	232	110	42	6	5	0.05	13.54	3
CO7132	CO7131	17.62	17 1-	4ACSR	0	0	229	109	42	6	5	0.03	13.57	2
CO7133	CO7132	17.64	15 1-	4ACSR	0	0	229	109	34	5	4	0.00	13.58	0
CO7134	CO7133	17.66	14 1-	4ACSR	0	0	229	109	27	4	3	0.00	13.58	0
CO7172	CO7134	17.67	14 1-	750 MCM - 42 Wi	0	0	228	109	27	4	0	0.00	13.58	0
OC194	CO7172	17.67	14 1-	10 H OCR	0	0	228	109	27	4	43	0.00	13.58	0
CO7140	OC194	17.74	7 1-	4ACSR	0	0	227	109	17	2	2	0.01	13.59	0
CO7141	CO7140	18.00	6 1-	4ACSR	0	0	222	108	17	2	2	0.03	13.62	0
CO7102	CO7141	18.18	5 1-	4ACSR	0	0	219	107	17	2	2	0.02	13.65	0
CO7142	CO7102	18.42	5 1-	4ACSR	0	0	214	106	17	2	2	0.03	13.68	0
CO7143	CO7142	18.68	5 1-	4ACSR	0	0	210	105	17	2	2	0.03	13.71	0
CO8301	CO7143	18.92	4 1-	4ACSR	0	0	206	104	15	2	2	0.02	13.72	0
CO4690	CO8301	18.99	2 1-	4ACSR	0	0	205	103	4	0	0	0.00	13.73	0
CO4691	CO4690	19.02	2 1-	4ACSR	0	0	204	103	4	0	0	0.00	13.73	0
CO4692	CO4691	19.10	0 1-	4ACSR	0	0	203	103	0	0	0	0.00	13.73	0
CO7103	CO7103	18.48	0 1-	4ACSR	0	0	213	105	0	0	0	0.00	13.65	0
CO7100	CO7103	18.56	0 1-	4ACSR	0	0	212	105	0	0	0	0.00	13.65	0
CO7108	CO7141	18.04	1 1-	4ACSR	0	0	221	107	0	0	0	0.00	13.62	0
CO7135	OC194	17.73	7 1-	4ACSR	0	0	227	109	10	1	1	0.01	13.59	0
CO7136	CO7135	17.80	7 1-	4ACSR	0	0	226	109	10	1	1	0.00	13.59	0
CO7137	CO7136	17.91	6 1-	4ACSR	0	0	224	108	10	1	1	0.01	13.60	0
CO7111	CO7137	17.96	3 1-	4ACSR	0	0	223	108	2	0	0	0.00	13.60	0
CO7138	CO7137	18.01	3 1-	4ACSR	0	0	222	108	7	1	1	0.01	13.61	0
CO-1432945604	CO7138	18.06	1 1-	2ACSR	0	0	221	107	2	0	0	0.00	13.61	0
CO7139	CO7138	18.33	2 1-	4ACSR	0	0	216	106	5	0	1	0.01	13.62	0
CO7110	CO7139	18.49	1 1-	4ACSR	0	0	213	105	5	0	1	0.00	13.62	0
CO7109	CO7139	18.38	1 1-	4ACSR	0	0	215	106	1	0	0	0.00	13.62	0
CO7125	CO7124	17.14	1 1-	4ACSR	0	0	239	112	6	0	1	0.00	13.37	0
CO7126	CO7125	17.16	1 1-	4ACSR	0	0	239	112	6	0	1	0.00	13.37	0
CO7106	CO7101	16.64	0 1-	4ACSR	0	0	251	114	0	0	0	0.00	13.12	0
CO7241	CO7223	16.28	1 1-	4ACSR	0	0	260	116	0	0	0	0.00	12.89	0
CO7240	CO7222	16.16	1 1-	4ACSR	0	0	263	117	1	0	0	0.00	12.82	0
CO7220	CO7247	16.11	14 1-	4ACSR	0	0	264	117	62	9	7	0.05	12.81	5
CO7304	CO7220	16.11	12 1-	4ACSR	0	0	264	117	51	7	6	0.00	12.81	0
OC195	CO7304	16.11	12 1-	10 H OCR	0	0	264	117	51	7	79	0.00	12.81	0
CO7305	OC195	16.40	12 1-	4ACSR	0	0	257	115	51	7	6	0.11	12.92	10
CO7238	CO7305	16.45	0 1-	4ACSR	0	0	256	115	0	0	0	0.00	12.92	0
CO7288	CO7305	16.56	12 1-	4ACSR	0	0	253	115	51	7	6	0.06	12.98	5
CO7289	CO7288	16.80	11 1-	4ACSR	0	0	247	113	51	7	6	0.09	13.07	8
CO7248	CO7289	16.90	0 1-	4ACSR	0	0	245	113	0	0	0	0.00	13.07	0
CO7290	CO7248	16.96	0 1-	4ACSR	0	0	244	113	0	0	0	0.00	13.07	0
CO7291	CO7290	17.05	0 1-	4ACSR	0	0	241	112	0	0	0	0.00	13.07	0
CO7249	CO7291	17.15	0 1-	4ACSR	0	0	239	112	0	0	0	0.00	13.07	0
CO7292	CO7289	16.97	11 1-	4ACSR	0	0	243	113	51	7	6	0.06	13.13	5
CO7308	CO7292	17.09	10 1-	4ACSR	0	0	241	112	47	7	5	0.04	13.17	3
CO7250	CO7308	17.14	10 1-	4ACSR	0	0	239	112	47	7	5	0.02	13.19	0
CO7251	CO7250	17.24	8 1-	4ACSR	0	0	237	111	34	5	4	0.02	13.21	0
CO7293	CO7251	17.36	7 1-	4ACSR	0	0	235	111	32	5	4	0.03	13.24	0
CO7294	CO7293	17.41	7 1-	4ACSR	0	0	234	110	32	5	4	0.01	13.25	0
CO7252	CO7294	17.51	6 1-	4ACSR	0	0	232	110	30	4	3	0.02	13.27	0
CO7253	CO7252	17.73	6 1-	4ACSR	0	0	227	109	30	4	3	0.05	13.32	3
CO7302	CO7253	17.80	6 1-	4ACSR	0	0	226	109	30	4	3	0.01	13.34	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7243	CO7302	17.86	2 1-	2ACSR	0	0	225	108	9	1	1	0.00	13.34	0
CO7303	CO7302	17.88	4 1-	4ACSR	0	0	224	108	21	3	2	0.01	13.35	0
CO7301	CO7303	18.06	3 1-	4ACSR	0	0	221	107	17	2	2	0.02	13.37	0
CO7297	CO7301	18.11	3 1-	4ACSR	0	0	220	107	17	2	2	0.01	13.38	0
CO7298	CO7297	18.41	3 1-	4ACSR	0	0	214	106	17	2	2	0.04	13.41	0
CO7295	CO7298	18.45	3 1-	4ACSR	0	0	214	106	17	2	2	0.00	13.42	0
CO7296	CO7295	18.61	2 1-	4ACSR	0	0	211	105	14	2	2	0.02	13.44	0
CO7254	CO7296	18.92	2 1-	4ACSR	0	0	206	104	14	2	2	0.03	13.47	0
CO7256	CO7254	19.03	1 1-	2ACSR	0	0	204	103	4	0	0	0.00	13.47	0
CO7257	CO7256	19.17	1 1-	2ACSR	0	0	203	103	4	0	0	0.00	13.47	0
CO7255	CO7254	19.04	1 1-	4ACSR	0	0	204	103	10	1	1	0.00	13.47	0
CO7231	CO7250	17.20	2 1-	4ACSR	0	0	238	111	13	2	1	0.00	13.19	0
CO7237	CO7220	16.22	1 1-	4ACSR	0	0	261	116	5	0	1	0.00	12.81	0
CO7286	CO7245	15.71	2 1-	4ACSR	0	0	275	119	6	0	1	0.00	12.41	0
CO7287	CO7286	15.76	1 1-	4ACSR	0	0	274	119	2	0	0	0.00	12.41	0
CO7235	CO7283	15.12	2 1-	4ACSR	0	0	293	123	3	0	0	0.00	11.69	0
CO7234	CO7218	14.39	2 1-	4ACSR	0	0	319	127	7	1	1	0.00	10.77	0
CO7177	CO7175	13.89	1 1-	4ACSR	0	0	339	130	3	0	0	0.00	10.02	0
CO17804	CO17760	12.84	2 1-	4ACSR	0	0	389	138	2	0	0	0.00	8.58	0
CO17805	CO17804	12.88	1 1-	4ACSR	0	0	386	137	2	0	0	0.00	8.58	0
CO17769	CO17759	12.61	1 1-	4ACSR	0	0	401	139	0	0	0	0.00	8.30	0
CO17800	CO17799	12.41	2 1-	4ACSR	0	0	413	141	2	0	0	0.00	7.99	0
CO17801	CO17800	12.45	1 1-	4ACSR	0	0	410	140	0	0	0	0.00	7.99	0
CO17802	CO17801	12.47	1 1-	4ACSR	0	0	409	140	0	0	0	0.00	7.99	0
CO17803	CO17802	12.56	1 1-	4ACSR	0	0	404	140	0	0	0	0.00	7.99	0
CO17768	CO17758	12.19	1 1-	4ACSR	0	0	426	142	3	0	0	0.00	7.67	0
CO17767	CO17757	11.99	1 1-	4ACSR	0	0	439	144	13	1	1	0.00	7.36	0
CO17831	CO17796	11.80	14 1-	4ACSR	0	0	452	146	26	3	3	0.00	7.17	0
OC538	CO17831	11.80	14 1-	25 H OCR	0	0	452	146	26	3	16	0.00	7.17	0
CO17832	OC538	11.88	14 1-	4ACSR	0	0	446	145	26	3	3	0.01	7.19	0
CO17766	CO17832	11.94	1 1-	4ACSR	0	0	443	144	8	1	1	0.00	7.19	0
CO17806	CO17832	12.19	13 1-	4ACSR	0	0	426	142	19	2	2	0.04	7.23	0
CO17807	CO17806	12.36	13 1-	4ACSR	0	0	416	141	19	2	2	0.02	7.25	0
CO17808	CO17807	12.49	13 1-	4ACSR	0	0	408	140	19	2	2	0.02	7.27	0
CO17809	CO17808	12.62	13 1-	4ACSR	0	0	400	139	19	2	2	0.02	7.29	0
CO17819	CO17809	12.78	9 1-	4ACSR	0	0	392	138	5	0	0	0.01	7.29	0
CO30637	CO17819	13.08	9 1-	4ACSR	0	0	376	136	5	0	0	0.01	7.30	0
CO7183	CO30637	13.39	9 1-	4ACSR	0	0	361	134	5	0	0	0.01	7.31	0
CO7184	CO7183	13.41	9 1-	4ACSR	0	0	360	133	5	0	0	0.00	7.31	0
CO7185	CO7184	13.73	9 1-	4ACSR	0	0	345	131	5	0	0	0.01	7.32	0
CO7186	CO7185	13.84	9 1-	4ACSR	0	0	341	131	5	0	0	0.00	7.33	0
CO7187	CO7186	13.97	9 1-	4ACSR	0	0	335	130	5	0	0	0.00	7.33	0
CO7188	CO7187	14.13	9 1-	4ACSR	0	0	329	129	5	0	0	0.00	7.33	0
CO7189	CO7188	14.31	9 1-	4ACSR	0	0	322	127	5	0	0	0.01	7.34	0
CO7190	CO7189	14.38	9 1-	4ACSR	0	0	319	127	5	0	0	0.00	7.34	0
CO7191	CO7190	14.58	9 1-	4ACSR	0	0	312	126	5	0	0	0.01	7.35	0
CO7192	CO7191	14.81	9 1-	4ACSR	0	0	304	124	5	0	0	0.01	7.36	0
CO7193	CO7192	14.91	9 1-	4ACSR	0	0	300	124	5	0	0	0.00	7.36	0
CO7194	CO7193	14.99	9 1-	4ACSR	0	0	297	123	5	0	0	0.00	7.36	0
CO7195	CO7194	15.03	9 1-	4ACSR	0	0	296	123	5	0	0	0.00	7.36	0
CO7196	CO7195	15.07	8 1-	4ACSR	0	0	295	123	4	0	0	0.00	7.36	0
CO7197	CO7196	15.12	8 1-	4ACSR	0	0	293	123	4	0	0	0.00	7.37	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7198	CO7197	15.21	7 1-	4ACSR	0	0	290	122	1	0	0	0.00	7.37	0
CO7199	CO7198	15.30	6 1-	4ACSR	0	0	287	121	1	0	0	0.00	7.37	0
CO7200	CO7199	15.37	6 1-	4ACSR	0	0	285	121	1	0	0	0.00	7.37	0
CO7201	CO7200	15.40	4 1-	4ACSR	0	0	285	121	0	0	0	0.00	7.37	0
CO8362	CO7201	15.41	4 1-	4ACSR	0	0	284	121	0	0	0	0.00	7.37	0
CO7079	CO8362	15.50	4 1-	4ACSR	0	0	282	120	0	0	0	0.00	7.37	0
CO7080	CO7079	15.55	4 1-	4ACSR	0	0	280	120	0	0	0	0.00	7.37	0
CO7081	CO7080	15.68	4 1-	4ACSR	0	0	276	119	0	0	0	0.00	7.37	0
CO7082	CO7081	15.81	4 1-	4ACSR	0	0	272	119	0	0	0	0.00	7.37	0
CO7083	CO7082	15.89	4 1-	4ACSR	0	0	270	118	0	0	0	0.00	7.37	0
CO7078	CO7083	15.97	1 1-	4ACSR	0	0	268	118	0	0	0	0.00	7.37	0
CO7084	CO7083	15.99	3 1-	4ACSR	0	0	268	118	0	0	0	0.00	7.37	0
CO7085	CO7084	16.05	2 1-	4ACSR	0	0	266	117	0	0	0	0.00	7.37	0
CO7086	CO7085	16.17	1 1-	4ACSR	0	0	263	117	0	0	0	0.00	7.37	0
CO17810	CO17809	12.70	4 1-	4ACSR	0	0	396	139	14	2	2	0.00	7.29	0
CO17811	CO17810	12.74	3 1-	4ACSR	0	0	394	138	0	0	0	0.00	7.29	0
CO17812	CO17811	12.79	2 1-	4ACSR	0	0	391	138	0	0	0	0.00	7.29	0
CO17813	CO17812	12.90	2 1-	4ACSR	0	0	385	137	0	0	0	0.00	7.29	0
CO17814	CO17813	12.97	2 1-	4ACSR	0	0	382	137	0	0	0	0.00	7.29	0
CO17815	CO17814	13.03	2 1-	4ACSR	0	0	378	136	0	0	0	0.00	7.29	0
CO17816	CO17815	13.09	2 1-	4ACSR	0	0	375	136	0	0	0	0.00	7.29	0
CO17817	CO17816	13.21	2 1-	4ACSR	0	0	369	135	0	0	0	0.00	7.29	0
CO17818	CO17817	13.36	2 1-	4ACSR	0	0	362	134	0	0	0	0.00	7.29	0
CO-130678255	CO17818	13.49	1 1-	2ACSR	0	0	357	133	0	0	0	0.00	7.29	0
CO1670055075	CO-130678255	13.73	1 1-	2ACSR	0	0	349	132	0	0	0	0.00	7.29	0
CO-1500553810	CO1670055075	13.93	1 1-	2ACSR	0	0	342	131	0	0	0	0.00	7.29	0
CO1636660624	CO-1500553810	14.10	0 1-	2ACSR	0	0	336	130	0	0	0	0.00	7.29	0
CO17763	CO17756	10.58	1 1-	4ACSR	0	0	550	156	3	0	0	0.00	4.77	0
CO17761	CO17820	10.47	71 1-	4ACSR	0	0	560	157	199	28	21	0.07	4.69	24
CO17788	CO17761	10.64	67 1-	4ACSR	0	0	545	156	173	25	18	0.19	4.89	55
CO17789	CO17788	10.65	65 1-	4ACSR	0	0	544	156	170	24	18	0.01	4.90	4
CO17787	CO17789	10.81	65 1-	4ACSR	0	0	530	154	170	24	18	0.18	5.08	51
CO17786	CO17787	11.06	64 1-	4ACSR	0	0	508	152	170	24	18	0.29	5.38	83
CO17827	CO17786	11.06	63 1-	4ACSR	0	0	508	152	169	24	18	0.01	5.38	2
OC540	CO17827	11.06	63 1-	50 H OCR	0	0	508	152	169	24	49	0.00	5.38	0
CO17828	OC540	11.21	63 1-	4ACSR	0	0	496	151	169	24	18	0.17	5.55	46
CO17785	CO17828	11.22	62 1-	4ACSR	0	0	495	151	164	24	17	0.01	5.56	4
CO17784	CO17785	11.30	62 1-	4ACSR	0	0	489	150	164	24	17	0.09	5.66	26
CO17780	CO17784	11.71	60 1-	4ACSR	0	0	458	146	162	23	17	0.45	6.11	119
CO17781	CO17780	11.81	59 1-	4ACSR	0	0	451	146	154	22	16	0.11	6.21	27
CO17773	CO17781	11.85	1 1-	4ACSR	0	0	449	145	12	1	1	0.00	6.21	0
CO17762	CO17781	11.85	58 1-	4ACSR	0	0	448	145	142	20	15	0.04	6.25	10
CO17774	CO17762	11.89	0 1-	4ACSR	0	0	446	145	0	0	0	0.00	6.25	0
CO17778	CO17762	11.92	58 1-	4ACSR	0	0	444	145	142	20	15	0.07	6.32	16
CO17779	CO17778	12.07	58 1-	4ACSR	0	0	434	143	141	20	15	0.15	6.47	35
CO17776	CO17779	12.18	1 1-	2ACSR	0	0	428	143	1	0	0	0.00	6.47	0
CO17777	CO17776	12.27	1 1-	2ACSR	0	0	424	142	1	0	0	0.00	6.47	0
CO17775	CO17779	12.10	57 1-	4ACSR	0	0	432	143	141	20	15	0.02	6.49	5
CO30545	CO17775	12.16	56 1-	4ACSR	0	0	428	143	134	19	14	0.06	6.55	13
CO23827	CO30545	12.24	54 1-	4ACSR	0	0	423	142	125	18	13	0.07	6.62	14
CO17898	CO23827	12.39	52 1-	4ACSR	0	0	414	141	118	17	13	0.12	6.74	23
CO17900	CO17898	12.43	50 1-	4ACSR	0	0	411	141	111	16	12	0.03	6.77	5

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17899	CO17900	12.53	49 1-	4ACSR	0	0	405	140	103	15	11	0.07	6.84	12
CO17947	CO17899	12.54	11 1-	4ACSR	0	0	405	140	9	1	1	0.00	6.84	0
OC541	CO17947	12.54	11 1-	25 H OCR	0	0	405	140	9	1	5	0.00	6.84	0
CO17948	OC541	12.89	11 1-	4ACSR	0	0	386	137	9	1	1	0.02	6.86	0
CO17901	CO17948	13.11	11 1-	4ACSR	0	0	374	136	9	1	1	0.01	6.88	0
CO17904	CO17901	13.23	0 1-	4ACSR	0	0	369	135	0	0	0	0.00	6.88	0
CO23826	CO17904	13.29	0 1-	4ACSR	0	0	365	134	0	0	0	0.00	6.88	0
CO18063	CO23826	13.42	0 1-	4ACSR	0	0	359	133	0	0	0	0.00	6.88	0
CO18091	CO18063	13.54	0 1-	4ACSR	0	0	354	133	0	0	0	0.00	6.88	0
CO18092	CO18091	13.61	0 1-	4ACSR	0	0	351	132	0	0	0	0.00	6.88	0
CO18064	CO18092	13.73	0 1-	4ACSR	0	0	346	131	0	0	0	0.00	6.88	0
CO17902	CO17901	13.15	11 1-	4ACSR	0	0	372	135	9	1	1	0.00	6.88	0
CO17903	CO17902	13.26	10 1-	4ACSR	0	0	367	134	8	1	1	0.01	6.88	0
CO23825	CO17903	13.34	9 1-	4ACSR	0	0	363	134	7	1	1	0.00	6.89	0
CO18093	CO23825	13.54	8 1-	4ACSR	0	0	354	133	5	0	1	0.01	6.90	0
CO18042	CO18093	13.84	8 1-	4ACSR	0	0	341	131	5	0	1	0.01	6.91	0
CO18043	CO18042	13.92	8 1-	4ACSR	0	0	337	130	5	0	1	0.00	6.91	0
CO30548	CO18043	14.06	8 1-	4ACSR	0	0	332	129	5	0	1	0.00	6.91	0
CO18065	CO30548	14.41	8 1-	4ACSR	0	0	318	127	5	0	1	0.01	6.93	0
CO18050	CO18065	14.47	1 1-	4ACSR	0	0	316	126	1	0	0	0.00	6.93	0
CO18094	CO18065	14.46	7 1-	4ACSR	0	0	316	127	4	0	0	0.00	6.93	0
CO18095	CO18094	14.70	7 1-	4ACSR	0	0	307	125	4	0	0	0.00	6.93	0
CO18096	CO18095	14.79	4 1-	4ACSR	0	0	304	124	0	0	0	0.00	6.93	0
CO18097	CO18096	15.00	2 1-	4ACSR	0	0	297	123	0	0	0	0.00	6.93	0
CO18049	CO18043	13.98	0 1-	4ACSR	0	0	335	130	0	0	0	0.00	6.91	0
CO18048	CO18042	13.88	0 1-	4ACSR	0	0	339	130	0	0	0	0.00	6.91	0
CO18047	CO18093	13.62	0 1-	4ACSR	0	0	350	132	0	0	0	0.00	6.90	0
CO17906	CO17899	12.57	36 1-	4ACSR	0	0	404	140	89	13	9	0.02	6.86	3
CO17905	CO17906	12.63	35 1-	4ACSR	0	0	400	139	85	12	9	0.04	6.90	5
CO17939	CO17905	12.72	3 1-	4ACSR	0	0	395	138	13	1	1	0.01	6.90	0
CO17940	CO17939	12.76	1 1-	4ACSR	0	0	393	138	4	0	0	0.00	6.90	0
CO17907	CO17905	12.71	30 1-	4ACSR	0	0	396	139	69	10	7	0.04	6.93	4
CO17908	CO17907	12.77	29 1-	4ACSR	0	0	392	138	69	10	7	0.03	6.96	3
CO17860	CO17908	12.83	1 1-	2ACSR	0	0	390	138	1	0	0	0.00	6.96	0
CO17909	CO17908	12.82	28 1-	4ACSR	0	0	390	138	69	10	7	0.03	6.99	3
CO17840	CO17909	12.88	27 1-	4ACSR	0	0	386	137	63	9	7	0.03	7.02	3
CO17941	CO17840	12.90	2 1-	4ACSR	0	0	385	137	2	0	0	0.00	7.02	0
CO17942	CO17941	13.00	1 1-	4ACSR	0	0	380	136	0	0	0	0.00	7.02	0
CO17841	CO17840	12.96	25 1-	4ACSR	0	0	382	137	61	9	6	0.03	7.05	3
CO17915	CO17841	13.11	9 1-	4ACSR	0	0	375	136	23	3	2	0.02	7.07	0
CO17911	CO17915	13.17	8 1-	4ACSR	0	0	372	135	23	3	2	0.01	7.08	0
CO17913	CO17911	13.23	6 1-	4ACSR	0	0	369	135	18	2	2	0.01	7.09	0
CO17914	CO17913	13.33	4 1-	4ACSR	0	0	364	134	10	1	1	0.00	7.09	0
CO17912	CO17914	13.39	3 1-	4ACSR	0	0	361	134	4	0	0	0.00	7.09	0
CO17917	CO17912	13.63	3 1-	4ACSR	0	0	350	132	4	0	0	0.01	7.10	0
CO17916	CO17917	13.64	2 1-	4ACSR	0	0	349	132	4	0	0	0.00	7.10	0
CO17910	CO17916	13.83	2 1-	4ACSR	0	0	341	131	4	0	0	0.01	7.10	0
CO17918	CO17910	14.02	2 1-	4ACSR	0	0	333	129	4	0	0	0.01	7.11	0
CO17921	CO17918	14.13	1 1-	4ACSR	0	0	329	129	2	0	0	0.00	7.11	0
CO17920	CO17921	14.32	1 1-	4ACSR	0	0	321	127	2	0	0	0.00	7.11	0
CO17922	CO17920	14.59	1 1-	4ACSR	0	0	311	126	2	0	0	0.00	7.12	0
CO17919	CO17922	14.76	1 1-	4ACSR	0	0	305	125	2	0	0	0.00	7.12	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18066	CO17919	14.83	1 1-	4ACSR	0	0	303	124	2	0	0	0.00	7.12	0
CO18067	CO18066	14.91	1 1-	4ACSR	0	0	300	124	2	0	0	0.00	7.12	0
CO18100	CO18067	15.13	1 1-	4ACSR	0	0	293	122	2	0	0	0.00	7.12	0
CO18068	CO18100	15.23	1 1-	4ACSR	0	0	290	122	2	0	0	0.00	7.13	0
CO18069	CO18068	15.36	1 1-	4ACSR	0	0	286	121	2	0	0	0.00	7.13	0
CO18070	CO18069	15.42	1 1-	4ACSR	0	0	284	121	2	0	0	0.00	7.13	0
CO18071	CO18070	15.49	1 1-	4ACSR	0	0	282	120	2	0	0	0.00	7.13	0
CO18072	CO18071	15.55	1 1-	4ACSR	0	0	280	120	2	0	0	0.00	7.13	0
CO18073	CO18072	15.65	1 1-	4ACSR	0	0	277	120	2	0	0	0.00	7.13	0
CO17855	CO17918	14.13	1 1-	4ACSR	0	0	329	129	2	0	0	0.00	7.11	0
CO17925	CO17841	13.12	15 1-	4ACSR	0	0	374	135	36	5	4	0.04	7.09	3
CO730487281	CO17925	13.17	1 1-	2ACSR	0	0	372	135	1	0	0	0.00	7.09	0
CO17924	CO17925	13.14	14 1-	4ACSR	0	0	373	135	34	5	4	0.01	7.09	0
CO17923	CO17924	13.48	14 1-	4ACSR	0	0	357	133	34	5	4	0.08	7.18	5
CO17842	CO17923	13.56	13 1-	4ACSR	0	0	353	132	31	4	3	0.02	7.19	0
CO17857	CO17842	13.70	2 1-	4ACSR	0	0	347	131	8	1	1	0.00	7.20	0
CO17843	CO17842	13.64	11 1-	4ACSR	0	0	349	132	23	3	2	0.01	7.21	0
CO17844	CO17843	13.80	9 1-	4ACSR	0	0	342	131	21	3	2	0.02	7.23	0
CO17859	CO17844	13.99	1 1-	4ACSR	0	0	334	130	10	1	1	0.01	7.24	0
CO17845	CO17844	13.89	8 1-	4ACSR	0	0	338	130	11	1	1	0.01	7.24	0
CO17943	CO17845	13.92	4 1-	4ACSR	0	0	337	130	8	1	1	0.00	7.24	0
CO17944	CO17943	13.93	4 1-	4ACSR	0	0	337	130	8	1	1	0.00	7.24	0
CO17951	CO17944	13.95	0 1-	4ACSR	0	0	336	130	0	0	0	0.00	7.24	0
CO17952	CO17951	13.96	0 1-	4ACSR	0	0	336	130	0	0	0	0.00	7.24	0
CO17928	CO17845	14.08	4 1-	4ACSR	0	0	331	129	3	0	0	0.00	7.24	0
CO17926	CO17928	14.18	4 1-	4ACSR	0	0	327	128	3	0	0	0.00	7.24	0
CO17927	CO17926	14.25	2 1-	4ACSR	0	0	324	128	3	0	0	0.00	7.25	0
CO17929	CO17927	15.10	1 1-	4ACSR	0	0	294	123	3	0	0	0.01	7.25	0
CO17950	CO17929	15.14	0 1-	4ACSR	0	0	292	122	0	0	0	0.00	7.25	0
CO17858	CO17843	13.78	2 1-	4ACSR	0	0	343	131	2	0	0	0.00	7.21	0
CO17856	CO17923	13.61	1 1-	4ACSR	0	0	350	132	3	0	0	0.00	7.18	0
CO17854	CO17909	12.89	1 1-	4ACSR	0	0	386	137	5	0	1	0.00	6.99	0
CO17861	CO17898	12.45	1 1-	2ACSR	0	0	411	141	0	0	0	0.00	6.74	0
CO17783	CO17784	11.39	2 1-	4ACSR	0	0	482	149	2	0	0	0.00	5.66	0
CO17782	CO17783	11.44	1 1-	4ACSR	0	0	478	149	0	0	0	0.00	5.66	0
CO17772	CO17786	11.12	1 1-	4ACSR	0	0	503	151	1	0	0	0.00	5.38	0
CO17771	CO17761	10.55	3 1-	4ACSR	0	0	553	157	17	2	2	0.01	4.70	0
CO-1871087989	CO17771	10.59	1 1-	2ACSR	0	0	550	156	14	2	1	0.00	4.70	0
CO17770	CO17761	10.57	1 1-	4ACSR	0	0	551	156	9	1	1	0.00	4.70	0
CO17825	CO23828	9.94	4 1-	4ACSR	0	0	598	160	8	1	1	0.00	4.37	0
CO17826	CO17825	9.99	2 1-	4ACSR	0	0	593	159	1	0	0	0.00	4.37	0
CO1531049559	CO17826	10.12	1 1-	2ACSR	0	0	582	158	0	0	0	0.00	4.37	0
CO-1014790615	CO1531049559	10.39	1 1-	2ACSR	0	0	559	157	0	0	0	0.00	4.37	0
CO17972	CO17956	9.44	0 1-	4ACSR	0	0	640	162	0	0	0	0.00	4.14	0
CO17971	CO17955	9.31	0 1-	4ACSR	0	0	651	163	0	0	0	0.00	4.08	0
CO17970	CO17954	9.03	1 1-	4ACSR	0	0	677	164	8	1	1	0.00	3.94	0
CO17980	CO17962	8.51	0 1-	4ACSR	0	0	734	167	0	0	0	0.00	3.73	0
CO17979	CO17961	8.33	0 1-	4ACSR	0	0	750	167	0	0	0	0.00	3.57	0
CO18006	CO18036	8.13	3 1-	4ACSR	0	0	776	169	15	2	2	0.01	3.52	0
CO18007	CO18006	8.21	1 1-	4ACSR	0	0	765	168	9	1	1	0.00	3.52	0
CO17978+	CO17958	7.87	1 1-	4ACSR	0	0	933	304	7	0	0	0.00	2.65	0
CO17977+	CO18021	7.60	1 1-	4ACSR	0	0	958	306	25	1	1	0.00	2.58	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18004+	CO18021	7.63	4 1-	4ACSR	0	0	954	306	13	0	1	0.00	2.58	0
CO17976+	CO18004	7.68	2 1-	4ACSR	0	0	947	305	4	0	0	0.00	2.58	0
CO18005+	CO18004	7.66	1 1-	4ACSR	0	0	949	305	1	0	0	0.00	2.58	0
CO17975+	CO17957	7.38	1 1-	4ACSR	0	0	978	308	51	3	3	0.00	2.52	0
CO17974+	CO18028	7.40	1 1-	4ACSR	0	0	972	307	9	0	0	0.00	2.50	0
CO17989+	CO17988	6.06	4 1-	4ACSR	0	0	1103	315	12	0	1	0.00	2.08	0
CO18015+	CO17989	6.11	4 1-	4ACSR	0	0	1095	314	12	0	1	0.00	2.08	0
CO23785+	CO18015	6.17	1 1-	4ACSR	0	0	1084	313	6	0	0	0.00	2.08	0
CO19907+	CO23785	6.25	1 1-	2ACSR	0	0	1073	312	6	0	0	0.00	2.08	0
CO19908+	CO19907	6.41	1 1-	2ACSR	0	0	1050	310	6	0	0	0.00	2.08	0
CO19909+	CO19908	6.47	1 1-	2ACSR	0	0	1041	309	6	0	0	0.00	2.08	0
CO23784+	CO18010	5.45	2 1-	4ACSR	0	0	1175	319	3	0	0	0.00	1.87	0
CO19941+	CO23784	5.59	2 1-	4ACSR	0	0	1147	316	3	0	0	0.00	1.87	0
CO19898+	CO19941	5.65	1 1-	4ACSR	0	0	1134	315	0	0	0	0.00	1.87	0
CO19899+	CO19898	5.70	1 1-	4ACSR	0	0	1124	314	0	0	0	0.00	1.87	0
CO19900+	CO19899	5.77	1 1-	4ACSR	0	0	1111	313	0	0	0	0.00	1.87	0
CO23782+	CO19863	5.37	1 1-	4ACSR	0	0	1163	316	1	0	0	0.00	1.75	0
CO23794+	CO23782	5.52	1 1-	4ACSR	0	0	1132	313	1	0	0	0.00	1.75	0
CO18089+	CO23794	5.62	0 1-	4ACSR	0	0	1113	311	0	0	0	0.00	1.75	0
CO18090+	CO18089	5.65	0 1-	4ACSR	0	0	1107	310	0	0	0	0.00	1.75	0
CO18062+	CO18090	6.01	0 1-	4ACSR	0	0	1040	304	0	0	0	0.00	1.75	0
CO19868+	CO19911	4.97	1 1-	4ACSR	0	0	1240	322	0	0	0	0.00	1.72	0
CO19978+	CO20014	3.91	1 1-	4ACSR	0	0	1404	328	0	0	0	0.00	1.35	0
CO20089+	CO20074	3.77	5 1-	4ACSR	0	0	1431	329	15	1	1	0.00	1.31	0
CO20090+	CO20089	3.78	1 1-	4ACSR	0	0	1427	329	4	0	0	0.00	1.31	0
CO20075+	CO20090	3.79	1 1-	4ACSR	0	0	1425	329	4	0	0	0.00	1.31	0
CO20038+	CO20089	3.86	4 1-	4ACSR	0	0	1405	328	11	0	1	0.00	1.31	0
CO20039+	CO20038	3.90	2 1-	4ACSR	0	0	1394	327	7	0	0	0.00	1.31	0
CO20006+	CO19960	3.24	3 1-	4ACSR	0	0	1531	332	6	0	0	0.00	1.12	0
CO20007+	CO20006	3.47	3 1-	4ACSR	0	0	1460	328	6	0	0	0.00	1.12	0
CO20008+	CO20007	3.55	2 1-	4ACSR	0	0	1432	326	4	0	0	0.00	1.12	0
CO20009+	CO20008	3.61	1 1-	4ACSR	0	0	1415	325	2	0	0	0.00	1.12	0
CO20010+	CO20009	3.64	1 1-	4ACSR	0	0	1407	324	2	0	0	0.00	1.12	0
CO20071+	CO19958	2.64	4 1-	4ACSR	0	0	1661	335	2	0	0	0.00	0.89	0
CO20072+	CO20071	2.68	4 1-	4ACSR	0	0	1648	335	2	0	0	0.00	0.89	0
CO20035+	CO20072	2.81	2 1-	4ACSR	0	0	1598	332	0	0	0	0.00	0.89	0
CO20036+	CO20035	2.93	1 1-	4ACSR	0	0	1553	329	0	0	0	0.00	0.89	0
CO20037+	CO20036	3.01	1 1-	4ACSR	0	0	1526	328	0	0	0	0.00	0.89	0
CO20264+	CO20329	2.14	0 1-	4ACSR	0	0	1804	339	0	0	0	0.00	0.73	0
CO20262+	CO20243	0.63	2 1-	4ACSR	0	0	2355	348	4	0	0	0.00	0.18	0
CO20415+	CO20413	0.01	1321 3-	750 MCM - 42 Wi	2530	2711	2720	354	6625	149	13	0.00	0.01	8
Vanceburg+	CO20415	0.01	1321 3-	560 200WVE	2530	2711	2720	354	6624	149	27	0.00	0.01	0
CO20314+	Vanceburg	0.04	1321 3-	397ACSR	2521	2696	2704	353	6624	149	26	0.01	0.02	102
CO20315+	CO20314	0.16	1321 3-	397ACSR	2487	2640	2645	353	6624	149	26	0.05	0.07	389
CO20313+	CO20315	0.25	1321 3-	397ACSR	2464	2600	2604	353	6622	149	26	0.04	0.11	283
CO20422+	CO20313	0.25	4 1-	4ACSR	0	0	2599	353	8	0	0	0.00	0.11	0
OC610+	CO20422	0.25	4 1-	10 N FUSE	0	0	2599	353	8	0	5	0.00	0.11	0
CO20423+	OC610	0.43	4 1-	4ACSR	0	0	2457	348	8	0	0	0.00	0.11	0
CO20308+	CO20423	0.51	4 1-	4ACSR	0	0	2400	347	8	0	0	0.00	0.11	0
CO20309+	CO20308	0.59	4 1-	4ACSR	0	0	2343	345	8	0	0	0.00	0.11	0
CO20310+	CO20309	0.66	3 1-	4ACSR	0	0	2287	343	8	0	0	0.00	0.11	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20311+	CO20310	0.74	3 1-	4ACSR	0	0	2233	342	8	0	0	0.00	0.11	0
CO20312+	CO20311	0.80	3 1-	4ACSR	0	0	2187	340	8	0	0	0.00	0.11	0
CO20306+	CO20313	0.33	1317 3-	397ACSR	2440	2562	2563	352	6613	148	26	0.04	0.15	287
CO20307+	CO20306	0.39	1317 3-	397ACSR	2425	2538	2538	352	6612	148	26	0.02	0.17	182
CO20305+	CO20307	0.44	1315 3-	397ACSR	2410	2516	2514	352	6608	148	26	0.02	0.19	176
CO20299+	CO20305	0.49	1315 3-	397ACSR	2397	2496	2492	352	6607	148	26	0.02	0.21	163
CO20241+	CO20299	0.54	9 1-	4ACSR	0	0	2455	351	24	1	1	0.00	0.22	0
CO20301+	CO20241	0.56	2 1-	4ACSR	0	0	2438	350	8	0	0	0.00	0.22	0
CO20302+	CO20301	0.58	1 1-	4ACSR	0	0	2426	350	1	0	0	0.00	0.22	0
CO20300+	CO20302	0.59	1 1-	4ACSR	0	0	2417	349	1	0	0	0.00	0.22	0
CO20303+	CO20241	0.56	6 1-	4ACSR	0	0	2440	350	10	0	0	0.00	0.22	0
CO20304+	CO20303	0.61	4 1-	4ACSR	0	0	2404	349	6	0	0	0.00	0.22	0
CO20297+	CO20299	0.74	1304 3-	397ACSR	2332	2398	2385	351	6580	148	26	0.11	0.33	838
CO20298+	CO20297	0.77	1304 3-	397ACSR	2324	2386	2372	351	6576	148	26	0.01	0.34	108
CO20296+	CO20298	0.92	1303 3-	397ACSR	2288	2334	2315	350	6575	148	26	0.06	0.40	486
CO20290+	CO20296	0.98	4 1-	2ACSR	0	0	2281	349	30	2	1	0.00	0.40	0
CO20267+	CO20290	1.03	1 1-	2ACSR	0	0	2252	348	7	0	0	0.00	0.40	0
CO20291+	CO20290	1.06	1 1-	2ACSR	0	0	2237	348	9	0	0	0.00	0.41	0
CO20292+	CO20291	1.12	1 1-	2ACSR	0	0	2202	347	9	0	0	0.00	0.41	0
CO20293+	CO20290	1.06	2 1-	2ACSR	0	0	2234	348	14	1	1	0.00	0.40	0
CO30586+	CO20293	1.23	1 1-	1/0PRIURD	0	0	2159	828	6	0	1	0.00	0.40	0
CO30585+	CO30586	1.26	0 1-	1/0PRIURD	0	0	2147	826	0	0	0	0.00	0.40	0
CO20432+	CO30585	1.26	0 1-	1/0PRIURD	0	0	2145	826	0	0	0	0.00	0.40	0
CO-46672579+	CO20432	1.31	0 1-	1/0PRIURD	0	0	2132	823	0	0	0	0.00	0.40	0
CO282688863+	CO-46672579	1.64	0 1-	1/0PRIURD	0	0	2039	800	0	0	0	0.00	0.40	0
CO551485412+	CO-46672579	1.33	0 1-	1/0PRIURD	0	0	2122	821	0	0	0	0.00	0.40	0
CO20265+	CO30586	1.28	1 1-	1/0PRIURD	0	0	2139	825	6	0	0	0.00	0.40	0
CO20294+	CO20293	1.17	1 1-	2ACSR	0	0	2175	346	8	0	0	0.00	0.41	0
CO20295+	CO20294	1.42	1 1-	1/0PRIURD	0	0	2069	812	8	0	0	0.00	0.41	0
CO30583+	CO20295	1.47	0 1-	1/0PRIURD	0	0	2047	809	0	0	0	0.00	0.41	0
CO20289+	CO20296	0.94	1299 3-	397ACSR	2282	2326	2305	350	6543	147	26	0.01	0.41	80
CO20420+	CO20289	0.95	6 1-	4ACSR	0	0	2301	350	20	1	1	0.00	0.41	0
OC611+	CO20420	0.95	6 1-	10 N FUSE	0	0	2301	350	20	1	13	0.00	0.41	0
CO20421+	OC611	0.97	6 1-	4ACSR	0	0	2287	349	20	1	1	0.00	0.42	0
CO20258+	CO20421	1.10	2 1-	4ACSR	0	0	2204	346	6	0	0	0.00	0.42	0
CO20286+	CO20421	1.10	3 1-	4ACSR	0	0	2206	346	11	0	1	0.00	0.42	0
CO20287+	CO20286	1.32	2 1-	4ACSR	0	0	2073	342	11	0	1	0.00	0.42	0
CO20288+	CO20287	1.41	1 1-	4ACSR	0	0	2017	340	4	0	0	0.00	0.42	0
CO20284+	CO20289	1.08	1293 3-	397ACSR	2248	2279	2253	349	6523	147	26	0.06	0.48	457
CO20285+	CO20284	1.11	1293 3-	397ACSR	2241	2270	2243	349	6521	147	26	0.01	0.49	98
CO20283+	CO20285	1.20	1290 3-	397ACSR	2222	2243	2213	349	6516	147	26	0.04	0.52	275
CO20282+	CO20283	1.42	1289 3-	397ACSR	2172	2177	2138	348	6512	146	26	0.10	0.62	717
CO20281+	CO20282	1.44	1289 3-	397ACSR	2167	2170	2130	348	6509	146	26	0.01	0.63	82
CO20279+	CO20281	1.62	1 1-	4ACSR	0	0	2033	344	8	0	0	0.00	0.63	0
CO20280+	CO20279	1.66	1 1-	4ACSR	0	0	2013	343	8	0	0	0.00	0.63	0
CO20278+	CO20281	1.50	15 1-	4ACSR	0	0	2099	347	27	1	1	0.00	0.63	0
CO23710+	CO20278	1.63	15 1-	4ACSR	0	0	2025	344	27	1	1	0.01	0.64	0
CO20875+	CO23710	1.75	14 1-	4ACSR	0	0	1966	341	26	1	1	0.00	0.64	0
CO20845+	CO20875	1.79	13 1-	4ACSR	0	0	1945	340	25	1	1	0.00	0.65	0
CO20882+	CO20845	1.83	9 1-	4ACSR	0	0	1924	339	21	1	1	0.00	0.65	0
CO20883+	CO20882	2.63	8 1-	4ACSR	0	0	1558	323	13	0	1	0.02	0.66	0
CO20851+	CO20883	2.83	8 1-	4ACSR	0	0	1483	319	13	0	1	0.00	0.67	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20850+	CO20851	2.87	8 1-	4ACSR	0	0	1468	318	13	0	1	0.00	0.67	0
CO20849+	CO20850	2.90	6 1-	4ACSR	0	0	1455	318	10	0	0	0.00	0.67	0
CO20848+	CO20849	3.08	5 1-	4ACSR	0	0	1394	314	10	0	0	0.00	0.67	0
CO20847+	CO20848	3.24	4 1-	4ACSR	0	0	1345	311	6	0	0	0.00	0.67	0
CO20846+	CO20847	3.31	4 1-	4ACSR	0	0	1322	310	6	0	0	0.00	0.67	0
CO20884+	CO20846	3.54	4 1-	4ACSR	0	0	1256	306	6	0	0	0.00	0.68	0
CO20830+	CO20884	3.74	4 1-	4ACSR	0	0	1201	302	6	0	0	0.00	0.68	0
CO20834+	CO20830	3.85	1 1-	4ACSR	0	0	1173	301	0	0	0	0.00	0.68	0
CO20833+	CO20830	3.82	2 1-	4ACSR	0	0	1182	301	2	0	0	0.00	0.68	0
CO20835+	CO20884	3.61	0 1-	4ACSR	0	0	1235	305	0	0	0	0.00	0.68	0
CO20853+	CO20845	1.94	4 1-	4ACSR	0	0	1868	337	5	0	0	0.00	0.65	0
CO20852+	CO20853	1.98	2 1-	4ACSR	0	0	1848	336	4	0	0	0.00	0.65	0
CO20855+	CO20852	2.21	2 1-	4ACSR	0	0	1739	331	4	0	0	0.00	0.65	0
CO20876+	CO20855	2.35	2 1-	4ACSR	0	0	1672	328	4	0	0	0.00	0.65	0
CO20877+	CO20876	2.46	1 1-	4ACSR	0	0	1626	326	0	0	0	0.00	0.65	0
CO20854+	CO20877	2.79	1 1-	4ACSR	0	0	1495	320	0	0	0	0.00	0.65	0
CO20837+	CO20852	2.07	0 1-	4ACSR	0	0	1804	334	0	0	0	0.00	0.65	0
CO20277+	CO20281	1.59	1273 3-	397ACSR	2135	2128	2082	347	6473	146	25	0.06	0.70	482
CO741679137+	CO20277	1.76	1273 3-	397ACSR	2100	2082	2030	347	6470	146	25	0.07	0.77	526
CO-1750626472+	CO741679137	1.86	1273 3-	397ACSR	2079	2054	1998	346	6468	146	25	0.05	0.81	343
CO20864+	CO-1750626472	1.91	1273 3-	397ACSR	2070	2042	1985	346	6466	146	25	0.02	0.83	148
CO23712+	CO20864	1.96	4 1-	4ACSR	0	0	1958	345	9	0	0	0.00	0.83	0
CO20259+	CO23712	1.99	2 1-	4ACSR	0	0	1944	344	9	0	0	0.00	0.83	0
CO-2086965379+	CO20259	2.02	1 1-	2ACSR	0	0	1933	344	3	0	0	0.00	0.83	0
CO20272+	CO23712	2.01	2 1-	4ACSR	0	0	1935	344	0	0	0	0.00	0.83	0
CO20273+	CO20272	2.04	2 1-	4ACSR	0	0	1920	343	0	0	0	0.00	0.83	0
CO20274+	CO20273	2.07	1 1-	4ACSR	0	0	1907	342	0	0	0	0.00	0.83	0
CO20275+	CO20274	2.11	1 1-	4ACSR	0	0	1888	342	0	0	0	0.00	0.83	0
CO20276+	CO20275	2.17	1 1-	4ACSR	0	0	1859	340	0	0	0	0.00	0.83	0
CO20856+	CO20864	2.14	1269 3-	397ACSR	2023	1986	1920	345	6456	145	25	0.10	0.93	759
CO23713+	CO20856	2.25	1269 3-	397ACSR	2003	1962	1892	345	6453	145	25	0.05	0.98	346
CO20553+	CO23713	2.27	1258 3-	397ACSR	1999	1957	1886	344	6431	145	25	0.01	0.99	72
CO20552+	CO20553	2.41	1258 3-	397ACSR	1974	1928	1853	344	6431	145	25	0.06	1.04	421
CO20710+	CO20552	2.47	1258 3-	397ACSR	1963	1914	1837	344	6429	145	25	0.03	1.07	210
CO20711+	CO20710	2.66	1257 3-	397ACSR	1929	1875	1792	343	6422	145	25	0.08	1.15	605
CO20435+	CO20711	2.72	1255 3-	397ACSR	1919	1863	1778	343	6415	145	25	0.03	1.18	189
CO23715+	CO20435	2.80	5 1-	4ACSR	0	0	1747	341	16	1	1	0.00	1.18	0
CO20138+	CO23715	3.36	4 1-	4ACSR	0	0	1537	329	10	0	1	0.01	1.19	0
CO20136+	CO20138	3.43	3 1-	4ACSR	0	0	1513	328	10	0	0	0.00	1.19	0
CO20135+	CO20136	3.68	2 1-	4ACSR	0	0	1428	323	10	0	0	0.00	1.19	0
CO20137+	CO20135	3.72	2 1-	4ACSR	0	0	1415	322	10	0	0	0.00	1.19	0
CO20115+	CO20137	3.79	1 1-	4ACSR	0	0	1395	320	2	0	0	0.00	1.19	0
CO20183+	CO20137	3.80	1 1-	4ACSR	0	0	1392	320	8	0	0	0.00	1.19	0
CO20182+	CO20183	3.83	1 1-	4ACSR	0	0	1383	320	8	0	0	0.00	1.19	0
CO20436+	CO20435	2.83	1250 3-	397ACSR	1900	1842	1754	342	6397	144	25	0.04	1.22	338
CO20712+	CO20436	2.86	5 1-	2ACSR	0	0	1742	342	17	1	1	0.00	1.22	0
CO20713+	CO20712	2.91	3 1-	2ACSR	0	0	1726	341	5	0	0	0.00	1.22	0
CO20545+	CO20713	2.95	2 1-	2ACSR	0	0	1714	340	3	0	0	0.00	1.22	0
CO20544+	CO20545	2.98	1 1-	2ACSR	0	0	1702	340	3	0	0	0.00	1.22	0
CO20543+	CO20544	3.10	1 1-	2ACSR	0	0	1663	338	3	0	0	0.00	1.22	0
CO20542+	CO20543	3.32	1 1-	2ACSR	0	0	1592	335	3	0	0	0.00	1.22	0
CO20555+	CO20436	2.99	1244 3-	397ACSR	1873	1810	1718	341	6378	144	25	0.07	1.29	522

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20554+	CO20555	3.03	1244 3-	397ACSR	1866	1803	1710	341	6376	144	25	0.02	1.31	127
CO20437+	CO20554	3.16	1242 3-	397ACSR	1846	1780	1683	341	6371	144	25	0.05	1.36	396
CO20471+	CO20437	3.19	1 1-	4ACSR	0	0	1674	340	3	0	0	0.00	1.36	0
CO20714+	CO20437	3.18	1241 3-	397ACSR	1843	1777	1680	341	6366	144	25	0.01	1.37	54
CO20715+	CO20714	3.34	1240 3-	397ACSR	1818	1749	1647	340	6365	144	25	0.07	1.44	512
CO20473+	CO20715	3.36	2 1-	4ACSR	0	0	1640	340	0	0	0	0.00	1.44	0
CO20472+	CO20715	3.39	1 1-	4ACSR	0	0	1628	339	2	0	0	0.00	1.44	0
CO20557+	CO20715	3.35	1237 3-	397ACSR	1815	1746	1645	340	6360	144	25	0.01	1.44	46
CO20556+	CO20557	3.55	1237 3-	397ACSR	1785	1713	1607	339	6360	144	25	0.08	1.52	625
CO20809+	CO20556	3.56	7 1-	4ACSR	0	0	1604	339	23	1	1	0.00	1.53	0
OC626+	CO20809	3.56	7 1-	10 N FUSE	0	0	1604	339	23	1	16	0.00	1.53	0
CO20810+	OC626	3.58	7 1-	4ACSR	0	0	1599	339	23	1	1	0.00	1.53	0
CO20529+	CO20810	3.61	6 1-	4ACSR	0	0	1586	338	21	1	1	0.00	1.53	0
CO20528+	CO20529	3.90	5 1-	4ACSR	0	0	1493	332	16	1	1	0.01	1.53	0
CO23716+	CO20528	4.07	5 1-	4ACSR	0	0	1442	328	16	1	1	0.00	1.54	0
CO20131+	CO23716	4.08	3 1-	4ACSR	0	0	1437	328	8	0	0	0.00	1.54	0
CO20134+	CO20131	4.23	3 1-	4ACSR	0	0	1393	325	8	0	0	0.00	1.54	0
CO20132+	CO20134	4.37	3 1-	4ACSR	0	0	1355	322	8	0	0	0.00	1.54	0
CO20133+	CO20132	4.44	2 1-	4ACSR	0	0	1334	321	1	0	0	0.00	1.54	0
CO20140+	CO20133	4.60	1 1-	4ACSR	0	0	1291	318	1	0	0	0.00	1.54	0
CO20139+	CO20140	5.11	0 1-	4ACSR	0	0	1167	308	0	0	0	0.00	1.54	0
CO20141+	CO20139	5.25	0 1-	4ACSR	0	0	1136	306	0	0	0	0.00	1.54	0
CO20116+	CO20133	4.63	1 1-	4ACSR	0	0	1283	317	0	0	0	0.00	1.54	0
CO20125+	CO20132	4.44	1 1-	2ACSR	0	0	1339	321	7	0	0	0.00	1.54	0
CO20639+	CO20556	3.59	6 1-	4ACSR	0	0	1595	338	29	2	1	0.00	1.53	0
CO20479+	CO20639	3.64	1 1-	4ACSR	0	0	1579	337	3	0	0	0.00	1.53	0
CO20638+	CO20639	3.84	3 1-	4ACSR	0	0	1514	333	23	1	1	0.01	1.53	0
CO20637+	CO20638	3.92	2 1-	4ACSR	0	0	1489	331	15	1	1	0.00	1.53	0
CO1863333944+	CO20637	3.98	1 1-	2ACSR	0	0	1471	330	1	0	0	0.00	1.53	0
CO20627+	CO20556	3.56	2 1-	4ACSR	0	0	1603	339	12	0	1	0.00	1.53	0
CO20626+	CO20627	3.58	2 1-	4ACSR	0	0	1599	339	12	0	1	0.00	1.53	0
CO20625+	CO20626	3.66	1 1-	4ACSR	0	0	1572	337	4	0	0	0.00	1.53	0
CO20708+	CO20556	3.64	1222 3-	397ACSR	1772	1699	1591	339	6293	142	25	0.04	1.56	263
CO20709+	CO20708	3.77	1220 3-	397ACSR	1753	1678	1567	338	6280	142	25	0.05	1.61	406
CO20559+	CO20709	3.81	1217 3-	397ACSR	1747	1671	1559	338	6261	142	25	0.02	1.63	132
CO20558+	CO20559	3.98	1215 3-	397ACSR	1723	1645	1530	337	6255	141	25	0.07	1.70	517
CO20628+	CO20558	4.02	2 1-	4ACSR	0	0	1518	337	2	0	0	0.00	1.70	0
CO20476+	CO20628	4.05	0 1-	4ACSR	0	0	1510	336	0	0	0	0.00	1.70	0
CO20716+	CO20628	4.05	2 1-	4ACSR	0	0	1509	336	2	0	0	0.00	1.70	0
CO20717+	CO20716	4.12	1 1-	4ACSR	0	0	1490	335	0	0	0	0.00	1.70	0
CO20438+	CO20558	4.17	1189 3-	397ACSR	1697	1618	1499	337	6159	139	24	0.07	1.78	545
CO20636+	CO20438	4.21	1 1-	397ACSR	0	0	1493	336	1	0	0	0.00	1.78	0
CO20635+	CO20636	4.23	1 1-	397ACSR	0	0	1489	336	1	0	0	0.00	1.78	0
CO20561+	CO20438	4.27	1188 3-	397ACSR	1683	1603	1482	336	6156	139	24	0.04	1.82	312
CO20701+	CO20561	4.29	1 1-	2ACSR	0	0	1477	336	14	0	1	0.00	1.82	0
CO20700+	CO20701	4.31	1 1-	2ACSR	0	0	1472	336	14	0	1	0.00	1.82	0
CO20560+	CO20561	4.33	1187 3-	397ACSR	1675	1594	1473	336	6140	139	24	0.02	1.84	175
CO20811+	CO20560	4.34	5 1-	4ACSR	0	0	1471	336	31	2	2	0.00	1.84	0
OC625+	CO20811	4.34	5 1-	10 N FUSE	0	0	1471	336	31	2	22	0.00	1.84	0
CO20812+	OC625	4.45	5 1-	4ACSR	0	0	1441	333	31	2	2	0.00	1.85	0
CO20723+	CO20812	4.53	3 1-	4ACSR	0	0	1419	332	23	1	1	0.00	1.85	0
CO20724+	CO20723	4.57	2 1-	4ACSR	0	0	1407	331	18	1	1	0.00	1.85	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20541+	CO20724	4.72	1 1-	4ACSR	0	0	1366	328	4	0	0	0.00	1.85	0
CO20439+	CO20560	4.36	1182 3-	397ACSR	1672	1591	1469	336	6109	138	24	0.01	1.85	65
CO23717+	CO20439	4.40	4 1-	4ACSR	0	0	1456	335	21	1	1	0.00	1.85	0
CO20185+	CO23717	4.43	3 1-	4ACSR	0	0	1449	334	10	0	0	0.00	1.85	0
CO20184+	CO20185	4.53	2 1-	4ACSR	0	0	1421	332	9	0	0	0.00	1.85	0
CO20563+	CO20439	4.49	1177 3-	397ACSR	1655	1573	1449	335	6079	138	24	0.05	1.90	386
CO20522+	CO20563	4.53	1 1-	2ACSR	0	0	1438	335	5	0	0	0.00	1.90	0
CO20562+	CO20563	4.57	1176 3-	397ACSR	1645	1563	1437	335	6073	137	24	0.03	1.93	218
CO20440+	CO20562	4.61	1173 3-	397ACSR	1640	1557	1431	335	6066	137	24	0.02	1.95	125
CO20727+	CO20440	4.65	1150 3-	397ACSR	1634	1551	1425	335	5964	135	24	0.02	1.97	117
CO20728+	CO20727	4.68	1147 3-	397ACSR	1630	1547	1420	334	5956	135	24	0.01	1.98	86
CO20729+	CO20728	4.77	1147 3-	397ACSR	1620	1536	1408	334	5956	135	24	0.03	2.01	230
CO20730+	CO20729	4.79	1146 3-	397ACSR	1617	1533	1405	334	5953	135	23	0.01	2.02	62
CO20564+	CO20730	4.85	1146 3-	397ACSR	1610	1525	1396	334	5953	135	23	0.02	2.04	171
CO20733+	CO20564	4.92	1134 3-	397ACSR	1602	1517	1386	333	5920	134	23	0.03	2.07	184
CO20734+	CO20733	4.93	1133 3-	397ACSR	1600	1515	1385	333	5919	134	23	0.00	2.07	35
CO20566+	CO20734	5.14	1133 3-	397ACSR	1575	1490	1356	332	5919	134	23	0.08	2.15	568
CO20565+	CO20566	5.17	1133 3-	397ACSR	1572	1486	1353	332	5916	134	23	0.01	2.16	76
CO23718+	CO20565	5.33	1 1-	4ACSR	0	0	1313	329	19	1	1	0.01	2.17	0
CO20186+	CO23718	5.37	1 1-	4ACSR	0	0	1304	328	19	1	1	0.00	2.17	0
CO20568+	CO20565	5.29	1132 3-	397ACSR	1558	1472	1337	332	5897	134	23	0.05	2.21	334
CO20567+	CO20568	5.43	1132 3-	397ACSR	1542	1455	1318	331	5895	134	23	0.05	2.26	389
CO20735+	CO20567	5.50	5 1-	397ACSR	0	0	1310	331	8	0	0	0.00	2.26	0
CO20736+	CO20735	5.64	3 1-	397ACSR	0	0	1293	330	7	0	0	0.00	2.26	0
CO20516+	CO20736	5.67	1 1-	397ACSR	0	0	1290	330	3	0	0	0.00	2.26	0
CO20515+	CO20736	5.67	2 1-	397ACSR	0	0	1289	330	4	0	0	0.00	2.26	0
CO20570+	CO20567	5.45	1126 3-	397ACSR	1540	1453	1316	331	5871	133	23	0.01	2.27	46
CO20569+	CO20570	5.53	1126 3-	397ACSR	1531	1444	1307	331	5871	133	23	0.03	2.30	209
CO20815+	CO20569	5.53	50 1-	4ACSR	0	0	1305	331	304	21	15	0.00	2.30	0
OC629+	CO20815	5.53	50 1-	25 E OCR	0	0	1305	331	304	21	85	0.00	2.30	0
CO20816+	OC629	5.62	50 1-	4ACSR	0	0	1286	329	304	21	15	0.04	2.34	20
CO20461+	CO20816	5.69	48 1-	4ACSR	0	0	1269	327	295	20	15	0.04	2.38	17
CO20603+	CO20461	5.79	45 1-	4ACSR	0	0	1249	325	286	20	14	0.04	2.42	20
CO20744+	CO20603	5.85	44 1-	4ACSR	0	0	1235	324	277	19	14	0.03	2.45	12
CO20745+	CO20744	5.86	43 1-	4ACSR	0	0	1232	324	264	18	13	0.01	2.46	3
XFMR44	CO20745	5.86	43 1-	167 KVA 1PH AUT	0	0	641	170	264	18	160	1.37	3.83	0
CO20602	XFMR44	5.89	43 1-	4ACSR	0	0	639	170	264	37	27	0.04	3.87	19
CO23719	CO20602	5.94	43 1-	4ACSR	0	0	634	170	264	37	27	0.09	3.96	37
CO20123	CO23719	5.95	1 1-	4ACSR	0	0	633	169	7	0	1	0.00	3.96	0
CO20171	CO23719	5.97	42 1-	4ACSR	0	0	631	169	258	36	26	0.05	4.01	23
CO20169	CO20171	6.08	40 1-	4ACSR	0	0	621	168	248	34	25	0.17	4.18	68
CO20168	CO20169	6.12	39 1-	4ACSR	0	0	617	167	237	33	24	0.06	4.25	25
CO20170	CO20168	6.18	37 1-	4ACSR	0	0	612	167	223	31	22	0.08	4.32	28
CO20124	CO20170	6.25	4 1-	4ACSR	0	0	605	166	22	3	2	0.01	4.33	0
CO20173	CO20170	6.21	33 1-	4ACSR	0	0	609	167	201	28	20	0.04	4.36	14
CO20172	CO20173	6.25	32 1-	4ACSR	0	0	605	166	199	28	20	0.06	4.42	19
CO20111	CO20172	6.40	24 1-	4ACSR	0	0	592	165	139	19	14	0.13	4.55	29
CO20106	CO20111	6.52	16 1-	4ACSR	0	0	581	163	74	10	7	0.05	4.60	6
CO20117	CO20106	6.59	1 1-	4ACSR	0	0	575	163	9	1	1	0.00	4.60	0
CO20107	CO20106	6.70	13 1-	4ACSR	0	0	565	161	50	7	5	0.06	4.66	5
CO20197	CO20107	6.77	2 1-	4ACSR	0	0	559	161	9	1	1	0.00	4.66	0
CO20196	CO20197	6.91	1 1-	4ACSR	0	0	548	159	7	1	1	0.00	4.67	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20108	CO20107	6.80	9 1-	4ACSR	0	0	556	160	22	3	2	0.01	4.68	0
CO20199	CO20108	6.91	2 1-	4ACSR	0	0	547	159	9	1	1	0.01	4.68	0
CO20198	CO20199	7.00	2 1-	4ACSR	0	0	540	158	9	1	1	0.00	4.68	0
CO20146	CO20108	6.87	7 1-	4ACSR	0	0	550	160	13	1	1	0.01	4.68	0
CO20147	CO20146	6.93	6 1-	4ACSR	0	0	545	159	13	1	1	0.01	4.69	0
CO20145	CO20147	7.00	6 1-	4ACSR	0	0	540	159	13	1	1	0.00	4.69	0
CO20143	CO20145	7.11	4 1-	4ACSR	0	0	531	157	8	1	1	0.01	4.70	0
CO20142	CO20143	7.14	3 1-	4ACSR	0	0	528	157	6	0	1	0.00	4.70	0
CO20144	CO20142	7.21	2 1-	4ACSR	0	0	523	157	6	0	1	0.00	4.70	0
CO20109	CO20144	7.57	0 1-	4ACSR	0	0	495	153	0	0	0	0.00	4.70	0
CO20120	CO20109	7.58	0 1-	4ACSR	0	0	493	153	0	0	0	0.00	4.70	0
CO20201	CO20109	7.66	0 1-	4ACSR	0	0	488	152	0	0	0	0.00	4.70	0
CO20200	CO20201	7.87	0 1-	4ACSR	0	0	473	150	0	0	0	0.00	4.70	0
CO20190	CO20144	7.34	2 1-	4ACSR	0	0	512	155	6	0	1	0.00	4.70	0
CO20187	CO20190	7.35	2 1-	4ACSR	0	0	512	155	6	0	1	0.00	4.70	0
CO20189	CO20187	7.40	2 1-	4ACSR	0	0	507	155	6	0	1	0.00	4.71	0
CO20188	CO20189	7.47	0 1-	4ACSR	0	0	502	154	0	0	0	0.00	4.71	0
CO20119	CO20107	6.77	1 1-	4ACSR	0	0	559	161	9	1	1	0.00	4.66	0
CO20118	CO20107	6.77	1 1-	4ACSR	0	0	560	161	10	1	1	0.00	4.66	0
CO20192	CO20111	6.51	7 1-	4ACSR	0	0	582	163	53	7	5	0.03	4.58	3
CO20191	CO20192	6.56	5 1-	4ACSR	0	0	577	163	38	5	4	0.01	4.60	0
CO20193	CO20191	6.63	4 1-	4ACSR	0	0	571	162	38	5	4	0.01	4.61	0
CO20195	CO20193	6.69	3 1-	4ACSR	0	0	567	162	28	3	3	0.01	4.62	0
CO20194	CO20195	6.74	1 1-	4ACSR	0	0	562	161	9	1	1	0.00	4.62	0
CO20208	CO20172	6.33	8 1-	4ACSR	0	0	598	165	60	8	6	0.03	4.45	3
CO20220	CO20208	6.36	6 1-	2ACSR	0	0	596	165	50	7	4	0.01	4.46	0
CO20222	CO20220	6.39	5 1-	2ACSR	0	0	594	165	40	5	3	0.00	4.46	0
CO20221	CO20222	6.41	3 1-	2ACSR	0	0	592	165	22	3	2	0.00	4.46	0
CO1229192708	CO20221	6.46	3 1-	2ACSR	0	0	588	164	22	3	2	0.00	4.47	0
CO1579233226	CO1229192708	6.48	1 1-	2ACSR	0	0	586	164	6	0	0	0.00	4.47	0
CO1202724883	CO1229192708	6.51	2 1-	2ACSR	0	0	584	164	17	2	1	0.00	4.47	0
CO-1025959143	CO1202724883	6.63	1 1-	2ACSR	0	0	575	163	7	1	1	0.00	4.47	0
CO704958442	CO1202724883	6.52	0 1-	2ACSR	0	0	583	164	0	0	0	0.00	4.47	0
CO20207	CO20208	6.35	2 1-	4ACSR	0	0	597	165	10	1	1	0.00	4.45	0
CO20688+	CO20461	5.79	3 1-	4ACSR	0	0	1249	325	9	0	0	0.00	2.38	0
CO20687+	CO20688	5.84	1 1-	4ACSR	0	0	1236	324	2	0	0	0.00	2.38	0
CO20686+	CO20816	5.78	2 1-	4ACSR	0	0	1251	326	9	0	0	0.00	2.34	0
CO20685+	CO20686	5.83	2 1-	4ACSR	0	0	1240	325	9	0	0	0.00	2.34	0
CO20737+	CO20569	5.57	1071 3-	397ACSR	1527	1440	1302	331	5556	126	22	0.01	2.31	92
CO20738+	CO20737	5.59	1070 3-	397ACSR	1524	1437	1299	331	5554	126	22	0.01	2.32	62
CO20520+	CO20738	5.69	0 1-	4ACSR	0	0	1278	329	0	0	0	0.00	2.32	0
CO20817+	CO20738	5.60	22 1-	4ACSR	0	0	1297	330	88	6	4	0.00	2.32	0
OC630+	CO20817	5.60	22 1-	35 E OCR	0	0	1297	330	88	6	17	0.00	2.32	0
CO20818+	OC630	5.70	22 1-	4ACSR	0	0	1273	328	88	6	4	0.01	2.34	0
CO20739+	CO20818	5.79	21 1-	4ACSR	0	0	1254	326	88	6	4	0.01	2.35	0
CO20740+	CO20739	6.05	20 1-	4ACSR	0	0	1199	321	78	5	4	0.03	2.38	4
CO20482+	CO20740	6.26	1 1-	4ACSR	0	0	1157	317	2	0	0	0.00	2.38	0
CO20458+	CO20740	6.09	18 1-	4ACSR	0	0	1190	320	66	4	3	0.00	2.38	0
CO20507+	CO20458	6.15	1 1-	4ACSR	0	0	1179	319	3	0	0	0.00	2.38	0
CO20459+	CO20458	6.20	17 1-	4ACSR	0	0	1169	318	64	4	3	0.01	2.39	0
CO20460+	CO20459	6.27	11 1-	4ACSR	0	0	1154	317	47	3	2	0.01	2.40	0
CO20511+	CO20460	6.33	10 1-	4ACSR	0	0	1143	316	47	3	2	0.00	2.40	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO284106970+	CO20511	6.41	7 1-	2ACSR	0	0	1130	315	39	2	1	0.00	2.41	0
CO20742+	CO284106970	6.43	5 1-	2ACSR	0	0	1126	314	35	2	1	0.00	2.41	0
CO20741+	CO20742	6.48	4 1-	4ACSR	0	0	1116	313	25	1	1	0.00	2.41	0
CO20684+	CO20741	6.52	2 1-	4ACSR	0	0	1109	313	4	0	0	0.00	2.41	0
CO20512+	CO20684	6.68	1 1-	4ACSR	0	0	1079	310	2	0	0	0.00	2.41	0
CO20683+	CO20684	6.58	1 1-	4ACSR	0	0	1098	312	3	0	0	0.00	2.41	0
CO20513+	CO20741	6.51	1 1-	4ACSR	0	0	1111	313	9	0	0	0.00	2.41	0
CO1962397760+	CO284106970	6.46	2 1-	2ACSR	0	0	1121	314	4	0	0	0.00	2.41	0
CO20743+	CO1962397760	6.49	2 1-	4ACSR	0	0	1116	313	4	0	0	0.00	2.41	0
CO20510+	CO20459	6.25	3 1-	4ACSR	0	0	1159	317	10	0	0	0.00	2.39	0
CO20509+	CO20459	6.22	1 1-	4ACSR	0	0	1164	318	2	0	0	0.00	2.39	0
CO20508+	CO20459	6.24	2 1-	4ACSR	0	0	1161	318	5	0	0	0.00	2.39	0
CO20571+	CO20738	5.62	1048 3-	397ACSR	1521	1434	1295	330	5466	124	22	0.01	2.33	61
CO20746+	CO20571	5.78	1048 3-	397ACSR	1503	1416	1275	330	5466	124	22	0.06	2.39	390
CO20747+	CO20746	5.82	1047 3-	397ACSR	1499	1412	1271	330	5459	124	22	0.01	2.40	90
CO30553+	CO20747	5.89	1043 3-	397ACSR	1492	1404	1263	329	5444	123	21	0.02	2.42	163
CO20601+	CO30553	5.94	1027 3-	397ACSR	1487	1399	1257	329	5418	123	21	0.02	2.44	108
CO20456+	CO20601	5.97	1020 3-	397ACSR	1484	1396	1254	329	5386	122	21	0.01	2.45	69
CO20457+	CO20456	5.99	997 3-	397ACSR	1482	1394	1252	329	5238	119	21	0.01	2.46	40
CO20441+	CO20457	6.03	997 3-	397ACSR	1478	1390	1247	329	5238	119	21	0.01	2.47	79
CO20442+	CO20441	6.11	924 3-	397ACSR	1470	1382	1239	328	3976	90	16	0.02	2.49	96
CO20465+	CO20442	6.18	921 3-	397ACSR	1463	1375	1231	328	3892	88	15	0.02	2.50	82
CO20466+	CO20465	6.24	2 1-	4ACSR	0	0	1219	327	1	0	0	0.00	2.50	0
CO20464+	CO20465	6.26	919 3-	397ACSR	1454	1366	1221	328	3890	88	15	0.02	2.52	102
CO20581+	CO20464	6.55	734 3-	4/0ACSR	1419	1331	1184	326	2831	63	19	0.08	2.60	339
CO20580+	CO20581	6.60	734 3-	4/0ACSR	1413	1326	1179	326	2830	63	19	0.01	2.61	51
CO20582+	CO20580	6.76	733 3-	4/0ACSR	1394	1307	1159	324	2818	63	19	0.04	2.65	191
CO20774+	CO20582	6.86	733 3-	4/0ACSR	1383	1296	1148	324	2817	63	19	0.02	2.68	110
CO20775+	CO20774	6.88	732 3-	4/0ACSR	1381	1294	1145	324	2807	63	19	0.01	2.68	23
CO20778+	CO20775	6.90	729 3-	4/0ACSR	1379	1291	1143	324	2780	62	18	0.01	2.69	22
CO20779+	CO20778	6.96	727 3-	4/0ACSR	1372	1285	1136	323	2773	62	18	0.02	2.70	69
CO20780+	CO20779	6.98	722 3-	4/0ACSR	1369	1282	1133	323	2762	62	18	0.01	2.71	27
CO20448+	CO20780	7.01	718 3-	4/0ACSR	1366	1279	1130	323	2757	62	18	0.01	2.72	33
CO20496+	CO20448	7.15	1 1-	4ACSR	0	0	1107	320	5	0	0	0.00	2.72	0
CO20449+	CO20448	7.06	716 3-	4/0ACSR	1360	1273	1124	323	2752	62	18	0.01	2.73	56
CO20823+	CO20449	7.07	715 3-	4/0ACSR	1359	1272	1123	323	2735	61	18	0.00	2.73	7
OC965+	CO20823	7.07	715 3-	WVE	1359	1272	1123	323	2735	61	11	0.00	2.73	0
CO20824+	OC965	7.23	715 3-	4/0ACSR	1342	1255	1105	321	2735	61	18	0.04	2.77	180
CO20588+	CO20824	7.37	715 3-	4/0ACSR	1327	1241	1091	321	2734	61	18	0.03	2.80	145
CO20587+	CO20588	7.44	715 3-	4/0ACSR	1320	1234	1083	320	2733	61	18	0.02	2.82	83
CO20586+	CO20587	7.48	715 3-	4/0ACSR	1316	1230	1080	320	2733	61	18	0.01	2.83	36
CO20585+	CO20586	7.48	715 3-	4/0ACSR	1315	1229	1079	320	2733	61	18	0.00	2.83	9
CO30686+	CO20585	7.70	1 3-	1/0ACSR	1289	1205	1053	318	3	0	0	0.00	2.83	0
CO23849+	CO20585	7.49	714 3-	1/0ACSR	1315	1229	1078	320	2730	61	27	0.00	2.84	14
CA75+	CO23849	7.49	0 3-	Capacitor	1315	1229	1078	320	0	-7	0	0.00	2.84	0
CO23850+	CO23849	7.59	714 3-	1/0ACSR	1302	1217	1066	319	2730	62	27	0.05	2.89	219
CO19601+	CO23850	7.67	20 1-	1/0ACSR	0	0	1056	318	78	5	2	0.00	2.89	0
CO19860+	CO19601	7.72	8 1-	1/0ACSR	0	0	1050	318	47	3	1	0.00	2.89	0
CO19859+	CO19860	7.75	6 1-	1/0ACSR	0	0	1047	317	38	2	1	0.00	2.89	0
CO19858+	CO19859	7.77	3 1-	1/0ACSR	0	0	1044	317	24	1	1	0.00	2.90	0
CO19804+	CO19858	7.85	1 1-	2ACSR	0	0	1035	316	4	0	0	0.00	2.90	0
CO19806+	CO19858	7.81	1 1-	1/0ACSR	0	0	1040	317	11	0	0	0.00	2.90	0

Substation Power Factor: 0.98

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19846+	CO19601	7.71	7 1-	1/0ACSR	0	0	1051	318	20	1	1	0.00	2.89	0
CO19845+	CO19846	7.74	7 1-	1/0ACSR	0	0	1049	317	20	1	1	0.00	2.89	0
CO19847+	CO19845	7.77	5 1-	1/0ACSR	0	0	1044	317	12	0	0	0.00	2.89	0
CO19862+	CO19847	7.82	4 1-	1/0ACSR	0	0	1039	317	11	0	0	0.00	2.89	0
CO19861+	CO19862	7.84	3 1-	1/0ACSR	0	0	1037	316	11	0	0	0.00	2.89	0
CO19803+	CO19861	7.87	1 1-	2/0ACSR	0	0	1033	316	5	0	0	0.00	2.89	0
CO19848+	CO19847	7.79	1 1-	1/0ACSR	0	0	1043	317	1	0	0	0.00	2.89	0
CO19453+	CO23850	7.72	692 3-	1/0ACSR	1287	1202	1051	318	2645	60	26	0.07	2.95	270
CO19463+	CO19453	7.78	2 1-	1/0ACSR	0	0	1043	317	1	0	0	0.00	2.95	0
CO19454+	CO19453	7.76	689 3-	1/0ACSR	1282	1198	1046	317	2640	60	26	0.02	2.97	80
CO19541+	CO19454	7.79	689 3-	1/0ACSR	1278	1194	1042	317	2639	60	26	0.02	2.99	78
CO19538+	CO19541	7.89	689 3-	1/0ACSR	1267	1183	1031	316	2639	60	26	0.05	3.04	198
CO19540+	CO19538	7.96	689 3-	1/0ACSR	1258	1175	1022	315	2638	60	26	0.04	3.08	158
CO19539+	CO19540	8.00	689 3-	1/0ACSR	1254	1171	1018	315	2637	60	26	0.02	3.10	77
CO19478+	CO19539	8.15	685 3-	1/0ACSR	1236	1155	1001	313	2617	59	26	0.08	3.17	314
CO19477+	CO19478	8.55	685 3-	1/0ACSR	1193	1114	960	309	2615	59	26	0.20	3.38	822
CO19459+	CO19477	8.64	1 1-	4ACSR	0	0	948	308	11	0	1	0.00	3.38	0
CO19484+	CO19477	8.57	671 3-	1/0ACSR	1191	1112	958	309	2568	58	26	0.01	3.38	35
CO19483+	CO19484	8.59	669 3-	1/0ACSR	1188	1109	956	309	2560	58	26	0.01	3.40	49
CO19494+	CO19483	8.61	666 3-	1/0ACSR	1187	1108	954	309	2554	58	25	0.01	3.41	32
CO19485+	CO19494	8.66	666 3-	1/0ACSR	1182	1103	949	308	2554	58	25	0.02	3.43	93
CO19630+	CO19485	8.85	666 3-	1/0ACSR	1162	1085	931	307	2553	58	25	0.09	3.52	373
CO19493+	CO19630	8.89	665 3-	1/0ACSR	1158	1081	927	306	2551	58	25	0.02	3.54	83
CO19620+	CO19493	8.95	1 1-	2ACSR	0	0	921	306	3	0	0	0.00	3.54	0
CO19619+	CO19620	9.01	1 1-	2ACSR	0	0	915	305	3	0	0	0.00	3.54	0
CO19492+	CO19493	8.90	661 3-	1/0ACSR	1157	1080	926	306	2541	58	25	0.01	3.55	25
CO19486+	CO19492	9.03	661 3-	1/0ACSR	1144	1068	914	305	2540	58	25	0.06	3.61	247
CO19488+	CO19486	9.12	660 3-	1/0ACSR	1135	1060	906	304	2539	58	25	0.04	3.66	179
CO19487+	CO19488	9.17	659 3-	1/0ACSR	1130	1055	902	304	2527	58	25	0.02	3.68	90
CO-1040388465+	CO19487	9.19	1 1-	2ACSR	0	0	899	303	9	0	0	0.00	3.68	0
CO19473+	CO19487	9.21	2 1-	2ACSR	0	0	897	303	6	0	0	0.00	3.68	0
CO19489+	CO19487	9.26	656 3-	1/0ACSR	1121	1047	893	303	2512	57	25	0.05	3.72	181
CO19491+	CO19489	9.30	656 3-	1/0ACSR	1118	1044	890	302	2511	57	25	0.02	3.74	72
CO19490+	CO19491	9.36	656 3-	1/0ACSR	1112	1038	885	302	2511	57	25	0.03	3.77	117
CO19593+	CO19490	9.46	1 1-	4ACSR	0	0	874	300	2	0	0	0.00	3.77	0
CO19592+	CO19490	9.50	2 1-	4ACSR	0	0	868	299	8	0	0	0.00	3.77	0
CO19594+	CO19592	9.58	2 1-	4ACSR	0	0	860	298	8	0	0	0.00	3.78	0
CO19595+	CO19594	9.69	1 1-	4ACSR	0	0	848	296	4	0	0	0.00	3.78	0
CO19496+	CO19490	9.46	653 3-	1/0ACSR	1103	1030	876	301	2499	57	25	0.05	3.82	189
CO19495+	CO19496	9.50	651 3-	1/0ACSR	1099	1026	872	301	2488	57	25	0.02	3.84	81
CO19497+	CO19495	9.61	651 3-	1/0ACSR	1089	1017	864	300	2488	57	25	0.05	3.89	198
CO19597+	CO19497	9.67	2 1-	4ACSR	0	0	857	299	4	0	0	0.00	3.89	0
CO19596+	CO19597	9.70	2 1-	4ACSR	0	0	853	298	4	0	0	0.00	3.89	0
CO19461+	CO19497	9.66	3 1-	4ACSR	0	0	858	299	13	0	1	0.00	3.89	0
CO19501+	CO19497	9.77	646 3-	1/0ACSR	1075	1004	851	298	2470	56	25	0.08	3.97	295
CO19498+	CO19501	9.80	644 3-	1/0ACSR	1072	1001	848	298	2457	56	25	0.02	3.98	62
CO19500+	CO19498	9.83	642 3-	1/0ACSR	1070	999	846	298	2446	56	24	0.01	4.00	45
CO19499+	CO19500	9.96	640 3-	1/0ACSR	1058	988	836	297	2443	56	24	0.06	4.06	236
CO19452+	CO19499	10.03	638 3-	1/0ACSR	1052	982	830	296	2436	56	24	0.04	4.09	135
CO19455+	CO19452	10.08	638 3-	1/0ACSR	1048	979	826	295	2436	56	24	0.02	4.11	84
CO19476+	CO19455	10.13	1 1-	2ACSR	0	0	822	295	0	0	0	0.00	4.11	0
CO19626+	CO19455	10.09	26 1-	4ACSR	0	0	826	295	64	4	3	0.00	4.11	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC587+	CO19626	10.09	26 1-	35 E OCR	0	0	826	295	64	4	13	0.00	4.11	0
CO19627+	OC587	10.30	26 1-	4ACSR	0	0	804	292	64	4	3	0.02	4.14	2
CO19542+	CO19627	10.39	24 1-	4ACSR	0	0	794	290	61	4	3	0.01	4.14	0
CO19471+	CO19542	10.46	1 1-	4ACSR	0	0	788	289	2	0	0	0.00	4.14	0
CO19631+	CO19542	10.53	21 1-	4ACSR	0	0	781	288	55	3	3	0.01	4.16	0
CO19502+	CO19631	10.54	21 1-	4ACSR	0	0	780	288	55	3	3	0.00	4.16	0
CO19504+	CO19502	10.56	21 1-	4ACSR	0	0	778	287	55	3	3	0.00	4.16	0
CO19503+	CO19504	10.69	20 1-	4ACSR	0	0	766	285	55	3	3	0.01	4.17	0
CO19512+	CO19503	10.79	14 1-	4ACSR	0	0	756	284	45	3	2	0.01	4.18	0
CO19474+	CO19512	10.83	1 1-	2ACSR	0	0	754	283	3	0	0	0.00	4.18	0
CO19511+	CO19512	10.89	13 1-	4ACSR	0	0	747	282	41	2	2	0.01	4.19	0
CO19508+	CO19511	11.01	13 1-	4ACSR	0	0	737	280	41	2	2	0.01	4.19	0
CO19510+	CO19508	11.08	13 1-	4ACSR	0	0	730	279	41	2	2	0.01	4.20	0
CO19509+	CO19510	11.15	13 1-	4ACSR	0	0	724	278	41	2	2	0.00	4.20	0
CO23724+	CO19509	11.30	13 1-	4ACSR	0	0	712	276	41	2	2	0.01	4.21	0
CO19840+	CO23724	11.43	6 1-	4ACSR	0	0	700	274	28	1	1	0.01	4.22	0
CO23723+	CO19840	11.53	4 1-	4ACSR	0	0	692	272	25	1	1	0.00	4.22	0
CO19598+	CO23723	11.58	2 1-	4ACSR	0	0	689	272	12	0	1	0.00	4.22	0
CO1990023513+	CO23723	11.59	1 1-	2ACSR	0	0	688	272	5	0	0	0.00	4.22	0
CO528716087+	CO1990023513	11.64	1 1-	2ACSR	0	0	685	271	5	0	0	0.00	4.22	0
CO19827+	CO23724	11.34	7 1-	4ACSR	0	0	708	275	13	0	1	0.00	4.21	0
CO19829+	CO19827	11.38	6 1-	4ACSR	0	0	704	275	11	0	1	0.00	4.21	0
CO19830+	CO19829	11.45	6 1-	4ACSR	0	0	699	274	11	0	1	0.00	4.22	0
CO19828+	CO19830	11.51	6 1-	4ACSR	0	0	694	273	11	0	1	0.00	4.22	0
CO19839+	CO19828	11.60	0 1-	4ACSR	0	0	687	272	0	0	0	0.00	4.22	0
CO19838+	CO19839	11.68	0 1-	4ACSR	0	0	680	270	0	0	0	0.00	4.22	0
CO19826+	CO19828	11.59	4 1-	4ACSR	0	0	687	272	7	0	0	0.00	4.22	0
CO19821+	CO19826	11.69	3 1-	4ACSR	0	0	680	270	4	0	0	0.00	4.22	0
CO19825+	CO19821	11.73	2 1-	4ACSR	0	0	676	270	3	0	0	0.00	4.22	0
CO19822+	CO19825	11.98	1 1-	4ACSR	0	0	657	266	2	0	0	0.00	4.22	0
CO19824+	CO19822	12.12	1 1-	4ACSR	0	0	647	264	2	0	0	0.00	4.22	0
CO19823+	CO19824	12.15	1 1-	4ACSR	0	0	645	264	2	0	0	0.00	4.22	0
CO19801+	CO19823	12.22	0 1-	4ACSR	0	0	640	263	0	0	0	0.00	4.22	0
CO19837+	CO19823	12.18	0 1-	4ACSR	0	0	643	263	0	0	0	0.00	4.22	0
CO19836+	CO19837	12.22	0 1-	4ACSR	0	0	640	263	0	0	0	0.00	4.22	0
CO19835+	CO19823	12.25	1 1-	4ACSR	0	0	638	262	2	0	0	0.00	4.22	0
CO19834+	CO19835	12.28	1 1-	4ACSR	0	0	636	262	2	0	0	0.00	4.22	0
CO19507+	CO19503	10.76	6 1-	4ACSR	0	0	759	284	11	0	1	0.00	4.17	0
CO19505+	CO19507	10.86	6 1-	4ACSR	0	0	750	283	11	0	1	0.00	4.17	0
CO19506+	CO19505	10.89	6 1-	4ACSR	0	0	747	282	11	0	1	0.00	4.17	0
CO23725+	CO19506	11.01	4 1-	4ACSR	0	0	736	280	8	0	0	0.00	4.18	0
CO19809+	CO23725	11.09	4 1-	4ACSR	0	0	729	279	8	0	0	0.00	4.18	0
CO19808+	CO19809	11.13	3 1-	4ACSR	0	0	726	279	7	0	0	0.00	4.18	0
CO19844+	CO19808	11.22	1 1-	4ACSR	0	0	718	277	3	0	0	0.00	4.18	0
CO19843+	CO19844	11.29	1 1-	4ACSR	0	0	712	276	3	0	0	0.00	4.18	0
CO19842+	CO19808	11.17	1 1-	4ACSR	0	0	722	278	1	0	0	0.00	4.18	0
CO19841+	CO19842	11.24	1 1-	4ACSR	0	0	716	277	1	0	0	0.00	4.18	0
CO19550+	CO19455	10.21	611 3-	1/0ACSR	1037	968	816	294	2371	54	24	0.06	4.18	232
CO19549+	CO19550	10.26	611 3-	1/0ACSR	1033	965	813	294	2370	54	24	0.02	4.20	80
CO30680+	CO19549	10.40	609 3-	1/0ACSR	1022	954	803	293	2363	55	24	0.07	4.26	243
CO19543+	CO30680	10.47	608 3-	1/0ACSR	1016	949	797	292	2360	55	24	0.04	4.30	135
CO19547+	CO19543	10.54	607 3-	1/0ACSR	1011	944	793	291	2350	55	24	0.03	4.33	113

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19546+	CO19547	10.61	606 3-	1/0ACSR	1005	939	788	291	2348	55	24	0.03	4.37	123
CO19544+	CO19546	10.74	606 3-	1/0ACSR	995	930	779	290	2348	55	24	0.07	4.44	236
CO19545+	CO19544	10.79	605 3-	1/0ACSR	991	926	775	289	2340	55	24	0.03	4.46	94
CO19456+	CO19545	10.97	595 3-	1/0ACSR	978	914	764	288	2302	54	24	0.09	4.55	296
CO19579+	CO19456	10.98	594 3-	1/0ACSR	977	913	763	288	2294	54	24	0.01	4.56	23
CO19576+	CO19579	11.01	594 3-	1/0ACSR	974	911	761	287	2294	54	24	0.01	4.57	47
CO19578+	CO19576	11.03	593 3-	1/0ACSR	973	909	759	287	2285	54	24	0.01	4.58	43
CO19577+	CO19578	11.08	592 3-	1/0ACSR	969	906	756	287	2277	54	24	0.02	4.60	78
CO19571+	CO19577	11.23	589 3-	1/0ACSR	958	895	747	286	2267	53	23	0.08	4.68	258
CO19572+	CO19571	11.28	588 3-	1/0ACSR	955	893	744	285	2263	53	23	0.02	4.70	67
CO19570+	CO19572	11.29	588 3-	1/0ACSR	954	892	743	285	2262	53	23	0.01	4.71	29
CO19569+	CO19570	11.44	586 3-	1/0ACSR	943	882	734	284	2250	53	23	0.07	4.78	236
CO19466+	CO19569	11.55	1 1-	4ACSR	0	0	725	282	5	0	0	0.00	4.78	0
CO19573+	CO19569	11.49	585 3-	1/0ACSR	940	879	731	283	2244	53	23	0.02	4.80	81
CO19575+	CO19573	11.52	585 3-	1/0ACSR	938	877	729	283	2244	53	23	0.01	4.81	46
CO30551+	CO19575	11.57	583 3-	1/0ACSR	934	874	726	283	2227	52	23	0.03	4.84	87
CO19574+	CO30551	11.58	583 3-	1/0ACSR	934	873	725	283	2227	52	23	0.01	4.85	18
CO19468+	CO19574	11.68	1 1-	4ACSR	0	0	718	281	3	0	0	0.00	4.85	0
CO19467+	CO19574	11.70	1 1-	4ACSR	0	0	715	281	7	0	0	0.00	4.85	0
CO19557+	CO19574	11.73	581 3-	1/0ACSR	923	864	717	281	2216	52	23	0.07	4.92	236
CO19559+	CO19557	11.75	581 3-	1/0ACSR	922	862	715	281	2215	52	23	0.01	4.93	37
CO19558+	CO19559	11.87	581 3-	1/0ACSR	914	855	709	280	2215	52	23	0.06	4.98	187
CO19469+	CO19558	12.00	1 1-	4ACSR	0	0	698	278	6	0	0	0.00	4.98	0
CO19560+	CO19558	11.92	580 3-	1/0ACSR	910	852	706	280	2208	52	23	0.03	5.01	87
CO19621+	CO19560	11.96	580 3-	1/0ACSR	908	850	704	280	2208	52	23	0.02	5.02	51
CO19475+	CO19621	11.97	2 1-	2ACSR	0	0	703	279	10	0	0	0.00	5.02	0
CO19622+	CO19621	12.14	578 3-	1/0ACSR	897	839	694	278	2198	52	23	0.09	5.11	284
CO19608+	CO19622	12.17	2 1-	4ACSR	0	0	691	278	10	0	0	0.00	5.11	0
CO19610+	CO19608	12.18	2 1-	4ACSR	0	0	690	277	10	0	0	0.00	5.11	0
CO19609+	CO19610	12.22	2 1-	4ACSR	0	0	687	277	10	0	0	0.00	5.11	0
CO19457+	CO19622	12.20	576 3-	1/0ACSR	893	835	691	278	2187	52	23	0.03	5.14	93
CO19562+	CO19457	12.23	576 3-	1/0ACSR	891	833	689	277	2186	52	23	0.02	5.15	59
CO19561+	CO19562	12.27	576 3-	1/0ACSR	888	831	686	277	2186	52	23	0.02	5.17	63
CO19564+	CO19561	12.41	569 3-	1/0ACSR	880	823	679	276	2153	51	22	0.06	5.24	204
CO19472+	CO19564	12.47	1 1-	2ACSR	0	0	676	275	3	0	0	0.00	5.24	0
CO19563+	CO19564	12.52	567 3-	1/0ACSR	873	817	674	275	2143	51	22	0.05	5.29	162
CO19616+	CO19563	12.60	3 1-	4ACSR	0	0	667	274	22	1	1	0.00	5.29	0
CO19618+	CO19616	12.63	2 1-	4ACSR	0	0	665	273	10	0	1	0.00	5.29	0
CO19617+	CO19618	12.67	2 1-	4ACSR	0	0	663	273	10	0	1	0.00	5.29	0
CO19568+	CO19563	12.57	564 3-	1/0ACSR	870	814	671	275	2120	50	22	0.02	5.31	79
CO19565+	CO19568	12.68	564 3-	1/0ACSR	863	808	666	274	2119	50	22	0.05	5.36	155
CO19567+	CO19565	12.91	564 3-	1/0ACSR	850	796	654	272	2119	50	22	0.11	5.46	341
CO19566+	CO19567	12.98	564 3-	1/0ACSR	846	792	651	272	2117	50	22	0.03	5.50	102
CO23735+	CO19566	13.31	498 3-	1/0ACSR	827	775	635	269	1922	45	20	0.14	5.63	403
CO23761+	CO23735	13.36	496 3-	1/0ACSR	824	772	633	269	1919	45	20	0.02	5.66	63
CO19107+	CO23761	13.49	495 3-	1/0ACSR	817	766	627	268	1918	45	20	0.05	5.71	153
CO19108+	CO19107	13.52	108 1-	4ACSR	0	0	625	267	393	28	20	0.02	5.73	14
CO19109+	CO19108	13.56	107 1-	4ACSR	0	0	622	267	383	27	20	0.02	5.75	14
CO19153+	CO19109	13.57	107 1-	4ACSR	0	0	622	267	383	27	20	0.00	5.76	3
OC575+	CO19153	13.57	107 1-	50 H OCR	0	0	622	267	383	27	55	0.00	5.76	0
CO19154+	OC575	13.64	107 1-	4ACSR	0	0	617	266	383	27	20	0.05	5.80	29
CO19115+	CO19154	13.71	106 1-	4ACSR	0	0	613	265	370	26	19	0.04	5.85	26

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19042+	CO19115	13.75	2 1-	4ACSR	0	0	610	264	0	0	0	0.00	5.85	0
CO19113+	CO19115	13.81	102 1-	4ACSR	0	0	607	263	360	25	18	0.05	5.90	32
CO19114+	CO19113	13.90	100 1-	4ACSR	0	0	601	262	342	24	17	0.05	5.95	28
CO19112+	CO19114	13.96	98 1-	4ACSR	0	0	598	261	331	23	17	0.03	5.98	17
CO19111+	CO19112	14.04	98 1-	4ACSR	0	0	593	260	331	23	17	0.04	6.03	24
CO19110+	CO19111	14.10	96 1-	4ACSR	0	0	589	259	325	23	17	0.03	6.06	19
CO19038+	CO19110	14.28	94 1-	4ACSR	0	0	579	257	319	22	16	0.09	6.15	50
CO19074+	CO19038	14.48	1 1-	4ACSR	0	0	568	254	1	0	0	0.00	6.15	0
CO19073+	CO19074	14.56	1 1-	4ACSR	0	0	564	253	1	0	0	0.00	6.15	0
CO19066+	CO19038	14.36	93 1-	4ACSR	0	0	574	256	317	22	16	0.04	6.20	23
CO19067+	CO19066	14.50	93 1-	4ACSR	0	0	567	254	317	22	16	0.07	6.27	39
CO19068+	CO19067	14.62	93 1-	4ACSR	0	0	561	253	317	22	16	0.06	6.33	31
CO19045+	CO19068	14.71	1 1-	4ACSR	0	0	555	251	1	0	0	0.00	6.33	0
CO19044+	CO19068	14.72	1 1-	4ACSR	0	0	555	251	1	0	0	0.00	6.33	0
CO19043+	CO19068	14.78	1 1-	4ACSR	0	0	552	251	6	0	0	0.00	6.33	0
CO19039+	CO19068	14.87	90 1-	4ACSR	0	0	547	249	309	22	16	0.13	6.46	66
CO19046+	CO19039	14.95	0 1-	4ACSR	0	0	543	248	0	0	0	0.00	6.46	0
CO19123+	CO19039	14.89	90 1-	4ACSR	0	0	546	249	308	22	16	0.01	6.47	6
CO19122+	CO19123	14.93	1 1-	2ACSR	0	0	544	249	2	0	0	0.00	6.47	0
CO19121+	CO19123	15.00	87 1-	4ACSR	0	0	541	248	293	21	15	0.05	6.52	25
CO19040+	CO19121	15.16	84 1-	4ACSR	0	0	533	246	272	19	14	0.07	6.59	32
CO19119+	CO19040	15.29	83 1-	4ACSR	0	0	526	244	272	19	14	0.06	6.65	27
CO19120+	CO19119	15.43	80 1-	4ACSR	0	0	519	243	268	19	14	0.06	6.71	28
CO19055+	CO19120	15.47	2 1-	2ACSR	0	0	518	242	17	1	1	0.00	6.72	0
CO19099+	CO19120	15.54	78 1-	4ACSR	0	0	514	242	251	18	13	0.04	6.76	18
CO19047+	CO19099	15.62	1 1-	4ACSR	0	0	510	241	0	0	0	0.00	6.76	0
CO19117+	CO19099	15.60	77 1-	4ACSR	0	0	511	241	251	18	13	0.03	6.79	11
CO19118+	CO19117	15.67	75 1-	4ACSR	0	0	508	240	241	17	12	0.03	6.81	11
CO19116+	CO19118	15.81	74 1-	4ACSR	0	0	502	238	239	17	12	0.06	6.87	23
CO19096+	CO19116	15.88	74 1-	4ACSR	0	0	499	238	239	17	12	0.03	6.90	10
CO19048+	CO19096	15.94	1 1-	4ACSR	0	0	496	237	0	0	0	0.00	6.90	0
CO19125+	CO19096	15.96	72 1-	4ACSR	0	0	495	237	225	16	12	0.03	6.93	11
CO23792+	CO19125	16.12	71 1-	4ACSR	0	0	488	235	220	15	11	0.06	6.98	21
CO17530+	CO23792	16.16	0 1-	4ACSR	0	0	487	234	0	0	0	0.00	6.98	0
CO17573+	CO23792	16.30	70 1-	4ACSR	0	0	481	233	215	15	11	0.06	7.05	23
CO17574+	CO17573	16.40	70 1-	4ACSR	0	0	477	232	215	15	11	0.04	7.08	13
CO17526+	CO17574	16.49	69 1-	4ACSR	0	0	473	231	215	15	11	0.03	7.11	11
CO17569+	CO17526	16.58	67 1-	4ACSR	0	0	469	230	213	15	11	0.03	7.15	12
CO17570+	CO17569	16.67	66 1-	4ACSR	0	0	466	229	208	15	11	0.03	7.18	11
CO17546+	CO17570	16.85	2 1-	4ACSR	0	0	459	227	3	0	0	0.00	7.18	0
CO17575+	CO17546	16.88	1 1-	4ACSR	0	0	458	227	2	0	0	0.00	7.18	0
CO17576+	CO17575	16.96	1 1-	4ACSR	0	0	455	226	2	0	0	0.00	7.18	0
CO17536+	CO17575	16.92	0 1-	2ACSR	0	0	457	227	0	0	0	0.00	7.18	0
CO17556+	CO17570	16.82	64 1-	4ACSR	0	0	460	227	205	14	11	0.05	7.23	17
CO17571+	CO17556	17.12	62 1-	4ACSR	0	0	449	224	202	14	10	0.10	7.33	33
CO17572+	CO17571	17.39	61 1-	4ACSR	0	0	439	222	199	14	10	0.09	7.42	30
CO17557+	CO17572	17.74	59 1-	4ACSR	0	0	427	218	196	14	10	0.11	7.53	37
CO17558+	CO17557	17.90	55 1-	4ACSR	0	0	422	217	188	13	10	0.05	7.58	16
CO17559+	CO17558	17.93	54 1-	4ACSR	0	0	421	217	187	13	10	0.01	7.59	3
CO17537+	CO17559	17.99	54 1-	4ACSR	0	0	419	216	187	13	10	0.02	7.61	5
CO17528+	CO17537	18.13	11 1-	4ACSR	0	0	414	215	35	2	2	0.01	7.62	0
CO17560+	CO17528	18.15	9 1-	4ACSR	0	0	414	215	29	2	1	0.00	7.62	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17561+	CO17560	18.18	8 1-	4ACSR	0	0	413	214	23	1	1	0.00	7.62	0
CO17539+	CO17561	18.25	6 1-	4ACSR	0	0	411	214	16	1	1	0.00	7.62	0
CO17540+	CO17539	18.33	5 1-	4ACSR	0	0	408	213	15	1	1	0.00	7.62	0
CO17541+	CO17540	18.38	5 1-	4ACSR	0	0	406	212	15	1	1	0.00	7.62	0
CO17564+	CO17541	18.42	4 1-	4ACSR	0	0	405	212	11	0	1	0.00	7.62	0
CO17565+	CO17564	18.48	2 1-	4ACSR	0	0	404	212	8	0	0	0.00	7.62	0
CO17566+	CO17565	18.52	1 1-	4ACSR	0	0	402	211	3	0	0	0.00	7.62	0
CO17542+	CO17566	18.55	1 1-	4ACSR	0	0	402	211	3	0	0	0.00	7.62	0
CO17543+	CO17542	18.76	1 1-	4ACSR	0	0	395	209	3	0	0	0.00	7.63	0
CO17579+	CO17543	18.89	0 1-	4ACSR	0	0	392	208	0	0	0	0.00	7.63	0
CO17533+	CO17528	18.19	2 1-	4ACSR	0	0	413	214	7	0	0	0.00	7.62	0
CO1481304749+	CO17533	18.23	1 1-	2ACSR	0	0	412	214	6	0	0	0.00	7.62	0
CO17527+	CO17537	18.10	42 1-	4ACSR	0	0	415	215	139	10	7	0.03	7.63	6
CO17577+	CO17527	18.11	37 1-	4ACSR	0	0	415	215	126	9	7	0.00	7.64	0
OC537+	CO17577	18.11	37 1-	25 H OCR	0	0	415	215	126	9	37	0.00	7.64	0
CO17578+	OC537	18.19	37 1-	4ACSR	0	0	412	214	126	9	7	0.02	7.65	3
CO17562+	CO17578	18.28	36 1-	4ACSR	0	0	410	213	119	8	6	0.02	7.67	4
CO17538+	CO17562	18.30	36 1-	4ACSR	0	0	409	213	119	8	6	0.00	7.67	0
CO17563+	CO17538	18.40	31 1-	4ACSR	0	0	406	212	101	7	5	0.02	7.69	3
CO23836+	CO17563	18.48	30 1-	4ACSR	0	0	404	212	101	7	5	0.01	7.70	2
CO17352+	CO23836	18.64	29 1-	4ACSR	0	0	399	210	99	7	5	0.03	7.73	4
CO17353+	CO17352	18.79	27 1-	4ACSR	0	0	394	209	95	6	5	0.02	7.75	4
CO17319+	CO17353	18.91	1 1-	4ACSR	0	0	391	208	6	0	0	0.00	7.75	0
CO17358+	CO17353	18.90	26 1-	4ACSR	0	0	391	208	88	6	5	0.02	7.77	2
CO17327+	CO17358	18.97	3 1-	2ACSR	0	0	390	208	3	0	0	0.00	7.77	0
CO17359+	CO17358	18.98	23 1-	4ACSR	0	0	389	207	86	6	4	0.01	7.78	0
CO17318+	CO17359	19.24	22 1-	4ACSR	0	0	382	205	83	6	4	0.04	7.82	5
CO17356+	CO17318	19.40	17 1-	4ACSR	0	0	377	204	67	4	3	0.02	7.84	0
CO17357+	CO17356	19.55	16 1-	4ACSR	0	0	374	203	67	4	3	0.01	7.85	0
CO17354+	CO17357	19.68	14 1-	4ACSR	0	0	370	201	51	3	3	0.01	7.86	0
CO17328+	CO17354	19.74	13 1-	4ACSR	0	0	368	201	49	3	3	0.01	7.87	0
CO17329+	CO17328	19.81	13 1-	4ACSR	0	0	367	200	49	3	3	0.00	7.87	0
CO17342+	CO17329	19.98	0 1-	4ACSR	0	0	363	199	0	0	0	0.00	7.87	0
CO17343+	CO17342	20.07	0 1-	4ACSR	0	0	360	198	0	0	0	0.00	7.87	0
CO17330+	CO17329	19.99	12 1-	4ACSR	0	0	362	199	43	3	2	0.01	7.88	0
CO17331+	CO17330	20.20	10 1-	4ACSR	0	0	357	197	40	2	2	0.01	7.90	0
CO17332+	CO17331	20.29	7 1-	4ACSR	0	0	355	197	33	2	2	0.00	7.90	0
CO17333+	CO17332	20.43	5 1-	4ACSR	0	0	352	196	26	1	1	0.01	7.91	0
CO17348+	CO17333	20.53	1 1-	4ACSR	0	0	349	195	6	0	0	0.00	7.91	0
CO17349+	CO17348	20.62	1 1-	4ACSR	0	0	347	194	6	0	0	0.00	7.91	0
CO17350+	CO17349	20.68	1 1-	4ACSR	0	0	346	194	6	0	0	0.00	7.91	0
CO17351+	CO17350	20.74	1 1-	4ACSR	0	0	345	193	6	0	0	0.00	7.91	0
CO17338+	CO17333	20.56	3 1-	4ACSR	0	0	349	195	16	1	1	0.00	7.91	0
CO17339+	CO17338	20.75	3 1-	4ACSR	0	0	344	193	16	1	1	0.00	7.92	0
CO17344+	CO17339	20.82	1 1-	4ACSR	0	0	343	193	9	0	0	0.00	7.92	0
CO17345+	CO17344	20.89	1 1-	4ACSR	0	0	341	192	9	0	0	0.00	7.92	0
CO17346+	CO17345	20.97	1 1-	4ACSR	0	0	340	192	9	0	0	0.00	7.92	0
CO17347+	CO17346	21.02	1 1-	4ACSR	0	0	338	191	9	0	0	0.00	7.92	0
CO17325+	CO17339	20.82	1 1-	4ACSR	0	0	343	193	6	0	0	0.00	7.92	0
CO17324+	CO17339	20.81	1 1-	4ACSR	0	0	343	193	1	0	0	0.00	7.92	0
CO1359889549+	CO17324	20.91	0 1-	2ACSR	0	0	341	192	0	0	0	0.00	7.92	0
CO-207059930+	CO1359889549	20.97	0 1-	2ACSR	0	0	340	192	0	0	0	0.00	7.92	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-1337219508+	CO-207059930	21.02	0 1-	2ACSR	0	0	339	192	0	0	0	0.00	7.92	0
CO-1741950953+	CO-1337219508	21.09	0 1-	2ACSR	0	0	338	191	0	0	0	0.00	7.92	0
CO17323+	CO17354	19.72	0 1-	4ACSR	0	0	369	201	0	0	0	0.00	7.86	0
CO17322+	CO17354	19.77	1 1-	4ACSR	0	0	368	201	2	0	0	0.00	7.86	0
CO17326+	CO17318	19.35	1 1-	4ACSR	0	0	379	204	1	0	0	0.00	7.82	0
CO17321+	CO17318	19.34	2 1-	4ACSR	0	0	379	204	2	0	0	0.00	7.82	0
CO17320+	CO17318	19.39	2 1-	4ACSR	0	0	378	204	13	0	1	0.00	7.82	0
CO2064800240+	CO17320	19.43	1 1-	2ACSR	0	0	377	204	11	0	0	0.00	7.82	0
CO17340+	CO17359	19.11	1 1-	4ACSR	0	0	385	206	2	0	0	0.00	7.78	0
CO17341+	CO17340	19.18	0 1-	4ACSR	0	0	383	206	0	0	0	0.00	7.78	0
CO17529+	CO17538	18.44	4 1-	4ACSR	0	0	405	212	8	0	0	0.00	7.68	0
CO17535+	CO17529	18.50	1 1-	4ACSR	0	0	403	211	0	0	0	0.00	7.68	0
CO17567+	CO17529	18.73	3 1-	4ACSR	0	0	396	209	8	0	0	0.00	7.68	0
CO17568+	CO17567	18.77	3 1-	4ACSR	0	0	395	209	8	0	0	0.00	7.68	0
CO23837+	CO17568	18.87	3 1-	4ACSR	0	0	392	208	8	0	0	0.00	7.68	0
CO17355+	CO23837	19.09	1 1-	4ACSR	0	0	386	206	3	0	0	0.00	7.68	0
CO17360+	CO17355	19.24	1 1-	4ACSR	0	0	382	205	3	0	0	0.00	7.68	0
CO17337+	CO17360	19.42	1 1-	4ACSR	0	0	377	204	3	0	0	0.00	7.68	0
CO17534+	CO17527	18.18	1 1-	4ACSR	0	0	413	214	5	0	0	0.00	7.64	0
CO17551+	CO17527	18.26	2 1-	4ACSR	0	0	410	214	6	0	0	0.00	7.64	0
CO17552+	CO17551	18.30	2 1-	4ACSR	0	0	409	213	6	0	0	0.00	7.64	0
CO17553+	CO17552	18.40	2 1-	4ACSR	0	0	406	212	6	0	0	0.00	7.64	0
CO17554+	CO17553	18.44	1 1-	4ACSR	0	0	405	212	6	0	0	0.00	7.64	0
CO17555+	CO17554	18.50	1 1-	4ACSR	0	0	403	211	6	0	0	0.00	7.64	0
CO17547+	CO17557	17.87	3 1-	4ACSR	0	0	423	217	6	0	0	0.00	7.53	0
CO17548+	CO17547	17.91	1 1-	4ACSR	0	0	421	217	0	0	0	0.00	7.53	0
CO17549+	CO17548	18.06	1 1-	4ACSR	0	0	417	215	0	0	0	0.00	7.53	0
CO17550+	CO17549	18.20	1 1-	4ACSR	0	0	412	214	0	0	0	0.00	7.53	0
CO17531+	CO17526	16.54	2 1-	4ACSR	0	0	471	230	2	0	0	0.00	7.11	0
CO17532+	CO17574	16.46	1 1-	4ACSR	0	0	474	231	0	0	0	0.00	7.08	0
CO19079+	CO19040	15.19	1 1-	4ACSR	0	0	531	246	0	0	0	0.00	6.59	0
CO19080+	CO19079	15.28	0 1-	4ACSR	0	0	527	245	0	0	0	0.00	6.59	0
CO19075+	CO19121	15.03	3 1-	4ACSR	0	0	539	247	21	1	1	0.00	6.52	0
CO19076+	CO19075	15.15	3 1-	4ACSR	0	0	533	246	21	1	1	0.00	6.53	0
CO19077+	CO19076	15.21	2 1-	4ACSR	0	0	530	245	14	0	1	0.00	6.53	0
CO19078+	CO19077	15.26	1 1-	4ACSR	0	0	527	245	7	0	0	0.00	6.53	0
CO19070+	CO19110	14.19	2 1-	4ACSR	0	0	584	258	6	0	0	0.00	6.06	0
CO19071+	CO19070	14.27	1 1-	4ACSR	0	0	580	257	6	0	0	0.00	6.06	0
CO19072+	CO19071	14.36	1 1-	4ACSR	0	0	575	256	6	0	0	0.00	6.06	0
CO19097+	CO19107	13.54	387 3-	1/0ACSR	815	763	625	267	1525	36	16	0.02	5.72	37
CO23762+	CO19097	13.66	387 3-	1/0ACSR	809	758	619	266	1524	36	16	0.04	5.76	91
CO19300+	CO23762	13.75	386 3-	1/0ACSR	804	753	616	266	1522	36	16	0.03	5.79	68
CO19301+	CO19300	13.77	386 3-	1/0ACSR	803	752	614	266	1522	36	16	0.01	5.80	20
CO19409+	CO19301	13.79	385 3-	1/0ACSR	801	751	614	265	1520	36	16	0.01	5.81	16
CO19410+	CO19409	13.82	384 3-	1/0ACSR	800	750	613	265	1509	36	16	0.01	5.81	17
CO19443+	CO19410	13.82	383 3-	1/0ACSR	800	750	612	265	1496	35	16	0.00	5.82	5
OC583+	CO19443	13.82	383 3-	70 E OCR	800	750	612	265	1496	35	51	0.00	5.82	0
CO19444+	OC583	14.11	383 3-	1/0ACSR	786	736	600	263	1496	35	16	0.09	5.91	209
CO19239+	CO19444	14.22	375 3-	1/0ACSR	780	731	596	262	1474	35	15	0.04	5.95	84
CO-1187315900+	CO19239	14.32	1 1-	2ACSR	0	0	591	261	2	0	0	0.00	5.95	0
CO19303+	CO19239	14.40	373 3-	1/0ACSR	771	723	589	261	1462	35	15	0.06	6.00	125
CO19304+	CO19303	14.47	373 3-	1/0ACSR	768	720	586	261	1462	35	15	0.02	6.03	54

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19302+	CO19304	14.66	373 3-	1/0ACSR	759	712	578	259	1462	35	15	0.06	6.09	135
CO19265+	CO19302	14.73	0 1-	4ACSR	0	0	575	258	0	0	0	0.00	6.09	0
CO19240+	CO19302	14.73	373 3-	1/0ACSR	756	709	576	259	1461	35	15	0.02	6.11	44
CO19266+	CO19240	14.78	2 1-	4ACSR	0	0	573	258	10	0	0	0.00	6.11	0
CO19242+	CO19240	14.86	371 3-	1/0ACSR	749	703	571	258	1451	34	15	0.04	6.15	94
CO19297+	CO19242	14.92	1 1-	2ACSR	0	0	568	257	3	0	0	0.00	6.15	0
CO19243+	CO19242	14.96	366 3-	1/0ACSR	745	699	567	257	1428	34	15	0.03	6.18	62
CO19380+	CO19243	15.00	4 1-	4ACSR	0	0	565	257	11	0	1	0.00	6.18	0
CO19381+	CO19380	15.03	4 1-	4ACSR	0	0	563	256	11	0	1	0.00	6.18	0
CO19367+	CO19243	15.06	4 1-	1/0ACSR	0	0	564	256	22	1	1	0.00	6.18	0
CO19368+	CO19367	15.18	2 1-	1/0ACSR	0	0	559	256	11	0	0	0.00	6.18	0
CO1984648975+	CO19368	15.20	0 1-	2ACSR	0	0	558	255	0	0	0	0.00	6.18	0
CO19369+	CO19368	15.31	0 1-	1/0ACSR	0	0	554	255	0	0	0	0.00	6.18	0
CO19244+	CO19243	15.09	358 3-	1/0ACSR	739	694	562	256	1395	33	15	0.04	6.22	85
CO19276+	CO19244	15.13	1 1-	4ACSR	0	0	560	256	6	0	0	0.00	6.22	0
CO19268+	CO19244	15.16	1 1-	4ACSR	0	0	558	255	2	0	0	0.00	6.22	0
CO19245+	CO19244	15.21	356 3-	1/0ACSR	734	689	558	255	1387	33	15	0.04	6.25	79
CO19269+	CO19245	15.27	1 1-	4ACSR	0	0	555	255	6	0	0	0.00	6.25	0
CO19310+	CO19245	15.26	355 3-	1/0ACSR	732	687	556	255	1381	33	14	0.02	6.27	32
CO19311+	CO19310	15.33	354 3-	1/0ACSR	729	684	554	255	1380	33	14	0.02	6.29	43
CO19309+	CO19311	15.42	353 3-	1/0ACSR	725	681	551	254	1377	33	14	0.03	6.31	55
CO19308+	CO19309	15.54	353 3-	1/0ACSR	720	676	546	253	1377	33	14	0.04	6.35	78
CO19307+	CO19308	15.63	353 3-	1/0ACSR	716	672	543	252	1376	33	14	0.03	6.38	58
CO19306+	CO19307	15.75	353 3-	1/0ACSR	711	668	539	252	1376	33	14	0.03	6.41	74
CO19305+	CO19306	15.82	353 3-	1/0ACSR	708	665	537	251	1376	33	14	0.02	6.44	46
CO19370+	CO19305	15.93	1 1-	4ACSR	0	0	531	250	3	0	0	0.00	6.44	0
CO19371+	CO19370	15.96	1 1-	4ACSR	0	0	530	249	3	0	0	0.00	6.44	0
CO19411+	CO19305	15.87	352 3-	1/0ACSR	706	663	535	251	1373	33	14	0.01	6.45	27
CO19412+	CO19411	15.93	351 3-	1/0ACSR	703	661	533	250	1371	33	14	0.02	6.47	43
CO19413+	CO19412	16.02	350 3-	1/0ACSR	700	658	530	250	1368	32	14	0.02	6.49	51
CO19414+	CO19413	16.08	349 3-	1/0ACSR	698	655	528	249	1361	32	14	0.02	6.51	38
CO19246+	CO19414	16.17	347 3-	1/0ACSR	694	652	525	249	1356	32	14	0.03	6.54	58
CO19271+	CO19246	16.29	3 1-	4ACSR	0	0	520	247	6	0	0	0.00	6.54	0
CO-885644322+	CO19271	16.35	1 1-	2ACSR	0	0	518	247	1	0	0	0.00	6.54	0
CO19315+	CO19246	16.28	343 3-	1/0ACSR	690	648	522	248	1350	32	14	0.03	6.57	65
CO-2059119804+	CO19315	16.41	0 1-	2ACSR	0	0	517	247	0	0	0	0.00	6.57	0
CO19316+	CO19315	16.36	342 3-	1/0ACSR	687	645	520	248	1346	32	14	0.02	6.59	48
CO19296+	CO19316	16.40	1 1-	1/0AAAC	0	0	518	247	5	0	0	0.00	6.59	0
CO19314+	CO19316	16.48	341 3-	1/0ACSR	682	641	516	247	1341	32	14	0.03	6.63	70
CO19313+	CO19314	16.55	340 3-	1/0ACSR	679	638	514	246	1332	32	14	0.02	6.65	45
CO19312+	CO19313	16.63	335 3-	1/0ACSR	676	636	511	246	1314	31	14	0.02	6.67	44
CO19427+	CO19312	16.70	4 1-	4ACSR	0	0	508	245	14	1	1	0.00	6.67	0
CO19429+	CO19427	16.77	2 1-	4ACSR	0	0	505	244	8	0	0	0.00	6.68	0
CO19430+	CO19429	16.85	1 1-	4ACSR	0	0	502	243	8	0	0	0.00	6.68	0
CO19428+	CO19430	16.92	0 1-	4ACSR	0	0	499	242	0	0	0	0.00	6.68	0
CO19372+	CO19312	16.66	3 1-	4ACSR	0	0	510	246	25	1	1	0.00	6.67	0
CO19373+	CO19372	16.76	2 1-	4ACSR	0	0	505	244	16	1	1	0.00	6.68	0
CO19374+	CO19373	16.81	0 1-	4ACSR	0	0	503	244	0	0	0	0.00	6.68	0
CO19247+	CO19312	16.79	326 3-	1/0ACSR	670	630	506	245	1270	30	13	0.05	6.72	89
CO1619992266+	CO19247	16.86	1 1-	2ACSR	0	0	504	244	2	0	0	0.00	6.72	0
CO19375+	CO19247	16.85	1 1-	4ACSR	0	0	504	244	6	0	0	0.00	6.72	0
CO19376+	CO19375	16.91	1 1-	4ACSR	0	0	501	243	6	0	0	0.00	6.72	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19318+	CO19247	16.89	322 3-	1/0ACSR	667	627	504	244	1249	30	13	0.03	6.74	48
CO19319+	CO19318	16.95	320 3-	1/0ACSR	664	624	502	244	1246	30	13	0.02	6.76	35
CO19317+	CO19319	16.98	319 3-	1/0ACSR	664	624	501	244	1245	30	13	0.01	6.77	12
CO19445+	CO19317	16.99	8 1-	4ACSR	0	0	501	244	22	1	1	0.00	6.77	0
OC579+	CO19445	16.99	8 1-	10 N FUSE	0	0	501	244	22	1	16	0.00	6.77	0
CO19446+	OC579	17.13	8 1-	4ACSR	0	0	495	242	22	1	1	0.01	6.77	0
CO19275+	CO19446	17.24	0 1-	4ACSR	0	0	490	241	0	0	0	0.00	6.77	0
CO19321+	CO19446	17.18	8 1-	4ACSR	0	0	492	241	22	1	1	0.00	6.78	0
CO19322+	CO19321	17.29	7 1-	4ACSR	0	0	488	240	21	1	1	0.00	6.78	0
CO19320+	CO19322	17.36	5 1-	4ACSR	0	0	485	239	19	1	1	0.00	6.78	0
CO19248+	CO19320	17.49	4 1-	4ACSR	0	0	480	238	15	1	1	0.00	6.78	0
CO19273+	CO19248	17.62	2 1-	4ACSR	0	0	475	236	2	0	0	0.00	6.79	0
CO19377+	CO19248	17.55	2 1-	4ACSR	0	0	478	237	13	0	1	0.00	6.79	0
CO19378+	CO19377	17.62	1 1-	4ACSR	0	0	475	236	4	0	0	0.00	6.79	0
CO19379+	CO19378	17.68	0 1-	4ACSR	0	0	473	236	0	0	0	0.00	6.79	0
CO19274+	CO19320	17.43	1 1-	4ACSR	0	0	482	238	4	0	0	0.00	6.78	0
CO19415+	CO19317	17.11	311 3-	1/0ACSR	659	619	497	243	1224	29	13	0.04	6.80	67
CO19416+	CO19415	17.17	308 3-	1/0ACSR	657	617	495	242	1216	29	13	0.02	6.82	30
CO19451+	CO19416	17.36	308 3-	1/0ACSR	650	611	490	241	1216	29	13	0.05	6.87	94
CO19249+	CO19451	17.48	3 1-	4ACSR	0	0	485	240	3	0	0	0.00	6.87	0
CO19278+	CO19249	17.69	1 1-	4ACSR	0	0	477	238	0	0	0	0.00	6.87	0
CO19277+	CO19249	17.57	2 1-	4ACSR	0	0	482	239	3	0	0	0.00	6.87	0
CO19328+	CO19451	17.42	305 3-	1/0ACSR	648	609	488	241	1212	29	13	0.02	6.89	28
CO19329+	CO19328	17.61	305 3-	1/0ACSR	641	603	483	240	1212	29	13	0.05	6.94	93
CO19330+	CO19329	17.66	305 3-	1/0ACSR	640	602	482	239	1212	29	13	0.01	6.95	26
CO19417+	CO19330	17.75	206 3-	1/0ACSR	637	599	479	239	812	19	9	0.02	6.97	20
CO19418+	CO19417	17.82	206 3-	1/0ACSR	635	597	478	238	811	19	9	0.01	6.98	14
CO19419+	CO19418	17.86	204 3-	1/0ACSR	633	595	476	238	804	19	8	0.01	6.99	10
CO19439+	CO19419	17.90	196 3-	1/0ACSR	632	594	475	238	756	18	8	0.01	6.99	7
CO19440+	CO19439	17.94	195 3-	1/0ACSR	631	593	474	238	752	18	8	0.01	7.00	7
CO19258+	CO19440	17.98	193 3-	1/0ACSR	629	592	473	237	740	17	8	0.01	7.00	7
CO19290+	CO19258	18.05	2 1-	4ACSR	0	0	471	237	18	1	1	0.00	7.01	0
CO19291+	CO19290	18.08	1 1-	4ACSR	0	0	470	236	9	0	0	0.00	7.01	0
CO19356+	CO19258	18.03	189 3-	1/0ACSR	627	590	472	237	717	17	8	0.01	7.01	10
CO19357+	CO19356	18.13	189 3-	1/0ACSR	624	587	470	237	717	17	8	0.01	7.03	16
CO19358+	CO19357	18.19	186 3-	1/0ACSR	622	586	468	236	704	17	7	0.01	7.04	10
CO741697535+	CO19358	18.25	1 1-	2ACSR	0	0	466	236	11	0	0	0.00	7.04	0
CO-913401232+	CO741697535	18.30	1 1-	2ACSR	0	0	465	235	11	0	0	0.00	7.04	0
CO-51514709+	CO-913401232	18.35	1 1-	2ACSR	0	0	463	235	11	0	0	0.00	7.04	0
CO-1171653460+	CO-51514709	18.43	1 1-	2ACSR	0	0	461	234	11	0	0	0.00	7.04	0
CO-299984558+	CO-1171653460	18.51	1 1-	2ACSR	0	0	459	234	11	0	0	0.00	7.04	0
CO-164659230+	CO-299984558	18.56	1 1-	2ACSR	0	0	457	233	11	0	0	0.00	7.04	0
CO616544130+	CO-164659230	18.61	1 1-	2ACSR	0	0	456	233	11	0	0	0.00	7.04	0
CO19359+	CO19358	18.22	183 3-	1/0ACSR	621	585	467	236	689	16	7	0.01	7.04	6
CO23727+	CO19359	18.50	183 3-	1/0ACSR	613	577	460	234	689	16	7	0.04	7.08	44
XFMR47	CO23727	18.50	183 3-	167 KVA 1PH AUT	524	502	459	155	689	16	145	1.24	8.33	0
CO19656	XFMR47	18.58	1 1-	4ACSR	0	0	454	155	3	0	0	0.00	8.33	0
CO19638	XFMR47	18.60	182 3-	1/0ACSR	520	498	454	155	687	33	15	0.06	8.39	68
CO19639	CO19638	18.78	176 3-	1/0ACSR	514	491	446	154	657	32	14	0.10	8.49	101
CO19795	CO19639	18.78	21 1-	4ACSR	0	0	446	154	67	9	7	0.00	8.50	0
OC593	CO19795	18.78	21 1-	15 H OCR	0	0	446	154	67	9	65	0.00	8.50	0
CO19796	OC593	18.82	21 1-	4ACSR	0	0	444	154	67	9	7	0.02	8.52	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19710	CO19796	18.86	20 1-	4ACSR	0	0	442	153	66	9	7	0.02	8.53	0
CO19711	CO19710	18.94	20 1-	4ACSR	0	0	437	153	66	9	7	0.03	8.57	4
CO19712	CO19711	19.01	19 1-	4ACSR	0	0	434	152	63	9	7	0.03	8.60	3
CO19666	CO19712	19.06	2 1-	4ACSR	0	0	431	151	4	0	0	0.00	8.60	0
CO19648	CO19712	19.11	15 1-	4ACSR	0	0	428	151	54	7	6	0.03	8.63	3
CO19746	CO19648	19.15	3 1-	4ACSR	0	0	426	151	10	1	1	0.00	8.63	0
CO19747	CO19746	19.18	1 1-	4ACSR	0	0	424	150	0	0	0	0.00	8.63	0
CO539283679	CO19747	19.24	1 1-	2ACSR	0	0	421	150	0	0	0	0.00	8.63	0
CO19715	CO19648	19.16	9 1-	4ACSR	0	0	425	151	33	4	3	0.01	8.64	0
CO19716	CO19715	19.18	7 1-	4ACSR	0	0	424	150	20	2	2	0.00	8.64	0
CO19714	CO19716	19.24	6 1-	4ACSR	0	0	421	150	20	2	2	0.01	8.65	0
CO19713	CO19714	19.29	6 1-	4ACSR	0	0	419	149	20	2	2	0.01	8.65	0
CO19767	CO19713	19.34	3 1-	4ACSR	0	0	416	149	9	1	1	0.00	8.66	0
CO23728	CO19767	19.42	1 1-	4ACSR	0	0	412	148	3	0	0	0.00	8.66	0
CO19360	CO23728	19.55	1 1-	4ACSR	0	0	405	147	3	0	0	0.00	8.66	0
CO19361	CO19360	19.62	1 1-	4ACSR	0	0	402	147	3	0	0	0.00	8.66	0
CO19362	CO19361	19.68	1 1-	4ACSR	0	0	399	146	3	0	0	0.00	8.66	0
CO19667	CO19713	19.33	1 1-	4ACSR	0	0	416	149	5	0	1	0.00	8.66	0
CO19793	CO19639	18.78	50 1-	4ACSR	0	0	446	154	184	26	19	0.01	8.49	3
OC592	CO19793	18.78	50 1-	50 H OCR	0	0	446	154	184	26	54	0.00	8.49	0
CO19794	OC592	18.86	50 1-	4ACSR	0	0	442	153	184	26	19	0.09	8.59	30
CO19669	CO19794	18.90	0 1-	4ACSR	0	0	440	153	0	0	0	0.00	8.59	0
CO19662	CO19794	18.93	1 1-	4ACSR	0	0	438	153	7	1	1	0.00	8.59	0
CO19702	CO19794	18.91	42 1-	4ACSR	0	0	439	153	164	24	17	0.06	8.65	17
CO19703	CO19702	18.95	42 1-	4ACSR	0	0	437	152	164	24	17	0.04	8.69	11
CO19647	CO19703	19.07	39 1-	4ACSR	0	0	430	151	158	23	17	0.13	8.81	33
CO19640	CO19647	19.13	33 1-	4ACSR	0	0	427	151	141	20	15	0.06	8.87	14
CO19641	CO19640	19.18	10 1-	4ACSR	0	0	424	150	41	6	4	0.01	8.88	0
CO19773	CO19641	19.26	3 1-	4ACSR	0	0	420	150	11	1	1	0.00	8.88	0
CO19774	CO19773	19.33	1 1-	4ACSR	0	0	416	149	1	0	0	0.00	8.88	0
CO19642	CO19641	19.22	7 1-	4ACSR	0	0	422	150	30	4	3	0.01	8.89	0
CO19643	CO19642	19.27	4 1-	4ACSR	0	0	420	150	13	1	1	0.00	8.89	0
CO19657	CO19643	19.34	0 1-	4ACSR	0	0	416	149	0	0	0	0.00	8.89	0
CO19733	CO19643	19.34	4 1-	4ACSR	0	0	416	149	13	1	1	0.01	8.90	0
CO19734	CO19733	19.42	2 1-	4ACSR	0	0	412	148	8	1	1	0.00	8.90	0
CO19735	CO19734	19.53	1 1-	4ACSR	0	0	406	147	2	0	0	0.00	8.90	0
CO19736	CO19642	19.31	3 1-	4ACSR	0	0	418	149	17	2	2	0.01	8.90	0
CO19737	CO19736	19.38	1 1-	4ACSR	0	0	414	149	4	0	0	0.00	8.90	0
CO19658	CO19640	19.21	1 1-	4ACSR	0	0	423	150	2	0	0	0.00	8.87	0
CO19644	CO19640	19.41	22 1-	4ACSR	0	0	412	148	97	14	10	0.18	9.05	30
CO30552	CO19644	19.46	21 1-	4ACSR	0	0	409	148	94	13	10	0.03	9.09	6
CO19738	CO30552	19.49	1 1-	4ACSR	0	0	408	148	10	1	1	0.00	9.09	0
CO19739	CO19738	19.54	1 1-	4ACSR	0	0	406	147	10	1	1	0.00	9.09	0
CO19740	CO19739	19.57	1 1-	4ACSR	0	0	404	147	10	1	1	0.00	9.09	0
CO19707	CO30552	19.51	20 1-	4ACSR	0	0	407	148	84	12	9	0.03	9.11	4
CO19708	CO19707	19.56	20 1-	4ACSR	0	0	405	147	84	12	9	0.03	9.14	4
CO19709	CO19708	19.64	20 1-	4ACSR	0	0	401	146	84	12	9	0.05	9.18	7
CO19741	CO19709	19.67	2 1-	4ACSR	0	0	399	146	15	2	2	0.00	9.19	0
CO19742	CO19741	19.71	0 1-	4ACSR	0	0	397	146	0	0	0	0.00	9.19	0
CO19645	CO19709	19.70	18 1-	4ACSR	0	0	398	146	69	10	7	0.03	9.21	3
CO19646	CO19645	19.78	15 1-	4ACSR	0	0	394	145	39	5	4	0.02	9.23	0
CO19775	CO19646	19.82	1 1-	4ACSR	0	0	392	145	1	0	0	0.00	9.23	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19776	CO19775	19.90	1 1-	4ACSR	0	0	388	144	1	0	0	0.00	9.23	0
CO19704	CO19646	19.89	13 1-	4ACSR	0	0	389	144	35	5	4	0.02	9.26	0
CO19705	CO19704	19.98	12 1-	4ACSR	0	0	384	144	33	4	3	0.02	9.28	0
CO19706	CO19705	20.10	11 1-	4ACSR	0	0	379	143	32	4	3	0.02	9.30	0
CO19744	CO19706	20.24	2 1-	4ACSR	0	0	372	142	9	1	1	0.01	9.31	0
CO19745	CO19744	20.28	1 1-	4ACSR	0	0	371	141	6	0	1	0.00	9.31	0
CO19743	CO19745	20.33	1 1-	4ACSR	0	0	369	141	6	0	1	0.00	9.31	0
CO19762	CO19706	20.23	8 1-	4ACSR	0	0	373	142	21	3	2	0.02	9.32	0
CO19763	CO19762	20.28	7 1-	4ACSR	0	0	371	141	21	3	2	0.01	9.33	0
CO19764	CO19763	20.32	6 1-	4ACSR	0	0	369	141	18	2	2	0.00	9.33	0
CO19765	CO19764	20.40	5 1-	4ACSR	0	0	365	140	16	2	2	0.01	9.34	0
CO19766	CO19765	20.46	3 1-	4ACSR	0	0	363	140	8	1	1	0.00	9.34	0
CO23729	CO19766	20.57	3 1-	4ACSR	0	0	358	139	8	1	1	0.01	9.35	0
CO19426	CO23729	20.64	3 1-	4ACSR	0	0	355	138	8	1	1	0.00	9.35	0
CO19425	CO19426	20.70	1 1-	4ACSR	0	0	353	138	2	0	0	0.00	9.35	0
CO19660	CO19645	19.74	1 1-	4ACSR	0	0	396	146	25	3	3	0.00	9.22	0
CO537843811	CO19645	19.78	2 1-	2ACSR	0	0	394	145	4	0	0	0.00	9.21	0
CO-1510353021	CO537843811	19.86	2 1-	2ACSR	0	0	391	145	4	0	0	0.00	9.22	0
CO-444335276	CO-1510353021	19.95	2 1-	2ACSR	0	0	388	144	4	0	0	0.00	9.22	0
CO266979456	CO-444335276	20.04	2 1-	2ACSR	0	0	384	144	4	0	0	0.00	9.22	0
CO-1041069549	CO266979456	20.13	1 1-	2ACSR	0	0	381	143	4	0	0	0.00	9.22	0
CO1423033009	CO-1041069549	20.21	1 1-	2ACSR	0	0	378	143	4	0	0	0.00	9.22	0
CO660605944	CO1423033009	20.27	1 1-	2ACSR	0	0	375	143	4	0	0	0.00	9.22	0
CO765348884	CO660605944	20.33	1 1-	2ACSR	0	0	373	142	4	0	0	0.00	9.23	0
CO-1042274841	CO266979456	20.19	1 1-	2ACSR	0	0	378	143	0	0	0	0.00	9.22	0
CO19659	CO19644	19.47	1 1-	4ACSR	0	0	409	148	3	0	0	0.00	9.05	0
CO19661	CO19647	19.15	1 1-	4ACSR	0	0	426	151	4	0	0	0.00	8.81	0
CO19665	CO19703	19.00	2 1-	4ACSR	0	0	434	152	3	0	0	0.00	8.69	0
CO19791	CO19794	18.87	6 1-	4ACSR	0	0	441	153	12	1	1	0.00	8.59	0
OC591	CO19791	18.87	6 1-	10 N FUSE	0	0	441	153	12	1	18	0.00	8.59	0
CO19792	OC591	18.93	6 1-	4ACSR	0	0	438	153	12	1	1	0.00	8.59	0
CO19780	CO19792	19.05	4 1-	4ACSR	0	0	431	152	8	1	1	0.00	8.59	0
CO19781	CO19780	19.16	3 1-	4ACSR	0	0	425	151	2	0	0	0.00	8.60	0
CO19664	CO19781	19.21	2 1-	4ACSR	0	0	423	150	2	0	0	0.00	8.60	0
CO19663	CO19781	19.22	0 1-	4ACSR	0	0	422	150	0	0	0	0.00	8.60	0
CO19789	CO19639	18.78	105 1-	4ACSR	0	0	446	154	406	59	42	0.02	8.50	13
OC590	CO19789	18.78	105 1-	50 H OCR	0	0	446	154	406	59	119	0.00	8.50	0
CO19790	OC590	18.80	105 1-	4ACSR	0	0	445	154	406	59	42	0.04	8.54	25
CO19717	CO19790	18.81	104 1-	4ACSR	0	0	444	154	396	58	41	0.05	8.58	30
CO19799	CO19717	19.10	103 1-	4ACSR	0	0	428	151	396	58	41	0.77	9.35	513
CO19683	CO19799	19.12	98 1-	4ACSR	0	0	428	151	359	52	38	0.04	9.39	22
CO19684	CO19683	19.16	98 1-	4ACSR	0	0	425	151	359	52	38	0.09	9.48	58
CO19682	CO19684	19.18	97 1-	4ACSR	0	0	424	150	350	51	37	0.05	9.53	29
CO19681	CO19682	19.20	97 1-	4ACSR	0	0	423	150	350	51	37	0.05	9.58	28
CO19680	CO19681	19.31	95 1-	4ACSR	0	0	418	149	341	50	36	0.25	9.83	144
CO-1499584120	CO19680	19.35	10 1-	2ACSR	0	0	416	149	39	5	3	0.01	9.83	0
CO1141996931	CO-1499584120	19.40	3 1-	2ACSR	0	0	413	149	11	1	1	0.00	9.84	0
CO896198273	CO-1499584120	19.40	7 1-	2ACSR	0	0	413	149	28	4	2	0.01	9.84	0
CO19721	CO896198273	19.50	3 1-	4ACSR	0	0	409	148	11	1	1	0.00	9.84	0
CO19722	CO19721	19.54	1 1-	4ACSR	0	0	406	147	0	0	0	0.00	9.84	0
CO19731	CO896198273	19.43	4 1-	4ACSR	0	0	412	148	18	2	2	0.00	9.84	0
CO19732	CO19731	19.47	2 1-	4ACSR	0	0	410	148	10	1	1	0.00	9.85	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19633	CO19680	19.37	58 1-	4ACSR	0	0	414	149	214	31	23	0.09	9.91	31
CO19777	CO19633	19.41	48 1-	4ACSR	0	0	412	148	174	25	18	0.05	9.96	14
CO1928293004	CO19777	19.45	2 1-	2ACSR	0	0	410	148	10	1	1	0.00	9.96	0
CO-1371730700	CO1928293004	19.49	2 1-	2ACSR	0	0	409	148	10	1	1	0.00	9.96	0
CO19778	CO19777	19.48	44 1-	4ACSR	0	0	409	148	156	23	16	0.07	10.03	18
CO19779	CO19778	19.61	44 1-	4ACSR	0	0	402	147	156	23	16	0.15	10.17	39
CO19718	CO19779	19.66	2 1-	4ACSR	0	0	400	146	7	0	1	0.00	10.18	0
CO19719	CO19718	19.72	0 1-	4ACSR	0	0	397	146	0	0	0	0.00	10.18	0
CO19678	CO19779	19.69	9 1-	4ACSR	0	0	398	146	39	5	4	0.02	10.19	0
CO19679	CO19678	19.77	8 1-	4ACSR	0	0	394	145	36	5	4	0.02	10.21	0
CO19785	CO19679	19.81	3 1-	4ACSR	0	0	392	145	16	2	2	0.00	10.21	0
CO19786	CO19785	19.88	2 1-	4ACSR	0	0	389	144	13	1	1	0.00	10.22	0
CO19654	CO19786	19.92	1 1-	4ACSR	0	0	387	144	8	1	1	0.00	10.22	0
CO19655	CO19679	19.85	1 1-	4ACSR	0	0	391	145	3	0	0	0.00	10.21	0
CO19787	CO19779	19.62	31 1-	4ACSR	0	0	402	147	106	15	11	0.00	10.18	0
OC589	CO19787	19.62	31 1-	15 H OCR	0	0	402	147	106	15	104	0.00	10.18	0
CO19788	OC589	19.71	31 1-	4ACSR	0	0	397	146	106	15	11	0.06	10.24	12
CO19756	CO19788	19.72	31 1-	4ACSR	0	0	397	146	106	15	11	0.01	10.25	0
CO19755	CO19756	19.80	31 1-	4ACSR	0	0	393	145	106	15	11	0.05	10.31	10
CO19754	CO19755	19.86	30 1-	4ACSR	0	0	390	145	102	15	11	0.04	10.35	7
CO1585010896	CO19754	20.10	1 1-	2ACSR	0	0	381	143	0	0	0	0.00	10.35	0
CO-1934599806	CO19754	19.97	2 1-	2ACSR	0	0	386	144	4	0	0	0.00	10.35	0
CO19752	CO19754	19.99	25 1-	4ACSR	0	0	384	144	86	12	9	0.07	10.42	10
CO19753	CO19752	20.03	23 1-	4ACSR	0	0	382	143	78	11	8	0.02	10.44	3
CO19751	CO19753	20.07	22 1-	4ACSR	0	0	380	143	70	10	7	0.02	10.46	2
CO19632	CO19751	20.22	13 1-	4ACSR	0	0	373	142	45	6	5	0.05	10.51	4
CO19759	CO19632	20.34	5 1-	4ACSR	0	0	368	141	14	2	1	0.01	10.52	0
CO19760	CO19759	20.49	5 1-	4ACSR	0	0	362	140	14	2	1	0.01	10.52	0
CO19761	CO19760	20.60	1 1-	4ACSR	0	0	357	139	0	0	0	0.00	10.52	0
CO19672	CO19632	20.38	8 1-	4ACSR	0	0	366	140	31	4	3	0.03	10.54	0
CO19673	CO19672	20.51	8 1-	4ACSR	0	0	361	139	31	4	3	0.03	10.56	0
CO19674	CO19673	20.56	7 1-	4ACSR	0	0	358	139	25	3	3	0.01	10.57	0
CO19675	CO19674	20.64	5 1-	4ACSR	0	0	355	138	18	2	2	0.01	10.58	0
CO19676	CO19675	20.72	4 1-	4ACSR	0	0	352	138	14	2	2	0.01	10.59	0
CO19677	CO19676	20.87	3 1-	4ACSR	0	0	346	137	12	1	1	0.01	10.60	0
CO122624752	CO19677	21.29	1 1-	2ACSR	0	0	333	135	5	0	0	0.00	10.60	0
CO19637	CO19751	20.11	8 1-	4ACSR	0	0	378	143	23	3	2	0.01	10.47	0
CO19696	CO19637	20.20	7 1-	4ACSR	0	0	374	142	20	2	2	0.01	10.48	0
CO19697	CO19696	20.28	6 1-	4ACSR	0	0	371	141	17	2	2	0.01	10.49	0
CO19698	CO19697	20.35	5 1-	4ACSR	0	0	368	141	10	1	1	0.00	10.49	0
CO19671	CO19698	20.41	1 1-	2ACSR	0	0	366	140	0	0	0	0.00	10.49	0
CO19699	CO19698	20.37	3 1-	4ACSR	0	0	367	141	4	0	0	0.00	10.49	0
CO19700	CO19699	20.54	3 1-	4ACSR	0	0	360	139	4	0	0	0.00	10.49	0
CO19701	CO19700	20.61	1 1-	4ACSR	0	0	357	139	1	0	0	0.00	10.49	0
CO19653	CO19637	20.26	1 1-	4ACSR	0	0	372	141	3	0	0	0.00	10.47	0
CO19769	CO19633	19.42	7 1-	4ACSR	0	0	412	148	28	4	3	0.01	9.92	0
CO19770	CO19769	19.46	5 1-	4ACSR	0	0	410	148	19	2	2	0.00	9.92	0
CO19768	CO19770	19.50	3 1-	4ACSR	0	0	408	148	12	1	1	0.00	9.93	0
CO19757	CO19680	19.37	24 1-	4ACSR	0	0	415	149	74	10	8	0.03	9.86	4
CO19758	CO19757	19.45	24 1-	4ACSR	0	0	410	148	74	10	8	0.04	9.90	5
CO19635	CO19758	19.52	22 1-	4ACSR	0	0	407	147	72	10	8	0.03	9.93	4
CO19634	CO19635	19.66	20 1-	4ACSR	0	0	400	146	63	9	7	0.06	9.99	6

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19797	CO19634	19.67	18 1-	4ACSR	0	0	399	146	55	8	6	0.00	9.99	0
OC594	CO19797	19.67	18 1-	15 H OCR	0	0	399	146	55	8	54	0.00	9.99	0
CO19798	OC594	19.75	18 1-	4ACSR	0	0	395	146	55	8	6	0.03	10.02	3
CO19771	CO19798	19.79	1 1-	4ACSR	0	0	393	145	8	1	1	0.00	10.02	0
CO19772	CO19771	19.84	0 1-	4ACSR	0	0	391	145	0	0	0	0.00	10.02	0
CO19694	CO19798	19.89	17 1-	4ACSR	0	0	389	144	47	6	5	0.04	10.07	3
CO-371434444	CO19694	19.93	1 1-	2ACSR	0	0	387	144	1	0	0	0.00	10.07	0
CO2067728736	CO-371434444	19.98	1 1-	2ACSR	0	0	385	144	1	0	0	0.00	10.07	0
CO19695	CO19694	19.91	15 1-	4ACSR	0	0	388	144	43	6	5	0.01	10.07	0
CO19693	CO19695	19.93	15 1-	4ACSR	0	0	387	144	43	6	5	0.01	10.08	0
CO19692	CO19693	19.99	14 1-	4ACSR	0	0	384	144	42	6	4	0.01	10.09	0
CO19691	CO19692	20.04	13 1-	4ACSR	0	0	382	143	29	4	3	0.01	10.10	0
CO19690	CO19691	20.47	12 1-	4ACSR	0	0	362	140	26	3	3	0.06	10.17	3
CO19689	CO19690	20.53	11 1-	4ACSR	0	0	360	139	17	2	2	0.01	10.17	0
CO19688	CO19689	20.65	10 1-	4ACSR	0	0	355	138	16	2	2	0.01	10.18	0
CO19687	CO19688	20.66	8 1-	4ACSR	0	0	354	138	9	1	1	0.00	10.18	0
CO19686	CO19687	20.67	8 1-	4ACSR	0	0	354	138	9	1	1	0.00	10.18	0
CO19685	CO19686	20.80	7 1-	4ACSR	0	0	349	137	9	1	1	0.01	10.19	0
CO19636	CO19685	20.92	5 1-	4ACSR	0	0	344	136	6	0	1	0.01	10.20	0
CO19729	CO19636	21.03	3 1-	4ACSR	0	0	340	136	1	0	0	0.00	10.20	0
CO19730	CO19729	21.14	1 1-	4ACSR	0	0	335	135	0	0	0	0.00	10.20	0
CO19652	CO19636	20.96	1 1-	4ACSR	0	0	342	136	5	0	0	0.00	10.20	0
CO19651	CO19685	20.91	0 1-	4ACSR	0	0	344	136	0	0	0	0.00	10.19	0
CO19725	CO19634	19.72	1 1-	4ACSR	0	0	397	146	6	0	1	0.00	9.99	0
CO19726	CO19725	19.79	1 1-	4ACSR	0	0	393	145	6	0	1	0.00	10.00	0
CO19727	CO19726	19.81	1 1-	4ACSR	0	0	392	145	6	0	1	0.00	10.00	0
CO19670	CO19727	19.86	0 1-	2ACSR	0	0	391	145	0	0	0	0.00	10.00	0
CO19728	CO19727	19.85	1 1-	4ACSR	0	0	391	145	6	0	1	0.00	10.00	0
CO19650	CO19635	19.67	2 1-	4ACSR	0	0	399	146	9	1	1	0.00	9.94	0
CO19649	CO19635	19.58	0 1-	4ACSR	0	0	403	147	0	0	0	0.00	9.93	0
CO19723	CO19758	19.62	1 1-	4ACSR	0	0	402	147	0	0	0	0.00	9.90	0
CO19724	CO19723	19.66	1 1-	4ACSR	0	0	400	146	0	0	0	0.00	9.90	0
CO19783	CO19799	19.18	4 1-	4ACSR	0	0	424	150	25	3	3	0.01	9.36	0
CO19800	CO19783	19.30	1 1-	4ACSR	0	0	418	149	11	1	1	0.00	9.36	0
CO19784	CO19783	19.23	2 1-	4ACSR	0	0	422	150	3	0	0	0.00	9.36	0
CO19782	CO19784	19.29	1 1-	4ACSR	0	0	418	149	3	0	0	0.00	9.36	0
CO19749	CO19638	18.64	4 1-	4ACSR	0	0	451	155	20	2	2	0.01	8.39	0
CO19668	CO19749	18.71	1 1-	4ACSR	0	0	448	154	10	1	1	0.00	8.39	0
CO19750	CO19749	18.68	3 1-	4ACSR	0	0	450	154	10	1	1	0.00	8.39	0
CO19748	CO19750	18.74	2 1-	4ACSR	0	0	446	154	7	0	1	0.00	8.39	0
CO19398+	CO19440	18.07	2 1-	4ACSR	0	0	469	236	12	0	1	0.00	7.00	0
CO19293+	CO19398	18.10	1 1-	2ACSR	0	0	468	236	5	0	0	0.00	7.00	0
CO19399+	CO19398	18.09	1 1-	4ACSR	0	0	469	236	7	0	0	0.00	7.00	0
CO19354+	CO19419	17.90	8 1-	4ACSR	0	0	475	238	47	3	2	0.00	6.99	0
CO19355+	CO19354	17.96	7 1-	4ACSR	0	0	473	237	40	2	2	0.00	6.99	0
CO19289+	CO19355	18.12	3 1-	4ACSR	0	0	467	235	18	1	1	0.00	6.99	0
CO19396+	CO19355	18.05	1 1-	4ACSR	0	0	469	236	10	0	1	0.00	6.99	0
CO19397+	CO19396	18.17	0 1-	4ACSR	0	0	465	235	0	0	0	0.00	6.99	0
CO19257+	CO19330	17.72	99 1-	4ACSR	0	0	479	239	400	28	21	0.04	6.99	27
CO19449+	CO19257	17.73	99 1-	4ACSR	0	0	479	239	400	28	21	0.00	7.00	3
OC584+	CO19449	17.73	99 1-	50 E OCR	0	0	479	239	400	28	58	0.00	7.00	0
CO19450+	OC584	17.79	99 1-	4ACSR	0	0	477	238	400	28	21	0.04	7.04	27

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19280+	CO19450	17.85	0 1-	4ACSR	0	0	475	237	0	0	0	0.00	7.04	0
CO19331+	CO19450	17.94	98 1-	4ACSR	0	0	471	236	393	28	20	0.09	7.13	61
CO19332+	CO19331	17.97	96 1-	4ACSR	0	0	470	236	389	28	20	0.02	7.15	16
CO19279+	CO19332	18.00	1 1-	4ACSR	0	0	469	236	2	0	0	0.00	7.15	0
CO19250+	CO19332	18.03	94 1-	4ACSR	0	0	468	235	372	26	19	0.03	7.19	22
CO19385+	CO19250	18.12	1 1-	4ACSR	0	0	464	234	10	0	1	0.00	7.19	0
CO19386+	CO19385	18.16	1 1-	4ACSR	0	0	463	234	10	0	1	0.00	7.19	0
CO19333+	CO19250	18.13	93 1-	4ACSR	0	0	464	234	361	26	19	0.06	7.25	36
CO19334+	CO19333	18.21	91 1-	4ACSR	0	0	461	233	353	25	18	0.05	7.29	27
CO19335+	CO19334	18.39	91 1-	4ACSR	0	0	454	231	353	25	18	0.11	7.40	63
CO19407+	CO19335	18.48	7 1-	4ACSR	0	0	451	230	32	2	2	0.00	7.40	0
CO19408+	CO19407	18.52	5 1-	4ACSR	0	0	450	230	26	1	1	0.00	7.41	0
CO19406+	CO19408	18.58	4 1-	4ACSR	0	0	448	229	21	1	1	0.00	7.41	0
CO19405+	CO19406	18.61	3 1-	4ACSR	0	0	447	229	18	1	1	0.00	7.41	0
CO19404+	CO19405	18.94	2 1-	4ACSR	0	0	435	226	18	1	1	0.01	7.42	0
CO19323+	CO19404	19.12	1 1-	4ACSR	0	0	429	224	6	0	0	0.00	7.42	0
CO19324+	CO19323	19.19	1 1-	4ACSR	0	0	427	223	6	0	0	0.00	7.42	0
CO19325+	CO19324	19.28	1 1-	4ACSR	0	0	424	222	6	0	0	0.00	7.42	0
CO19326+	CO19325	19.48	1 1-	4ACSR	0	0	418	220	6	0	0	0.00	7.42	0
CO19327+	CO19326	19.57	1 1-	4ACSR	0	0	415	219	6	0	0	0.00	7.42	0
CO19420+	CO19335	18.56	82 1-	4ACSR	0	0	448	230	315	22	16	0.09	7.49	49
CO19421+	CO19420	18.66	81 1-	4ACSR	0	0	445	228	314	22	16	0.05	7.54	27
CO19251+	CO19421	18.88	74 1-	4ACSR	0	0	437	226	285	20	15	0.11	7.65	51
CO19436+	CO19251	18.94	73 1-	4ACSR	0	0	435	226	283	20	15	0.03	7.68	14
CO19295+	CO19436	19.00	1 1-	2ACSR	0	0	434	225	2	0	0	0.00	7.68	0
CO19437+	CO19436	19.01	72 1-	4ACSR	0	0	433	225	281	20	15	0.03	7.71	15
CO19438+	CO19437	19.11	71 1-	4ACSR	0	0	430	224	275	19	14	0.04	7.75	20
CO19252+	CO19438	19.22	61 1-	4ACSR	0	0	426	223	230	16	12	0.04	7.80	17
CO19253+	CO19252	19.29	60 1-	4ACSR	0	0	424	222	230	16	12	0.03	7.82	10
CO19392+	CO19253	19.39	1 1-	4ACSR	0	0	421	221	2	0	0	0.00	7.82	0
CO19393+	CO19392	19.40	0 1-	4ACSR	0	0	421	221	0	0	0	0.00	7.82	0
CO19254+	CO19253	19.38	59 1-	4ACSR	0	0	421	221	229	16	12	0.04	7.86	14
CO19342+	CO19254	19.40	52 1-	4ACSR	0	0	420	221	210	15	11	0.01	7.87	3
CO1320575959+	CO19342	19.42	51 1-	2ACSR	0	0	420	221	202	14	8	0.00	7.87	0
CO1850952718+	CO1320575959	19.45	50 1-	2ACSR	0	0	419	221	193	14	8	0.01	7.88	2
CO19344+	CO1850952718	19.47	50 1-	4ACSR	0	0	419	221	193	14	10	0.01	7.88	0
CO19345+	CO19344	19.49	49 1-	4ACSR	0	0	418	220	185	13	10	0.01	7.89	2
CO19255+	CO19345	19.53	48 1-	4ACSR	0	0	417	220	185	13	10	0.01	7.90	3
CO19256+	CO19255	19.57	46 1-	4ACSR	0	0	415	220	169	12	9	0.01	7.91	4
CO19447+	CO19256	19.58	45 1-	4ACSR	0	0	415	219	166	12	9	0.00	7.91	0
OC580+	CO19447	19.58	45 1-	10 N FUSE	0	0	415	219	166	12	121	0.00	7.91	0
CO19448+	OC580	19.62	45 1-	4ACSR	0	0	414	219	166	12	9	0.01	7.93	3
CO19346+	CO19448	19.66	44 1-	4ACSR	0	0	413	219	161	11	8	0.01	7.94	3
CO19347+	CO19346	19.76	41 1-	4ACSR	0	0	410	218	144	10	7	0.02	7.96	6
CO19348+	CO19347	19.87	40 1-	4ACSR	0	0	407	217	138	10	7	0.02	7.98	6
CO23764+	CO19348	20.10	39 1-	4ACSR	0	0	400	215	135	9	7	0.05	8.04	12
CO19145+	CO23764	20.22	39 1-	4ACSR	0	0	396	213	135	9	7	0.03	8.06	6
CO19146+	CO19145	20.26	37 1-	4ACSR	0	0	395	213	129	9	7	0.01	8.07	0
CO19132+	CO19146	20.29	36 1-	4ACSR	0	0	394	213	126	9	7	0.01	8.08	0
CO-1835340489+	CO19132	20.32	1 1-	2ACSR	0	0	394	213	6	0	0	0.00	8.08	0
CO19054+	CO19132	20.35	2 1-	4ACSR	0	0	393	212	5	0	0	0.00	8.08	0
CO19133+	CO19132	20.38	16 1-	4ACSR	0	0	392	212	62	4	3	0.01	8.09	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19134+	CO19133	20.42	15 1-	4ACSR	0	0	391	212	61	4	3	0.00	8.09	0
CO19089+	CO19134	20.52	2 1-	4ACSR	0	0	388	211	16	1	1	0.00	8.10	0
CO19098+	CO19089	20.75	2 1-	4ACSR	0	0	382	209	16	1	1	0.01	8.10	0
CO19149+	CO19098	20.86	2 1-	4ACSR	0	0	379	208	16	1	1	0.00	8.10	0
CO19150+	CO19149	20.91	1 1-	4ACSR	0	0	378	207	7	0	0	0.00	8.10	0
CO19057+	CO19134	20.53	13 1-	4ACSR	0	0	388	211	45	3	2	0.01	8.10	0
CO19058+	CO19057	20.57	13 1-	4ACSR	0	0	387	210	45	3	2	0.00	8.10	0
CO19130+	CO19058	20.70	11 1-	4ACSR	0	0	383	209	40	2	2	0.01	8.11	0
CO19131+	CO19130	20.75	10 1-	4ACSR	0	0	382	209	38	2	2	0.00	8.12	0
CO23765+	CO19131	20.80	9 1-	4ACSR	0	0	380	208	37	2	2	0.00	8.12	0
CO19353+	CO23765	20.86	9 1-	4ACSR	0	0	379	208	37	2	2	0.00	8.12	0
CO19352+	CO19353	20.93	8 1-	4ACSR	0	0	377	207	36	2	2	0.00	8.13	0
CO19351+	CO19352	21.04	6 1-	4ACSR	0	0	374	206	28	2	1	0.00	8.13	0
CO19350+	CO19351	21.13	5 1-	4ACSR	0	0	372	205	20	1	1	0.00	8.13	0
CO19349+	CO19350	21.18	5 1-	4ACSR	0	0	371	205	20	1	1	0.00	8.13	0
CO19423+	CO19349	21.23	3 1-	4ACSR	0	0	370	205	13	0	1	0.00	8.14	0
CO19424+	CO19423	21.26	3 1-	4ACSR	0	0	369	204	13	0	1	0.00	8.14	0
CO19422+	CO19424	21.30	2 1-	4ACSR	0	0	368	204	9	0	0	0.00	8.14	0
CO19394+	CO19422	21.35	1 1-	4ACSR	0	0	366	204	7	0	0	0.00	8.14	0
CO19395+	CO19394	21.43	1 1-	4ACSR	0	0	365	203	7	0	0	0.00	8.14	0
CO19287+	CO19422	21.48	1 1-	4ACSR	0	0	363	203	3	0	0	0.00	8.14	0
CO19288+	CO19349	21.28	1 1-	4ACSR	0	0	368	204	3	0	0	0.00	8.13	0
CO19147+	CO19132	20.34	15 1-	4ACSR	0	0	393	212	49	3	3	0.00	8.08	0
CO19148+	CO19147	20.39	15 1-	4ACSR	0	0	391	212	49	3	3	0.00	8.09	0
CO19059+	CO19148	20.49	15 1-	4ACSR	0	0	389	211	49	3	3	0.01	8.10	0
CO19041+	CO19059	20.60	3 1-	4ACSR	0	0	386	210	7	0	0	0.00	8.10	0
CO19062+	CO19041	20.66	2 1-	4ACSR	0	0	384	210	6	0	0	0.00	8.10	0
CO19063+	CO19062	20.83	2 1-	4ACSR	0	0	380	208	6	0	0	0.00	8.10	0
CO19064+	CO19063	20.98	2 1-	4ACSR	0	0	376	207	6	0	0	0.00	8.10	0
CO19155+	CO19064	21.12	2 1-	4ACSR	0	0	372	206	6	0	0	0.00	8.10	0
CO19156+	CO19155	21.34	2 1-	4ACSR	0	0	367	204	6	0	0	0.00	8.10	0
CO19065+	CO19156	21.42	1 1-	4ACSR	0	0	365	203	3	0	0	0.00	8.10	0
CO19051+	CO19041	20.70	0 1-	4ACSR	0	0	383	209	0	0	0	0.00	8.10	0
CO19060+	CO19059	20.60	12 1-	4ACSR	0	0	386	210	42	3	2	0.01	8.10	0
CO19135+	CO19060	20.65	12 1-	4ACSR	0	0	385	210	42	3	2	0.00	8.11	0
CO19136+	CO19135	20.70	11 1-	4ACSR	0	0	383	209	40	2	2	0.00	8.11	0
CO19137+	CO19136	20.78	11 1-	4ACSR	0	0	381	208	40	2	2	0.01	8.11	0
CO19138+	CO19137	20.89	10 1-	4ACSR	0	0	378	208	37	2	2	0.01	8.12	0
CO19100+	CO19138	21.17	8 1-	4ACSR	0	0	371	205	33	2	2	0.02	8.14	0
CO19053+	CO19100	21.27	1 1-	4ACSR	0	0	369	204	4	0	0	0.00	8.14	0
CO19052+	CO19100	21.25	3 1-	4ACSR	0	0	369	205	13	0	1	0.00	8.14	0
CO19142+	CO19100	21.24	3 1-	4ACSR	0	0	369	205	10	0	1	0.00	8.14	0
CO19143+	CO19142	21.30	2 1-	4ACSR	0	0	368	204	7	0	0	0.00	8.14	0
CO19141+	CO19143	21.51	1 1-	4ACSR	0	0	363	202	0	0	0	0.00	8.14	0
CO19061+	CO19141	21.61	1 1-	4ACSR	0	0	360	202	0	0	0	0.00	8.14	0
CO19139+	CO19100	21.22	1 1-	4ACSR	0	0	370	205	6	0	0	0.00	8.14	0
CO19140+	CO19139	21.29	0 1-	4ACSR	0	0	368	204	0	0	0	0.00	8.14	0
CO19082+	CO19140	21.34	0 1-	4ACSR	0	0	367	204	0	0	0	0.00	8.14	0
CO19083+	CO19138	20.93	2 1-	2ACSR	0	0	377	207	4	0	0	0.00	8.12	0
CO19084+	CO19083	20.99	2 1-	2ACSR	0	0	376	207	4	0	0	0.00	8.12	0
CO19085+	CO19084	21.19	2 1-	2ACSR	0	0	372	206	4	0	0	0.00	8.12	0
CO19086+	CO19085	21.26	2 1-	2ACSR	0	0	371	205	4	0	0	0.00	8.12	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19294+	CO19348	19.96	1 1-	2ACSR	0	0	404	216	2	0	0	0.00	7.98	0
CO19286+	CO19256	19.66	0 1-	4ACSR	0	0	413	219	0	0	0	0.00	7.91	0
CO19298+	CO19255	19.56	1 1-	2ACSR	0	0	416	220	8	0	0	0.00	7.90	0
CO19285+	CO19255	19.62	1 1-	4ACSR	0	0	414	219	8	0	0	0.00	7.90	0
CO19284+	CO19345	19.60	1 1-	4ACSR	0	0	415	219	0	0	0	0.00	7.89	0
CO-42180548+	CO1320575959	19.46	1 1-	2ACSR	0	0	419	221	9	0	0	0.00	7.87	0
CO19431+	CO19254	19.42	7 1-	4ACSR	0	0	420	221	19	1	1	0.00	7.86	0
CO19432+	CO19431	19.49	7 1-	4ACSR	0	0	418	220	19	1	1	0.00	7.86	0
CO19433+	CO19432	19.53	4 1-	4ACSR	0	0	416	220	8	0	0	0.00	7.86	0
CO19434+	CO19433	19.59	4 1-	4ACSR	0	0	415	219	8	0	0	0.00	7.86	0
CO19435+	CO19434	19.74	2 1-	4ACSR	0	0	410	218	6	0	0	0.00	7.86	0
CO19283+	CO19252	19.30	0 1-	4ACSR	0	0	424	222	0	0	0	0.00	7.80	0
CO19336+	CO19438	19.15	10 1-	4ACSR	0	0	428	223	44	3	2	0.00	7.76	0
CO19337+	CO19336	19.46	8 1-	4ACSR	0	0	419	221	40	2	2	0.02	7.77	0
CO19338+	CO19337	19.50	7 1-	4ACSR	0	0	417	220	37	2	2	0.00	7.78	0
CO19339+	CO19338	19.54	7 1-	4ACSR	0	0	416	220	37	2	2	0.00	7.78	0
CO19340+	CO19339	19.60	6 1-	4ACSR	0	0	414	219	29	2	2	0.00	7.78	0
CO19341+	CO19340	19.67	6 1-	4ACSR	0	0	412	218	29	2	2	0.00	7.79	0
CO19056+	CO19341	19.77	5 1-	4ACSR	0	0	409	218	29	2	2	0.00	7.79	0
CO19128+	CO19056	19.83	3 1-	4ACSR	0	0	407	217	21	1	1	0.00	7.79	0
CO19129+	CO19128	19.88	2 1-	4ACSR	0	0	406	216	16	1	1	0.00	7.79	0
CO19050+	CO19129	19.92	1 1-	4ACSR	0	0	405	216	12	0	1	0.00	7.79	0
CO19126+	CO19129	19.94	1 1-	4ACSR	0	0	404	216	4	0	0	0.00	7.79	0
CO19127+	CO19126	20.00	0 1-	4ACSR	0	0	402	215	0	0	0	0.00	7.79	0
CO19081+	CO19127	20.10	0 1-	4ACSR	0	0	399	214	0	0	0	0.00	7.79	0
CO19299+	CO19437	19.14	1 1-	2ACSR	0	0	430	224	6	0	0	0.00	7.71	0
CO19400+	CO19251	18.95	1 1-	4ACSR	0	0	435	225	2	0	0	0.00	7.65	0
CO19401+	CO19400	19.00	1 1-	4ACSR	0	0	433	225	2	0	0	0.00	7.65	0
CO19387+	CO19421	18.76	5 1-	4ACSR	0	0	442	227	14	1	1	0.00	7.54	0
CO19282+	CO19387	18.84	1 1-	4ACSR	0	0	439	227	6	0	0	0.00	7.55	0
CO19388+	CO19387	18.85	1 1-	4ACSR	0	0	438	227	5	0	0	0.00	7.55	0
CO19389+	CO19388	18.93	1 1-	4ACSR	0	0	436	226	5	0	0	0.00	7.55	0
CO19390+	CO19421	18.72	2 1-	4ACSR	0	0	443	228	14	1	1	0.00	7.54	0
CO19391+	CO19390	18.81	1 1-	4ACSR	0	0	440	227	10	0	1	0.00	7.54	0
CO19281+	CO19335	18.58	2 1-	4ACSR	0	0	448	229	5	0	0	0.00	7.40	0
CO19382+	CO19450	17.87	1 1-	4ACSR	0	0	474	237	6	0	0	0.00	7.04	0
CO19383+	CO19382	17.91	1 1-	4ACSR	0	0	472	237	6	0	0	0.00	7.04	0
CO19384+	CO19383	17.96	1 1-	4ACSR	0	0	470	236	6	0	0	0.00	7.04	0
CO19272+	CO19312	16.71	1 1-	4ACSR	0	0	508	245	3	0	0	0.00	6.67	0
CO19402+	CO19313	16.61	3 1-	2ACSR	0	0	511	246	10	0	0	0.00	6.65	0
CO19403+	CO19402	16.63	3 1-	2ACSR	0	0	511	246	10	0	0	0.00	6.65	0
CO19292+	CO19403	16.75	2 1-	2ACSR	0	0	507	245	7	0	0	0.00	6.65	0
CO-1675130950+	CO19292	16.81	1 1-	2ACSR	0	0	504	244	3	0	0	0.00	6.65	0
CO19270+	CO19414	16.13	2 1-	4ACSR	0	0	526	249	4	0	0	0.00	6.51	0
CO19267+	CO19242	14.93	2 1-	1/0ACSR	0	0	568	257	3	0	0	0.00	6.15	0
CO19264+	CO19239	14.34	1 1-	4ACSR	0	0	589	261	10	0	0	0.00	5.95	0
CO19441+	CO19444	14.11	8 1-	4ACSR	0	0	600	263	22	1	1	0.00	5.91	0
OC578+	CO19441	14.11	8 1-	10 N FUSE	0	0	600	263	22	1	15	0.00	5.91	0
CO19442+	OC578	14.44	8 1-	4ACSR	0	0	581	259	22	1	1	0.01	5.92	0
CO19241+	CO19442	14.51	5 1-	4ACSR	0	0	577	258	13	0	1	0.00	5.92	0
CO19365+	CO19241	14.67	4 1-	4ACSR	0	0	568	256	8	0	0	0.00	5.92	0
CO19366+	CO19365	14.70	4 1-	4ACSR	0	0	567	255	8	0	0	0.00	5.92	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23763+	CO19366	14.76	1 1-	4ACSR	0	0	563	254	3	0	0	0.00	5.92	0
CO19261+	CO19366	14.76	1 1-	4ACSR	0	0	563	254	1	0	0	0.00	5.92	0
CO19262+	CO19241	14.57	0 1-	4ACSR	0	0	574	257	0	0	0	0.00	5.92	0
CO19263+	CO19442	14.51	0 1-	4ACSR	0	0	577	258	0	0	0	0.00	5.92	0
CO19363+	CO19410	13.93	1 1-	4ACSR	0	0	606	264	12	0	1	0.00	5.82	0
CO19364+	CO19363	13.97	1 1-	4ACSR	0	0	603	263	12	0	1	0.00	5.82	0
CO19260+	CO19301	13.89	1 1-	4ACSR	0	0	607	264	2	0	0	0.00	5.80	0
CO19259+	CO23762	13.75	1 1-	4ACSR	0	0	614	265	2	0	0	0.00	5.76	0
CO23760+	CO23735	13.42	2 1-	4ACSR	0	0	628	267	1	0	0	0.00	5.63	0
CO19101+	CO23760	13.49	2 1-	4ACSR	0	0	623	266	1	0	0	0.00	5.63	0
CO19102+	CO19101	13.53	1 1-	4ACSR	0	0	621	266	1	0	0	0.00	5.63	0
CO19087+	CO19101	13.58	1 1-	2ACSR	0	0	619	266	0	0	0	0.00	5.63	0
CO19088+	CO19087	13.64	1 1-	2ACSR	0	0	615	265	0	0	0	0.00	5.63	0
CO19581+	CO19566	13.08	66 1-	4ACSR	0	0	644	270	195	13	10	0.03	5.53	10
CO19580+	CO19581	13.17	65 1-	4ACSR	0	0	637	269	184	13	9	0.03	5.56	9
CO19582+	CO19580	13.33	61 1-	4ACSR	0	0	627	267	181	12	9	0.05	5.60	14
CO19623+	CO19582	13.33	61 1-	4ACSR	0	0	627	266	181	12	9	0.00	5.60	0
OC586+	CO19623	13.33	61 1-	35 H OCR	0	0	627	266	181	12	37	0.00	5.60	0
XFMR45	OC586	13.33	61 1-	333 KVA 1PH AUT	0	0	678	165	181	12	56	0.57	6.18	0
CO23803	XFMR45	13.45	61 1-	4ACSR	0	0	664	163	181	25	19	0.14	6.32	42
CO19226	CO23803	13.52	60 1-	4ACSR	0	0	655	163	179	25	18	0.08	6.40	24
CO19169	CO19226	13.60	60 1-	4ACSR	0	0	646	162	179	25	18	0.09	6.49	27
CO19161	CO19169	13.66	0 1-	4ACSR	0	0	638	161	0	0	0	0.00	6.49	0
CO19170	CO19169	13.68	60 1-	4ACSR	0	0	636	161	179	25	18	0.10	6.59	30
CO19171	CO19170	13.87	60 1-	4ACSR	0	0	613	159	178	25	18	0.22	6.82	67
CO23802	CO19171	14.16	60 1-	4ACSR	0	0	582	157	178	25	18	0.34	7.15	100
CO19090	CO23802	14.17	60 1-	4ACSR	0	0	581	157	178	25	18	0.01	7.16	3
CO23801	CO19090	14.43	2 1-	4ACSR	0	0	554	154	16	2	2	0.02	7.19	0
CO19199	CO23801	14.52	1 1-	4ACSR	0	0	546	153	10	1	1	0.01	7.19	0
CO19200	CO19199	14.77	1 1-	4ACSR	0	0	522	151	10	1	1	0.02	7.21	0
CO19201	CO19200	14.80	1 1-	4ACSR	0	0	520	151	10	1	1	0.00	7.21	0
CO19202	CO19201	14.82	0 1-	4ACSR	0	0	518	151	0	0	0	0.00	7.21	0
CO19103	CO19090	14.21	58 1-	4ACSR	0	0	577	156	162	23	17	0.05	7.21	13
CO19104	CO19103	14.40	58 1-	4ACSR	0	0	558	154	161	23	17	0.20	7.41	54
CO19091	CO19104	14.55	58 1-	4ACSR	0	0	542	153	161	23	17	0.17	7.58	46
CO19049	CO19091	14.60	0 1-	4ACSR	0	0	538	153	0	0	0	0.00	7.58	0
CO19105	CO19091	14.66	57 1-	4ACSR	0	0	532	152	161	23	17	0.12	7.70	32
CO19106	CO19105	14.70	56 1-	4ACSR	0	0	528	152	159	23	17	0.05	7.74	12
CO19092	CO19106	15.02	56 1-	4ACSR	0	0	500	149	159	23	17	0.34	8.08	91
CO23800	CO19092	15.21	56 1-	4ACSR	0	0	484	147	158	23	17	0.20	8.28	53
CO19233	CO23800	15.22	56 1-	4ACSR	0	0	483	147	158	23	17	0.01	8.29	3
CO19172	CO19233	15.35	56 1-	4ACSR	0	0	473	146	158	23	17	0.13	8.43	35
CO19173	CO19172	15.49	55 1-	4ACSR	0	0	463	145	153	22	16	0.15	8.57	38
CO19227	CO19173	15.59	54 1-	4ACSR	0	0	455	144	150	21	16	0.09	8.67	23
CO19228	CO19227	15.81	52 1-	4ACSR	0	0	440	142	134	19	14	0.20	8.87	46
CO23799	CO19228	15.99	1 1-	4ACSR	0	0	428	141	0	0	0	0.00	8.87	0
CO23798	CO19228	16.07	1 1-	4ACSR	0	0	423	140	0	0	0	0.00	8.87	0
CO19069	CO23798	16.15	0 1-	4ACSR	0	0	418	140	0	0	0	0.00	8.87	0
CO19236	CO19228	15.82	50 1-	4ACSR	0	0	439	142	134	19	14	0.01	8.87	0
OC576	CO19236	15.82	50 1-	15 H OCR	0	0	439	142	134	19	131	0.00	8.87	0
CO19237	OC576	15.85	50 1-	4ACSR	0	0	437	142	134	19	14	0.03	8.90	6
CO19177	CO19237	16.02	10 1-	4ACSR	0	0	426	141	16	2	2	0.02	8.92	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23797	CO19177	16.11	9 1-	4ACSR	0	0	420	140	12	1	1	0.01	8.92	0
CO19093	CO23797	16.15	9 1-	4ACSR	0	0	418	140	12	1	1	0.00	8.93	0
CO19094	CO19093	16.26	9 1-	4ACSR	0	0	411	139	12	1	1	0.01	8.94	0
CO19095	CO19094	16.30	9 1-	4ACSR	0	0	408	139	12	1	1	0.00	8.94	0
CO19124	CO19095	16.33	5 1-	4ACSR	0	0	407	138	9	1	1	0.00	8.94	0
CO19151	CO19124	16.37	4 1-	4ACSR	0	0	405	138	9	1	1	0.00	8.94	0
CO19152	CO19151	16.39	2 1-	4ACSR	0	0	403	138	0	0	0	0.00	8.94	0
CO19144	CO19152	16.41	2 1-	4ACSR	0	0	402	138	0	0	0	0.00	8.94	0
CO23791	CO19144	16.49	1 1-	4ACSR	0	0	397	137	0	0	0	0.00	8.94	0
CO19174	CO19237	15.86	40 1-	4ACSR	0	0	437	142	117	17	12	0.01	8.91	0
CO19175	CO19174	15.95	40 1-	4ACSR	0	0	431	141	117	17	12	0.07	8.97	13
CO19165	CO19175	15.97	1 1-	2ACSR	0	0	429	141	9	1	1	0.00	8.98	0
CO19176	CO19175	16.01	38 1-	4ACSR	0	0	426	141	99	14	10	0.04	9.02	7
CO19229	CO19176	16.06	36 1-	4ACSR	0	0	423	140	92	13	10	0.03	9.05	4
CO19230	CO19229	16.15	35 1-	4ACSR	0	0	418	140	81	11	8	0.05	9.09	6
CO19213	CO19230	16.35	35 1-	4ACSR	0	0	405	138	81	11	8	0.11	9.21	16
CO19214	CO19213	16.45	35 1-	4ACSR	0	0	400	138	81	11	8	0.05	9.26	7
CO19181	CO19214	16.48	35 1-	4ACSR	0	0	398	137	81	11	8	0.01	9.27	0
CO19182	CO19181	16.50	35 1-	4ACSR	0	0	397	137	81	11	8	0.01	9.28	0
CO19183	CO19182	16.54	34 1-	4ACSR	0	0	394	137	78	11	8	0.02	9.31	3
CO19208	CO19183	16.71	32 1-	4ACSR	0	0	385	136	78	11	8	0.08	9.39	11
CO23789	CO19208	16.78	31 1-	4ACSR	0	0	381	135	73	10	8	0.04	9.43	5
CO17589	CO23789	16.94	29 1-	4ACSR	0	0	373	134	70	10	7	0.07	9.50	9
CO17749	CO17589	17.00	1 1-	2ACSR	0	0	370	134	6	0	1	0.00	9.51	0
CO17750	CO17749	17.05	1 1-	2ACSR	0	0	369	133	6	0	1	0.00	9.51	0
CO17666	CO17589	17.05	27 1-	4ACSR	0	0	368	133	63	9	7	0.05	9.55	5
CO17667	CO17666	17.09	26 1-	4ACSR	0	0	366	133	61	9	6	0.02	9.56	0
CO17590	CO17667	17.23	24 1-	4ACSR	0	0	359	132	59	8	6	0.05	9.62	5
CO17591	CO17590	17.30	15 1-	4ACSR	0	0	355	132	40	5	4	0.02	9.64	0
CO17618	CO17591	17.38	0 1-	4ACSR	0	0	352	131	0	0	0	0.00	9.64	0
CO17634	CO17591	17.45	14 1-	4ACSR	0	0	348	131	39	5	4	0.04	9.68	3
CO17635	CO17634	17.57	14 1-	4ACSR	0	0	343	130	39	5	4	0.03	9.71	0
CO17636	CO17635	17.62	12 1-	4ACSR	0	0	341	129	38	5	4	0.01	9.72	0
CO17627	CO17636	17.70	0 1-	4ACSR	0	0	337	129	0	0	0	0.00	9.72	0
CO17645	CO17636	17.69	12 1-	4ACSR	0	0	338	129	38	5	4	0.02	9.74	0
CO17646	CO17645	17.75	11 1-	4ACSR	0	0	336	129	37	5	4	0.01	9.75	0
CO17647	CO17646	17.84	9 1-	4ACSR	0	0	332	128	34	5	4	0.02	9.77	0
CO17648	CO17647	17.96	9 1-	4ACSR	0	0	327	127	34	5	4	0.03	9.80	0
CO17638	CO17648	18.07	8 1-	4ACSR	0	0	322	127	29	4	3	0.02	9.83	0
CO17650	CO17638	18.11	8 1-	4ACSR	0	0	321	126	29	4	3	0.01	9.83	0
CO17651	CO17650	18.16	7 1-	4ACSR	0	0	319	126	27	4	3	0.01	9.84	0
CO17652	CO17651	18.27	6 1-	4ACSR	0	0	315	125	15	2	2	0.01	9.85	0
CO17653	CO17652	18.34	6 1-	4ACSR	0	0	312	125	15	2	2	0.01	9.86	0
CO17654	CO17653	18.38	6 1-	4ACSR	0	0	311	125	15	2	2	0.00	9.86	0
CO17639	CO17654	18.43	6 1-	4ACSR	0	0	309	124	15	2	2	0.01	9.87	0
CO17640	CO17639	18.46	3 1-	4ACSR	0	0	308	124	13	1	1	0.00	9.87	0
CO17644	CO17640	18.59	1 1-	4ACSR	0	0	303	123	6	0	1	0.01	9.88	0
CO17740	CO17644	18.81	1 1-	4ACSR	0	0	296	122	6	0	1	0.00	9.88	0
CO30650	CO17740	18.85	0 1-	4ACSR	0	0	295	122	0	0	0	0.00	9.88	0
SW528-B	CO30650	18.85	0 1-	Open	0	0	295	122	0	0	0	0.00	9.88	0
CO17643	CO17644	18.65	0 1-	2ACSR	0	0	302	123	0	0	0	0.00	9.88	0
CO17641	CO17640	18.52	2 1-	4ACSR	0	0	306	124	7	0	1	0.00	9.87	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17642	CO17641	18.57	1 1-	4ACSR	0	0	304	123	0	0	0	0.00	9.87	0
CO17617	CO17639	18.47	2 1-	4ACSR	0	0	307	124	1	0	0	0.00	9.87	0
CO17649	CO17648	18.05	1 1-	2ACSR	0	0	324	127	5	0	0	0.00	9.81	0
CO17637	CO17649	18.11	1 1-	2ACSR	0	0	322	127	5	0	0	0.00	9.81	0
CO17632	CO17590	17.31	4 1-	4ACSR	0	0	355	131	11	1	1	0.01	9.62	0
CO244081394	CO17632	17.34	1 1-	2ACSR	0	0	354	131	6	0	1	0.00	9.62	0
CO17633	CO17632	17.42	2 1-	4ACSR	0	0	350	131	4	0	0	0.00	9.62	0
CO17631	CO17633	17.50	1 1-	4ACSR	0	0	346	130	0	0	0	0.00	9.62	0
CO17630	CO17631	17.56	1 1-	4ACSR	0	0	344	130	0	0	0	0.00	9.62	0
CO17629	CO17630	17.61	0 1-	4ACSR	0	0	341	129	0	0	0	0.00	9.62	0
CO17668	CO17590	17.27	2 1-	4ACSR	0	0	357	132	1	0	0	0.00	9.62	0
CO17669	CO17668	17.34	0 1-	4ACSR	0	0	354	131	0	0	0	0.00	9.62	0
CO17619	CO17667	17.14	2 1-	4ACSR	0	0	363	133	3	0	0	0.00	9.57	0
CO17620	CO17589	17.02	1 1-	4ACSR	0	0	369	133	0	0	0	0.00	9.50	0
CO17664	CO23789	16.82	2 1-	4ACSR	0	0	379	135	3	0	0	0.00	9.43	0
CO17665	CO17664	16.86	1 1-	4ACSR	0	0	377	135	3	0	0	0.00	9.43	0
CO19221	CO19183	16.61	1 1-	4ACSR	0	0	391	136	0	0	0	0.00	9.31	0
CO19220	CO19221	16.66	0 1-	4ACSR	0	0	388	136	0	0	0	0.00	9.31	0
CO19162	CO19183	16.62	1 1-	4ACSR	0	0	390	136	0	0	0	0.00	9.31	0
CO19178	CO19176	16.10	0 1-	4ACSR	0	0	421	140	0	0	0	0.00	9.02	0
CO19179	CO19178	16.17	0 1-	4ACSR	0	0	416	140	0	0	0	0.00	9.02	0
CO19180	CO19179	16.36	0 1-	4ACSR	0	0	405	138	0	0	0	0.00	9.02	0
CO23790	CO19180	16.53	0 1-	4ACSR	0	0	395	137	0	0	0	0.00	9.02	0
CO17743	CO23790	16.59	0 1-	4ACSR	0	0	392	137	0	0	0	0.00	9.02	0
CO17744	CO17743	16.61	0 1-	4ACSR	0	0	391	136	0	0	0	0.00	9.02	0
CO23796	CO17744	16.69	0 1-	4ACSR	0	0	386	136	0	0	0	0.00	9.02	0
CO17544	CO23796	16.76	0 1-	4ACSR	0	0	382	135	0	0	0	0.00	9.02	0
CO17545	CO17544	16.80	0 1-	4ACSR	0	0	380	135	0	0	0	0.00	9.02	0
CO17616	CO17744	16.64	0 1-	4ACSR	0	0	389	136	0	0	0	0.00	9.02	0
CO19613+	CO19561	12.33	1 1-	4ACSR	0	0	682	276	6	0	0	0.00	5.17	0
CO19615+	CO19613	12.38	1 1-	4ACSR	0	0	679	275	6	0	0	0.00	5.17	0
CO19614+	CO19615	12.44	1 1-	4ACSR	0	0	674	275	6	0	0	0.00	5.18	0
CO19612+	CO19561	12.34	5 1-	4ACSR	0	0	682	276	25	1	1	0.00	5.18	0
CO19470+	CO19612	12.42	1 1-	4ACSR	0	0	676	275	9	0	0	0.00	5.18	0
CO19611+	CO19612	12.43	2 1-	4ACSR	0	0	675	275	10	0	1	0.00	5.18	0
CO19607+	CO19577	11.12	3 1-	4ACSR	0	0	753	286	10	0	1	0.00	4.60	0
CO19606+	CO19607	11.16	1 1-	4ACSR	0	0	749	285	5	0	0	0.00	4.60	0
CO19465+	CO19456	11.02	1 1-	4ACSR	0	0	759	287	7	0	0	0.00	4.55	0
CO19628+	CO19545	10.80	9 1-	4ACSR	0	0	775	289	28	1	1	0.00	4.46	0
OC588+	CO19628	10.80	9 1-	35 E OCR	0	0	775	289	28	1	6	0.00	4.46	0
CO19629+	OC588	10.87	9 1-	4ACSR	0	0	768	288	28	1	1	0.00	4.47	0
CO19551+	CO19629	11.21	7 1-	4ACSR	0	0	738	283	20	1	1	0.01	4.48	0
CO19554+	CO19551	11.41	7 1-	4ACSR	0	0	721	280	20	1	1	0.01	4.48	0
CO19556+	CO19554	11.49	6 1-	4ACSR	0	0	714	278	16	1	1	0.00	4.49	0
CO19555+	CO19556	11.66	5 1-	4ACSR	0	0	699	276	14	1	1	0.00	4.49	0
CO19552+	CO19555	11.69	5 1-	4ACSR	0	0	698	275	14	1	1	0.00	4.49	0
CO19553+	CO19552	11.76	5 1-	4ACSR	0	0	692	274	14	1	1	0.00	4.49	0
CO23726+	CO19553	11.97	5 1-	4ACSR	0	0	676	271	14	1	1	0.00	4.50	0
CO19812+	CO23726	12.04	5 1-	4ACSR	0	0	670	270	14	1	1	0.00	4.50	0
CO19813+	CO19812	12.14	5 1-	4ACSR	0	0	663	269	14	1	1	0.00	4.50	0
CO19811+	CO19813	12.22	5 1-	4ACSR	0	0	657	268	14	1	1	0.00	4.50	0
CO19814+	CO19811	12.41	5 1-	4ACSR	0	0	643	265	14	1	1	0.00	4.51	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19810+	CO19814	12.53	5 1-	4ACSR	0	0	635	263	14	1	1	0.00	4.51	0
CO19820+	CO19810	12.58	4 1-	2ACSR	0	0	632	263	14	1	1	0.00	4.51	0
CO825547245+	CO19820	12.63	2 1-	2ACSR	0	0	629	262	2	0	0	0.00	4.51	0
CO-222691239+	CO19820	12.67	2 1-	2ACSR	0	0	627	262	12	0	0	0.00	4.51	0
CO19815+	CO-222691239	12.70	2 1-	4ACSR	0	0	625	261	12	0	1	0.00	4.51	0
CO19819+	CO19815	12.75	2 1-	4ACSR	0	0	622	261	12	0	1	0.00	4.51	0
CO19849+	CO19819	12.80	1 1-	4ACSR	0	0	618	260	6	0	0	0.00	4.51	0
CO19850+	CO19849	12.83	1 1-	4ACSR	0	0	616	260	6	0	0	0.00	4.51	0
CO19851+	CO19819	12.86	0 1-	4ACSR	0	0	614	259	0	0	0	0.00	4.51	0
CO19818+	CO19819	12.86	1 1-	4ACSR	0	0	614	259	6	0	0	0.00	4.51	0
CO-30643437+	CO19818	12.94	1 1-	2ACSR	0	0	610	258	6	0	0	0.00	4.51	0
CO19805+	CO19810	12.61	1 1-	2ACSR	0	0	630	262	0	0	0	0.00	4.51	0
CO19605+	CO19629	10.94	1 1-	4ACSR	0	0	761	287	2	0	0	0.00	4.47	0
CO19604+	CO19605	11.04	1 1-	4ACSR	0	0	753	285	2	0	0	0.00	4.47	0
CO19603+	CO19549	10.36	2 1-	4ACSR	0	0	803	292	7	0	0	0.00	4.20	0
CO19602+	CO19603	10.42	1 1-	4ACSR	0	0	797	291	3	0	0	0.00	4.20	0
CO19548+	CO19549	10.27	0 3-	1/0ACSR	1032	964	812	294	0	-7	3	0.00	4.20	0
CA68+	CO19548	10.27	0 3-	Capacitor	1032	964	812	294	0	-7	0	0.00	4.20	0
CO19462+	CO19499	10.03	1 1-	4ACSR	0	0	828	295	4	0	0	0.00	4.06	0
CO19460+	CO19483	8.64	2 1-	4ACSR	0	0	949	308	4	0	0	0.00	3.40	0
CO19624+	CO19477	8.56	12 1-	4ACSR	0	0	959	309	33	2	2	0.00	3.38	0
OC585+	CO19624	8.56	12 1-	10 N FUSE	0	0	959	309	33	2	23	0.00	3.38	0
CO19625+	OC585	8.66	12 1-	4ACSR	0	0	945	307	33	2	2	0.00	3.38	0
CO19482+	CO19625	8.74	10 1-	4ACSR	0	0	935	306	24	1	1	0.00	3.38	0
CO19479+	CO19482	8.82	8 1-	4ACSR	0	0	925	305	22	1	1	0.00	3.39	0
CO19480+	CO19479	8.87	8 1-	4ACSR	0	0	918	304	22	1	1	0.00	3.39	0
CO19481+	CO19480	8.95	7 1-	4ACSR	0	0	908	302	18	1	1	0.00	3.39	0
CO23722+	CO19481	9.04	5 1-	4ACSR	0	0	896	301	12	0	1	0.00	3.39	0
CO23721+	CO23722	9.11	1 1-	2ACSR	0	0	890	300	0	0	0	0.00	3.39	0
CO19833+	CO23722	9.12	1 1-	4ACSR	0	0	888	299	0	0	0	0.00	3.39	0
CO19807+	CO23722	9.13	3 1-	4ACSR	0	0	886	299	11	0	1	0.00	3.39	0
CO19832+	CO19807	9.20	3 1-	4ACSR	0	0	878	298	11	0	1	0.00	3.39	0
CO19831+	CO19832	9.27	1 1-	4ACSR	0	0	869	297	5	0	0	0.00	3.40	0
CO19591+	CO19539	8.08	4 1-	4ACSR	0	0	1007	313	20	1	1	0.00	3.10	0
CO19458+	CO19591	8.17	2 1-	4ACSR	0	0	993	312	7	0	0	0.00	3.10	0
CO19590+	CO19591	8.09	1 1-	4ACSR	0	0	1004	313	5	0	0	0.00	3.10	0
CO23720+	CO19590	8.23	1 1-	4ACSR	0	0	985	310	5	0	0	0.00	3.10	0
CO19464+	CO19454	7.83	0 1-	1/0ACSR	0	0	1037	316	0	0	0	0.00	2.97	0
CO20495+	CO20449	7.29	1 1-	4ACSR	0	0	1086	318	17	1	1	0.00	2.73	0
CO20781+	CO20780	7.04	4 1-	4ACSR	0	0	1123	322	5	0	0	0.00	2.71	0
CO20782+	CO20781	7.10	3 1-	4ACSR	0	0	1113	321	3	0	0	0.00	2.71	0
CO20776+	CO20775	6.91	3 1-	4ACSR	0	0	1140	323	27	1	1	0.00	2.68	0
CO20777+	CO20776	6.93	1 1-	4ACSR	0	0	1136	323	7	0	0	0.00	2.68	0
CO20494+	CO20580	6.65	1 1-	4ACSR	0	0	1168	324	12	0	1	0.00	2.61	0
CO20584+	CO20464	6.27	185 3-	1/0ACSR	1452	1364	1220	328	1059	24	11	0.00	2.52	4
CO20583+	CO20584	6.59	185 3-	1/0ACSR	1406	1319	1172	324	1059	24	11	0.07	2.59	111
CO20783+	CO20583	6.70	185 3-	4ACSR	1387	1302	1152	322	1058	24	18	0.05	2.64	90
CO20784+	CO20783	6.73	183 3-	4ACSR	1382	1298	1147	322	1049	24	17	0.01	2.66	24
CO20450+	CO20784	6.77	29 3-	4ACSR	1374	1291	1139	321	420	9	7	0.01	2.67	6
CO20451+	CO20450	6.80	27 3-	4ACSR	1368	1285	1133	320	405	9	7	0.01	2.67	4
CO20668+	CO20451	6.84	1 3-	4ACSR	1361	1279	1126	319	207	4	3	0.00	2.68	0
CO20667+	CO20668	6.88	1 3-	4ACSR	1354	1273	1119	319	207	4	3	0.00	2.68	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20666+	CO20667	6.92	0 3-	4ACSR	1346	1266	1111	318	0	0	0	0.00	2.68	0
220439022+	CO20667	6.88	1 3-	Consumer	1354	1273	1119	319	207	4	0	0.00	2.68	0
CO20453+	CO20451	6.87	24 3-	4ACSR	1356	1275	1121	319	191	4	3	0.01	2.68	0
CO20454+	CO20453	6.92	18 3-	4ACSR	1347	1267	1112	318	108	2	2	0.00	2.68	0
CO20503+	CO20454	6.97	4 1-	4ACSR	0	0	1103	317	10	0	0	0.00	2.68	0
CO20455+	CO20454	7.01	13 3-	4ACSR	1330	1252	1096	316	96	2	2	0.00	2.68	0
CO20801+	CO20455	7.05	6 1-	4ACSR	0	0	1088	315	21	1	1	0.00	2.69	0
CO20802+	CO20801	7.08	5 1-	4ACSR	0	0	1083	315	21	1	1	0.00	2.69	0
CO20656+	CO20802	7.14	4 1-	4ACSR	0	0	1073	314	8	0	0	0.00	2.69	0
CO20799+	CO20455	7.04	3 3-	4ACSR	1325	1248	1091	316	57	1	1	0.00	2.68	0
CO20800+	CO20799	7.08	2 3-	4ACSR	1316	1240	1083	315	55	1	1	0.00	2.69	0
CO20655+	CO20455	7.04	2 1-	4ACSR	0	0	1090	315	8	0	0	0.00	2.68	0
CO20803+	CO20655	7.09	2 1-	4ACSR	0	0	1082	315	8	0	0	0.00	2.68	0
CO20804+	CO20803	7.19	2 1-	4ACSR	0	0	1064	313	8	0	0	0.00	2.69	0
CO20504+	CO20455	7.07	2 1-	4ACSR	0	0	1086	315	10	0	1	0.00	2.68	0
CO20797+	CO20453	6.89	4 1-	4ACSR	0	0	1116	318	69	4	3	0.00	2.68	0
CO20798+	CO20797	6.91	3 1-	4ACSR	0	0	1113	318	36	2	2	0.00	2.68	0
CO20493+	CO20450	6.80	2 1-	4ACSR	0	0	1134	320	15	1	1	0.00	2.67	0
CO20452+	CO20784	6.78	147 3-	4ACSR	1371	1288	1136	320	598	13	10	0.02	2.67	16
CO20793+	CO20452	6.79	145 3-	4ACSR	1369	1287	1134	320	588	13	10	0.00	2.68	2
CO20794+	CO20793	6.86	145 3-	4ACSR	1356	1275	1122	319	588	13	10	0.02	2.69	19
CO20596+	CO20794	6.92	144 3-	4ACSR	1347	1267	1112	318	584	13	10	0.01	2.71	13
CO-553761075+	CO20596	6.98	138 3-	336ACSR	1342	1262	1107	318	548	12	2	0.00	2.71	0
CO20608+	CO-553761075	6.99	1 2-	2ACSR	0	1259	1104	317	8	0	0	0.00	2.71	0
CO20795+	CO-553761075	7.00	137 3-	336ACSR	1339	1259	1104	317	540	12	2	0.00	2.71	0
CO20796+	CO20795	7.04	135 3-	336ACSR	1336	1256	1101	317	487	11	2	0.00	2.71	0
CO-214774617+	CO20796	7.06	0 1-	2ACSR	0	0	1098	317	0	0	0	0.00	2.71	0
CO20695+	CO20796	7.07	134 3-	336ACSR	1334	1254	1099	317	486	11	2	0.00	2.71	0
CO20694+	CO20695	7.13	133 3-	336ACSR	1328	1248	1093	317	483	11	2	0.00	2.72	0
CO1841850571+	CO20694	7.18	129 3-	2ACSR	1321	1241	1086	316	470	10	6	0.01	2.72	5
CO1764316096+	CO1841850571	7.22	129 3-	2ACSR	1316	1237	1080	316	470	10	6	0.01	2.73	4
OC1275142750+	CO1764316096	7.22	129 3-	15 N FUSE	1316	1237	1080	316	470	10	73	0.00	2.73	0
CO1208531917+	OC1275142750	7.37	129 3-	2ACSR	1293	1216	1058	314	470	10	6	0.02	2.75	17
CO935931541+	CO1208531917	7.49	129 3-	2ACSR	1276	1200	1042	312	470	10	6	0.02	2.77	12
CO-785237503+	CO935931541	7.71	129 3-	2ACSR	1244	1171	1012	309	470	10	6	0.03	2.80	25
SW3-A+	CO-785237503	7.71	129 3-	Closed	1244	1171	1012	309	470	10	0	0.00	2.80	0
SW3-B+	SW3-A	7.71	129 3-	Closed	1244	1171	1012	309	470	10	0	0.00	2.80	0
CO20593+	SW3-B	7.84	129 3-	4ACSR	1224	1153	993	307	470	10	8	0.03	2.83	22
OC-707599127+	CO20593	7.84	128 3-	15 N FUSE	1224	1153	993	307	465	10	72	0.00	2.83	0
CO20592+	OC-707599127	8.00	128 3-	4ACSR	1197	1129	968	304	465	10	8	0.04	2.86	28
CO20787+	CO20592	8.04	128 3-	4ACSR	1191	1124	963	303	465	10	8	0.01	2.87	6
CO20788+	CO20787	8.09	125 3-	4ACSR	1183	1117	956	302	454	10	8	0.01	2.88	7
CO406367795+	CO20788	8.13	0 1-	2ACSR	0	0	951	302	0	0	0	0.00	2.88	0
CO20591+	CO20788	8.14	125 3-	4ACSR	1174	1109	948	301	454	10	8	0.01	2.89	9
CO20590+	CO20591	8.24	125 3-	4ACSR	1158	1095	934	300	454	10	8	0.02	2.91	17
CO20789+	CO20590	8.31	125 3-	4ACSR	1148	1086	925	299	454	10	8	0.01	2.93	10
CO20790+	CO20789	8.38	125 3-	4ACSR	1137	1077	916	297	454	10	8	0.01	2.94	11
CO20497+	CO20790	8.42	2 1-	4ACSR	0	0	910	297	1	0	0	0.00	2.94	0
CO20595+	CO20790	8.62	120 3-	4ACSR	1100	1044	883	293	447	10	7	0.05	2.99	38
CO23693+	CO20595	8.75	118 3-	4ACSR	1081	1028	867	291	441	10	7	0.03	3.02	19
CO20993+	CO23693	8.81	118 3-	4ACSR	1073	1020	860	290	441	10	7	0.01	3.03	9
CO20994+	CO20993	8.92	118 3-	4ACSR	1057	1006	847	288	441	10	7	0.02	3.05	17

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20995+	CO20994	8.99	118 3-	4ACSR	1047	997	838	287	441	10	7	0.01	3.07	11
CO20996+	CO20995	9.05	113 3-	4ACSR	1038	990	831	286	424	9	7	0.01	3.08	8
CO20997+	CO20996	9.12	111 3-	4ACSR	1028	981	823	285	417	9	7	0.01	3.09	10
CO20975+	CO20997	9.20	6 1-	4ACSR	0	0	814	284	13	0	1	0.00	3.09	0
CO20916+	CO20975	9.25	2 1-	4ACSR	0	0	808	283	4	0	0	0.00	3.09	0
CO20998+	CO20975	9.24	1 1-	4ACSR	0	0	810	283	1	0	0	0.00	3.09	0
CO20999+	CO20998	9.28	1 1-	4ACSR	0	0	805	283	1	0	0	0.00	3.09	0
CO21000+	CO20997	9.17	101 3-	4ACSR	1021	974	817	284	391	9	7	0.01	3.10	6
CO21001+	CO21000	9.24	99 3-	4ACSR	1013	967	810	283	385	8	6	0.01	3.11	7
CO21002+	CO21001	9.28	98 3-	4ACSR	1008	962	805	283	382	8	6	0.01	3.12	5
CO20896+	CO21002	9.42	94 3-	4ACSR	989	946	790	280	368	8	6	0.02	3.14	15
CO20979+	CO20896	9.48	4 1-	4ACSR	0	0	783	279	21	1	1	0.00	3.14	0
CO20978+	CO20979	9.52	2 1-	4ACSR	0	0	779	279	9	0	0	0.00	3.14	0
CO20897+	CO20896	9.47	89 3-	4ACSR	983	940	785	280	342	7	6	0.01	3.15	5
CO20918+	CO20897	9.53	3 1-	4ACSR	0	0	778	279	6	0	0	0.00	3.15	0
CO20898+	CO20897	9.52	83 3-	4ACSR	976	934	779	279	326	7	5	0.01	3.16	5
CO20899+	CO20898	9.65	83 3-	4ACSR	959	919	765	277	326	7	5	0.02	3.18	11
CO20957+	CO20899	9.72	79 3-	6HDCU	951	911	759	276	319	7	6	0.01	3.19	5
CO21004+	CO20957	9.88	79 3-	6HDCU	932	895	744	274	319	7	6	0.02	3.21	12
CO30554+	CO21004	9.98	78 3-	6HDCU	921	884	734	272	312	7	6	0.01	3.23	7
OC847822155+	CO30554	9.98	77 3-	15 N FUSE	921	884	734	272	306	7	48	0.00	3.23	0
CO20956+	OC847822155	10.14	77 3-	6HDCU	903	868	719	270	306	7	5	0.02	3.25	11
CO20955+	CO20956	10.20	75 3-	6HDCU	896	862	714	269	290	6	5	0.01	3.25	4
CO20954+	CO20955	10.34	75 3-	6HDCU	881	848	702	267	290	6	5	0.02	3.27	9
CO20900+	CO20954	10.44	73 3-	6HDCU	871	839	694	266	285	6	5	0.01	3.29	6
CO20901+	CO20900	10.51	72 3-	6HDCU	863	832	687	265	275	6	5	0.01	3.30	5
CO20923+	CO20901	10.59	1 1-	4ACSR	0	0	681	264	9	0	0	0.00	3.30	0
CO20902+	CO20901	10.58	69 3-	6HDCU	856	825	681	264	260	6	5	0.01	3.30	4
CO20959+	CO20902	10.65	67 3-	6HDCU	849	819	676	263	249	5	4	0.01	3.31	3
CO20958+	CO20959	10.74	67 3-	6HDCU	840	811	669	262	249	5	4	0.01	3.32	4
CO20984+	CO20958	10.77	0 1-	4ACSR	0	0	666	261	0	0	0	0.00	3.32	0
CO20983+	CO20984	10.86	0 1-	4ACSR	0	0	659	260	0	0	0	0.00	3.32	0
CO20982+	CO20983	10.92	0 1-	4ACSR	0	0	655	259	0	0	0	0.00	3.32	0
CO21005+	CO20958	10.77	67 3-	6HDCU	837	809	666	261	249	5	4	0.00	3.32	0
CO21006+	CO21005	10.82	64 3-	6HDCU	832	804	662	261	238	5	4	0.01	3.33	2
CO21007+	CO21006	11.00	63 3-	6HDCU	815	789	649	258	236	5	4	0.02	3.35	8
CO21039+	CO21007	11.14	0 1-	4ACSR	0	0	638	257	0	0	0	0.00	3.35	0
CO21040+	CO21039	11.14	0 1-	4ACSR	0	0	638	256	0	0	0	0.00	3.35	0
SW635-A+	CO21040	11.14	0 1-	Open	0	0	638	256	0	0	0	0.00	3.35	0
CO20925+	CO21007	11.03	1 1-	4ACSR	0	0	647	258	2	0	0	0.00	3.35	0
CO20961+	CO21007	11.03	62 3-	6HDCU	812	786	646	258	234	5	4	0.00	3.35	0
CO20926+	CO20961	11.08	1 1-	2ACSR	0	0	643	257	3	0	0	0.00	3.35	0
CO20960+	CO20961	11.07	61 3-	6HDCU	808	782	643	257	231	5	4	0.00	3.36	0
CO21045+	CO20960	11.12	60 3-	6HDCU	803	778	639	257	225	5	4	0.01	3.36	0
CO21028+	CO21045	11.14	59 3-	6HDCU	802	776	638	257	223	5	4	0.00	3.36	0
CO21029+	CO21028	11.28	58 3-	6HDCU	790	765	628	255	215	5	4	0.01	3.38	5
CO20964+	CO21029	11.46	34 3-	6HDCU	774	750	616	253	126	2	2	0.01	3.39	2
CO20963+	CO20964	11.52	34 3-	6HDCU	768	745	612	252	126	2	2	0.00	3.39	0
CO20962+	CO20963	11.57	34 3-	6HDCU	764	741	608	251	126	2	2	0.00	3.39	0
CO21036+	CO20962	11.62	3 1-	4ACSR	0	0	605	251	10	0	0	0.00	3.39	0
CO21037+	CO21036	11.73	1 1-	4ACSR	0	0	598	249	5	0	0	0.00	3.40	0
CO20903+	CO20962	11.65	31 3-	6HDCU	757	735	603	250	117	2	2	0.00	3.40	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21047+	CO20903	11.85	31 3-	6HDCU	741	720	590	248	117	2	2	0.01	3.41	0
CO21038+	CO21047	11.89	30 3-	6HDCU	738	717	587	247	116	2	2	0.00	3.41	0
CO20971+	CO21038	11.96	0 1-	4ACSR	0	0	583	246	0	0	0	0.00	3.41	0
CO21048+	CO20971	12.04	0 1-	4ACSR	0	0	578	246	0	0	0	0.00	3.41	0
CO21041+	CO21038	11.97	30 3-	6HDCU	732	712	583	246	116	2	2	0.00	3.41	0
CO-1488958710+	CO21041	12.02	1 1-	2ACSR	0	0	580	246	7	0	0	0.00	3.42	0
CO23277+	CO21041	12.01	1 3-	2ACSR	730	710	581	246	10	0	0	0.00	3.41	0
CO23675+	CO21041	12.12	27 3-	6HDCU	720	701	574	245	85	1	2	0.01	3.42	0
CO23293+	CO23675	12.26	27 3-	6HDCU	709	691	565	243	85	1	2	0.01	3.43	0
OC1967254615+	CO23293	12.26	0 3-	15 N FUSE	709	691	565	243	0	0	0	0.00	3.43	0
AU818806806+	CO23293	12.26	27 3-	333 KVA 1PH AUT	380	362	331	209	85	1	9	0.08	3.51	0
CO23288+	AU818806806	12.50	27 3-	6HDCU	376	359	327	207	85	1	2	0.01	3.52	0
CO23278+	CO23288	12.55	1 1-	2ACSR	0	0	326	206	7	0	0	0.00	3.52	0
CO23289+	CO23288	12.54	26 3-	6HDCU	376	358	326	206	79	1	1	0.00	3.52	0
CO23287+	CO23289	12.84	25 3-	6HDCU	371	354	321	204	72	1	1	0.01	3.53	0
CO23303+	CO23287	12.97	23 3-	6HDCU	369	352	319	203	72	1	1	0.00	3.53	0
CO23304+	CO23303	12.98	23 3-	6HDCU	369	352	319	203	72	1	1	0.00	3.54	0
CO23299+	CO23304	13.04	21 3-	6HDCU	368	351	318	202	62	1	1	0.00	3.54	0
CO23300+	CO23299	13.22	21 3-	6HDCU	365	348	315	201	62	1	1	0.00	3.54	0
CO23286+	CO23300	13.38	20 3-	6HDCU	362	346	313	200	56	1	1	0.00	3.55	0
CO23285+	CO23286	13.57	19 3-	6HDCU	360	343	310	198	56	1	1	0.00	3.55	0
CO23271+	CO23285	13.62	18 3-	6HDCU	359	343	309	198	51	1	1	0.00	3.55	0
CO23282+	CO23271	13.67	3 1-	4ACSR	0	0	308	197	9	0	0	0.00	3.55	0
CO23283+	CO23282	13.71	2 1-	4ACSR	0	0	308	197	6	0	0	0.00	3.55	0
CO23284+	CO23283	13.79	1 1-	4ACSR	0	0	306	197	0	0	0	0.00	3.55	0
CO23281+	CO23271	13.65	14 3-	6HDCU	358	342	308	198	33	0	1	0.00	3.55	0
CO23297+	CO23281	13.76	13 3-	6HDCU	357	341	307	197	27	0	0	0.00	3.55	0
CO23298+	CO23297	13.83	13 3-	6HDCU	356	340	306	196	27	0	0	0.00	3.55	0
CO23276+	CO23298	14.00	0 1-	4ACSR	0	0	303	195	0	0	0	0.00	3.55	0
CO23280+	CO23298	13.89	12 3-	6HDCU	355	339	305	196	27	0	0	0.00	3.56	0
CO23295+	CO23280	13.97	11 3-	6HDCU	354	338	304	195	22	0	0	0.00	3.56	0
CO23296+	CO23295	14.08	11 3-	6HDCU	352	336	302	194	22	0	0	0.00	3.56	0
CO23294+	CO23296	14.10	11 3-	6HDCU	352	336	302	194	22	0	0	0.00	3.56	0
CO23279+	CO23294	14.16	10 3-	6HDCU	351	335	301	194	15	0	0	0.00	3.56	0
CO23674+	CO23279	14.42	10 3-	6HDCU	347	332	297	192	15	0	0	0.00	3.56	0
CO23328+	CO23674	14.56	10 3-	6HDCU	345	330	295	191	15	0	0	0.00	3.56	0
CO23329+	CO23328	14.89	9 3-	6HDCU	340	326	290	189	13	0	0	0.00	3.56	0
CO23330+	CO23329	14.93	9 3-	6HDCU	340	325	290	188	13	0	0	0.00	3.56	0
CO23311+	CO23330	15.06	9 3-	6HDCU	338	323	288	187	13	0	0	0.00	3.56	0
CO23326+	CO23311	15.13	1 1-	4ACSR	0	0	287	187	0	0	0	0.00	3.56	0
CO23312+	CO23311	15.47	8 3-	6HDCU	332	318	282	185	13	0	0	0.00	3.57	0
CO23367+	CO23312	15.48	7 1-	6HDCU	0	0	282	184	11	0	1	0.00	3.57	0
OC707+	CO23367	15.48	7 1-	25 H OCR	0	0	282	184	11	0	3	0.00	3.57	0
CO23368+	OC707	15.80	7 1-	6HDCU	0	0	278	182	11	0	1	0.01	3.57	0
CO23339+	CO23368	16.15	7 1-	6HDCU	0	0	274	180	11	0	1	0.01	3.58	0
CO23340+	CO23339	16.17	7 1-	6HDCU	0	0	273	180	11	0	1	0.00	3.58	0
CO23341+	CO23340	16.20	7 1-	6HDCU	0	0	273	180	11	0	1	0.00	3.58	0
CO23342+	CO23341	16.60	7 1-	6HDCU	0	0	268	177	11	0	1	0.01	3.59	0
CO23373+	CO23342	16.70	7 1-	6HDCU	0	0	267	177	11	0	1	0.00	3.59	0
CO23371+	CO23373	16.82	7 1-	6HDCU	0	0	266	176	11	0	1	0.00	3.59	0
CO23372+	CO23371	17.08	7 1-	6HDCU	0	0	262	174	11	0	1	0.00	3.59	0
CO23360+	CO23372	17.23	7 1-	6HDCU	0	0	261	174	11	0	1	0.00	3.60	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23306+	CO23360	17.29	7 1-	6HDCU	0	0	260	173	11	0	1	0.00	3.60	0
CO23307+	CO23306	17.54	7 1-	6HDCU	0	0	257	172	11	0	1	0.00	3.60	0
CO23343+	CO23307	17.59	5 1-	6HDCU	0	0	256	171	8	0	0	0.00	3.60	0
CO23344+	CO23343	17.73	5 1-	6HDCU	0	0	255	171	8	0	0	0.00	3.60	0
CO23319+	CO23344	17.77	0 1-	4ACSR	0	0	255	170	0	0	0	0.00	3.60	0
CO23308+	CO23344	17.90	5 1-	6HDCU	0	0	253	170	8	0	0	0.00	3.61	0
CO23363+	CO23308	17.96	4 1-	6HDCU	0	0	252	169	7	0	0	0.00	3.61	0
CO23364+	CO23363	18.06	3 1-	6HDCU	0	0	251	169	7	0	0	0.00	3.61	0
CO23346+	CO23364	18.09	3 1-	6HDCU	0	0	251	169	7	0	0	0.00	3.61	0
CO23345+	CO23346	18.13	3 1-	6HDCU	0	0	251	168	7	0	0	0.00	3.61	0
CO23347+	CO23345	18.20	1 1-	4ACSR	0	0	250	168	0	0	0	0.00	3.61	0
CO23348+	CO23347	18.22	1 1-	4ACSR	0	0	250	168	0	0	0	0.00	3.61	0
CO23323+	CO23348	18.33	1 1-	4ACSR	0	0	248	167	0	0	0	0.00	3.61	0
CO23349+	CO23348	18.31	0 1-	4ACSR	0	0	249	167	0	0	0	0.00	3.61	0
CO23350+	CO23349	18.42	0 1-	4ACSR	0	0	247	167	0	0	0	0.00	3.61	0
CO23365+	CO23345	18.17	2 1-	4ACSR	0	0	250	168	7	0	0	0.00	3.61	0
CO23366+	CO23365	18.20	1 1-	4ACSR	0	0	250	168	0	0	0	0.00	3.61	0
CO23369+	CO23345	18.13	0 1-	4ACSR	0	0	250	168	0	0	0	0.00	3.61	0
SW708-B+	CO23369	18.13	0 1-	Closed	0	0	250	168	0	0	0	0.00	3.61	0
SW708-A+	SW708-B	18.13	0 1-	Closed	0	0	250	168	0	0	0	0.00	3.61	0
CO23370+	SW708-A	18.33	0 1-	4ACSR	0	0	248	167	0	0	0	0.00	3.61	0
CO23351+	CO23370	18.37	0 1-	4ACSR	0	0	248	167	0	0	0	0.00	3.61	0
CO23324+	CO23351	18.43	0 1-	4ACSR	0	0	247	167	0	0	0	0.00	3.61	0
CO23352+	CO23351	18.56	0 1-	4ACSR	0	0	246	166	0	0	0	0.00	3.61	0
CO23353+	CO23352	18.60	0 1-	4ACSR	0	0	245	166	0	0	0	0.00	3.61	0
CO23354+	CO23353	18.70	0 1-	4ACSR	0	0	244	165	0	0	0	0.00	3.61	0
CO23309+	CO23308	17.96	1 1-	4ACSR	0	0	252	169	0	0	0	0.00	3.61	0
CO23322+	CO23309	18.01	0 1-	4ACSR	0	0	252	169	0	0	0	0.00	3.61	0
CO23310+	CO23309	18.00	1 1-	4ACSR	0	0	252	169	0	0	0	0.00	3.61	0
CO23321+	CO23310	18.31	1 1-	4ACSR	0	0	249	167	0	0	0	0.00	3.61	0
CO23320+	CO23310	18.04	0 1-	4ACSR	0	0	251	169	0	0	0	0.00	3.61	0
CO23318+	CO23307	17.62	2 1-	4ACSR	0	0	256	171	3	0	0	0.00	3.60	0
CO23317+	CO23306	17.33	0 1-	4ACSR	0	0	260	173	0	0	0	0.00	3.60	0
CO23361+	CO23360	17.40	0 1-	6ACSR	0	0	258	172	0	0	0	0.00	3.60	0
CO23362+	CO23361	17.44	0 1-	6ACSR	0	0	257	172	0	0	0	0.00	3.60	0
CO23316+	CO23373	16.76	0 1-	4ACSR	0	0	266	176	0	0	0	0.00	3.59	0
CO23327+	CO23342	16.67	0 1-	4ACSR	0	0	267	177	0	0	0	0.00	3.59	0
CO23333+	CO23312	15.75	1 3-	6HDCU	328	315	279	183	3	0	0	0.00	3.57	0
CO23334+	CO23333	15.88	0 3-	6HDCU	327	313	277	182	0	0	0	0.00	3.57	0
CO23335+	CO23334	16.13	0 3-	6HDCU	323	310	274	180	0	0	0	0.00	3.57	0
CO23673+	CO23335	16.41	0 3-	6HDCU	320	307	270	178	0	0	0	0.00	3.57	0
CO21152+	CO23673	16.44	0 3-	6HDCU	319	306	270	178	0	0	0	0.00	3.57	0
CO21087+	CO21152	16.56	0 1-	4ACSR	0	0	269	178	0	0	0	0.00	3.57	0
CO21085+	CO21152	16.52	0 3-	6HDCU	318	305	269	178	0	0	0	0.00	3.57	0
CO21086+	CO21085	16.56	0 1-	4ACSR	0	0	269	178	0	0	0	0.00	3.57	0
CO23336+	CO23335	16.19	0 1-	4ACSR	0	0	273	180	0	0	0	0.00	3.57	0
CO23337+	CO23336	16.66	0 1-	4ACSR	0	0	267	177	0	0	0	0.00	3.57	0
CO23338+	CO23337	16.93	0 1-	4ACSR	0	0	264	175	0	0	0	0.00	3.57	0
CO23331+	CO23330	15.09	0 1-	4ACSR	0	0	288	187	0	0	0	0.00	3.56	0
CO23332+	CO23331	15.16	0 1-	4ACSR	0	0	287	187	0	0	0	0.00	3.56	0
CO23325+	CO23328	14.64	1 1-	4ACSR	0	0	294	190	2	0	0	0.00	3.56	0
CO23275+	CO23271	13.69	1 1-	4ACSR	0	0	308	197	10	0	0	0.00	3.55	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23274+	CO23285	13.67	1 1-	4ACSR	0	0	308	197	5	0	0	0.00	3.55	0
CO23301+	CO23304	13.07	2 1-	4ACSR	0	0	318	202	9	0	0	0.00	3.54	0
CO23302+	CO23301	13.09	2 1-	4ACSR	0	0	317	202	9	0	0	0.00	3.54	0
CO-1313213875+	CO23302	13.13	1 1-	2ACSR	0	0	317	202	1	0	0	0.00	3.54	0
CO23273+	CO23287	12.91	2 1-	4ACSR	0	0	320	203	0	0	0	0.00	3.53	0
CO23290+	CO23293	12.31	0 1-	4ACSR	0	0	562	242	0	0	0	0.00	3.43	0
CO23291+	CO23290	12.37	0 1-	4ACSR	0	0	558	242	0	0	0	0.00	3.43	0
CO23272+	CO23291	12.40	0 1-	4ACSR	0	0	557	241	0	0	0	0.00	3.43	0
CO20989+	CO20962	11.77	0 1-	4ACSR	0	0	595	249	0	0	0	0.00	3.39	0
CO20988+	CO20989	11.90	0 1-	4ACSR	0	0	587	247	0	0	0	0.00	3.39	0
CO20986+	CO21029	11.31	20 1-	4ACSR	0	0	626	254	73	5	4	0.00	3.38	0
CO20987+	CO20986	11.36	17 1-	4ACSR	0	0	622	254	60	4	3	0.00	3.39	0
CO21032+	CO20987	11.41	10 1-	4ACSR	0	0	619	253	37	2	2	0.00	3.39	0
CO21033+	CO21032	11.43	6 1-	4ACSR	0	0	618	253	26	1	1	0.00	3.39	0
CO21034+	CO21033	11.45	6 1-	4ACSR	0	0	616	253	26	1	1	0.00	3.39	0
CO21035+	CO21034	11.50	2 1-	4ACSR	0	0	613	252	10	0	1	0.00	3.39	0
CO21030+	CO20987	11.40	3 1-	4ACSR	0	0	619	253	12	0	1	0.00	3.39	0
CO21031+	CO21030	11.43	2 1-	4ACSR	0	0	618	253	8	0	0	0.00	3.39	0
CO20985+	CO20986	11.35	3 1-	4ACSR	0	0	623	254	13	0	1	0.00	3.38	0
CO21025+	CO20960	11.12	1 1-	4ACSR	0	0	640	257	6	0	0	0.00	3.36	0
CO21026+	CO21025	11.21	0 1-	4ACSR	0	0	633	256	0	0	0	0.00	3.36	0
CO20924+	CO20902	10.64	2 1-	4ACSR	0	0	677	263	11	0	1	0.00	3.30	0
CO20981+	CO20900	10.46	1 1-	4ACSR	0	0	692	265	11	0	1	0.00	3.29	0
CO20980+	CO20981	10.52	1 1-	4ACSR	0	0	687	265	11	0	1	0.00	3.29	0
CO20922+	CO20954	10.40	2 1-	4ACSR	0	0	696	266	5	0	0	0.00	3.27	0
CO20921+	CO20899	9.71	1 1-	4ACSR	0	0	760	276	3	0	0	0.00	3.18	0
CO20920+	CO20899	9.72	3 1-	4ACSR	0	0	759	276	4	0	0	0.00	3.18	0
CO20977+	CO21002	9.37	3 1-	4ACSR	0	0	796	281	13	0	1	0.00	3.12	0
CO20976+	CO20977	9.41	1 1-	4ACSR	0	0	791	281	7	0	0	0.00	3.12	0
CO20791+	CO20790	8.45	3 1-	4ACSR	0	0	906	296	6	0	0	0.00	2.94	0
CO20792+	CO20791	8.48	2 1-	4ACSR	0	0	902	296	4	0	0	0.00	2.94	0
CO-37695439+	CO20593	7.87	1 1-	2ACSR	0	0	989	307	5	0	0	0.00	2.83	0
CO20525+	CO-37695439	7.93	1 1-	2ACSR	0	0	981	306	5	0	0	0.00	2.83	0
CO-615549715+	CO20525	8.24	0 1-	2ACSR	0	0	944	302	0	0	0	0.00	2.83	0
CO20594+	CO-615549715	8.37	0 1-	4ACSR	0	0	927	300	0	0	0	0.00	2.83	0
CO20693+	CO20694	7.18	4 1-	4ACSR	0	0	1085	316	13	0	1	0.00	2.72	0
CO20692+	CO20693	7.21	2 1-	4ACSR	0	0	1079	315	7	0	0	0.00	2.72	0
CO20609+	CO20596	6.96	4 2-	2ACSR	0	1261	1106	317	17	0	0	0.00	2.71	0
CO20697+	CO20452	6.81	2 1-	4ACSR	0	0	1132	320	10	0	0	0.00	2.67	0
CO20696+	CO20697	6.85	1 1-	4ACSR	0	0	1125	319	7	0	0	0.00	2.67	0
CO20785+	CO20784	6.78	7 1-	4ACSR	0	0	1137	321	30	2	2	0.00	2.66	0
CO20786+	CO20785	6.81	5 1-	4ACSR	0	0	1131	320	25	1	1	0.00	2.66	0
OC1816114868+	CO20786	6.81	4 1-	15 N FUSE	0	0	1131	320	24	1	11	0.00	2.66	0
CO20661+	OC1816114868	6.86	3 1-	4ACSR	0	0	1123	319	14	0	1	0.00	2.66	0
CO20660+	CO20661	6.88	3 1-	4ACSR	0	0	1119	319	14	0	1	0.00	2.66	0
CO20825+	OC1816114868	6.89	1 1-	4ACSR	0	0	1117	318	10	0	1	0.00	2.66	0
CO20826+	CO20825	6.98	1 1-	4ACSR	0	0	1101	317	10	0	1	0.00	2.66	0
CO20589+	CO20826	7.01	1 1-	4ACSR	0	0	1097	316	10	0	1	0.00	2.66	0
CO20659+	CO20589	7.07	1 1-	4ACSR	0	0	1085	315	10	0	1	0.00	2.67	0
CO20658+	CO20659	7.21	1 1-	4ACSR	0	0	1061	312	10	0	1	0.00	2.67	0
CO20657+	CO20658	7.27	1 1-	4ACSR	0	0	1051	311	10	0	1	0.00	2.67	0
CO20447+	CO20442	6.16	3 3-	4ACSR	1459	1372	1227	327	84	1	1	0.00	2.49	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20670+	CO20447	6.23	2 1-	4ACSR	0	0	1213	326	2	0	0	0.00	2.49	0
CO20669+	CO20670	6.29	1 1-	4ACSR	0	0	1201	325	0	0	0	0.00	2.49	0
CO20463+	CO20441	6.03	73 3-	6ACWC	1477	1390	1247	329	1261	29	21	0.00	2.47	4
CO20611+	CO20463	6.04	9 3-	4ACSR	1476	1388	1245	328	591	13	10	0.00	2.47	2
CO20610+	CO20611	6.08	7 3-	4ACSR	1468	1381	1236	328	590	13	10	0.01	2.48	11
CO20754+	CO20610	6.11	4 3-	4ACSR	1462	1375	1230	327	553	12	9	0.01	2.49	7
CO20755+	CO20754	6.22	2 3-	4ACSR	1441	1357	1209	325	546	12	9	0.03	2.52	24
CO20756+	CO20755	6.24	2 3-	4ACSR	1435	1352	1203	324	546	12	9	0.01	2.52	7
CO1148803847+	CO20756	6.25	2 3-	1/0PRIURD	1435	1351	1202	675	546	12	8	0.00	2.52	0
220438101+	CO1148803847	6.25	1 3-	Consumer	1435	1351	1202	675	546	12	0	0.00	2.52	0
CO20598+	CO20756	6.29	0 3-	4ACSR	1426	1343	1193	323	0	0	0	0.00	2.52	0
CO20597+	CO20598	6.32	0 3-	4ACSR	1420	1338	1188	323	0	0	0	0.00	2.52	0
XFMR166	CO20463	6.03	64 3-	500 KVA 1PH AUT	1049	1026	985	175	670	15	45	0.58	3.05	0
CO-965566537	XFMR166	6.07	64 3-	2ACSR	1043	1019	977	174	670	31	17	0.03	3.09	37
CO20523	CO-965566537	6.07	1 3-	2ACSR	1043	1019	976	174	118	5	3	0.00	3.09	0
CO20808	CO20523	6.08	1 3-	1/0PRIURD	1043	1019	975	416	118	5	4	0.00	3.09	0
220438205	CO20808	6.08	1 3-	Consumer	1043	1019	975	416	118	5	0	0.00	3.09	0
CO2084297266	CO-965566537	6.14	63 3-	2ACSR	1034	1009	964	174	551	25	14	0.04	3.13	38
CO-312727103	CO2084297266	6.20	63 3-	2ACSR	1024	998	950	173	551	25	14	0.05	3.18	41
CO-830833601	CO-312727103	6.25	63 3-	2ACSR	1017	991	941	173	551	25	14	0.03	3.21	28
CO1439602964	CO-830833601	6.29	56 3-	2ACSR	1011	983	933	173	430	20	11	0.02	3.23	16
CO20500	CO1439602964	6.30	1 3-	4ACSR	1010	983	932	173	203	9	7	0.00	3.23	0
CO-1764000829	CO20500	6.33	0 3-	1/0PRIURD	1009	981	927	404	0	0	0	0.00	3.23	0
220438201	CO20500	6.30	1 3-	Consumer	1010	983	932	173	203	9	0	0.00	3.23	0
CO20821	CO1439602964	6.34	55 1-	6ACWC	0	0	922	172	228	31	23	0.07	3.30	27
OC621	CO20821	6.34	55 1-	35 H OCR	0	0	922	172	227	31	91	0.00	3.30	0
CO20822	OC621	6.40	55 1-	6ACWC	0	0	910	171	227	31	23	0.08	3.39	30
CO20607	CO20822	6.42	3 1-	6ACWC	0	0	906	171	4	0	0	0.00	3.39	0
CO20502	CO20607	6.45	2 1-	4ACSR	0	0	900	171	4	0	0	0.00	3.39	0
CO20501	CO20607	6.51	1 1-	4ACSR	0	0	887	170	0	0	0	0.00	3.39	0
CO20600	CO20822	6.43	51 1-	6ACWC	0	0	904	171	222	31	22	0.04	3.43	15
CO20599	CO20600	6.53	48 1-	6ACWC	0	0	884	170	210	29	21	0.12	3.55	43
CO20757	CO20599	6.56	46 1-	6ACWC	0	0	878	170	208	29	21	0.04	3.59	14
CO20758	CO20757	6.63	45 1-	6ACWC	0	0	863	169	208	29	21	0.10	3.69	33
CO20443	CO20758	6.72	42 1-	6ACWC	0	0	845	168	203	28	20	0.12	3.81	39
CO20650	CO20443	6.81	3 1-	4ACSR	0	0	828	167	14	1	1	0.01	3.81	0
CO20649	CO20650	6.83	1 1-	4ACSR	0	0	823	167	4	0	0	0.00	3.81	0
CO20444	CO20443	6.86	37 1-	6ACWC	0	0	819	167	180	25	18	0.16	3.96	46
CO20805	CO20444	6.87	33 1-	6ACWC	0	0	815	166	166	23	17	0.02	3.98	5
CO20806	CO20805	6.89	31 1-	6ACWC	0	0	813	166	158	22	16	0.01	4.00	3
CO20807	CO20806	6.90	28 1-	6ACWC	0	0	811	166	141	19	14	0.01	4.00	2
CO20703	CO20807	6.92	1 1-	2ACSR	0	0	808	166	10	1	1	0.00	4.01	0
CO20702	CO20703	6.97	1 1-	2ACSR	0	0	799	166	10	1	1	0.00	4.01	0
CO20759	CO20807	6.95	27 1-	6ACWC	0	0	800	166	131	18	13	0.05	4.05	10
CO20760	CO20759	7.05	26 1-	6ACWC	0	0	783	165	123	17	12	0.07	4.12	14
CO20490	CO20760	7.17	0 1-	4ACSR	0	0	761	163	0	0	0	0.00	4.12	0
CO20489	CO20760	7.10	0 1-	4ACSR	0	0	772	164	0	0	0	0.00	4.12	0
CO20488	CO20760	7.14	1 1-	4ACSR	0	0	766	164	15	2	2	0.00	4.13	0
CO20445	CO20760	7.11	23 1-	6ACWC	0	0	772	164	100	14	10	0.04	4.16	7
CO20491	CO20445	7.15	1 1-	4ACSR	0	0	764	164	10	1	1	0.00	4.16	0
CO20761	CO20445	7.18	22 1-	6ACWC	0	0	759	163	90	12	9	0.04	4.20	6
CO20762	CO20761	7.24	20 1-	6ACWC	0	0	749	163	85	11	9	0.03	4.23	4

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20492	CO20762	7.33	1 1-	4ACSR	0	0	733	162	0	0	0	0.00	4.23	0
CO20765	CO20762	7.29	15 1-	6ACWC	0	0	740	162	64	9	6	0.02	4.25	2
CO20766	CO20765	7.58	14 1-	6ACWC	0	0	693	159	60	8	6	0.11	4.36	10
CO20767	CO20766	7.79	12 1-	6ACWC	0	0	662	157	55	7	6	0.07	4.43	7
CO20768	CO20767	7.83	11 1-	6ACWC	0	0	657	157	55	7	6	0.01	4.45	0
CO20579	CO20768	7.93	11 1-	6ACWC	0	0	642	156	55	7	6	0.04	4.48	3
CO20769	CO20579	8.04	5 1-	4ACSR	0	0	628	155	27	3	3	0.02	4.50	0
CO20770	CO20769	8.06	4 1-	4ACSR	0	0	625	155	24	3	2	0.00	4.50	0
CO20771	CO20770	8.08	3 1-	4ACSR	0	0	622	155	16	2	2	0.00	4.51	0
CO20521	CO20771	8.12	1 1-	2ACSR	0	0	618	154	2	0	0	0.00	4.51	0
CO20654	CO20771	8.10	2 1-	4ACSR	0	0	620	155	14	1	1	0.00	4.51	0
CO20633	CO20654	8.16	2 1-	4ACSR	0	0	612	154	14	1	1	0.00	4.51	0
CO20632	CO20633	8.33	1 1-	4ACSR	0	0	591	152	8	1	1	0.00	4.52	0
CO20446	CO20579	8.12	5 1-	6ACWC	0	0	617	154	24	3	2	0.03	4.51	0
CO20434	CO20446	8.40	5 1-	6ACWC	0	0	583	152	24	3	2	0.04	4.55	0
CO20540	CO20434	8.62	3 1-	6ACWC	0	0	558	150	20	2	2	0.03	4.58	0
CO20539	CO20540	8.69	3 1-	6ACWC	0	0	551	149	20	2	2	0.01	4.59	0
CO20631	CO20539	8.72	1 1-	4ACSR	0	0	548	149	8	1	1	0.00	4.59	0
CO20630	CO20631	8.78	1 1-	4ACSR	0	0	541	149	8	1	1	0.00	4.59	0
CO20629	CO20630	8.82	1 1-	4ACSR	0	0	538	148	8	1	1	0.00	4.60	0
CO20551	CO20539	8.77	2 1-	4ACSR	0	0	542	149	11	1	1	0.01	4.60	0
CO20772	CO20551	8.84	2 1-	4ACSR	0	0	535	148	11	1	1	0.01	4.60	0
CO20773	CO20772	8.89	2 1-	4ACSR	0	0	530	148	11	1	1	0.00	4.60	0
CO20550	CO20773	8.93	2 1-	4ACSR	0	0	526	147	11	1	1	0.00	4.61	0
CO20704	CO20550	9.00	1 1-	2ACSR	0	0	520	147	0	0	0	0.00	4.61	0
CO23692	CO20704	9.27	1 1-	2ACSR	0	0	500	145	0	0	0	0.00	4.61	0
CO20992	CO23692	9.49	1 1-	2ACSR	0	0	485	144	0	0	0	0.00	4.61	0
CO20549	CO20550	9.08	1 1-	4ACSR	0	0	512	146	11	1	1	0.01	4.62	0
CO20548	CO20549	9.15	1 1-	4ACSR	0	0	505	146	11	1	1	0.01	4.62	0
CO20547	CO20548	9.23	1 1-	4ACSR	0	0	498	145	11	1	1	0.01	4.63	0
CO20480	CO20547	9.32	0 1-	4ACSR	0	0	490	144	0	0	0	0.00	4.63	0
CO20477	CO20547	9.30	1 1-	4ACSR	0	0	492	144	11	1	1	0.00	4.63	0
CO20646	CO20434	8.50	2 1-	4ACSR	0	0	572	151	4	0	0	0.00	4.56	0
CO20699	CO20646	8.59	1 1-	2ACSR	0	0	564	150	4	0	0	0.00	4.56	0
CO20698	CO20699	8.67	1 1-	2ACSR	0	0	556	150	4	0	0	0.00	4.56	0
CO20645	CO20646	8.59	1 1-	4ACSR	0	0	562	150	0	0	0	0.00	4.56	0
CO20763	CO20762	7.35	3 1-	4ACSR	0	0	729	162	6	0	1	0.00	4.23	0
CO20764	CO20763	7.41	0 1-	4ACSR	0	0	721	161	0	0	0	0.00	4.23	0
CO20653	CO20444	6.88	3 1-	4ACSR	0	0	815	166	13	1	1	0.00	3.97	0
CO20652	CO20653	6.90	1 1-	4ACSR	0	0	811	166	5	0	0	0.00	3.97	0
CO20651	CO20652	6.92	1 1-	4ACSR	0	0	806	166	5	0	0	0.00	3.97	0
CO20487	CO20443	6.80	1 1-	4ACSR	0	0	829	167	6	0	1	0.00	3.81	0
CO20486	CO20443	6.81	1 1-	4ACSR	0	0	828	167	3	0	0	0.00	3.81	0
CO20484	CO20758	6.81	0 1-	4ACSR	0	0	827	167	0	0	0	0.00	3.69	0
CO20578	CO20758	6.70	2 1-	4ACSR	0	0	848	168	2	0	0	0.00	3.69	0
CO20577	CO20578	6.76	1 1-	4ACSR	0	0	837	168	0	0	0	0.00	3.69	0
CO20576	CO20577	6.95	1 1-	4ACSR	0	0	800	166	0	0	0	0.00	3.69	0
CO20575	CO20576	7.08	1 1-	4ACSR	0	0	776	164	0	0	0	0.00	3.69	0
CO20574	CO20575	7.25	1 1-	4ACSR	0	0	746	162	0	0	0	0.00	3.69	0
CO20573	CO20574	7.48	1 1-	4ACSR	0	0	708	160	0	0	0	0.00	3.69	0
CO20572	CO20573	7.59	1 1-	4ACSR	0	0	690	159	0	0	0	0.00	3.69	0
CO20485	CO20599	6.58	1 1-	4ACSR	0	0	873	169	2	0	0	0.00	3.55	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20665	CO-830833601	6.26	7 3-	4ACSR	1015	988	939	173	121	5	4	0.00	3.21	0
CO-851027918	CO20665	6.27	0 3-	2ACSR	1014	987	937	173	0	0	0	0.00	3.21	0
CO20664	CO20665	6.34	5 3-	4ACSR	1003	974	922	172	30	1	1	0.00	3.21	0
CO20663	CO20664	6.38	4 3-	4ACSR	997	967	914	171	2	0	0	0.00	3.21	0
CO20499	CO20663	6.43	2 1-	4ACSR	0	0	903	171	1	0	0	0.00	3.21	0
CO20498	CO20663	6.43	0 1-	4ACSR	0	0	902	171	0	0	0	0.00	3.21	0
CO20662	CO20663	6.42	2 3-	4ACSR	990	959	905	171	1	0	0	0.00	3.21	0
CO20819+	CO20456	5.99	22 1-	397ACSR	0	0	1252	329	145	10	2	0.00	2.45	0
OC623+	CO20819	5.99	22 1-	10 N FUSE	0	0	1252	329	145	10	101	0.00	2.45	0
CO20820+	OC623	6.01	22 1-	397ACSR	0	0	1249	329	145	10	2	0.00	2.45	0
CO20675+	CO20820	6.08	11 1-	397ACSR	0	0	1242	328	69	4	1	0.00	2.45	0
CO20752+	CO20675	6.10	9 1-	397ACSR	0	0	1239	328	56	3	1	0.00	2.45	0
CO20753+	CO20752	6.17	8 1-	397ACSR	0	0	1232	328	50	3	1	0.00	2.45	0
CO20674+	CO20753	6.21	8 1-	397ACSR	0	0	1228	328	50	3	1	0.00	2.45	0
CO20673+	CO20674	6.27	4 1-	397ACSR	0	0	1222	328	21	1	0	0.00	2.45	0
CO20672+	CO20673	6.29	4 1-	397ACSR	0	0	1219	328	21	1	0	0.00	2.46	0
CO20671+	CO20672	6.43	1 1-	397ACSR	0	0	1205	327	6	0	0	0.00	2.46	0
CO20506+	CO20675	6.14	2 1-	397ACSR	0	0	1235	328	13	0	0	0.00	2.45	0
CO20750+	CO20820	6.05	11 1-	397ACSR	0	0	1245	329	76	5	1	0.00	2.45	0
CO20751+	CO20750	6.07	7 1-	397ACSR	0	0	1243	329	62	4	1	0.00	2.45	0
CO20677+	CO20751	6.10	1 1-	397ACSR	0	0	1240	328	9	0	0	0.00	2.45	0
CO20676+	CO20677	6.14	1 1-	397ACSR	0	0	1235	328	9	0	0	0.00	2.45	0
CO20682+	CO20751	6.14	6 1-	397ACSR	0	0	1235	328	53	3	1	0.00	2.45	0
CO20681+	CO20682	6.16	5 1-	397ACSR	0	0	1233	328	43	2	1	0.00	2.45	0
CO20680+	CO20681	6.19	3 1-	397ACSR	0	0	1229	328	32	2	0	0.00	2.45	0
CO20679+	CO20680	6.25	2 1-	397ACSR	0	0	1223	328	28	1	0	0.00	2.45	0
CO20678+	CO20679	6.32	1 1-	397ACSR	0	0	1216	327	9	0	0	0.00	2.45	0
CO20505+	CO20601	5.97	7 3-	397ACSR	1484	1396	1254	329	32	0	0	0.00	2.44	0
CO20748+	CO30553	5.92	16 1-	4ACSR	0	0	1256	329	25	1	1	0.00	2.42	0
CO20749+	CO20748	5.98	16 1-	4ACSR	0	0	1244	327	25	1	1	0.00	2.43	0
CO1499826588+	CO20749	6.02	1 1-	4ACSR	0	0	1235	327	3	0	0	0.00	2.43	0
CO20483+	CO20749	6.00	0 1-	4ACSR	0	0	1239	327	0	0	0	0.00	2.43	0
CO20648+	CO20749	6.02	4 1-	4ACSR	0	0	1236	327	7	0	0	0.00	2.43	0
CO20647+	CO20648	6.05	4 1-	4ACSR	0	0	1230	326	7	0	0	0.00	2.43	0
CO20481+	CO20569	5.59	2 1-	4ACSR	0	0	1292	329	8	0	0	0.00	2.30	0
CO20514+	CO20567	5.52	1 1-	397ACSR	0	0	1308	331	14	0	0	0.00	2.26	0
CO20731+	CO20564	4.86	6 1-	397ACSR	0	0	1394	334	14	0	0	0.00	2.04	0
CO20732+	CO20731	4.91	3 1-	397ACSR	0	0	1388	333	6	0	0	0.00	2.04	0
CO30581+	CO20732	4.96	1 1-	397ACSR	0	0	1381	333	3	0	0	0.00	2.04	0
CO20691+	CO20564	4.92	6 1-	4ACSR	0	0	1378	332	18	1	1	0.00	2.04	0
CO20690+	CO20691	4.95	5 1-	4ACSR	0	0	1371	332	13	0	1	0.00	2.04	0
CO20689+	CO20690	5.01	3 1-	4ACSR	0	0	1355	330	11	0	1	0.00	2.04	0
CO20813+	CO20440	4.62	12 1-	397ACSR	0	0	1430	335	50	3	1	0.00	1.95	0
OC624+	CO20813	4.62	12 1-	10 N FUSE	0	0	1430	335	50	3	35	0.00	1.95	0
CO20814+	OC624	4.67	12 1-	397ACSR	0	0	1422	334	50	3	1	0.00	1.95	0
CO20112+	CO20814	4.69	12 1-	397ACSR	0	0	1420	334	50	3	1	0.00	1.95	0
CO20224+	CO20112	4.77	2 1-	397ACSR	0	0	1407	334	3	0	0	0.00	1.95	0
CO20174+	CO20112	4.74	10 1-	397ACSR	0	0	1411	334	47	3	1	0.00	1.95	0
CO20176+	CO20174	4.80	9 1-	397ACSR	0	0	1403	334	46	3	1	0.00	1.95	0
CO20175+	CO20176	4.84	8 1-	397ACSR	0	0	1398	334	37	2	0	0.00	1.95	0
CO20211+	CO20175	4.91	5 1-	397ACSR	0	0	1388	333	17	1	0	0.00	1.95	0
CO20215+	CO20211	4.98	3 1-	397ACSR	0	0	1379	333	9	0	0	0.00	1.95	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20212+	CO20215	5.04	3 1-	397ACSR	0	0	1371	333	9	0	0	0.00	1.95	0
CO20214+	CO20212	5.08	2 1-	397ACSR	0	0	1366	333	9	0	0	0.00	1.95	0
CO20213+	CO20214	5.16	1 1-	397ACSR	0	0	1355	332	6	0	0	0.00	1.95	0
CO20210+	CO20175	4.88	2 1-	397ACSR	0	0	1392	334	14	0	0	0.00	1.95	0
CO20209+	CO20210	4.92	1 1-	397ACSR	0	0	1386	333	5	0	0	0.00	1.95	0
CO20606+	CO20440	4.69	8 1-	4ACSR	0	0	1411	333	43	2	2	0.01	1.95	0
CO20605+	CO20606	4.78	8 1-	4ACSR	0	0	1386	331	43	2	2	0.01	1.96	0
CO20604+	CO20605	4.83	7 1-	4ACSR	0	0	1373	330	35	2	2	0.00	1.96	0
CO20517+	CO20604	4.87	2 1-	4ACSR	0	0	1362	329	7	0	0	0.00	1.96	0
CO20462+	CO20604	4.85	5 1-	4ACSR	0	0	1367	330	28	1	1	0.00	1.96	0
CO20519+	CO20462	4.87	5 1-	4ACSR	0	0	1363	329	28	1	1	0.00	1.96	0
CO20634+	CO20519	4.97	5 1-	4ACSR	0	0	1336	327	28	1	1	0.00	1.97	0
CO20725+	CO20634	5.04	4 1-	4ACSR	0	0	1319	326	21	1	1	0.00	1.97	0
CO20726+	CO20725	5.12	2 1-	4ACSR	0	0	1300	324	6	0	0	0.00	1.97	0
CO20518+	CO20462	4.88	0 1-	4ACSR	0	0	1359	329	0	0	0	0.00	1.96	0
CO20478+	CO20518	4.93	0 1-	4ACSR	0	0	1348	328	0	0	0	0.00	1.96	0
CO20531+	CO20558	4.03	24 1-	4ACSR	0	0	1515	336	92	6	5	0.01	1.71	0
CO20530+	CO20531	4.08	22 1-	4ACSR	0	0	1500	335	88	6	4	0.01	1.72	0
CO20642+	CO20530	4.30	3 1-	4ACSR	0	0	1437	331	20	1	1	0.01	1.72	0
CO20641+	CO20642	4.37	1 1-	4ACSR	0	0	1417	329	20	1	1	0.00	1.72	0
CO20640+	CO20641	4.41	1 1-	4ACSR	0	0	1403	328	20	1	1	0.00	1.73	0
CO20433+	CO20530	4.21	19 1-	4ACSR	0	0	1463	333	67	4	3	0.01	1.73	0
CO20719+	CO20433	4.41	18 1-	4ACSR	0	0	1406	328	67	4	3	0.02	1.75	0
CO20720+	CO20719	4.44	15 1-	4ACSR	0	0	1395	328	57	3	3	0.00	1.75	0
CO20718+	CO20720	4.54	12 1-	4ACSR	0	0	1368	326	50	3	2	0.01	1.76	0
CO20475+	CO20718	4.58	1 1-	4ACSR	0	0	1357	325	10	0	0	0.00	1.76	0
CO20721+	CO20718	4.63	11 1-	4ACSR	0	0	1344	324	40	2	2	0.00	1.76	0
CO20722+	CO20721	4.80	10 1-	4ACSR	0	0	1300	321	29	2	1	0.01	1.77	0
CO20538+	CO20722	4.86	8 1-	4ACSR	0	0	1283	319	27	1	1	0.00	1.77	0
CO20527+	CO20538	4.91	0 1-	4ACSR	0	0	1271	318	0	0	0	0.00	1.77	0
CO20537+	CO20538	4.98	7 1-	4ACSR	0	0	1253	317	26	1	1	0.01	1.78	0
CO20536+	CO20537	5.05	5 1-	4ACSR	0	0	1236	316	17	1	1	0.00	1.78	0
CO20526+	CO20536	5.12	1 1-	2ACSR	0	0	1223	315	3	0	0	0.00	1.78	0
CO20535+	CO20536	5.20	4 1-	4ACSR	0	0	1201	313	14	0	1	0.00	1.78	0
CO20705+	CO20535	5.30	4 1-	4ACSR	0	0	1179	311	14	0	1	0.00	1.79	0
CO20706+	CO20705	5.40	4 1-	4ACSR	0	0	1156	309	14	0	1	0.00	1.79	0
CO20707+	CO20706	5.67	3 1-	4ACSR	0	0	1099	304	5	0	0	0.00	1.79	0
CO20534+	CO20707	5.76	2 1-	4ACSR	0	0	1081	303	4	0	0	0.00	1.79	0
CO20533+	CO20534	5.85	1 1-	4ACSR	0	0	1063	301	3	0	0	0.00	1.79	0
CO20532+	CO20533	5.92	1 1-	4ACSR	0	0	1051	300	3	0	0	0.00	1.79	0
CO20524+	CO20537	5.04	2 1-	2ACSR	0	0	1242	316	10	0	0	0.00	1.78	0
CO1270423918+	CO20524	5.09	1 1-	2ACSR	0	0	1232	316	0	0	0	0.00	1.78	0
CO20624+	CO20722	4.85	2 1-	2ACSR	0	0	1289	320	3	0	0	0.00	1.77	0
CO20623+	CO20624	4.90	2 1-	2ACSR	0	0	1277	319	3	0	0	0.00	1.77	0
CO20622+	CO20623	5.02	1 1-	2ACSR	0	0	1254	318	0	0	0	0.00	1.77	0
CO20621+	CO20622	5.08	1 1-	2ACSR	0	0	1241	317	0	0	0	0.00	1.77	0
CO20620+	CO20621	5.21	1 1-	2ACSR	0	0	1216	315	0	0	0	0.00	1.77	0
CO20619+	CO20620	5.35	1 1-	2ACSR	0	0	1188	313	0	0	0	0.00	1.77	0
CO20618+	CO20619	5.41	1 1-	2ACSR	0	0	1178	312	0	0	0	0.00	1.77	0
CO20617+	CO20618	5.55	1 1-	2ACSR	0	0	1153	311	0	0	0	0.00	1.77	0
CO20616+	CO20617	5.62	1 1-	2ACSR	0	0	1140	310	0	0	0	0.00	1.77	0
CO20615+	CO20616	5.75	1 1-	2ACSR	0	0	1119	308	0	0	0	0.00	1.77	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-381791469+	CO20615	5.90	1 1-	2ACSR	0	0	1094	306	0	0	0	0.00	1.77	0
CO-1004304766+	CO-381791469	5.95	0 1-	2ACSR	0	0	1085	305	0	0	0	0.00	1.77	0
CO-584902616+	CO-381791469	5.99	1 1-	2ACSR	0	0	1079	305	0	0	0	0.00	1.77	0
CO20474+	CO20433	4.34	1 1-	4ACSR	0	0	1425	330	0	0	0	0.00	1.73	0
CO20644+	CO20709	3.80	3 1-	4ACSR	0	0	1556	338	16	1	1	0.00	1.62	0
CO20643+	CO20644	3.84	2 1-	4ACSR	0	0	1544	337	11	0	1	0.00	1.62	0
CO20470+	CO20554	3.13	2 1-	4ACSR	0	0	1675	339	4	0	0	0.00	1.31	0
CO20469+	CO20436	2.85	1 1-	4ACSR	0	0	1744	342	1	0	0	0.00	1.22	0
CO20468+	CO20711	2.68	1 1-	4ACSR	0	0	1785	342	3	0	0	0.00	1.15	0
CO20467+	CO20711	2.69	1 1-	4ACSR	0	0	1780	342	1	0	0	0.00	1.15	0
CO20546+	CO23713	2.30	11 1-	4ACSR	0	0	1870	343	20	1	1	0.00	0.98	0
CO23714+	CO20546	2.39	10 1-	4ACSR	0	0	1828	341	20	1	1	0.00	0.98	0
CO20878+	CO23714	2.65	9 1-	4ACSR	0	0	1718	336	20	1	1	0.01	0.99	0
CO20857+	CO20878	3.13	9 1-	4ACSR	0	0	1530	326	20	1	1	0.02	1.01	0
CO20836+	CO20857	3.15	1 1-	4ACSR	0	0	1524	325	5	0	0	0.00	1.01	0
CO20869+	CO20857	3.18	2 1-	4ACSR	0	0	1513	325	8	0	0	0.00	1.01	0
CO20868+	CO20869	3.20	2 1-	4ACSR	0	0	1506	325	8	0	0	0.00	1.01	0
CO20867+	CO20868	3.27	2 1-	4ACSR	0	0	1482	323	8	0	0	0.00	1.01	0
CO20863+	CO20857	3.16	6 1-	4ACSR	0	0	1522	325	6	0	0	0.00	1.01	0
CO20879+	CO20863	3.30	6 1-	4ACSR	0	0	1471	323	6	0	0	0.00	1.01	0
CO20880+	CO20879	3.53	5 1-	4ACSR	0	0	1395	318	6	0	0	0.00	1.01	0
CO20881+	CO20880	3.82	4 1-	4ACSR	0	0	1309	313	6	0	0	0.00	1.01	0
CO20862+	CO20881	4.38	4 1-	4ACSR	0	0	1161	303	6	0	0	0.00	1.01	0
CO20861+	CO20862	4.52	2 1-	4ACSR	0	0	1129	300	0	0	0	0.00	1.01	0
CO20860+	CO20861	4.72	2 1-	4ACSR	0	0	1086	297	0	0	0	0.00	1.01	0
CO20859+	CO20860	4.81	2 1-	4ACSR	0	0	1066	295	0	0	0	0.00	1.01	0
CO20858+	CO20859	5.00	2 1-	4ACSR	0	0	1029	292	0	0	0	0.00	1.02	0
CO1683157458+	CO741679137	2.00	0 1-	2ACSR	0	0	1921	343	0	0	0	0.00	0.77	0
CO20414+	CO20413	0.01	93 3-	750 MCM - 42 wi	2530	2711	2720	354	533	11	1	0.00	0.00	0
Salt Lick+	CO20414	0.01	93 3-	560 200WVE	2530	2711	2720	354	533	11	2	0.00	0.00	0
CO20366+	Salt Lick	0.02	93 3-	4/0ACSR	2528	2708	2717	354	533	11	4	0.00	0.00	0
CO20367+	CO20366	0.03	93 3-	4/0ACSR	2523	2700	2709	353	533	11	4	0.00	0.00	0
CO20357+	CO20367	0.05	93 3-	4/0ACSR	2518	2690	2699	353	533	11	4	0.00	0.01	0
CO20335+	CO20357	0.36	92 3-	4/0ACSR	2408	2512	2516	351	532	11	4	0.02	0.02	13
CO20334+	CO20335	0.54	92 3-	4/0ACSR	2353	2428	2427	350	532	11	4	0.01	0.03	7
CO20333+	CO20334	0.78	92 3-	4/0ACSR	2277	2318	2308	349	531	11	4	0.01	0.05	10
CO20268+	CO20333	0.88	1 1-	2ACSR	0	0	2253	347	9	0	0	0.00	0.05	0
CO20336+	CO20333	0.95	87 3-	1/0ACSR	2218	2236	2219	347	495	11	5	0.02	0.07	12
CO20337+	CO20336	1.05	86 3-	1/0ACSR	2187	2193	2172	346	492	11	5	0.01	0.07	7
CO20242+	CO20337	1.11	82 3-	1/0ACSR	2166	2165	2142	345	470	10	5	0.01	0.08	4
CO20260+	CO20242	1.21	0 1-	4ACSR	0	0	2086	343	0	0	0	0.00	0.08	0
CO20340+	CO20242	1.15	82 3-	1/0ACSR	2154	2151	2125	345	470	10	5	0.00	0.08	2
CO20341+	CO20340	1.17	82 3-	1/0ACSR	2147	2141	2115	345	470	10	5	0.00	0.09	0
CO20342+	CO20341	1.33	81 3-	1/0ACSR	2095	2075	2041	343	468	10	5	0.02	0.10	10
CO20418+	CO20342	1.34	2 1-	4ACSR	0	0	2037	343	1	0	0	0.00	0.10	0
OC612+	CO20418	1.34	2 1-	10 N FUSE	0	0	2037	343	1	0	0	0.00	0.10	0
CO20419+	OC612	1.70	2 1-	4ACSR	0	0	1849	335	1	0	0	0.00	0.10	0
CO20237+	CO20419	1.78	2 1-	4ACSR	0	0	1809	333	1	0	0	0.00	0.10	0
CO20351+	CO20237	1.88	0 1-	4ACSR	0	0	1758	331	0	0	0	0.00	0.10	0
CO20352+	CO20351	2.19	0 1-	4ACSR	0	0	1620	325	0	0	0	0.00	0.10	0
CO20353+	CO20352	2.38	0 1-	4ACSR	0	0	1543	321	0	0	0	0.00	0.10	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20354+	CO20353	2.62	0 1-	4ACSR	0	0	1452	317	0	0	0	0.00	0.10	0
CO20355+	CO20354	2.74	0 1-	4ACSR	0	0	1412	315	0	0	0	0.00	0.10	0
CO20356+	CO20355	3.06	0 1-	4ACSR	0	0	1307	309	0	0	0	0.00	0.10	0
CO20349+	CO20237	1.85	2 1-	4ACSR	0	0	1772	332	1	0	0	0.00	0.10	0
CO20256+	CO20349	1.91	1 1-	4ACSR	0	0	1746	331	0	0	0	0.00	0.10	0
CO20350+	CO20349	1.93	1 1-	4ACSR	0	0	1736	330	1	0	0	0.00	0.10	0
CO20343+	CO20342	1.43	78 3-	1/0ACSR	2065	2038	1999	342	464	10	5	0.01	0.11	6
CO20344+	CO20343	1.48	77 3-	1/0ACSR	2050	2019	1977	341	464	10	5	0.00	0.11	3
CO20345+	CO20344	1.63	76 3-	1/0ACSR	2007	1968	1919	340	455	10	4	0.01	0.13	8
CO23749+	CO20345	1.72	71 3-	1/0ACSR	1980	1935	1883	339	423	9	4	0.01	0.13	5
CO30539+	CO23749	1.75	67 3-	1/0ACSR	1973	1926	1873	339	393	8	4	0.00	0.14	0
CO20005+	CO30539	1.78	59 3-	1/0ACSR	1964	1917	1862	338	329	7	3	0.00	0.14	0
CO20070+	CO20005	1.79	59 3-	1/0ACSR	1961	1914	1857	338	329	7	3	0.00	0.14	0
CO20093+	CO20070	1.87	55 3-	1/0ACSR	1939	1889	1828	337	304	6	3	0.00	0.14	0
CO20053+	CO20093	1.89	54 3-	1/0ACSR	1933	1883	1821	337	296	6	3	0.00	0.14	0
CO20051+	CO20053	1.91	45 3-	1/0ACSR	1928	1877	1814	337	252	5	2	0.00	0.15	0
CO20052+	CO20051	1.94	44 3-	1/0ACSR	1920	1868	1804	337	240	5	2	0.00	0.15	0
CO19954+	CO20052	2.01	40 3-	1/0ACSR	1901	1847	1779	336	217	4	2	0.00	0.15	0
CO20028+	CO19954	2.11	1 1-	4ACSR	0	0	1734	334	1	0	0	0.00	0.15	0
CO20029+	CO20028	2.21	0 1-	4ACSR	0	0	1690	332	0	0	0	0.00	0.15	0
CO19986+	CO19954	2.20	39 3-	1/0ACSR	1854	1795	1718	334	216	4	2	0.01	0.16	2
CO19987+	CO19986	2.26	39 3-	1/0ACSR	1838	1777	1698	333	216	4	2	0.00	0.16	0
CO20049+	CO19987	2.28	39 3-	1/0ACSR	1832	1771	1691	333	216	4	2	0.00	0.16	0
CO20050+	CO20049	2.46	38 3-	1/0ACSR	1788	1723	1636	331	207	4	2	0.01	0.17	0
CO19963+	CO20050	2.56	1 1-	4ACSR	0	0	1599	329	13	0	1	0.00	0.17	0
CO19989+	CO20050	2.62	35 3-	1/0ACSR	1752	1684	1593	330	172	3	2	0.00	0.17	0
CO20045+	CO19989	2.73	33 3-	1/0ACSR	1727	1657	1562	329	165	3	2	0.00	0.18	0
CO20046+	CO20045	2.77	32 3-	1/0ACSR	1718	1647	1551	328	152	3	1	0.00	0.18	0
CO20047+	CO20046	2.82	32 3-	1/0ACSR	1705	1633	1536	328	152	3	1	0.00	0.18	0
CO20048+	CO20047	2.97	31 3-	1/0ACSR	1673	1601	1499	326	144	3	1	0.00	0.18	0
CO20044+	CO20048	2.99	30 3-	1/0ACSR	1668	1596	1493	326	144	3	1	0.00	0.18	0
CO19990+	CO20044	3.07	30 3-	1/0ACSR	1652	1580	1474	325	144	3	1	0.00	0.19	0
CO20098+	CO19990	3.08	4 1-	4ACSR	0	0	1472	325	20	1	1	0.00	0.19	0
OC605+	CO20098	3.08	4 1-	10 N FUSE	0	0	1472	325	20	1	14	0.00	0.19	0
CO20099+	OC605	3.14	4 1-	4ACSR	0	0	1450	324	20	1	1	0.00	0.19	0
CO-602532890+	CO20099	3.21	1 1-	2ACSR	0	0	1432	323	9	0	0	0.00	0.19	0
CO19985+	CO20099	3.18	1 1-	2ACSR	0	0	1440	323	8	0	0	0.00	0.19	0
CO20088+	CO20099	3.24	2 1-	4ACSR	0	0	1419	322	4	0	0	0.00	0.19	0
CO20030+	CO20088	3.47	0 1-	4ACSR	0	0	1350	318	0	0	0	0.00	0.19	0
CO20031+	CO20030	3.54	0 1-	4ACSR	0	0	1328	316	0	0	0	0.00	0.19	0
CO19991+	CO20088	3.53	1 1-	4ACSR	0	0	1333	317	4	0	0	0.00	0.19	0
CO19992+	CO19991	3.60	1 1-	4ACSR	0	0	1312	315	4	0	0	0.00	0.19	0
CO19993+	CO19992	3.75	1 1-	4ACSR	0	0	1270	312	4	0	0	0.00	0.19	0
CO19994+	CO19993	3.79	1 1-	4ACSR	0	0	1259	311	4	0	0	0.00	0.19	0
CO19984+	CO20088	3.35	1 1-	2ACSR	0	0	1390	320	0	0	0	0.00	0.19	0
CO20042+	CO19990	3.18	24 3-	1/0ACSR	1630	1557	1449	324	103	2	1	0.00	0.19	0
CO20043+	CO20042	3.22	23 3-	1/0ACSR	1622	1549	1439	324	90	2	1	0.00	0.19	0
CO20041+	CO20043	3.32	21 3-	1/0ACSR	1602	1528	1416	323	82	1	1	0.00	0.19	0
CO19983+	CO20041	3.36	3 1-	2ACSR	0	0	1407	322	10	0	0	0.00	0.19	0
CO1726625455+	CO19983	3.38	1 1-	2ACSR	0	0	1400	322	0	0	0	0.00	0.19	0
CO19964+	CO20041	3.45	2 1-	4ACSR	0	0	1376	320	5	0	0	0.00	0.19	0
CO20003+	CO20041	3.45	15 3-	1/0ACSR	1577	1503	1388	322	64	1	1	0.00	0.19	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20004+	CO20003	3.54	14 3-	1/0ACSR	1560	1486	1370	321	57	1	1	0.00	0.19	0
CO20096+	CO20004	3.54	8 1-	4ACSR	0	0	1368	321	20	1	1	0.00	0.19	0
OC604+	CO20096	3.54	8 1-	10 N FUSE	0	0	1368	321	20	1	14	0.00	0.19	0
CO20097+	OC604	3.74	8 1-	4ACSR	0	0	1310	317	20	1	1	0.01	0.20	0
CO19995+	CO20097	3.97	6 1-	4ACSR	0	0	1250	313	15	1	1	0.01	0.21	0
CO20065+	CO19995	4.00	6 1-	4ACSR	0	0	1242	312	15	1	1	0.00	0.21	0
CO20066+	CO20065	4.08	5 1-	4ACSR	0	0	1221	310	15	1	1	0.00	0.21	0
CO19996+	CO20066	4.16	4 1-	4ACSR	0	0	1203	309	14	0	1	0.00	0.21	0
CO20063+	CO19996	4.19	3 1-	4ACSR	0	0	1195	308	11	0	1	0.00	0.21	0
CO20064+	CO20063	4.46	2 1-	4ACSR	0	0	1133	304	5	0	0	0.00	0.21	0
CO19997+	CO20064	4.51	1 1-	4ACSR	0	0	1123	303	0	0	0	0.00	0.21	0
CO19998+	CO19997	4.56	1 1-	4ACSR	0	0	1112	302	0	0	0	0.00	0.21	0
CO19967+	CO20066	4.17	1 1-	4ACSR	0	0	1201	309	1	0	0	0.00	0.21	0
CO19966+	CO20097	3.83	2 1-	4ACSR	0	0	1287	315	5	0	0	0.00	0.20	0
CO20068+	CO20004	3.65	2 3-	1/0ACSR	1540	1466	1347	320	2	0	0	0.00	0.19	0
CO20069+	CO20068	3.75	1 3-	1/0ACSR	1522	1448	1327	319	1	0	0	0.00	0.19	0
OC1244288645+	CO20069	3.75	0 3-	15 N FUSE	1522	1448	1327	319	0	0	0	0.00	0.19	0
CO19965+	CO20004	3.57	1 1-	4ACSR	0	0	1359	320	11	0	1	0.00	0.19	0
CO20032+	CO20004	3.65	3 1-	4ACSR	0	0	1337	319	24	1	1	0.00	0.20	0
CO855587938+	CO20032	3.67	1 1-	2ACSR	0	0	1332	318	16	1	1	0.00	0.20	0
CO-1992946025+	CO855587938	3.70	0 1-	2ACSR	0	0	1325	318	0	0	0	0.00	0.20	0
CO191351523+	CO855587938	3.76	1 1-	2ACSR	0	0	1312	317	16	1	1	0.00	0.20	0
CO20100+	CO20050	2.47	0 1-	4ACSR	0	0	1633	331	0	0	0	0.00	0.17	0
OC606+	CO20100	2.47	0 1-	10 N FUSE	0	0	1633	331	0	0	0	0.00	0.17	0
CO20101+	OC606	2.71	0 1-	4ACSR	0	0	1544	326	0	0	0	0.00	0.17	0
CO19988+	CO20101	2.93	0 1-	4ACSR	0	0	1463	322	0	0	0	0.00	0.17	0
CO19962+	CO19987	2.35	0 1-	4ACSR	0	0	1659	331	0	0	0	0.00	0.16	0
CO20082+	CO20052	2.04	1 1-	4ACSR	0	0	1760	335	1	0	0	0.00	0.15	0
CO20081+	CO20052	2.00	1 1-	4ACSR	0	0	1775	335	15	0	1	0.00	0.15	0
CO20054+	CO20053	1.96	3 1-	4ACSR	0	0	1788	336	30	2	1	0.00	0.15	0
CO20055+	CO20054	1.98	2 1-	4ACSR	0	0	1781	335	22	1	1	0.00	0.15	0
CO1658857665+	CO20055	1.99	1 1-	4ACSR	0	0	1775	335	8	0	0	0.00	0.15	0
CO19955+	CO20053	1.95	6 1-	4ACSR	0	0	1794	336	14	0	1	0.00	0.15	0
CO20092+	CO19955	2.07	1 1-	4ACSR	0	0	1740	333	5	0	0	0.00	0.15	0
CO20086+	CO20092	2.13	0 1-	4ACSR	0	0	1713	332	0	0	0	0.00	0.15	0
CO20087+	CO20086	2.22	0 1-	4ACSR	0	0	1672	330	0	0	0	0.00	0.15	0
CO19974+	CO20086	2.22	0 1-	4ACSR	0	0	1672	330	0	0	0	0.00	0.15	0
CO20091+	CO19955	2.07	4 1-	4ACSR	0	0	1740	333	7	0	0	0.00	0.15	0
CO19973+	CO20091	2.12	1 1-	4ACSR	0	0	1718	332	0	0	0	0.00	0.15	0
CO19982+	CO20091	2.10	2 1-	4ACSR	0	0	1724	333	7	0	0	0.00	0.15	0
CO19981+	CO20091	2.12	1 1-	4ACSR	0	0	1719	332	0	0	0	0.00	0.15	0
CO20040+	CO30539	1.82	6 1-	4ACSR	0	0	1840	337	59	3	3	0.01	0.14	0
CO20085+	CO20040	1.85	6 1-	4ACSR	0	0	1825	337	59	3	3	0.00	0.15	0
CO20027+	CO20085	1.87	4 1-	4ACSR	0	0	1816	336	35	2	2	0.00	0.15	0
CO23747+	CO20027	1.94	2 1-	4ACSR	0	0	1780	335	25	1	1	0.00	0.15	0
CO20347+	CO23747	2.00	2 1-	4ACSR	0	0	1754	333	25	1	1	0.00	0.15	0
CO20348+	CO20347	2.03	1 1-	4ACSR	0	0	1741	333	14	0	1	0.00	0.15	0
CO20346+	CO20348	2.05	1 1-	4ACSR	0	0	1733	332	14	0	1	0.00	0.15	0
CO23746+	CO20085	1.96	1 1-	4ACSR	0	0	1772	334	14	0	1	0.00	0.15	0
CO23748+	CO23749	1.80	2 1- 750 MCM -	42 Wi	0	0	1866	339	19	1	0	0.00	0.13	0
CO20261+	CO20345	1.71	2 1-	4ACSR	0	0	1881	338	14	0	1	0.00	0.13	0
CO20266+	CO20337	1.08	1 1-	2ACSR	0	0	2154	345	10	0	0	0.00	0.07	0

Title: FLEMING - MASON ENERGY COOPERATIVE - KENTUCKY 52 FLEMING - FLEMINGSBURG, KENTUCKY
Case: 2008-2009 CONSTRUCTION WORK PLAN - EXISTING WINTER 2005-06 SYSTEM
Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20338+	CO20337	1.12	3 1-	4ACSR	0	0	2127	344	13	0	1	0.00	0.08	0
CO20339+	CO20338	1.22	1 1-	4ACSR	0	0	2071	342	9	0	0	0.00	0.08	0
CO20331+	CO20333	0.91	4 3-	4/0ACSR	2238	2264	2248	348	28	0	0	0.00	0.05	0
CO20332+	CO20331	1.07	2 3-	4/0ACSR	2194	2205	2182	347	14	0	0	0.00	0.05	0
CO20330+	CO20332	1.18	0 3-	4/0ACSR	2163	2165	2138	346	0	0	0	0.00	0.05	0
SW620-B+	CO20330	1.18	0 1-	Open	0	0	2138	346	0	0	0	0.00	0.05	0
SUB	0 total losses:	\$82,663												

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
SUB	0 HILDA 1		2390		6836	7275	7401	180	20404						
	CO448	HILDA 1	0.00	2390 3-	750 MCM - 42 Wi	6822	7251	7374	180	20404	918	79	0.01	0.01	163
	CO449	CO448	0.01	2390 3-	750 MCM - 42 Wi	6808	7227	7348	180	20403	918	79	0.01	0.02	163
	CO455	CO449	0.02	680 3-	750 MCM - 42 Wi	6769	7164	7278	180	4349	195	17	0.01	0.03	20
	Cranston	CO455	0.02	680 3-	560 200WVE	6769	7164	7278	180	4349	195	35	0.00	0.03	0
	CO490	Cranston	0.05	680 3-	4/0ACSR	6625	6926	7031	180	4349	195	58	0.05	0.08	313
	CO724	CO490	0.06	680 3-	4/0ACSR	6578	6850	6951	180	4348	195	58	0.02	0.10	106
	CO725	CO724	0.10	680 3-	4/0ACSR	6353	6506	6582	179	4347	195	58	0.09	0.19	517
	CO593	CO725	0.16	1 1-	4ACSR	0	0	5975	179	7	0	1	0.00	0.20	0
OC-1156178288	CO593	CO593	0.16	1 1-	20 N FUSE	0	0	5975	179	7	0	5	0.00	0.20	0
	CO594	OC-1156178288	0.17	1 1-	4ACSR	0	0	5883	179	7	0	1	0.00	0.20	0
	CO348	CO725	0.12	676 3-	4/0ACSR	6288	6412	6478	179	4302	193	57	0.03	0.22	153
	CO347	CO348	0.17	675 3-	4/0ACSR	6052	6081	6108	179	4302	193	57	0.10	0.32	585
	CO793	CO347	0.23	672 3-	4/0ACSR	5803	5787	5736	179	4292	193	57	0.12	0.44	655
	CO794	CO793	0.25	668 3-	4/0ACSR	5747	5721	5654	179	4264	192	57	0.03	0.47	155
	CO395	CO794	0.29	2 1-	4ACSR	0	0	5278	178	3	0	0	0.00	0.47	0
OC-724481726	CO395	CO395	0.29	0 1-	20 N FUSE	0	0	5278	178	0	0	0	0.00	0.47	0
	CO489	CO794	0.30	666 3-	4/0ACSR	5563	5507	5390	179	4261	192	57	0.09	0.56	526
	CO427	CO489	0.36	1 3-	2ACSR	5268	5170	4981	178	44	2	1	0.00	0.56	0
OC141152002	CO427	CO427	0.36	0 3-	20 N FUSE	5268	5170	4981	178	0	0	0	0.00	0.56	0
	CO488	CO489	0.39	665 3-	4/0ACSR	5247	5146	4956	179	4214	190	56	0.17	0.73	959
	CO394	CO488	0.46	2 1-	4ACSR	0	0	4540	178	16	2	2	0.01	0.74	0
OC-1814345038	CO394	CO394	0.46	1 1-	20 N FUSE	0	0	4540	178	9	1	6	0.00	0.74	0
	CO393	OC-1814345038	0.52	1 1-	1/0PRIURD	0	0	4324	461	9	1	1	0.00	0.74	0
	CO392	CO488	0.43	1 1-	4ACSR	0	0	4710	178	15	2	2	0.00	0.73	0
OC-394236096	CO392	CO392	0.43	0 1-	20 N FUSE	0	0	4710	178	0	0	0	0.00	0.73	0
	CO346	CO488	0.44	659 3-	4/0ACSR	5077	4955	4732	178	4156	187	55	0.10	0.83	549
	CO722	CO346	0.56	648 3-	4/0ACSR	4750	4594	4317	178	4090	184	54	0.21	1.04	1124
	CO723	CO722	0.61	647 3-	4/0ACSR	4619	4451	4156	178	4078	184	54	0.09	1.13	493
	CO721	CO723	0.65	646 3-	4/0ACSR	4511	4335	4027	178	4064	184	54	0.08	1.20	422
	CO391	CO721	0.73	1 1-	4ACSR	0	0	3699	177	6	0	1	0.00	1.21	0
OC799341024	CO391	CO391	0.73	0 1-	20 N FUSE	0	0	3699	177	0	0	0	0.00	1.21	0
	CO345	CO721	0.77	644 3-	4/0ACSR	4230	4036	3699	178	4048	183	54	0.22	1.42	1191
	CO363	CO345	0.85	1 3-	2ACSR	4013	3802	3458	177	32	1	1	0.00	1.42	0
	CO344	CO345	0.86	643 3-	4/0ACSR	4054	3851	3502	177	4011	181	54	0.15	1.57	812
	CO364	CO344	0.97	2 3-	2ACSR	3757	3534	3183	176	6	0	0	0.00	1.57	0
OC-600826234	CO364	CO364	0.97	0 3-	20 N FUSE	3757	3534	3183	176	0	0	0	0.00	1.57	0
	CO338	CO344	0.97	641 3-	4/0ACSR	3850	3638	3277	177	4001	181	53	0.19	1.76	1034
FD-478552422	CO338	CO338	0.97	604 3-	_DefaultBayEqui	3850	3638	3277	177	3645	165	0	0.00	1.76	0
	CO357	FD-478552422	1.23	604 3-	4/0ACSR	3426	3206	2834	176	3645	165	49	0.42	2.18	2091
OC-478552422	CO357	CO357	1.23	602 3-	20 N FUSE	3426	3206	2834	176	3616	164	824	0.00	2.18	0
	CO356	OC-478552422	1.26	602 3-	4/0ACSR	3386	3166	2794	176	3616	164	48	0.04	2.23	221
	CO409	CO356	1.31	1 1-	4ACSR	0	0	2686	176	14	1	1	0.00	2.23	0
OC314634701	CO409	CO409	1.31	0 1-	20 N FUSE	0	0	2686	176	0	0	0	0.00	2.23	0
	CO355	CO356	1.32	600 3-	4/0ACSR	3309	3088	2716	176	3595	163	48	0.09	2.32	437
	CO600	CO355	1.40	2 1-	4ACSR	0	0	2536	175	19	2	2	0.01	2.32	0
OC209733602	CO600	CO600	1.40	1 1-	20 N FUSE	0	0	2536	175	5	0	3	0.00	2.32	0
	CO598	OC209733602	1.44	1 1-	4ACSR	0	0	2462	175	5	0	0	0.00	2.32	0
	CO599	CO598	1.49	1 1-	4ACSR	0	0	2373	174	5	0	0	0.00	2.33	0
	CO354	CO355	1.40	597 3-	4/0ACSR	3199	2984	2607	176	3562	162	48	0.13	2.45	646
	CO719	CO354	1.43	43 1-	6ACWC	0	0	2563	176	259	35	26	0.03	2.48	15

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
OC-636326968	CO719	1.43	41 1-	20 N FUSE	0	0	2563	176	256	35	176	0.00	2.48	0	
	CO720	OC-636326968	1.47	41 1-	6ACWC	0	0	2477	175	256	35	25	0.07	2.55	28
	CO504	CO720	1.49	39 1-	6ACWC	0	0	2442	175	247	34	24	0.03	2.58	12
	CO662	CO504	1.57	16 1-	1/0PRIURD	0	0	2341	439	130	17	12	0.03	2.61	6
OC32745110	CO662	1.57	14 1-	20 N FUSE	0	0	2341	439	109	15	76	0.00	2.61	0	
	CO663	OC32745110	1.62	14 1-	1/0PRIURD	0	0	2293	437	109	15	10	0.01	2.63	2
	CO664	CO663	1.67	13 1-	1/0PRIURD	0	0	2238	435	101	13	9	0.01	2.64	0
	CO665	CO664	1.78	10 1-	1/0PRIURD	0	0	2129	432	72	9	7	0.02	2.66	0
	CO659	CO665	1.84	8 1-	1/0PRIURD	0	0	2073	430	53	7	5	0.01	2.67	0
	CO660	CO659	1.91	6 1-	1/0PRIURD	0	0	2011	427	42	5	4	0.01	2.68	0
	CO661	CO660	2.00	3 1-	1/0PRIURD	0	0	1932	424	16	2	1	0.00	2.68	0
	CO638	CO504	1.54	23 1-	6ACWC	0	0	2353	174	117	16	12	0.04	2.62	7
	CO658	CO638	1.56	4 1-	1/0PRIURD	0	0	2329	437	27	3	2	0.00	2.62	0
	CO639	CO638	1.58	19 1-	6ACWC	0	0	2275	174	90	12	9	0.02	2.64	3
OC-959051901	CO639	1.58	15 1-	20 N FUSE	0	0	2275	174	72	9	49	0.00	2.64	0	
	CO408	OC-959051901	1.66	1 1-	4ACSR	0	0	2160	173	11	1	1	0.00	2.64	0
	CO501	OC-959051901	1.62	14 1-	6ACWC	0	0	2213	173	61	8	6	0.01	2.66	0
	CO503	CO501	1.67	14 1-	6ACWC	0	0	2137	173	61	8	6	0.02	2.67	0
	CO430	CO503	1.72	1 1-	2ACSR	0	0	2074	173	8	1	1	0.00	2.67	0
	CO502	CO503	1.70	12 1-	6ACWC	0	0	2097	173	50	6	5	0.01	2.68	0
	CO407	CO502	1.76	1 1-	4ACSR	0	0	2008	172	5	0	0	0.00	2.68	0
	CO353	CO502	1.75	11 1-	6ACWC	0	0	2029	172	45	6	4	0.01	2.69	0
	CO406	CO353	1.80	2 1-	4ACSR	0	0	1951	172	10	1	1	0.00	2.70	0
	CO640	CO353	1.87	8 1-	4ACSR	0	0	1868	171	28	3	3	0.02	2.72	0
	CO666	CO640	1.90	2 1-	1/0PRIURD	0	0	1840	415	11	1	1	0.00	2.72	0
	CO641	CO640	1.91	6 1-	4ACSR	0	0	1821	170	17	2	2	0.00	2.72	0
OC-1061962837	CO641	1.91	4 1-	20 N FUSE	0	0	1821	170	16	2	11	0.00	2.72	0	
	CO405	OC-1061962837	1.98	2 1-	4ACSR	0	0	1737	170	5	0	1	0.00	2.72	0
OC2022130701	CO405	1.98	0 1-	20 N FUSE	0	0	1737	170	0	0	0	0.00	2.72	0	
	CO404	OC-1061962837	1.95	2 1-	1/0PRIURD	0	0	1791	411	10	1	1	0.00	2.72	0
	CO8197	CO354	1.65	547 3-	4/0ACSR	2919	2717	2336	175	3283	149	44	0.35	2.80	1586
	CO825	CO8197	1.74	540 3-	4/0ACSR	2833	2635	2255	175	3245	148	44	0.12	2.92	539
	CO853	CO825	1.94	2 1-	4ACSR	0	0	1962	173	11	1	1	0.01	2.92	0
OC-1899302460	CO853	1.94	0 1-	20 N FUSE	0	0	1962	173	0	0	0	0.00	2.92	0	
	CO1146	CO825	1.75	538 3-	4/0ACSR	2814	2618	2237	175	3232	147	43	0.03	2.94	119
	CO1147	CO1146	1.84	538 3-	4/0ACSR	2734	2542	2163	175	3232	147	43	0.12	3.06	536
	CO824	CO1147	1.95	533 3-	4/0ACSR	2634	2448	2071	174	3210	146	43	0.16	3.22	706
	CO1139	CO824	2.06	3 1-	4ACSR	0	0	1933	173	26	3	3	0.02	3.24	0
OC1482179596	CO1139	2.06	3 1-	20 N FUSE	0	0	1933	173	26	3	18	0.00	3.24	0	
	CO855	OC1482179596	2.09	2 1-	4ACSR	0	0	1899	173	13	1	1	0.00	3.24	0
	CO1140	OC1482179596	2.12	1 1-	4ACSR	0	0	1862	172	13	1	1	0.01	3.24	0
	CO1141	CO1140	2.17	1 1-	4ACSR	0	0	1810	172	13	1	1	0.00	3.24	0
	CO1137	CO824	2.05	530 3-	4/0ACSR	2557	2376	2001	174	3181	145	43	0.13	3.34	564
	CO1138	CO1137	2.08	530 3-	4/0ACSR	2534	2354	1980	174	3178	145	43	0.04	3.38	181
	CO856	CO1138	2.11	1 1-	4ACSR	0	0	1935	174	2	0	0	0.00	3.38	0
	CO852	CO1138	2.21	1 2-	4ACSR	0	2200	1831	173	0	0	0	0.00	3.38	0
	CO828	CO1138	2.15	524 3-	4/0ACSR	2479	2302	1931	174	3149	144	42	0.10	3.48	426
	CO865	CO828	2.35	1 1-	4ACSR	0	0	1720	172	12	1	1	0.01	3.49	0
OC1716893262	CO865	2.35	0 1-	20 N FUSE	0	0	1720	172	0	0	0	0.00	3.49	0	
	CO1165	CO828	2.15	29 1-	6ACWC	0	0	1923	174	146	20	15	0.01	3.49	0
	OC34	CO1165	2.15	29 1-	70 L OCR	0	0	1923	174	146	20	29	0.00	3.49	0
	CO1166	OC34	2.27	29 1-	6ACWC	0	0	1802	172	146	20	15	0.09	3.58	21

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO887	CO1166	2.31	1 1-	4ACSR	0	0	1754	172	5	0	0	0.00	3.58	0
CO841	CO1166	2.34	25 1-	4ACSR	0	0	1724	172	118	16	12	0.05	3.63	10
CO864	CO841	2.38	1 1-	4ACSR	0	0	1688	171	4	0	0	0.00	3.63	0
CO863	CO841	2.38	1 1-	4ACSR	0	0	1683	171	9	1	1	0.00	3.64	0
CO1119	CO841	2.36	20 1-	6ACWC	0	0	1703	171	90	12	9	0.01	3.65	0
CO1120	CO1119	2.40	19 1-	6ACWC	0	0	1672	171	82	11	8	0.02	3.66	0
CO1121	CO1120	2.41	17 1-	6ACWC	0	0	1660	171	73	10	7	0.01	3.67	0
CO829	CO1121	2.42	14 1-	6ACWC	0	0	1647	171	49	6	5	0.00	3.67	0
CO1127	CO829	2.45	12 1-	6ACWC	0	0	1622	170	42	5	4	0.01	3.68	0
CO1128	CO1127	2.48	12 1-	6ACWC	0	0	1601	170	42	5	4	0.01	3.69	0
CO851	CO1128	2.56	9 1-	6ACWC	0	0	1534	169	26	3	3	0.01	3.70	0
CO830	CO851	2.82	7 1-	6ACWC	0	0	1344	167	19	2	2	0.03	3.73	0
CO862	CO830	2.90	1 1-	4ACSR	0	0	1296	166	1	0	0	0.00	3.73	0
CO831	CO830	2.98	6 1-	6ACWC	0	0	1251	165	18	2	2	0.02	3.75	0
CO1161	CO831	3.01	5 1-	4ACSR	0	0	1231	165	12	1	1	0.00	3.75	0
CO861	CO1161	3.04	1 1-	4ACSR	0	0	1216	165	6	0	1	0.00	3.75	0
CO1162	CO1161	3.10	4 1-	4ACSR	0	0	1182	164	7	0	1	0.00	3.75	0
CO1133	CO1162	3.17	2 1-	4ACSR	0	0	1149	163	4	0	0	0.00	3.76	0
CO1134	CO1133	3.25	1 1-	4ACSR	0	0	1112	163	0	0	0	0.00	3.76	0
CO888	CO831	3.02	1 1-	4ACSR	0	0	1225	165	6	0	1	0.00	3.75	0
CO1131	CO851	2.62	2 1-	4ACSR	0	0	1482	169	7	0	1	0.00	3.70	0
CO1132	CO1131	2.66	1 1-	4ACSR	0	0	1453	168	3	0	0	0.00	3.70	0
CO1129	CO1128	2.50	1 1-	4ACSR	0	0	1581	170	8	1	1	0.00	3.69	0
CO1130	CO1129	2.53	1 1-	4ACSR	0	0	1557	170	8	1	1	0.00	3.69	0
CO1122	CO829	2.44	1 1-	4ACSR	0	0	1630	171	4	0	0	0.00	3.67	0
CO1123	CO1122	2.51	1 1-	4ACSR	0	0	1571	170	4	0	0	0.00	3.67	0
CO1125	CO1121	2.43	3 1-	4ACSR	0	0	1643	171	24	3	2	0.00	3.67	0
CO1126	CO1125	2.55	2 1-	4ACSR	0	0	1537	169	13	1	1	0.01	3.68	0
CO1124	CO1126	2.61	2 1-	4ACSR	0	0	1492	169	13	1	1	0.00	3.68	0
CO1117	CO828	2.27	494 3-	4/0ACSR	2390	2220	1852	173	2990	137	40	0.15	3.63	657
CO1118	CO1117	2.43	494 3-	4/0ACSR	2285	2121	1759	173	2987	137	40	0.20	3.83	847
CO1167	CO1118	2.43	492 3-	4/0ACSR	2281	2117	1756	173	2953	135	40	0.01	3.84	35
OC38	CO1167	2.43	492 3-	100 L OCR	2281	2117	1756	173	2953	135	136	0.00	3.84	0
CO1168	OC38	2.55	492 3-	4/0ACSR	2209	2050	1693	173	2953	135	40	0.15	3.99	617
CO866	CO1168	2.65	1 1-	4ACSR	0	0	1603	171	5	0	0	0.00	3.99	0
OC221976805	CO866	2.65	0 1-	20 N FUSE	0	0	1603	171	0	0	0	0.00	3.99	0
CO1113	CO1168	2.69	1 1-	4ACSR	0	0	1572	171	9	1	1	0.00	3.99	0
OC1547450788	CO1113	2.69	0 1-	20 N FUSE	0	0	1572	171	0	0	0	0.00	3.99	0
CO1112	CO1168	2.77	490 3-	4/0ACSR	2085	1934	1586	172	2936	135	40	0.27	4.26	1146
CO1111	CO1112	2.83	488 3-	4/0ACSR	2050	1902	1557	172	2928	134	40	0.08	4.34	343
CO889	CO1111	2.94	2 1-	4ACSR	0	0	1481	171	19	2	2	0.01	4.34	0
OC1950869621	CO889	2.94	0 1-	20 N FUSE	0	0	1481	171	0	0	0	0.00	4.34	0
CO843	CO1111	2.86	486 3-	4/0ACSR	2038	1891	1547	172	2908	134	39	0.03	4.37	122
CO890	CO843	2.93	1 1-	4ACSR	0	0	1491	171	3	0	0	0.00	4.37	0
OC-45263586	CO890	2.93	0 1-	20 N FUSE	0	0	1491	171	0	0	0	0.00	4.37	0
CO846	CO843	3.04	485 3-	4/0ACSR	1950	1809	1472	171	2904	133	39	0.22	4.59	928
CO895	CO846	3.08	2 1-	4ACSR	0	0	1440	171	21	2	2	0.00	4.59	0
OC-729464184	CO895	3.08	0 1-	20 N FUSE	0	0	1440	171	0	0	0	0.00	4.59	0
OC-894588595	CO846	3.10	1 1-	2ACSR	0	0	1439	171	5	0	0	0.00	4.59	0
OC356154431	CO-894588595	3.10	0 1-	20 N FUSE	0	0	1439	171	0	0	0	0.00	4.59	0
CO203002818	CO846	3.07	482 3-	2ACSR	1927	1788	1453	171	2874	132	74	0.11	4.70	532
CO-327846481	CO203002818	3.09	477 3-	2ACSR	1912	1775	1442	171	2855	132	73	0.07	4.77	342

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1108	CO-327846481	3.12	477 3-	4/0ACSR	1898	1762	1430	171	2854	132	39	0.04	4.81	158
CO1109	CO1108	3.15	476 3-	4/0ACSR	1884	1749	1418	171	2847	131	39	0.04	4.85	159
CO1110	CO1109	3.19	475 3-	4/0ACSR	1867	1734	1404	171	2843	131	39	0.05	4.89	189
CO896	CO1110	3.26	1 1-	4ACSR	0	0	1364	170	10	1	1	0.00	4.89	0
OC-1981118656	CO896	3.26	0 1-	20 N FUSE	0	0	1364	170	0	0	0	0.00	4.89	0
CO1169	CO1110	3.20	47 1-	4ACSR	0	0	1400	170	311	43	31	0.01	4.91	7
OC33	CO1169	3.20	47 1-	50 H OCR	0	0	1400	170	311	43	88	0.00	4.91	0
CO1170	OC33	3.38	47 1-	4ACSR	0	0	1293	169	311	43	31	0.36	5.27	185
CO1067	CO1170	3.57	46 1-	4ACSR	0	0	1195	167	304	42	31	0.37	5.64	186
CO1086	CO1067	3.67	23 1-	4ACSR	0	0	1146	166	163	23	17	0.11	5.74	28
CO1088	CO1086	3.73	3 1-	4ACSR	0	0	1120	165	13	1	1	0.00	5.75	0
CO1087	CO1088	3.81	1 1-	4ACSR	0	0	1088	164	4	0	0	0.00	5.75	0
CO1089	CO1086	3.71	19 1-	4ACSR	0	0	1131	165	140	19	14	0.03	5.77	7
CO1090	CO1089	3.75	18 1-	4ACSR	0	0	1110	165	136	19	14	0.04	5.82	9
CO1091	CO1090	3.84	17 1-	4ACSR	0	0	1073	164	134	19	14	0.08	5.89	17
CO1093	CO1091	3.94	2 1-	4ACSR	0	0	1035	163	21	2	2	0.01	5.91	0
CO1094	CO1093	4.07	1 1-	4ACSR	0	0	986	162	21	2	2	0.01	5.91	0
CO1092	CO1091	3.87	15 1-	4ACSR	0	0	1061	164	113	16	11	0.02	5.91	4
CO1095	CO1092	3.94	15 1-	4ACSR	0	0	1035	163	113	16	11	0.05	5.96	8
CO1096	CO1095	3.98	13 1-	4ACSR	0	0	1018	162	102	14	10	0.03	5.99	5
CO1097	CO1096	4.08	11 1-	4ACSR	0	0	982	162	97	13	10	0.06	6.05	9
CO1098	CO1097	4.10	10 1-	4ACSR	0	0	975	161	85	12	9	0.01	6.06	0
CO867	CO1098	4.16	0 1-	4ACSR	0	0	956	161	0	0	0	0.00	6.06	0
CO1099	CO1098	4.13	10 1-	4ACSR	0	0	968	161	85	12	9	0.01	6.07	0
CO1100	CO1099	4.15	8 1-	4ACSR	0	0	959	161	84	11	9	0.01	6.09	0
CO1101	CO1100	4.18	8 1-	4ACSR	0	0	950	161	84	11	9	0.02	6.10	0
OC-2031322905	CO1101	4.18	7 1-	20 N FUSE	0	0	950	161	82	11	58	0.00	6.10	0
CO832	OC-2031322905	4.22	5 1-	4ACSR	0	0	938	160	66	9	7	0.02	6.12	0
CO869	CO832	4.30	2 1-	4ACSR	0	0	911	159	5	0	1	0.00	6.12	0
CO1104	CO832	4.23	3 1-	4ACSR	0	0	932	160	61	8	6	0.01	6.12	0
CO1105	CO1104	4.32	3 1-	4ACSR	0	0	905	159	61	8	6	0.03	6.16	3
CO1106	CO1105	4.34	3 1-	4ACSR	0	0	899	159	61	8	6	0.00	6.16	0
CO8205	CO1106	5.01	2 1-	4ACSR	0	0	735	153	14	2	1	0.06	6.23	0
CO4169	CO8205	5.36	2 1-	4ACSR	0	0	669	150	14	2	1	0.03	6.25	0
CO4170	CO4169	5.41	1 1-	4ACSR	0	0	659	150	10	1	1	0.00	6.26	0
CO4171	CO4170	5.49	1 1-	4ACSR	0	0	647	149	10	1	1	0.01	6.26	0
CO4172	CO4171	5.59	1 1-	4ACSR	0	0	632	148	10	1	1	0.01	6.27	0
CO4173	CO4172	5.78	1 1-	4ACSR	0	0	603	147	10	1	1	0.01	6.28	0
CO4174	CO4173	5.86	1 1-	4ACSR	0	0	592	146	10	1	1	0.01	6.29	0
CO4318	CO4174	5.94	1 1-	4ACSR	0	0	582	145	10	1	1	0.01	6.29	0
CO1028	CO4318	6.00	1 1-	4ACSR	0	0	574	145	10	1	1	0.00	6.30	0
CO1029	CO1028	6.04	1 1-	4ACSR	0	0	569	145	10	1	1	0.00	6.30	0
CO1030	CO1029	6.10	1 1-	4ACSR	0	0	562	144	10	1	1	0.00	6.30	0
CO8203	CO1030	6.16	1 1-	4ACSR	0	0	554	144	10	1	1	0.00	6.31	0
CO1102	OC-2031322905	4.23	2 1-	4ACSR	0	0	932	160	16	2	2	0.01	6.11	0
CO868	CO1102	4.28	1 1-	4ACSR	0	0	917	160	9	1	1	0.00	6.11	0
CO1103	CO1102	4.33	1 1-	4ACSR	0	0	902	159	7	1	1	0.00	6.11	0
CO1070	CO1067	3.67	20 1-	4ACSR	0	0	1149	166	118	16	12	0.07	5.71	14
CO1071	CO1070	3.69	19 1-	4ACSR	0	0	1139	165	108	15	11	0.02	5.72	3
CO1072	CO1071	3.73	17 1-	4ACSR	0	0	1121	165	104	14	11	0.03	5.75	4
CO1073	CO1072	3.76	15 1-	4ACSR	0	0	1108	165	93	13	9	0.02	5.77	3
OC-541356039	CO1073	3.76	15 1-	20 N FUSE	0	0	1108	165	93	13	66	0.00	5.77	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO898	OC-541356039	3.80	1 1-	4ACSR	0	0	1092	164	2	0	0	0.00	5.77	0
CO848	OC-541356039	3.82	14 1-	4ACSR	0	0	1080	164	91	12	9	0.04	5.81	6
CO849	CO848	3.85	12 1-	4ACSR	0	0	1069	164	72	10	7	0.01	5.82	0
CO1074	CO849	3.89	10 1-	4ACSR	0	0	1055	163	56	7	6	0.01	5.83	0
CO1075	CO1074	3.93	9 1-	4ACSR	0	0	1037	163	49	6	5	0.01	5.85	0
CO1076	CO1075	3.95	8 1-	4ACSR	0	0	1030	163	45	6	5	0.01	5.85	0
CO1077	CO1076	4.08	7 1-	4ACSR	0	0	985	162	45	6	5	0.04	5.89	3
CO1078	CO1077	4.16	7 1-	4ACSR	0	0	956	161	45	6	5	0.02	5.91	0
CO1079	CO1078	4.31	6 1-	4ACSR	0	0	908	159	36	5	4	0.03	5.94	0
CO1081	CO1079	4.35	5 1-	4ACSR	0	0	896	159	26	3	3	0.00	5.95	0
CO1082	CO1081	4.46	3 1-	4ACSR	0	0	864	158	13	1	1	0.01	5.96	0
CO1083	CO1082	4.50	2 1-	4ACSR	0	0	854	158	6	0	1	0.00	5.96	0
CO1084	CO1083	4.62	2 1-	4ACSR	0	0	824	157	6	0	1	0.00	5.96	0
CO1085	CO1084	4.78	2 1-	4ACSR	0	0	783	155	6	0	1	0.01	5.97	0
CO8204	CO1085	4.82	2 1-	4ACSR	0	0	774	155	6	0	1	0.00	5.97	0
CO4167	CO8204	5.03	2 1-	4ACSR	0	0	730	153	6	0	1	0.01	5.98	0
CO4168	CO4167	5.13	2 1-	4ACSR	0	0	711	152	6	0	1	0.00	5.98	0
CO4133	CO4168	5.20	1 1-	4ACSR	0	0	697	151	0	0	0	0.00	5.98	0
CO4132	CO4168	5.18	1 1-	4ACSR	0	0	700	152	6	0	1	0.00	5.98	0
CO1080	CO1082	4.54	1 1-	4ACSR	0	0	843	157	8	1	1	0.00	5.96	0
CO899	CO849	3.89	2 1-	4ACSR	0	0	1053	163	16	2	2	0.00	5.82	0
CO900	CO848	3.85	2 1-	4ACSR	0	0	1069	164	19	2	2	0.00	5.81	0
CO904	CO900	3.87	1 1-	4ACSR	0	0	1063	164	9	1	1	0.00	5.81	0
CO1069	CO1067	3.63	3 1-	4ACSR	0	0	1168	166	22	3	2	0.01	5.64	0
CO1068	CO1069	3.65	1 1-	4ACSR	0	0	1154	166	13	1	1	0.00	5.64	0
CO845	CO1110	3.37	426 3-	1/0ACSR	1772	1648	1328	170	2513	116	50	0.34	5.24	1400
CO1065	CO845	3.44	426 3-	1/0ACSR	1739	1618	1302	169	2507	116	50	0.13	5.36	518
CO1066	CO1065	3.58	426 3-	1/0ACSR	1673	1558	1249	169	2504	116	50	0.27	5.64	1108
CO1063	CO1066	3.63	425 3-	1/0ACSR	1650	1537	1231	168	2495	115	50	0.10	5.73	393
CO1064	CO1063	3.68	424 3-	1/0ACSR	1630	1519	1215	168	2489	115	50	0.09	5.82	350
CO1061	CO1064	3.77	7 1-	4/0ACSR	0	0	1193	168	40	5	2	0.01	5.82	0
OC-111155539	CO1061	3.77	6 1-	20 N FUSE	0	0	1193	168	30	4	21	0.00	5.82	0
CO1062	OC-111155539	3.86	6 1-	4/0ACSR	0	0	1169	168	30	4	1	0.00	5.83	0
CO847	CO1064	3.94	416 3-	1/0ACSR	1527	1425	1134	167	2447	113	50	0.48	6.30	1911
CO1044	CO847	4.01	13 1-	8ACWC	0	0	1097	166	145	20	21	0.09	6.39	23
OC306200508	CO1044	4.01	11 1-	20 N FUSE	0	0	1097	166	137	19	98	0.00	6.39	0
CO1045	OC306200508	4.24	11 1-	8ACWC	0	0	985	162	137	19	20	0.30	6.69	71
CO1051	CO1045	4.37	2 1-	8ACWC	0	0	929	161	12	1	2	0.02	6.71	0
OC-1432878358	CO1051	4.37	2 1-	20 N FUSE	0	0	929	161	12	1	9	0.00	6.71	0
CO1052	OC-1432878358	4.41	2 1-	8ACWC	0	0	914	160	12	1	2	0.00	6.71	0
CO1053	CO1052	4.46	2 1-	8ACWC	0	0	896	159	12	1	2	0.01	6.72	0
CO1054	CO1053	4.50	2 1-	8ACWC	0	0	881	159	12	1	2	0.00	6.72	0
CO1055	CO1054	4.53	2 1-	8ACWC	0	0	867	158	12	1	2	0.00	6.73	0
CO1056	CO1055	4.59	2 1-	8ACWC	0	0	847	158	12	1	2	0.01	6.73	0
CO1057	CO1056	4.71	2 1-	8ACWC	0	0	806	156	12	1	2	0.01	6.75	0
CO1058	CO1057	4.74	2 1-	8ACWC	0	0	799	156	12	1	2	0.00	6.75	0
CO1046	CO1045	4.45	9 1-	8ACWC	0	0	899	160	124	17	18	0.24	6.94	53
CO1047	CO1046	4.56	7 1-	8ACWC	0	0	857	158	123	17	18	0.13	7.07	28
CO1059	CO1047	4.65	6 1-	8ACWC	0	0	828	157	122	17	17	0.10	7.16	21
CO1060	CO1059	4.67	5 1-	8ACWC	0	0	821	157	121	17	17	0.02	7.19	4
CO1171	CO1060	4.79	4 1-	8ACWC	0	0	782	155	106	15	15	0.12	7.31	23
CO1048	CO1171	4.81	4 1-	8ACWC	0	0	777	155	106	15	15	0.02	7.33	4

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1049	CO1048	4.84	4 1-	8ACWC	0	0	768	154	106	15	15	0.03	7.36	6
CO1050	CO1049	5.10	4 1-	8ACWC	0	0	696	151	106	15	15	0.27	7.63	49
CO891	CO1050	5.25	2 1-	8ACWC	0	0	662	149	2	0	0	0.00	7.63	0
CO844	CO1050	5.21	2 1-	8ACWC	0	0	671	150	104	14	15	0.10	7.73	19
OC1341774088	CO844	5.21	2 1-	20 N FUSE	0	0	671	150	103	14	74	0.00	7.73	0
CO893	OC1341774088	5.48	1 1-	1/0PRIURD	0	0	645	298	54	7	5	0.02	7.75	0
CO892	OC1341774088	5.41	1 1-	1/0PRIURD	0	0	652	299	49	7	5	0.02	7.74	0
CO894	CO1047	4.64	1 1-	8ACWC	0	0	831	157	1	0	0	0.00	7.07	0
CO1040	CO847	4.02	402 3-	1/0ACSR	1496	1396	1110	167	2283	106	46	0.15	6.44	552
CO1041	CO1040	4.05	401 3-	1/0ACSR	1485	1387	1101	166	2278	106	46	0.05	6.49	187
CO1042	CO1041	4.07	400 3-	1/0ACSR	1478	1381	1096	166	2256	105	46	0.03	6.52	124
CO1043	CO1042	4.16	400 3-	1/0ACSR	1445	1350	1070	166	2256	105	46	0.16	6.69	607
CO1031	CO1043	4.20	9 1-	4ACSR	0	0	1055	165	58	8	6	0.01	6.70	0
OC-850800861	CO1031	4.20	8 1-	20 N FUSE	0	0	1055	165	51	7	36	0.00	6.70	0
CO1032	OC-850800861	4.32	8 1-	4ACSR	0	0	1015	164	51	7	5	0.04	6.74	3
CO1033	CO1032	4.35	7 1-	4ACSR	0	0	1004	164	48	6	5	0.01	6.75	0
CO1035	CO1033	4.37	6 1-	4ACSR	0	0	997	164	46	6	5	0.01	6.75	0
CO1036	CO1035	4.46	3 1-	4ACSR	0	0	966	163	35	5	4	0.02	6.77	0
CO1038	CO1036	4.61	1 1-	4ACSR	0	0	919	161	12	1	1	0.01	6.78	0
CO1039	CO1038	4.66	1 1-	4ACSR	0	0	905	161	12	1	1	0.00	6.79	0
CO1037	CO1036	4.54	1 1-	4ACSR	0	0	942	162	16	2	2	0.01	6.78	0
CO1034	CO1037	4.59	1 1-	4ACSR	0	0	924	162	16	2	2	0.00	6.78	0
CO903	CO1033	4.39	1 1-	4ACSR	0	0	991	164	2	0	0	0.00	6.75	0
CO-455964811	CO1043	4.26	391 3-	2ACSR	1405	1315	1040	165	2195	102	57	0.25	6.94	939
CO-1400634914	CO-455964811	4.34	1 1-	2ACSR	0	0	1017	165	2	0	0	0.00	6.94	0
OC-927979655	CO-1400634914	4.34	0 1-	20 N FUSE	0	0	1017	165	0	0	0	0.00	6.94	0
CO459953315	CO-455964811	4.36	390 3-	2ACSR	1369	1283	1013	165	2189	102	57	0.24	7.17	892
CO8228	CO459953315	4.36	390 3-	1/0ACSR	1368	1282	1012	165	2185	102	45	0.01	7.18	29
RG26	CO8228	4.36	389 3-	100.0000000000	1368	1282	1012	165	2185	102	0	-7.18	0.00	0
CO2035040634	RG26	4.37	3 3-	2ACSR	1365	1279	1010	164	16	0	0	0.00	0.00	0
CO-750805833	CO2035040634	4.42	3 1-	2ACSR	0	0	996	164	16	2	1	0.00	0.00	0
CO-1615234240	CO2035040634	4.42	0 3-	2ACSR	1347	1263	997	164	0	0	0	0.00	0.00	0
CO4188	RG26	4.40	386 3-	1/0ACSR	1355	1270	1002	164	2169	96	42	0.07	0.07	227
CO4118	CO4188	4.43	9 1-	4ACSR	0	0	992	164	48	6	5	0.01	0.08	0
OC138268963	CO4118	4.43	9 1-	20 N FUSE	0	0	992	164	48	6	33	0.00	0.08	0
CO4117	OC138268963	4.63	5 1-	4ACSR	0	0	928	162	30	4	3	0.04	0.11	0
CO4137	CO4117	4.76	2 1-	4ACSR	0	0	893	161	18	2	2	0.01	0.12	0
CO4136	CO4117	4.75	3 1-	4ACSR	0	0	894	161	12	1	1	0.00	0.12	0
CO4189	OC138268963	4.54	4 1-	4ACSR	0	0	956	163	18	2	2	0.01	0.08	0
CO4190	CO4189	4.59	2 1-	4ACSR	0	0	942	162	7	0	1	0.00	0.08	0
CO4191	CO4188	4.47	376 3-	1/0ACSR	1335	1252	987	164	2113	93	41	0.10	0.16	327
CO4192	CO4191	4.53	375 3-	1/0ACSR	1316	1235	973	164	2109	93	41	0.10	0.26	328
CO4193	CO4192	4.60	375 3-	1/0ACSR	1299	1218	959	163	2108	93	41	0.10	0.36	319
CO4194	CO4193	4.64	374 3-	1/0ACSR	1286	1206	949	163	2097	93	40	0.07	0.43	231
CO4195	CO4194	4.68	373 3-	1/0ACSR	1277	1199	943	163	2092	92	40	0.05	0.47	156
CO4203	CO4195	4.74	362 3-	1/0ACSR	1259	1182	929	163	2038	90	39	0.10	0.57	317
CO4139	CO4203	4.79	2 1-	4ACSR	0	0	916	162	8	1	1	0.00	0.57	0
OC1215560477	CO4139	4.79	0 1-	20 N FUSE	0	0	916	162	0	0	0	0.00	0.57	0
CO4204	CO4203	4.76	359 3-	1/0ACSR	1256	1179	926	163	2019	89	39	0.02	0.59	63
CO4119	CO4204	4.82	359 3-	1/0ACSR	1239	1163	913	162	2019	89	39	0.09	0.68	304
CO4314	CO4119	4.83	39 1-	2ACSR	0	0	912	162	266	36	20	0.01	0.69	3
OC122	CO4314	4.83	39 1-	35 H OCR	0	0	912	162	266	36	104	0.00	0.69	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4369	CO4322	9.12	1 1-	6ACWC	0	0	402	133	6	0	1	0.01	2.49	0
CO4370	CO4369	9.17	1 1-	6ACWC	0	0	398	133	6	0	1	0.00	2.49	0
CO4371	CO4370	9.22	1 1-	6ACWC	0	0	395	133	6	0	1	0.00	2.49	0
CO4372	CO4371	9.28	1 1-	6ACWC	0	0	392	132	6	0	1	0.00	2.49	0
CO4367	CO4361	8.79	1 1-	6ACWC	0	0	422	136	3	0	0	0.00	2.47	0
CO4368	CO4367	8.84	1 1-	6ACWC	0	0	419	135	3	0	0	0.00	2.47	0
CO4232	CO4231	7.33	2 1-	2ACSR	0	0	552	147	10	1	1	0.00	2.18	0
CO4233	CO4232	7.44	2 1-	2ACSR	0	0	543	146	10	1	1	0.00	2.19	0
CO4226	CO4166	6.32	4 1-	2ACSR	0	0	657	153	26	3	2	0.01	1.95	0
CO4311	CO4226	6.39	2 1-	2ACSR	0	0	649	152	15	2	1	0.00	1.96	0
CO4312	CO4311	6.44	1 1-	2ACSR	0	0	644	152	7	1	1	0.00	1.96	0
CO4310	CO4311	6.44	1 1-	750 MCM - 42 Wi	0	0	647	152	7	0	0	0.00	1.96	0
OC1428487240	CO4310	6.44	1 1-	20 N FUSE	0	0	647	152	7	0	5	0.00	1.96	0
CO4313	OC1428487240	6.50	1 1-	1/0PRIURD	0	0	644	309	7	0	1	0.00	1.96	0
CO4224	CO4166	6.40	1 1-	2ACSR	0	0	648	152	13	1	1	0.01	1.95	0
CO4225	CO4224	6.43	1 1-	2ACSR	0	0	645	152	13	1	1	0.00	1.95	0
CO4216	CO4215	5.57	2 1-	2ACSR	0	0	767	157	9	1	1	0.00	1.41	0
CO4217	CO4216	5.64	0 1-	2ACSR	0	0	754	157	0	0	0	0.00	1.41	0
CO4210	CO4209	5.22	5 1-	2ACSR	0	0	829	160	25	3	2	0.00	1.07	0
CO4142	CO4210	5.28	1 1-	2ACSR	0	0	818	159	7	0	1	0.00	1.07	0
CO4141	CO4210	5.26	1 1-	2ACSR	0	0	822	159	2	0	0	0.00	1.07	0
CO4211	CO4210	5.30	2 1-	2ACSR	0	0	814	159	4	0	0	0.00	1.07	0
CO4212	CO4211	5.33	2 1-	2ACSR	0	0	807	159	4	0	0	0.00	1.07	0
CO4206	CO4205	5.02	2 1-	2ACSR	0	0	869	161	11	1	1	0.00	0.84	0
CO4207	CO4206	5.07	1 1-	2ACSR	0	0	860	161	6	0	0	0.00	0.84	0
CO4120	CO4119	4.86	318 3-	1/0ACSR	1228	1154	905	162	1732	76	33	0.05	0.73	136
CO4121	CO4120	4.90	315 3-	1/0ACSR	1219	1145	898	162	1715	76	33	0.05	0.78	127
FD1151736273	CO4121	4.90	311 3-	_DefaultBayEqui	1219	1145	898	162	1701	75	0	0.00	0.78	0
CO4123	FD1151736273	4.98	311 3-	1/0ACSR	1201	1128	884	162	1701	75	33	0.09	0.87	248
OC1151736273	CO4123	4.98	310 3-	20 N FUSE	1201	1128	884	162	1684	74	374	0.00	0.87	0
CO30668	OC1151736273	5.02	310 3-	1/0ACSR	1191	1119	877	161	1684	76	33	0.05	0.92	133
CO4248	CO30668	5.16	310 3-	1/0ACSR	1158	1089	852	161	1683	76	33	0.20	1.11	487
CA-1163955036	CO4248	5.16	0 3-	Capacitor	1158	1089	852	161	0	0	0	0.00	1.11	0
CO4149	CO4248	5.24	1 1-	4ACSR	0	0	834	160	7	0	1	0.00	1.12	0
OC800562920	CO4149	5.24	0 1-	20 N FUSE	0	0	834	160	0	0	0	0.00	1.12	0
CO4249	CO4248	5.25	308 3-	1/0ACSR	1138	1070	836	160	1673	76	33	0.13	1.24	318
CO4250	CO4249	5.34	307 3-	1/0ACSR	1119	1053	822	160	1670	76	33	0.12	1.36	298
CO4253	CO4250	5.37	306 3-	1/0ACSR	1114	1048	818	160	1666	76	33	0.03	1.40	83
CO4254	CO4253	5.43	306 3-	1/0ACSR	1100	1035	808	160	1665	76	33	0.09	1.49	222
CO4148	CO4254	5.51	3 1-	4ACSR	0	0	791	159	5	0	0	0.00	1.49	0
OC-2051181536	CO4148	5.51	0 1-	20 N FUSE	0	0	791	159	0	0	0	0.00	1.49	0
CO4124	CO4254	5.53	303 3-	1/0ACSR	1081	1018	794	159	1660	76	33	0.13	1.61	315
CO4147	CO4124	5.59	1 1-	4ACSR	0	0	782	159	5	0	0	0.00	1.62	0
OC247994134	CO4147	5.59	0 1-	20 N FUSE	0	0	782	159	0	0	0	0.00	1.62	0
CO4125	CO4124	5.56	302 3-	1/0ACSR	1075	1012	789	159	1653	75	33	0.04	1.66	109
CO4126	CO4125	5.58	300 3-	1/0ACSR	1071	1009	786	159	1638	75	33	0.03	1.68	62
CO4146	CO4126	5.64	1 1-	4ACSR	0	0	774	158	0	0	0	0.00	1.68	0
OC-451549139	CO4146	5.64	0 1-	20 N FUSE	0	0	774	158	0	0	0	0.00	1.68	0
CO4127	CO4126	5.63	298 3-	1/0ACSR	1061	1000	779	159	1638	75	33	0.07	1.75	169
CO4128	CO4127	5.68	293 3-	1/0ACSR	1053	991	772	158	1624	74	32	0.06	1.82	152
CO4265	CO4128	5.70	289 3-	1/0ACSR	1048	987	769	158	1612	74	32	0.03	1.85	72
CO4266	CO4265	5.76	289 3-	1/0ACSR	1039	979	762	158	1612	74	32	0.07	1.92	168

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4145	CO4266	5.81	1 1-	4ACSR	0	0	751	158	6	0	1	0.00	1.92	0
CO4269	CO4266	5.91	285 3-	1/0ACSR	1011	953	741	157	1537	70	31	0.20	2.11	452
OC2001282870	CO4269	5.91	284 3-	20 N FUSE	1011	953	741	157	1535	70	354	0.00	2.11	0
CO4270	OC2001282870	6.20	284 3-	1/0ACSR	964	909	706	156	1535	70	31	0.36	2.47	827
CO4143	CO4270	6.32	0 1-	4ACSR	0	0	687	155	0	0	0	0.00	2.47	0
CO4129	CO4270	6.51	284 3-	1/0ACSR	918	866	671	155	1531	70	31	0.39	2.86	898
CO4152	CO4129	6.58	1 1-	4ACSR	0	0	661	154	1	0	0	0.00	2.86	0
OC-224737597	CO4152	6.58	0 1-	20 N FUSE	0	0	661	154	0	0	0	0.00	2.86	0
CO4271	CO4129	6.53	283 3-	1/0ACSR	916	865	670	155	1525	70	31	0.01	2.88	33
CO4272	CO4271	6.54	283 3-	1/0ACSR	913	862	668	155	1525	70	31	0.02	2.90	54
CO4273	CO4272	6.57	280 3-	1/0ACSR	910	859	666	154	1504	69	30	0.03	2.93	64
CO4153	CO4273	6.65	3 1-	4ACSR	0	0	653	154	15	2	1	0.00	2.93	0
OC-1735864456	CO4153	6.65	0 1-	20 N FUSE	0	0	653	154	0	0	0	0.00	2.93	0
CO4274	CO4273	6.76	276 3-	1/0ACSR	885	836	647	154	1486	68	30	0.23	3.16	515
CO4277	CO4274	6.78	275 3-	1/0ACSR	881	832	644	154	1483	68	30	0.03	3.19	71
CO8280	CO4277	6.82	273 3-	1/0ACSR	876	827	640	153	1474	68	30	0.05	3.24	108
CO8281	CO8280	6.97	5 1-	4ACSR	0	0	620	152	11	1	1	0.01	3.24	0
OC625390284	CO8281	6.97	1 1-	20 N FUSE	0	0	620	152	0	0	0	0.00	3.24	0
CO4278	OC625390284	7.04	1 1-	2ACSR	0	0	612	152	0	0	0	0.00	3.24	0
CO4108	CO8280	6.92	265 3-	1/0ACSR	864	816	631	153	1454	67	29	0.11	3.35	242
CO4109	CO4108	6.97	264 3-	2ACSR	856	809	626	153	1432	66	37	0.09	3.44	211
CO-820349632	CO4109	6.99	262 3-	2ACSR	852	806	623	152	1420	66	37	0.04	3.48	98
CO4115	CO-820349632	7.00	255 3-	1/0ACSR	851	805	622	152	1310	60	27	0.01	3.49	14
OC121	CO4115	7.00	255 3-	50 L OCR	851	805	622	152	1310	60	0	0.00	3.49	0
CO4116	OC121	7.16	255 3-	1/0ACSR	832	787	608	152	1310	60	27	0.18	3.67	348
OC-81325468	CO4116	7.16	254 3-	20 N FUSE	832	787	608	152	1301	60	303	0.00	3.67	0
CO8279	OC-81325468	7.23	254 3-	1/0ACSR	824	779	602	151	1301	60	26	0.07	3.74	139
CO4284	CO8279	7.32	248 3-	1/0ACSR	814	770	595	151	1262	58	26	0.09	3.82	167
CO4285	CO4284	7.34	245 3-	1/0ACSR	811	767	592	151	1236	57	25	0.03	3.85	54
CO4154	CO4285	7.38	2 1-	4ACSR	0	0	588	151	10	1	1	0.00	3.85	0
OC-1272694396	CO4154	7.38	1 1-	20 N FUSE	0	0	588	151	5	0	3	0.00	3.85	0
CO-1610313587	OC-1272694396	7.46	1 1-	2ACSR	0	0	580	150	5	0	0	0.00	3.86	0
CO4130	CO4285	7.37	243 3-	1/0ACSR	808	765	590	151	1225	57	25	0.03	3.88	53
CO4155	CO4130	7.43	2 1-	4ACSR	0	0	583	150	3	0	0	0.00	3.88	0
OC-1163486682	CO4155	7.43	0 1-	20 N FUSE	0	0	583	150	0	0	0	0.00	3.88	0
CO4286	CO4130	7.40	239 3-	1/0ACSR	805	762	588	151	1211	56	25	0.03	3.91	53
CO4287	CO4286	7.42	239 3-	1/0ACSR	803	760	586	151	1210	56	25	0.02	3.93	33
CO4131	CO4287	7.45	233 3-	1/0ACSR	800	757	584	151	1156	54	23	0.03	3.96	48
CO8290	CO4131	7.58	1 1-	4ACSR	0	0	568	149	8	1	1	0.01	3.96	0
OC1559236432	CO8290	7.58	1 1-	20 N FUSE	0	0	568	149	8	1	6	0.00	3.96	0
CO4376	OC1559236432	7.61	1 1-	4ACSR	0	0	564	149	8	1	1	0.00	3.96	0
CO4293	CO4131	7.48	232 3-	1/0ACSR	796	753	581	150	1148	53	23	0.03	3.99	59
CO4294	CO4293	7.53	231 3-	1/0ACSR	791	748	577	150	1130	52	23	0.04	4.03	77
CO8288	CO4294	7.58	4 1-	4ACSR	0	0	572	150	22	3	2	0.01	4.04	0
OC-1918209514	CO8288	7.58	4 1-	20 N FUSE	0	0	572	150	22	3	15	0.00	4.04	0
CO30664	OC-1918209514	7.62	4 1-	4ACSR	0	0	567	149	22	3	2	0.01	4.05	0
CO4429	CO30664	7.65	3 1-	4ACSR	0	0	563	149	21	2	2	0.00	4.05	0
CO4430	CO4429	7.71	2 1-	4ACSR	0	0	557	149	20	2	2	0.01	4.06	0
CO4373	CO4430	7.77	2 1-	4ACSR	0	0	550	148	20	2	2	0.01	4.07	0
CO4374	CO4373	7.83	2 1-	4ACSR	0	0	544	148	20	2	2	0.00	4.07	0
CO8287	CO4294	7.57	206 3-	1/0ACSR	787	745	574	150	990	46	20	0.03	4.06	45
CO4405	CO8287	7.65	204 3-	1/0ACSR	779	737	568	150	975	45	20	0.06	4.13	95

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4342	CO4405	7.74	1 1-	4ACSR	0	0	559	149	7	0	1	0.00	4.13	0
OC225955138	CO4342	7.74	0 1-	20 N FUSE	0	0	559	149	0	0	0	0.00	4.13	0
CO4324	CO4405	7.74	199 3-	1/0ACSR	770	729	562	149	934	43	19	0.07	4.19	92
CO4341	CO4324	7.77	1 1-	4ACSR	0	0	558	149	13	1	1	0.00	4.19	0
OC1642323911	CO4341	7.77	0 1-	20 N FUSE	0	0	558	149	0	0	0	0.00	4.19	0
CO4407	CO4324	7.83	196 3-	1/0ACSR	761	721	555	149	906	42	18	0.07	4.26	92
CO4408	CO4407	7.98	194 3-	1/0ACSR	747	707	545	148	896	41	18	0.11	4.37	154
CO4336	CO4408	8.04	193 3-	1/0ACSR	741	702	540	148	895	41	18	0.05	4.42	61
CO4330	CO4336	8.26	8 1-	4ACSR	0	0	518	146	47	6	5	0.07	4.48	5
OC-1351663611	CO4330	8.26	8 1-	20 N FUSE	0	0	518	146	47	6	33	0.00	4.48	0
CO4323	OC-1351663611	8.39	3 1-	4ACSR	0	0	505	145	18	2	2	0.02	4.50	0
CO8292	CO4323	8.56	0 1-	4ACSR	0	0	490	144	0	0	0	0.00	4.50	0
CO4375	CO4323	8.45	3 1-	4ACSR	0	0	500	145	18	2	2	0.01	4.50	0
CO8291	CO4375	8.52	2 1-	4ACSR	0	0	494	144	15	2	2	0.00	4.51	0
CO4444	OC-1351663611	8.32	5 1-	4ACSR	0	0	512	146	29	4	3	0.01	4.50	0
CO4340	CO4444	8.34	1 1-	4ACSR	0	0	511	146	2	0	0	0.00	4.50	0
CO4445	CO4444	8.38	4 1-	4ACSR	0	0	506	145	27	3	3	0.01	4.50	0
CO4406	CO4445	8.44	2 1-	4ACSR	0	0	501	145	21	2	2	0.00	4.51	0
CO4325	CO4336	8.08	182 3-	1/0ACSR	737	698	537	148	832	39	17	0.03	4.45	37
CO4347	CO4325	8.16	1 1-	4ACSR	0	0	530	147	11	1	1	0.00	4.45	0
OC-2115784432	CO4347	8.16	0 1-	20 N FUSE	0	0	530	147	0	0	0	0.00	4.45	0
CO4326	CO4325	8.11	181 3-	1/0ACSR	734	695	535	148	821	38	17	0.02	4.47	27
CO4409	CO4326	8.17	3 1-	4ACSR	0	0	529	147	21	2	2	0.01	4.48	0
OC-1817989223	CO4409	8.17	2 1-	20 N FUSE	0	0	529	147	15	2	11	0.00	4.48	0
CO4410	OC-1817989223	8.19	2 1-	4ACSR	0	0	527	147	15	2	2	0.00	4.48	0
CO4411	CO4410	8.26	1 1-	4ACSR	0	0	521	147	3	0	0	0.00	4.48	0
CO4412	CO4411	8.30	0 1-	4ACSR	0	0	516	146	0	0	0	0.00	4.48	0
CO4387	CO4412	8.38	0 1-	4ACSR	0	0	509	146	0	0	0	0.00	4.48	0
CO4388	CO4387	8.44	0 1-	4ACSR	0	0	504	145	0	0	0	0.00	4.48	0
CO4362	CO4326	8.18	176 3-	1/0ACSR	728	689	531	148	771	36	16	0.04	4.51	50
CO4413	CO4362	8.23	176 3-	1/0ACSR	723	685	527	147	771	36	16	0.03	4.54	39
OC1464888768	CO4413	8.23	175 3-	20 N FUSE	723	685	527	147	769	36	180	0.00	4.54	0
CO4424	OC1464888768	8.33	175 3-	1/0ACSR	714	677	521	147	769	36	16	0.06	4.61	75
CO4425	CO4424	8.46	173 3-	1/0ACSR	703	666	513	146	765	35	16	0.08	4.69	97
CO4422	CO4425	8.65	170 3-	1/0ACSR	688	652	501	146	745	35	15	0.12	4.81	133
CO4423	CO4422	8.67	168 3-	1/0ACSR	686	651	500	146	742	34	15	0.01	4.82	13
CO4346	CO4423	8.74	2 1-	4ACSR	0	0	494	145	11	1	1	0.00	4.82	0
OC779965302	CO4346	8.74	0 1-	20 N FUSE	0	0	494	145	0	0	0	0.00	4.82	0
CO4345	CO4423	8.80	2 1-	4ACSR	0	0	489	145	5	0	0	0.00	4.82	0
OC-867957739	CO4345	8.80	0 1-	20 N FUSE	0	0	489	145	0	0	0	0.00	4.82	0
CO4414	CO4423	8.71	164 3-	1/0ACSR	683	648	498	145	726	34	15	0.02	4.84	26
CO4415	CO4414	8.75	163 3-	1/0ACSR	680	645	496	145	725	34	15	0.02	4.86	24
CO4344	CO4415	8.85	0 1-	4ACSR	0	0	486	144	0	0	0	0.00	4.86	0
OC336125309	CO4344	8.85	0 1-	20 N FUSE	0	0	486	144	0	0	0	0.00	4.86	0
CO4439	CO4415	8.76	161 3-	1/0ACSR	680	644	495	145	710	33	15	0.01	4.87	6
CO4440	CO4439	8.82	160 3-	1/0ACSR	674	639	491	145	701	32	14	0.04	4.91	41
CO4433	CO4440	8.94	5 1-	4ACSR	0	0	481	144	13	1	1	0.01	4.91	0
OC-458485134	CO4433	8.94	2 1-	20 N FUSE	0	0	481	144	5	0	3	0.00	4.91	0
CO4434	OC-458485134	9.06	2 1-	4ACSR	0	0	472	143	5	0	0	0.00	4.92	0
CO4416	CO4440	8.86	154 3-	1/0ACSR	671	637	489	145	681	32	14	0.02	4.93	22
CO4417	CO4416	8.89	151 3-	1/0ACSR	669	635	488	145	671	31	14	0.02	4.95	16
CO494638815	CO4417	8.99	147 3-	2ACSR	660	626	481	144	644	30	17	0.07	5.02	79

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-375668686	CO494638815	9.02	140 3-	2ACSR	658	624	479	144	610	28	16	0.02	5.04	22
CO4395	CO-375668686	9.06	140 3-	1/0ACSR	654	621	477	144	610	28	13	0.02	5.07	23
CO4431	CO4395	9.14	139 3-	1/0ACSR	648	615	473	143	604	28	12	0.04	5.11	36
CO4432	CO4431	9.20	138 3-	1/0ACSR	644	611	469	143	602	28	12	0.03	5.14	27
CO4396	CO4432	9.31	137 3-	1/0ACSR	637	604	464	143	593	27	12	0.05	5.19	47
CO4327	CO4396	9.47	128 3-	1/0ACSR	626	594	456	142	534	25	11	0.07	5.26	59
CO4343	CO4327	9.60	2 1-	4ACSR	0	0	446	141	10	1	1	0.00	5.26	0
OC2094062241	CO4343	9.60	0 1-	20 N FUSE	0	0	446	141	0	0	0	0.00	5.26	0
CO4328	CO4327	9.51	126 3-	1/0ACSR	623	592	454	142	523	24	11	0.02	5.28	15
CO4329	CO4328	9.64	123 3-	1/0ACSR	615	584	448	142	499	23	10	0.05	5.33	39
CO4398	CO4329	9.69	113 3-	1/0ACSR	612	581	445	141	451	21	9	0.02	5.35	13
CO4399	CO4398	9.70	112 3-	1/0ACSR	611	580	445	141	443	20	9	0.00	5.35	3
CO4400	CO4399	9.72	111 3-	1/0ACSR	610	579	444	141	431	20	9	0.01	5.36	4
CO4401	CO4400	9.84	110 3-	1/0ACSR	602	572	439	141	426	20	9	0.04	5.40	28
CO4331	CO4401	9.93	107 3-	1/0ACSR	597	567	434	140	415	19	9	0.03	5.43	21
CO4332	CO4331	10.06	34 3-	1/0ACSR	589	559	429	140	159	7	3	0.02	5.45	4
CO4437	CO4332	10.07	32 1-	6ACWC	0	0	428	140	153	21	15	0.01	5.46	0
CO4438	CO4437	10.15	32 1-	6ACWC	0	0	423	139	153	21	15	0.07	5.53	18
CO4402	CO4438	10.38	28 1-	6ACWC	0	0	408	138	138	19	14	0.21	5.74	47
CO4350	CO4402	10.48	1 1-	6ACWC	0	0	403	137	8	1	1	0.00	5.74	0
CO4333	CO4402	10.48	26 1-	6ACWC	0	0	403	137	127	17	13	0.08	5.81	16
CO4349	CO4333	10.53	0 1-	6ACWC	0	0	400	137	0	0	0	0.00	5.81	0
CO4334	CO4333	10.55	21 1-	6ACWC	0	0	398	136	111	15	11	0.05	5.87	10
OC613148818	CO4334	10.55	21 1-	35 H OCR	0	0	398	136	111	15	45	0.00	5.87	0
CO8294	OC613148818	10.76	19 1-	6ACWC	0	0	387	135	100	14	10	0.13	6.00	21
CO4478	CO8294	10.80	18 1-	6ACWC	0	0	384	135	97	13	10	0.03	6.03	5
CO4479	CO4478	10.95	14 1-	6ACWC	0	0	376	134	78	11	8	0.08	6.10	10
CO4570	CO4479	11.07	1 1-	4ACSR	0	0	370	133	3	0	0	0.00	6.10	0
CO4571	CO4570	11.21	0 1-	4ACSR	0	0	363	132	0	0	0	0.00	6.10	0
CO4554	CO4571	11.29	0 1-	4ACSR	0	0	360	131	0	0	0	0.00	6.10	0
CO4488	CO4479	11.01	1 1-	4ACSR	0	0	373	133	4	0	0	0.00	6.10	0
CO4480	CO4479	11.16	12 1-	6ACWC	0	0	366	132	71	10	7	0.09	6.20	11
CO4481	CO4480	11.32	9 1-	6ACWC	0	0	358	131	38	5	4	0.04	6.24	3
CO4487	CO4481	11.44	1 1-	4ACSR	0	0	353	130	8	1	1	0.00	6.24	0
CO4482	CO4481	11.43	8 1-	6ACWC	0	0	353	130	30	4	3	0.02	6.26	0
CO4495	CO4482	11.60	7 1-	6ACWC	0	0	345	129	26	3	3	0.03	6.29	0
CO4496	CO4495	11.69	7 1-	6ACWC	0	0	341	129	26	3	3	0.02	6.30	0
CO4497	CO4496	11.81	7 1-	6ACWC	0	0	336	128	26	3	3	0.02	6.32	0
CO4572	CO4497	11.84	4 1-	6ACWC	0	0	335	128	20	2	2	0.00	6.32	0
CO4573	CO4572	11.87	3 1-	6ACWC	0	0	334	128	12	1	1	0.00	6.32	0
CO4531	CO4573	12.01	3 1-	6ACWC	0	0	328	127	12	1	1	0.01	6.34	0
CO4532	CO4531	12.27	3 1-	6ACWC	0	0	318	125	12	1	1	0.02	6.36	0
CO4533	CO4532	12.56	3 1-	6ACWC	0	0	307	123	12	1	1	0.02	6.38	0
OC312197829	CO4533	12.56	3 1-	20 N FUSE	0	0	307	123	12	1	9	0.00	6.38	0
CO4534	OC312197829	12.92	3 1-	6ACWC	0	0	295	121	12	1	1	0.03	6.41	0
CO4563	CO4534	13.07	1 1-	6ACWC	0	0	290	120	5	0	1	0.01	6.41	0
CO4568	CO4563	13.17	1 1-	6ACWC	0	0	287	120	5	0	1	0.00	6.42	0
CO4569	CO4568	13.22	1 1-	6ACWC	0	0	285	120	5	0	1	0.00	6.42	0
CO4502	CO4569	13.24	0 1-	6ACWC	0	0	285	120	0	0	0	0.00	6.42	0
CO4596	CO4502	13.24	0 1-	4ACSR	0	0	285	119	0	0	0	0.00	6.42	0
OH174	CO4569	13.26	0 1-	#2 ACSR 7/1	0	0	284	119	0	0	0	0.00	6.42	0
SW173-B	OH174	13.26	0 1-	Open	0	0	284	119	0	0	0	0.00	6.42	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4498	CO4534	12.99	2 1-	4ACSR	0	0	292	121	7	0	1	0.00	6.41	0
CO4499	CO4498	13.14	2 1-	4ACSR	0	0	288	120	7	0	1	0.01	6.42	0
CO4500	CO4499	13.22	2 1-	4ACSR	0	0	285	120	7	0	1	0.00	6.42	0
CO4501	CO4500	13.38	2 1-	4ACSR	0	0	280	119	7	0	1	0.00	6.43	0
CO4591	CO4497	11.81	2 1-	2ACSR	0	0	336	128	0	0	0	0.00	6.32	0
OC126	CO4591	11.81	2 1-	10 N FUSE	0	0	336	128	0	0	0	0.00	6.32	0
CO4592	OC126	11.96	2 1-	2ACSR	0	0	331	127	0	0	0	0.00	6.32	0
CO4535	CO4592	12.03	1 1-	2ACSR	0	0	329	127	0	0	0	0.00	6.32	0
CO4536	CO4535	12.16	1 1-	2ACSR	0	0	325	126	0	0	0	0.00	6.32	0
CO4537	CO4536	12.19	1 1-	2ACSR	0	0	324	126	0	0	0	0.00	6.32	0
OC169007061	CO4537	12.19	1 1-	20 N FUSE	0	0	324	126	0	0	0	0.00	6.32	0
CO4538	OC169007061	12.25	1 1-	2ACSR	0	0	322	126	0	0	0	0.00	6.32	0
CO4539	CO4538	12.37	1 1-	2ACSR	0	0	319	125	0	0	0	0.00	6.32	0
CO4540	CO4539	12.55	1 1-	2ACSR	0	0	313	125	0	0	0	0.00	6.32	0
CO4541	CO4540	12.64	1 1-	2ACSR	0	0	311	124	0	0	0	0.00	6.32	0
CO4542	CO4541	12.71	1 1-	2ACSR	0	0	309	124	0	0	0	0.00	6.32	0
CO4543	CO4542	12.77	1 1-	2ACSR	0	0	307	124	0	0	0	0.00	6.32	0
CO4604	CO4543	13.03	1 1-	2ACSR	0	0	300	123	0	0	0	0.00	6.32	0
CO4544	CO4604	13.09	1 1-	2ACSR	0	0	298	122	0	0	0	0.00	6.32	0
CO4545	CO4544	13.22	1 1-	2ACSR	0	0	295	122	0	0	0	0.00	6.32	0
CO4546	CO4545	13.28	1 1-	2ACSR	0	0	294	122	0	0	0	0.00	6.32	0
CO4547	CO4546	13.35	1 1-	2ACSR	0	0	292	121	0	0	0	0.00	6.32	0
CO4548	CO4547	13.39	1 1-	2ACSR	0	0	291	121	0	0	0	0.00	6.32	0
CO4549	CO4548	13.42	1 1-	2ACSR	0	0	290	121	0	0	0	0.00	6.32	0
CO4550	CO4549	13.48	1 1-	2ACSR	0	0	289	121	0	0	0	0.00	6.32	0
CO4551	CO4550	13.57	1 1-	2ACSR	0	0	286	120	0	0	0	0.00	6.32	0
CO4486	CO4482	11.54	1 1-	4ACSR	0	0	348	130	4	0	0	0.00	6.26	0
CO4589	CO4480	11.26	3 1-	4ACSR	0	0	361	131	32	4	3	0.02	6.21	0
CO4590	CO4589	11.30	2 1-	4ACSR	0	0	359	131	27	3	3	0.00	6.22	0
CO4552	CO4590	11.33	1 1-	4ACSR	0	0	358	131	13	1	1	0.00	6.22	0
CO4553	CO4552	11.39	1 1-	4ACSR	0	0	355	131	13	1	1	0.00	6.23	0
CO4599	CO4478	10.91	4 1-	4ACSR	0	0	379	134	19	2	2	0.01	6.04	0
CO4489	CO4599	11.00	1 1-	4ACSR	0	0	374	133	6	0	1	0.00	6.04	0
CO4600	CO4599	10.96	3 1-	4ACSR	0	0	376	134	12	1	1	0.00	6.04	0
CO4555	CO4600	11.00	2 1-	4ACSR	0	0	374	133	10	1	1	0.00	6.04	0
CO4603	CO8294	10.94	1 1-	6ACWC	0	0	377	134	3	0	0	0.00	6.00	0
CO4443	OC613148818	10.61	2 1-	6ACWC	0	0	395	136	11	1	1	0.00	5.87	0
CO4348	CO4443	10.68	0 1-	6ACWC	0	0	391	135	0	0	0	0.00	5.87	0
CO8296	CO4443	10.75	1 1-	6ACWC	0	0	387	135	4	0	0	0.00	5.87	0
CO4363	OC613148818	10.91	0 1-	6ACWC	0	0	378	134	0	0	0	0.00	5.87	0
CO4364	CO4363	10.99	0 1-	6ACWC	0	0	374	133	0	0	0	0.00	5.87	0
CO4403	CO4333	10.57	3 1-	6ACWC	0	0	397	136	12	1	1	0.01	5.82	0
CO4404	CO4403	10.61	1 1-	6ACWC	0	0	395	136	8	1	1	0.00	5.82	0
CO4389	CO4404	10.63	1 1-	6ACWC	0	0	394	136	8	1	1	0.00	5.82	0
CO4390	CO4389	10.71	1 1-	6ACWC	0	0	389	135	8	1	1	0.00	5.82	0
CO4351	CO4332	10.10	2 1-	6ACWC	0	0	426	140	6	0	1	0.00	5.45	0
CO-1905230741	CO4331	10.03	1 3-	1/0ACSR	590	561	430	140	10	0	0	0.00	5.43	0
CO4435	CO4331	9.94	72 1-	4ACSR	0	0	434	140	246	34	25	0.01	5.44	4
OC124	CO4435	9.94	72 1-	35 H OCR	0	0	434	140	246	34	100	0.00	5.44	0
CO4436	OC124	10.04	72 1-	4ACSR	0	0	427	140	246	34	25	0.17	5.61	70
CO4335	CO4436	10.21	72 1-	4ACSR	0	0	416	138	246	34	25	0.27	5.88	108
CO4365	CO4335	10.42	71 1-	4ACSR	0	0	403	137	239	34	24	0.32	6.20	126

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4366	CO4366	10.45	70 1-	4ACSR	0	0	401	137	231	32	24	0.05	6.25	20
CO8295	CO4366	10.50	68 1-	4ACSR	0	0	398	136	227	32	23	0.08	6.33	29
CO4575	CO8295	10.58	67 1-	4ACSR	0	0	393	136	222	31	23	0.12	6.44	43
CO4490	CO4575	10.66	1 1-	4ACSR	0	0	389	135	11	1	1	0.00	6.45	0
CO4576	CO4575	10.88	66 1-	4ACSR	0	0	377	134	210	30	21	0.39	6.83	132
CO4577	CO4576	10.98	63 1-	4ACSR	0	0	372	133	193	27	20	0.12	6.95	39
CO4578	CO4577	11.04	60 1-	4ACSR	0	0	369	132	181	25	19	0.07	7.02	21
CO4559	CO4578	11.13	2 1-	4ACSR	0	0	364	132	11	1	1	0.01	7.03	0
CO4560	CO4559	11.19	2 1-	4ACSR	0	0	362	131	11	1	1	0.00	7.03	0
CO4597	CO4578	11.13	3 1-	4ACSR	0	0	364	132	12	1	1	0.01	7.03	0
CO4494	CO4597	11.16	1 1-	4ACSR	0	0	363	132	9	1	1	0.00	7.03	0
CO4598	CO4597	11.16	1 1-	4ACSR	0	0	363	132	3	0	0	0.00	7.03	0
CO4579	CO4578	11.16	54 1-	4ACSR	0	0	363	132	149	21	15	0.12	7.14	30
CO4580	CO4579	11.21	53 1-	4ACSR	0	0	360	131	149	21	15	0.05	7.19	12
CO4581	CO4580	11.27	51 1-	4ACSR	0	0	357	131	137	19	14	0.05	7.25	13
CO4493	CO4581	11.34	0 1-	4ACSR	0	0	354	130	0	0	0	0.00	7.25	0
CO4485	CO4581	11.44	50 1-	4ACSR	0	0	349	130	137	19	14	0.15	7.40	35
CO4492	CO4485	11.50	2 1-	4ACSR	0	0	347	129	11	1	1	0.00	7.40	0
CO4587	CO4485	11.49	48 1-	4ACSR	0	0	348	129	126	18	13	0.03	7.43	7
CO4588	CO4587	11.52	48 1-	4ACSR	0	0	346	129	126	18	13	0.03	7.46	6
CO4564	CO4588	11.57	3 1-	4ACSR	0	0	344	129	8	1	1	0.00	7.46	0
CO4565	CO4564	11.69	2 1-	4ACSR	0	0	339	128	6	0	1	0.00	7.47	0
CO4484	CO4588	11.63	44 1-	4ACSR	0	0	341	129	111	15	11	0.08	7.54	14
CO4557	CO4484	11.66	1 1-	4ACSR	0	0	340	128	5	0	0	0.00	7.54	0
CO4558	CO4557	11.72	1 1-	4ACSR	0	0	337	128	5	0	0	0.00	7.54	0
CO4582	CO4484	11.67	42 1-	4ACSR	0	0	339	128	104	15	11	0.03	7.56	5
CO4583	CO4582	11.70	41 1-	4ACSR	0	0	338	128	99	14	10	0.02	7.59	3
CO4584	CO4583	11.81	39 1-	4ACSR	0	0	333	127	90	13	9	0.06	7.65	9
CO4585	CO4584	11.85	36 1-	4ACSR	0	0	332	127	81	11	8	0.02	7.67	3
CO4586	CO4585	11.99	36 1-	4ACSR	0	0	326	126	81	11	8	0.08	7.75	10
OC-1157202379	CO4586	11.99	36 1-	20 N FUSE	0	0	326	126	81	11	59	0.00	7.75	0
CO4556	OC-1157202379	12.08	2 1-	4ACSR	0	0	323	126	16	2	2	0.01	7.75	0
CO4574	CO4556	12.14	2 1-	4ACSR	0	0	320	125	16	2	2	0.01	7.76	0
CO4601	CO4574	12.16	1 1-	4ACSR	0	0	319	125	8	1	1	0.00	7.76	0
CO4491	CO4601	12.21	1 1-	4ACSR	0	0	317	125	8	1	1	0.00	7.76	0
CO4602	CO4601	12.25	0 1-	4ACSR	0	0	316	125	0	0	0	0.00	7.76	0
CO4483	OC-1157202379	12.11	34 1-	4ACSR	0	0	321	126	65	9	7	0.05	7.80	6
CO4527	CO4483	12.38	2 1-	4ACSR	0	0	311	124	3	0	0	0.00	7.80	0
CO4528	CO4527	12.51	2 1-	2ACSR	0	0	307	123	3	0	0	0.00	7.80	0
CO-1821014386	CO4528	12.64	2 1-	2ACSR	0	0	304	123	3	0	0	0.00	7.80	0
CO4529	CO-1821014386	12.68	2 1-	4ACSR	0	0	302	123	3	0	0	0.00	7.80	0
CO4561	CO4529	12.74	0 1-	4ACSR	0	0	300	122	0	0	0	0.00	7.80	0
CO4562	CO4561	12.78	0 1-	4ACSR	0	0	299	122	0	0	0	0.00	7.80	0
CO4530	CO4529	12.94	2 1-	4ACSR	0	0	294	121	3	0	0	0.00	7.81	0
CO8298	CO4530	13.03	2 1-	4ACSR	0	0	291	121	3	0	0	0.00	7.81	0
CO512095037	CO4528	12.58	0 1-	2ACSR	0	0	305	123	0	0	0	0.00	7.80	0
CO4593	CO4483	12.12	32 1-	4ACSR	0	0	321	126	62	9	6	0.00	7.80	0
OC127	CO4593	12.12	32 1-	15 H OCR	0	0	321	126	62	9	60	0.00	7.80	0
CO4594	OC127	12.41	32 1-	4ACSR	0	0	310	124	62	9	6	0.12	7.92	13
CO4503	CO4594	12.55	32 1-	4ACSR	0	0	305	123	62	9	6	0.06	7.98	6
CO4504	CO4503	12.70	31 1-	4ACSR	0	0	299	122	62	9	6	0.06	8.04	7
CO4505	CO4504	12.74	31 1-	4ACSR	0	0	298	122	62	9	6	0.01	8.05	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4506	CO4505	12.82	29 1-	4ACSR	0	0	296	121	56	8	6	0.03	8.08	3
CO4507	CO4506	12.86	26 1-	4ACSR	0	0	294	121	55	7	6	0.01	8.10	0
OC-764681469	CO4507	12.86	23 1-	20 N FUSE	0	0	294	121	54	7	39	0.00	8.10	0
CO4508	OC-764681469	12.99	23 1-	4ACSR	0	0	290	120	54	7	6	0.05	8.14	4
CO4509	CO4508	13.06	23 1-	4ACSR	0	0	288	120	54	7	6	0.03	8.17	2
CO4510	CO4509	13.11	20 1-	4ACSR	0	0	286	120	51	7	5	0.01	8.18	0
CO4511	CO4510	13.19	16 1-	4ACSR	0	0	284	119	42	6	4	0.02	8.21	0
CO4512	CO4511	13.24	16 1-	4ACSR	0	0	282	119	42	6	4	0.01	8.22	0
CO4513	CO4512	13.31	16 1-	4ACSR	0	0	280	119	42	6	4	0.02	8.24	0
CO4514	CO4513	13.36	16 1-	4ACSR	0	0	279	118	42	6	4	0.01	8.25	0
CO4515	CO4514	13.39	12 1-	4ACSR	0	0	278	118	34	4	4	0.01	8.26	0
CO4516	CO4515	13.45	10 1-	4ACSR	0	0	276	118	34	4	4	0.01	8.27	0
CO4517	CO4516	13.51	7 1-	4ACSR	0	0	274	117	25	3	3	0.01	8.28	0
CO4518	CO4517	13.59	6 1-	4ACSR	0	0	272	117	19	2	2	0.01	8.29	0
OC1845852516	CO4518	13.59	6 1-	20 N FUSE	0	0	272	117	19	2	13	0.00	8.29	0
CO4519	OC1845852516	13.62	6 1-	4ACSR	0	0	271	117	19	2	2	0.00	8.29	0
CO4566	CO4519	13.68	5 1-	4ACSR	0	0	269	117	18	2	2	0.01	8.30	0
CO4567	CO4566	13.74	4 1-	4ACSR	0	0	268	116	13	1	1	0.01	8.31	0
CO4520	CO4567	13.83	4 1-	4ACSR	0	0	265	116	13	1	1	0.01	8.31	0
CO4521	CO4520	13.85	4 1-	4ACSR	0	0	264	116	13	1	1	0.00	8.32	0
CO4522	CO4521	13.87	4 1-	4ACSR	0	0	264	116	13	1	1	0.00	8.32	0
CO4523	CO4522	13.90	2 1-	4ACSR	0	0	263	115	4	0	0	0.00	8.32	0
CO4391	CO4366	10.51	2 1-	4ACSR	0	0	398	136	4	0	0	0.00	6.25	0
CO4392	CO4391	10.57	1 1-	4ACSR	0	0	394	136	0	0	0	0.00	6.25	0
CO4393	CO4392	10.65	1 1-	4ACSR	0	0	390	135	0	0	0	0.00	6.25	0
CO4354	CO4335	10.27	1 1-	4ACSR	0	0	412	138	6	0	1	0.00	5.88	0
CO4353	CO4436	10.16	0 1-	4ACSR	0	0	419	139	0	0	0	0.00	5.61	0
CO4352	CO4401	9.93	3 1-	4ACSR	0	0	432	140	11	1	1	0.00	5.40	0
OC-1746936887	CO4352	9.93	0 1-	20 N FUSE	0	0	432	140	0	0	0	0.00	5.40	0
CO4377	CO4329	9.68	6 1-	4ACSR	0	0	444	141	37	5	4	0.01	5.34	0
OC31976857	CO4377	9.68	6 1-	20 N FUSE	0	0	444	141	37	5	26	0.00	5.34	0
CO4446	OC31976857	9.79	6 1-	4ACSR	0	0	437	140	37	5	4	0.02	5.36	0
CO4447	CO4446	9.95	1 1-	4ACSR	0	0	426	139	4	0	0	0.00	5.36	0
CO4356	CO4446	9.86	2 1-	2ACSR	0	0	433	140	27	3	2	0.01	5.37	0
CO1466029035	CO4356	9.97	1 1-	2ACSR	0	0	427	139	17	2	1	0.00	5.37	0
CO4420	CO4328	9.52	3 1-	4ACSR	0	0	453	142	24	3	2	0.00	5.28	0
CO4421	CO4420	9.58	2 1-	4ACSR	0	0	449	142	12	1	1	0.00	5.28	0
OC-1450924865	CO4421	9.58	1 1-	20 N FUSE	0	0	449	142	7	0	5	0.00	5.28	0
CO4397	OC-1450924865	9.62	1 1-	4ACSR	0	0	445	141	7	0	1	0.00	5.28	0
CO4441	CO4396	9.43	6 1-	4ACSR	0	0	454	142	41	5	4	0.03	5.22	0
OC-660240121	CO4441	9.43	4 1-	20 N FUSE	0	0	454	142	29	4	20	0.00	5.22	0
CO4442	OC-660240121	9.49	1 1-	4ACSR	0	0	450	141	6	0	1	0.00	5.22	0
CO4378	OC-660240121	9.48	3 1-	4ACSR	0	0	451	141	23	3	2	0.01	5.22	0
CO4379	CO4378	9.49	2 1-	4ACSR	0	0	450	141	16	2	2	0.00	5.22	0
CO4380	CO4379	9.52	1 1-	4ACSR	0	0	448	141	10	1	1	0.00	5.22	0
CO-1900459246	CO494638815	9.03	7 1-	2ACSR	0	0	478	144	33	4	3	0.01	5.03	0
CO-1684421819	CO-1900459246	9.13	7 1-	2ACSR	0	0	472	143	33	4	3	0.01	5.04	0
CO1846261001	CO-1684421819	9.20	4 1-	2ACSR	0	0	467	143	21	2	2	0.00	5.05	0
CO-1437748257	CO1846261001	9.22	2 1-	2ACSR	0	0	466	143	10	1	1	0.00	5.05	0
CO751702014	CO-1437748257	9.26	2 1-	2ACSR	0	0	463	143	10	1	1	0.00	5.05	0
CO1404978956	CO1846261001	9.23	0 1-	2ACSR	0	0	466	143	0	0	0	0.00	5.05	0
CO1200097610	CO-1684421819	9.18	2 1-	2ACSR	0	0	468	143	8	1	1	0.00	5.04	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4418	CO4417	8.96	4 1-	4ACSR	0	0	481	144	28	3	3	0.01	4.96	0
OC236072092	CO4418	8.96	3 1-	20 N FUSE	0	0	481	144	19	2	13	0.00	4.96	0
CO4419	OC236072092	9.03	3 1-	4ACSR	0	0	476	144	19	2	2	0.01	4.96	0
CO4381	CO4419	9.11	1 1-	4ACSR	0	0	470	143	8	1	1	0.00	4.97	0
CO4382	CO4381	9.16	1 1-	4ACSR	0	0	466	143	8	1	1	0.00	4.97	0
CO4357	CO4439	8.80	1 1-	2ACSR	0	0	492	145	10	1	1	0.00	4.87	0
CO4383	CO4425	8.56	2 1-	4ACSR	0	0	504	146	15	2	1	0.01	4.70	0
OC1813283980	CO4383	8.56	1 1-	20 N FUSE	0	0	504	146	12	1	8	0.00	4.70	0
CO4384	OC1813283980	8.59	1 1-	4ACSR	0	0	501	145	12	1	1	0.00	4.70	0
CO4385	CO4384	8.68	1 1-	4ACSR	0	0	493	145	12	1	1	0.01	4.71	0
CO4386	CO4385	8.76	1 1-	4ACSR	0	0	486	144	12	1	1	0.00	4.71	0
CO4355	CO4408	8.03	1 1-	4ACSR	0	0	539	148	0	0	0	0.00	4.37	0
OC-444326218	CO4355	8.03	0 1-	20 N FUSE	0	0	539	148	0	0	0	0.00	4.37	0
CO4295	CO4294	7.58	19 1-	4ACSR	0	0	572	150	116	16	12	0.03	4.07	6
OC-1517529088	CO4295	7.58	13 1-	20 N FUSE	0	0	572	150	98	13	69	0.00	4.07	0
CO4296	OC-1517529088	7.63	13 1-	4ACSR	0	0	566	149	98	13	10	0.03	4.09	4
CO4156	CO4296	7.67	1 1-	4ACSR	0	0	561	149	5	0	0	0.00	4.10	0
CO4297	CO4296	7.64	11 1-	4ACSR	0	0	565	149	82	11	8	0.00	4.10	0
CO4298	CO4297	7.68	11 1-	4ACSR	0	0	560	149	82	11	8	0.02	4.12	3
CO4299	CO4298	7.71	10 1-	4ACSR	0	0	557	149	76	10	8	0.01	4.14	0
CO4300	CO4299	7.75	9 1-	4ACSR	0	0	552	148	71	9	7	0.02	4.15	0
CO4157	CO4300	7.79	0 1-	4ACSR	0	0	548	148	0	0	0	0.00	4.15	0
CO4303	CO4300	7.80	7 1-	4ACSR	0	0	547	148	56	7	6	0.02	4.17	0
CO4304	CO4303	7.82	6 1-	4ACSR	0	0	545	148	48	6	5	0.01	4.17	0
CO4305	CO4304	7.86	3 1-	4ACSR	0	0	540	147	28	3	3	0.01	4.18	0
CO4307	CO4305	7.88	2 1-	4ACSR	0	0	539	147	17	2	2	0.00	4.18	0
CO4308	CO4307	8.00	1 1-	4ACSR	0	0	526	146	7	0	1	0.01	4.19	0
CO4309	CO4308	8.05	1 1-	1/0PRIURD	0	0	524	282	7	0	1	0.00	4.19	0
CO4306	CO4305	7.90	1 1-	4ACSR	0	0	536	147	11	1	1	0.00	4.18	0
CO4301	CO4300	7.82	2 1-	4ACSR	0	0	545	148	15	2	1	0.01	4.16	0
CO4302	CO4301	7.84	1 1-	4ACSR	0	0	542	148	10	1	1	0.00	4.16	0
CO4290	CO4287	7.45	4 1-	4ACSR	0	0	583	150	26	3	3	0.00	3.93	0
OC-1431406022	CO4290	7.45	4 1-	20 N FUSE	0	0	583	150	26	3	18	0.00	3.93	0
CO4291	OC-1431406022	7.49	4 1-	4ACSR	0	0	578	150	26	3	3	0.00	3.94	0
CO4292	CO4291	7.52	2 1-	4ACSR	0	0	574	150	10	1	1	0.00	3.94	0
CO4288	CO4287	7.47	2 1-	4ACSR	0	0	581	150	28	3	3	0.01	3.94	0
OC-31436712	CO4288	7.47	1 1-	20 N FUSE	0	0	581	150	18	2	12	0.00	3.94	0
CO4289	OC-31436712	7.54	1 1-	4ACSR	0	0	571	150	18	2	2	0.00	3.94	0
CO4279	CO8279	7.30	4 1-	4ACSR	0	0	593	151	25	3	2	0.01	3.75	0
OC-1249878219	CO4279	7.30	4 1-	20 N FUSE	0	0	593	151	25	3	17	0.00	3.75	0
CO4280	OC-1249878219	7.31	4 1-	4ACSR	0	0	592	151	25	3	2	0.00	3.75	0
CO4282	CO4280	7.33	1 1-	4ACSR	0	0	589	151	5	0	0	0.00	3.75	0
CO4283	CO4282	7.36	1 1-	4ACSR	0	0	586	150	5	0	0	0.00	3.75	0
CO4281	CO4280	7.38	1 1-	4ACSR	0	0	584	150	7	1	1	0.00	3.75	0
CO4161	CO4280	7.34	2 1-	4ACSR	0	0	588	151	12	1	1	0.00	3.75	0
CO1757185684	CO4161	7.37	0 1-	2ACSR	0	0	585	150	0	0	0	0.00	3.75	0
CO4106	CO4116	7.26	0 1-	4ACSR	0	0	595	151	0	0	0	0.00	3.67	0
OC-1182290148	CO4106	7.26	0 1-	20 N FUSE	0	0	595	151	0	0	0	0.00	3.67	0
CO4104	CO-820349632	7.32	7 3-	1/0ACSR	813	769	594	151	110	5	2	0.03	3.51	5
CO4112	CO4104	7.40	5 3-	1/0ACSR	805	762	588	151	104	4	2	0.01	3.52	0
CO4113	CO4112	7.50	4 3-	1/0ACSR	795	752	580	150	100	4	2	0.01	3.53	0
CO4114	CO4113	7.51	3 1-	4ACSR	0	0	578	150	10	1	1	0.00	3.53	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC202305328	CO4114	7.51	3 1-	20 N FUSE	0	0	578	150	10	1	7	0.00	3.53	0
CO8282	OC202305328	7.70	3 1-	4ACSR	0	0	556	149	10	1	1	0.01	3.53	0
CO4320	CO8282	7.75	0 1-	4ACSR	0	0	551	148	0	0	0	0.00	3.53	0
CO4321	CO4320	7.77	0 1-	4ACSR	0	0	549	148	0	0	0	0.00	3.53	0
CO4319	CO8282	7.77	0 1-	4ACSR	0	0	549	148	0	0	0	0.00	3.53	0
CO4103	CO4113	7.63	1 3-	1/0ACSR	781	739	570	150	90	4	2	0.00	3.53	0
CO4110	CO4104	7.39	2 1-	4ACSR	0	0	585	150	6	0	1	0.00	3.51	0
OC1574741082	CO4110	7.39	1 1-	20 N FUSE	0	0	585	150	0	0	0	0.00	3.51	0
CO4111	OC1574741082	7.43	1 1-	4ACSR	0	0	581	150	0	0	0	0.00	3.51	0
CO4107	CO4111	7.50	1 1-	4ACSR	0	0	573	150	0	0	0	0.00	3.51	0
CO-1789353622	CO4109	7.01	1 1-	2ACSR	0	0	621	152	3	0	0	0.00	3.44	0
CO4105	CO8280	6.95	2 1-	4ACSR	0	0	623	152	6	0	1	0.00	3.24	0
OC-1818991667	CO4105	6.95	0 1-	20 N FUSE	0	0	623	152	0	0	0	0.00	3.24	0
CO4275	CO4274	6.85	1 1-	2ACSR	0	0	635	153	0	0	0	0.00	3.16	0
OC2065167057	CO4275	6.85	1 1-	20 N FUSE	0	0	635	153	0	0	0	0.00	3.16	0
CO4276	OC2065167057	6.89	1 1-	2ACSR	0	0	631	153	0	0	0	0.00	3.16	0
CO4267	CO4266	5.81	3 3-	1/0AAAC	1029	970	755	158	69	3	1	0.00	1.92	0
OC-229135211	CO4267	5.81	2 3-	20 N FUSE	1029	970	755	158	58	2	13	0.00	1.92	0
CO4268	OC-229135211	5.85	2 3-	1/0AAAC	1023	964	750	158	58	2	1	0.00	1.92	0
CO500536222	CO4268	5.86	0 3-	1/0AAAC	1022	963	749	158	0	0	0	0.00	1.92	0
CO4144	CO4267	5.89	1 1-	4ACSR	0	0	740	157	11	1	1	0.00	1.92	0
CO4162	CO4265	5.77	0 1-	2ACSR	0	0	758	158	0	0	0	0.00	1.85	0
OC1358967252	CO4162	5.77	0 1-	20 N FUSE	0	0	758	158	0	0	0	0.00	1.85	0
CO4261	CO4128	5.76	4 1-	4ACSR	0	0	755	158	11	1	1	0.01	1.82	0
OC-930178306	CO4261	5.76	4 1-	20 N FUSE	0	0	755	158	11	1	7	0.00	1.82	0
CO4262	OC-930178306	5.79	3 1-	4ACSR	0	0	750	157	3	0	0	0.00	1.82	0
CO4263	CO4262	5.84	2 1-	4ACSR	0	0	740	157	3	0	0	0.00	1.82	0
CO4264	CO4263	5.89	2 1-	4ACSR	0	0	731	156	3	0	0	0.00	1.82	0
CO4163	OC-930178306	5.81	1 1-	2ACSR	0	0	748	157	7	1	1	0.00	1.82	0
CO4257	CO4127	5.75	3 1-	4ACSR	0	0	755	158	10	1	1	0.01	1.76	0
OC353142057	CO4257	5.75	3 1-	20 N FUSE	0	0	755	158	10	1	7	0.00	1.76	0
CO4258	OC353142057	5.85	3 1-	4ACSR	0	0	736	157	10	1	1	0.00	1.77	0
CO4259	CO4258	5.91	2 1-	4ACSR	0	0	723	156	5	0	0	0.00	1.77	0
CO4260	CO4259	5.98	2 1-	4ACSR	0	0	711	155	5	0	0	0.00	1.77	0
CO4255	CO4125	5.61	1 1-	4ACSR	0	0	779	158	9	1	1	0.00	1.66	0
OC-599322937	CO4255	5.61	1 1-	20 N FUSE	0	0	779	158	9	1	6	0.00	1.66	0
CO4256	OC-599322937	5.63	1 1-	4ACSR	0	0	775	158	9	1	1	0.00	1.66	0
CO4251	CO4250	5.42	1 1-	2ACSR	0	0	808	159	3	0	0	0.00	1.36	0
OC-1076728243	CO4251	5.42	0 1-	20 N FUSE	0	0	808	159	0	0	0	0.00	1.36	0
CO4252	OC-1076728243	5.47	0 1-	2ACSR	0	0	799	159	0	0	0	0.00	1.36	0
CO4247	OC1151736273	4.98	0 3-	1/0ACSR	1199	1127	883	162	0	-14	6	0.00	0.86	0
CA56	CO4247	4.98	0 3-	Capacitor	1199	1127	883	162	0	-14	0	0.00	0.86	0
CO4150	CO4123	5.03	1 1-	4ACSR	0	0	869	161	17	2	2	0.00	0.87	0
OC985772819	CO4150	5.03	0 1-	20 N FUSE	0	0	869	161	0	0	0	0.00	0.87	0
CO4151	CO4121	4.98	3 1-	4ACSR	0	0	878	161	5	0	1	0.00	0.78	0
OC-36048594	CO4151	4.98	0 1-	20 N FUSE	0	0	878	161	0	0	0	0.00	0.78	0
CO4242	CO4120	4.90	3 1-	4ACSR	0	0	896	162	16	2	2	0.00	0.73	0
OC-966005954	CO4242	4.90	2 1-	20 N FUSE	0	0	896	162	10	1	7	0.00	0.73	0
CO4243	OC-966005954	4.93	2 1-	4ACSR	0	0	887	162	10	1	1	0.00	0.74	0
CO4244	CO4243	4.99	1 1-	4ACSR	0	0	872	161	5	0	0	0.00	0.74	0
CO4245	CO4244	5.13	0 1-	4ACSR	0	0	836	160	0	0	0	0.00	0.74	0
CO4246	CO4245	5.39	0 1-	4ACSR	0	0	775	157	0	0	0	0.00	0.74	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4160	CO4203	4.79	1 1-	2ACSR	0	0	918	162	9	1	1	0.00	0.57	0
OC-1839026344	CO4160	4.79	0 1-	20 N FUSE	0	0	918	162	0	0	0	0.00	0.57	0
CO4196	CO4195	4.70	9 1-	4ACSR	0	0	934	163	46	6	5	0.01	0.48	0
OC1750937980	CO4196	4.70	8 1-	20 N FUSE	0	0	934	163	43	5	29	0.00	0.48	0
CO4197	OC1750937980	4.77	8 1-	4ACSR	0	0	914	162	43	5	4	0.02	0.50	0
CO4198	CO4197	4.82	8 1-	4ACSR	0	0	901	162	43	5	4	0.01	0.51	0
CO4199	CO4198	4.87	6 1-	4ACSR	0	0	885	161	31	4	3	0.01	0.52	0
CO4200	CO4199	4.96	6 1-	4ACSR	0	0	861	160	31	4	3	0.02	0.54	0
CO4201	CO4200	5.03	4 1-	4ACSR	0	0	846	160	26	3	3	0.01	0.54	0
CO4202	CO4201	5.08	3 1-	4ACSR	0	0	831	159	14	1	1	0.00	0.55	0
CO4158	CO4202	5.15	1 1-	4ACSR	0	0	814	158	0	0	0	0.00	0.55	0
CO4138	CO4202	5.14	1 1-	4ACSR	0	0	817	159	3	0	0	0.00	0.55	0
CO4165	CO8228	4.43	1 1-	2ACSR	0	0	994	164	0	0	0	0.00	7.18	0
OC1473889093	CO4165	4.43	0 1-	20 N FUSE	0	0	994	164	0	0	0	0.00	7.18	0
CO902	CO459953315	4.45	0 1-	4ACSR	0	0	981	164	0	0	0	0.00	7.17	0
OC985335225	CO902	4.45	0 1-	20 N FUSE	0	0	981	164	0	0	0	0.00	7.17	0
CO901	CO1041	4.14	1 1-	4ACSR	0	0	1068	166	21	3	2	0.01	6.50	0
OC1230779769	CO901	4.14	0 1-	20 N FUSE	0	0	1068	166	0	0	0	0.00	6.50	0
CO905	CO847	4.01	1 1-	4ACSR	0	0	1104	166	10	1	1	0.00	6.30	0
CO897	CO845	3.50	0 1-	4ACSR	0	0	1261	168	0	0	0	0.00	5.24	0
OC-492858446	CO897	3.50	0 1-	20 N FUSE	0	0	1261	168	0	0	0	0.00	5.24	0
CO-1302388523	CO203002818	3.22	5 1-	2ACSR	0	0	1374	170	16	2	1	0.01	4.70	0
CO1114	CO1118	2.46	2 1-	4ACSR	0	0	1723	173	30	4	3	0.01	3.84	0
OC-2007922082	CO1114	2.46	2 1-	20 N FUSE	0	0	1723	173	30	4	21	0.00	3.84	0
CO1115	OC-2007922082	2.49	2 1-	4ACSR	0	0	1697	172	30	4	3	0.00	3.84	0
CO1116	CO1115	2.53	1 1-	4ACSR	0	0	1663	172	7	0	1	0.00	3.84	0
CO1135	CO1138	2.24	3 1-	4ACSR	0	0	1795	172	20	2	2	0.02	3.40	0
OC492619827	CO1135	2.24	2 1-	20 N FUSE	0	0	1795	172	20	2	14	0.00	3.40	0
CO1136	OC492619827	2.32	2 1-	4ACSR	0	0	1712	171	20	2	2	0.01	3.41	0
CO860	CO1136	2.36	1 1-	4ACSR	0	0	1675	171	18	2	2	0.00	3.42	0
CO859	CO1136	2.44	0 1-	4ACSR	0	0	1606	170	0	0	0	0.00	3.41	0
CO1142	CO1147	1.87	5 1-	4ACSR	0	0	2121	174	19	2	2	0.00	3.06	0
OC-142654726	CO1142	1.87	5 1-	20 N FUSE	0	0	2121	174	19	2	13	0.00	3.06	0
CO1144	OC-142654726	1.94	3 1-	4ACSR	0	0	2025	174	5	0	0	0.00	3.07	0
CO1145	CO1144	2.01	1 1-	4ACSR	0	0	1941	173	0	0	0	0.00	3.07	0
CO1143	OC-142654726	2.02	2 1-	4ACSR	0	0	1925	173	14	1	1	0.01	3.07	0
CO1148	CO8197	1.69	7 1-	4ACSR	0	0	2265	175	30	4	3	0.01	2.81	0
CO1150	CO1148	1.77	6 1-	4ACSR	0	0	2148	174	24	3	2	0.01	2.81	0
OC-304810482	CO1150	1.77	3 1-	20 N FUSE	0	0	2148	174	14	1	10	0.00	2.81	0
CO854	OC-304810482	1.82	1 1-	4ACSR	0	0	2080	173	8	1	1	0.00	2.82	0
CO1149	OC-304810482	1.89	2 1-	4ACSR	0	0	1986	173	6	0	1	0.00	2.82	0
CO1151	CO1149	1.98	1 1-	2ACSR	0	0	1892	172	0	0	0	0.00	2.82	0
CO914	CO1148	1.72	1 1-	2ACSR	0	0	2225	174	6	0	0	0.00	2.81	0
OC287079413	CO914	1.72	0 1-	20 N FUSE	0	0	2225	174	0	0	0	0.00	2.81	0
CO411	CO354	1.50	1 1-	4ACSR	0	0	2423	175	8	1	1	0.00	2.45	0
OC817823073	CO411	1.50	0 1-	20 N FUSE	0	0	2423	175	0	0	0	0.00	2.45	0
CO410	CO354	1.47	6 1-	4ACSR	0	0	2476	175	11	1	1	0.00	2.45	0
OC-729327729	CO410	1.47	0 1-	20 N FUSE	0	0	2476	175	0	0	0	0.00	2.45	0
CO597	CO357	1.38	2 1-	4ACSR	0	0	2520	175	19	2	2	0.02	2.20	0
OC864592307	CO597	1.38	1 1-	20 N FUSE	0	0	2520	175	19	2	13	0.00	2.20	0
CO595	OC864592307	1.42	1 1-	4ACSR	0	0	2427	174	19	2	2	0.01	2.21	0
CO596	CO595	1.48	1 1-	4ACSR	0	0	2321	174	19	2	2	0.00	2.21	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO717	CO338	1.05	37 3-	4/0ACSR	3712	3497	3131	177	351	16	5	0.01	1.78	6
OC103592321	CO717	1.05	36 3-	20 N FUSE	3712	3497	3131	177	349	16	80	0.00	1.78	0
CO718	OC103592321	1.07	36 3-	4/0ACSR	3682	3466	3098	177	349	16	5	0.00	1.78	0
CO716	CO718	1.10	34 3-	4/0ACSR	3629	3412	3043	177	294	13	4	0.00	1.78	0
CO715	CO716	1.20	32 3-	4/0ACSR	3474	3254	2883	176	290	13	4	0.01	1.80	5
CO2092947550	CO715	1.27	0 1-	2ACSR	0	0	2741	176	0	0	0	0.00	1.80	0
CO359	CO715	1.34	8 3-	4/0ACSR	3278	3057	2685	176	125	5	2	0.01	1.81	0
CO572	CO359	1.39	5 1-	4ACSR	0	0	2585	175	25	3	2	0.01	1.81	0
CO571	CO572	1.44	3 1-	4ACSR	0	0	2490	175	20	2	2	0.00	1.82	0
CO403	CO359	1.36	1 1-	4ACSR	0	0	2644	176	96	13	9	0.01	1.81	0
CO358	CO715	1.32	24 3-	4/0ACSR	3309	3088	2716	176	165	7	2	0.01	1.81	0
CO413	CO358	1.38	2 1-	4ACSR	0	0	2594	175	14	1	1	0.00	1.81	0
CO412	CO358	1.37	1 1-	4ACSR	0	0	2604	175	52	7	5	0.01	1.81	0
CO651	CO358	1.33	20 1-	4ACSR	0	0	2701	176	95	13	9	0.00	1.81	0
OC25	CO651	1.33	20 1-	35 L OCR	0	0	2701	176	95	13	38	0.00	1.81	0
CO652	OC25	1.41	20 1-	4ACSR	0	0	2517	175	95	13	9	0.05	1.86	8
CO692	CO652	1.51	20 1-	4ACSR	0	0	2336	174	95	13	9	0.05	1.92	7
CO8196	CO692	1.71	17 1-	4ACSR	0	0	2016	172	77	10	8	0.10	2.01	12
CO1011	CO8196	1.75	17 1-	4ACSR	0	0	1961	171	77	10	8	0.02	2.03	2
CO1012	CO1011	1.81	16 1-	4ACSR	0	0	1890	171	75	10	7	0.03	2.06	3
CO1013	CO1012	1.87	15 1-	4ACSR	0	0	1813	170	74	10	7	0.03	2.09	3
OC-398312663	CO1013	1.87	14 1-	20 N FUSE	0	0	1813	170	72	9	50	0.00	2.09	0
CO827	OC-398312663	2.09	9 1-	4ACSR	0	0	1586	168	56	7	6	0.08	2.16	7
CO1014	CO827	2.15	7 1-	4ACSR	0	0	1530	167	33	4	3	0.01	2.17	0
CO1015	CO1014	2.23	6 1-	4ACSR	0	0	1461	166	20	2	2	0.01	2.18	0
CO1016	CO1015	2.30	5 1-	4ACSR	0	0	1407	166	20	2	2	0.01	2.19	0
CO1017	CO1016	2.35	5 1-	4ACSR	0	0	1374	165	20	2	2	0.01	2.20	0
CO1018	CO1017	2.36	4 1-	4ACSR	0	0	1365	165	19	2	2	0.00	2.20	0
CO361	CO1018	2.41	4 1-	4ACSR	0	0	1332	165	19	2	2	0.01	2.21	0
CO618	CO361	2.43	2 1-	4ACSR	0	0	1316	164	15	2	1	0.00	2.21	0
CO433	CO618	2.46	1 1-	2ACSR	0	0	1300	164	10	1	1	0.00	2.21	0
CO619	CO618	2.49	1 1-	4ACSR	0	0	1280	164	5	0	0	0.00	2.21	0
CO608	CO361	2.48	1 1-	4ACSR	0	0	1287	164	2	0	0	0.00	2.21	0
CO607	CO608	2.50	1 1-	4ACSR	0	0	1273	164	2	0	0	0.00	2.21	0
CO858	CO827	2.11	1 1-	4ACSR	0	0	1564	168	12	1	1	0.00	2.16	0
CO857	CO827	2.11	1 1-	4ACSR	0	0	1568	168	11	1	1	0.00	2.16	0
CO826	OC-398312663	1.98	5 1-	4ACSR	0	0	1687	169	16	2	2	0.01	2.10	0
CO1022	CO826	2.00	4 1-	4ACSR	0	0	1668	169	13	1	1	0.00	2.10	0
CO1024	CO1022	2.06	3 1-	4ACSR	0	0	1612	168	12	1	1	0.00	2.10	0
CO1025	CO1024	2.09	2 1-	4ACSR	0	0	1583	168	8	1	1	0.00	2.10	0
CO1027	CO1025	2.11	1 1-	4ACSR	0	0	1567	168	7	0	1	0.00	2.11	0
CO1026	CO1025	2.12	1 1-	4ACSR	0	0	1556	168	1	0	0	0.00	2.10	0
CO1023	CO1022	2.01	1 1-	4ACSR	0	0	1659	169	1	0	0	0.00	2.10	0
CO1021	CO1023	2.08	1 1-	4ACSR	0	0	1594	168	1	0	0	0.00	2.10	0
CO1019	CO826	2.00	1 1-	4ACSR	0	0	1668	169	3	0	0	0.00	2.10	0
CO1020	CO1019	2.01	1 1-	4ACSR	0	0	1659	169	3	0	0	0.00	2.10	0
CO487	CO346	0.61	11 1-	6ACWC	0	0	3824	177	63	8	6	0.07	0.90	7
OC-1443394883	CO487	0.61	10 1-	20 N FUSE	0	0	3824	177	63	8	43	0.00	0.90	0
CO667	OC-1443394883	0.74	10 1-	6ACWC	0	0	3307	175	63	8	6	0.05	0.94	4
CO668	CO667	0.89	9 1-	6ACWC	0	0	2820	174	56	7	5	0.05	0.99	5
CO390	CO668	1.03	2 1-	6ACWC	0	0	2465	172	22	3	2	0.01	1.00	0
CO343	CO668	0.95	7 1-	6ACWC	0	0	2668	173	34	4	3	0.01	1.01	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO591	CO343	0.99	6 1-	6ACWC	0	0	2551	173	31	4	3	0.01	1.01	0
CO592	CO591	1.03	3 1-	6ACWC	0	0	2465	172	16	2	2	0.00	1.02	0
CO375783983	CO592	1.08	2 1-	2ACSR	0	0	2388	172	8	1	1	0.00	1.02	0
CO479	CO343	1.05	1 1-	6ACWC	0	0	2426	172	3	0	0	0.00	1.01	0
CO478	CO479	1.36	1 1-	6ACWC	0	0	1890	169	3	0	0	0.01	1.01	0
CO402	CO478	1.52	1 1-	6ACWC	0	0	1694	167	3	0	0	0.00	1.01	0
CO401	CO478	1.50	0 1-	6ACWC	0	0	1715	167	0	0	0	0.00	1.01	0
CO400	CO478	1.45	0 1-	6ACWC	0	0	1781	168	0	0	0	0.00	1.01	0
CO440	CO479	1.08	0 1-	4ACSR	0	0	2361	172	0	0	0	0.00	1.01	0
CO657	CO347	0.18	3 1-	4ACSR	0	0	6047	179	7	0	1	0.00	0.32	0
OC32	CO657	0.18	3 1-	20 N FUSE	0	0	6047	179	7	0	5	0.00	0.32	0
CO795	OC32	0.20	3 1-	4ACSR	0	0	5873	179	7	0	1	0.00	0.32	0
OC1048253225	CO795	0.20	2 1-	20 N FUSE	0	0	5873	179	2	0	2	0.00	0.32	0
CO796	OC1048253225	0.21	2 1-	4ACSR	0	0	5765	179	2	0	0	0.00	0.32	0
CO454	CO449	0.03	557 3-	750 MCM - 42 Wi	6732	7104	7211	180	4234	190	16	0.01	0.03	38
Inter Change	CO454	0.03	557 3-	560 200WVE	6732	7104	7211	180	4234	190	34	0.00	0.03	0
CO635	Inter Change	0.11	557 3-	336ACSR	6398	6575	6640	179	4234	190	37	0.10	0.14	531
CO797	CO635	0.19	557 3-	336ACSR	6096	6139	6152	179	4231	190	37	0.10	0.24	530
CO798	CO797	0.22	555 3-	336ACSR	5991	5997	5990	179	4227	190	37	0.04	0.28	195
CO636	CO798	0.27	555 3-	336ACSR	5841	5806	5762	179	4226	190	37	0.06	0.34	291
CO435	CO636	0.30	1 1-	4ACSR	0	0	5506	179	5	0	0	0.00	0.34	0
OC841861262	CO435	0.30	0 1-	20 N FUSE	0	0	5506	179	0	0	0	0.00	0.34	0
CO434	CO636	0.30	1 1-	4ACSR	0	0	5478	179	3	0	0	0.00	0.34	0
OC1488701892	CO434	0.30	0 1-	20 N FUSE	0	0	5478	179	0	0	0	0.00	0.34	0
CO637	CO636	0.31	553 3-	336ACSR	5696	5635	5546	179	4216	190	37	0.06	0.40	296
CO447	CO637	0.33	553 3-	336ACSR	5639	5568	5463	179	4215	190	37	0.02	0.42	120
OC781944671	CO447	0.33	553 3-	20 N FUSE	5639	5568	5463	179	4214	190	950	0.00	0.42	0
CO457	OC781944671	0.34	16 3-	336ACSR	5600	5524	5408	179	190	8	2	0.00	0.42	0
CO801	CO457	0.38	16 3-	336ACSR	5505	5414	5273	179	190	8	2	0.00	0.42	0
CO802	CO801	0.44	15 3-	336ACSR	5331	5216	5030	179	189	8	2	0.00	0.43	0
CO456	CO802	0.47	15 3-	336ACSR	5248	5123	4918	179	189	8	2	0.00	0.43	0
CO736	CO456	0.51	13 3-	336ACSR	5142	5004	4776	179	142	6	1	0.00	0.43	0
CO737	CO736	0.57	13 3-	336ACSR	4996	4842	4584	179	142	6	1	0.00	0.43	0
CO379	CO737	0.66	1 1-	4ACSR	0	0	4096	178	7	1	1	0.00	0.44	0
OC-1478209292	CO379	0.66	0 1-	20 N FUSE	0	0	4096	178	0	0	0	0.00	0.44	0
CO367	CO737	0.64	1 3-	4ACSR	4693	4496	4209	178	57	2	2	0.00	0.44	0
OC-289237019	CO367	0.64	0 3-	20 N FUSE	4693	4496	4209	178	0	0	0	0.00	0.44	0
CO336	CO737	0.66	11 3-	336ACSR	4799	4627	4333	178	78	3	1	0.00	0.44	0
CO738	CO336	0.69	6 1-	4ACSR	0	0	4167	178	15	2	1	0.00	0.44	0
OC1759181146	CO738	0.69	4 1-	20 N FUSE	0	0	4167	178	13	1	9	0.00	0.44	0
CO739	OC1759181146	0.74	4 1-	4ACSR	0	0	3950	178	13	1	1	0.00	0.44	0
CO740	CO739	0.83	1 1-	4ACSR	0	0	3566	177	1	0	0	0.00	0.44	0
CO741	CO740	0.88	0 1-	4ACSR	0	0	3353	176	0	0	0	0.00	0.44	0
CO-1432239256	CO739	0.77	2 1-	2ACSR	0	0	3817	177	10	1	1	0.00	0.44	0
CO806	CO336	0.67	5 3-	336ACSR	4770	4595	4297	178	63	2	1	0.00	0.44	0
CO561	CO806	0.68	1 3-	4ACSR	4739	4560	4258	178	56	2	2	0.00	0.44	0
OC-1626549536	CO561	0.68	1 3-	20 N FUSE	4739	4560	4258	178	56	2	13	0.00	0.44	0
CO560	OC-1626549536	0.70	1 3-	4ACSR	4630	4435	4126	178	56	2	2	0.00	0.44	0
CO807	CO806	0.71	2 3-	336ACSR	4676	4494	4180	178	1	0	0	0.00	0.44	0
CO742	CO807	0.79	2 1-	4ACSR	0	0	3814	177	1	0	0	0.00	0.44	0
OC1636464612	CO742	0.79	1 1-	20 N FUSE	0	0	3814	177	1	0	1	0.00	0.44	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO743	OC1636464612	0.91	1 1-	4ACSR	0	0	3359	176	1	0	0	0.00	0.44	0
CO443	CO456	0.58	2 3-	2ACSR	4819	4646	4367	178	47	2	1	0.00	0.43	0
OC-1180763042	CO443	0.58	0 3-	20 N FUSE	4819	4646	4367	178	0	0	0	0.00	0.43	0
CO444	CO443	0.60	1 1-	2ACSR	0	0	4248	178	16	2	1	0.00	0.43	0
OC132306332	CO444	0.60	0 1-	20 N FUSE	0	0	4248	178	0	0	0	0.00	0.43	0
CO516	OC781944671	0.37	537 3-	4/0ACSR	5515	5428	5291	179	4024	181	53	0.06	0.48	325
CO514	CO516	0.38	537 3-	4/0ACSR	5464	5371	5220	179	4023	181	53	0.03	0.51	138
CO515	CO514	0.77	537 3-	4/0ACSR	4380	4188	3854	178	4022	181	53	0.68	1.18	3640
CO376	CO515	0.85	2 3-	4/0ACSR	4198	3996	3646	178	5	0	0	0.00	1.18	0
CO334	CO515	0.96	535 3-	4/0ACSR	3985	3774	3410	177	4000	181	53	0.33	1.51	1785
CO470	CO334	1.07	534 3-	4/0ACSR	3772	3554	3180	177	3991	180	53	0.21	1.72	1115
CO471	CO470	1.33	534 3-	4/0ACSR	3375	3152	2772	176	3986	180	53	0.45	2.16	2430
CO466	CO471	1.39	501 3-	4/0ACSR	3295	3072	2692	176	3809	173	51	0.10	2.26	512
CO465	CO466	1.46	501 3-	4/0ACSR	3204	2985	2602	176	3807	173	51	0.12	2.38	613
CO787	CO465	1.48	501 3-	4/0ACSR	3177	2959	2576	176	3804	173	51	0.04	2.41	188
CO788	CO787	1.52	501 3-	4/0ACSR	3132	2917	2533	176	3803	173	51	0.06	2.47	320
CO786	CO788	1.55	501 3-	4/0ACSR	3104	2889	2505	176	3801	173	51	0.04	2.51	208
CO30688	CO786	1.62	0 3-	4/0ACSR	3017	2807	2421	176	0	0	0	0.00	2.51	0
CO782	CO786	1.57	27 3-	4/0ACSR	3078	2864	2480	176	206	9	3	0.00	2.51	0
CO783	CO782	1.59	25 3-	4/0ACSR	3055	2843	2458	176	181	8	3	0.00	2.52	0
CO784	CO783	1.62	23 3-	4/0ACSR	3023	2812	2427	176	143	6	2	0.00	2.52	0
CO785	CO784	1.68	22 3-	4/0ACSR	2958	2751	2366	175	130	6	2	0.00	2.52	0
CO461	CO785	1.73	22 3-	4/0ACSR	2902	2698	2313	175	130	6	2	0.00	2.53	0
CO8188	CO461	1.82	3 1-	4ACSR	0	0	2168	174	15	2	2	0.00	2.53	0
OC674120004	CO8188	1.82	0 1-	20 N FUSE	0	0	2168	174	0	0	0	0.00	2.53	0
CO546	CO461	1.77	17 1-	1/0PRIURD	0	0	2276	441	69	9	7	0.01	2.54	0
OC-1170287987	CO546	1.77	9 1-	20 N FUSE	0	0	2276	441	58	8	41	0.00	2.54	0
CO655	OC-1170287987	1.80	9 1-	1/0PRIURD	0	0	2251	440	58	8	6	0.01	2.54	0
CO656	CO655	1.83	1 1-	1/0PRIURD	0	0	2225	439	42	6	4	0.00	2.54	0
CO369	CO461	1.76	1 1-	4ACSR	0	0	2256	175	4	0	0	0.00	2.53	0
OC-1600078378	CO369	1.76	0 1-	20 N FUSE	0	0	2256	175	0	0	0	0.00	2.53	0
CO332	CO786	1.55	474 3-	4/0ACSR	3096	2882	2497	176	3594	163	48	0.01	2.52	51
CA51	CO332	1.55	0 3-	Capacitor	3096	2882	2497	176	0	-28	0	0.00	2.52	0
CO463	CO332	1.61	460 3-	4/0ACSR	3028	2818	2432	176	3148	149	44	0.10	2.62	374
CO464	CO463	1.65	459 3-	4/0ACSR	2989	2781	2395	175	3091	146	43	0.06	2.68	220
CO459	CO464	1.69	459 3-	4/0ACSR	2938	2733	2347	175	3090	146	43	0.08	2.75	288
CO460	CO459	1.74	458 3-	4/0ACSR	2889	2686	2301	175	3029	143	42	0.08	2.83	282
CO328	CO460	1.77	23 3-	1/0ACSR	2852	2652	2267	175	900	42	19	0.02	2.85	31
CO8182	CO328	1.81	1 3-	4ACSR	2781	2592	2203	175	63	2	2	0.00	2.86	0
CO544	CO328	1.81	22 3-	1/0ACSR	2809	2612	2227	175	837	39	17	0.03	2.88	32
CO545	CO544	1.85	21 3-	1/0ACSR	2753	2561	2176	175	837	39	17	0.03	2.91	43
CO368	CO545	1.87	1 3-	4ACSR	2724	2536	2150	174	104	4	4	0.00	2.92	0
CO780	CO545	1.88	19 3-	1/0ACSR	2728	2538	2153	175	729	34	15	0.01	2.93	15
CO8183	CO780	1.90	18 3-	1/0ACSR	2703	2515	2131	174	369	17	8	0.01	2.94	4
CO157	CO8183	1.93	18 3-	4/0ACSR	2673	2487	2104	174	369	17	5	0.01	2.94	3
CO158	CO157	1.94	16 3-	4/0ACSR	2662	2476	2093	174	352	16	5	0.00	2.94	0
CO156	CO158	1.97	15 3-	4/0ACSR	2642	2457	2075	174	301	14	4	0.00	2.95	0
CO155	CO156	1.98	13 3-	4/0ACSR	2629	2445	2063	174	280	13	4	0.00	2.95	0
CO154	CO155	2.01	7 3-	4/0ACSR	2609	2426	2045	174	246	11	3	0.00	2.95	0
CO153	CO154	2.02	1 3-	4/0ACSR	2595	2413	2032	174	211	10	3	0.00	2.95	0
CO152	CO153	2.04	1 3-	4/0ACSR	2584	2402	2022	174	211	10	3	0.00	2.96	0
400542002	CO152	2.04	1 3-	Consumer	2584	2402	2022	174	211	10	0	0.00	2.96	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
400332131	CO780	1.88	1 3-	Consumer	2728	2538	2153	175	360	17	0	0.00	2.93	0
CO8181	CO460	1.84	435 3-	4/0ACSR	2796	2598	2214	175	2128	101	30	0.11	2.94	277
CO67	CO8181	1.86	433 3-	4/0ACSR	2774	2577	2193	175	2118	100	30	0.03	2.96	69
CO235	CO67	1.96	406 3-	4/0ACSR	2684	2493	2111	175	1804	85	25	0.09	3.06	207
CO236	CO235	1.98	406 3-	4/0ACSR	2667	2476	2095	175	1803	85	25	0.02	3.07	43
CO324	CO236	1.98	186 3-	4/0ACSR	2663	2472	2091	174	518	24	7	0.00	3.08	0
CO325	CO324	2.07	186 3-	4/0ACSR	2588	2403	2023	174	518	24	7	0.02	3.10	15
CO159	CO325	2.13	185 3-	4/0ACSR	2541	2358	1981	174	516	24	7	0.02	3.12	10
CO65	CO159	2.17	1 3-	1/0PRIURD	2528	2344	1950	433	31	1	1	0.00	3.12	0
CO66	CO65	2.18	0 3-	1/0PRIURD	2525	2341	1943	433	0	0	0	0.00	3.12	0
CO22	CO159	2.18	181 3-	4/0ACSR	2500	2320	1944	174	482	22	7	0.01	3.13	8
CO23	CO22	2.20	170 3-	1/0ACSR	2482	2304	1928	174	415	19	9	0.01	3.14	4
CO88	CO23	2.26	53 3-	1/0ACSR	2430	2256	1883	174	139	6	3	0.01	3.14	0
CO89	CO88	2.29	50 3-	1/0ACSR	2404	2233	1860	173	135	6	3	0.00	3.15	0
CO55	CO89	2.32	1 1-	4ACSR	0	0	1822	173	0	0	0	0.00	3.15	0
CO21	CO89	2.35	47 3-	1/0ACSR	2346	2180	1810	173	127	6	3	0.01	3.15	0
CO322	CO21	2.36	25 1-	4ACSR	0	0	1804	173	68	9	7	0.00	3.16	0
OC11	CO322	2.36	25 1-	20 N FUSE	0	0	1804	173	68	9	49	0.00	3.16	0
CO323	OC11	2.41	25 1-	4ACSR	0	0	1754	172	68	9	7	0.02	3.18	2
CO27	CO323	2.49	0 1-	4ACSR	0	0	1675	172	0	0	0	0.00	3.18	0
CO3	CO323	2.45	19 1-	4ACSR	0	0	1717	172	57	8	6	0.01	3.19	0
CO26	CO3	2.53	5 1-	4ACSR	0	0	1639	171	12	1	1	0.00	3.20	0
CO4	CO3	2.50	14 1-	4ACSR	0	0	1669	172	45	6	5	0.02	3.21	0
CO104	CO4	2.52	2 1-	4ACSR	0	0	1652	171	3	0	0	0.00	3.21	0
CO105	CO104	2.56	2 1-	4ACSR	0	0	1618	171	3	0	0	0.00	3.21	0
CO106	CO105	2.60	2 1-	4ACSR	0	0	1578	170	3	0	0	0.00	3.21	0
CO107	CO106	2.65	2 1-	4ACSR	0	0	1543	170	3	0	0	0.00	3.21	0
CO108	CO107	2.67	1 1-	4ACSR	0	0	1524	170	1	0	0	0.00	3.21	0
CO102	CO4	2.55	11 1-	4ACSR	0	0	1622	171	39	5	4	0.01	3.22	0
CO103	CO102	2.58	7 1-	4ACSR	0	0	1598	171	33	4	3	0.01	3.23	0
CO165	CO103	2.61	7 1-	4ACSR	0	0	1568	170	33	4	3	0.01	3.23	0
CO166	CO165	2.65	3 1-	4ACSR	0	0	1540	170	19	2	2	0.00	3.24	0
CO164	CO166	2.76	1 1-	4ACSR	0	0	1456	169	11	1	1	0.00	3.24	0
CO320	CO21	2.36	20 1-	4ACSR	0	0	1804	173	54	7	6	0.00	3.16	0
OC10	CO320	2.36	20 1-	50 L OCR	0	0	1804	173	54	7	0	0.00	3.16	0
CO321	OC10	2.41	20 1-	4ACSR	0	0	1754	172	54	7	6	0.02	3.17	0
CO162	CO321	2.45	18 1-	4ACSR	0	0	1713	172	51	7	5	0.01	3.19	0
CO163	CO162	2.49	16 1-	4ACSR	0	0	1673	172	48	6	5	0.01	3.20	0
CO72	CO163	2.53	14 1-	4ACSR	0	0	1639	171	44	6	5	0.01	3.21	0
CO73	CO72	2.57	12 1-	4ACSR	0	0	1606	171	37	5	4	0.01	3.22	0
CO74	CO73	2.61	12 1-	4ACSR	0	0	1574	170	37	5	4	0.01	3.23	0
CO75	CO74	2.63	10 1-	4ACSR	0	0	1558	170	32	4	3	0.00	3.23	0
CO76	CO75	2.68	10 1-	4ACSR	0	0	1513	170	32	4	3	0.01	3.24	0
CO205	CO76	2.72	8 1-	4ACSR	0	0	1486	169	22	3	2	0.00	3.25	0
CO206	CO205	2.76	7 1-	4ACSR	0	0	1456	169	20	2	2	0.01	3.25	0
CO109	CO206	2.77	1 1-	4ACSR	0	0	1449	169	1	0	0	0.00	3.25	0
CO110	CO109	2.80	1 1-	4ACSR	0	0	1428	168	1	0	0	0.00	3.25	0
CO84	CO206	2.77	1 1-	4ACSR	0	0	1449	169	3	0	0	0.00	3.25	0
CO85	CO84	2.80	1 1-	4ACSR	0	0	1428	168	3	0	0	0.00	3.25	0
CO82	CO206	2.81	4 1-	4ACSR	0	0	1422	168	14	2	1	0.00	3.26	0
CO83	CO82	2.85	3 1-	2ACSR	0	0	1400	168	13	1	1	0.00	3.26	0
CO-36724182	CO83	2.87	0 1-	2ACSR	0	0	1385	168	0	0	0	0.00	3.26	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-161058764	CO83	2.87	1 1-	2ACSR	0	0	1389	168	2	0	0	0.00	3.26	0
CO86	CO23	2.26	115 3-	1/0ACSR	2427	2253	1880	174	265	12	5	0.01	3.15	5
CO87	CO86	2.37	114 3-	1/0ACSR	2334	2169	1800	173	251	11	5	0.02	3.17	9
CO202	CO87	2.41	114 3-	1/0ACSR	2298	2136	1770	173	251	11	5	0.01	3.18	3
CO203	CO202	2.50	108 3-	1/0ACSR	2223	2068	1706	172	189	8	4	0.02	3.20	4
CO111	CO203	2.63	48 1-	4ACSR	0	0	1596	171	93	13	10	0.08	3.27	12
OC-1547152296	CO111	2.63	48 1-	20 N FUSE	0	0	1596	171	93	13	67	0.00	3.27	0
CO304	OC-1547152296	2.63	8 1-	1/0PRIURD	0	0	1594	414	15	2	1	0.00	3.27	0
CO-882239867	OC-1547152296	2.64	19 1-	2ACSR	0	0	1589	171	38	5	3	0.00	3.28	0
CO305	CO-882239867	2.67	19 1-	1/0PRIURD	0	0	1575	412	38	5	4	0.00	3.28	0
CO306	CO305	2.68	11 1-	1/0PRIURD	0	0	1568	412	25	3	2	0.00	3.28	0
CO307	CO306	2.74	10 1-	1/0PRIURD	0	0	1543	410	19	2	2	0.00	3.28	0
CO1070978830	OC-1547152296	2.66	21 1-	2ACSR	0	0	1572	171	41	5	3	0.01	3.28	0
CO310	CO1070978830	2.67	21 1-	1/0PRIURD	0	0	1570	412	41	5	4	0.00	3.28	0
CO309	CO310	2.70	21 1-	1/0PRIURD	0	0	1556	411	41	5	4	0.00	3.29	0
CO308	CO309	2.73	13 1-	1/0PRIURD	0	0	1541	410	27	3	3	0.00	3.29	0
CO246	CO203	2.60	60 3-	1/0ACSR	2153	2004	1647	172	96	4	2	0.01	3.20	0
CO247	CO246	2.61	58 3-	1/0ACSR	2141	1993	1637	172	96	4	2	0.00	3.21	0
CO302	CO247	2.63	42 1-	1/0ACSR	0	0	1628	172	50	7	3	0.00	3.21	0
OC957496799	CO302	2.63	42 1-	20 N FUSE	0	0	1628	172	50	7	36	0.00	3.21	0
CO303	OC957496799	2.65	17 1-	1/0ACSR	0	0	1615	172	40	5	2	0.00	3.21	0
CO201	CO303	2.67	16 1-	1/0ACSR	0	0	1603	172	6	0	0	0.00	3.21	0
CO112	CO201	2.71	8 1-	1/0ACSR	0	0	1582	171	4	0	0	0.00	3.21	0
CO113	OC957496799	2.65	25 1-	1/0ACSR	0	0	1612	172	11	1	1	0.00	3.21	0
CO114	CO113	2.69	25 1-	1/0ACSR	0	0	1593	171	11	1	1	0.00	3.21	0
CO199	CO247	2.64	16 3-	1/0ACSR	2124	1978	1623	172	45	2	1	0.00	3.21	0
CO200	CO199	2.75	15 3-	1/0ACSR	2042	1903	1555	171	45	2	1	0.00	3.21	0
CO197	CO200	2.83	15 3-	1/0ACSR	1991	1856	1513	171	45	2	1	0.00	3.21	0
CO198	CO197	2.86	13 3-	1/0ACSR	1972	1839	1497	171	37	1	1	0.00	3.22	0
CO196	CO198	2.93	12 3-	1/0ACSR	1931	1802	1463	170	37	1	1	0.00	3.22	0
CO195	CO196	3.00	11 3-	1/0ACSR	1890	1764	1430	170	31	1	1	0.00	3.22	0
CO228	CO195	3.04	10 1-	1/0ACSR	0	0	1411	170	24	3	2	0.00	3.22	0
OC-107328187	CO228	3.04	10 1-	20 N FUSE	0	0	1411	170	24	3	17	0.00	3.22	0
CO229	OC-107328187	3.08	10 1-	1/0ACSR	0	0	1393	170	24	3	2	0.00	3.23	0
CO263	CO229	3.11	10 1-	1/0ACSR	0	0	1379	169	24	3	2	0.00	3.23	0
CO264	CO263	3.18	1 1-	1/0ACSR	0	0	1353	169	9	1	1	0.00	3.23	0
CO28	CO195	3.05	0 1-	1/0ACSR	0	0	1408	170	0	0	0	0.00	3.22	0
CO227	CO23	2.23	2 3-	1/0ACSR	2456	2280	1906	174	11	0	0	0.00	3.14	0
CO2	CO22	2.27	11 3-	4/0ACSR	2433	2258	1885	174	67	3	1	0.00	3.13	0
CO315	CO2	2.33	0 1-	4ACSR	0	0	1818	173	0	0	0	0.00	3.13	0
CO98	CO2	2.36	2 3-	2ACSR	2345	2180	1809	173	7	0	0	0.00	3.13	0
CO99	CO98	2.39	1 3-	2ACSR	2307	2146	1777	173	7	0	0	0.00	3.13	0
CO100	CO99	2.45	1 3-	2ACSR	2252	2098	1731	172	7	0	0	0.00	3.13	0
CO101	CO100	2.47	1 3-	2ACSR	2238	2086	1719	172	7	0	0	0.00	3.13	0
CO69	CO2	2.32	8 3-	2ACSR	2379	2210	1838	173	58	2	2	0.00	3.14	0
CO70	CO69	2.35	6 3-	2ACSR	2350	2184	1813	173	44	2	1	0.00	3.14	0
CO71	CO70	2.44	6 3-	2ACSR	2265	2110	1742	172	44	2	1	0.00	3.14	0
CO204	CO71	2.53	3 3-	2ACSR	2178	2032	1670	172	30	1	1	0.00	3.15	0
CO288	CO204	2.59	2 3-	2ACSR	2126	1987	1628	171	27	1	1	0.00	3.15	0
CO289	CO288	2.64	1 3-	2ACSR	2082	1947	1591	171	25	1	1	0.00	3.15	0
CO58	CO288	2.66	1 1-	2ACSR	0	0	1575	171	3	0	0	0.00	3.15	0
CO25	CO71	2.53	1 3-	2ACSR	2181	2036	1673	172	10	0	0	0.00	3.14	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO284	CO236	2.00	6 3-	4/0ACSR	2652	2462	2081	174	363	17	5	0.00	3.08	0
CO285	CO284	2.01	2 3-	4/0ACSR	2642	2453	2072	174	213	10	3	0.00	3.08	0
CO261	CO285	2.02	2 3-	4/0ACSR	2628	2440	2060	174	213	10	3	0.00	3.08	0
CO262	CO261	2.03	1 3-	4/0ACSR	2622	2435	2054	174	119	5	2	0.00	3.08	0
CO232	CO284	2.04	4 3-	4/0ACSR	2612	2425	2045	174	149	7	2	0.00	3.08	0
CO292	CO232	2.09	3 3-	4/0ACSR	2572	2388	2009	174	84	3	1	0.00	3.08	0
CO293	CO292	2.11	1 3-	4/0ACSR	2558	2374	1996	174	47	2	1	0.00	3.08	0
CO59	CO292	2.11	2 3-	2ACSR	2553	2371	1992	174	37	1	1	0.00	3.08	0
CO60	CO59	2.12	2 3-	1/0PRIURD	2550	2367	1984	434	37	1	1	0.00	3.08	0
CO5	CO236	2.00	213 3-	4/0ACSR	2646	2457	2076	174	920	43	13	0.01	3.09	13
CO7	CO5	2.03	204 3-	1/0ACSR	2616	2430	2049	174	802	38	17	0.02	3.11	22
CO316	CO7	2.04	202 3-	1/0ACSR	2609	2423	2043	174	736	35	15	0.00	3.11	5
OC7	CO316	2.04	202 3-	100 L OCR	2609	2423	2043	174	736	35	35	0.00	3.11	0
CO317	OC7	2.18	202 3-	1/0ACSR	2465	2292	1916	174	736	35	15	0.09	3.20	102
CO225	CO317	2.20	201 3-	1/0ACSR	2451	2279	1904	173	723	34	15	0.01	3.21	11
CO1858591529	CO225	2.26	201 3-	1/0ACSR	2393	2226	1854	173	723	34	15	0.04	3.25	43
CO-2039025089	CO1858591529	2.29	199 3-	1/0ACSR	2371	2205	1834	173	709	33	15	0.02	3.27	17
CO116	CO-2039025089	2.32	7 1-	1/0ACSR	0	0	1810	173	21	3	1	0.00	3.27	0
CO265	CO116	2.34	7 1-	1/0ACSR	0	0	1796	173	21	3	1	0.00	3.27	0
CO297	CO265	2.37	3 1-	1/0ACSR	0	0	1776	173	6	0	0	0.00	3.27	0
CO117	CO297	2.38	1 1-	1/0ACSR	0	0	1762	173	4	0	0	0.00	3.27	0
CO31	CO265	2.38	1 1-	1/0ACSR	0	0	1762	173	5	0	0	0.00	3.27	0
CO61	CO-2039025089	2.30	1 1-	2ACSR	0	0	1821	173	2	0	0	0.00	3.27	0
CO167	CO-2039025089	2.30	191 3-	1/0ACSR	2354	2190	1820	173	686	32	14	0.01	3.28	12
CO298	CO167	2.35	190 3-	1/0ACSR	2320	2159	1790	173	679	32	14	0.02	3.31	24
CO299	CO298	2.37	188 3-	1/0ACSR	2302	2143	1775	173	664	31	14	0.01	3.32	12
CO240	CO299	2.45	181 3-	1/0ACSR	2235	2082	1718	172	639	30	13	0.05	3.36	43
CO241	CO240	2.46	179 3-	1/0ACSR	2225	2073	1710	172	627	29	13	0.01	3.37	6
CO242	CO241	2.52	179 3-	1/0ACSR	2179	2031	1671	172	627	29	13	0.03	3.40	30
CO243	CO242	2.55	176 3-	1/0ACSR	2156	2009	1652	172	612	29	13	0.02	3.42	15
CO30	CO243	2.59	1 1-	1/0ACSR	0	0	1626	172	7	1	0	0.00	3.42	0
CO8	CO243	2.59	175 3-	1/0ACSR	2128	1984	1629	172	605	28	13	0.02	3.44	18
CO248	CO8	2.60	154 3-	1/0ACSR	2122	1979	1624	171	520	24	11	0.00	3.44	3
CO249	CO248	2.62	154 3-	1/0ACSR	2105	1962	1609	171	520	24	11	0.01	3.46	9
CO52	CO249	2.64	2 1-	4ACSR	0	0	1593	171	8	1	1	0.00	3.46	0
CO9	CO249	2.67	150 3-	1/0ACSR	2072	1932	1581	171	501	23	10	0.02	3.48	15
CO77	CO9	2.69	44 1-	4ACSR	0	0	1566	171	175	25	18	0.02	3.50	6
CO177	CO77	2.78	44 1-	4ACSR	0	0	1495	170	175	25	18	0.11	3.60	30
CO178	CO177	2.80	42 1-	4ACSR	0	0	1479	170	167	23	17	0.02	3.63	7
CO300	CO178	2.85	11 1-	4ACSR	0	0	1445	169	40	5	4	0.01	3.64	0
CO301	CO300	2.88	10 1-	4ACSR	0	0	1424	169	37	5	4	0.01	3.65	0
CO272	CO301	2.92	8 1-	4ACSR	0	0	1399	169	34	4	3	0.01	3.65	0
CO274	CO272	2.93	5 1-	4ACSR	0	0	1393	168	18	2	2	0.00	3.66	0
CO275	CO274	2.96	4 1-	4ACSR	0	0	1373	168	14	1	1	0.00	3.66	0
CO273	CO275	2.97	0 1-	4ACSR	0	0	1365	168	0	0	0	0.00	3.66	0
CO36	CO274	2.95	1 1-	4ACSR	0	0	1380	168	4	0	0	0.00	3.66	0
CO35	CO300	2.86	1 1-	4ACSR	0	0	1435	169	3	0	0	0.00	3.64	0
CO14	CO178	2.83	31 1-	4ACSR	0	0	1462	169	127	18	13	0.02	3.65	4
CO280	CO14	2.86	3 1-	4ACSR	0	0	1442	169	12	1	1	0.00	3.65	0
CO281	CO280	2.90	2 1-	4ACSR	0	0	1409	169	6	0	1	0.00	3.65	0
CO37	CO280	2.87	1 1-	4ACSR	0	0	1428	169	6	0	1	0.00	3.65	0
CO181	CO14	2.89	27 1-	4ACSR	0	0	1419	169	110	15	11	0.04	3.69	8

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC1628364312	CO181	2.89	24 1-	20 N FUSE	0	0	1419	169	103	14	74	0.00	3.69	0
CO182	OC1628364312	2.94	24 1-	4ACSR	0	0	1387	168	103	14	11	0.03	3.72	5
CO180	CO182	3.05	21 1-	4ACSR	0	0	1315	167	93	13	10	0.07	3.79	10
CO78	CO180	3.06	18 1-	4ACSR	0	0	1309	167	87	12	9	0.01	3.80	0
CO268	CO78	3.12	9 1-	4ACSR	0	0	1273	166	44	6	4	0.02	3.81	0
CO136	CO268	3.20	2 1-	4ACSR	0	0	1231	166	8	1	1	0.00	3.82	0
CO137	CO136	3.23	1 1-	4ACSR	0	0	1211	165	5	0	1	0.00	3.82	0
CO269	CO268	3.17	5 1-	4ACSR	0	0	1244	166	26	3	3	0.01	3.82	0
CO134	CO269	3.21	3 1-	4ACSR	0	0	1221	166	15	2	2	0.00	3.82	0
CO135	CO134	3.28	1 1-	4ACSR	0	0	1189	165	6	0	1	0.00	3.83	0
CO15	CO78	3.12	9 1-	4ACSR	0	0	1276	167	43	6	4	0.02	3.81	0
CO179	CO15	3.15	8 1-	4ACSR	0	0	1258	166	36	5	4	0.01	3.82	0
CO219	CO179	3.19	7 1-	4ACSR	0	0	1236	166	34	4	3	0.01	3.83	0
CO220	CO219	3.23	4 1-	4ACSR	0	0	1213	165	23	3	2	0.01	3.84	0
CO38	CO220	3.25	1 1-	4ACSR	0	0	1203	165	7	0	1	0.00	3.84	0
CO193	CO220	3.30	2 1-	4ACSR	0	0	1177	165	14	1	1	0.00	3.84	0
CO-1552615471	CO193	3.36	0 1-	2ACSR	0	0	1154	164	0	0	0	0.00	3.84	0
CO1955683268	CO-1552615471	3.36	0 1-	2ACSR	0	0	1153	164	0	0	0	0.00	3.84	0
CO34	CO15	3.15	1 1-	4ACSR	0	0	1254	166	7	1	1	0.00	3.82	0
CO168	CO9	2.69	104 3-	1/0ACSR	2058	1920	1570	171	321	15	7	0.01	3.48	3
CO169	CO168	2.72	102 3-	1/0ACSR	2040	1903	1555	171	308	14	6	0.01	3.49	3
CO327	CO169	2.72	101 3-	750 MCM - 42 wi	2038	1901	1553	171	299	14	1	0.00	3.49	0
OC1	CO327	2.72	62 3-	NoDevice	2038	1901	1553	171	164	7	7	0.00	3.49	0
CO326	OC1	2.74	62 3-	1/0ACSR	2027	1891	1544	171	164	7	3	0.00	3.49	0
CO140	CO326	2.76	4 1-	1/0ACSR	0	0	1535	171	14	2	1	0.00	3.49	0
OC-1906149421	CO140	2.76	4 1-	20 N FUSE	0	0	1535	171	14	2	10	0.00	3.49	0
CO141	OC-1906149421	2.79	4 1-	1/0ACSR	0	0	1517	171	14	2	1	0.00	3.49	0
CO142	CO141	2.83	3 1-	1/0ACSR	0	0	1498	170	10	1	1	0.00	3.49	0
CO10	CO326	2.78	58 3-	1/0ACSR	2002	1869	1524	171	150	7	3	0.01	3.50	0
CO170	CO10	2.82	6 1-	1/0ACSR	0	0	1504	170	17	2	1	0.00	3.50	0
OC-340717935	CO170	2.82	4 1-	20 N FUSE	0	0	1504	170	10	1	7	0.00	3.50	0
CO171	OC-340717935	2.86	4 1-	1/0ACSR	0	0	1480	170	10	1	1	0.00	3.50	0
CO11	CO10	2.86	52 3-	1/0ACSR	1952	1823	1482	170	133	6	3	0.01	3.51	0
CO132	CO11	2.88	4 1-	1/0ACSR	0	0	1473	170	17	2	1	0.00	3.51	0
OC-67384211	CO132	2.88	2 1-	20 N FUSE	0	0	1473	170	4	0	3	0.00	3.51	0
CO133	OC-67384211	2.92	2 1-	1/0ACSR	0	0	1454	170	4	0	0	0.00	3.51	0
CO12	CO11	2.93	48 3-	1/0ACSR	1907	1781	1445	170	116	5	2	0.01	3.51	0
CO129	CO12	2.96	26 1-	4ACSR	0	0	1429	170	53	7	5	0.01	3.52	0
OC2	CO129	2.96	26 1-	25 L OCR	0	0	1429	170	53	7	30	0.00	3.52	0
CO186	OC2	3.00	26 1-	4ACSR	0	0	1403	169	53	7	5	0.01	3.54	0
CO187	CO186	3.03	23 1-	4ACSR	0	0	1379	169	48	6	5	0.01	3.55	0
CO189	CO187	3.07	18 1-	4ACSR	0	0	1356	168	37	5	4	0.01	3.55	0
CO149	CO189	3.10	4 1-	4ACSR	0	0	1338	168	9	1	1	0.00	3.56	0
CO151	CO149	3.15	1 1-	2ACSR	0	0	1311	168	5	0	0	0.00	3.56	0
CO148	CO149	3.14	0 1-	4ACSR	0	0	1314	168	0	0	0	0.00	3.56	0
CO130	CO189	3.11	12 1-	4ACSR	0	0	1330	168	25	3	3	0.01	3.56	0
CO131	CO130	3.15	8 1-	4ACSR	0	0	1307	168	16	2	2	0.00	3.56	0
CO286	CO131	3.17	4 1-	4ACSR	0	0	1295	167	10	1	1	0.00	3.57	0
CO287	CO286	3.22	2 1-	4ACSR	0	0	1266	167	6	0	1	0.00	3.57	0
CO33	CO286	3.21	2 1-	4ACSR	0	0	1271	167	4	0	0	0.00	3.57	0
CO53	CO12	2.95	1 1-	4ACSR	0	0	1431	170	1	0	0	0.00	3.51	0
OC-1262243096	CO53	2.95	0 1-	20 N FUSE	0	0	1431	170	0	0	0	0.00	3.51	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO183	CO12	2.99	15 1-	4ACSR	0	0	1405	169	40	5	4	0.02	3.53	0
CO184	CO183	3.03	15 1-	4ACSR	0	0	1382	169	40	5	4	0.01	3.54	0
CO217	CO184	3.07	13 1-	4ACSR	0	0	1358	168	36	5	4	0.01	3.55	0
CO218	CO217	3.11	12 1-	4ACSR	0	0	1334	168	35	4	4	0.01	3.56	0
CO185	CO218	3.14	12 1-	4ACSR	0	0	1311	168	35	4	4	0.01	3.57	0
CO276	CO185	3.19	10 1-	4ACSR	0	0	1282	167	29	4	3	0.01	3.57	0
CO127	CO276	3.22	0 1-	4ACSR	0	0	1269	167	0	0	0	0.00	3.57	0
CO128	CO127	3.24	0 1-	4ACSR	0	0	1254	167	0	0	0	0.00	3.57	0
CO277	CO276	3.24	8 1-	4ACSR	0	0	1255	167	24	3	2	0.01	3.58	0
CO215	CO277	3.27	8 1-	4ACSR	0	0	1240	166	24	3	2	0.00	3.59	0
CO216	CO215	3.30	5 1-	4ACSR	0	0	1225	166	19	2	2	0.00	3.59	0
CO190	CO216	3.33	3 1-	4ACSR	0	0	1210	166	14	2	1	0.00	3.59	0
CO32	CO185	3.16	2 1-	4ACSR	0	0	1300	168	6	0	1	0.00	3.57	0
CO311	CO32	3.20	1 1-	1/0PRIURD	0	0	1287	391	4	0	0	0.00	3.57	0
CO18	CO12	3.04	6 1-	1/0ACSR	0	0	1396	169	22	3	1	0.01	3.52	0
OC3	CO18	3.04	5 1-	25 L OCR	0	0	1396	169	21	3	12	0.00	3.52	0
CO45	OC3	3.14	1 1-	1/0ACSR	0	0	1355	169	4	0	0	0.00	3.52	0
CO44	OC3	3.18	1 1-	1/0ACSR	0	0	1335	169	12	1	1	0.00	3.52	0
CO43	OC3	3.09	3 1-	1/0ACSR	0	0	1373	169	5	0	0	0.00	3.52	0
CO17	CO327	2.77	39 1-	4ACSR	0	0	1519	170	135	19	14	0.04	3.53	8
CO221	CO17	2.81	13 1-	4ACSR	0	0	1486	170	55	7	6	0.02	3.54	0
CO222	CO221	2.84	12 1-	4ACSR	0	0	1467	170	50	7	5	0.01	3.55	0
CO174	CO222	2.88	10 1-	4ACSR	0	0	1440	169	38	5	4	0.01	3.56	0
CO270	CO174	2.93	10 1-	4ACSR	0	0	1404	169	38	5	4	0.01	3.57	0
CO271	CO270	2.97	8 1-	4ACSR	0	0	1379	168	31	4	3	0.01	3.58	0
CO175	CO271	3.02	5 1-	4ACSR	0	0	1346	168	19	2	2	0.00	3.58	0
CO176	CO175	3.06	2 1-	4ACSR	0	0	1322	167	4	0	0	0.00	3.58	0
CO42	CO270	2.96	1 1-	4ACSR	0	0	1382	168	5	0	1	0.00	3.57	0
CO172	CO17	2.82	24 1-	4ACSR	0	0	1480	170	74	10	8	0.02	3.55	3
CO173	CO172	2.93	20 1-	4ACSR	0	0	1401	169	60	8	6	0.04	3.59	3
CO255	CO173	2.98	8 1-	4ACSR	0	0	1368	168	20	2	2	0.01	3.60	0
CO256	CO255	3.04	2 1-	4ACSR	0	0	1332	168	6	0	1	0.00	3.60	0
CO40	CO255	3.06	3 1-	4ACSR	0	0	1323	167	9	1	1	0.00	3.60	0
CO223	CO173	3.00	8 1-	4ACSR	0	0	1356	168	21	2	2	0.01	3.60	0
CO224	CO223	3.05	5 1-	4ACSR	0	0	1328	168	15	2	2	0.00	3.60	0
CO41	CO224	3.10	2 1-	4ACSR	0	0	1299	167	7	0	1	0.00	3.60	0
CO244	CO8	2.67	20 1-	4ACSR	0	0	1561	171	79	11	8	0.04	3.48	5
CO245	CO244	2.70	18 1-	4ACSR	0	0	1535	170	70	10	7	0.02	3.50	0
CO146	CO245	2.74	3 1-	4ACSR	0	0	1506	170	11	1	1	0.00	3.50	0
CO147	CO146	2.82	1 1-	4ACSR	0	0	1450	169	5	0	0	0.00	3.50	0
CO118	CO147	2.87	1 1-	4ACSR	0	0	1410	169	5	0	0	0.00	3.50	0
CO266	CO245	2.73	15 1-	4ACSR	0	0	1517	170	59	8	6	0.01	3.50	0
CO125	CO266	2.75	0 1-	4ACSR	0	0	1503	170	0	0	0	0.00	3.50	0
CO126	CO125	2.77	0 1-	4ACSR	0	0	1485	170	0	0	0	0.00	3.50	0
CO267	CO266	2.78	11 1-	4ACSR	0	0	1474	169	49	7	5	0.02	3.52	0
CO119	CO267	2.81	9 1-	4ACSR	0	0	1454	169	32	4	3	0.01	3.53	0
CO120	CO119	2.86	7 1-	4ACSR	0	0	1423	169	25	3	3	0.01	3.53	0
CO121	CO120	2.92	5 1-	4ACSR	0	0	1382	168	15	2	2	0.01	3.54	0
CO122	CO121	2.96	5 1-	4ACSR	0	0	1351	168	15	2	2	0.00	3.54	0
CO123	CO122	3.01	5 1-	4ACSR	0	0	1321	167	15	2	2	0.00	3.55	0
CO124	CO123	3.05	5 1-	4ACSR	0	0	1296	167	15	2	2	0.00	3.55	0
CO51	CO8	2.63	1 1-	4ACSR	0	0	1597	171	6	0	1	0.00	3.44	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO237	CO299	2.42	7 1-	4ACSR	0	0	1723	172	25	3	3	0.01	3.33	0
CO294	CO237	2.43	6 1-	4ACSR	0	0	1715	172	23	3	2	0.00	3.33	0
CO295	CO294	2.46	2 1-	4ACSR	0	0	1684	172	7	1	1	0.00	3.33	0
CO238	CO294	2.48	4 1-	4ACSR	0	0	1662	171	15	2	2	0.00	3.33	0
CO239	CO238	2.50	3 1-	4ACSR	0	0	1650	171	11	1	1	0.00	3.33	0
CO57	CO239	2.56	3 1-	1/0PRIURD	0	0	1619	413	11	1	1	0.00	3.33	0
CO63	CO298	2.36	2 1-	4ACSR	0	0	1771	173	14	2	1	0.00	3.31	0
CO-2049213132	CO1858591529	2.28	2 1-	2ACSR	0	0	1836	173	14	1	1	0.00	3.25	0
CO54	CO317	2.22	1 3-	4ACSR	2414	2249	1874	173	13	0	0	0.00	3.20	0
CO46	CO7	2.11	1 1-	1/0ACSR	0	0	1981	174	1	0	0	0.00	3.11	0
CO6	CO5	2.03	9 3-	1/0ACSR	2611	2425	2045	174	118	5	2	0.00	3.09	0
CO318	CO6	2.04	8 3-	1/0ACSR	2604	2419	2039	174	26	1	1	0.00	3.09	0
OC9	CO318	2.04	8 3-	100 E OCR	2604	2419	2039	174	26	1	1	0.00	3.09	0
CO319	OC9	2.06	8 3-	1/0ACSR	2589	2405	2025	174	26	1	1	0.00	3.09	0
CO290	CO319	2.12	7 3-	1/0ACSR	2520	2342	1964	174	14	0	0	0.00	3.09	0
CO291	CO290	2.15	0 3-	1/0ACSR	2491	2316	1939	174	0	0	0	0.00	3.09	0
CO115	CO290	2.13	7 1-	1/0ACSR	0	0	1956	174	14	1	1	0.00	3.09	0
CO160	CO115	2.16	7 1-	1/0ACSR	0	0	1933	174	14	1	1	0.00	3.09	0
CO161	CO160	2.21	4 1-	1/0ACSR	0	0	1894	173	5	0	0	0.00	3.09	0
CO29	CO6	2.06	1 1-	1/0ACSR	0	0	2025	174	92	13	6	0.00	3.09	0
CO1	CO67	1.90	19 3-	4/0ACSR	2741	2546	2162	175	301	14	4	0.01	2.97	0
CO278	CO1	1.97	12 3-	4/0ACSR	2672	2481	2099	175	150	7	2	0.01	2.97	0
CO279	CO278	2.03	11 3-	4/0ACSR	2626	2438	2057	174	130	6	2	0.00	2.98	0
CO257	CO279	2.08	2 3-	4ACSR	2551	2375	1993	174	70	3	2	0.01	2.98	0
CO258	CO257	2.09	1 3-	4ACSR	2538	2365	1983	174	63	2	2	0.00	2.98	0
CO68	CO279	2.10	9 3-	4/0ACSR	2567	2383	2004	174	60	2	1	0.00	2.98	0
CO233	CO68	2.12	9 3-	4/0ACSR	2548	2365	1987	174	60	2	1	0.00	2.98	0
CO234	CO233	2.15	8 3-	4/0ACSR	2522	2341	1964	174	53	2	1	0.00	2.98	0
CO282	CO234	2.26	6 1-	4/0ACSR	0	0	1892	174	22	3	1	0.01	2.99	0
CO283	CO282	2.27	5 1-	4/0ACSR	0	0	1885	174	13	1	1	0.00	2.99	0
CO259	CO283	2.30	4 1-	4/0ACSR	0	0	1867	174	10	1	0	0.00	2.99	0
CO260	CO259	2.35	1 1-	4/0ACSR	0	0	1838	173	1	0	0	0.00	2.99	0
CO93	CO260	2.40	1 1-	4/0ACSR	0	0	1804	173	1	0	0	0.00	2.99	0
CO24	CO259	2.33	2 1-	4/0ACSR	0	0	1850	174	4	0	0	0.00	2.99	0
CO64	CO282	2.28	1 1-	2ACSR	0	0	1873	174	9	1	1	0.00	2.99	0
CO91	CO234	2.19	2 1-	4/0ACSR	0	0	1941	174	31	4	1	0.00	2.98	0
CO92	CO91	2.20	1 1-	4/0ACSR	0	0	1935	174	31	4	1	0.00	2.98	0
CO62	CO278	2.00	1 3-	4ACSR	2633	2449	2065	174	19	0	1	0.00	2.97	0
CO94	CO1	1.94	3 3-	4/0ACSR	2698	2506	2123	175	120	5	2	0.00	2.97	0
CO95	CO94	2.03	2 3-	4/0ACSR	2620	2433	2052	174	108	5	2	0.00	2.97	0
CO96	CO95	2.04	1 3-	4/0ACSR	2610	2424	2043	174	21	0	0	0.00	2.97	0
CO97	CO96	2.08	1 3-	4/0ACSR	2578	2393	2014	174	21	0	0	0.00	2.97	0
CO50	CO1	1.93	1 1-	4ACSR	0	0	2112	174	5	0	1	0.00	2.97	0
CO646	CO464	1.65	0 3-	4/0ACSR	2982	2774	2388	175	0	0	0	0.00	2.68	0
SW13-A	CO646	1.65	0 3-	Open	2982	2774	2388	175	0	0	0	0.00	2.68	0
CO781	CO332	1.63	14 3-	4ACSR	2951	2759	2365	175	446	21	15	0.06	2.58	47
CO8187	CO781	1.67	13 3-	4ACSR	2865	2686	2289	174	188	8	6	0.02	2.60	5
CO254	CO8187	1.72	7 3-	4ACSR	2777	2610	2212	174	55	2	2	0.00	2.61	0
CO253	CO254	1.75	4 3-	4ACSR	2723	2563	2166	174	17	0	1	0.00	2.61	0
CO251	CO254	1.73	3 3-	4ACSR	2763	2598	2200	174	37	1	1	0.00	2.61	0
CO252	CO251	1.75	0 3-	4ACSR	2723	2563	2166	174	0	0	0	0.00	2.61	0
CO230	CO8187	1.70	5 3-	4ACSR	2807	2635	2238	174	130	6	4	0.01	2.61	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO231	CO230	1.71	5 3-	4ACSR	2788	2619	2222	174	130	6	4	0.00	2.61	0
CO250	CO231	1.73	2 3-	4ACSR	2756	2591	2194	174	94	4	3	0.00	2.61	0
400332136	CO781	1.63	1 3-	Consumer	2951	2759	2365	175	257	12	0	0.00	2.58	0
CO648	CO471	1.34	33 3-	2ACSR	3362	3139	2759	176	165	7	4	0.00	2.17	0
OC17	CO648	1.34	33 3-	70 L OCR	3362	3139	2759	176	165	7	11	0.00	2.17	0
CO649	OC17	1.39	33 3-	2ACSR	3262	3046	2661	176	165	7	4	0.01	2.18	3
CO556	CO649	1.45	9 3-	2ACSR	3154	2948	2558	175	49	2	1	0.00	2.18	0
CO559	CO556	1.52	8 3-	2ACSR	3031	2836	2442	175	40	1	1	0.00	2.18	0
CO557	CO559	1.56	6 3-	2ACSR	2962	2774	2379	175	23	1	1	0.00	2.18	0
CO558	CO557	1.62	2 1-	2ACSR	0	0	2293	174	2	0	0	0.00	2.18	0
OC-859717679	CO558	1.62	0 1-	20 N FUSE	0	0	2293	174	0	0	0	0.00	2.18	0
CO467	CO649	1.44	22 3-	2ACSR	3164	2957	2567	175	109	5	3	0.01	2.18	0
CO469	CO467	1.50	20 3-	2ACSR	3071	2872	2479	175	103	4	3	0.01	2.19	0
CO468	CO469	1.54	19 3-	2ACSR	3000	2809	2414	175	95	4	2	0.00	2.19	0
CO374	CO468	1.58	2 1-	2ACSR	0	0	2361	175	8	1	1	0.00	2.20	0
OC1385495031	CO374	1.58	0 1-	20 N FUSE	0	0	2361	175	0	0	0	0.00	2.20	0
CO333	CO468	1.58	16 3-	2ACSR	2942	2756	2361	175	84	3	2	0.00	2.20	0
CO555	CO333	1.62	3 1-	2ACSR	0	0	2301	174	8	1	1	0.00	2.20	0
OC39163491	CO555	1.62	2 1-	20 N FUSE	0	0	2301	174	8	1	5	0.00	2.20	0
CO553	OC39163491	1.70	2 1-	2ACSR	0	0	2189	174	8	1	1	0.00	2.20	0
CO554	CO553	1.74	2 1-	2ACSR	0	0	2144	173	8	1	1	0.00	2.20	0
CO552	CO333	1.63	10 1-	2ACSR	0	0	2276	174	65	9	5	0.02	2.22	0
OC732633354	CO552	1.63	10 1-	20 N FUSE	0	0	2276	174	65	9	46	0.00	2.22	0
CO551	OC732633354	1.72	8 1-	2ACSR	0	0	2167	173	45	6	4	0.01	2.23	0
CO428	CO551	1.77	3 1-	2ACSR	0	0	2096	173	15	2	1	0.00	2.23	0
CO429	CO428	1.82	1 1-	1/0ACSR	0	0	2048	173	5	0	0	0.00	2.23	0
CO799	CO551	1.76	2 1-	2ACSR	0	0	2118	173	11	1	1	0.00	2.23	0
CO800	CO799	1.80	1 1-	2ACSR	0	0	2066	173	4	0	0	0.00	2.23	0
CO373	OC732633354	1.69	2 1-	2ACSR	0	0	2205	174	20	2	2	0.00	2.22	0
CO375	CO334	1.06	1 1-	4/0ACSR	0	0	3200	177	1	0	0	0.00	1.51	0
OC-1296553035	CO375	1.06	0 1-	20 N FUSE	0	0	3200	177	0	0	0	0.00	1.51	0
CO396	CO637	0.33	0 1-	4ACSR	0	0	5410	179	0	0	0	0.00	0.40	0
OC-484201183	CO396	0.33	0 1-	20 N FUSE	0	0	5410	179	0	0	0	0.00	0.40	0
CO453	CO449	0.02	194 3-	750 MCM - 42 WI	6745	7126	7235	180	3909	175	15	0.01	0.03	26
Bluestone	CO453	0.02	194 3-	560 200WVE	6745	7126	7235	180	3909	175	31	0.00	0.03	0
CO495	Bluestone	0.03	194 3-	336ACSR	6705	7059	7164	180	3909	175	34	0.01	0.04	52
CO679	CO495	0.09	194 3-	336ACSR	6469	6681	6759	180	3909	175	34	0.07	0.11	319
CO680	CO679	0.13	194 3-	336ACSR	6326	6467	6522	179	3907	175	34	0.04	0.15	203
CO17301	CO680	0.20	193 3-	336ACSR	6060	6090	6096	179	3906	175	34	0.09	0.24	405
CO494	CO17301	0.27	193 3-	336ACSR	5817	5777	5726	179	3904	175	34	0.08	0.32	400
CO627	CO494	0.31	1 1-	4ACSR	0	0	5431	179	26	3	3	0.01	0.33	0
OC893663481	CO627	0.31	1 1-	20 N FUSE	0	0	5431	179	26	3	18	0.00	0.33	0
CO626	OC893663481	0.37	1 1-	4ACSR	0	0	5011	178	26	3	3	0.00	0.34	0
CO492	CO494	0.35	192 3-	336ACSR	5596	5519	5402	179	3876	174	34	0.08	0.41	388
CO491	CO492	0.42	192 3-	336ACSR	5382	5274	5100	179	3874	174	34	0.09	0.49	404
CO493	CO491	0.47	192 3-	336ACSR	5245	5120	4914	179	3872	174	34	0.06	0.55	274
CO532	CO493	0.53	8 3-	1/0ACSR	5026	4880	4629	179	30	1	1	0.00	0.55	0
OC-96985658	CO532	0.53	8 3-	20 N FUSE	5026	4880	4629	179	30	1	7	0.00	0.55	0
CO536	OC-96985658	0.59	8 3-	1/0ACSR	4829	4665	4383	178	30	1	1	0.00	0.55	0
CO533	CO536	0.65	8 3-	1/0ACSR	4625	4445	4137	178	30	1	1	0.00	0.56	0
CO534	CO533	0.77	8 3-	1/0ACSR	4295	4092	3755	177	30	1	1	0.00	0.56	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO535	CO534	0.80	8 3-	1/0ACSR	4199	3990	3647	177	30	1	1	0.00	0.56	0
CO537	CO535	1.04	7 1-	2ACSR	0	0	2970	175	27	3	2	0.03	0.59	0
OC1584222863	CO537	1.04	7 1-	20 N FUSE	0	0	2970	175	27	3	18	0.00	0.59	0
CO543	OC1584222863	1.30	7 1-	2ACSR	0	0	2459	174	27	3	2	0.03	0.62	0
CO538	CO543	1.42	7 1-	2ACSR	0	0	2267	173	27	3	2	0.01	0.63	0
CO542	CO538	1.49	7 1-	2ACSR	0	0	2176	172	27	3	2	0.01	0.64	0
CO539	CO542	1.55	7 1-	2ACSR	0	0	2090	172	27	3	2	0.01	0.65	0
CO541	CO539	1.63	7 1-	2ACSR	0	0	1998	171	27	3	2	0.01	0.66	0
CO540	CO541	1.70	6 1-	2ACSR	0	0	1922	171	27	3	2	0.01	0.67	0
CO633	CO540	1.77	6 1-	2ACSR	0	0	1850	170	27	3	2	0.01	0.68	0
CO632	CO633	1.80	6 1-	2ACSR	0	0	1819	170	27	3	2	0.00	0.68	0
CO8193	CO632	1.87	6 1-	2ACSR	0	0	1754	169	27	3	2	0.01	0.69	0
CO2802	CO8193	1.92	6 1-	2ACSR	0	0	1716	169	27	3	2	0.01	0.69	0
CO2806	CO2802	1.98	6 1-	2ACSR	0	0	1661	169	27	3	2	0.01	0.70	0
CO2803	CO2806	2.03	6 1-	2ACSR	0	0	1627	168	27	3	2	0.01	0.71	0
CO2805	CO2803	2.09	6 1-	2ACSR	0	0	1582	168	27	3	2	0.01	0.71	0
CO2804	CO2805	2.14	6 1-	2ACSR	0	0	1546	168	27	3	2	0.01	0.72	0
CO1970299545	CO2804	2.23	5 1-	2ACSR	0	0	1488	167	26	3	2	0.01	0.73	0
CO-1228580062	CO1970299545	2.26	3 1-	2ACSR	0	0	1465	167	18	2	1	0.00	0.73	0
CO2022052747	CO1970299545	2.27	0 1-	2ACSR	0	0	1460	167	0	0	0	0.00	0.73	0
CO531	CO493	0.54	184 3-	336ACSR	5057	4910	4663	179	3841	173	33	0.08	0.64	396
CO530	CO531	0.57	183 3-	336ACSR	5006	4853	4597	179	3836	173	33	0.02	0.66	112
CO746	CO530	0.59	182 3-	336ACSR	4943	4784	4516	179	3818	172	33	0.03	0.69	139
CO745	CO746	0.65	182 3-	336ACSR	4818	4648	4357	178	3817	172	33	0.06	0.75	286
CO529	CO745	0.70	181 3-	336ACSR	4691	4510	4198	178	3790	171	33	0.07	0.82	304
CO528	CO529	0.78	180 3-	336ACSR	4540	4348	4015	178	3775	170	33	0.08	0.90	380
CO436	CO528	0.86	1 3-	4ACSR	4251	4023	3685	177	9	0	0	0.00	0.90	0
OC-1756941536	CO436	0.86	0 3-	20 N FUSE	4251	4023	3685	177	0	0	0	0.00	0.90	0
CO525	CO528	0.83	179 3-	336ACSR	4447	4248	3903	178	3764	170	33	0.05	0.95	247
CO527	CO525	0.87	179 3-	336ACSR	4358	4155	3799	178	3763	170	33	0.05	1.01	244
CO17292	CO527	0.93	1 3-	2ACSR	4199	3983	3619	178	665	30	17	0.04	1.05	47
OC1806776408	CO17292	0.93	0 3-	20 N FUSE	4199	3983	3619	178	0	0	0	0.00	1.05	0
400332078	CO17292	0.93	1 3-	Consumer	4199	3983	3619	178	665	30	0	0.00	1.05	0
CO526	CO527	0.89	178 3-	336ACSR	4323	4118	3758	178	3096	139	27	0.02	1.02	66
CO791	CO526	0.93	177 3-	336ACSR	4254	4045	3678	178	3074	138	27	0.03	1.06	133
CO792	CO791	0.97	175 3-	336ACSR	4182	3970	3596	178	3044	137	26	0.04	1.09	139
CO644	CO792	0.98	67 3-	4/0ACSR	4169	3956	3581	178	535	24	7	0.00	1.09	0
OC19	CO644	0.98	67 3-	100 L OCR	4169	3956	3581	178	535	24	25	0.00	1.09	0
CO645	OC19	1.09	67 3-	4/0ACSR	3960	3741	3354	178	535	24	7	0.03	1.12	19
CO380	CO645	1.11	1 1-	4ACSR	0	0	3267	177	5	0	0	0.00	1.12	0
CO776	CO645	1.17	66 3-	4/0ACSR	3803	3581	3187	177	530	24	7	0.02	1.14	15
CO777	CO776	1.27	65 3-	4/0ACSR	3650	3425	3028	177	525	24	7	0.02	1.17	15
CO563	CO777	1.32	2 1-	4ACSR	0	0	2885	176	10	1	1	0.00	1.17	0
CO562	CO563	1.38	1 1-	4ACSR	0	0	2750	176	6	0	1	0.00	1.17	0
CO476	CO777	1.38	60 3-	4/0ACSR	3478	3253	2854	177	485	22	7	0.03	1.19	16
CO477	CO476	1.41	60 3-	4/0ACSR	3438	3212	2814	177	485	22	7	0.01	1.20	4
CO475	CO477	1.47	59 3-	4/0ACSR	3352	3127	2729	177	478	22	6	0.01	1.21	8
CO778	CO475	1.65	58 3-	4/0ACSR	3129	2905	2511	176	464	21	6	0.04	1.25	23
CO779	CO778	1.73	56 3-	4/0ACSR	3027	2810	2415	176	453	20	6	0.02	1.27	11
CO472	CO779	1.81	15 1-	4ACSR	0	0	2290	175	103	14	10	0.04	1.32	7
OC-1388199202	CO472	1.81	9 1-	20 N FUSE	0	0	2290	175	79	10	55	0.00	1.32	0
CO8227	OC-1388199202	1.85	9 1-	4ACSR	0	0	2222	174	79	10	8	0.02	1.34	2

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2588	CO8227	1.92	8 1-	4ACSR	0	0	2126	174	58	8	6	0.02	1.36	0
CO2589	CO2588	2.03	7 1-	4ACSR	0	0	1976	173	46	6	5	0.03	1.39	0
CO2587	CO2589	2.07	6 1-	4ACSR	0	0	1915	172	35	4	3	0.01	1.39	0
CO2586	CO2587	2.19	5 1-	4ACSR	0	0	1783	171	22	3	2	0.01	1.41	0
CO2595	CO2586	2.32	2 1-	4ACSR	0	0	1647	169	3	0	0	0.00	1.41	0
CO2590	CO2595	2.46	2 1-	4ACSR	0	0	1520	168	3	0	0	0.00	1.41	0
CO2594	CO2590	2.56	1 1-	4ACSR	0	0	1439	167	0	0	0	0.00	1.41	0
CO2591	CO2594	2.69	0 1-	4ACSR	0	0	1353	166	0	0	0	0.00	1.41	0
CO2593	CO2591	2.78	0 1-	4ACSR	0	0	1291	165	0	0	0	0.00	1.41	0
CO2592	CO2593	2.86	0 1-	4ACSR	0	0	1246	164	0	0	0	0.00	1.41	0
CO1177799060	CO2594	2.82	1 1-	2ACSR	0	0	1301	165	0	0	0	0.00	1.41	0
CO2729	CO2586	2.26	1 1-	4ACSR	0	0	1703	170	14	1	1	0.01	1.41	0
CO2731	CO2729	2.38	1 1-	4ACSR	0	0	1594	169	14	1	1	0.01	1.43	0
CO2730	CO2731	2.46	1 1-	4ACSR	0	0	1520	168	14	1	1	0.00	1.43	0
CO8220	CO779	1.95	39 3-	4/0ACSR	2803	2599	2206	175	328	15	4	0.03	1.31	14
CO1535	CO8220	2.11	36 3-	4/0ACSR	2657	2462	2073	175	299	13	4	0.02	1.33	9
CO1536	CO1535	2.26	26 3-	4/0ACSR	2533	2346	1962	174	211	9	3	0.01	1.34	4
CO-822488528	CO1536	2.38	2 1-	2ACSR	0	0	1852	173	26	3	2	0.01	1.35	0
OC-1671704650	CO-822488528	2.38	0 1-	20 N FUSE	0	0	1852	173	0	0	0	0.00	1.35	0
CO1593	CO1536	2.32	1 1-	4ACSR	0	0	1898	174	8	1	1	0.00	1.35	0
OC2078980915	CO1593	2.32	0 1-	20 N FUSE	0	0	1898	174	0	0	0	0.00	1.35	0
CO1537	CO1536	2.32	19 3-	4/0ACSR	2489	2305	1924	174	151	6	2	0.00	1.35	0
CO2017	CO1537	2.33	1 1-	4ACSR	0	0	1916	174	4	0	0	0.00	1.35	0
OC61	CO2017	2.33	1 1-	70 L OCR	0	0	1916	174	4	0	1	0.00	1.35	0
CO2018	OC61	2.36	1 1-	4ACSR	0	0	1879	174	4	0	0	0.00	1.35	0
CO1768	CO2018	2.46	1 1-	4ACSR	0	0	1780	173	4	0	0	0.00	1.35	0
CO1771	CO1768	2.72	0 1-	4ACSR	0	0	1542	170	0	0	0	0.00	1.35	0
CO1769	CO1771	2.75	0 1-	4ACSR	0	0	1515	169	0	0	0	0.00	1.35	0
CO1770	CO1769	2.78	0 1-	4ACSR	0	0	1492	169	0	0	0	0.00	1.35	0
CO-1804838249	CO1770	2.79	0 1-	2ACSR	0	0	1487	169	0	0	0	0.00	1.35	0
CO-2127045270	CO-1804838249	2.82	0 1-	2ACSR	0	0	1471	169	0	0	0	0.00	1.35	0
CO1592	CO1768	2.57	1 1-	4ACSR	0	0	1671	171	4	0	0	0.00	1.35	0
CO1617	CO1537	2.39	1 1-	4ACSR	0	0	1850	173	10	1	1	0.00	1.35	0
OC-1349978402	CO1617	2.39	0 1-	20 N FUSE	0	0	1850	173	0	0	0	0.00	1.35	0
CO1551	CO1537	2.40	17 3-	336ACSR	2444	2263	1883	174	136	6	1	0.00	1.35	0
CO1550	CO1551	2.50	17 3-	336ACSR	2386	2208	1830	174	136	6	1	0.00	1.36	0
CO2021	CO1550	2.50	0 3-	336ACSR	2383	2206	1828	174	0	0	0	0.00	1.36	0
CO1595	CO1550	2.54	1 1-	4ACSR	0	0	1783	173	0	0	0	0.00	1.36	0
OC-968856808	CO1595	2.54	0 1-	20 N FUSE	0	0	1783	173	0	0	0	0.00	1.36	0
CO8216	CO1550	2.60	16 1-	4ACSR	0	0	1729	173	136	18	13	0.08	1.44	18
OC1758870581	CO8216	2.60	14 1-	20 N FUSE	0	0	1729	173	120	16	83	0.00	1.44	0
CO2599	OC1758870581	2.64	14 1-	4ACSR	0	0	1696	172	120	16	12	0.03	1.47	5
CO2596	CO2599	2.87	13 1-	4ACSR	0	0	1499	170	118	16	12	0.18	1.64	33
CO2598	CO2596	2.97	13 1-	4ACSR	0	0	1430	169	118	16	12	0.07	1.71	13
CO530736926	CO2598	2.99	12 1-	2ACSR	0	0	1418	169	117	16	9	0.01	1.73	0
CO-544433836	CO530736926	3.03	1 1-	2ACSR	0	0	1396	168	7	0	1	0.00	1.73	0
CO-884128009	CO530736926	3.00	11 1-	2ACSR	0	0	1409	169	110	15	8	0.01	1.73	0
CO2450	CO-884128009	3.06	1 1-	4ACSR	0	0	1371	168	29	4	3	0.01	1.74	0
CO2810	CO-884128009	3.07	10 1-	4ACSR	0	0	1365	168	81	11	8	0.03	1.77	4
CO2493	CO2810	3.13	1 1-	1/0PRIURD	0	0	1341	393	6	0	1	0.00	1.77	0
CO2811	CO2810	3.13	8 1-	4ACSR	0	0	1325	167	70	9	7	0.03	1.79	3
CO2484	CO2811	3.18	1 1-	4ACSR	0	0	1296	167	14	1	1	0.00	1.79	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2649	CO2811	3.17	6 1-	2ACSR	0	0	1307	167	49	6	4	0.01	1.80	0
CO2485	CO2649	3.21	1 1-	2ACSR	0	0	1290	167	8	1	1	0.00	1.80	0
CO2648	CO2649	3.19	5 1-	2ACSR	0	0	1296	167	41	5	3	0.00	1.80	0
CO2486	CO2648	3.21	1 1-	2ACSR	0	0	1289	167	13	1	1	0.00	1.80	0
CO2427	CO2648	3.24	4 1-	1/0PRIURD	0	0	1281	387	28	3	3	0.00	1.81	0
CO2827	CO2427	3.36	4 1-	1/0PRIURD	0	0	1239	384	28	3	3	0.01	1.82	0
CO8386	CO2827	3.49	3 1-	1/0PRIURD	0	0	1195	380	19	2	2	0.01	1.82	0
CO1650	CO8386	3.53	2 1-	1/0PRIURD	0	0	1183	379	11	1	1	0.00	1.82	0
CO8385	CO1650	3.70	1 1-	1/0PRIURD	0	0	1134	375	8	1	1	0.00	1.82	0
CO2733	CO2599	2.69	1 1-	4ACSR	0	0	1650	172	2	0	0	0.00	1.47	0
CO2732	CO2733	2.75	1 1-	4ACSR	0	0	1593	171	2	0	0	0.00	1.47	0
CO8222	CO1535	2.16	8 1-	4ACSR	0	0	2014	174	83	11	8	0.03	1.35	3
OC245485032	CO8222	2.16	8 1-	20 N FUSE	0	0	2014	174	83	11	58	0.00	1.35	0
CO2739	OC245485032	2.24	6 1-	4ACSR	0	0	1920	173	65	8	6	0.03	1.39	3
CO2740	CO2739	2.26	5 1-	4ACSR	0	0	1894	173	65	8	6	0.01	1.40	0
CO2452	CO2740	2.29	2 1-	4ACSR	0	0	1862	173	19	2	2	0.00	1.40	0
CO2741	CO2740	2.36	1 1-	4ACSR	0	0	1781	172	18	2	2	0.01	1.40	0
CO2738	CO2740	2.31	2 1-	4ACSR	0	0	1842	173	28	3	3	0.01	1.40	0
CO2737	CO2738	2.36	1 1-	4ACSR	0	0	1781	172	9	1	1	0.00	1.40	0
CO2736	OC245485032	2.21	2 1-	4ACSR	0	0	1955	174	18	2	2	0.01	1.36	0
CO2451	CO2736	2.27	2 1-	4ACSR	0	0	1878	173	18	2	2	0.01	1.37	0
CO1492366044	CO2451	2.32	1 1-	2ACSR	0	0	1834	173	10	1	1	0.00	1.37	0
CO2735	CO2736	2.25	0 1-	4ACSR	0	0	1912	173	0	0	0	0.00	1.36	0
CO2734	CO2735	2.29	0 1-	4ACSR	0	0	1858	173	0	0	0	0.00	1.36	0
CO8221	CO8220	2.02	1 1-	4ACSR	0	0	2113	174	5	0	1	0.00	1.31	0
OC273177945	CO8221	2.02	0 1-	20 N FUSE	0	0	2113	174	0	0	0	0.00	1.31	0
CO8190	CO8220	2.13	1 1-	4ACSR	0	0	1965	173	15	2	1	0.01	1.32	0
OC-1518578357	CO8190	2.13	0 1-	20 N FUSE	0	0	1965	173	0	0	0	0.00	1.32	0
CO8189	CO779	1.91	1 1-	4ACSR	0	0	2131	174	8	1	1	0.01	1.28	0
OC-1519958413	CO8189	1.91	1 1-	20 N FUSE	0	0	2131	174	8	1	5	0.00	1.28	0
CO90	OC-1519958413	1.99	1 1-	4ACSR	0	0	2019	173	8	1	1	0.00	1.28	0
CO382	CO477	1.53	1 1-	4ACSR	0	0	2551	175	7	0	1	0.00	1.20	0
OC-423471039	CO382	1.53	0 1-	20 N FUSE	0	0	2551	175	0	0	0	0.00	1.20	0
CO381	CO777	1.33	1 3-	4ACSR	3494	3270	2874	176	13	0	0	0.00	1.17	0
CO335	CO792	1.01	108 3-	336ACSR	4119	3904	3525	178	2509	112	22	0.03	1.12	86
CO642	CO335	1.02	108 3-	336ACSR	4108	3893	3513	178	2509	112	22	0.00	1.12	15
SW12-B	CO642	1.02	108 3-	Closed	4108	3893	3513	178	2509	112	0	0.00	1.12	0
SW12-A	SW12-B	1.02	108 3-	Closed	4108	3893	3513	178	2509	112	0	0.00	1.12	0
CO643	SW12-A	1.16	108 3-	336ACSR	3887	3665	3268	178	2509	112	22	0.10	1.22	324
CO473	CO643	1.17	107 3-	4/0ACSR	3875	3653	3256	178	2478	111	33	0.01	1.23	24
CA52	CO473	1.17	0 3-	Capacitor	3875	3653	3256	178	0	-14	0	0.00	1.23	0
CO474	CO473	1.21	107 3-	4/0ACSR	3792	3568	3169	177	2478	114	34	0.06	1.29	178
CO760	CO474	1.23	107 3-	4/0ACSR	3763	3539	3138	177	2477	114	34	0.02	1.31	64
FD778621902	CO760	1.23	104 3-	_DefaultBayEqui	3763	3539	3138	177	2434	112	0	0.00	1.31	0
CO761	FD778621902	1.26	104 3-	4/0ACSR	3713	3488	3086	177	2434	112	33	0.04	1.34	109
OC778621902	CO761	1.26	103 3-	20 N FUSE	3713	3488	3086	177	2433	112	562	0.00	1.34	0
CO765	OC778621902	1.30	103 3-	4/0ACSR	3649	3423	3020	177	2433	112	33	0.05	1.39	144
CO766	CO765	1.32	101 3-	4/0ACSR	3620	3394	2991	177	2229	103	30	0.02	1.41	52
CO764	CO766	1.33	93 3-	4/0ACSR	3600	3374	2971	177	2046	94	28	0.01	1.42	33
CO763	CO764	1.36	92 3-	4/0ACSR	3558	3332	2929	177	2023	93	28	0.03	1.45	66
CO762	CO763	1.37	86 3-	4/0ACSR	3545	3319	2915	177	1932	89	26	0.01	1.46	20
CO767	CO762	1.39	86 3-	4/0ACSR	3507	3281	2877	177	1932	89	26	0.02	1.48	59

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO768	CO767	1.42	86 3-	4/0ACSR	3476	3249	2845	177	1931	89	26	0.02	1.50	50
CO426	CO768	1.44	0 1-	1/0PRIURD	0	0	2815	454	0	0	0	0.00	1.50	0
CO769	CO768	1.44	86 3-	4/0ACSR	3442	3216	2812	177	1931	89	26	0.02	1.52	53
400332186	CO769	1.44	1 3-	Consumer	3442	3216	2812	177	289	13	0	0.00	1.52	0
CO770	CO769	1.46	85 3-	4/0ACSR	3412	3185	2782	177	1642	75	22	0.02	1.54	34
CO771	CO770	1.48	83 3-	4/0ACSR	3382	3155	2752	177	1510	69	21	0.01	1.55	27
CO772	CO771	1.52	78 3-	4/0ACSR	3336	3110	2707	177	1286	59	18	0.02	1.57	35
CO773	CO772	1.53	77 3-	4/0ACSR	3311	3085	2683	176	1082	50	15	0.01	1.58	13
CO8186	CO773	1.57	77 3-	4/0ACSR	3265	3039	2638	176	1082	50	15	0.02	1.60	26
CO8184	CO8186	1.59	77 3-	4/0ACSR	3237	3011	2610	176	1081	50	15	0.01	1.61	16
CO8185	CO8184	1.61	0 1-	4ACSR	0	0	2574	176	0	0	0	0.00	1.61	0
CO775	CO8184	1.63	77 3-	4/0ACSR	3194	2969	2569	176	1081	50	15	0.02	1.63	25
CO774	CO775	1.71	77 3-	4/0ACSR	3090	2866	2470	176	1081	50	15	0.05	1.68	63
CO462	CO774	1.75	76 3-	4/0ACSR	3047	2827	2429	176	684	31	9	0.01	1.69	11
SW210633826-B	CO462	1.75	76 3-	Closed	3047	2827	2429	176	684	31	0	0.00	1.69	0
SW210633826-A	SW210633826-B	1.75	76 3-	Closed	3047	2827	2429	176	684	31	0	0.00	1.69	0
CO329	SW210633826-A	1.82	73 3-	4/0ACSR	2974	2758	2361	176	640	29	9	0.02	1.71	17
CO372	CO329	1.89	1 1-	4/0ACSR	0	0	2288	175	3	0	0	0.00	1.71	0
CO330	CO329	1.85	72 3-	4/0ACSR	2944	2730	2333	176	637	29	9	0.01	1.72	7
CO751	CO330	1.86	27 3-	4/0ACSR	2925	2712	2315	176	221	10	3	0.00	1.72	0
CO752	CO751	1.88	24 3-	4/0ACSR	2909	2697	2300	176	193	8	3	0.00	1.72	0
CO750	CO752	1.91	21 3-	4/0ACSR	2877	2666	2270	175	156	7	2	0.00	1.73	0
CO749	CO750	1.94	17 3-	4/0ACSR	2847	2638	2242	175	126	5	2	0.00	1.73	0
CO748	CO749	1.96	16 3-	4/0ACSR	2831	2624	2228	175	116	5	2	0.00	1.73	0
CO747	CO748	1.99	14 3-	4/0ACSR	2796	2591	2196	175	104	4	1	0.00	1.73	0
CO547	CO747	2.03	13 1-	4/0ACSR	0	0	2166	175	85	11	3	0.00	1.74	0
OC-448033833	CO547	2.03	9 1-	20 N FUSE	0	0	2166	175	51	7	35	0.00	1.74	0
CO726	OC-448033833	2.04	2 1-	4/0ACSR	0	0	2153	175	19	2	1	0.00	1.74	0
CO727	CO726	2.06	0 1-	4/0ACSR	0	0	2141	175	0	0	0	0.00	1.74	0
CO370	OC-448033833	2.04	7 1-	4/0ACSR	0	0	2156	175	32	4	1	0.00	1.74	0
CO628	CO370	2.07	5 1-	4/0ACSR	0	0	2134	175	20	2	1	0.00	1.74	0
CO631	CO628	2.11	5 1-	4/0ACSR	0	0	2103	175	20	2	1	0.00	1.74	0
CO629	CO631	2.12	5 1-	4/0ACSR	0	0	2097	175	20	2	1	0.00	1.74	0
CO630	CO629	2.16	3 1-	4/0ACSR	0	0	2059	175	6	0	0	0.00	1.74	0
CO331	CO330	1.88	44 3-	4/0ACSR	2907	2695	2298	176	415	19	6	0.01	1.73	4
CO458	CO331	1.99	43 3-	4/0ACSR	2802	2596	2201	175	403	18	5	0.02	1.75	11
CO756	CO458	2.00	43 3-	4/0ACSR	2789	2584	2189	175	403	18	5	0.00	1.75	0
CO757	CO756	2.02	42 3-	4/0ACSR	2772	2568	2174	175	395	18	5	0.00	1.76	0
OC1595576494	CO757	2.02	0 3-	35 A OCR	2772	2568	2174	175	0	0	0	0.00	1.76	0
CO734	CO757	2.05	21 1-	4/0ACSR	0	0	2149	175	183	25	7	0.01	1.76	0
CO735	CO734	2.08	17 1-	4/0ACSR	0	0	2125	175	149	20	6	0.01	1.77	0
CO371	CO735	2.09	2 1-	4/0ACSR	0	0	2120	175	24	3	1	0.00	1.77	0
CO754	CO735	2.10	12 1-	4/0ACSR	0	0	2105	175	98	13	4	0.00	1.78	0
CO755	CO754	2.13	10 1-	4/0ACSR	0	0	2089	175	79	10	3	0.00	1.78	0
CO753	CO755	2.15	5 1-	4/0ACSR	0	0	2069	175	38	5	2	0.00	1.78	0
CO548	CO757	2.03	18 1-	4/0ACSR	0	0	2169	175	179	24	7	0.00	1.76	0
CO732	CO548	2.04	18 1-	4/0ACSR	0	0	2153	175	179	24	7	0.01	1.76	0
CO733	CO732	2.07	14 1-	4/0ACSR	0	0	2131	175	140	19	6	0.01	1.77	0
CO731	CO733	2.10	11 1-	4/0ACSR	0	0	2105	175	109	15	4	0.01	1.78	0
CO730	CO731	2.13	9 1-	4/0ACSR	0	0	2087	175	86	11	4	0.00	1.78	0
CO728	CO730	2.15	6 1-	4/0ACSR	0	0	2067	175	51	7	2	0.00	1.78	0
CO729	CO728	2.17	3 1-	4/0ACSR	0	0	2051	175	25	3	1	0.00	1.78	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO647	CO331	1.96	0 3-	4/0ACSR	2825	2618	2223	175	0	0	0	0.00	1.73	0
SW13-B	CO647	1.96	0 3-	Open	2825	2618	2223	175	0	0	0	0.00	1.73	0
CO550	SW210633826-A	1.81	3 3-	4/0ACSR	2984	2768	2370	176	44	2	1	0.00	1.69	0
CO758	CO550	1.84	3 3-	4/0ACSR	2951	2737	2339	176	44	2	1	0.00	1.69	0
CO759	CO758	1.87	2 3-	4/0ACSR	2924	2711	2314	176	39	1	1	0.00	1.69	0
CO549	CO759	1.87	1 3-	4/0ACSR	2914	2702	2305	176	23	1	0	0.00	1.69	0
400332104	CO774	1.71	1 3-	Consumer	3090	2866	2470	176	397	18	0	0.00	1.68	0
400332105	CO772	1.52	1 3-	Consumer	3336	3110	2707	177	204	9	0	0.00	1.57	0
400332115	CO765	1.30	1 3-	Consumer	3649	3423	3020	177	201	9	0	0.00	1.39	0
CO378	CO761	1.29	1 1-	4ACSR	0	0	3024	177	1	0	0	0.00	1.34	0
CO30687	CO643	1.21	1 3-	4/0ACSR	3799	3575	3176	177	29	1	0	0.00	1.22	0
CO377	CO643	1.18	0 1-	4ACSR	0	0	3214	177	0	0	0	0.00	1.22	0
CO438	CO530	0.59	1 3-	4ACSR	4916	4749	4481	178	18	0	1	0.00	0.66	0
CO397	CO680	0.18	1 1-	4ACSR	0	0	6009	179	1	0	0	0.00	0.15	0
OC-562549125	CO397	0.18	0 1-	20 N FUSE	0	0	6009	179	0	0	0	0.00	0.15	0
CO450	CO449	0.02	959 3-	750 MCM - 42 Wi	6772	7170	7284	180	7910	355	31	0.01	0.03	61
Park Hills	CO450	0.02	959 3-	WVE	6772	7170	7284	180	7910	355	64	0.00	0.03	0
CO446	Park Hills	0.03	959 3-	556ACSR	6734	7107	7216	180	7910	355	50	0.02	0.05	130
CO695	CO446	0.04	959 3-	556ACSR	6692	7038	7141	180	7909	355	50	0.02	0.07	146
OC1497729333	CO695	0.04	958 3-	20 N FUSE	6692	7038	7141	180	7898	355	1777	0.00	0.07	0
CO696	OC1497729333	0.05	958 3-	556ACSR	6626	6933	7026	180	7898	355	50	0.03	0.10	228
CO517	CO696	0.10	14 3-	336ACSR	6454	6662	6733	180	951	42	8	0.01	0.11	14
CO709	CO517	0.12	11 3-	336ACSR	6366	6529	6587	179	942	42	8	0.01	0.11	7
CO710	CO709	0.14	11 3-	336ACSR	6277	6398	6441	179	942	42	8	0.01	0.12	7
CO708	CO710	0.18	8 3-	336ACSR	6156	6225	6247	179	921	41	8	0.01	0.13	10
CO707	CO708	0.19	6 3-	336ACSR	6112	6163	6177	179	907	40	8	0.00	0.13	4
CO366	CO707	0.37	5 3-	336ACSR	5540	5453	5321	179	890	40	8	0.05	0.18	51
CO442	CO366	0.46	1 3-	1/0PRIURD	5455	5260	4896	468	244	11	7	0.01	0.20	6
OC-1465712088	CO442	0.46	0 3-	20 N FUSE	5455	5260	4896	468	0	0	0	0.00	0.20	0
400332235	CO442	0.46	1 3-	Consumer	5455	5260	4896	468	244	11	0	0.00	0.20	0
CO425	CO366	0.38	0 1-	4ACSR	0	0	5208	179	0	0	0	0.00	0.18	0
CO617	CO366	0.40	4 3-	4ACSR	5350	5233	5057	179	646	29	21	0.04	0.23	46
CO615	CO617	0.49	4 3-	1/0PRIURD	5263	5122	4772	465	645	29	19	0.04	0.26	40
OC-850633901	CO615	0.49	4 3-	20 N FUSE	5263	5122	4772	465	645	29	146	0.00	0.26	0
CO424	OC-850633901	0.54	1 3-	1/0PRIURD	5197	5033	4584	463	230	10	7	0.01	0.27	4
400322146	CO424	0.54	1 3-	Consumer	5197	5033	4584	463	230	10	0	0.00	0.27	0
CO614	OC-850633901	0.54	3 3-	1/0PRIURD	5206	5044	4606	463	416	18	12	0.01	0.27	10
CO789	CO614	0.56	3 3-	1/0PRIURD	5183	5013	4545	462	416	18	13	0.01	0.28	4
CO790	CO789	0.60	1 3-	1/0PRIURD	5124	4932	4395	460	394	17	12	0.01	0.29	9
CO616	CO790	0.63	1 3-	1/0PRIURD	5094	4891	4322	459	394	17	12	0.01	0.30	4
400332183	CO616	0.63	1 3-	Consumer	5094	4891	4322	459	394	17	0	0.00	0.30	0
CO365	CO707	0.23	1 3-	2ACSR	5883	5866	5826	179	17	0	0	0.00	0.13	0
CO485	CO696	0.10	944 3-	556ACSR	6461	6678	6743	180	6946	312	44	0.07	0.16	462
CO623	CO485	0.12	3 3-	2ACSR	6329	6465	6524	179	517	23	13	0.01	0.18	11
OC-618160725	CO623	0.12	3 3-	20 N FUSE	6329	6465	6524	179	517	23	117	0.00	0.18	0
CO621	OC-618160725	0.16	3 3-	2ACSR	6121	6158	6193	179	517	23	13	0.02	0.20	18
CO622	CO621	0.20	2 3-	2ACSR	5901	5901	5858	179	331	14	8	0.02	0.21	8
400323070	CO622	0.20	1 3-	Consumer	5901	5901	5858	179	324	14	0	0.00	0.21	0
400323076	CO621	0.16	1 3-	Consumer	6121	6158	6193	179	185	8	0	0.00	0.20	0
CO486	CO485	0.10	940 3-	556ACSR	6443	6652	6713	180	6427	289	41	0.01	0.17	43
CO805	CO486	0.13	940 3-	556ACSR	6340	6500	6542	179	6427	289	41	0.04	0.21	258

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO589	CO805	0.17	1 3-	4/0ACSR	6172	6256	6276	179	399	18	5	0.01	0.21	4
OC-126607441	CO589	0.17	1 3-	20 N FUSE	6172	6256	6276	179	399	18	90	0.00	0.21	0
CO590	OC-126607441	0.22	1 3-	4/0ACSR	5973	5982	5972	179	399	18	5	0.01	0.22	4
400322085	CO590	0.22	1 3-	Consumer	5973	5982	5972	179	399	18	0	0.00	0.22	0
CO342	CO805	0.16	939 3-	556ACSR	6241	6357	6379	179	6027	271	38	0.04	0.24	226
CO820	CO342	0.24	938 3-	556ACSR	5975	5993	5959	179	6025	271	38	0.10	0.35	641
CO821	CO820	0.25	938 3-	556ACSR	5939	5945	5904	179	6022	271	38	0.01	0.36	92
CO620	CO821	0.29	3 3-	2ACSR	5736	5672	5602	179	34	1	1	0.00	0.36	0
OC-340009736	CO620	0.29	2 3-	20 N FUSE	5736	5672	5602	179	21	0	5	0.00	0.36	0
CO713	OC-340009736	0.36	2 3-	2ACSR	5397	5289	5126	179	21	0	1	0.00	0.37	0
CO714	CO713	0.39	1 3-	2ACSR	5291	5169	4983	178	18	0	0	0.00	0.37	0
CO484	CO821	0.34	935 3-	556ACSR	5678	5611	5514	179	5988	269	38	0.11	0.47	685
CO671	CO484	0.37	934 3-	556ACSR	5597	5511	5397	179	5977	269	38	0.04	0.51	223
CO672	CO671	0.41	933 3-	556ACSR	5485	5375	5237	179	5939	267	38	0.05	0.56	319
CO362	CO672	0.47	933 3-	4/0ACSR	5285	5147	4967	179	5938	267	79	0.16	0.72	1237
CO697	CO362	0.55	928 3-	4/0ACSR	5038	4880	4646	179	5905	266	78	0.21	0.92	1636
CO698	CO697	0.57	927 3-	4/0ACSR	4980	4817	4572	179	5897	266	78	0.05	0.98	407
CO588	CO698	0.63	9 1-	4ACSR	0	0	4261	178	28	3	3	0.01	0.99	0
OC-1054591213	CO588	0.63	8 1-	20 N FUSE	0	0	4261	178	26	3	18	0.00	0.99	0
CO669	OC-1054591213	0.65	8 1-	4ACSR	0	0	4163	178	26	3	3	0.00	0.99	0
CO699	CO669	0.66	7 1-	4ACSR	0	0	4091	178	21	2	2	0.00	0.99	0
CO700	CO699	0.70	5 1-	4ACSR	0	0	3900	177	13	1	1	0.00	0.99	0
CO670	CO700	0.74	4 1-	4ACSR	0	0	3718	177	6	0	1	0.00	0.99	0
CO483	CO698	0.61	918 3-	4/0ACSR	4856	4683	4415	179	5867	265	78	0.11	1.09	897
CO674	CO483	0.68	918 3-	4/0ACSR	4674	4489	4193	178	5862	265	78	0.17	1.26	1380
CO675	CO674	0.70	915 3-	4/0ACSR	4616	4427	4123	178	5838	264	78	0.06	1.32	460
CO673	CO675	0.73	914 3-	4/0ACSR	4549	4357	4044	178	5814	263	77	0.07	1.39	536
CO568	CO673	0.79	5 1-	4ACSR	0	0	3804	178	22	2	2	0.01	1.40	0
OC-1575809686	CO568	0.79	4 1-	20 N FUSE	0	0	3804	178	20	2	14	0.00	1.40	0
CO570	OC-1575809686	0.86	4 1-	4ACSR	0	0	3507	177	20	2	2	0.01	1.41	0
CO569	CO570	0.90	1 1-	4ACSR	0	0	3369	176	4	0	0	0.00	1.41	0
CO273190733	CO570	0.97	1 1-	2ACSR	0	0	3187	176	10	1	1	0.00	1.41	0
CO388	CO673	0.81	1 1-	4ACSR	0	0	3727	177	1	0	0	0.00	1.39	0
OC-43351377	CO388	0.81	0 1-	20 N FUSE	0	0	3727	177	0	0	0	0.00	1.39	0
CO337	CO673	0.80	905 3-	4/0ACSR	4393	4193	3861	178	5770	261	77	0.17	1.56	1302
CO383	CO337	0.83	1 1-	4ACSR	0	0	3712	178	16	2	2	0.00	1.56	0
OC-1702724262	CO383	0.83	0 1-	20 N FUSE	0	0	3712	178	0	0	0	0.00	1.56	0
CO352	CO337	0.84	903 3-	4/0ACSR	4300	4095	3754	178	5743	260	77	0.10	1.66	815
CO653	CO352	0.84	33 1-	6ACWC	0	0	3743	178	218	29	21	0.00	1.67	0
OC20	CO653	0.84	33 1-	70 L OCR	0	0	3743	178	218	29	43	0.00	1.67	0
CO654	OC20	0.88	33 1-	6ACWC	0	0	3591	177	218	29	21	0.05	1.72	19
CO565	CO654	0.95	7 1-	4ACSR	0	0	3367	177	47	6	5	0.02	1.74	0
CO564	CO565	0.98	3 1-	4ACSR	0	0	3243	176	23	3	2	0.00	1.74	0
CO567	CO564	1.00	2 1-	4ACSR	0	0	3187	176	16	2	2	0.00	1.74	0
CO566	CO567	1.07	2 1-	4ACSR	0	0	2990	175	16	2	2	0.00	1.75	0
CO399	CO565	0.99	2 1-	4ACSR	0	0	3230	176	13	1	1	0.00	1.74	0
CO341	CO654	0.99	26 1-	6ACWC	0	0	3234	176	171	23	17	0.11	1.83	30
CO701	CO341	1.08	4 1-	4ACSR	0	0	2963	175	19	2	2	0.01	1.84	0
CO702	CO701	1.13	2 1-	4ACSR	0	0	2811	175	7	0	1	0.00	1.84	0
CO581	CO702	1.19	2 1-	4ACSR	0	0	2657	174	7	0	1	0.00	1.84	0
CO579	CO581	1.22	1 1-	4ACSR	0	0	2582	174	6	0	1	0.00	1.84	0
CO580	CO579	1.28	1 1-	4ACSR	0	0	2459	173	6	0	1	0.00	1.84	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO340	CO341	1.05	22 1-	6ACWC	0	0	3028	176	152	20	15	0.06	1.89	16
CO705	CO340	1.10	19 1-	6ACWC	0	0	2908	175	120	16	12	0.03	1.92	5
CO706	CO705	1.21	15 1-	6ACWC	0	0	2631	174	103	14	10	0.07	1.99	10
CO482	CO706	1.25	13 1-	6ACWC	0	0	2522	173	91	12	9	0.03	2.01	4
CO578	CO482	1.33	3 1-	4ACSR	0	0	2369	173	4	0	0	0.00	2.02	0
CO576	CO578	1.38	2 1-	4ACSR	0	0	2261	172	0	0	0	0.00	2.02	0
CO577	CO576	1.43	2 1-	4ACSR	0	0	2174	172	0	0	0	0.00	2.02	0
CO575	CO577	1.48	1 1-	4ACSR	0	0	2096	171	0	0	0	0.00	2.02	0
CO384	CO577	1.47	1 1-	4ACSR	0	0	2112	171	0	0	0	0.00	2.02	0
CO439	CO578	1.37	0 1-	4ACSR	0	0	2288	172	0	0	0	0.00	2.02	0
CO481	CO482	1.35	10 1-	6ACWC	0	0	2332	173	87	11	9	0.05	2.06	6
OC868808435	CO481	1.35	8 1-	20 N FUSE	0	0	2332	173	76	10	52	0.00	2.06	0
CO480	OC868808435	1.39	8 1-	6ACWC	0	0	2247	172	76	10	7	0.02	2.08	3
CO441	CO480	1.44	1 1-	1/0PRIURD	0	0	2199	423	9	1	1	0.00	2.08	0
CO339	CO480	1.45	7 1-	6ACWC	0	0	2153	171	66	9	6	0.02	2.10	2
CO586	CO339	1.47	4 1-	4ACSR	0	0	2109	171	36	4	3	0.01	2.11	0
CO587	CO586	1.52	4 1-	2ACSR	0	0	2046	171	36	4	3	0.01	2.12	0
CO566548282	CO587	1.57	2 1-	2ACSR	0	0	1994	171	18	2	1	0.00	2.12	0
CO584	CO566548282	1.61	1 1-	4ACSR	0	0	1940	170	9	1	1	0.00	2.12	0
CO585	CO584	1.69	1 1-	4ACSR	0	0	1828	169	9	1	1	0.00	2.13	0
CO387	CO566548282	1.60	0 1-	4ACSR	0	0	1948	170	0	0	0	0.00	2.12	0
CO386	CO566548282	1.62	1 1-	4ACSR	0	0	1916	170	9	1	1	0.00	2.12	0
CO-211028780	CO587	1.55	1 1-	2ACSR	0	0	2011	171	9	1	1	0.00	2.12	0
CO583	CO339	1.50	2 1-	4ACSR	0	0	2067	171	19	2	2	0.01	2.11	0
CO582	CO583	1.55	2 1-	4ACSR	0	0	1991	170	19	2	2	0.00	2.11	0
CO703	CO339	1.51	1 1-	4ACSR	0	0	2047	171	12	1	1	0.00	2.11	0
CO704	CO703	1.56	1 1-	4ACSR	0	0	1970	170	12	1	1	0.00	2.11	0
CO385	CO340	1.11	3 1-	4ACSR	0	0	2878	175	32	4	3	0.01	1.90	0
CO499	CO352	0.98	870 3-	4/0ACSR	4018	3803	3439	178	5522	250	74	0.33	1.99	2483
CO500	CO499	1.04	870 3-	4/0ACSR	3901	3682	3312	177	5510	250	74	0.15	2.14	1130
CO803	CO500	1.06	870 3-	4/0ACSR	3868	3648	3277	177	5505	250	74	0.04	2.18	333
CO804	CO803	1.09	869 3-	4/0ACSR	3815	3594	3220	177	5499	250	74	0.07	2.26	539
OC23	CO804	1.09	864 3-	70 L OCR	3815	3594	3220	177	5453	248	355	0.00	2.26	0
CO822	OC23	1.09	90 3-	4ACSR	3797	3574	3201	177	660	30	22	0.01	2.26	9
CO823	CO822	1.15	90 3-	4ACSR	3629	3412	3030	177	660	30	22	0.07	2.34	81
CO431	CO823	1.28	1 1-	2ACSR	0	0	2766	176	2	0	0	0.00	2.34	0
OC562101907	CO431	1.28	0 1-	20 N FUSE	0	0	2766	176	0	0	0	0.00	2.34	0
CO677	CO823	1.19	89 3-	4ACSR	3535	3329	2937	176	658	30	22	0.04	2.38	46
CO678	CO677	1.21	88 3-	4ACSR	3491	3289	2894	176	655	30	21	0.02	2.40	22
CO676	CO678	1.28	87 3-	4ACSR	3285	3107	2700	175	651	29	21	0.09	2.49	102
CO398	CO676	1.33	1 1-	4ACSR	0	0	2593	175	5	0	0	0.00	2.49	0
OC-577494365	CO398	1.33	0 1-	20 N FUSE	0	0	2593	175	0	0	0	0.00	2.49	0
CO351	CO676	1.38	86 3-	4ACSR	3054	2903	2492	174	646	29	21	0.11	2.60	121
CO506	CO351	1.41	5 3-	4ACSR	2988	2844	2434	174	30	1	1	0.00	2.60	0
CO505	CO506	1.49	5 3-	4ACSR	2802	2678	2273	173	30	1	1	0.00	2.61	0
CO419	CO505	1.52	1 1-	4ACSR	0	0	2228	173	4	0	0	0.00	2.61	0
OC-707234162	CO419	1.52	0 1-	20 N FUSE	0	0	2228	173	0	0	0	0.00	2.61	0
CO683	CO505	1.51	2 1-	4ACSR	0	0	2246	173	19	2	2	0.00	2.61	0
OC-720971889	CO683	1.51	1 1-	20 N FUSE	0	0	2246	173	5	0	3	0.00	2.61	0
CO684	OC-720971889	1.56	1 1-	4ACSR	0	0	2163	172	5	0	0	0.00	2.61	0
CO360	CO505	1.63	2 3-	4ACSR	2528	2431	2042	171	8	0	0	0.00	2.61	0
CO17317	CO360	1.81	1 3-	4ACSR	2246	2174	1809	170	5	0	0	0.00	2.61	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2459	CO17317	1.84	0 1-	4ACSR	0	0	1770	169	0	0	0	0.00	2.61	0
CO2458	CO17317	1.87	0 1-	4ACSR	0	0	1744	169	0	0	0	0.00	2.61	0
OC-92611627	CO2458	1.87	0 1-	20 N FUSE	0	0	1744	169	0	0	0	0.00	2.61	0
CO418	CO360	1.69	1 1-	4ACSR	0	0	1961	171	3	0	0	0.00	2.61	0
OC441734494	CO418	1.69	0 1-	20 N FUSE	0	0	1961	171	0	0	0	0.00	2.61	0
CO350	CO351	1.46	81 3-	4ACSR	2877	2745	2337	173	615	28	20	0.09	2.69	91
CO414	CO350	1.50	2 1-	4ACSR	0	0	2268	173	12	1	1	0.00	2.69	0
OC219084537	CO414	1.50	0 1-	20 N FUSE	0	0	2268	173	0	0	0	0.00	2.69	0
CO349	CO350	1.55	79 3-	4ACSR	2688	2575	2175	172	603	27	20	0.10	2.79	100
CO415	CO349	1.61	2 1-	4ACSR	0	0	2085	172	15	2	1	0.00	2.79	0
OC932583395	CO415	1.61	0 1-	20 N FUSE	0	0	2085	172	0	0	0	0.00	2.79	0
CO498	CO349	1.61	76 3-	4ACSR	2580	2478	2085	172	573	26	19	0.06	2.85	56
CO497	CO498	1.64	72 3-	4ACSR	2511	2416	2028	171	552	25	18	0.04	2.88	36
CO601	CO497	1.69	3 1-	4ACSR	0	0	1960	171	24	3	2	0.01	2.89	0
CO605	CO601	1.71	1 1-	4ACSR	0	0	1934	171	12	1	1	0.00	2.89	0
CO604	CO605	1.73	1 1-	4ACSR	0	0	1909	170	12	1	1	0.00	2.89	0
CO416	CO604	1.76	1 1-	1/0PRIURD	0	0	1889	412	12	1	1	0.00	2.90	0
CO603	CO601	1.79	2 1-	4ACSR	0	0	1837	170	11	1	1	0.01	2.90	0
CO602	CO603	1.82	2 1-	4ACSR	0	0	1791	169	11	1	1	0.00	2.90	0
CO496	CO497	1.66	69 3-	4ACSR	2478	2386	2000	171	528	24	17	0.02	2.90	16
CO693	CO496	1.69	67 3-	4ACSR	2434	2345	1963	171	509	23	17	0.02	2.93	20
CO694	CO693	1.70	65 3-	4ACSR	2414	2328	1947	171	487	22	16	0.01	2.94	9
CO2601	CO694	1.74	65 3-	4ACSR	2353	2272	1897	170	487	22	16	0.03	2.97	27
CO2600	CO2601	1.75	64 3-	4ACSR	2328	2249	1876	170	477	22	16	0.01	2.98	10
CO2602	CO2600	1.79	60 3-	4ACSR	2279	2204	1836	170	446	20	15	0.03	3.01	20
CO2604	CO2602	1.82	26 1-	4ACSR	0	0	1796	169	195	27	19	0.04	3.05	13
CO2603	CO2604	1.87	25 1-	4ACSR	0	0	1735	169	187	25	18	0.06	3.11	19
CO2606	CO2603	1.92	23 1-	4ACSR	0	0	1683	168	179	24	18	0.05	3.16	16
CO2605	CO2606	1.98	23 1-	4ACSR	0	0	1625	168	178	24	18	0.06	3.23	17
CO2453	CO2605	2.01	0 1-	4ACSR	0	0	1597	168	0	0	0	0.00	3.23	0
CO2402	CO2605	2.05	20 1-	4ACSR	0	0	1558	167	162	22	16	0.07	3.30	19
CO2607	CO2402	2.19	9 1-	4ACSR	0	0	1438	166	63	8	6	0.06	3.35	6
CO2609	CO2607	2.23	9 1-	4ACSR	0	0	1409	165	63	8	6	0.01	3.37	0
CO2608	CO2609	2.26	8 1-	4ACSR	0	0	1384	165	48	6	5	0.01	3.38	0
CO8251	CO2608	2.28	8 1-	4ACSR	0	0	1372	165	48	6	5	0.01	3.38	0
CO3228	CO8251	2.33	5 1-	4ACSR	0	0	1337	164	19	2	2	0.01	3.39	0
CO3229	CO3228	2.36	2 1-	4ACSR	0	0	1317	164	10	1	1	0.00	3.39	0
CO3230	CO3229	2.38	1 1-	4ACSR	0	0	1303	164	0	0	0	0.00	3.39	0
CO3231	CO3228	2.34	3 1-	4ACSR	0	0	1332	164	9	1	1	0.00	3.39	0
CO3232	CO3231	2.35	2 1-	4ACSR	0	0	1320	164	9	1	1	0.00	3.39	0
CO3225	CO8251	2.31	3 1-	4ACSR	0	0	1348	164	29	4	3	0.00	3.39	0
CO3226	CO3225	2.32	2 1-	4ACSR	0	0	1343	164	18	2	2	0.00	3.39	0
CO3227	CO3226	2.33	2 1-	4ACSR	0	0	1339	164	18	2	2	0.00	3.39	0
CO2778	CO2402	2.11	1 1-	4ACSR	0	0	1508	167	11	1	1	0.00	3.30	0
CO2777	CO2778	2.17	1 1-	4ACSR	0	0	1457	166	11	1	1	0.00	3.30	0
CO2746	CO2402	2.08	10 1-	4ACSR	0	0	1533	167	88	12	9	0.01	3.31	0
CO2745	CO2746	2.13	7 1-	4ACSR	0	0	1484	166	58	8	6	0.02	3.33	0
CO2475	CO2745	2.18	1 1-	4ACSR	0	0	1450	166	8	1	1	0.00	3.33	0
CO8257	CO2745	2.17	6 1-	4ACSR	0	0	1453	166	50	6	5	0.01	3.34	0
CO3236	CO8257	2.21	6 1-	2ACSR	0	0	1427	166	50	6	4	0.01	3.35	0
CO3237	CO3236	2.24	1 1-	2ACSR	0	0	1411	165	7	0	1	0.00	3.35	0
CO3235	CO3237	2.31	1 1-	2ACSR	0	0	1370	165	7	0	1	0.00	3.35	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3233	CO3236	2.25	3 1-	4ACSR	0	0	1399	165	24	3	2	0.01	3.36	0
CO3234	CO3233	2.29	2 1-	4ACSR	0	0	1371	165	17	2	2	0.00	3.36	0
CO2842	CO2602	1.79	9 1-	4ACSR	0	0	1828	170	78	10	8	0.00	3.01	0
OC79	CO2842	1.79	9 1-	35 L OCR	0	0	1828	170	78	10	31	0.00	3.01	0
CO2843	OC79	1.83	9 1-	4ACSR	0	0	1785	169	78	10	8	0.01	3.03	0
CO2742	CO2843	1.86	5 1-	4ACSR	0	0	1747	169	52	7	5	0.01	3.04	0
CO2744	CO2742	1.94	3 1-	4ACSR	0	0	1666	168	32	4	3	0.01	3.05	0
CO2743	CO2744	1.98	2 1-	4ACSR	0	0	1620	168	24	3	2	0.01	3.06	0
CO417	CO2743	2.04	2 1-	4ACSR	0	0	1567	167	24	3	2	0.00	3.06	0
CO2403	CO2602	1.87	25 1-	4ACSR	0	0	1742	169	173	23	17	0.09	3.10	25
CO2404	CO2403	1.95	16 1-	4ACSR	0	0	1649	168	130	17	13	0.07	3.16	14
OC236962033	CO2404	1.95	14 1-	20 N FUSE	0	0	1649	168	112	15	78	0.00	3.16	0
CO2613	OC236962033	2.00	9 1-	4ACSR	0	0	1601	168	80	11	8	0.02	3.19	3
CO2610	CO2613	2.09	8 1-	4ACSR	0	0	1524	167	72	10	7	0.04	3.22	5
CO2612	CO2610	2.11	8 1-	4ACSR	0	0	1508	167	72	10	7	0.01	3.23	0
CO2611	CO2612	2.20	7 1-	4ACSR	0	0	1428	166	71	9	7	0.04	3.28	5
CO2619	CO2611	2.26	6 1-	4ACSR	0	0	1390	165	53	7	5	0.02	3.29	0
CO2618	CO2619	2.34	6 1-	4ACSR	0	0	1332	164	53	7	5	0.02	3.32	0
CO2614	CO2618	2.46	5 1-	4ACSR	0	0	1253	163	40	5	4	0.03	3.35	0
CO2615	CO2614	2.57	4 1-	4ACSR	0	0	1190	162	37	5	4	0.02	3.37	0
CO2617	CO2615	2.66	3 1-	4ACSR	0	0	1143	161	28	3	3	0.01	3.38	0
CO2616	CO2617	2.68	2 1-	4ACSR	0	0	1133	161	19	2	2	0.00	3.39	0
CO2621	CO2616	2.80	1 1-	4ACSR	0	0	1077	160	8	1	1	0.01	3.39	0
CO2620	CO2621	2.84	1 1-	4ACSR	0	0	1059	159	8	1	1	0.00	3.39	0
CO2457	CO2620	2.92	1 1-	4ACSR	0	0	1025	159	8	1	1	0.00	3.40	0
CO2753	CO2620	2.91	0 1-	4ACSR	0	0	1029	159	0	0	0	0.00	3.39	0
CO2755	CO2753	2.96	0 1-	4ACSR	0	0	1009	158	0	0	0	0.00	3.39	0
CO2754	CO2755	3.02	0 1-	4ACSR	0	0	985	158	0	0	0	0.00	3.39	0
CO2456	CO2616	2.72	1 1-	4ACSR	0	0	1112	161	11	1	1	0.00	3.39	0
CO2479	CO2619	2.30	0 1-	2ACSR	0	0	1366	165	0	0	0	0.00	3.29	0
CO2455	CO2611	2.27	1 1-	4ACSR	0	0	1378	165	18	2	2	0.00	3.28	0
CO2750	OC236962033	1.98	5 1-	4ACSR	0	0	1625	168	33	4	3	0.00	3.17	0
CO2454	CO2750	2.06	1 1-	4ACSR	0	0	1552	167	11	1	1	0.00	3.17	0
CO2752	CO2750	2.01	4 1-	4ACSR	0	0	1595	168	22	3	2	0.00	3.17	0
CO2751	CO2752	2.04	1 1-	4ACSR	0	0	1562	167	11	1	1	0.00	3.17	0
CO2748	CO2403	1.90	9 1-	4ACSR	0	0	1701	169	43	5	4	0.01	3.11	0
CO2747	CO2748	1.94	9 1-	4ACSR	0	0	1661	168	43	5	4	0.01	3.11	0
CO8382	CO2747	1.99	5 1-	4ACSR	0	0	1614	168	15	2	1	0.00	3.12	0
CO606	CO8382	2.05	1 1-	4ACSR	0	0	1558	167	0	0	0	0.00	3.12	0
CO2749	CO2747	2.04	1 1-	4ACSR	0	0	1569	167	6	0	1	0.00	3.12	0
CO650	OC23	1.09	774 3-	4/0ACSR	3804	3583	3208	177	4792	218	64	0.01	2.27	91
CO687	CO650	1.13	774 3-	4/0ACSR	3747	3525	3148	177	4792	218	64	0.07	2.34	453
OC-993869615	CO687	1.13	773 3-	20 N FUSE	3747	3525	3148	177	4790	218	1091	0.00	2.34	0
CO688	OC-993869615	1.17	773 3-	4/0ACSR	3671	3448	3069	177	4790	218	64	0.10	2.43	632
CO508	CO688	1.22	773 3-	4/0ACSR	3589	3364	2983	177	4787	218	64	0.11	2.54	713
CO507	CO508	1.26	771 3-	4/0ACSR	3536	3311	2929	177	4778	217	64	0.07	2.61	474
CO421	CO507	1.28	2 1-	4ACSR	0	0	2891	177	25	3	2	0.00	2.61	0
CO685	CO507	1.28	769 3-	4/0ACSR	3501	3276	2893	177	4751	216	64	0.05	2.66	316
CO686	CO685	1.32	768 3-	4/0ACSR	3443	3217	2834	177	4491	204	60	0.08	2.73	485
CO509	CO686	1.37	768 3-	4/0ACSR	3382	3157	2774	177	4489	204	60	0.08	2.82	517
CO513	CO509	1.42	768 3-	4/0ACSR	3306	3081	2698	176	4487	204	60	0.11	2.93	684
CO8192	CO513	1.60	768 3-	4/0ACSR	3091	2877	2488	176	4483	204	60	0.33	3.26	2094

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1006	CO8192	1.66	27 3-	4/0ACSR	3021	2810	2422	176	194	8	3	0.01	3.26	0
CO1007	CO1006	1.68	26 3-	4/0ACSR	2992	2783	2394	176	192	8	3	0.00	3.26	0
CO1009	CO1007	1.76	17 1-	4ACSR	0	0	2273	175	115	16	11	0.05	3.31	8
OC-61802752	CO1009	1.76	15 1-	20 N FUSE	0	0	2273	175	92	12	64	0.00	3.31	0
CO1159	OC-61802752	1.82	15 1-	4ACSR	0	0	2182	174	92	12	9	0.03	3.35	5
CO1160	CO1159	1.89	14 1-	4ACSR	0	0	2072	173	88	12	9	0.04	3.38	5
CO1010	CO1160	1.92	11 1-	4ACSR	0	0	2034	173	72	9	7	0.01	3.40	0
CO3027	CO1010	1.99	11 1-	4ACSR	0	0	1946	172	72	9	7	0.03	3.43	4
CO3240	CO3027	2.03	7 1-	4ACSR	0	0	1899	172	33	4	3	0.01	3.43	0
CO3241	CO3240	2.06	7 1-	4ACSR	0	0	1853	172	33	4	3	0.01	3.44	0
CO3242	CO3241	2.07	7 1-	4ACSR	0	0	1842	171	33	4	3	0.00	3.44	0
CO3243	CO3242	2.12	6 1-	4ACSR	0	0	1795	171	26	3	3	0.01	3.45	0
CO3244	CO3243	2.16	3 1-	4ACSR	0	0	1745	170	16	2	2	0.00	3.45	0
CO3245	CO3244	2.18	1 1-	4ACSR	0	0	1728	170	5	0	0	0.00	3.45	0
CO3125	CO3245	2.19	0 1-	4ACSR	0	0	1718	170	0	0	0	0.00	3.45	0
CO3246	CO3245	2.23	1 1-	4ACSR	0	0	1670	170	5	0	0	0.00	3.45	0
OC572342158	CO3246	2.23	0 1-	20 N FUSE	0	0	1670	170	0	0	0	0.00	3.45	0
CO3238	CO3027	2.05	4 1-	4ACSR	0	0	1865	172	39	5	4	0.01	3.44	0
CO3124	CO3238	2.09	2 1-	4ACSR	0	0	1821	171	19	2	2	0.00	3.44	0
CO3239	CO3238	2.13	1 1-	4ACSR	0	0	1778	171	10	1	1	0.00	3.44	0
CO1008	CO1007	1.72	8 1-	4ACSR	0	0	2331	175	63	8	6	0.02	3.28	0
OC1681168975	CO1008	1.72	8 1-	20 N FUSE	0	0	2331	175	63	8	44	0.00	3.28	0
CO8202	OC1681168975	1.78	8 1-	4ACSR	0	0	2244	175	63	8	6	0.02	3.30	2
CO609	CO8202	1.85	8 1-	4ACSR	0	0	2130	174	63	8	6	0.03	3.33	3
CO610	CO609	1.90	8 1-	4ACSR	0	0	2064	173	63	8	6	0.02	3.35	0
CO681	CO610	1.92	3 1-	4ACSR	0	0	2040	173	31	4	3	0.00	3.35	0
CO682	CO681	1.94	2 1-	4ACSR	0	0	2013	173	22	3	2	0.00	3.35	0
CO612	CO610	1.92	4 1-	4ACSR	0	0	2030	173	19	2	2	0.00	3.35	0
CO613	CO612	1.94	1 1-	4ACSR	0	0	2003	173	3	0	0	0.00	3.35	0
CO611	CO610	1.96	1 1-	4ACSR	0	0	1987	173	13	1	1	0.00	3.35	0
CO842	CO8192	1.65	741 3-	4/0ACSR	3030	2819	2430	176	4280	195	58	0.10	3.35	592
CO870	CO842	1.74	0 1-	4ACSR	0	0	2272	175	0	0	0	0.00	3.35	0
CO1004	CO842	1.71	741 3-	4/0ACSR	2963	2755	2366	176	4277	195	58	0.11	3.47	681
CO1005	CO1004	1.75	741 3-	4/0ACSR	2923	2718	2329	175	4274	195	58	0.07	3.53	414
CO871	CO1005	1.83	3 1-	4ACSR	0	0	2211	175	20	2	2	0.00	3.54	0
OC-1221796160	CO871	1.83	0 1-	20 N FUSE	0	0	2211	175	0	0	0	0.00	3.54	0
CO995	CO1005	1.78	528 3-	4/0ACSR	2889	2685	2297	175	2950	134	40	0.04	3.57	173
CO996	CO995	1.83	526 3-	4/0ACSR	2842	2640	2252	175	2942	134	40	0.06	3.63	245
CO997	CO996	1.87	525 3-	4/0ACSR	2806	2606	2219	175	2918	133	39	0.04	3.67	192
CO998	CO997	1.92	525 3-	4/0ACSR	2756	2560	2173	175	2917	133	39	0.06	3.73	267
CO884	CO998	1.96	0 1-	4ACSR	0	0	2121	175	0	0	0	0.00	3.73	0
OC-1295911883	CO884	1.96	0 1-	20 N FUSE	0	0	2121	175	0	0	0	0.00	3.73	0
CO840	CO998	1.96	525 3-	4/0ACSR	2722	2527	2141	175	2916	133	39	0.04	3.78	194
CO1000	CO840	2.03	1 1-	4ACSR	0	0	2044	174	9	1	1	0.00	3.78	0
OC-249955985	CO1000	2.03	1 1-	20 N FUSE	0	0	2044	174	9	1	6	0.00	3.78	0
CO885	OC-249955985	2.11	1 1-	4ACSR	0	0	1950	173	9	1	1	0.00	3.79	0
CO1001	OC-249955985	2.07	0 1-	4ACSR	0	0	1992	174	0	0	0	0.00	3.78	0
CO999	CO840	2.02	524 3-	4/0ACSR	2670	2478	2094	175	2906	132	39	0.07	3.85	296
CO8201	CO999	2.15	522 3-	4/0ACSR	2557	2372	1992	174	2882	131	39	0.16	4.00	676
CO3074	CO8201	2.16	498 3-	4/0ACSR	2547	2363	1983	174	2754	126	37	0.01	4.02	55
CO3193	CO3074	2.20	5 1-	4ACSR	0	0	1942	174	23	3	2	0.00	4.02	0
CO3215	CO3193	2.23	3 1-	2ACSR	0	0	1916	174	1	0	0	0.00	4.02	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO3073	CO3074	2.24	493 3-	4/0ACSR	2489	2309	1931	174	2730	124	37	0.08	4.10	336
CO3134	CO3073	2.27	2 1-	4ACSR	0	0	1900	174	8	1	1	0.00	4.10	0
OC1432116787	CO3134	2.27	0 1-	20 N FUSE	0	0	1900	174	0	0	0	0.00	4.10	0
CO3030	CO3073	2.27	491 3-	4/0ACSR	2468	2289	1912	174	2721	124	37	0.03	4.13	127
CO3035	CO3030	2.27	0 3-	4/0ACSR	2463	2285	1908	174	0	-14	4	0.00	4.13	0
CA53	CO3035	2.27	0 3-	Capacitor	2463	2285	1908	174	0	-14	0	0.00	4.13	0
CO3031	CO3030	2.30	71 2-	4ACSR	0	2247	1871	174	358	25	18	0.04	4.17	22
OC-1136750302	CO3031	2.30	0 2-	20 N FUSE	0	2247	1871	174	0	0	0	0.00	4.17	0
CO3032	CO3031	2.34	42 1-	4ACSR	0	0	1831	173	237	33	24	0.06	4.23	22
CO3033	CO3032	2.40	34 1-	4ACSR	0	0	1768	173	198	27	20	0.07	4.30	22
CO3135	CO3033	2.46	6 1-	4ACSR	0	0	1713	172	25	3	3	0.00	4.30	0
CO3034	CO3033	2.45	23 1-	4ACSR	0	0	1722	172	146	20	15	0.04	4.34	11
CO3261	CO3034	2.50	16 1-	4ACSR	0	0	1673	171	113	15	11	0.03	4.37	5
CO3262	CO3261	2.52	12 1-	4ACSR	0	0	1655	171	82	11	8	0.01	4.38	0
CO3265	CO3262	2.57	8 1-	4ACSR	0	0	1617	171	62	8	6	0.02	4.40	0
CO3268	CO3265	2.68	2 1-	4ACSR	0	0	1522	170	30	4	3	0.02	4.42	0
CO3269	CO3268	2.70	2 1-	4ACSR	0	0	1506	169	30	4	3	0.00	4.42	0
CO3266	CO3265	2.64	3 1-	4ACSR	0	0	1558	170	19	2	2	0.01	4.41	0
CO3267	CO3266	2.65	3 1-	4ACSR	0	0	1544	170	19	2	2	0.00	4.41	0
CO3263	CO3262	2.55	4 1-	4ACSR	0	0	1634	171	20	2	2	0.00	4.39	0
CO3264	CO3263	2.57	2 1-	4ACSR	0	0	1611	171	12	1	1	0.00	4.39	0
CO3259	CO3034	2.48	7 1-	4ACSR	0	0	1691	172	32	4	3	0.01	4.35	0
CO3260	CO3259	2.51	4 1-	4ACSR	0	0	1669	171	18	2	2	0.00	4.35	0
CO3253	CO3032	2.37	8 1-	4ACSR	0	0	1801	173	39	5	4	0.00	4.23	0
CO3254	CO3253	2.39	0 1-	4ACSR	0	0	1777	173	0	0	0	0.00	4.23	0
CO3255	CO3031	2.34	25 1-	4ACSR	0	0	1828	173	90	12	9	0.02	4.19	3
CO3256	CO3255	2.37	16 1-	4ACSR	0	0	1805	173	66	9	7	0.01	4.20	0
CO3257	CO3256	2.43	16 1-	4ACSR	0	0	1743	172	66	9	7	0.02	4.22	2
CO3258	CO3257	2.47	13 1-	4ACSR	0	0	1701	172	54	7	5	0.01	4.23	0
CO3829	CO3258	2.53	2 1-	4ACSR	0	0	1652	171	12	1	1	0.00	4.23	0
CO3830	CO3829	2.53	0 1-	4ACSR	0	0	1646	171	0	0	0	0.00	4.23	0
CO30690	CO3030	2.28	417 3-	4/0ACSR	2459	2281	1904	174	2353	109	32	0.01	4.14	42
CO3139	CO30690	2.32	1 1-	4ACSR	0	0	1863	174	8	1	1	0.00	4.14	0
OC2053195969	CO3139	2.32	0 1-	20 N FUSE	0	0	1863	174	0	0	0	0.00	4.14	0
CO3138	CO30690	2.33	0 1-	4ACSR	0	0	1853	173	0	0	0	0.00	4.14	0
OC-767975413	CO3138	2.33	0 1-	20 N FUSE	0	0	1853	173	0	0	0	0.00	4.14	0
CO3270	CO30690	2.32	413 3-	4/0ACSR	2431	2254	1879	174	2318	108	32	0.04	4.18	129
CO3271	CO3270	2.38	412 3-	4/0ACSR	2388	2214	1842	174	2313	107	32	0.06	4.25	202
CO3272	CO3271	2.42	412 3-	4/0ACSR	2362	2190	1819	174	2312	107	32	0.04	4.29	127
CO3070	CO3272	2.48	43 3-	4ACSR	2279	2121	1751	173	234	10	8	0.03	4.32	12
OC1685544886	CO3070	2.48	26 3-	20 N FUSE	2279	2121	1751	173	165	7	38	0.00	4.32	0
CO3071	OC1685544886	2.53	26 3-	4ACSR	2231	2081	1712	172	165	7	5	0.01	4.33	3
CO3798	CO3071	2.57	25 3-	#4 ACSR 6/1	2180	2038	1671	172	163	7	5	0.01	4.35	4
CO3222	CO3798	2.59	16 1-	2ACSR	0	0	1657	172	124	17	10	0.01	4.36	0
CO3298	CO3222	2.68	16 1-	1/0PRIURD	0	0	1605	416	124	17	12	0.03	4.39	6
CO3299	CO3298	2.73	13 1-	1/0PRIURD	0	0	1582	414	116	16	11	0.01	4.40	2
CO3301	CO3299	2.74	10 1-	1/0PRIURD	0	0	1572	414	94	13	9	0.00	4.41	0
CO3302	CO3301	2.82	8 1-	1/0PRIURD	0	0	1534	411	77	10	7	0.02	4.42	0
CO3303	CO3302	2.91	7 1-	1/0PRIURD	0	0	1488	408	74	10	7	0.02	4.44	0
CO3304	CO3303	2.99	5 1-	1/0PRIURD	0	0	1454	406	41	5	4	0.01	4.45	0
CO3305	CO3304	3.03	4 1-	1/0PRIURD	0	0	1437	405	40	5	4	0.00	4.45	0
CO3221	CO3305	3.10	1 1-	1/0PRIURD	0	0	1407	403	11	1	1	0.00	4.46	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-239806078	CO3305	3.06	3 1-	1/0PRIURD	0	0	1427	404	29	3	3	0.00	4.46	0
CO-1562382240	CO-239806078	3.06	1 1-	1/0PRIURD	0	0	1423	403	13	1	1	0.00	4.46	0
CO3306	CO-239806078	3.11	2 1-	1/0PRIURD	0	0	1402	402	16	2	1	0.00	4.46	0
CO3307	CO3306	3.24	1 1-	1/0PRIURD	0	0	1350	398	7	1	1	0.00	4.46	0
CO3308	CO3307	3.26	0 1-	1/0PRIURD	0	0	1342	397	0	0	0	0.00	4.46	0
CO3300	CO3299	2.82	1 1-	1/0PRIURD	0	0	1535	411	7	0	1	0.00	4.40	0
CO3797	CO3798	2.58	9 1-	1/0PRIURD	0	0	1670	419	38	5	4	0.00	4.35	0
CO3796	CO3797	2.59	9 1-	1/0PRIURD	0	0	1667	419	38	5	4	0.00	4.35	0
CO3297	CO3796	2.60	9 1-	1/0PRIURD	0	0	1665	419	38	5	4	0.00	4.35	0
CO3296	CO3297	2.65	7 1-	1/0PRIURD	0	0	1652	418	33	4	3	0.00	4.35	0
CO3295	CO3296	2.69	5 1-	1/0PRIURD	0	0	1643	417	30	4	3	0.00	4.35	0
CO3294	CO3295	2.74	2 1-	1/0PRIURD	0	0	1632	416	11	1	1	0.00	4.35	0
CO3293	CO3294	2.80	1 1-	1/0PRIURD	0	0	1618	414	4	0	0	0.00	4.35	0
CO3292	CO3293	2.83	0 1-	1/0PRIURD	0	0	1611	413	0	0	0	0.00	4.35	0
CO3291	CO3292	2.88	0 1-	1/0PRIURD	0	0	1600	412	0	0	0	0.00	4.35	0
CO-230378754	CO3291	2.89	0 1-	1/0PRIURD	0	0	1597	412	0	0	0	0.00	4.35	0
CO3081	CO3070	2.52	17 1-	750 MCM - 42 wi	0	0	1739	173	69	9	1	0.00	4.32	0
CO3281	CO3081	2.54	17 1-	1/0PRIURD	0	0	1734	425	69	9	6	0.00	4.32	0
CO3282	CO3281	2.58	16 1-	1/0PRIURD	0	0	1723	424	66	9	6	0.01	4.33	0
CO3283	CO3282	2.59	15 1-	1/0PRIURD	0	0	1721	423	47	6	4	0.00	4.33	0
CO3284	CO3283	2.65	13 1-	1/0PRIURD	0	0	1708	422	45	6	4	0.00	4.34	0
CO3285	CO3284	2.66	8 1-	1/0PRIURD	0	0	1704	422	30	4	3	0.00	4.34	0
CO3286	CO3285	2.70	8 1-	1/0PRIURD	0	0	1696	421	30	4	3	0.00	4.34	0
CO3287	CO3286	2.73	6 1-	1/0PRIURD	0	0	1688	420	22	3	2	0.00	4.34	0
CO3288	CO3287	2.75	6 1-	1/0PRIURD	0	0	1681	419	22	3	2	0.00	4.34	0
CO3289	CO3288	2.79	5 1-	1/0PRIURD	0	0	1674	419	20	2	2	0.00	4.34	0
CO3290	CO3289	2.81	4 1-	1/0PRIURD	0	0	1667	418	6	0	1	0.00	4.34	0
CO3274	CO3272	2.45	7 1-	4ACSR	0	0	1781	173	24	3	2	0.00	4.29	0
OC-1053120301	CO3274	2.45	5 1-	20 N FUSE	0	0	1781	173	13	1	9	0.00	4.29	0
CO3137	OC-1053120301	2.50	3 1-	4/0ACSR	0	0	1754	173	6	0	0	0.00	4.29	0
CO3275	OC-1053120301	2.47	2 1-	4ACSR	0	0	1762	173	7	0	1	0.00	4.30	0
CO3278	CO3275	2.50	1 1-	4ACSR	0	0	1735	173	5	0	0	0.00	4.30	0
CO3279	CO3278	2.53	1 1-	4ACSR	0	0	1709	172	5	0	0	0.00	4.30	0
CO3280	CO3279	2.56	0 1-	4ACSR	0	0	1683	172	0	0	0	0.00	4.30	0
CO3276	CO3275	2.57	1 1-	4ACSR	0	0	1674	172	2	0	0	0.00	4.30	0
CO3277	CO3276	2.67	1 1-	4ACSR	0	0	1584	171	2	0	0	0.00	4.30	0
CO3273	CO3272	2.45	362 3-	4/0ACSR	2338	2168	1798	173	2054	95	28	0.03	4.32	91
CO3056	CO3273	2.46	362 3-	4/0ACSR	2329	2159	1790	173	2053	95	28	0.01	4.34	39
CO3314	CO3056	2.49	362 3-	4/0ACSR	2311	2143	1775	173	2053	95	28	0.02	4.36	69
CO3315	CO3314	2.54	360 3-	4/0ACSR	2281	2115	1749	173	2045	95	28	0.04	4.41	121
CO3316	CO3315	2.57	359 3-	4/0ACSR	2258	2093	1728	173	2043	95	28	0.04	4.44	99
CO3317	CO3316	2.64	338 3-	4/0ACSR	2221	2058	1696	173	2003	93	28	0.06	4.50	153
CO3141	CO3317	2.65	3 1-	4ACSR	0	0	1683	173	6	0	1	0.00	4.50	0
OC26867483	CO3141	2.65	0 1-	20 N FUSE	0	0	1683	173	0	0	0	0.00	4.50	0
CO3079	CO3317	2.65	10 1-	4ACSR	0	0	1680	173	45	6	4	0.01	4.50	0
OC-1275291108	CO3079	2.65	10 1-	20 N FUSE	0	0	1680	173	45	6	31	0.00	4.50	0
CO3165	OC-1275291108	2.70	2 1-	1/0PRIURD	0	0	1656	423	10	1	1	0.00	4.50	0
CO3055	OC-1275291108	2.72	8 1-	1/0PRIURD	0	0	1643	422	35	4	3	0.01	4.51	0
CO3318	CO3055	2.76	7 1-	1/0PRIURD	0	0	1618	421	33	4	3	0.00	4.51	0
CO3319	CO3318	2.79	7 1-	1/0PRIURD	0	0	1606	420	33	4	3	0.00	4.52	0
CO3321	CO3319	2.92	5 1-	1/0PRIURD	0	0	1537	415	21	2	2	0.01	4.52	0
CO-1854361613	CO3321	3.00	1 1-	1/0PRIURD	0	0	1509	413	8	1	1	0.00	4.52	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3322	CO3321	3.05	1 1-	1/0PRIURD	0	0	1475	411	6	0	1	0.00	4.53	0
CO3320	CO3319	2.83	2 1-	1/0PRIURD	0	0	1582	418	12	1	1	0.00	4.52	0
CO3036	CO3317	2.70	324 3-	4/0ACSR	2184	2024	1665	173	1950	91	27	0.06	4.55	145
CO3140	CO3036	2.80	2 1-	4ACSR	0	0	1577	172	7	0	1	0.00	4.56	0
OC1527114888	CO3140	2.80	0 1-	20 N FUSE	0	0	1577	172	0	0	0	0.00	4.56	0
CO3037	CO3036	2.85	322 3-	4/0ACSR	2099	1945	1592	172	1942	90	27	0.14	4.69	360
CO3800	CO3037	2.85	236 3-	4/0ACSR	2095	1942	1589	172	1376	64	19	0.00	4.70	8
OC947	CO3800	2.85	236 3-	NoDevice	2095	1942	1589	172	1376	64	0	0.00	4.70	0
CO3801	OC947	2.89	236 3-	4/0ACSR	2079	1926	1575	172	1376	64	19	0.02	4.72	37
CO3038	CO3801	2.96	152 3-	4/0ACSR	2039	1889	1542	172	903	42	12	0.03	4.75	39
CO3405	CO3038	3.00	2 1-	4ACSR	0	0	1514	172	78	10	8	0.02	4.77	2
CO3406	CO3405	3.02	2 1-	4ACSR	0	0	1501	171	78	10	8	0.00	4.77	0
CO3039	CO3038	3.06	150 3-	4/0ACSR	1992	1845	1502	172	825	38	11	0.04	4.78	41
CO3047	CO3039	3.09	14 1-	4ACSR	0	0	1476	171	94	13	9	0.02	4.81	3
CO3407	CO3047	3.11	1 1-	4ACSR	0	0	1463	171	3	0	0	0.00	4.81	0
CO3408	CO3407	3.19	1 1-	4ACSR	0	0	1413	170	3	0	0	0.00	4.81	0
CO3048	CO3047	3.15	11 1-	4ACSR	0	0	1438	171	78	10	8	0.03	4.83	4
CO3411	CO3048	3.22	8 1-	4ACSR	0	0	1392	170	51	7	5	0.02	4.85	0
CO3412	CO3411	3.25	7 1-	4ACSR	0	0	1377	170	38	5	4	0.01	4.86	0
CO3413	CO3412	3.29	7 1-	4ACSR	0	0	1349	169	38	5	4	0.01	4.87	0
CO3414	CO3413	3.33	5 1-	4ACSR	0	0	1327	169	24	3	2	0.00	4.87	0
CO3224	CO3414	3.37	1 1-	2ACSR	0	0	1310	169	4	0	0	0.00	4.87	0
CO3415	CO3414	3.37	1 1-	4ACSR	0	0	1304	168	4	0	0	0.00	4.87	0
CO3416	CO3415	3.42	1 1-	4ACSR	0	0	1278	168	4	0	0	0.00	4.87	0
CO3409	CO3048	3.17	3 1-	4ACSR	0	0	1427	171	27	3	3	0.00	4.84	0
CO3410	CO3409	3.23	1 1-	4ACSR	0	0	1389	170	6	0	1	0.00	4.84	0
CO3040	CO3039	3.13	136 3-	4/0ACSR	1956	1812	1472	172	731	34	10	0.03	4.81	26
CO3152	CO3040	3.19	1 1-	4ACSR	0	0	1434	171	3	0	0	0.00	4.81	0
OC759771043	CO3152	3.19	0 1-	20 N FUSE	0	0	1434	171	0	0	0	0.00	4.81	0
CO3076	CO3040	3.21	115 3-	1/0ACSR	1909	1770	1434	171	629	29	13	0.04	4.85	40
CO3194	CO3076	3.25	0 1-	4ACSR	0	0	1410	171	0	0	0	0.00	4.85	0
CO3075	CO3076	3.30	114 3-	1/0ACSR	1859	1724	1393	171	629	29	13	0.05	4.90	45
CO3151	CO3075	3.34	2 1-	4ACSR	0	0	1370	170	5	0	1	0.00	4.90	0
OC-332723472	CO3151	3.34	0 1-	20 N FUSE	0	0	1370	170	0	0	0	0.00	4.90	0
CO3419	CO3075	3.31	112 3-	1/0ACSR	1852	1718	1388	171	623	29	13	0.01	4.91	6
CO3420	CO3419	3.37	111 3-	1/0ACSR	1824	1693	1365	170	622	29	13	0.03	4.93	26
CO3421	CO3420	3.40	111 3-	1/0ACSR	1809	1679	1353	170	622	29	13	0.01	4.95	14
CO3153	CO3421	3.47	1 1-	4ACSR	0	0	1310	169	5	0	0	0.00	4.95	0
OC-104346431	CO3153	3.47	0 1-	20 N FUSE	0	0	1310	169	0	0	0	0.00	4.95	0
CO3806	CO3421	3.40	110 3-	1/0ACSR	1805	1676	1350	170	617	29	13	0.00	4.95	3
OC106	CO3806	3.40	110 3-	70 L OCR	1805	1676	1350	170	617	29	41	0.00	4.95	0
CO3807	OC106	3.81	110 3-	1/0ACSR	1618	1507	1202	168	617	29	13	0.20	5.15	193
CO3422	CO3807	3.85	109 3-	1/0ACSR	1601	1491	1188	168	614	28	13	0.02	5.18	20
CO3057	CO3422	3.91	52 1-	4ACSR	0	0	1161	167	315	44	32	0.12	5.30	63
CO3168	CO3057	3.95	2 1-	4ACSR	0	0	1143	167	18	2	2	0.00	5.30	0
CO3058	CO3057	4.03	46 1-	4ACSR	0	0	1111	166	257	36	26	0.19	5.49	83
OC-2090373536	CO3058	4.03	45 1-	20 N FUSE	0	0	1111	166	254	35	179	0.00	5.49	0
CO3170	OC-2090373536	4.04	0 1-	4ACSR	0	0	1103	166	0	0	0	0.00	5.49	0
CO3169	OC-2090373536	4.06	1 1-	4ACSR	0	0	1096	166	6	0	1	0.00	5.49	0
CO3452	OC-2090373536	4.14	44 1-	4ACSR	0	0	1065	165	248	35	25	0.18	5.67	73
CO3453	CO3452	4.19	43 1-	4ACSR	0	0	1045	165	239	33	24	0.08	5.75	32
CO3454	CO3453	4.22	43 1-	4ACSR	0	0	1036	164	239	33	24	0.04	5.79	15

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3455	CO3454	4.30	43 1-	4ACSR	0	0	1006	163	239	33	24	0.13	5.91	51
CO3059	CO3455	4.39	41 1-	4ACSR	0	0	974	163	227	32	23	0.14	6.05	53
CO3176	CO3059	4.43	1 1-	4ACSR	0	0	962	162	16	2	2	0.00	6.06	0
CO3060	CO3059	4.46	40 1-	4ACSR	0	0	951	162	212	30	21	0.10	6.15	34
CO3173	CO3060	4.55	0 1-	4ACSR	0	0	925	161	0	0	0	0.00	6.15	0
CO3061	CO3060	4.65	35 1-	4ACSR	0	0	893	160	190	27	19	0.23	6.38	74
CO3172	CO3061	4.75	2 1-	4ACSR	0	0	867	159	14	1	1	0.01	6.39	0
CO2084320906	CO3172	4.78	1 1-	2ACSR	0	0	860	159	7	0	1	0.00	6.39	0
CO8239	CO3061	4.99	32 1-	4ACSR	0	0	805	157	174	24	18	0.38	6.77	111
CO2849	CO8239	5.13	0 1-	4ACSR	0	0	772	156	0	0	0	0.00	6.77	0
CO2641	CO2849	5.47	0 1-	4ACSR	0	0	705	153	0	0	0	0.00	6.77	0
CO2401	CO8239	5.10	32 1-	4ACSR	0	0	780	156	173	24	18	0.12	6.89	35
CO2527	CO2401	5.17	32 1-	4ACSR	0	0	764	155	173	24	18	0.08	6.97	23
OC1802725673	CO2527	5.17	32 1-	20 N FUSE	0	0	764	155	173	24	124	0.00	6.97	0
CO2526	OC1802725673	5.31	32 1-	4ACSR	0	0	736	154	173	24	18	0.15	7.12	44
CO2528	CO2526	5.43	31 1-	4ACSR	0	0	712	153	168	24	17	0.14	7.25	38
CO2440	CO2528	5.49	2 1-	4ACSR	0	0	701	152	12	1	1	0.00	7.26	0
CO2396	CO2528	5.51	29 1-	4ACSR	0	0	696	152	156	22	16	0.08	7.34	22
CO2530	CO2396	5.99	26 1-	4ACSR	0	0	619	148	146	21	15	0.45	7.79	112
CO2529	CO2530	6.07	26 1-	4ACSR	0	0	607	148	146	21	15	0.08	7.87	19
CO2531	CO2529	6.10	25 1-	4ACSR	0	0	602	147	142	20	15	0.03	7.90	8
CO2532	CO2531	6.15	25 1-	4ACSR	0	0	596	147	142	20	15	0.04	7.94	9
CO2533	CO2532	6.21	25 1-	4ACSR	0	0	588	146	142	20	15	0.06	8.00	14
CO2538	CO2533	6.29	24 1-	4ACSR	0	0	577	146	142	20	15	0.08	8.08	19
CO2537	CO2538	6.37	24 1-	4ACSR	0	0	568	145	142	20	15	0.07	8.15	16
CO2535	CO2537	6.44	24 1-	4ACSR	0	0	560	145	142	20	15	0.06	8.21	15
CO2534	CO2535	6.52	22 1-	4ACSR	0	0	549	144	132	19	14	0.07	8.28	16
CO2536	CO2534	6.58	21 1-	4ACSR	0	0	543	143	118	17	12	0.04	8.33	8
CO2637	CO2536	6.63	18 1-	4ACSR	0	0	537	143	99	14	10	0.03	8.36	6
CO2636	CO2637	6.67	18 1-	4ACSR	0	0	532	143	99	14	10	0.03	8.39	5
CO2771	CO2636	6.72	1 1-	4ACSR	0	0	527	142	0	0	0	0.00	8.39	0
CO2770	CO2771	6.79	0 1-	4ACSR	0	0	520	142	0	0	0	0.00	8.39	0
CO2639	CO2636	6.72	17 1-	4ACSR	0	0	527	142	99	14	10	0.03	8.42	5
CO2638	CO2639	6.81	16 1-	4ACSR	0	0	517	142	89	12	9	0.05	8.47	8
CO2640	CO2638	7.00	15 1-	4ACSR	0	0	498	140	89	12	9	0.11	8.58	17
CO2473	CO2640	7.09	1 1-	4ACSR	0	0	490	140	9	1	1	0.00	8.59	0
CO2411	CO2640	7.10	13 1-	4ACSR	0	0	489	140	78	11	8	0.05	8.63	6
OC-1809275652	CO2411	7.10	13 1-	20 N FUSE	0	0	489	140	78	11	56	0.00	8.63	0
CO2412	OC-1809275652	7.19	12 1-	4ACSR	0	0	481	139	73	10	8	0.05	8.68	6
CO2476	CO2412	7.27	1 1-	4ACSR	0	0	474	138	5	0	1	0.00	8.68	0
CO2644	CO2412	7.26	11 1-	4ACSR	0	0	475	138	68	9	7	0.03	8.70	3
CO2643	CO2644	7.29	10 1-	4ACSR	0	0	472	138	56	8	6	0.01	8.71	0
CO2642	CO2643	7.48	10 1-	4ACSR	0	0	457	137	56	8	6	0.06	8.77	5
CO2645	CO2642	7.51	8 1-	4ACSR	0	0	454	137	41	5	4	0.01	8.78	0
CO2646	CO2645	7.57	7 1-	4ACSR	0	0	449	136	39	5	4	0.02	8.80	0
CO2492	CO2646	7.63	2 1-	4ACSR	0	0	444	136	12	1	1	0.00	8.80	0
CO8383	CO2646	7.67	3 1-	4ACSR	0	0	442	135	18	2	2	0.01	8.81	0
CO1957	CO8383	7.70	3 1-	4ACSR	0	0	439	135	18	2	2	0.00	8.81	0
CO1698	CO1957	7.73	2 1-	4ACSR	0	0	437	135	9	1	1	0.00	8.81	0
CO1795	CO1698	7.77	0 1-	4ACSR	0	0	434	135	0	0	0	0.00	8.81	0
CO1794	CO1795	7.87	0 1-	4ACSR	0	0	427	134	0	0	0	0.00	8.81	0
CO2024	CO1794	7.96	0 1-	4ACSR	0	0	420	133	0	0	0	0.00	8.81	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2023	CO2024	7.96	0 1-	4ACSR	0	0	420	133	0	0	0	0.00	8.81	0
CO1616	CO1698	7.79	1 1-	4ACSR	0	0	433	135	9	1	1	0.00	8.82	0
CO2772	CO2646	7.62	1 1-	4ACSR	0	0	445	136	0	0	0	0.00	8.80	0
CO2776	CO2772	7.64	1 1-	4ACSR	0	0	443	136	0	0	0	0.00	8.80	0
CO2773	CO2776	7.70	0 1-	4ACSR	0	0	439	135	0	0	0	0.00	8.80	0
CO2775	CO2773	7.80	0 1-	4ACSR	0	0	432	135	0	0	0	0.00	8.80	0
CO2774	CO2775	7.86	0 1-	4ACSR	0	0	428	134	0	0	0	0.00	8.80	0
CO2769	OC-1809275652	7.19	1 1-	4ACSR	0	0	481	139	5	0	1	0.00	8.63	0
CO2474	CO2769	7.25	0 1-	4ACSR	0	0	475	138	0	0	0	0.00	8.63	0
CO2768	CO2769	7.25	1 1-	4ACSR	0	0	475	138	5	0	1	0.00	8.64	0
CO2780	CO2536	6.71	3 1-	2ACSR	0	0	531	143	19	2	2	0.01	8.34	0
CO2779	CO2780	6.73	3 1-	2ACSR	0	0	530	143	19	2	2	0.00	8.34	0
CO2786	CO2779	6.83	1 1-	2ACSR	0	0	522	142	5	0	0	0.00	8.34	0
CO2783	CO2786	6.87	1 1-	2ACSR	0	0	518	142	5	0	0	0.00	8.34	0
CO2785	CO2783	6.93	1 1-	2ACSR	0	0	514	142	5	0	0	0.00	8.34	0
CO2784	CO2785	6.98	1 1-	2ACSR	0	0	510	141	5	0	0	0.00	8.34	0
CO2781	CO2779	6.77	1 1-	2ACSR	0	0	526	142	8	1	1	0.00	8.34	0
CO2441	CO2396	5.57	2 1-	4ACSR	0	0	686	152	7	0	1	0.00	7.34	0
CO8254	CO2401	5.22	0 1-	4ACSR	0	0	754	155	0	0	0	0.00	6.89	0
CO3458	CO3060	4.50	5 1-	4ACSR	0	0	939	161	21	2	2	0.00	6.16	0
CO3175	CO3458	4.55	1 1-	4ACSR	0	0	925	161	13	1	1	0.00	6.16	0
CO3174	CO3458	4.59	0 1-	4ACSR	0	0	911	161	0	0	0	0.00	6.16	0
CO3459	CO3458	4.59	3 1-	4ACSR	0	0	911	161	8	1	1	0.00	6.16	0
CO3460	CO3459	4.63	1 1-	4ACSR	0	0	900	160	7	1	1	0.00	6.16	0
CO3456	CO3455	4.38	2 1-	4ACSR	0	0	978	163	12	1	1	0.01	5.92	0
CO3457	CO3456	4.48	1 1-	4ACSR	0	0	947	162	12	1	1	0.00	5.92	0
CO3446	CO3057	3.95	4 1-	4ACSR	0	0	1141	167	40	5	4	0.01	5.31	0
CO3447	CO3446	4.05	3 1-	4ACSR	0	0	1101	166	32	4	3	0.02	5.32	0
CO3450	CO3447	4.14	1 1-	4ACSR	0	0	1063	165	9	1	1	0.01	5.33	0
CO3451	CO3450	4.19	1 1-	4ACSR	0	0	1045	165	9	1	1	0.00	5.33	0
CO3448	CO3447	4.07	1 1-	4ACSR	0	0	1091	166	12	1	1	0.00	5.32	0
CO3449	CO3448	4.13	1 1-	4ACSR	0	0	1068	165	12	1	1	0.00	5.33	0
CO3423	CO3422	3.97	56 1-	4ACSR	0	0	1132	167	291	41	29	0.23	5.40	107
CO3424	CO3423	3.99	54 1-	4ACSR	0	0	1125	167	270	38	27	0.03	5.43	13
CO3425	CO3424	4.01	54 1-	4ACSR	0	0	1118	166	270	38	27	0.03	5.46	14
CO3426	CO3425	4.04	53 1-	4ACSR	0	0	1106	166	267	37	27	0.05	5.51	22
CO3427	CO3426	4.07	51 1-	4ACSR	0	0	1094	166	260	36	26	0.05	5.56	21
CO3166	CO3427	4.10	2 1-	4ACSR	0	0	1079	165	8	1	1	0.00	5.56	0
CO3428	CO3427	4.08	49 1-	4ACSR	0	0	1090	166	253	35	26	0.02	5.57	6
CO3429	CO3428	4.10	47 1-	4ACSR	0	0	1079	165	241	34	24	0.04	5.62	17
OC1693866320	CO3429	4.10	45 1-	20 N FUSE	0	0	1079	165	239	33	169	0.00	5.62	0
CO3430	OC1693866320	4.11	45 1-	4ACSR	0	0	1075	165	239	33	24	0.02	5.63	6
CO3167	CO3430	4.14	1 1-	4ACSR	0	0	1064	165	6	0	1	0.00	5.63	0
CO3431	CO3430	4.14	44 1-	4ACSR	0	0	1066	165	232	32	24	0.04	5.67	13
CO3432	CO3431	4.19	42 1-	4ACSR	0	0	1046	165	227	32	23	0.07	5.74	28
CO3435	CO3432	4.25	32 1-	4ACSR	0	0	1025	164	192	27	19	0.07	5.81	22
CO1055143962	CO3435	4.27	4 1-	2ACSR	0	0	1019	164	23	3	2	0.00	5.81	0
CO3436	CO3435	4.36	27 1-	4ACSR	0	0	985	163	167	23	17	0.12	5.93	32
CO3440	CO3436	4.42	24 1-	4ACSR	0	0	963	162	122	17	12	0.05	5.98	11
CO3441	CO3440	4.48	24 1-	4ACSR	0	0	944	162	122	17	12	0.05	6.03	9
CO3442	CO3441	4.51	22 1-	4ACSR	0	0	936	161	115	16	12	0.02	6.05	4
CO3191	CO3442	4.53	0 1-	4ACSR	0	0	929	161	0	0	0	0.00	6.05	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3443	CO3442	4.56	22 1-	4ACSR	0	0	922	161	115	16	12	0.03	6.08	7
CO3444	CO3443	4.68	22 1-	4ACSR	0	0	885	160	115	16	12	0.09	6.18	18
CO3445	CO3444	4.81	22 1-	4ACSR	0	0	849	159	115	16	12	0.10	6.27	18
OC264682515	CO3445	4.81	22 1-	20 N FUSE	0	0	849	159	115	16	82	0.00	6.27	0
CO8258	OC264682515	5.03	22 1-	4ACSR	0	0	797	157	115	16	12	0.16	6.43	30
CO2460	CO8258	5.07	0 1-	4ACSR	0	0	786	156	0	0	0	0.00	6.43	0
CO2405	CO8258	5.14	22 1-	4ACSR	0	0	770	155	114	16	12	0.09	6.52	17
CO2625	CO2405	5.22	18 1-	4ACSR	0	0	755	155	104	14	11	0.05	6.57	8
CO2622	CO2625	5.38	17 1-	4ACSR	0	0	721	153	104	14	11	0.11	6.68	19
CO2624	CO2622	5.45	17 1-	4ACSR	0	0	707	153	104	14	11	0.05	6.73	8
CO2623	CO2624	5.64	17 1-	4ACSR	0	0	673	151	104	14	11	0.13	6.85	22
CO2627	CO2623	5.88	17 1-	4ACSR	0	0	635	149	104	14	11	0.16	7.01	26
CO2626	CO2627	5.90	16 1-	4ACSR	0	0	631	149	95	13	10	0.01	7.02	0
CO2630	CO2626	5.97	14 1-	4ACSR	0	0	621	148	83	11	9	0.04	7.06	5
CO2631	CO2630	6.07	14 1-	4ACSR	0	0	607	148	83	11	9	0.05	7.11	7
CO2629	CO2631	6.14	12 1-	4ACSR	0	0	597	147	78	11	8	0.04	7.15	5
CO2628	CO2629	6.21	12 1-	4ACSR	0	0	588	146	78	11	8	0.04	7.18	5
CO2633	CO2628	6.28	11 1-	4ACSR	0	0	579	146	69	9	7	0.03	7.22	4
CO2632	CO2633	6.38	11 1-	4ACSR	0	0	567	145	69	9	7	0.04	7.26	5
CO2466	CO2632	6.42	1 1-	4ACSR	0	0	561	145	15	2	1	0.00	7.26	0
CO2406	CO2632	6.42	10 1-	4ACSR	0	0	561	145	54	7	6	0.02	7.28	0
CO2635	CO2406	6.53	9 1-	4ACSR	0	0	548	144	48	6	5	0.03	7.31	3
CO2634	CO2635	6.62	9 1-	4ACSR	0	0	538	143	48	6	5	0.03	7.34	2
CO2407	CO2634	6.81	8 1-	4ACSR	0	0	517	142	45	6	5	0.06	7.39	4
CO2472	CO2407	6.91	1 1-	4ACSR	0	0	508	141	14	2	1	0.00	7.40	0
CO2408	CO2407	6.85	7 1-	4ACSR	0	0	514	141	31	4	3	0.01	7.40	0
CO2471	CO2408	6.97	1 1-	4ACSR	0	0	502	141	3	0	0	0.00	7.40	0
CO2409	CO2408	6.91	6 1-	4ACSR	0	0	508	141	28	3	3	0.01	7.41	0
CO2468	CO2409	6.97	1 1-	4ACSR	0	0	502	141	8	1	1	0.00	7.41	0
CO2410	CO2409	7.16	5 1-	4ACSR	0	0	484	139	20	2	2	0.03	7.44	0
CO2470	CO2410	7.22	1 1-	4ACSR	0	0	479	139	1	0	0	0.00	7.44	0
CO2469	CO2410	7.22	2 1-	4ACSR	0	0	479	139	4	0	0	0.00	7.44	0
CO2765	CO2410	7.23	2 1-	4ACSR	0	0	478	139	15	2	1	0.01	7.45	0
CO2767	CO2765	7.28	2 1-	4ACSR	0	0	473	138	15	2	1	0.00	7.45	0
CO2766	CO2767	7.42	1 1-	4ACSR	0	0	461	137	6	0	1	0.00	7.46	0
CO2764	CO2634	6.72	1 1-	4ACSR	0	0	527	142	2	0	0	0.00	7.34	0
CO2763	CO2764	6.81	1 1-	4ACSR	0	0	517	142	2	0	0	0.00	7.34	0
CO2467	CO2406	6.51	1 1-	4ACSR	0	0	551	144	7	0	1	0.00	7.28	0
CO2760	CO2632	6.42	0 1-	4ACSR	0	0	561	145	0	0	0	0.00	7.26	0
CO2762	CO2760	6.49	0 1-	4ACSR	0	0	552	144	0	0	0	0.00	7.26	0
CO2761	CO2762	6.61	0 1-	4ACSR	0	0	539	143	0	0	0	0.00	7.26	0
CO2491	CO2628	6.27	0 1-	2ACSR	0	0	582	146	0	0	0	0.00	7.18	0
CO2465	CO2628	6.27	1 1-	4ACSR	0	0	580	146	9	1	1	0.00	7.19	0
CO2801	CO2631	6.14	1 1-	4ACSR	0	0	597	147	3	0	0	0.00	7.11	0
CO2800	CO2801	6.20	1 1-	4ACSR	0	0	589	146	3	0	0	0.00	7.11	0
CO2464	CO2626	5.95	1 1-	4ACSR	0	0	624	149	6	0	1	0.00	7.02	0
CO2463	CO2626	5.94	0 1-	4ACSR	0	0	626	149	0	0	0	0.00	7.02	0
CO2462	CO2623	5.71	0 1-	4ACSR	0	0	661	151	0	0	0	0.00	6.85	0
CO2759	CO2623	5.74	0 1-	4ACSR	0	0	658	150	0	0	0	0.00	6.85	0
CO2758	CO2759	5.77	0 1-	4ACSR	0	0	652	150	0	0	0	0.00	6.85	0
CO2461	CO2405	5.21	2 1-	4ACSR	0	0	756	155	7	0	1	0.00	6.52	0
CO2757	CO2405	5.23	2 1-	4ACSR	0	0	752	155	4	0	0	0.00	6.52	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2756	CO2757	5.31	0 1-	4ACSR	0	0	735	154	0	0	0	0.00	6.52	0
CO3438	CO3436	4.43	2 1-	4ACSR	0	0	960	162	33	4	3	0.02	5.95	0
CO3198	CO3438	4.62	1 1-	2ACSR	0	0	913	161	18	2	1	0.01	5.95	0
CO3439	CO3438	4.47	1 1-	4ACSR	0	0	948	162	15	2	2	0.00	5.95	0
CO3437	CO3439	4.50	0 1-	4ACSR	0	0	939	161	0	0	0	0.00	5.95	0
CO3433	CO3432	4.23	10 1-	4ACSR	0	0	1031	164	35	4	4	0.01	5.75	0
CO3434	CO3433	4.26	6 1-	4ACSR	0	0	1021	164	24	3	2	0.00	5.75	0
CO3199	CO3434	4.30	2 1-	2ACSR	0	0	1010	164	13	1	1	0.00	5.75	0
CO3461	CO3040	3.22	18 3-	4/0ACSR	1914	1773	1437	171	92	4	1	0.00	4.81	0
CO3462	CO3461	3.28	17 3-	4/0ACSR	1887	1748	1414	171	85	4	1	0.00	4.82	0
CO3463	CO3462	3.30	17 3-	4/0ACSR	1878	1740	1407	171	85	4	1	0.00	4.82	0
CO3464	CO3463	3.33	14 3-	4/0ACSR	1865	1727	1396	171	76	3	1	0.00	4.82	0
CO3465	CO3464	3.36	14 3-	4/0ACSR	1855	1718	1388	171	76	3	1	0.00	4.82	0
CO3466	CO3465	3.38	13 3-	4/0ACSR	1846	1710	1381	171	71	3	1	0.00	4.82	0
CO3145	CO3466	3.43	1 1-	4ACSR	0	0	1348	170	13	1	1	0.00	4.82	0
OC1195476983	CO3145	3.43	0 1-	20 N FUSE	0	0	1348	170	0	0	0	0.00	4.82	0
CO3144	CO3466	3.43	1 1-	4ACSR	0	0	1348	170	11	1	1	0.00	4.82	0
CO3041	CO3466	3.44	7 3-	4/0ACSR	1819	1685	1358	171	34	1	0	0.00	4.82	0
CO3143	CO3041	3.49	1 1-	4ACSR	0	0	1332	170	10	1	1	0.00	4.82	0
OC364501441	CO3143	3.49	0 1-	20 N FUSE	0	0	1332	170	0	0	0	0.00	4.82	0
CO3042	CO3041	3.48	6 3-	4/0ACSR	1803	1670	1346	171	24	1	0	0.00	4.82	0
CO3044	CO3042	3.59	3 1-	4/0ACSR	0	0	1313	170	22	3	1	0.00	4.83	0
OC-1890007718	CO3044	3.59	2 1-	20 N FUSE	0	0	1313	170	21	2	15	0.00	4.83	0
CO3469	OC-1890007718	3.64	1 1-	4/0ACSR	0	0	1295	170	15	2	1	0.00	4.83	0
CO3470	CO3469	3.68	1 1-	4/0ACSR	0	0	1284	170	15	2	1	0.00	4.83	0
CO3471	CO3470	3.79	1 1-	4/0ACSR	0	0	1251	170	15	2	1	0.00	4.83	0
CO3467	OC-1890007718	3.81	1 1-	4ACSR	0	0	1198	168	6	0	1	0.01	4.83	0
CO3468	CO3467	3.85	1 1-	4ACSR	0	0	1180	167	6	0	1	0.00	4.84	0
CO3819	CO3042	3.49	0 3-	4/0ACSR	1801	1668	1343	171	0	0	0	0.00	4.82	0
SW89-A	CO3819	3.49	0 3-	Open	1801	1668	1343	171	0	0	0	0.00	4.82	0
CO3417	CO3040	3.16	2 1-	4/0ACSR	0	0	1461	171	7	0	0	0.00	4.81	0
OC678459799	CO3417	3.16	0 1-	20 N FUSE	0	0	1461	171	0	0	0	0.00	4.81	0
CO3418	OC678459799	3.20	0 1-	4/0ACSR	0	0	1446	171	0	0	0	0.00	4.81	0
CO3802	CO3801	2.89	80 1-	4ACSR	0	0	1570	172	460	64	46	0.02	4.74	15
OC105	CO3802	2.89	80 1-	50 L OCR	0	0	1570	172	460	64	0	0.00	4.74	0
CO3803	OC105	2.91	80 1-	4ACSR	0	0	1553	172	460	64	46	0.07	4.80	50
CO3324	CO3803	2.95	78 1-	4ACSR	0	0	1528	172	456	64	46	0.10	4.90	74
CO3164	CO3324	2.99	5 1-	750 MCM - 42 wi	0	0	1517	172	35	4	0	0.00	4.90	0
CO3831	CO3324	3.02	71 1-	4ACSR	0	0	1474	171	412	57	41	0.20	5.10	135
CO3832	CO3831	3.11	71 1-	4ACSR	0	0	1417	170	411	57	41	0.22	5.31	145
CO3327	CO3832	3.15	70 1-	4ACSR	0	0	1388	169	392	55	40	0.11	5.42	66
CO3328	CO3327	3.18	61 1-	4ACSR	0	0	1373	169	346	48	35	0.05	5.47	30
CO3051	CO3328	3.24	38 1-	4/0ACSR	0	0	1351	169	165	23	7	0.02	5.49	4
CO3804	CO3051	3.25	30 1-	4/0ACSR	0	0	1349	169	128	18	5	0.00	5.49	0
CO3805	CO3804	3.31	30 1-	4/0ACSR	0	0	1328	169	128	18	5	0.01	5.51	0
CO3358	CO3805	3.39	24 1-	4/0ACSR	0	0	1303	169	95	13	4	0.01	5.52	0
CO3052	CO3358	3.43	4 1-	4/0ACSR	0	0	1291	168	20	2	1	0.00	5.52	0
CO3348	CO3052	3.47	4 1-	4/0ACSR	0	0	1280	168	20	2	1	0.00	5.53	0
CO3351	CO3348	3.49	4 1-	4/0ACSR	0	0	1275	168	20	2	1	0.00	5.53	0
CO3352	CO3351	3.53	0 1-	4/0ACSR	0	0	1264	168	0	0	0	0.00	5.53	0
CO3353	CO3358	3.41	20 1-	4/0ACSR	0	0	1299	169	75	10	3	0.00	5.52	0
CO3356	CO3353	3.48	20 1-	4/0ACSR	0	0	1276	168	75	10	3	0.01	5.53	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3357	CO3356	3.53	8 1-	4/0ACSR	0	0	1262	168	39	5	2	0.00	5.54	0
CO3354	CO3357	3.59	5 1-	4/0ACSR	0	0	1246	168	23	3	1	0.00	5.54	0
CO3355	CO3354	3.62	2 1-	4/0ACSR	0	0	1236	168	12	1	1	0.00	5.54	0
CO38678675	CO3355	3.66	2 1-	2ACSR	0	0	1221	168	12	1	1	0.00	5.54	0
CO3359	CO3051	3.27	8 1-	4/0ACSR	0	0	1342	169	36	5	2	0.00	5.49	0
CO3360	CO3359	3.30	0 1-	4/0ACSR	0	0	1333	169	0	0	0	0.00	5.49	0
CO3049	CO3328	3.27	23 1-	4ACSR	0	0	1316	168	182	25	18	0.11	5.58	31
CO3050	CO3049	3.31	19 1-	4ACSR	0	0	1294	168	151	21	15	0.04	5.61	9
CO3346	CO3050	3.35	10 1-	4ACSR	0	0	1273	167	65	9	7	0.02	5.63	0
CO3347	CO3346	3.39	10 1-	4ACSR	0	0	1250	167	65	9	7	0.01	5.64	0
CO3345	CO3347	3.46	3 1-	4ACSR	0	0	1212	166	28	4	3	0.01	5.65	0
CO3341	CO3050	3.35	9 1-	4/0ACSR	0	0	1283	168	86	12	4	0.01	5.62	0
CO3342	CO3341	3.44	7 1-	4/0ACSR	0	0	1255	167	63	8	3	0.01	5.63	0
CO3343	CO3342	3.48	7 1-	4/0ACSR	0	0	1244	167	63	8	3	0.00	5.64	0
CO-1526601957	CO3343	3.50	3 1-	2ACSR	0	0	1233	167	27	3	2	0.00	5.64	0
CO2083371267	CO-1526601957	3.52	1 1-	2ACSR	0	0	1229	167	16	2	1	0.00	5.64	0
CO320394142	CO2083371267	3.55	1 1-	1/0PRIURD	0	0	1218	388	16	2	1	0.00	5.64	0
CO309534129	CO-1526601957	3.54	2 1-	2ACSR	0	0	1221	167	11	1	1	0.00	5.64	0
CO3210	CO309534129	3.57	2 1-	1/0PRIURD	0	0	1210	387	11	1	1	0.00	5.64	0
CO3344	CO3343	3.54	1 1-	4/0ACSR	0	0	1228	167	16	2	1	0.00	5.64	0
CO3339	CO3049	3.31	2 1-	4ACSR	0	0	1294	168	14	2	1	0.00	5.58	0
CO3340	CO3339	3.35	2 1-	4ACSR	0	0	1273	167	14	2	1	0.00	5.58	0
CO3325	CO3037	2.88	86 3-	4/0ACSR	2083	1930	1578	172	565	26	8	0.01	4.70	6
OC95	CO3325	2.88	85 3-	50 L OCR	2083	1930	1578	172	564	26	0	0.00	4.70	0
CO3326	OC95	2.91	85 3-	4/0ACSR	2064	1912	1562	172	564	26	8	0.01	4.71	7
CO3323	CO3326	2.99	85 3-	4/0ACSR	2025	1876	1530	172	564	26	8	0.02	4.73	15
CO3799	CO3323	3.00	84 3-	750 MCM - 42 wi	2023	1874	1528	172	561	26	2	0.00	4.73	0
CO3331	CO3799	3.03	46 1-	4/0ACSR	0	0	1513	172	352	49	15	0.02	4.75	10
CO3332	CO3331	3.11	46 1-	4/0ACSR	0	0	1483	172	352	49	15	0.05	4.80	22
CO3333	CO3332	3.14	42 1-	4/0ACSR	0	0	1468	172	333	46	14	0.02	4.83	10
CO3156	CO3333	3.19	2 1-	4/0ACSR	0	0	1450	171	6	0	0	0.00	4.83	0
CO3374	CO3333	3.22	37 1-	4/0ACSR	0	0	1439	171	321	45	13	0.05	4.87	19
CO3375	CO3374	3.26	37 1-	4/0ACSR	0	0	1425	171	321	45	13	0.02	4.89	9
CO3376	CO3375	3.28	36 1-	4/0ACSR	0	0	1418	171	317	44	13	0.01	4.91	5
CO3379	CO3376	3.31	1 1-	4/0ACSR	0	0	1408	171	5	0	0	0.00	4.91	0
CO3380	CO3379	3.33	1 1-	4/0ACSR	0	0	1398	171	5	0	0	0.00	4.91	0
CO3377	CO3376	3.33	35 1-	4ACSR	0	0	1383	171	312	43	31	0.11	5.02	56
CO3378	CO3377	3.39	34 1-	4ACSR	0	0	1350	170	295	41	30	0.11	5.12	53
CO3157	CO3378	3.43	1 1-	4ACSR	0	0	1328	170	13	1	1	0.00	5.13	0
CO3053	CO3378	3.45	33 1-	4ACSR	0	0	1317	169	283	39	28	0.10	5.23	47
CO3383	CO3053	3.54	3 1-	4ACSR	0	0	1265	168	41	5	4	0.02	5.24	0
CO3384	CO3383	3.60	1 1-	4ACSR	0	0	1236	168	18	2	2	0.00	5.25	0
CO3381	CO3053	3.47	29 1-	4ACSR	0	0	1307	169	229	32	23	0.03	5.25	11
OC-439617926	CO3381	3.47	29 1-	20 N FUSE	0	0	1307	169	229	32	162	0.00	5.25	0
CO3382	OC-439617926	3.54	29 1-	4ACSR	0	0	1265	168	229	32	23	0.11	5.36	39
CO3385	CO3382	3.61	26 1-	4ACSR	0	0	1231	168	205	28	21	0.09	5.45	30
CO3386	CO3385	3.68	26 1-	4ACSR	0	0	1193	167	205	28	21	0.09	5.54	30
CO3158	CO3386	3.73	2 1-	4ACSR	0	0	1171	166	31	4	3	0.00	5.54	0
CO3054	CO3386	3.74	21 1-	4ACSR	0	0	1166	166	145	20	15	0.05	5.59	13
CO3160	CO3054	3.79	1 1-	4ACSR	0	0	1145	166	2	0	0	0.00	5.59	0
CO3389	CO3054	3.80	12 1-	4ACSR	0	0	1140	166	69	9	7	0.02	5.61	2
CO3390	CO3389	3.83	10 1-	4ACSR	0	0	1128	165	57	8	6	0.01	5.63	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3161	CO3390	3.88	1 1-	4ACSR	0	0	1103	165	5	0	1	0.00	5.63	0
CO3080	CO3390	3.88	9 1-	4ACSR	0	0	1103	165	51	7	5	0.02	5.64	0
CO3163	CO3080	3.95	3 1-	4ACSR	0	0	1076	164	26	3	3	0.01	5.65	0
CO326011660	CO3163	3.98	1 1-	2ACSR	0	0	1065	164	10	1	1	0.00	5.65	0
CO-802844336	CO326011660	4.04	1 1-	2ACSR	0	0	1047	164	10	1	1	0.00	5.65	0
CO3401	CO3080	3.98	2 1-	4ACSR	0	0	1064	164	4	0	0	0.00	5.65	0
CO3162	CO3401	4.00	1 1-	4ACSR	0	0	1057	164	0	0	0	0.00	5.65	0
CO3402	CO3401	4.01	1 1-	4ACSR	0	0	1050	164	4	0	0	0.00	5.65	0
CO3403	CO3402	4.02	1 1-	4ACSR	0	0	1046	163	4	0	0	0.00	5.65	0
CO3404	CO3403	4.06	1 1-	4ACSR	0	0	1031	163	4	0	0	0.00	5.65	0
CO3399	CO3080	3.98	4 1-	4ACSR	0	0	1064	164	21	2	2	0.01	5.66	0
CO3400	CO3399	4.03	3 1-	4ACSR	0	0	1045	163	21	2	2	0.00	5.66	0
CO8244	CO3400	4.07	2 1-	4/0ACSR	0	0	1036	163	10	1	0	0.00	5.66	0
CO3387	CO3054	3.80	7 1-	4ACSR	0	0	1140	166	74	10	7	0.03	5.62	3
CO3388	CO3387	3.85	7 1-	4ACSR	0	0	1115	165	74	10	7	0.03	5.65	3
CO3393	CO3388	3.91	6 1-	4ACSR	0	0	1091	165	60	8	6	0.02	5.67	0
CO3397	CO3393	3.92	1 1-	4ACSR	0	0	1087	164	8	1	1	0.00	5.67	0
CO3398	CO3397	3.94	1 1-	4ACSR	0	0	1080	164	8	1	1	0.00	5.67	0
CO3394	CO3393	3.94	2 1-	4ACSR	0	0	1080	164	24	3	2	0.00	5.67	0
CO3395	CO3394	3.98	2 1-	4ACSR	0	0	1064	164	24	3	2	0.00	5.67	0
CO3396	CO3395	4.00	1 1-	4ACSR	0	0	1057	164	11	1	1	0.00	5.67	0
CO3159	CO3393	3.95	1 1-	4/0ACSR	0	0	1083	164	12	1	0	0.00	5.67	0
CO3391	CO3388	3.89	1 1-	4/0ACSR	0	0	1107	165	14	1	1	0.00	5.65	0
CO3392	CO3391	3.93	1 1-	4/0ACSR	0	0	1099	165	14	1	1	0.00	5.65	0
CO3372	CO3333	3.18	3 1-	4/0ACSR	0	0	1454	171	6	0	0	0.00	4.83	0
CO3373	CO3372	3.22	2 1-	4/0ACSR	0	0	1439	171	2	0	0	0.00	4.83	0
CO3329	CO3799	3.02	38 1-	4/0ACSR	0	0	1518	172	209	29	9	0.01	4.74	2
CO3330	CO3329	3.07	37 1-	4/0ACSR	0	0	1499	172	202	28	8	0.02	4.76	5
CO3334	CO3330	3.08	33 1-	4/0ACSR	0	0	1492	172	191	26	8	0.01	4.76	0
CO3206	CO3334	3.11	1 1-	2ACSR	0	0	1478	171	8	1	1	0.00	4.76	0
CO3335	CO3334	3.15	32 1-	4/0ACSR	0	0	1465	171	183	25	8	0.02	4.78	5
CO3336	CO3335	3.18	26 1-	4/0ACSR	0	0	1456	171	158	22	7	0.01	4.79	0
CO3338	CO3336	3.21	24 1-	4/0ACSR	0	0	1444	171	149	20	6	0.01	4.80	0
CO3337	CO3338	3.23	22 1-	4/0ACSR	0	0	1434	171	136	19	6	0.01	4.81	0
CO3361	CO3337	3.28	18 1-	4ACSR	0	0	1408	171	112	15	11	0.03	4.84	5
OC1029812872	CO3361	3.28	17 1-	20 N FUSE	0	0	1408	171	110	15	77	0.00	4.84	0
CO3362	OC1029812872	3.31	17 1-	4ACSR	0	0	1388	170	110	15	11	0.02	4.86	4
CO3366	CO3362	3.32	5 1-	4ACSR	0	0	1381	170	45	6	5	0.00	4.86	0
CO3370	CO3366	3.34	5 1-	4ACSR	0	0	1369	170	45	6	5	0.01	4.87	0
CO3371	CO3370	3.40	2 1-	4ACSR	0	0	1336	170	29	4	3	0.01	4.87	0
CO3367	CO3370	3.39	2 1-	4ACSR	0	0	1341	170	13	1	1	0.00	4.87	0
CO3368	CO3367	3.42	2 1-	4ACSR	0	0	1320	169	13	1	1	0.00	4.87	0
CO3369	CO3368	3.48	1 1-	4ACSR	0	0	1288	169	9	1	1	0.00	4.87	0
CO3363	CO3362	3.36	12 1-	4/0ACSR	0	0	1369	170	65	9	3	0.01	4.86	0
CO3364	CO3363	3.41	8 1-	4/0ACSR	0	0	1353	170	43	6	2	0.00	4.87	0
CO3155	CO3364	3.47	2 1-	4/0ACSR	0	0	1335	170	14	1	1	0.00	4.87	0
CO3365	CO3364	3.49	1 1-	4/0ACSR	0	0	1329	170	11	1	0	0.00	4.87	0
CO3350	CO3337	3.26	0 1-	4/0ACSR	0	0	1423	171	0	0	0	0.00	4.81	0
CO3349	CO3350	3.29	0 1-	4/0ACSR	0	0	1413	171	0	0	0	0.00	4.81	0
CO-214798512	CO3329	3.04	1 1-	2ACSR	0	0	1503	172	7	0	1	0.00	4.74	0
CO3309	CO3316	2.58	21 1-	1/0PRIURD	0	0	1726	427	40	5	4	0.00	4.44	0
OC2078973624	CO3309	2.58	18 1-	20 N FUSE	0	0	1726	427	33	4	23	0.00	4.44	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3310	OC2078973624	2.61	18 1-	1/0PRIURD	0	0	1708	425	33	4	3	0.00	4.45	0
CO3791	CO3310	2.65	14 1-	1/0PRIURD	0	0	1690	424	27	3	3	0.00	4.45	0
CO3792	CO3791	2.67	4 1-	1/0PRIURD	0	0	1682	423	10	1	1	0.00	4.45	0
CO3311	CO3791	2.69	10 1-	1/0PRIURD	0	0	1664	422	17	2	2	0.00	4.45	0
CO3312	CO3311	2.72	6 1-	1/0PRIURD	0	0	1647	421	9	1	1	0.00	4.45	0
CO3313	CO3312	2.76	4 1-	1/0PRIURD	0	0	1625	420	7	0	1	0.00	4.45	0
CO3251	CO3030	2.32	2 1-	4/0ACSR	0	0	1879	174	1	0	0	0.00	4.13	0
OC-992633249	CO3251	2.32	1 1-	20 N FUSE	0	0	1879	174	1	0	1	0.00	4.13	0
CO3252	OC-992633249	2.38	1 1-	4/0ACSR	0	0	1841	174	1	0	0	0.00	4.13	0
CO3247	CO8201	2.18	23 3-	4ACSR	2517	2340	1958	174	121	5	4	0.01	4.01	0
OC-441713301	CO3247	2.18	17 3-	20 N FUSE	2517	2340	1958	174	99	4	23	0.00	4.01	0
CO3248	OC-441713301	2.21	17 3-	4ACSR	2475	2304	1923	174	99	4	3	0.01	4.02	0
CO3249	CO3248	2.25	16 3-	4ACSR	2420	2258	1877	173	86	3	3	0.01	4.02	0
CO3250	CO3249	2.27	13 3-	4ACSR	2395	2237	1856	173	68	3	2	0.00	4.02	0
CO8199	CO3250	2.30	9 3-	2ACSR	2363	2209	1829	173	47	2	1	0.00	4.02	0
CO1002	CO8199	2.37	7 1-	4/0ACSR	0	0	1788	173	29	4	1	0.00	4.03	0
CO1003	CO1002	2.41	4 1-	4/0ACSR	0	0	1768	173	11	1	0	0.00	4.03	0
CO8198	CO3250	2.34	4 1-	4/0ACSR	0	0	1813	173	22	3	1	0.00	4.03	0
CO833	CO1005	1.84	209 3-	1/0ACSR	2806	2609	2221	175	1297	60	26	0.10	3.63	197
CO993	CO833	1.86	3 1-	4ACSR	0	0	2197	175	24	3	2	0.00	3.64	0
OC1234946937	CO993	1.86	2 1-	20 N FUSE	0	0	2197	175	19	2	13	0.00	3.64	0
CO994	OC1234946937	1.89	2 1-	4ACSR	0	0	2153	174	19	2	2	0.00	3.64	0
CO991	CO833	1.96	206 3-	1/0ACSR	2676	2490	2104	174	1271	59	26	0.12	3.75	226
CO992	CO991	2.00	204 3-	1/0ACSR	2632	2449	2064	174	1265	58	26	0.04	3.79	81
CO873	CO992	2.07	2 1-	4ACSR	0	0	1968	173	2	0	0	0.00	3.79	0
OC-563527930	CO873	2.07	0 1-	20 N FUSE	0	0	1968	173	0	0	0	0.00	3.79	0
CO872	CO992	2.06	2 1-	4ACSR	0	0	1980	173	18	2	2	0.00	3.80	0
OC847604440	CO872	2.06	0 1-	20 N FUSE	0	0	1980	173	0	0	0	0.00	3.80	0
CO988	CO992	2.05	199 3-	1/0ACSR	2575	2397	2013	174	1242	57	25	0.05	3.85	104
CO989	CO988	2.08	197 3-	1/0ACSR	2549	2373	1990	174	1227	57	25	0.03	3.87	48
CO990	CO989	2.12	196 3-	1/0ACSR	2506	2334	1953	174	1226	57	25	0.04	3.91	80
CO874	CO990	2.15	2 1-	4ACSR	0	0	1914	173	12	1	1	0.00	3.92	0
OC-1578731119	CO874	2.15	0 1-	20 N FUSE	0	0	1914	173	0	0	0	0.00	3.92	0
CO1163	CO990	2.13	194 3-	1/0ACSR	2500	2328	1948	174	1214	56	25	0.01	3.92	12
CO1164	CO1163	2.17	194 3-	1/0ACSR	2460	2291	1913	173	1214	56	25	0.04	3.96	77
CO876	CO1164	2.20	2 1-	4ACSR	0	0	1882	173	3	0	0	0.00	3.96	0
OC-1050193542	CO876	2.20	0 1-	20 N FUSE	0	0	1882	173	0	0	0	0.00	3.96	0
CO986	CO1164	2.22	1 1-	4ACSR	0	0	1860	173	0	0	0	0.00	3.96	0
OC1918718913	CO986	2.22	1 1-	20 N FUSE	0	0	1860	173	0	0	0	0.00	3.96	0
CO987	OC1918718913	2.23	1 1-	4ACSR	0	0	1845	173	0	0	0	0.00	3.96	0
CO984	CO1164	2.21	191 3-	1/0ACSR	2421	2256	1879	173	1210	56	25	0.04	4.00	75
CO985	CO984	2.31	190 3-	1/0ACSR	2337	2179	1807	173	1209	56	24	0.09	4.10	173
OC40	CO985	2.31	190 3-	100 L OCR	2337	2179	1807	173	1208	56	56	0.00	4.10	0
CO983	OC40	2.39	190 3-	1/0ACSR	2267	2115	1747	172	1208	56	24	0.08	4.18	150
CO836	CO983	2.46	158 3-	1/0ACSR	2214	2066	1702	172	966	45	20	0.05	4.23	77
CO877	CO836	2.51	2 1-	4ACSR	0	0	1650	171	3	0	0	0.00	4.23	0
OC-894741001	CO877	2.51	0 1-	20 N FUSE	0	0	1650	171	0	0	0	0.00	4.23	0
CO963	CO836	2.50	155 3-	1/0ACSR	2178	2033	1672	172	963	44	20	0.04	4.27	53
CO964	CO963	2.52	152 3-	1/0ACSR	2165	2022	1661	172	944	44	19	0.01	4.28	19
CO965	CO964	2.55	152 3-	1/0ACSR	2142	2001	1642	171	944	44	19	0.02	4.30	34
CO960	CO965	2.60	151 3-	1/0ACSR	2106	1967	1612	171	931	43	19	0.04	4.34	55
CO961	CO960	2.66	151 3-	1/0ACSR	2062	1927	1575	171	931	43	19	0.05	4.39	68

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO962	CO961	2.71	151 3-	1/0ACSR	2030	1897	1548	171	931	43	19	0.04	4.42	51
CO837	CO962	2.75	142 3-	1/0ACSR	2007	1876	1529	171	855	39	17	0.02	4.45	32
CO949	CO837	2.80	6 1-	1/0PRIURD	0	0	1504	409	56	7	5	0.01	4.46	0
OC801853857	CO949	2.80	4 1-	20 N FUSE	0	0	1504	409	36	4	25	0.00	4.46	0
CO950	OC801853857	2.89	4 1-	1/0PRIURD	0	0	1460	406	36	4	3	0.01	4.46	0
CO1153	CO950	2.98	2 1-	1/0PRIURD	0	0	1420	403	15	2	1	0.00	4.47	0
CO886	CO1153	3.12	2 1-	1/0PRIURD	0	0	1361	399	15	2	1	0.00	4.47	0
CO1154	CO1153	3.02	0 1-	1/0PRIURD	0	0	1405	402	0	0	0	0.00	4.47	0
CO947	CO837	2.78	136 3-	1/0ACSR	1983	1854	1509	170	798	37	16	0.02	4.47	30
CO948	CO947	2.83	134 3-	1/0ACSR	1954	1828	1486	170	790	36	16	0.03	4.50	36
CO945	CO948	2.92	3 1-	4ACSR	0	0	1419	169	26	3	3	0.02	4.52	0
OC1996828749	CO945	2.92	3 1-	20 N FUSE	0	0	1419	169	26	3	18	0.00	4.52	0
CO946	OC1996828749	2.96	1 1-	4ACSR	0	0	1394	169	10	1	1	0.00	4.52	0
CO906	OC1996828749	2.98	2 1-	2ACSR	0	0	1389	169	16	2	1	0.00	4.52	0
CO942	CO948	2.86	131 3-	1/0ACSR	1934	1809	1469	170	764	35	16	0.02	4.52	23
CO943	CO942	2.94	129 3-	1/0ACSR	1885	1765	1430	170	746	34	15	0.05	4.57	58
CO944	CO943	2.99	129 3-	1/0ACSR	1857	1739	1407	169	745	34	15	0.03	4.60	35
CO838	CO944	3.08	126 3-	1/0ACSR	1810	1696	1369	169	734	34	15	0.05	4.65	57
CO938	CO838	3.18	4 1-	4ACSR	0	0	1306	168	11	1	1	0.01	4.66	0
OC-1194402706	CO938	3.18	4 1-	20 N FUSE	0	0	1306	168	11	1	8	0.00	4.66	0
CO939	OC-1194402706	3.29	4 1-	4ACSR	0	0	1247	167	11	1	1	0.01	4.67	0
CO937	CO939	3.44	2 1-	4ACSR	0	0	1170	165	6	0	1	0.01	4.67	0
CO936	CO937	3.51	1 1-	4ACSR	0	0	1136	165	5	0	1	0.00	4.67	0
CO932	CO838	3.20	16 1-	4ACSR	0	0	1298	168	105	14	11	0.08	4.73	14
OC-1643265060	CO932	3.20	15 1-	20 N FUSE	0	0	1298	168	105	14	74	0.00	4.73	0
CO933	OC-1643265060	3.23	15 1-	4ACSR	0	0	1282	167	105	14	11	0.02	4.75	3
CO934	CO933	3.27	13 1-	4ACSR	0	0	1259	167	95	13	10	0.02	4.78	4
CO935	CO934	3.31	12 1-	4ACSR	0	0	1237	167	95	13	10	0.02	4.80	4
CO3784	CO935	3.32	12 1-	4ACSR	0	0	1232	166	95	13	10	0.01	4.81	0
CO3126	CO3784	3.37	1 1-	4ACSR	0	0	1202	166	8	1	1	0.00	4.81	0
CO3785	CO3784	3.38	11 1-	4ACSR	0	0	1198	166	87	12	9	0.03	4.84	4
CO3786	CO3785	3.44	9 1-	2ACSR	0	0	1175	165	68	9	5	0.02	4.85	0
CO3787	CO3786	3.52	7 1-	2ACSR	0	0	1147	165	51	7	4	0.02	4.87	0
CO3788	CO3787	3.63	7 1-	2ACSR	0	0	1106	164	51	7	4	0.02	4.89	0
CO3789	CO3788	3.72	4 1-	2ACSR	0	0	1074	164	33	4	3	0.01	4.90	0
CO3790	CO3789	3.82	1 1-	2ACSR	0	0	1044	163	4	0	0	0.00	4.90	0
CO911	CO933	3.26	1 1-	2ACSR	0	0	1265	167	4	0	0	0.00	4.75	0
CO929	CO838	3.12	105 3-	1/0ACSR	1787	1674	1350	169	609	28	12	0.02	4.68	21
CO930	CO929	3.16	104 3-	1/0ACSR	1768	1657	1335	169	608	28	12	0.02	4.69	17
CO931	CO930	3.18	103 3-	1/0ACSR	1757	1647	1326	168	608	28	12	0.01	4.71	10
CO928	CO931	3.19	103 3-	1/0ACSR	1751	1641	1321	168	607	28	12	0.01	4.71	6
CO924	CO928	3.27	65 1-	2ACSR	0	0	1284	168	402	56	31	0.14	4.85	89
OC-54127769	CO924	3.27	65 1-	20 N FUSE	0	0	1284	168	401	56	283	0.00	4.85	0
CO925	OC-54127769	3.39	65 1-	2ACSR	0	0	1235	167	401	56	31	0.20	5.05	126
CO927	CO925	3.40	1 1-	4ACSR	0	0	1230	167	6	0	1	0.00	5.05	0
CO8200	CO927	3.46	1 1-	4ACSR	0	0	1199	166	6	0	1	0.00	5.06	0
CO3783	CO8200	3.47	1 1-	4ACSR	0	0	1193	166	6	0	1	0.00	5.06	0
CO926	CO925	3.40	63 1-	2ACSR	0	0	1228	167	395	55	31	0.03	5.08	18
CO8229	CO926	3.45	63 1-	2ACSR	0	0	1208	167	395	55	31	0.08	5.17	53
CO3780	CO8229	3.50	63 1-	2ACSR	0	0	1190	166	394	55	31	0.08	5.25	51
CO3127	CO3780	3.56	1 1-	4ACSR	0	0	1160	166	1	0	0	0.00	5.25	0
CO3781	CO3780	3.64	62 1-	2ACSR	0	0	1136	165	393	55	31	0.25	5.49	153

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3782	CO3781	3.72	62 1-	2ACSR	0	0	1106	165	392	55	31	0.15	5.65	95
CO3028	CO3782	3.78	59 1-	2ACSR	0	0	1086	164	381	53	30	0.10	5.74	58
CO3776	CO3028	3.85	57 1-	2ACSR	0	0	1065	164	380	53	30	0.11	5.86	68
CO3777	CO3776	3.87	57 1-	2ACSR	0	0	1057	164	379	53	30	0.04	5.90	26
CO3129	CO3777	3.89	2 1-	4ACSR	0	0	1048	163	11	1	1	0.00	5.90	0
CO3841	CO3777	3.92	40 1-	2ACSR	0	0	1042	163	281	39	22	0.06	5.96	26
CO3029	CO3841	3.96	36 1-	2ACSR	0	0	1031	163	247	35	19	0.04	6.00	16
CO3131	CO3029	3.99	0 1-	4ACSR	0	0	1019	163	0	0	0	0.00	6.00	0
CO3833	CO3029	4.02	36 1-	2ACSR	0	0	1011	163	247	35	19	0.07	6.07	29
CO3751	CO3833	4.08	12 1-	4ACSR	0	0	991	162	101	14	10	0.04	6.11	6
CO3220	CO3751	4.10	1 1-	2ACSR	0	0	985	162	8	1	1	0.00	6.11	0
CO3752	CO3751	4.16	11 1-	4ACSR	0	0	964	161	94	13	10	0.05	6.16	8
CO3759	CO3752	4.18	7 1-	4ACSR	0	0	957	161	71	10	7	0.01	6.17	0
CO3758	CO3759	4.22	7 1-	4ACSR	0	0	943	161	71	10	7	0.02	6.18	0
CO3757	CO3758	4.26	6 1-	4ACSR	0	0	930	160	64	9	7	0.02	6.20	0
CO3756	CO3757	4.31	5 1-	4ACSR	0	0	916	160	53	7	5	0.01	6.21	0
CO3755	CO3756	4.38	3 1-	4ACSR	0	0	894	159	31	4	3	0.01	6.22	0
CO4799	CO3755	4.41	2 1-	2ACSR	0	0	886	159	18	2	1	0.00	6.22	0
CO3753	CO3752	4.19	4 1-	4ACSR	0	0	953	161	23	3	2	0.01	6.16	0
CO3754	CO3753	4.23	4 1-	4ACSR	0	0	939	161	23	3	2	0.01	6.17	0
CO3760	CO3754	4.29	3 1-	4ACSR	0	0	922	160	15	2	2	0.01	6.17	0
CO3211	CO3760	4.31	1 1-	2ACSR	0	0	916	160	7	1	1	0.00	6.17	0
CO3761	CO3760	4.33	2 1-	4ACSR	0	0	908	160	8	1	1	0.00	6.17	0
CO8266	CO3761	4.40	1 1-	4ACSR	0	0	887	159	0	0	0	0.00	6.17	0
CO3744	CO3833	4.08	7 1-	4ACSR	0	0	990	162	53	7	5	0.02	6.09	0
CO3745	CO3744	4.11	6 1-	4ACSR	0	0	981	162	51	7	5	0.01	6.10	0
CO3213	CO3745	4.13	1 1-	2ACSR	0	0	974	162	10	1	1	0.00	6.10	0
CO3746	CO3745	4.14	3 1-	4ACSR	0	0	971	162	29	4	3	0.01	6.10	0
CO3747	CO3746	4.21	3 1-	4ACSR	0	0	947	161	29	4	3	0.01	6.12	0
CO3748	CO3747	4.28	2 1-	4ACSR	0	0	925	160	21	2	2	0.01	6.12	0
CO3749	CO3748	4.33	2 1-	4ACSR	0	0	908	160	21	2	2	0.01	6.13	0
CO3750	CO3749	4.41	1 1-	4ACSR	0	0	885	159	10	1	1	0.00	6.13	0
CO3737	CO3833	4.08	16 1-	2ACSR	0	0	995	162	91	12	7	0.02	6.09	3
CO3736	CO3737	4.11	16 1-	2ACSR	0	0	987	162	91	12	7	0.01	6.11	0
CO3078	CO3736	4.18	7 1-	2ACSR	0	0	967	162	38	5	3	0.01	6.12	0
CO3212	CO3078	4.21	1 1-	4ACSR	0	0	956	161	3	0	0	0.00	6.12	0
CO3132	CO3078	4.23	1 1-	4ACSR	0	0	952	161	6	0	1	0.00	6.12	0
CO-1076577375	CO3078	4.23	4 1-	2ACSR	0	0	954	161	18	2	1	0.00	6.12	0
CO-1477105509	CO-1076577375	4.27	3 1-	2ACSR	0	0	945	161	11	1	1	0.00	6.12	0
CO3133	CO-1477105509	4.31	1 1-	4ACSR	0	0	932	161	4	0	0	0.00	6.12	0
CO8389	CO-1477105509	4.30	2 1-	2ACSR	0	0	935	161	7	0	1	0.00	6.12	0
CO8388	CO8389	4.31	0 1-	2ACSR	0	0	934	161	0	0	0	0.00	6.12	0
SW112-A	CO8388	4.31	0 1-	Open	0	0	934	161	0	0	0	0.00	6.12	0
CO1292169009	CO-1076577375	4.33	1 1-	2ACSR	0	0	929	161	7	0	1	0.00	6.12	0
CO3742	CO3736	4.14	1 1-	2ACSR	0	0	979	162	2	0	0	0.00	6.11	0
CO3743	CO3742	4.15	1 1-	2ACSR	0	0	975	162	2	0	0	0.00	6.11	0
CO3741	CO3736	4.17	6 1-	4ACSR	0	0	967	162	40	5	4	0.02	6.12	0
CO3740	CO3741	4.20	6 1-	4ACSR	0	0	954	161	40	5	4	0.01	6.13	0
CO3739	CO3740	4.25	5 1-	4ACSR	0	0	940	161	39	5	4	0.01	6.14	0
CO3738	CO3739	4.29	3 1-	4ACSR	0	0	926	160	28	4	3	0.01	6.14	0
CO4798	CO3738	4.31	1 1-	2ACSR	0	0	922	160	10	1	1	0.00	6.15	0
CO3762	CO3841	3.97	4 1-	2ACSR	0	0	1026	163	34	4	3	0.01	5.96	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3842	CO3762	4.01	2 1-	2ACSR	0	0	1015	163	19	2	2	0.00	5.97	0
CO3765	CO3777	3.95	14 1-	4ACSR	0	0	1028	163	77	10	8	0.03	5.93	4
CO3766	CO3765	4.01	10 1-	4ACSR	0	0	1004	162	54	7	5	0.02	5.95	0
CO3130	CO3766	4.04	0 1-	4ACSR	0	0	993	162	0	0	0	0.00	5.95	0
CO3773	CO3766	4.03	2 1-	4ACSR	0	0	997	162	9	1	1	0.00	5.95	0
CO3774	CO3773	4.09	1 1-	4ACSR	0	0	977	162	9	1	1	0.00	5.96	0
CO3775	CO3774	4.13	1 1-	4ACSR	0	0	964	161	9	1	1	0.00	5.96	0
CO3767	CO3766	4.03	7 1-	4ACSR	0	0	996	162	34	4	3	0.00	5.95	0
CO3771	CO3767	4.06	2 1-	4ACSR	0	0	986	162	15	2	2	0.00	5.96	0
CO3772	CO3771	4.12	1 1-	4ACSR	0	0	966	161	8	1	1	0.00	5.96	0
CO3768	CO3767	4.08	2 1-	4ACSR	0	0	979	162	3	0	0	0.00	5.96	0
CO3769	CO3768	4.10	2 1-	4ACSR	0	0	973	161	3	0	0	0.00	5.96	0
CO3770	CO3769	4.13	0 1-	4ACSR	0	0	962	161	0	0	0	0.00	5.96	0
CO3763	CO3777	3.92	1 1-	2ACSR	0	0	1041	163	10	1	1	0.00	5.90	0
CO3764	CO3763	3.96	1 1-	2ACSR	0	0	1029	163	10	1	1	0.00	5.90	0
CO3778	CO3782	3.82	3 1-	4ACSR	0	0	1067	164	11	1	1	0.01	5.65	0
CO3843	CO3778	3.86	2 1-	4ACSR	0	0	1048	163	11	1	1	0.00	5.66	0
CO3128	CO3843	3.92	1 1-	4ACSR	0	0	1026	163	4	0	0	0.00	5.66	0
CO3779	CO3843	3.94	1 1-	4ACSR	0	0	1019	163	6	0	1	0.00	5.66	0
CO919	CO928	3.23	35 1-	6ACWC	0	0	1300	168	189	26	19	0.04	4.75	13
OC179964711	CO919	3.23	31 1-	20 N FUSE	0	0	1300	168	175	24	123	0.00	4.75	0
CO920	OC179964711	3.27	31 1-	6ACWC	0	0	1276	168	175	24	18	0.05	4.80	13
CO1157	CO920	3.29	24 1-	6ACWC	0	0	1267	167	133	18	13	0.01	4.81	3
CO1158	CO1157	3.39	24 1-	6ACWC	0	0	1217	166	133	18	13	0.08	4.89	17
OC888307284	CO1158	3.39	24 1-	35 L OCR	0	0	1217	166	133	18	53	0.00	4.89	0
CO917	OC888307284	3.50	24 1-	6ACWC	0	0	1161	165	133	18	13	0.09	4.99	20
CO918	CO917	3.59	23 1-	6ACWC	0	0	1118	164	124	17	12	0.07	5.06	15
CO883	CO918	3.66	0 1-	4ACSR	0	0	1089	164	0	0	0	0.00	5.06	0
CO839	CO918	3.70	23 1-	6ACWC	0	0	1073	163	124	17	12	0.08	5.14	17
CO915	CO839	3.73	23 1-	6ACWC	0	0	1061	163	124	17	12	0.02	5.17	5
CO916	CO915	3.79	23 1-	6ACWC	0	0	1039	162	123	17	12	0.04	5.21	9
CO8284	CO916	3.92	23 1-	6ACWC	0	0	989	161	123	17	12	0.10	5.32	21
CO17302	CO8284	3.93	19 1-	6ACWC	0	0	987	161	102	14	10	0.00	5.32	0
CO17303	CO17302	3.95	19 1-	6ACWC	0	0	978	161	102	14	10	0.02	5.34	3
CO4177	CO17303	4.17	18 1-	6ACWC	0	0	906	159	101	14	10	0.14	5.48	24
CO4178	CO4177	4.27	18 1-	6ACWC	0	0	877	158	101	14	10	0.06	5.54	10
CO4135	CO4178	4.34	1 1-	4ACSR	0	0	857	157	0	0	0	0.00	5.54	0
CO8285	CO4178	4.40	1 1-	4ACSR	0	0	843	157	12	1	1	0.01	5.55	0
CO4986	CO8285	4.46	1 1-	4ACSR	0	0	827	156	12	1	1	0.00	5.55	0
CO4987	CO4986	4.78	0 1-	4ACSR	0	0	751	153	0	0	0	0.00	5.55	0
CO4179	CO4178	4.38	16 1-	6ACWC	0	0	848	157	89	12	9	0.06	5.60	9
CO4180	CO4179	4.60	15 1-	6ACWC	0	0	792	155	87	12	9	0.12	5.73	18
CO4181	CO4180	4.63	15 1-	6ACWC	0	0	785	155	86	12	9	0.01	5.74	0
CO8289	CO4181	4.75	2 1-	4ACSR	0	0	760	154	14	2	1	0.01	5.75	0
CO8286	CO4181	4.78	6 1-	6ACWC	0	0	753	153	31	4	3	0.03	5.77	0
CO4980	CO8286	4.88	6 1-	6ACWC	0	0	732	153	31	4	3	0.02	5.79	0
CO4981	CO4980	5.03	5 1-	6ACWC	0	0	703	151	26	3	3	0.02	5.81	0
OC-1552684567	CO4981	5.03	4 1-	20 N FUSE	0	0	703	151	23	3	17	0.00	5.81	0
CO4982	OC-1552684567	5.08	4 1-	6ACWC	0	0	692	151	23	3	2	0.01	5.82	0
CO4983	CO4982	5.24	4 1-	6ACWC	0	0	665	150	23	3	2	0.02	5.84	0
CO4984	CO4983	5.32	2 1-	6ACWC	0	0	652	149	12	1	1	0.01	5.85	0
CO4985	CO4984	5.39	1 1-	6ACWC	0	0	641	148	12	1	1	0.00	5.85	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4790	CO4984	5.37	1 1-	6ACWC	0	0	643	148	1	0	0	0.00	5.85	0
CO4791	CO4983	5.33	1 1-	6ACWC	0	0	650	149	11	1	1	0.00	5.85	0
CO4750	CO4983	5.68	0 1-	6ACWC	0	0	599	146	0	0	0	0.00	5.84	0
CO4785	CO4980	4.97	0 1-	4ACSR	0	0	713	152	0	0	0	0.00	5.79	0
CO4183	CO4181	4.68	3 1-	4ACSR	0	0	773	154	13	1	1	0.00	5.74	0
CO4184	CO4183	4.70	2 1-	2ACSR	0	0	771	154	2	0	0	0.00	5.74	0
CO1030259466	CO4184	4.70	1 1-	2ACSR	0	0	770	154	0	0	0	0.00	5.74	0
CO4185	CO1030259466	4.74	1 1-	4ACSR	0	0	763	154	0	0	0	0.00	5.74	0
CO4186	CO4185	5.08	0 1-	4ACSR	0	0	694	151	0	0	0	0.00	5.74	0
CO903666251	CO4184	4.74	0 1-	1/0PRIURD	0	0	765	322	0	0	0	0.00	5.74	0
CO4182	CO4181	4.71	3 1-	4ACSR	0	0	768	154	21	3	2	0.01	5.75	0
CO8293	CO4182	4.72	2 1-	4ACSR	0	0	765	154	19	2	2	0.00	5.75	0
CO4979	CO8293	4.74	1 1-	4ACSR	0	0	760	154	11	1	1	0.00	5.75	0
CO4794	CO8293	4.76	1 1-	4ACSR	0	0	756	154	8	1	1	0.00	5.75	0
CO4175	CO8284	3.94	3 1-	4ACSR	0	0	982	161	20	2	2	0.00	5.32	0
CO4176	CO4175	4.03	1 1-	4ACSR	0	0	952	160	11	1	1	0.00	5.32	0
CO4159	CO8284	4.07	1 1-	4ACSR	0	0	937	160	2	0	0	0.00	5.32	0
CO921	CO920	3.32	6 1-	4ACSR	0	0	1249	167	33	4	3	0.01	4.81	0
CO922	CO921	3.37	3 1-	4ACSR	0	0	1223	167	27	3	3	0.01	4.82	0
CO882	CO922	3.41	2 1-	4ACSR	0	0	1206	166	16	2	2	0.00	4.82	0
CO907	CO882	3.46	1 1-	2ACSR	0	0	1183	166	1	0	0	0.00	4.82	0
CO881	CO922	3.40	0 1-	4ACSR	0	0	1206	166	0	0	0	0.00	4.82	0
CO923	CO922	3.41	1 1-	4ACSR	0	0	1206	166	11	1	1	0.00	4.82	0
CO910	CO920	3.33	1 1-	2ACSR	0	0	1250	167	10	1	1	0.00	4.80	0
CO940	CO944	3.08	2 1-	4ACSR	0	0	1351	168	11	1	1	0.01	4.61	0
OC-972475474	CO940	3.08	2 1-	20 N FUSE	0	0	1351	168	11	1	8	0.00	4.61	0
CO880	OC-972475474	3.14	1 1-	4ACSR	0	0	1316	168	2	0	0	0.00	4.61	0
CO941	OC-972475474	3.13	1 1-	4ACSR	0	0	1323	168	9	1	1	0.00	4.61	0
CO951	CO962	2.74	8 1-	6ACWC	0	0	1525	170	64	8	6	0.01	4.44	0
OC-2019056091	CO951	2.74	8 1-	20 N FUSE	0	0	1525	170	64	8	45	0.00	4.44	0
CO952	OC-2019056091	2.78	7 1-	6ACWC	0	0	1500	170	56	7	6	0.01	4.45	0
CO953	CO952	2.86	6 1-	6ACWC	0	0	1437	169	56	7	6	0.03	4.48	3
CO956	CO953	3.00	3 1-	6ACWC	0	0	1348	168	24	3	2	0.02	4.50	0
CO958	CO956	3.06	1 1-	2ACSR	0	0	1317	167	14	1	1	0.00	4.50	0
CO959	CO958	3.14	1 1-	2ACSR	0	0	1279	167	14	1	1	0.00	4.51	0
CO957	CO956	3.14	2 1-	6ACWC	0	0	1264	166	10	1	1	0.01	4.51	0
CO879	CO957	3.18	1 1-	4ACSR	0	0	1243	166	4	0	0	0.00	4.51	0
CO878	CO957	3.28	1 1-	4ACSR	0	0	1188	165	6	0	1	0.00	4.51	0
CO954	CO953	2.89	3 1-	4ACSR	0	0	1415	169	31	4	3	0.01	4.48	0
CO955	CO954	2.93	2 1-	4ACSR	0	0	1391	168	20	2	2	0.00	4.49	0
CO913	CO954	2.94	0 1-	2ACSR	0	0	1389	168	0	0	0	0.00	4.48	0
CO912	OC-2019056091	2.79	1 1-	2ACSR	0	0	1494	170	7	1	1	0.00	4.44	0
CO966	CO983	2.54	30 1-	6ACWC	0	0	1612	171	219	30	22	0.20	4.38	73
OC-985156300	CO966	2.54	29 1-	20 N FUSE	0	0	1612	171	216	30	151	0.00	4.38	0
CO967	OC-985156300	2.57	29 1-	6ACWC	0	0	1580	170	216	30	22	0.05	4.43	18
CO835	CO967	2.61	14 1-	6ACWC	0	0	1549	170	104	14	10	0.02	4.46	4
OC2016220506	CO835	2.61	13 1-	20 N FUSE	0	0	1549	170	98	13	69	0.00	4.46	0
CO976	OC2016220506	2.88	5 1-	6ACWC	0	0	1356	167	49	6	5	0.07	4.52	5
CO977	CO976	2.90	3 1-	6ACWC	0	0	1343	167	33	4	3	0.00	4.53	0
CO978	CO977	2.99	3 1-	6ACWC	0	0	1285	166	33	4	3	0.02	4.55	0
CO981	CO978	3.09	2 1-	4ACSR	0	0	1231	165	20	2	2	0.01	4.56	0
CO982	CO981	3.20	1 1-	4ACSR	0	0	1171	164	13	1	1	0.00	4.56	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO979	CO978	3.03	1 1-	4ACSR	0	0	1263	166	13	1	1	0.00	4.55	0
CO980	CO979	3.07	1 1-	4ACSR	0	0	1241	165	13	1	1	0.00	4.55	0
CO974	OC2016220506	2.71	8 1-	4ACSR	0	0	1475	169	50	6	5	0.03	4.49	2
CO1219445961	CO974	2.78	4 1-	2ACSR	0	0	1432	168	29	4	2	0.00	4.49	0
CO975	CO974	2.76	4 1-	4ACSR	0	0	1433	168	20	2	2	0.00	4.49	0
CO968	CO967	2.61	15 1-	6ACWC	0	0	1549	170	112	15	11	0.03	4.46	5
CO969	CO968	2.63	15 1-	6ACWC	0	0	1533	170	112	15	11	0.01	4.47	2
CO875	CO969	2.71	1 1-	4ACSR	0	0	1474	169	4	0	0	0.00	4.47	0
CO834	CO969	2.71	13 1-	6ACWC	0	0	1475	169	96	13	10	0.04	4.51	6
CO971	CO834	2.75	5 1-	4ACSR	0	0	1440	168	44	6	4	0.01	4.52	0
CO1152	CO971	2.78	2 1-	4ACSR	0	0	1425	168	16	2	2	0.00	4.52	0
CO970	CO1152	2.83	1 1-	4ACSR	0	0	1386	168	1	0	0	0.00	4.52	0
CO908	CO1152	2.80	1 1-	2ACSR	0	0	1409	168	15	2	1	0.00	4.52	0
CO1155	CO834	2.75	6 1-	4ACSR	0	0	1442	168	30	4	3	0.01	4.52	0
CO1172	CO1155	2.79	0 1-	4ACSR	0	0	1416	168	0	0	0	0.00	4.52	0
CO1156	CO1155	2.80	4 1-	4ACSR	0	0	1407	168	29	4	3	0.01	4.53	0
CO972	CO1156	2.86	1 1-	4ACSR	0	0	1367	167	5	0	0	0.00	4.53	0
CO973	CO972	2.89	0 1-	4ACSR	0	0	1349	167	0	0	0	0.00	4.53	0
CO909	CO1155	2.79	2 1-	1/0PRIURD	0	0	1427	398	1	0	0	0.00	4.52	0
400322036	CO685	1.28	1 3-	Consumer	3501	3276	2893	177	258	11	0	0.00	2.66	0
CO420	CO804	1.15	1 1-	4ACSR	0	0	3031	177	3	0	0	0.00	2.26	0
OC-944979742	CO420	1.15	0 1-	20 N FUSE	0	0	3031	177	0	0	0	0.00	2.26	0
CO689	CO804	1.12	4 1-	4ACSR	0	0	3137	177	41	5	4	0.01	2.26	0
OC31074696	CO689	1.12	3 1-	20 N FUSE	0	0	3137	177	24	3	16	0.00	2.26	0
CO690	OC31074696	1.12	3 1-	4ACSR	0	0	3114	177	24	3	2	0.00	2.26	0
CO691	CO690	1.15	2 1-	4ACSR	0	0	3050	177	13	1	1	0.00	2.26	0
CO389	CO362	0.56	2 3-	2ACSR	4912	4737	4481	178	12	0	0	0.00	0.72	0
SUB	0 total losses:	\$106,086												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0 HILLSBORO		1894			2698	2843	2882	356	8526					
CO5633+	HILLSBORO	0.00	1894 3-	750 MCM - 42 Wi	2697	2841	2880	356	8526	192	17	0.00	0.00	7
CO5634+	CO5633	0.01	1894 3-	750 MCM - 42 Wi	2696	2840	2879	356	8526	192	17	0.00	0.00	5
CO5638+	CO5634	0.01	241 3-	750 MCM - 42 Wi	2695	2837	2876	356	1074	24	2	0.00	0.00	0
Ringos+	CO5638	0.01	241 3-	560 200WVE	2695	2837	2876	356	1074	24	4	0.00	0.00	0
CO5581+	Ringos	0.02	241 3-	336ACSR	2692	2833	2871	356	1074	24	5	0.00	0.00	0
CO5579+	CO5581	0.19	241 3-	336ACSR	2635	2739	2773	355	1074	24	5	0.01	0.02	18
CO5580+	CO5579	0.23	238 3-	336ACSR	2622	2718	2750	355	1062	24	5	0.00	0.02	4
CO5505+	CO5580	0.29	232 3-	336ACSR	2604	2691	2721	354	1051	23	5	0.00	0.03	5
CO5506+	CO5505	0.38	223 3-	336ACSR	2576	2648	2674	354	1019	23	4	0.01	0.03	8
CO8308+	CO5506	0.68	3 1-	4ACSR	0	0	2431	347	13	0	1	0.00	0.04	0
CO5651+	CO5506	0.45	219 3-	336ACSR	2553	2612	2635	354	1002	22	4	0.01	0.04	7
CO5652+	CO5651	0.53	217 3-	336ACSR	2529	2577	2596	353	997	22	4	0.01	0.04	7
CO5537+	CO5652	0.58	2 1-	4ACSR	0	0	2562	352	5	0	0	0.00	0.04	0
CO5649+	CO5652	0.63	214 3-	336ACSR	2501	2535	2551	353	992	22	4	0.01	0.05	8
CO5650+	CO5649	0.65	212 3-	336ACSR	2494	2525	2539	353	976	22	4	0.00	0.05	0
CO5507+	CO5650	0.70	210 3-	336ACSR	2481	2507	2519	353	967	21	4	0.00	0.06	4
CO5646+	CO5507	0.78	4 3-	336ACSR	2457	2474	2482	352	19	0	0	0.00	0.06	0
CO5647+	CO5646	0.86	2 3-	336ACSR	2434	2441	2444	352	11	0	0	0.00	0.06	0
CO-1212848583+	CO5647	0.87	0 3-	2ACSR	2432	2439	2442	352	0	0	0	0.00	0.06	0
CO1575988242+	CO-1212848583	0.87	0 3-	2ACSR	2431	2437	2440	352	0	0	0	0.00	0.06	0
CO5539+	CO5647	1.05	1 1-	4ACSR	0	0	2314	348	0	0	0	0.00	0.06	0
CO5706+	CO5507	0.70	206 3-	2ACSR	2478	2503	2514	352	948	21	12	0.00	0.06	3
OC160+	CO5706	0.70	206 3-	70 L OCR	2478	2503	2514	352	948	21	31	0.00	0.06	0
CO5707+	OC160	0.75	206 3-	2ACSR	2457	2471	2480	352	948	21	12	0.01	0.07	21
CO5545+	CO5707	0.83	0 1-	4ACSR	0	0	2430	350	0	0	0	0.00	0.07	0
CO5670+	CO5707	0.78	206 3-	2ACSR	2448	2457	2467	351	948	21	12	0.01	0.08	9
CO5671+	CO5670	0.84	206 3-	2ACSR	2423	2429	2428	350	948	21	12	0.02	0.10	25
CO5648+	CO5671	0.86	206 3-	2ACSR	2413	2417	2412	350	948	21	12	0.01	0.10	10
CO8310+	CO5648	0.93	201 3-	2ACSR	2387	2387	2372	349	909	20	11	0.02	0.12	25
CO5201+	CO8310	0.96	200 3-	2ACSR	2372	2370	2349	348	900	20	11	0.01	0.13	14
CO5064+	CO5201	1.03	1 1-	4ACSR	0	0	2306	347	0	0	0	0.00	0.13	0
CO5042+	CO5042	1.03	199 3-	2ACSR	2344	2337	2307	347	900	20	11	0.02	0.15	26
CO5198+	CO5042	1.10	3 1-	4ACSR	0	0	2263	346	23	1	1	0.00	0.15	0
CO5199+	CO5198	1.16	2 1-	4ACSR	0	0	2217	344	11	0	1	0.00	0.15	0
CO-936360901+	CO5199	1.20	1 1-	2ACSR	0	0	2195	344	0	0	0	0.00	0.15	0
CO5200+	CO5199	1.23	1 1-	4ACSR	0	0	2174	343	11	0	1	0.00	0.15	0
CO5043+	CO5042	1.09	195 3-	2ACSR	2320	2310	2272	347	874	19	11	0.02	0.16	21
CO5044+	CO5043	1.20	185 3-	2ACSR	2275	2258	2206	345	834	18	10	0.03	0.19	36
CO5189+	CO5044	1.30	182 3-	2ACSR	2238	2215	2154	343	811	18	10	0.02	0.21	29
XFMR181	CO5189	1.30	181 3-	333 KVA 1PH AUT	1071	1070	1062	176	810	18	79	0.68	0.89	0
CO5190	XFMR181	1.51	181 3-	2ACSR	1040	1034	1014	174	810	36	20	0.20	1.09	264
CO5188	CO5190	1.60	181 3-	2ACSR	1027	1020	994	174	809	36	20	0.08	1.18	108
CO5045	CO5188	1.64	180 3-	2ACSR	1021	1013	986	173	797	36	20	0.04	1.22	49
CO5046	CO5045	1.66	164 3-	2ACSR	1017	1009	980	173	738	33	19	0.02	1.24	25
CO5172	CO5046	1.76	3 1-	4ACSR	0	0	957	172	11	1	1	0.00	1.24	0
CO5173	CO5172	1.87	1 1-	4ACSR	0	0	933	171	0	0	0	0.00	1.24	0
CO5174	CO5173	1.93	1 1-	4ACSR	0	0	918	170	0	0	0	0.00	1.24	0
CO5175	CO5174	2.00	1 1-	4ACSR	0	0	904	169	0	0	0	0.00	1.24	0
CO5047	CO5046	1.75	159 3-	2ACSR	1005	995	963	172	716	32	18	0.07	1.31	77
CO5069	CO5047	1.78	1 1-	4ACSR	0	0	954	172	9	1	1	0.00	1.31	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5169	CO5047	1.81	2 1-	4ACSR	0	0	949	172	16	2	2	0.01	1.31	0
CO5170	CO5169	1.84	2 1-	4ACSR	0	0	941	171	16	2	2	0.00	1.31	0
CO5070	CO5170	1.87	1 1-	4ACSR	0	0	935	171	6	0	1	0.00	1.32	0
CO5171	CO5170	1.87	1 1-	4ACSR	0	0	934	171	9	1	1	0.00	1.32	0
CO5167	CO5047	1.81	155 3-	2ACSR	996	984	950	172	684	31	17	0.05	1.36	57
CO5168	CO5167	1.94	155 3-	2ACSR	978	963	925	171	683	31	17	0.10	1.46	111
CO5166	CO5168	1.99	153 3-	2ACSR	970	954	914	171	680	30	17	0.04	1.50	47
CO5048	CO5166	2.08	152 3-	2ACSR	957	939	896	170	670	30	17	0.07	1.58	78
CO5164	CO5048	2.13	2 1-	4ACSR	0	0	886	169	8	1	1	0.00	1.58	0
CO5165	CO5164	2.22	2 1-	4ACSR	0	0	868	168	8	1	1	0.00	1.58	0
CO5163	CO5048	2.11	1 1-	4ACSR	0	0	890	170	10	1	1	0.00	1.58	0
CO5162	CO5163	2.22	1 1-	4ACSR	0	0	867	168	10	1	1	0.00	1.58	0
CO5050	CO5048	2.21	149 3-	2ACSR	938	918	872	169	652	29	17	0.10	1.68	107
CO5107	CO5050	2.29	2 1-	4ACSR	0	0	856	168	1	0	0	0.00	1.68	0
CO5159	CO5050	2.41	147 3-	2ACSR	911	888	837	167	651	29	16	0.15	1.83	158
CO5160	CO5159	2.50	147 3-	2ACSR	899	874	822	167	650	29	16	0.07	1.90	73
CO5161	CO5160	2.56	146 3-	2ACSR	892	866	813	166	647	29	16	0.04	1.94	44
CO5282	CO5161	2.56	7 1-	6ACWC	0	0	811	166	22	3	2	0.00	1.94	0
OC138	CO5282	2.56	7 1-	10 N FUSE	0	0	811	166	22	3	30	0.00	1.94	0
CO5283	OC138	2.74	7 1-	6ACWC	0	0	779	165	22	3	2	0.02	1.96	0
CO5156	CO5283	2.98	6 1-	6ACWC	0	0	738	162	20	2	2	0.03	1.99	0
CO5106	CO5156	3.05	1 1-	2ACSR	0	0	728	162	0	0	0	0.00	1.99	0
CO5074	CO5156	3.02	1 1-	4ACSR	0	0	731	162	1	0	0	0.00	1.99	0
CO5157	CO5156	3.17	3 1-	6ACWC	0	0	706	160	15	2	2	0.01	2.00	0
CO5158	CO5157	3.25	2 1-	2ACSR	0	0	697	160	7	0	1	0.00	2.01	0
CO-368108086	CO5158	3.29	0 1-	2ACSR	0	0	691	159	0	0	0	0.00	2.01	0
CO-1304904973	CO5158	3.43	2 1-	2ACSR	0	0	674	159	7	0	1	0.01	2.01	0
CO5076	CO-1304904973	3.47	1 1-	4ACSR	0	0	668	158	6	0	1	0.00	2.01	0
CO5075	CO-1304904973	3.47	1 1-	4ACSR	0	0	668	158	1	0	0	0.00	2.01	0
CO5109	CO5161	3.26	139 3-	2ACSR	805	769	710	161	625	28	16	0.52	2.46	522
CO5154	CO5109	3.36	138 3-	2ACSR	793	756	697	161	616	28	16	0.07	2.53	71
CO5155	CO5154	3.51	136 3-	2ACSR	776	738	678	160	610	28	16	0.11	2.64	108
CO5151	CO5155	3.61	4 1-	4ACSR	0	0	664	159	14	1	1	0.01	2.65	0
CO5152	CO5151	3.75	3 1-	4ACSR	0	0	644	157	14	1	1	0.01	2.66	0
CO5153	CO5152	3.86	2 1-	4ACSR	0	0	629	156	6	0	1	0.00	2.66	0
CO-1883019117	CO5153	3.90	1 1-	2ACSR	0	0	626	156	6	0	0	0.00	2.66	0
CO-380523974	CO-1883019117	3.95	1 1-	2ACSR	0	0	620	156	6	0	0	0.00	2.67	0
CO1855604674	CO-380523974	4.01	1 1-	2ACSR	0	0	614	155	6	0	0	0.00	2.67	0
CO5149	CO5155	3.53	132 3-	2ACSR	774	736	676	160	595	27	15	0.01	2.66	14
CO5150	CO5149	3.64	132 3-	2ACSR	762	723	663	159	595	27	15	0.08	2.73	73
CO5148	CO5150	3.74	131 3-	2ACSR	751	711	651	158	587	26	15	0.07	2.80	69
CO5146	CO5148	3.81	128 3-	2ACSR	745	705	644	158	575	26	15	0.04	2.85	40
CO5147	CO5146	3.89	127 3-	2ACSR	736	696	634	157	573	26	15	0.06	2.91	55
CO5083	CO5147	3.97	1 1-	4ACSR	0	0	624	156	11	1	1	0.00	2.91	0
CO5082	CO5147	3.95	1 1-	4ACSR	0	0	627	157	2	0	0	0.00	2.91	0
CO5284	CO5147	3.90	17 1-	6ACWC	0	0	634	157	82	11	8	0.00	2.91	0
OC137	CO5284	3.90	17 1-	10 N FUSE	0	0	634	157	82	11	113	0.00	2.91	0
CO5285	OC137	4.05	17 1-	6ACWC	0	0	614	156	82	11	8	0.07	2.98	10
CO5137	CO5285	4.32	16 1-	6ACWC	0	0	583	153	77	10	8	0.13	3.11	16
CO5081	CO5137	4.46	1 1-	4ACSR	0	0	567	152	0	0	0	0.00	3.11	0
CO5080	CO5137	4.34	0 1-	4ACSR	0	0	580	153	0	0	0	0.00	3.11	0
CO5138	CO5137	4.36	15 1-	6ACWC	0	0	579	153	77	10	8	0.02	3.13	2

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5139	CO5138	4.52	15 1-	6ACWC	0	0	561	152	77	10	8	0.08	3.21	10
CO5274	CO5139	4.59	5 1-	2ACSR	0	0	554	151	29	4	2	0.01	3.22	0
CO1958208634	CO5274	4.66	4 1-	2ACSR	0	0	549	151	20	2	2	0.01	3.22	0
CO279939660	CO1958208634	4.74	1 1-	2ACSR	0	0	542	150	7	0	1	0.00	3.22	0
CO-1465172700	CO1958208634	4.78	3 1-	2ACSR	0	0	539	150	13	1	1	0.01	3.23	0
CO4068	CO-1465172700	4.87	3 1-	2ACSR	0	0	532	149	13	1	1	0.00	3.23	0
CO-1714568151	CO4068	4.94	1 1-	2ACSR	0	0	526	149	0	0	0	0.00	3.23	0
CO4067	CO4068	4.92	1 1-	2ACSR	0	0	528	149	11	1	1	0.00	3.23	0
CO3906	CO-1465172700	4.82	0 1-	2ACSR	0	0	535	150	0	0	0	0.00	3.23	0
CO5290	CO5274	4.63	1 1-	750 MCM - 42 Wi	0	0	553	151	9	1	0	0.00	3.22	0
CO5103	CO5139	4.59	1 1-	2ACSR	0	0	554	151	12	1	1	0.00	3.21	0
CO5140	CO5139	4.60	9 1-	6ACWC	0	0	553	151	36	4	4	0.01	3.22	0
CO8268	CO5140	4.77	4 1-	4ACSR	0	0	535	149	12	1	1	0.01	3.23	0
CO3970	CO8268	4.85	3 1-	4ACSR	0	0	527	149	9	1	1	0.00	3.24	0
CO3881	CO3970	4.93	0 1-	4ACSR	0	0	519	148	0	0	0	0.00	3.24	0
CO3973	CO3970	5.02	3 1-	4ACSR	0	0	511	147	9	1	1	0.01	3.25	0
CO3972	CO3973	5.11	3 1-	4ACSR	0	0	503	147	9	1	1	0.00	3.25	0
CO3974	CO3972	5.19	1 1-	4ACSR	0	0	495	146	0	0	0	0.00	3.25	0
CO3971	CO3974	5.33	1 1-	4ACSR	0	0	484	145	0	0	0	0.00	3.25	0
CO5141	CO5140	4.77	3 1-	4ACSR	0	0	534	149	8	1	1	0.01	3.23	0
CO5142	CO5141	4.86	2 1-	4ACSR	0	0	526	149	6	0	1	0.00	3.23	0
CO5144	CO5142	4.99	1 1-	2ACSR	0	0	516	148	6	0	0	0.00	3.23	0
CO5145	CO5144	5.03	1 1-	2ACSR	0	0	513	148	6	0	0	0.00	3.24	0
CO5143	CO5142	4.97	1 1-	4ACSR	0	0	515	148	0	0	0	0.00	3.23	0
CO5135	CO5147	3.97	106 3-	2ACSR	728	689	626	157	477	21	12	0.04	2.95	32
CO5136	CO5135	4.08	103 3-	2ACSR	717	679	614	156	462	21	12	0.06	3.01	48
CO5084	CO5136	4.20	1 1-	4ACSR	0	0	600	155	8	1	1	0.00	3.01	0
CO5133	CO5136	4.17	101 3-	2ACSR	708	670	605	155	453	20	12	0.05	3.06	36
CO5134	CO5133	4.27	99 3-	2ACSR	699	662	596	155	443	20	11	0.05	3.11	34
CO5132	CO5134	4.30	98 3-	2ACSR	696	659	593	155	427	19	11	0.02	3.13	13
CO8269	CO5132	4.44	96 3-	2ACSR	683	647	580	154	418	19	11	0.07	3.20	47
CO-1664755867	CO8269	4.48	0 1-	2ACSR	0	0	576	153	0	0	0	0.00	3.20	0
CO3975	CO8269	4.50	95 3-	2ACSR	677	641	574	153	407	18	10	0.03	3.23	20
CO3855	CO3975	4.58	93 3-	2ACSR	670	635	567	153	398	18	10	0.04	3.26	25
CO3978	CO3855	4.73	92 3-	2ACSR	658	623	555	152	394	18	10	0.07	3.33	42
CO3977	CO3978	4.76	90 3-	2ACSR	655	621	552	152	384	17	10	0.01	3.34	9
CO3979	CO3977	4.95	90 3-	2ACSR	639	606	536	151	384	17	10	0.09	3.43	55
CO693508343	CO3979	5.19	90 3-	2ACSR	620	588	517	149	384	17	10	0.11	3.54	70
CO-684338064	CO693508343	5.20	89 3-	2ACSR	619	587	517	149	378	17	10	0.00	3.55	2
CO4005	CO-684338064	5.30	60 3-	2ACSR	612	580	509	148	251	11	6	0.03	3.58	12
CO4003	CO4005	5.39	59 3-	2ACSR	605	574	503	148	245	11	6	0.03	3.61	11
CO4004	CO4003	5.49	58 3-	2ACSR	597	567	496	147	243	11	6	0.03	3.63	12
CO3893	CO4004	5.56	1 1-	4ACSR	0	0	490	147	0	0	0	0.00	3.63	0
CO4048	CO4004	5.55	1 1-	4ACSR	0	0	491	147	0	0	0	0.00	3.63	0
CO4049	CO4048	5.67	1 1-	4ACSR	0	0	481	146	0	0	0	0.00	3.63	0
CO4007	CO4004	5.53	56 3-	2ACSR	595	565	493	147	243	11	6	0.01	3.64	4
CO4006	CO4007	5.68	55 3-	2ACSR	584	555	483	146	238	11	6	0.04	3.69	17
CO4088	CO4006	5.68	9 1-	4ACSR	0	0	483	146	11	1	1	0.00	3.69	0
OC118	CO4088	5.68	9 1-	15 H OCR	0	0	483	146	11	1	10	0.00	3.69	0
CO4089	OC118	5.85	9 1-	4ACSR	0	0	469	145	11	1	1	0.01	3.70	0
CO3892	CO4089	5.92	1 1-	4ACSR	0	0	464	144	7	0	1	0.00	3.70	0
CO4009	CO4089	5.94	8 1-	4ACSR	0	0	463	144	4	0	0	0.00	3.70	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4011	CO4009	6.07	8 1-	4ACSR	0	0	453	143	4	0	0	0.00	3.70	0
CO4010	CO4011	6.15	7 1-	4ACSR	0	0	447	142	2	0	0	0.00	3.70	0
CO4008	CO4010	6.21	7 1-	4ACSR	0	0	443	142	2	0	0	0.00	3.71	0
CO3894	CO4008	6.52	0 1-	4ACSR	0	0	422	140	0	0	0	0.00	3.71	0
CO4013	CO4008	6.34	7 1-	2ACSR	0	0	436	141	2	0	0	0.00	3.71	0
CO4012	CO4013	6.44	7 1-	2ACSR	0	0	431	141	2	0	0	0.00	3.71	0
CO3859	CO4012	6.50	6 1-	2ACSR	0	0	428	140	2	0	0	0.00	3.71	0
CO8261	CO3859	6.74	5 1-	2ACSR	0	0	415	139	1	0	0	0.00	3.71	0
CO3686	CO8261	6.90	4 1-	2ACSR	0	0	407	138	1	0	0	0.00	3.71	0
CO3687	CO3686	7.14	4 1-	2ACSR	0	0	396	137	1	0	0	0.00	3.71	0
CO2995	CO3687	7.29	4 1-	2ACSR	0	0	390	136	1	0	0	0.00	3.71	0
CO3688	CO2995	7.37	2 1-	4ACSR	0	0	385	136	0	0	0	0.00	3.71	0
CO3689	CO3688	7.39	2 1-	4ACSR	0	0	384	136	0	0	0	0.00	3.71	0
CO3690	CO3689	7.59	1 1-	4ACSR	0	0	374	134	0	0	0	0.00	3.71	0
CO2996	CO2995	7.54	1 1-	2ACSR	0	0	379	135	0	0	0	0.00	3.71	0
CO3082	CO3687	7.20	0 1-	4ACSR	0	0	393	137	0	0	0	0.00	3.71	0
CO4014	CO3859	6.73	0 1-	4ACSR	0	0	413	139	0	0	0	0.00	3.71	0
CO8304	CO4014	7.13	0 1-	4ACSR	0	0	389	136	0	0	0	0.00	3.71	0
CO4805	CO8304	7.38	0 1-	4ACSR	0	0	376	134	0	0	0	0.00	3.71	0
CO4806	CO4805	7.45	0 1-	4ACSR	0	0	372	133	0	0	0	0.00	3.71	0
CO4050	CO4012	6.49	1 1-	4ACSR	0	0	428	140	0	0	0	0.00	3.71	0
CO4051	CO4050	6.52	1 1-	4ACSR	0	0	425	140	0	0	0	0.00	3.71	0
CO4015	CO4006	5.74	45 3-	2ACSR	580	551	479	146	225	10	6	0.02	3.70	7
CO4017	CO4015	5.84	45 3-	2ACSR	573	544	473	145	225	10	6	0.03	3.73	10
CO4016	CO4017	5.94	43 3-	2ACSR	566	538	467	145	212	9	5	0.02	3.76	8
CO3862	CO4016	6.08	33 3-	2ACSR	557	530	458	144	169	7	4	0.03	3.78	8
CO3863	CO3862	6.25	31 3-	2ACSR	546	520	448	143	162	7	4	0.03	3.82	9
CO3901	CO3863	6.35	1 1-	4ACSR	0	0	442	142	1	0	0	0.00	3.82	0
CO3864	CO3863	6.32	30 3-	2ACSR	542	516	444	143	161	7	4	0.01	3.83	3
CO8250	CO3864	6.40	28 3-	2ACSR	537	511	440	142	159	7	4	0.02	3.85	4
CO2998	CO8250	6.84	23 3-	2ACSR	512	488	417	140	133	6	3	0.07	3.92	15
CO3725	CO2998	6.91	12 3-	2ACSR	508	484	414	139	97	4	3	0.01	3.92	0
CO3726	CO3725	6.96	12 3-	2ACSR	505	482	411	139	97	4	3	0.01	3.93	0
CO3727	CO3726	7.03	12 3-	2ACSR	502	478	408	139	97	4	3	0.01	3.94	0
CO3724	CO3727	7.05	1 1-	4ACSR	0	0	406	139	11	1	1	0.00	3.94	0
CO3723	CO3727	7.12	1 1-	4ACSR	0	0	403	138	9	1	1	0.00	3.94	0
CO3717	CO3727	7.10	10 3-	2ACSR	498	475	404	138	77	3	2	0.01	3.94	0
CO3718	CO3717	7.13	9 3-	2ACSR	496	473	403	138	62	2	2	0.00	3.95	0
CO3719	CO3718	7.20	7 3-	2ACSR	493	470	400	138	41	1	1	0.00	3.95	0
CO3720	CO3719	7.24	5 3-	2ACSR	491	468	398	138	27	1	1	0.00	3.95	0
CO3721	CO3720	7.25	3 3-	2ACSR	490	468	397	138	14	0	0	0.00	3.95	0
CO3722	CO3721	7.38	1 3-	2ACSR	484	462	392	137	0	0	0	0.00	3.95	0
CO3716	CO3722	7.54	1 3-	2ACSR	476	455	385	136	0	0	0	0.00	3.95	0
CO3122	CO3716	7.61	1 1-	4ACSR	0	0	381	136	0	0	0	0.00	3.95	0
CO2999	CO3716	7.65	0 3-	2ACSR	471	449	380	136	0	0	0	0.00	3.95	0
SW109-B	CO2999	7.65	0 3-	Open	471	449	380	136	0	0	0	0.00	3.95	0
CO3827	CO2998	6.85	11 1-	4ACSR	0	0	417	140	36	5	4	0.00	3.92	0
OC100	CO3827	6.85	11 1-	10 N FUSE	0	0	417	140	36	5	50	0.00	3.92	0
CO3828	OC100	6.97	11 1-	4ACSR	0	0	409	139	36	5	4	0.02	3.94	0
CO3728	CO3828	7.18	8 1-	4ACSR	0	0	397	137	26	3	3	0.03	3.97	0
CO3729	CO3728	7.24	3 1-	4ACSR	0	0	393	137	22	2	2	0.01	3.98	0
CO3730	CO3729	7.29	2 1-	4ACSR	0	0	391	137	17	2	2	0.00	3.98	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3731	CO3728	7.28	0 1-	4ACSR	0	0	391	137	0	0	0	0.00	3.97	0
CO8263	CO3731	7.57	0 1-	4ACSR	0	0	376	134	0	0	0	0.00	3.97	0
CO2997	CO8250	6.49	5 1-	4ACSR	0	0	434	141	26	3	3	0.01	3.86	0
CO3732	CO2997	6.58	2 1-	4ACSR	0	0	428	141	8	1	1	0.00	3.86	0
CO3733	CO3732	6.68	2 1-	4ACSR	0	0	421	140	8	1	1	0.00	3.87	0
CO3083	CO2997	6.59	1 1-	4ACSR	0	0	427	141	13	1	1	0.00	3.86	0
CO4057	CO3864	6.40	2 1-	4ACSR	0	0	439	142	2	0	0	0.00	3.83	0
CO3904	CO4057	6.42	1 1-	4ACSR	0	0	438	142	1	0	0	0.00	3.83	0
CO4058	CO4057	6.45	1 1-	4ACSR	0	0	435	142	1	0	0	0.00	3.83	0
CO3902	CO3864	6.44	0 1-	4ACSR	0	0	436	142	0	0	0	0.00	3.83	0
CO3900	CO3862	6.16	1 1-	4ACSR	0	0	453	143	0	0	0	0.00	3.78	0
CO3899	CO3862	6.12	1 1-	4ACSR	0	0	456	144	7	0	1	0.00	3.78	0
CO4082	CO4016	5.95	9 1-	4ACSR	0	0	466	145	32	4	3	0.00	3.76	0
OC115	CO4082	5.95	9 1-	15 H OCR	0	0	466	145	32	4	30	0.00	3.76	0
CO4083	OC115	6.01	9 1-	4ACSR	0	0	461	144	32	4	3	0.01	3.77	0
CO3897	CO4083	6.09	1 1-	4ACSR	0	0	456	144	6	0	1	0.00	3.77	0
CO4019	CO4083	6.32	8 1-	4ACSR	0	0	439	142	26	3	3	0.05	3.82	0
CO4018	CO4019	6.37	7 1-	4ACSR	0	0	436	141	22	2	2	0.01	3.82	0
CO3896	CO4018	6.46	1 1-	4ACSR	0	0	430	141	4	0	0	0.00	3.82	0
CO3895	CO4018	6.44	1 1-	4ACSR	0	0	431	141	0	0	0	0.00	3.82	0
CO3860	CO4018	6.47	5 1-	4ACSR	0	0	429	141	18	2	2	0.01	3.83	0
CO3861	CO3860	6.89	3 1-	4ACSR	0	0	403	137	11	1	1	0.03	3.86	0
CO4055	CO3861	6.95	3 1-	4ACSR	0	0	400	137	11	1	1	0.00	3.87	0
CO4056	CO4055	7.06	2 1-	4ACSR	0	0	393	136	11	1	1	0.01	3.87	0
CO4054	CO4056	7.09	2 1-	4ACSR	0	0	391	136	11	1	1	0.00	3.88	0
CO3898	CO3861	7.00	0 1-	4ACSR	0	0	396	137	0	0	0	0.00	3.86	0
CO4052	CO3860	6.50	2 1-	4ACSR	0	0	427	140	7	0	1	0.00	3.84	0
CO4053	CO4052	6.53	2 1-	4ACSR	0	0	425	140	7	0	1	0.00	3.84	0
CO3907	CO4017	5.90	2 1-	2ACSR	0	0	469	145	13	1	1	0.00	3.73	0
CO3856	CO-684338064	5.52	29 1-	4ACSR	0	0	489	146	128	17	13	0.26	3.81	54
CO3884	CO3856	5.76	1 1-	4ACSR	0	0	469	144	9	1	1	0.01	3.81	0
CO4080	CO3856	5.53	28 1-	4ACSR	0	0	488	146	118	16	12	0.00	3.81	0
OC114	CO4080	5.53	28 1-	25 H OCR	0	0	488	146	118	16	66	0.00	3.81	0
CO4081	OC114	5.74	28 1-	4ACSR	0	0	471	145	118	16	12	0.16	3.97	31
CO3865	CO4081	5.84	23 1-	4ACSR	0	0	464	144	100	13	10	0.06	4.03	10
CO3903	CO3865	5.89	1 1-	4ACSR	0	0	459	143	3	0	0	0.00	4.03	0
CO4023	CO3865	5.90	22 1-	4ACSR	0	0	459	143	97	13	10	0.04	4.07	6
CO4022	CO4023	5.95	21 1-	4ACSR	0	0	455	143	92	12	9	0.03	4.10	5
CO4020	CO4022	6.13	21 1-	4ACSR	0	0	442	141	92	12	9	0.10	4.20	16
CO4021	CO4020	6.20	20 1-	4ACSR	0	0	437	141	91	12	9	0.04	4.24	6
CO3886	CO4021	6.33	2 1-	4ACSR	0	0	428	140	18	2	2	0.01	4.25	0
CO3982	CO4021	6.27	17 1-	4ACSR	0	0	432	140	70	9	7	0.03	4.27	4
CO3980	CO3982	6.39	17 1-	4ACSR	0	0	424	140	70	9	7	0.05	4.33	6
CO3981	CO3980	6.42	16 1-	4ACSR	0	0	422	139	66	9	7	0.01	4.34	0
CO3857	CO3981	6.52	6 1-	4ACSR	0	0	416	139	24	3	2	0.02	4.35	0
CO3991	CO3857	6.61	6 1-	4ACSR	0	0	411	138	24	3	2	0.01	4.37	0
CO3990	CO3991	6.62	5 1-	4ACSR	0	0	410	138	21	2	2	0.00	4.37	0
CO3988	CO3990	6.73	5 1-	4ACSR	0	0	403	137	21	2	2	0.01	4.38	0
CO3989	CO3988	6.81	4 1-	4ACSR	0	0	398	136	18	2	2	0.01	4.39	0
CO3992	CO3989	6.87	4 1-	4ACSR	0	0	395	136	18	2	2	0.01	4.40	0
CO3890	CO3992	7.03	1 1-	4ACSR	0	0	386	135	5	0	1	0.00	4.40	0
CO3858	CO3992	7.12	3 1-	4ACSR	0	0	381	134	13	1	1	0.02	4.41	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3891	CO3858	7.28	1 1-	4ACSR	0	0	373	133	0	0	0	0.00	4.41	0
CO3998	CO3858	7.29	1 1-	4ACSR	0	0	373	133	10	1	1	0.01	4.42	0
CO3997	CO3998	7.52	1 1-	4ACSR	0	0	361	131	10	1	1	0.01	4.44	0
CO3999	CO3997	7.64	1 1-	4ACSR	0	0	355	131	10	1	1	0.01	4.45	0
CO3996	CO3999	7.71	1 1-	4ACSR	0	0	352	130	10	1	1	0.00	4.45	0
CO4000	CO3996	7.86	1 1-	4ACSR	0	0	345	129	10	1	1	0.01	4.46	0
CO3995	CO4000	7.90	1 1-	4ACSR	0	0	343	129	10	1	1	0.00	4.46	0
CO4001	CO3995	7.94	1 1-	4ACSR	0	0	341	129	10	1	1	0.00	4.46	0
CO3994	CO4001	7.98	1 1-	4ACSR	0	0	340	129	10	1	1	0.00	4.47	0
CO4002	CO3994	8.01	1 1-	4ACSR	0	0	339	128	10	1	1	0.00	4.47	0
CO3993	CO4002	8.06	1 1-	4ACSR	0	0	336	128	10	1	1	0.00	4.47	0
CO3887	CO3857	6.57	0 1-	4ACSR	0	0	413	138	0	0	0	0.00	4.35	0
CO4024	CO3981	6.79	9 1-	4ACSR	0	0	399	137	41	5	4	0.10	4.43	7
CO3888	CO4024	6.92	1 1-	4ACSR	0	0	392	136	3	0	0	0.00	4.44	0
CO4077	CO4024	7.01	8 1-	4ACSR	0	0	387	135	38	5	4	0.05	4.49	3
CO3968	CO4077	7.05	6 1-	4ACSR	0	0	385	135	30	4	3	0.01	4.49	0
CO3967	CO3968	7.14	5 1-	4ACSR	0	0	380	134	26	3	3	0.02	4.51	0
CO3969	CO3967	7.33	5 1-	4ACSR	0	0	370	133	26	3	3	0.03	4.54	0
CO3966	CO3969	7.60	4 1-	4ACSR	0	0	357	131	21	2	2	0.04	4.57	0
CO4043	CO3966	7.64	1 1-	4ACSR	0	0	355	131	12	1	1	0.00	4.57	0
CO4044	CO4043	7.69	1 1-	4ACSR	0	0	353	130	12	1	1	0.00	4.58	0
CO4042	CO4044	7.73	1 1-	4ACSR	0	0	351	130	12	1	1	0.00	4.58	0
CO4045	CO4042	7.79	1 1-	4ACSR	0	0	348	130	12	1	1	0.00	4.58	0
CO4046	CO3966	7.65	2 1-	4ACSR	0	0	354	131	8	1	1	0.00	4.57	0
CO4047	CO4046	7.75	1 1-	4ACSR	0	0	350	130	0	0	0	0.00	4.57	0
CO3889	CO4077	7.08	2 1-	4ACSR	0	0	384	135	8	1	1	0.00	4.49	0
CO3885	CO4081	5.79	2 1-	4ACSR	0	0	467	144	10	1	1	0.00	3.97	0
CO3984	CO4081	5.77	3 1-	4ACSR	0	0	468	144	8	1	1	0.00	3.97	0
CO3986	CO3984	6.21	3 1-	4ACSR	0	0	436	141	8	1	1	0.02	3.99	0
CO3985	CO3986	6.24	2 1-	4ACSR	0	0	434	141	5	0	1	0.00	3.99	0
CO3983	CO3985	6.66	2 1-	4ACSR	0	0	407	137	5	0	1	0.01	4.01	0
CO3987	CO3983	6.77	2 1-	4ACSR	0	0	401	137	5	0	1	0.00	4.01	0
CO-254729501	CO693508343	5.34	1 1-	2ACSR	0	0	507	148	5	0	0	0.00	3.55	0
CO3883	CO3855	4.80	1 1-	4ACSR	0	0	544	151	4	0	0	0.00	3.27	0
CO3882	CO3975	4.68	1 1-	4ACSR	0	0	555	152	8	1	1	0.00	3.23	0
CO5085	CO5132	4.42	1 1-	4ACSR	0	0	579	153	10	1	1	0.00	3.13	0
CO5079	CO5148	3.79	1 1-	4ACSR	0	0	644	158	7	0	1	0.00	2.81	0
CO5078	CO5148	3.81	1 1-	4ACSR	0	0	641	158	2	0	0	0.00	2.80	0
CO5077	CO5109	3.38	1 1-	4ACSR	0	0	691	160	6	0	1	0.00	2.46	0
CO5281	CO5050	2.22	0 1-	4ACSR	0	0	871	169	0	0	0	0.00	1.68	0
SW141-A	CO5281	2.22	0 1-	Open	0	0	871	169	0	0	0	0.00	1.68	0
CO5071	CO5166	2.02	1 1-	4ACSR	0	0	907	170	9	1	1	0.00	1.50	0
CO5278	CO5045	1.65	16 1-	4ACSR	0	0	984	173	59	8	6	0.00	1.22	0
OC135	CO5278	1.65	16 1-	50 H OCR	0	0	984	173	59	8	16	0.00	1.22	0
CO5279	OC135	1.81	16 1-	4ACSR	0	0	946	171	59	8	6	0.05	1.27	5
CO5176	CO5279	1.83	15 1-	4ACSR	0	0	941	171	50	6	5	0.01	1.28	0
CO5177	CO5176	1.93	15 1-	4ACSR	0	0	918	170	50	6	5	0.03	1.31	2
CO5178	CO5177	2.02	15 1-	4ACSR	0	0	898	169	50	6	5	0.03	1.34	0
CO5179	CO5178	2.12	14 1-	4ACSR	0	0	877	168	42	5	4	0.02	1.36	0
CO5180	CO5179	2.21	13 1-	4ACSR	0	0	857	167	34	4	3	0.02	1.37	0
CO5049	CO5180	2.28	8 1-	4ACSR	0	0	843	166	22	3	2	0.01	1.38	0
CO5184	CO5049	2.33	5 1-	4ACSR	0	0	832	166	20	2	2	0.01	1.39	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5185	CO5184	2.42	3 1-	4ACSR	0	0	814	165	16	2	2	0.01	1.40	0
CO5073	CO5185	2.48	2 1-	4ACSR	0	0	802	164	8	1	1	0.00	1.40	0
CO5186	CO5185	2.48	1 1-	4ACSR	0	0	801	164	8	1	1	0.00	1.40	0
CO5272	CO5186	2.52	1 1-	4ACSR	0	0	793	164	8	1	1	0.00	1.40	0
CO5104	CO5272	2.56	0 1-	2ACSR	0	0	787	164	0	0	0	0.00	1.40	0
CO5273	CO5272	2.57	0 1-	4ACSR	0	0	783	163	0	0	0	0.00	1.40	0
CO5187	CO5273	2.88	0 1-	4ACSR	0	0	729	160	0	0	0	0.00	1.40	0
CO5280	CO5187	3.18	0 1-	4ACSR	0	0	679	157	0	0	0	0.00	1.40	0
SW141-B	CO5280	3.18	0 1-	Open	0	0	679	157	0	0	0	0.00	1.40	0
CO5181	CO5049	2.30	2 1-	4ACSR	0	0	837	166	1	0	0	0.00	1.38	0
CO5182	CO5181	2.37	1 1-	4ACSR	0	0	823	165	1	0	0	0.00	1.38	0
CO5183	CO5182	2.41	1 1-	4ACSR	0	0	816	165	1	0	0	0.00	1.38	0
CO5072	CO5180	2.25	1 1-	4ACSR	0	0	848	167	2	0	0	0.00	1.38	0
CO5068	CO5188	1.63	1 1-	4ACSR	0	0	988	173	12	1	1	0.00	1.18	0
CO5067+	CO5044	1.25	1 1-	4ACSR	0	0	2176	344	5	0	0	0.00	0.19	0
CO5066+	CO5044	1.27	1 1-	4ACSR	0	0	2161	343	8	0	0	0.00	0.19	0
CO5191+	CO5043	1.15	8 1-	4ACSR	0	0	2232	345	20	1	1	0.00	0.16	0
CO5192+	CO5191	1.18	6 1-	4ACSR	0	0	2211	344	13	0	1	0.00	0.16	0
CO5193+	CO5192	1.21	5 1-	4ACSR	0	0	2191	344	7	0	0	0.00	0.17	0
CO5194+	CO5193	1.39	4 1-	4ACSR	0	0	2076	340	5	0	0	0.00	0.17	0
CO5065+	CO5194	1.43	1 1-	4ACSR	0	0	2054	339	3	0	0	0.00	0.17	0
CO5195+	CO5194	1.43	3 1-	4ACSR	0	0	2053	339	3	0	0	0.00	0.17	0
CO5196+	CO5195	1.48	1 1-	4ACSR	0	0	2025	338	0	0	0	0.00	0.17	0
CO5197+	CO5196	1.57	1 1-	4ACSR	0	0	1971	336	0	0	0	0.00	0.17	0
CO5617+	CO5648	0.93	4 1-	4ACSR	0	0	2367	349	27	1	1	0.00	0.10	0
CO5618+	CO5617	0.96	1 1-	4ACSR	0	0	2342	348	8	0	0	0.00	0.10	0
CO5538+	CO5650	0.81	2 1-	4ACSR	0	0	2425	349	9	0	0	0.00	0.05	0
CO5536+	CO5505	0.36	2 1-	4ACSR	0	0	2663	353	6	0	0	0.00	0.03	0
CO5535+	CO5505	0.33	3 1-	4ACSR	0	0	2688	353	12	0	1	0.00	0.03	0
CO5615+	CO5580	0.33	3 1-	4ACSR	0	0	2668	352	4	0	0	0.00	0.02	0
CO5616+	CO5615	0.37	2 1-	4ACSR	0	0	2633	351	4	0	0	0.00	0.02	0
CO5637+	CO5634	0.01	440 3-	750 MCM - 42 Wi	2694	2837	2875	356	1916	43	4	0.00	0.00	0
MudSock+	CO5637	0.01	440 3-	560 200WVE	2694	2837	2875	356	1916	43	8	0.00	0.00	0
CO5664+	MudSock	0.02	440 3-	1/0ACSR	2691	2830	2869	355	1916	43	19	0.00	0.01	9
CO5665+	CO5664	0.11	440 3-	1/0ACSR	2649	2758	2798	354	1916	43	19	0.03	0.04	100
CO5569+	CO5665	0.23	440 3-	1/0ACSR	2596	2671	2709	353	1915	43	19	0.05	0.09	129
CO5570+	CO5569	0.29	440 3-	1/0ACSR	2572	2633	2669	353	1915	43	19	0.02	0.11	60
CO5501+	CO5570	0.47	438 3-	1/0ACSR	2498	2529	2551	351	1905	42	19	0.07	0.17	186
CO5605+	CO5501	0.57	2 1-	4ACSR	0	0	2475	349	5	0	0	0.00	0.17	0
CO5604+	CO5605	0.66	2 1-	4ACSR	0	0	2400	346	5	0	0	0.00	0.17	0
CO5573+	CO5501	0.64	436 3-	1/0ACSR	2428	2447	2443	349	1899	42	19	0.06	0.24	182
CO5571+	CO5573	0.80	436 3-	1/0ACSR	2367	2375	2350	347	1898	42	19	0.06	0.29	165
CO5572+	CO5571	0.99	435 3-	1/0ACSR	2295	2291	2245	345	1890	42	19	0.07	0.37	200
CO17141+	CO5572	1.34	202 3-	1/0ACSR	2174	2151	2076	342	856	19	8	0.06	0.42	74
CO12251+	CO17141	1.46	202 3-	1/0ACSR	2133	2103	2020	340	856	19	8	0.02	0.44	27
CO12250+	CO12251	1.47	200 3-	1/0ACSR	2129	2099	2015	340	851	19	8	0.00	0.45	3
CO12249+	CO12250	1.71	200 3-	1/0ACSR	2053	2013	1915	338	851	19	8	0.04	0.49	51
CO12196+	CO12249	1.81	0 1-	4ACSR	0	0	1864	336	0	0	0	0.00	0.49	0
CO12161+	CO12249	1.85	200 3-	2ACSR	2007	1960	1856	336	850	19	11	0.03	0.52	45
AU2030824619	CO12161	1.85	200 3-	333 KVA 1PH AUT	1047	1044	1026	175	850	19	83	0.67	1.19	0
CO12157	AU2030824619	2.21	200 3-	2ACSR	994	983	948	172	850	38	21	0.36	1.55	496

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12160	CO12157	2.39	199 3-	2ACSR	969	954	913	171	847	38	21	0.17	1.73	238
CO12156	CO12160	2.59	199 3-	2ACSR	941	923	877	169	846	38	21	0.19	1.92	264
CO12192	CO12156	2.68	1 1-	4ACSR	0	0	857	168	0	0	0	0.00	1.92	0
OC-1526328048	CO12192	2.68	0 1-	20 N FUSE	0	0	857	168	0	0	0	0.00	1.92	0
CO12248	CO12156	2.75	198 3-	2ACSR	919	897	847	168	844	38	21	0.16	2.09	222
CO12247	CO12248	3.42	198 3-	2ACSR	833	801	743	163	843	38	21	0.66	2.75	897
CO12159	CO12247	3.51	196 3-	2ACSR	822	789	730	163	824	37	21	0.09	2.83	118
CO12191	CO12159	3.67	4 1-	4ACSR	0	0	704	161	23	3	2	0.02	2.85	0
OC1131000945	CO12191	3.67	3 1-	20 N FUSE	0	0	704	161	17	2	12	0.00	2.85	0
CO12286	OC1131000945	3.73	2 1-	4ACSR	0	0	696	160	11	1	1	0.00	2.86	0
CO12285	CO12286	3.74	1 1-	4ACSR	0	0	693	160	0	0	0	0.00	2.86	0
CO12190	OC1131000945	3.74	1 1-	4ACSR	0	0	694	160	6	0	1	0.00	2.85	0
CO12158	CO12159	3.57	192 3-	2ACSR	815	781	722	162	800	36	20	0.06	2.89	76
CO17134	CO12158	4.15	192 3-	2ACSR	750	711	650	158	800	36	20	0.55	3.44	717
CO12555	CO17134	4.33	192 3-	2ACSR	732	692	630	157	797	36	20	0.17	3.62	225
CO12556	CO12555	4.42	192 3-	2ACSR	722	683	621	156	796	36	20	0.09	3.70	111
OC-786214371	CO12556	4.42	190 3-	20 N FUSE	722	683	621	156	786	36	182	0.00	3.70	0
CO12560	OC-786214371	4.45	190 3-	2ACSR	720	681	618	156	786	36	20	0.02	3.72	30
CO12559	CO12560	4.53	189 3-	2ACSR	712	674	610	156	781	36	20	0.08	3.80	97
CO12636	CO12559	4.57	4 1-	6ACWC	0	0	605	155	14	1	1	0.00	3.80	0
OC-1454076942	CO12636	4.57	1 1-	20 N FUSE	0	0	605	155	3	0	2	0.00	3.80	0
CO12544	OC-1454076942	4.63	1 1-	2ACSR	0	0	599	155	3	0	0	0.00	3.80	0
CO12637	OC-1454076942	4.88	0 1-	6ACWC	0	0	569	153	0	0	0	0.00	3.80	0
CO12558	CO12559	4.62	185 3-	2ACSR	703	665	600	155	767	35	20	0.08	3.89	106
CO12522	CO12558	4.70	1 1-	4ACSR	0	0	592	155	6	0	1	0.00	3.89	0
OC-653547389	CO12522	4.70	0 1-	20 N FUSE	0	0	592	155	0	0	0	0.00	3.89	0
CO12557	CO12558	5.15	184 3-	2ACSR	656	621	553	152	761	35	20	0.47	4.36	590
CO12688	CO12557	5.15	103 3-	1/0ACSR	656	621	553	152	437	20	9	0.00	4.36	0
OC353	CO12688	5.15	103 3-	50 H OCR	656	621	553	152	437	20	41	0.00	4.36	0
CO12689	OC353	5.27	103 3-	1/0ACSR	648	613	545	151	437	20	9	0.04	4.40	27
CO12580	CO12689	5.51	103 3-	1/0ACSR	632	598	528	150	437	20	9	0.09	4.49	58
CO12552	CO12580	5.62	1 1-	2ACSR	0	0	520	150	4	0	0	0.00	4.49	0
OC-280530938	CO12552	5.62	0 1-	20 N FUSE	0	0	520	150	0	0	0	0.00	4.49	0
CO12585	CO12580	5.83	99 3-	1/0ACSR	612	579	509	149	420	19	8	0.10	4.59	68
CO12584	CO12585	6.11	98 3-	1/0ACSR	595	563	493	148	416	19	8	0.09	4.68	60
CO12586	CO12584	6.18	98 3-	1/0ACSR	591	559	488	147	416	19	8	0.02	4.71	16
CO12512	CO12586	6.30	96 3-	1/0ACSR	584	553	482	147	405	18	8	0.04	4.75	25
CO12587	CO12512	6.47	95 3-	1/0ACSR	575	544	473	146	395	18	8	0.05	4.80	31
CO12589	CO12587	6.66	95 3-	1/0ACSR	564	534	463	145	395	18	8	0.06	4.86	39
CO12590	CO12589	6.77	95 3-	1/0ACSR	559	529	458	145	394	18	8	0.03	4.89	20
CO12588	CO12590	6.96	95 3-	1/0ACSR	549	520	449	144	394	18	8	0.06	4.95	37
CO17068	CO12588	7.03	93 3-	1/0ACSR	546	516	445	144	383	17	8	0.02	4.97	13
CO17067	CO17068	7.25	22 1-	4ACSR	0	0	431	142	89	12	9	0.12	5.10	18
OC-952471558	CO17067	7.25	22 1-	20 N FUSE	0	0	431	142	89	12	62	0.00	5.10	0
CO17069	OC-952471558	7.28	3 1-	4ACSR	0	0	429	142	7	0	1	0.00	5.10	0
CO13079	CO17069	7.37	1 1-	4ACSR	0	0	423	141	1	0	0	0.00	5.10	0
CO12513	OC-952471558	7.54	19 1-	4ACSR	0	0	412	140	82	11	8	0.15	5.25	21
CO12514	CO12513	7.70	17 1-	4ACSR	0	0	403	139	80	11	8	0.08	5.33	11
CO12591	CO12514	7.75	15 1-	4ACSR	0	0	400	138	76	10	8	0.02	5.35	3
CO12593	CO12591	8.02	13 1-	4ACSR	0	0	385	136	67	9	7	0.12	5.47	13
CO12592	CO12593	8.17	13 1-	4ACSR	0	0	378	135	67	9	7	0.06	5.53	7
CO12531	CO12592	8.27	0 1-	4ACSR	0	0	373	135	0	0	0	0.00	5.53	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12515	CO12592	8.26	11 1-	4ACSR	0	0	373	135	63	8	6	0.04	5.56	4
CO12532	CO12515	8.33	1 1-	4ACSR	0	0	369	134	7	0	1	0.00	5.56	0
CO12516	CO12515	8.33	10 1-	4ACSR	0	0	369	134	56	7	6	0.03	5.59	2
CO12649	CO12516	8.37	5 1-	4ACSR	0	0	368	134	23	3	2	0.00	5.59	0
CO12648	CO12649	8.41	4 1-	4ACSR	0	0	366	134	15	2	2	0.00	5.59	0
CO12650	CO12648	8.47	1 1-	4ACSR	0	0	363	133	5	0	1	0.00	5.59	0
CO12595	CO12516	8.47	5 1-	4ACSR	0	0	362	133	33	4	3	0.03	5.62	0
CO12594	CO12595	8.56	5 1-	4ACSR	0	0	358	133	33	4	3	0.02	5.63	0
CO12599	CO12594	8.62	4 1-	4ACSR	0	0	355	132	29	4	3	0.01	5.64	0
CO12596	CO12599	8.69	2 1-	4ACSR	0	0	352	132	13	1	1	0.01	5.65	0
CO12598	CO12596	8.91	2 1-	4ACSR	0	0	342	130	13	1	1	0.02	5.67	0
CO12597	CO12598	9.01	2 1-	4ACSR	0	0	338	130	13	1	1	0.01	5.67	0
CO17075	CO12597	9.21	2 1-	4ACSR	0	0	330	128	13	1	1	0.01	5.68	0
CO12533	CO12594	8.77	0 1-	4ACSR	0	0	349	131	0	0	0	0.00	5.63	0
CO17074	CO12514	7.81	2 1-	4ACSR	0	0	397	138	4	0	0	0.00	5.33	0
CO13080	CO17074	7.97	2 1-	4ACSR	0	0	388	137	4	0	0	0.00	5.33	0
CO12954	CO13080	8.10	1 1-	4ACSR	0	0	381	136	3	0	0	0.00	5.34	0
CO17073	CO12513	7.63	2 1-	4ACSR	0	0	407	139	2	0	0	0.00	5.25	0
CO17066	CO17068	7.23	23 1-	4ACSR	0	0	432	142	99	13	10	0.12	5.09	20
OC-2102486065	CO17066	7.23	22 1-	20 N FUSE	0	0	432	142	93	13	65	0.00	5.09	0
CO12551	OC-2102486065	7.29	1 1-	2ACSR	0	0	429	142	0	0	0	0.00	5.09	0
CO12600	OC-2102486065	7.33	21 1-	4ACSR	0	0	425	142	93	13	9	0.06	5.15	9
CO12603	CO12600	7.41	21 1-	4ACSR	0	0	421	141	93	13	9	0.04	5.20	7
CO12602	CO12603	7.43	20 1-	4ACSR	0	0	419	141	87	12	9	0.01	5.21	0
CO12601	CO12602	7.52	20 1-	4ACSR	0	0	414	140	87	12	9	0.05	5.26	7
CO12668	CO12601	7.71	12 1-	4ACSR	0	0	403	139	52	7	5	0.06	5.32	6
OC-762001619	CO12668	7.71	12 1-	20 N FUSE	0	0	403	139	52	7	37	0.00	5.32	0
CO12670	OC-762001619	7.84	12 1-	4ACSR	0	0	395	138	52	7	5	0.04	5.36	3
CO12669	CO12670	7.95	11 1-	4ACSR	0	0	389	137	49	6	5	0.03	5.40	3
CO12550	CO12669	8.01	2 1-	2ACSR	0	0	387	137	8	1	1	0.00	5.40	0
CO-1996308526	CO12550	8.05	1 1-	2ACSR	0	0	385	136	0	0	0	0.00	5.40	0
CO12671	CO12669	8.14	9 1-	4ACSR	0	0	379	136	41	5	4	0.05	5.44	3
OC1942811558	CO12671	8.14	8 1-	20 N FUSE	0	0	379	136	35	4	24	0.00	5.44	0
CO12673	OC1942811558	8.34	8 1-	4ACSR	0	0	369	134	35	4	3	0.04	5.49	3
CO12672	CO12673	8.50	8 1-	4ACSR	0	0	361	133	35	4	3	0.04	5.52	0
CO12606	CO12672	8.59	5 1-	4ACSR	0	0	357	132	30	4	3	0.02	5.54	0
CO12605	CO12606	8.70	5 1-	4ACSR	0	0	352	132	30	4	3	0.02	5.56	0
CO12652	CO12605	8.81	2 1-	4ACSR	0	0	347	131	12	1	1	0.01	5.56	0
CO12651	CO12652	8.85	1 1-	4ACSR	0	0	345	131	9	1	1	0.00	5.57	0
CO12607	CO12605	8.88	3 1-	4ACSR	0	0	344	130	18	2	2	0.02	5.58	0
CO12609	CO12607	9.00	3 1-	4ACSR	0	0	339	130	18	2	2	0.01	5.59	0
CO12608	CO12609	9.08	3 1-	4ACSR	0	0	335	129	18	2	2	0.01	5.60	0
CO12674	CO12608	9.32	2 1-	4ACSR	0	0	326	128	16	2	2	0.02	5.63	0
CO12610	CO12674	9.38	2 1-	4ACSR	0	0	323	127	16	2	2	0.01	5.63	0
CO12656	CO12610	9.48	2 1-	4ACSR	0	0	320	127	16	2	2	0.01	5.64	0
CO12677	CO12656	9.59	1 1-	4ACSR	0	0	315	126	6	0	1	0.00	5.64	0
CO12653	CO12608	9.10	1 1-	4ACSR	0	0	334	129	2	0	0	0.00	5.60	0
CO12676	CO12653	9.13	0 1-	4ACSR	0	0	333	129	0	0	0	0.00	5.60	0
CO12675	CO12672	8.75	3 1-	4ACSR	0	0	350	131	5	0	0	0.01	5.53	0
CO12611	CO12675	8.82	1 1-	4ACSR	0	0	347	131	2	0	0	0.00	5.53	0
CO12534	CO12611	8.94	1 1-	4ACSR	0	0	341	130	2	0	0	0.00	5.53	0
CO12613	CO12611	9.05	0 1-	4ACSR	0	0	337	129	0	0	0	0.00	5.53	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12612	CO12613	9.59	0 1-	4ACSR	0	0	315	126	0	0	0	0.00	5.53	0
CO12604	CO12601	7.63	8 1-	4ACSR	0	0	407	139	35	4	3	0.02	5.28	0
CO389472522	CO12604	7.66	7 1-	2ACSR	0	0	406	139	29	4	2	0.00	5.28	0
CO1891483247	CO389472522	7.69	0 1-	2ACSR	0	0	404	139	0	0	0	0.00	5.28	0
CO1233779298	CO389472522	7.71	7 1-	2ACSR	0	0	403	139	29	4	2	0.01	5.29	0
CO13146	CO1233779298	7.79	7 1-	4ACSR	0	0	399	138	29	4	3	0.01	5.30	0
CO13062	CO13146	8.01	7 1-	4ACSR	0	0	387	137	29	4	3	0.04	5.34	0
CO12942	CO13062	8.18	3 1-	4ACSR	0	0	378	135	22	3	2	0.02	5.36	0
CO12975	CO12942	8.23	1 1-	4ACSR	0	0	375	135	11	1	1	0.00	5.37	0
CO13089	CO12942	8.27	2 1-	4ACSR	0	0	373	135	11	1	1	0.00	5.37	0
CO13090	CO13089	8.36	1 1-	4ACSR	0	0	369	134	1	0	0	0.00	5.37	0
CO12976	CO13062	8.09	3 1-	4ACSR	0	0	383	136	3	0	0	0.00	5.34	0
RG1260263416	CO17066	7.23	0 1-		0	0	432	142	0	0	0	-5.09	0.00	0
CO17065	CO17068	7.11	2 1-	4ACSR	0	0	440	143	9	1	1	0.00	4.98	0
OC-2087731482	CO17065	7.11	1 1-	20 N FUSE	0	0	440	143	2	0	2	0.00	4.98	0
CO12646	OC-2087731482	7.20	1 1-	4ACSR	0	0	434	143	2	0	0	0.00	4.98	0
CO12647	CO12646	7.35	1 1-	4ACSR	0	0	424	141	2	0	0	0.00	4.98	0
CO13061	CO17068	7.08	46 3-	1/0ACSR	543	514	443	144	186	8	4	0.01	4.98	0
CO13060	CO13061	7.14	44 3-	1/0ACSR	541	512	440	144	172	8	3	0.01	4.99	2
CO12974	CO13060	7.17	2 1-	4ACSR	0	0	438	143	7	0	1	0.00	4.99	0
CO13018	CO13060	7.21	42 3-	1/0ACSR	537	508	437	143	165	7	3	0.01	5.00	2
CO13019	CO13018	7.26	41 3-	1/0ACSR	535	506	435	143	162	7	3	0.01	5.00	0
CO13139	CO13019	7.27	14 1-	4ACSR	0	0	435	143	46	6	5	0.00	5.01	0
OC367	CO13139	7.27	14 1-	10 N FUSE	0	0	435	143	46	6	64	0.00	5.01	0
CO13140	OC367	7.32	14 1-	4ACSR	0	0	431	143	46	6	5	0.01	5.02	0
CO13017	CO13140	7.38	13 1-	4ACSR	0	0	428	142	38	5	4	0.01	5.03	0
CO12956	CO13017	7.48	2 1-	4ACSR	0	0	421	141	6	0	1	0.00	5.03	0
CO12935	CO13017	7.48	9 1-	4ACSR	0	0	421	141	29	4	3	0.02	5.05	0
CO12936	CO12935	7.61	6 1-	4ACSR	0	0	413	140	22	3	2	0.02	5.07	0
CO13132	CO12936	7.81	2 1-	4ACSR	0	0	401	139	9	1	1	0.01	5.08	0
CO13131	CO13132	7.98	2 1-	4ACSR	0	0	392	138	9	1	1	0.01	5.09	0
CO13133	CO13131	8.16	2 1-	4ACSR	0	0	382	136	9	1	1	0.01	5.09	0
CO13134	CO13133	8.40	1 1-	4ACSR	0	0	370	135	2	0	0	0.00	5.10	0
CO13119	CO12936	7.70	4 1-	4ACSR	0	0	408	140	13	1	1	0.01	5.07	0
CO13120	CO13119	7.74	1 1-	4ACSR	0	0	405	139	9	1	1	0.00	5.08	0
CO13020	CO13120	7.77	1 1-	4ACSR	0	0	404	139	9	1	1	0.00	5.08	0
CO13081	CO12935	7.54	2 1-	4ACSR	0	0	417	141	4	0	0	0.00	5.05	0
CO13082	CO13081	7.63	1 1-	4ACSR	0	0	412	140	3	0	0	0.00	5.05	0
CO13015	CO13019	7.29	26 1-	4ACSR	0	0	433	143	110	15	11	0.02	5.02	4
OC-1613202408	CO13015	7.29	25 1-	20 N FUSE	0	0	433	143	102	14	71	0.00	5.02	0
CO13016	OC-1613202408	7.31	25 1-	4ACSR	0	0	432	143	102	14	10	0.01	5.04	2
CO13118	CO13016	7.33	23 1-	4ACSR	0	0	431	143	98	13	10	0.01	5.04	0
CO13117	CO13118	7.38	23 1-	4ACSR	0	0	428	142	98	13	10	0.03	5.07	5
CO13116	CO13117	7.40	21 1-	4ACSR	0	0	426	142	90	12	9	0.02	5.09	2
CO13115	CO13116	7.46	21 1-	4ACSR	0	0	422	141	90	12	9	0.03	5.12	5
CO13013	CO13115	7.55	17 1-	4ACSR	0	0	417	141	66	9	7	0.04	5.16	4
CO13014	CO13013	7.65	17 1-	4ACSR	0	0	411	140	65	9	7	0.04	5.20	4
CO12960	CO13014	7.69	1 1-	4ACSR	0	0	408	140	5	0	0	0.00	5.20	0
CO13053	CO13014	7.92	16 1-	4ACSR	0	0	395	138	61	8	6	0.11	5.31	11
CO13054	CO13053	8.09	16 1-	2ACSR	0	0	388	137	61	8	5	0.04	5.35	4
CO-294656787	CO13054	8.18	1 1-	2ACSR	0	0	384	137	0	0	0	0.00	5.35	0
CO1731411902	CO13054	8.27	15 1-	2ACSR	0	0	380	136	61	8	5	0.05	5.40	5

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO12933	CO1731411902	8.46	14 1-	4ACSR	0	0	371	135	59	8	6	0.07	5.47	7
CO13109	CO12933	8.64	8 1-	4ACSR	0	0	362	134	27	3	3	0.03	5.50	0
CO13107	CO13109	8.80	3 1-	2ACSR	0	0	356	133	0	0	0	0.00	5.50	0
CO-1704988279	CO13107	8.82	0 1-	2ACSR	0	0	355	133	0	0	0	0.00	5.50	0
CO1167701816	CO-1704988279	8.85	0 1-	2ACSR	0	0	354	133	0	0	0	0.00	5.50	0
CO-648436079	CO13107	8.83	2 1-	2ACSR	0	0	355	133	0	0	0	0.00	5.50	0
CO1539917502	CO-648436079	8.86	2 1-	2ACSR	0	0	354	133	0	0	0	0.00	5.50	0
CO-1944702631	CO-648436079	8.89	0 1-	2ACSR	0	0	353	132	0	0	0	0.00	5.50	0
CO301998963	CO13107	8.84	1 1-	2ACSR	0	0	354	133	0	0	0	0.00	5.50	0
CO13110	CO13109	8.87	4 1-	4ACSR	0	0	351	132	19	2	2	0.02	5.52	0
CO12999	CO13110	9.16	2 1-	4ACSR	0	0	338	130	12	1	1	0.02	5.54	0
CO12937	CO12999	9.27	2 1-	4ACSR	0	0	334	129	12	1	1	0.01	5.55	0
CO12964	CO12937	9.36	1 1-	4ACSR	0	0	330	129	0	0	0	0.00	5.55	0
CO12963	CO12937	9.34	1 1-	4ACSR	0	0	331	129	12	1	1	0.00	5.55	0
CO12962	CO12999	9.50	0 1-	4ACSR	0	0	325	128	0	0	0	0.00	5.54	0
CO12934	CO12933	8.79	5 1-	4ACSR	0	0	355	133	23	3	2	0.05	5.52	0
CO12966	CO12934	8.93	1 1-	4ACSR	0	0	348	132	4	0	0	0.00	5.52	0
CO13056	CO12934	8.81	2 1-	4ACSR	0	0	354	132	3	0	0	0.00	5.52	0
CO13055	CO13056	9.16	2 1-	4ACSR	0	0	339	130	3	0	0	0.00	5.52	0
CO17256	CO13055	9.44	1 1-	4ACSR	0	0	327	128	0	0	0	0.00	5.52	0
CO15097	CO17256	9.53	0 1-	4ACSR	0	0	324	128	0	0	0	0.00	5.52	0
CO13010	CO12934	8.88	2 1-	4ACSR	0	0	351	132	16	2	2	0.01	5.52	0
CO1230961170	CO13010	8.92	1 1-	2ACSR	0	0	349	132	4	0	0	0.00	5.52	0
CO-1277480587	CO1230961170	8.94	0 1-	2ACSR	0	0	348	132	0	0	0	0.00	5.52	0
CO-476803983	CO1230961170	8.95	1 1-	2ACSR	0	0	348	132	4	0	0	0.00	5.52	0
CO13012	CO-476803983	8.98	1 1-	4ACSR	0	0	347	131	4	0	0	0.00	5.52	0
CO13083	CO13012	9.02	0 1-	4ACSR	0	0	345	131	0	0	0	0.00	5.52	0
CO13084	CO13083	9.14	0 1-	4ACSR	0	0	340	130	0	0	0	0.00	5.52	0
CO12967	CO13012	9.05	1 1-	4ACSR	0	0	344	131	4	0	0	0.00	5.52	0
CO12965	CO12933	8.58	1 1-	4ACSR	0	0	365	134	10	1	1	0.00	5.47	0
CO12961	CO1731411902	8.40	1 1-	4ACSR	0	0	373	135	2	0	0	0.00	5.40	0
CO12957	CO13115	7.58	3 1-	4ACSR	0	0	415	141	23	3	2	0.01	5.14	0
CO12959	CO12957	7.64	1 1-	4ACSR	0	0	411	140	1	0	0	0.00	5.14	0
CO12958	CO12957	7.64	1 1-	4ACSR	0	0	411	140	8	1	1	0.00	5.14	0
CO12530	CO12586	6.26	2 1-	4ACSR	0	0	482	147	10	1	1	0.00	4.71	0
OC-757049892	CO12530	6.26	0 1-	20 N FUSE	0	0	482	147	0	0	0	0.00	4.71	0
CO12582	CO12580	5.55	3 1-	4ACSR	0	0	525	150	13	1	1	0.00	4.49	0
OC1573540888	CO12582	5.55	2 1-	20 N FUSE	0	0	525	150	12	1	8	0.00	4.49	0
CO12581	OC1573540888	5.62	2 1-	4ACSR	0	0	518	149	12	1	1	0.00	4.49	0
CO12583	CO12581	5.94	1 1-	4ACSR	0	0	490	147	11	1	1	0.01	4.50	0
CO12510	CO12557	5.27	81 3-	2ACSR	646	612	543	151	321	14	8	0.05	4.40	24
CO12511	CO12510	5.44	81 3-	2ACSR	633	599	530	150	321	14	8	0.06	4.47	34
CO12643	CO12511	5.49	5 1-	4ACSR	0	0	524	150	20	2	2	0.01	4.47	0
OC-1179359716	CO12643	5.49	4 1-	20 N FUSE	0	0	524	150	15	2	10	0.00	4.47	0
CO12645	OC-1179359716	5.56	4 1-	4ACSR	0	0	517	149	15	2	1	0.01	4.48	0
CO12644	CO12645	5.64	2 1-	4ACSR	0	0	511	148	14	1	1	0.00	4.48	0
CO12517	CO12511	5.51	75 3-	2ACSR	627	594	524	150	299	13	8	0.03	4.49	13
CO-830036226	CO12517	5.54	2 1-	2ACSR	0	0	521	149	14	1	1	0.00	4.50	0
OC-142616561	CO-830036226	5.54	0 1-	20 N FUSE	0	0	521	149	0	0	0	0.00	4.50	0
CO12523	CO12517	5.58	0 1-	4ACSR	0	0	517	149	0	0	0	0.00	4.49	0
OC-1789565953	CO12523	5.58	0 1-	20 N FUSE	0	0	517	149	0	0	0	0.00	4.49	0
CO12684	CO12517	5.52	73 3-	2ACSR	626	593	523	150	285	13	7	0.00	4.50	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC356	CO12684	5.52	73 3-	70 L OCR	626	593	523	150	285	13	19	0.00	4.50	0
CO12685	OC356	5.67	73 3-	2ACSR	615	583	512	149	285	13	7	0.05	4.55	24
CO12565	CO12685	5.77	72 3-	2ACSR	607	576	505	148	282	13	7	0.03	4.58	16
CO12564	CO12565	5.88	72 3-	2ACSR	598	568	497	147	282	13	7	0.04	4.62	17
CO12524	CO12564	5.93	1 1-	4ACSR	0	0	493	147	0	0	0	0.00	4.62	0
OC-1255196449	CO12524	5.93	0 1-	20 N FUSE	0	0	493	147	0	0	0	0.00	4.62	0
CO12567	CO12564	5.92	70 3-	2ACSR	596	565	494	147	271	12	7	0.01	4.63	6
CO12566	CO12567	6.02	69 3-	2ACSR	589	559	488	147	268	12	7	0.03	4.66	13
OC-1164588784	CO12566	6.02	66 3-	20 N FUSE	589	559	488	147	253	11	59	0.00	4.66	0
CO12571	OC-1164588784	6.11	66 3-	2ACSR	582	553	481	146	253	11	7	0.03	4.69	12
CO12568	CO12571	6.23	66 3-	2ACSR	574	545	474	145	253	11	7	0.04	4.73	15
CO12570	CO12568	6.40	65 3-	2ACSR	562	534	463	144	247	11	6	0.05	4.78	21
CO12569	CO12570	6.49	65 3-	2ACSR	557	530	458	144	247	11	6	0.02	4.80	10
CO12686	CO12569	6.49	4 1-	4ACSR	0	0	458	144	22	3	2	0.00	4.80	0
OC351	CO12686	6.49	4 1-	10 N FUSE	0	0	458	144	22	3	31	0.00	4.80	0
CO12687	OC351	6.56	4 1-	4ACSR	0	0	453	143	22	3	2	0.01	4.81	0
CO12543	CO12687	6.60	1 1-	2ACSR	0	0	451	143	6	0	0	0.00	4.81	0
CO12542	CO12687	6.59	1 1-	2ACSR	0	0	451	143	0	0	0	0.00	4.81	0
CO12579	CO12687	6.59	2 1-	4ACSR	0	0	451	143	16	2	2	0.00	4.82	0
CO12578	CO12579	6.87	2 1-	4ACSR	0	0	431	141	16	2	2	0.03	4.84	0
CO12549	CO12578	6.93	1 1-	2ACSR	0	0	428	141	1	0	0	0.00	4.85	0
CO12577	CO12578	6.98	1 1-	4ACSR	0	0	424	140	15	2	2	0.01	4.85	0
CO12527	CO12569	6.56	1 1-	4ACSR	0	0	453	143	0	0	0	0.00	4.80	0
OC946580761	CO12527	6.56	0 1-	20 N FUSE	0	0	453	143	0	0	0	0.00	4.80	0
CO12573	CO12569	6.64	60 3-	2ACSR	548	521	449	143	225	10	6	0.04	4.84	15
CO12572	CO12573	6.77	60 3-	2ACSR	540	513	442	142	225	10	6	0.03	4.88	13
CO12528	CO12572	6.93	1 1-	4ACSR	0	0	431	141	0	0	0	0.00	4.88	0
OC1231073616	CO12528	6.93	0 1-	20 N FUSE	0	0	431	141	0	0	0	0.00	4.88	0
CO12574	CO12572	6.85	59 3-	2ACSR	535	509	438	142	224	10	6	0.02	4.90	8
CO12576	CO12574	6.89	59 3-	2ACSR	532	507	435	142	224	10	6	0.01	4.91	4
CO12575	CO12576	6.94	59 3-	2ACSR	530	504	433	142	224	10	6	0.01	4.92	4
CO17072	CO12575	7.13	57 3-	2ACSR	519	494	423	141	219	10	6	0.05	4.97	18
CO12883	CO17072	7.21	0 1-	4ACSR	0	0	418	140	0	0	0	0.00	4.97	0
OC231723694	CO12883	7.21	0 1-	20 N FUSE	0	0	418	140	0	0	0	0.00	4.97	0
CO12882	OC231723694	7.23	0 1-	4ACSR	0	0	417	140	0	0	0	0.00	4.97	0
CO12782	CO17072	7.40	54 3-	2ACSR	504	480	410	139	201	9	5	0.06	5.04	22
CO12781	CO12782	7.70	54 3-	2ACSR	488	465	395	137	201	9	5	0.07	5.11	24
CO12698	CO12781	7.86	44 1-	4ACSR	0	0	387	136	147	20	15	0.14	5.25	34
CO12913	CO12698	7.86	42 1-	4ACSR	0	0	387	136	138	19	14	0.01	5.26	0
OC358	CO12913	7.86	42 1-	35 H OCR	0	0	387	136	138	19	55	0.00	5.26	0
CO12914	OC358	7.92	42 1-	4ACSR	0	0	383	136	138	19	14	0.05	5.31	12
CO12720	CO12914	8.00	1 1-	4ACSR	0	0	380	135	0	0	0	0.00	5.31	0
CO12786	CO12914	8.00	41 1-	4ACSR	0	0	379	135	137	19	14	0.07	5.37	15
CO12783	CO12786	8.07	41 1-	4ACSR	0	0	376	135	137	19	14	0.06	5.44	14
CO12785	CO12783	8.14	40 1-	4ACSR	0	0	372	134	128	18	13	0.06	5.50	13
CO12784	CO12785	8.29	40 1-	4ACSR	0	0	365	133	128	18	13	0.12	5.62	26
CO12699	CO12784	8.43	38 1-	4ACSR	0	0	358	132	119	16	12	0.10	5.72	20
CO12736	CO12699	8.46	1 1-	4ACSR	0	0	357	132	0	0	0	0.00	5.72	0
CO12778	CO12699	8.48	12 1-	4ACSR	0	0	356	132	26	3	3	0.01	5.73	0
CO12739	CO12778	8.59	0 1-	2ACSR	0	0	352	131	0	0	0	0.00	5.73	0
CO12779	CO12778	8.55	12 1-	4ACSR	0	0	352	132	26	3	3	0.01	5.74	0
CO12780	CO12779	8.74	12 1-	4ACSR	0	0	344	130	26	3	3	0.03	5.77	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17148	CO12780	8.83	11 1-	4ACSR	0	0	340	130	23	3	2	0.01	5.78	0
CO12410	CO17148	8.96	11 1-	4ACSR	0	0	335	129	23	3	2	0.02	5.80	0
CO12409	CO12410	9.10	10 1-	4ACSR	0	0	329	128	21	3	2	0.02	5.82	0
CO12346	CO12409	9.17	1 1-	4ACSR	0	0	326	127	3	0	0	0.00	5.82	0
CO12408	CO12409	9.53	9 1-	4ACSR	0	0	312	125	19	2	2	0.05	5.87	0
CO17137	CO12408	9.73	9 1-	4ACSR	0	0	305	124	19	2	2	0.02	5.89	0
CO12207	CO17137	9.86	8 1-	4ACSR	0	0	301	123	18	2	2	0.01	5.91	0
CO12297	CO12207	9.92	5 1-	4ACSR	0	0	299	123	12	1	1	0.00	5.91	0
CO12298	CO12297	10.20	5 1-	4ACSR	0	0	289	121	12	1	1	0.02	5.93	0
CO12145	CO12298	10.44	4 1-	4ACSR	0	0	282	120	11	1	1	0.02	5.95	0
CO12175	CO12145	10.53	1 1-	4ACSR	0	0	279	119	0	0	0	0.00	5.95	0
CO12219	CO12145	10.54	3 1-	4ACSR	0	0	279	119	10	1	1	0.01	5.95	0
CO12315	CO12219	10.64	3 1-	4ACSR	0	0	276	119	10	1	1	0.01	5.96	0
CO12314	CO12315	10.65	2 1-	4ACSR	0	0	276	119	10	1	1	0.00	5.96	0
CO12144	CO12314	10.85	2 1-	4ACSR	0	0	270	118	10	1	1	0.01	5.97	0
CO12271	CO12144	10.90	1 1-	4ACSR	0	0	269	117	1	0	0	0.00	5.97	0
CO12268	CO12271	10.93	1 1-	4ACSR	0	0	268	117	1	0	0	0.00	5.97	0
CO12270	CO12268	10.94	1 1-	4ACSR	0	0	268	117	1	0	0	0.00	5.97	0
CO12269	CO12270	10.97	0 1-	4ACSR	0	0	267	117	0	0	0	0.00	5.97	0
CO12218	CO12144	11.20	1 1-	4ACSR	0	0	261	116	9	1	1	0.02	5.99	0
CO12217	CO12218	11.41	1 1-	4ACSR	0	0	256	115	9	1	1	0.01	6.01	0
CO12273	CO12217	11.55	1 1-	4ACSR	0	0	252	114	9	1	1	0.01	6.01	0
CO12272	CO12273	11.78	1 1-	4ACSR	0	0	246	113	9	1	1	0.01	6.02	0
CO12174	CO12217	11.59	0 1-	4ACSR	0	0	251	114	0	0	0	0.00	6.01	0
CO12173	CO12217	11.48	0 1-	4ACSR	0	0	254	114	0	0	0	0.00	6.01	0
CO12275	CO12298	10.38	1 1-	4ACSR	0	0	284	120	1	0	0	0.00	5.93	0
CO12274	CO12275	10.53	1 1-	4ACSR	0	0	280	119	1	0	0	0.00	5.93	0
CO12296	CO12207	9.91	3 1-	2ACSR	0	0	299	123	6	0	0	0.00	5.91	0
CO12293	CO12296	9.95	3 1-	2ACSR	0	0	298	123	6	0	0	0.00	5.91	0
CO12295	CO12293	10.03	3 1-	2ACSR	0	0	296	123	6	0	0	0.00	5.91	0
CO12294	CO12295	10.10	2 1-	2ACSR	0	0	294	122	3	0	0	0.00	5.91	0
CO12176	CO17137	9.92	1 1-	4ACSR	0	0	299	123	1	0	0	0.00	5.89	0
CO12911	CO12699	8.43	25 1-	4ACSR	0	0	358	132	93	13	9	0.00	5.72	0
OC357	CO12911	8.43	25 1-	15 H OCR	0	0	358	132	93	13	87	0.00	5.72	0
CO12912	OC357	8.62	25 1-	4ACSR	0	0	349	131	93	13	9	0.11	5.83	16
CO12787	CO12912	8.64	23 1-	4ACSR	0	0	348	131	90	12	9	0.01	5.84	0
CO1852699732	CO12787	8.73	22 1-	2ACSR	0	0	345	131	81	11	6	0.03	5.87	4
CO1632010690	CO1852699732	8.77	1 1-	2ACSR	0	0	344	130	6	0	0	0.00	5.87	0
CO-59308175	CO1852699732	8.82	21 1-	2ACSR	0	0	342	130	75	10	6	0.03	5.90	4
CO12492	CO-59308175	8.83	21 1-	4ACSR	0	0	342	130	75	10	8	0.00	5.91	0
CO12388	CO12492	8.85	21 1-	4ACSR	0	0	341	130	75	10	8	0.01	5.92	0
CO12322	CO12388	9.07	20 1-	4ACSR	0	0	332	128	69	9	7	0.10	6.01	11
CO12413	CO12322	9.10	18 1-	4ACSR	0	0	331	128	67	9	7	0.01	6.02	0
CO12412	CO12413	9.18	18 1-	4ACSR	0	0	327	128	67	9	7	0.04	6.06	4
CO12349	CO12412	9.24	1 1-	4ACSR	0	0	325	127	1	0	0	0.00	6.06	0
CO12389	CO12412	9.24	17 1-	4ACSR	0	0	325	127	66	9	7	0.03	6.09	3
CO12493	CO12389	9.50	16 1-	4ACSR	0	0	315	126	62	8	6	0.09	6.18	9
CO12494	CO12493	9.58	14 1-	4ACSR	0	0	312	125	53	7	5	0.03	6.21	2
CO12323	CO12494	9.75	14 1-	4ACSR	0	0	306	124	53	7	5	0.06	6.26	5
CO12333	CO12323	9.80	9 1-	4ACSR	0	0	304	124	37	5	4	0.01	6.28	0
CO12362	CO12333	9.84	1 1-	4ACSR	0	0	303	124	4	0	0	0.00	6.28	0
CO12361	CO12333	9.89	1 1-	4ACSR	0	0	301	123	0	0	0	0.00	6.28	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12332	CO12333	9.96	7 1-	4ACSR	0	0	299	123	33	4	3	0.03	6.31	0
CO12452	CO12332	10.01	0 1-	4ACSR	0	0	297	123	0	0	0	0.00	6.31	0
CO12453	CO12452	10.16	0 1-	4ACSR	0	0	292	122	0	0	0	0.00	6.31	0
CO12416	CO12332	10.04	7 1-	4ACSR	0	0	296	122	33	4	3	0.02	6.33	0
CO-1608617526	CO12416	10.15	6 1-	2ACSR	0	0	293	122	30	4	2	0.01	6.34	0
CO1982593815	CO-1608617526	10.20	5 1-	2ACSR	0	0	292	122	21	2	2	0.00	6.35	0
CO12415	CO1982593815	10.27	5 1-	4ACSR	0	0	290	121	21	2	2	0.01	6.35	0
CO12417	CO12415	10.37	4 1-	4ACSR	0	0	287	121	12	1	1	0.01	6.36	0
CO12419	CO12417	10.48	4 1-	4ACSR	0	0	283	120	12	1	1	0.01	6.37	0
CO12418	CO12419	10.58	3 1-	4ACSR	0	0	280	120	3	0	0	0.00	6.37	0
CO12351	CO12415	10.30	1 1-	4ACSR	0	0	289	121	8	1	1	0.00	6.35	0
CO903706296	CO-1608617526	10.24	1 1-	2ACSR	0	0	291	122	10	1	1	0.00	6.34	0
CO885278505	CO903706296	10.33	1 1-	2ACSR	0	0	289	121	10	1	1	0.00	6.35	0
CO12387	CO12323	9.96	5 1-	4ACSR	0	0	299	123	16	2	2	0.02	6.28	0
CO12491	CO12387	10.14	4 1-	4ACSR	0	0	293	122	13	1	1	0.02	6.30	0
CO12489	CO12491	10.21	4 1-	4ACSR	0	0	290	121	13	1	1	0.00	6.30	0
CO12490	CO12489	10.64	2 1-	4ACSR	0	0	277	119	4	0	0	0.01	6.31	0
CO1449674717	CO12490	10.67	1 1-	2ACSR	0	0	277	119	0	0	0	0.00	6.31	0
CO12350	CO12494	9.60	0 1-	4ACSR	0	0	311	125	0	0	0	0.00	6.21	0
CO12348	CO12322	9.16	2 1-	4ACSR	0	0	328	128	2	0	0	0.00	6.01	0
CO12347	CO12388	8.94	1 1-	4ACSR	0	0	337	129	6	0	1	0.00	5.92	0
CO12889	CO12784	8.35	2 1-	4ACSR	0	0	362	133	9	1	1	0.00	5.62	0
CO12888	CO12889	8.43	1 1-	4ACSR	0	0	358	132	3	0	0	0.00	5.62	0
CO12887	CO12698	7.91	2 1-	4ACSR	0	0	384	136	9	1	1	0.00	5.25	0
CO12886	CO12887	7.94	1 1-	4ACSR	0	0	382	136	6	0	1	0.00	5.25	0
CO12789	CO12781	7.75	8 3-	2ACSR	486	463	393	137	45	2	1	0.00	5.11	0
CO12788	CO12789	8.14	7 3-	2ACSR	467	446	377	135	37	1	1	0.02	5.13	0
CO12735	CO12788	8.18	1 1-	4ACSR	0	0	375	135	4	0	0	0.00	5.13	0
CO12930	CO12788	8.26	2 3-	2ACSR	461	441	372	135	13	0	0	0.00	5.13	0
CO12932	CO12930	8.27	0 3-	750 MCM - 42 Wi	461	441	372	135	0	0	0	0.00	5.13	0
#SW944-A	CO12932	8.27	0 3-	Open	461	441	372	135	0	0	0	0.00	5.13	0
CO12734	CO12930	8.27	2 1-	4ACSR	0	0	371	135	13	1	1	0.00	5.13	0
CO12906	CO12788	8.18	2 1-	4ACSR	0	0	375	135	12	1	1	0.00	5.13	0
CO12905	CO12906	8.19	2 1-	4ACSR	0	0	374	135	12	1	1	0.00	5.13	0
CO12885	CO12781	7.81	2 1-	4ACSR	0	0	390	137	9	1	1	0.00	5.12	0
CO12884	CO12885	7.87	1 1-	4ACSR	0	0	386	136	5	0	0	0.00	5.12	0
CO12915	CO17072	7.14	2 1-	6ACWC	0	0	422	140	9	1	1	0.00	4.97	0
OC359	CO12915	7.14	2 1-	10 N FUSE	0	0	422	140	9	1	12	0.00	4.97	0
CO12916	OC359	7.33	2 1-	6ACWC	0	0	410	139	9	1	1	0.01	4.98	0
CO12704	CO12916	7.38	1 1-	6ACWC	0	0	407	139	0	0	0	0.00	4.98	0
CO12908	CO12704	7.58	0 1-	6ACWC	0	0	396	137	0	0	0	0.00	4.98	0
CO12907	CO12908	7.71	0 1-	6ACWC	0	0	389	136	0	0	0	0.00	4.98	0
CO12719	CO12704	7.58	1 1-	6ACWC	0	0	396	137	0	0	0	0.00	4.98	0
CO12737	CO12916	7.71	1 1-	6ACWC	0	0	389	136	8	1	1	0.01	4.99	0
CO12746	CO12916	7.41	0 1-	2ACSR	0	0	407	139	0	0	0	0.00	4.98	0
CO12529	CO12575	6.97	1 1-	4ACSR	0	0	430	141	0	0	0	0.00	4.92	0
OC1012291314	CO12529	6.97	0 1-	20 N FUSE	0	0	430	141	0	0	0	0.00	4.92	0
CO12526	CO12566	6.14	1 1-	4ACSR	0	0	478	146	7	0	1	0.00	4.66	0
OC-962972047	CO12526	6.14	0 1-	20 N FUSE	0	0	478	146	0	0	0	0.00	4.66	0
CO12525	CO12566	6.08	1 1-	4ACSR	0	0	483	146	0	0	0	0.00	4.66	0
OC564561736	CO12525	6.08	0 1-	20 N FUSE	0	0	483	146	0	0	0	0.00	4.66	0
CO12562	CO12566	4.52	1 1-	4ACSR	0	0	609	156	1	0	0	0.00	3.70	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-910586664	CO12562	4.52	0 1-	20 N FUSE	0	0	609	156	0	0	0	0.00	3.70	0
CO12561	OC-910586664	4.54	0 1-	4ACSR	0	0	606	155	0	0	0	0.00	3.70	0
CO12563	CO12561	4.75	0 1-	4ACSR	0	0	582	153	0	0	0	0.00	3.70	0
CO12155	CO12158	3.64	0 1-	6ACWC	0	0	711	162	0	0	0	0.00	2.89	0
CO12312	CO12155	3.64	0 1-	6ACWC	0	0	710	161	0	0	0	0.00	2.89	0
SW344-B	CO12312	3.64	0 1-	Closed	0	0	710	161	0	0	0	0.00	2.89	0
SW344-A	SW344-B	3.64	0 1-	Closed	0	0	710	161	0	0	0	0.00	2.89	0
CO12313	SW344-A	3.80	0 1-	6ACWC	0	0	686	160	0	0	0	0.00	2.89	0
CO12303	CO12313	3.94	0 1-	6ACWC	0	0	666	159	0	0	0	0.00	2.89	0
CO12222	CO12303	4.02	0 1-	6ACWC	0	0	655	158	0	0	0	0.00	2.89	0
CO12307	CO12222	4.16	0 1-	4ACSR	0	0	636	157	0	0	0	0.00	2.89	0
CO12224	CO12222	4.14	0 1-	6ACWC	0	0	638	157	0	0	0	0.00	2.89	0
CO12223	CO12224	4.23	0 1-	6ACWC	0	0	627	156	0	0	0	0.00	2.89	0
CO12306	CO12223	4.56	0 1-	6ACWC	0	0	587	153	0	0	0	0.00	2.89	0
CO12304	CO12306	4.71	0 1-	6ACWC	0	0	570	152	0	0	0	0.00	2.89	0
CO12226	CO12304	4.90	0 1-	6ACWC	0	0	549	150	0	0	0	0.00	2.89	0
CO12228	CO12226	5.06	0 1-	6ACWC	0	0	533	149	0	0	0	0.00	2.89	0
CO12227	CO12228	5.13	0 1-	6ACWC	0	0	526	148	0	0	0	0.00	2.89	0
CO12225	CO12304	4.75	0 1-	6ACWC	0	0	565	151	0	0	0	0.00	2.89	0
CO12305	CO12225	5.08	0 1-	6ACWC	0	0	530	148	0	0	0	0.00	2.89	0
CO12302	CO12313	3.89	0 1-	4ACSR	0	0	673	159	0	0	0	0.00	2.89	0
CO12278	CO12302	3.96	0 1-	4ACSR	0	0	664	158	0	0	0	0.00	2.89	0
CO12288	CO12247	3.51	2 1-	4ACSR	0	0	727	162	15	2	2	0.01	2.75	0
OC236816406	CO12288	3.51	2 1-	20 N FUSE	0	0	727	162	15	2	11	0.00	2.75	0
CO12287	OC236816406	3.56	2 1-	4ACSR	0	0	719	162	15	2	2	0.00	2.76	0
CO12193	CO12160	2.46	0 1-	4ACSR	0	0	898	170	0	0	0	0.00	1.73	0
CO12194	CO12157	2.55	1 1-	4ACSR	0	0	875	168	1	0	0	0.00	1.55	0
OC1717897217	CO12194	2.55	0 1-	20 N FUSE	0	0	875	168	0	0	0	0.00	1.55	0
CO12195+	CO12161	2.00	0 1-	4ACSR	0	0	1782	333	0	0	0	0.00	0.52	0
CO5653+	CO5572	1.05	5 1-	4ACSR	0	0	2209	344	16	1	1	0.00	0.37	0
CO5654+	CO5653	1.18	4 1-	4ACSR	0	0	2122	341	16	1	1	0.00	0.37	0
CO5574+	CO5654	1.25	3 1-	4ACSR	0	0	2077	339	15	0	1	0.00	0.37	0
CO5531+	CO5574	1.32	3 1-	4ACSR	0	0	2038	338	15	0	1	0.00	0.37	0
CO5530+	CO5574	1.34	0 1-	4ACSR	0	0	2022	338	0	0	0	0.00	0.37	0
CO5710+	CO5572	1.00	226 3-	1/0ACSR	2292	2288	2241	345	1011	22	10	0.00	0.37	0
OC167+	CO5710	1.00	226 3-	70 E OCR	2292	2288	2241	345	1011	22	32	0.00	0.37	0
CO5711+	OC167	1.04	226 3-	1/0ACSR	2276	2269	2218	345	1011	22	10	0.01	0.38	13
CO5720+	CO5711	1.14	226 3-	1/0ACSR	2241	2229	2169	344	1011	22	10	0.02	0.39	29
CO5721+	CO5720	1.15	225 3-	1/0ACSR	2238	2225	2164	344	1010	22	10	0.00	0.40	3
CO5558+	CO5721	1.18	0 1-	2ACSR	0	0	2151	343	0	0	0	0.00	0.40	0
CO5643+	CO5721	1.31	225 3-	1/0ACSR	2184	2163	2090	342	1010	22	10	0.03	0.43	46
CO5644+	CO5643	1.35	225 3-	1/0ACSR	2171	2147	2072	341	1010	22	10	0.01	0.43	12
CO5532+	CO5644	1.39	1 1-	4ACSR	0	0	2047	341	4	0	0	0.00	0.43	0
CO5502+	CO5644	1.52	224 3-	1/0ACSR	2115	2083	1996	340	1006	22	10	0.03	0.47	50
CO5533+	CO5502	1.69	2 1-	4ACSR	0	0	1903	336	12	0	1	0.00	0.47	0
OC1195209938+	CO5533	1.69	0 1-	20 N FUSE	0	0	1903	336	0	0	0	0.00	0.47	0
CO5503+	CO5502	1.69	222 3-	1/0ACSR	2061	2021	1925	338	994	22	10	0.03	0.50	49
CO17275+	CO5503	1.77	11 1-	2ACSR	0	0	1888	337	41	2	2	0.00	0.50	0
CO12309+	CO17275	1.78	11 1-	4ACSR	0	0	1885	337	41	2	2	0.00	0.50	0
OC342+	CO12309	1.78	11 1-	35 E OCR	0	0	1885	337	41	2	8	0.00	0.50	0
CO12308+	OC342	1.80	11 1-	4ACSR	0	0	1871	336	41	2	2	0.00	0.51	0
CO12234+	CO12308	1.86	11 1-	4ACSR	0	0	1841	335	41	2	2	0.00	0.51	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12235+	CO12234	1.93	9 1-	4ACSR	0	0	1811	334	37	2	2	0.00	0.51	0
CO12236+	CO12235	1.99	9 1-	4ACSR	0	0	1780	332	37	2	2	0.00	0.52	0
CO12233+	CO12236	2.16	9 1-	4ACSR	0	0	1701	329	37	2	2	0.01	0.53	0
CO12239+	CO12233	2.23	9 1-	4ACSR	0	0	1668	327	37	2	2	0.00	0.53	0
CO12238+	CO12239	2.31	9 1-	4ACSR	0	0	1632	326	37	2	2	0.00	0.53	0
CO12237+	CO12238	2.41	7 1-	4ACSR	0	0	1592	324	33	2	2	0.00	0.54	0
CO12184+	CO12237	2.46	1 1-	4ACSR	0	0	1572	323	9	0	0	0.00	0.54	0
CO12240+	CO12237	2.60	6 1-	4ACSR	0	0	1517	320	24	1	1	0.01	0.55	0
CO12241+	CO12240	2.71	6 1-	4ACSR	0	0	1474	318	24	1	1	0.00	0.55	0
OC1414459057+	CO12241	2.71	6 1-	20 N FUSE	0	0	1474	318	24	1	8	0.00	0.55	0
CO12187+	OC1414459057	2.76	0 1-	4ACSR	0	0	1455	317	0	0	0	0.00	0.55	0
CO12153+	OC1414459057	3.04	6 1-	4ACSR	0	0	1363	312	24	1	1	0.01	0.56	0
CO12152+	CO12153	3.27	2 1-	4ACSR	0	0	1291	308	3	0	0	0.00	0.56	0
CO12282+	CO12152	3.34	0 1-	4ACSR	0	0	1269	306	0	0	0	0.00	0.56	0
CO12281+	CO12282	3.43	0 1-	4ACSR	0	0	1245	305	0	0	0	0.00	0.56	0
CO12151+	CO12152	3.38	2 1-	4ACSR	0	0	1260	306	3	0	0	0.00	0.56	0
CO12243+	CO12151	3.58	1 1-	4ACSR	0	0	1205	302	3	0	0	0.00	0.56	0
OC-672314428+	CO12243	3.58	1 1-	20 N FUSE	0	0	1205	302	3	0	1	0.00	0.56	0
CO12242+	OC-672314428	3.81	1 1-	4ACSR	0	0	1147	298	3	0	0	0.00	0.56	0
CO12186+	CO12151	3.46	1 1-	4ACSR	0	0	1238	304	0	0	0	0.00	0.56	0
CO12284+	CO12153	3.15	4 1-	4ACSR	0	0	1326	310	22	1	1	0.00	0.56	0
CO12283+	CO12284	3.19	2 1-	4ACSR	0	0	1316	309	9	0	0	0.00	0.56	0
CO12185+	CO12238	2.41	1 1-	4ACSR	0	0	1592	324	0	0	0	0.00	0.53	0
CO5642+	CO5503	1.72	211 3-	1/0ACSR	2051	2010	1912	338	953	21	9	0.01	0.51	9
CO17274+	CO5642	1.92	210 3-	1/0ACSR	1991	1942	1836	336	951	21	9	0.04	0.54	53
CO17273+	CO17274	2.09	1 1-	4ACSR	0	0	1753	332	8	0	0	0.00	0.54	0
CO12154+	CO17274	2.16	208 3-	1/0ACSR	1924	1867	1753	333	933	20	9	0.04	0.59	60
CO12246+	CO12154	2.33	208 3-	1/0ACSR	1877	1815	1695	331	933	20	9	0.03	0.62	44
CO12245+	CO12246	2.38	207 3-	1/0ACSR	1865	1803	1682	331	927	20	9	0.01	0.62	11
CO12244+	CO12245	2.41	190 3-	1/0ACSR	1858	1794	1673	331	852	19	8	0.00	0.63	6
CO17135+	CO12244	2.47	189 3-	1/0ACSR	1842	1777	1655	330	848	19	8	0.01	0.64	12
CO12615+	CO17135	2.56	187 3-	1/0ACSR	1819	1752	1627	329	831	18	8	0.01	0.65	18
CO12614+	CO12615	2.68	186 3-	1/0ACSR	1790	1720	1593	328	822	18	8	0.02	0.67	23
CO12535+	CO12614	2.70	1 1-	4ACSR	0	0	1583	328	2	0	0	0.00	0.67	0
CO12617+	CO12614	2.75	185 3-	1/0ACSR	1772	1700	1572	327	820	18	8	0.01	0.68	15
CO12616+	CO12617	2.87	183 3-	1/0ACSR	1745	1671	1541	326	817	18	8	0.02	0.70	22
CO12553+	CO12616	2.94	2 1-	2ACSR	0	0	1519	325	3	0	0	0.00	0.70	0
CO12518+	CO12616	2.98	181 3-	1/0ACSR	1718	1642	1511	325	813	18	8	0.02	0.72	22
CO12619+	CO12518	3.07	177 3-	1/0ACSR	1699	1621	1489	324	802	18	8	0.01	0.73	16
OC-1629296859+	CO12619	3.07	176 3-	20 N FUSE	1699	1621	1489	324	794	17	90	0.00	0.73	0
CO12618+	OC-1629296859	3.15	176 3-	1/0ACSR	1681	1602	1469	324	794	17	8	0.01	0.75	15
CO12537+	CO12618	3.20	0 1-	4ACSR	0	0	1452	323	0	0	0	0.00	0.75	0
CO12520+	CO12618	3.19	176 3-	1/0ACSR	1672	1593	1459	323	794	17	8	0.01	0.75	7
CO12680+	CO12520	3.20	11 1-	4ACSR	0	0	1457	323	39	2	2	0.00	0.75	0
OC350+	CO12680	3.20	11 1-	10 N FUSE	0	0	1457	323	39	2	26	0.00	0.75	0
CO12681+	OC350	3.37	11 1-	4ACSR	0	0	1402	320	39	2	2	0.01	0.76	0
CO12640+	CO12681	3.58	10 1-	4ACSR	0	0	1337	316	38	2	2	0.01	0.77	0
CO12638+	CO12640	3.62	8 1-	4ACSR	0	0	1325	315	33	2	2	0.00	0.78	0
CO12639+	CO12638	3.72	7 1-	4ACSR	0	0	1296	313	29	1	1	0.00	0.78	0
CO6064+	CO12639	4.08	4 1-	4ACSR	0	0	1203	306	9	0	0	0.00	0.78	0
CO6065+	CO6064	4.20	3 1-	4ACSR	0	0	1172	304	9	0	0	0.00	0.79	0
CO6066+	CO6065	4.46	2 1-	4ACSR	0	0	1113	300	6	0	0	0.00	0.79	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6067+	CO6066	4.52	1 1-	4ACSR	0	0	1100	299	0	0	0	0.00	0.79	0
CO12634+	CO12639	3.88	3 1-	4ACSR	0	0	1252	310	20	1	1	0.00	0.78	0
CO12633+	CO12634	3.92	3 1-	4ACSR	0	0	1243	309	20	1	1	0.00	0.79	0
CO12538+	CO12633	3.96	0 1-	4ACSR	0	0	1231	308	0	0	0	0.00	0.79	0
CO12663+	CO12633	3.97	3 1-	4ACSR	0	0	1230	308	20	1	1	0.00	0.79	0
CO12662+	CO12663	4.11	2 1-	4ACSR	0	0	1194	306	18	1	1	0.00	0.79	0
CO12539+	CO12662	4.21	1 1-	4ACSR	0	0	1171	304	5	0	0	0.00	0.79	0
CO12554+	CO12662	4.18	1 1-	4ACSR	0	0	1178	305	13	0	1	0.00	0.79	0
CO12621+	CO12520	3.30	165 3-	1/0ACSR	1649	1568	1434	322	755	17	7	0.02	0.77	18
CO12620+	CO12621	3.42	165 3-	1/0ACSR	1624	1541	1406	321	755	17	7	0.02	0.79	20
CO12655+	CO12620	3.43	1 1-	4ACSR	0	0	1404	321	1	0	0	0.00	0.79	0
OC708542645+	CO12655	3.43	1 1-	20 N FUSE	0	0	1404	321	1	0	0	0.00	0.79	0
CO12654+	OC708542645	3.54	1 1-	4ACSR	0	0	1371	319	1	0	0	0.00	0.79	0
CO12622+	CO12620	3.51	164 3-	1/0ACSR	1605	1522	1386	320	754	17	7	0.01	0.80	15
CO12624+	CO12622	3.55	164 3-	1/0ACSR	1598	1514	1378	320	754	17	7	0.01	0.80	6
CO12623+	CO12624	3.68	164 3-	1/0ACSR	1572	1487	1351	318	754	17	7	0.02	0.82	22
CO12690+	CO12623	3.79	2 1-	4ACSR	0	0	1319	316	18	1	1	0.00	0.82	0
OC-1154435147+	CO12690	3.79	0 1-	20 N FUSE	0	0	1319	316	0	0	0	0.00	0.82	0
CO12665+	CO12623	3.72	162 3-	1/0ACSR	1563	1478	1341	318	736	16	7	0.01	0.83	7
CO12664+	CO12665	3.74	162 3-	1/0ACSR	1560	1474	1337	318	736	16	7	0.00	0.83	3
CO12660+	CO12664	3.80	3 1-	2ACSR	0	0	1324	317	7	0	0	0.00	0.83	0
OC-1536087156+	CO12660	3.80	2 1-	20 N FUSE	0	0	1324	317	7	0	2	0.00	0.83	0
CO12548+	OC-1536087156	3.86	1 1-	2ACSR	0	0	1309	316	7	0	0	0.00	0.83	0
CO12659+	OC-1536087156	3.88	1 1-	2ACSR	0	0	1305	316	0	0	0	0.00	0.83	0
CO12661+	CO12659	4.04	0 1-	2ACSR	0	0	1270	314	0	0	0	0.00	0.83	0
CO12667+	CO12664	3.88	159 3-	1/0ACSR	1535	1448	1311	317	729	16	7	0.02	0.85	21
CO12666+	CO12667	3.95	159 3-	1/0ACSR	1522	1434	1298	316	729	16	7	0.01	0.86	11
FD-862561099+	CO12666	3.95	159 3-	_DefaultBayEqui	1522	1434	1298	316	729	16	0	0.00	0.86	0
CO12519+	FD-862561099	4.20	159 3-	1/0ACSR	1478	1392	1251	314	729	16	7	0.04	0.90	39
OC-862561099+	CO12519	4.20	158 3-	20 N FUSE	1478	1392	1251	314	721	16	81	0.00	0.90	0
CO12625+	OC-862561099	4.27	158 3-	1/0ACSR	1465	1380	1239	313	721	16	7	0.01	0.91	11
CO12629+	CO12625	4.29	158 3-	1/0ACSR	1461	1376	1234	313	721	16	7	0.00	0.91	4
CO12627+	CO12629	4.37	158 3-	1/0ACSR	1447	1363	1220	312	721	16	7	0.01	0.92	12
CO12546+	CO12627	4.48	2 1-	4ACSR	0	0	1194	310	13	0	1	0.00	0.92	0
OC1074199919+	CO12546	4.48	2 1-	20 N FUSE	0	0	1194	310	13	0	4	0.00	0.92	0
CO12540+	OC1074199919	4.55	2 1-	4ACSR	0	0	1178	309	13	0	1	0.00	0.92	0
CO12626+	CO12627	4.53	154 3-	1/0ACSR	1422	1339	1194	311	708	15	7	0.02	0.94	23
CO12628+	CO12626	4.60	154 3-	1/0ACSR	1410	1327	1182	310	708	15	7	0.01	0.95	11
CO12642+	CO12628	4.67	154 3-	1/0ACSR	1400	1318	1172	309	708	15	7	0.01	0.96	10
CO12641+	CO12642	4.69	154 3-	1/0ACSR	1396	1314	1168	309	708	15	7	0.00	0.96	3
CO12521+	CO12641	4.76	47 1-	2ACSR	0	0	1157	308	228	15	9	0.02	0.98	5
CO12541+	CO12521	4.86	1 1-	4ACSR	0	0	1135	306	4	0	0	0.00	0.98	0
CO12658+	CO12521	4.91	2 1-	2ACSR	0	0	1129	306	7	0	0	0.00	0.98	0
CO12657+	CO12658	5.00	1 1-	2ACSR	0	0	1114	305	3	0	0	0.00	0.98	0
CO12682+	CO12521	4.76	44 1-	2ACSR	0	0	1155	308	216	14	8	0.00	0.98	0
OC348+	CO12682	4.76	44 1-	35 E OCR	0	0	1155	308	216	14	42	0.00	0.98	0
CO12683+	OC348	5.16	44 1-	2ACSR	0	0	1088	303	216	14	8	0.09	1.07	30
CO6068+	CO12683	5.32	43 1-	2ACSR	0	0	1063	301	212	14	8	0.03	1.11	11
CO6071+	CO6068	5.36	41 1-	2ACSR	0	0	1056	301	199	13	7	0.01	1.11	3
CO6072+	CO6071	5.40	40 1-	2ACSR	0	0	1050	300	199	13	7	0.01	1.12	2
CO6073+	CO6072	5.48	38 1-	2ACSR	0	0	1038	299	189	12	7	0.02	1.14	5
CO6074+	CO6073	5.59	36 1-	2ACSR	0	0	1021	298	183	12	7	0.02	1.16	6

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-1589447300+	CO6074	5.64	34 1-	2ACSR	0	0	1014	297	171	11	6	0.01	1.17	2
CO-1438910114+	CO-1589447300	5.80	33 1-	2ACSR	0	0	993	296	161	10	6	0.03	1.20	6
	CO6077+	CO-1438910114	6.08	33 1-	4ACSR	0	0	947	291	161	10	8	0.07	1.26
OC-2082722250+	CO6077	6.08	33 1-	20 N FUSE	0	0	947	291	160	10	54	0.00	1.26	0
	CO6078+	OC-2082722250	6.17	33 1-	4ACSR	0	0	932	289	160	10	8	0.02	1.29
	CO6081+	CO6078	6.27	31 1-	4ACSR	0	0	918	288	148	10	7	0.02	1.31
	CO6082+	CO6081	6.44	31 1-	4ACSR	0	0	893	285	148	10	7	0.04	1.35
	CO5889+	CO6082	6.52	21 1-	4ACSR	0	0	882	284	97	6	5	0.01	1.36
	CO6090+	CO5889	6.60	17 1-	4ACSR	0	0	871	283	85	5	4	0.01	1.37
OC1869166185+	CO6090	6.60	16 1-	20 N FUSE	0	0	871	283	78	5	26	0.00	1.37	0
	CO6091+	OC1869166185	6.71	16 1-	4ACSR	0	0	856	281	78	5	4	0.01	1.38
	CO5915+	CO6091	6.79	1 1-	4ACSR	0	0	845	280	3	0	0	0.00	1.38
	CO5958+	CO6091	7.00	1 1-	4ACSR	0	0	820	277	2	0	0	0.00	1.38
	CO5891+	CO6091	6.84	10 1-	4ACSR	0	0	840	279	63	4	3	0.01	1.39
	CO5892+	CO5891	6.96	9 1-	4ACSR	0	0	825	277	55	3	3	0.01	1.40
	CO6092+	CO5892	7.09	3 1-	4ACSR	0	0	809	275	29	1	1	0.00	1.41
	CO6093+	CO6092	7.10	1 1-	4ACSR	0	0	808	275	11	0	1	0.00	1.41
	CO6094+	CO6093	7.16	1 1-	4ACSR	0	0	800	274	11	0	1	0.00	1.41
	CO5893+	CO5892	7.00	5 1-	4ACSR	0	0	819	277	16	1	1	0.00	1.40
	CO5913+	CO5893	7.08	2 1-	4ACSR	0	0	810	275	6	0	0	0.00	1.40
	CO6095+	CO5893	7.01	2 1-	4ACSR	0	0	818	276	10	0	0	0.00	1.40
	CO6096+	CO6095	7.08	2 1-	2ACSR	0	0	812	276	10	0	0	0.00	1.40
CO280203031+	CO6096	7.12	1 1-	2ACSR	0	0	808	275	9	0	0	0.00	1.41	0
CO925719829+	CO6096	7.12	1 1-	2ACSR	0	0	808	275	0	0	0	0.00	1.40	0
	CO6097+	CO925719829	7.14	1 1-	4ACSR	0	0	805	275	0	0	0	0.00	1.40
	CO5914+	CO5891	6.90	1 1-	4ACSR	0	0	832	278	8	0	0	0.00	1.39
	CO5890+	CO5889	6.69	4 1-	4ACSR	0	0	858	281	12	0	1	0.00	1.36
	CO5918+	CO5890	6.74	1 1-	4ACSR	0	0	852	280	8	0	0	0.00	1.36
	CO5912+	CO5890	6.76	2 1-	4/0 HdCu - 12s	0	0	854	281	1	0	0	0.00	1.36
	CO6088+	CO5890	6.76	1 1-	4ACSR	0	0	849	280	3	0	0	0.00	1.36
	CO6089+	CO6088	7.10	1 1-	4ACSR	0	0	808	275	3	0	0	0.00	1.36
	CO5896+	CO6082	6.58	10 1-	4ACSR	0	0	873	283	51	3	2	0.01	1.36
	CO5919+	CO5896	6.63	1 1-	4ACSR	0	0	867	282	8	0	0	0.00	1.36
	CO5895+	CO5896	6.64	6 1-	4ACSR	0	0	865	282	33	2	2	0.00	1.36
	CO6083+	CO5895	6.72	4 1-	4ACSR	0	0	854	281	12	0	1	0.00	1.36
	CO6084+	CO6083	6.81	3 1-	4ACSR	0	0	843	279	11	0	1	0.00	1.36
	CO6085+	CO6084	6.85	2 1-	4ACSR	0	0	838	279	9	0	0	0.00	1.36
	CO6086+	CO6085	6.90	1 1-	4ACSR	0	0	831	278	7	0	0	0.00	1.36
	CO6087+	CO6086	6.95	1 1-	4ACSR	0	0	825	277	7	0	0	0.00	1.36
	CO5911+	CO5895	6.71	1 1-	4ACSR	0	0	856	281	10	0	0	0.00	1.36
	CO6079+	CO6078	6.22	2 1-	4ACSR	0	0	925	289	12	0	1	0.00	1.29
	CO6080+	CO6079	6.29	1 1-	4ACSR	0	0	914	287	7	0	0	0.00	1.29
CO222752363+	CO-1589447300	5.69	1 1-	2ACSR	0	0	1008	297	11	0	0	0.00	1.17	0
	CO6075+	CO6074	5.67	2 1-	2ACSR	0	0	1011	297	12	0	0	0.00	1.16
	CO6076+	CO6075	5.71	1 1-	2ACSR	0	0	1005	297	10	0	0	0.00	1.16
	CO6069+	CO6068	5.41	2 1-	2ACSR	0	0	1048	300	14	0	1	0.00	1.11
	CO6070+	CO6069	5.44	1 1-	2ACSR	0	0	1043	300	11	0	0	0.00	1.11
	CO12545+	CO12641	4.82	0 1-	2ACSR	0	0	1145	307	0	0	0	0.00	0.96
	CO12635+	CO12641	4.92	107 3-	1/0ACSR	1362	1282	1135	307	480	10	5	0.02	0.98
	CO17071+	CO12635	5.06	106 3-	1/0ACSR	1342	1263	1114	306	480	10	5	0.01	1.00
	CO13070+	CO17071	5.07	103 3-	1/0ACSR	1340	1261	1112	306	473	10	5	0.00	1.00
	CO13069+	CO13070	5.09	103 3-	1/0ACSR	1337	1259	1110	306	473	10	5	0.00	1.00

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13072+	CO13069	5.12	102 3-	1/0ACSR	1333	1254	1105	305	460	10	5	0.00	1.00	0
CO13071+	CO13072	5.14	102 3-	1/0ACSR	1329	1251	1102	305	460	10	5	0.00	1.01	0
CO17259+	CO13071	5.17	102 3-	1/0ACSR	1326	1248	1099	305	460	10	5	0.00	1.01	0
CO17266+	CO17259	5.22	1 1-	4ACSR	0	0	1088	304	0	0	0	0.00	1.01	0
CO13073+	CO17259	5.25	101 3-	1/0ACSR	1315	1237	1087	304	460	10	5	0.01	1.01	5
CO13144+	CO13073	5.25	58 3-	2ACSR	1313	1236	1086	304	253	5	3	0.00	1.02	0
OC371+	CO13144	5.25	58 3-	35 E OCR	1313	1236	1086	304	253	5	16	0.00	1.02	0
CO13143+	OC371	5.32	58 3-	2ACSR	1303	1227	1077	303	253	5	3	0.00	1.02	0
CO12985+	CO13143	5.35	3 1-	4ACSR	0	0	1069	303	15	1	1	0.00	1.02	0
CO12996+	CO13143	5.36	26 1-	4ACSR	0	0	1068	303	101	6	5	0.01	1.03	0
CO12997+	CO12996	5.38	23 1-	4ACSR	0	0	1065	302	94	6	5	0.00	1.03	0
CO12998+	CO12997	5.40	21 1-	4ACSR	0	0	1061	302	81	5	4	0.00	1.03	0
CO13067+	CO12998	5.41	19 1-	6ACWC	0	0	1058	302	58	3	3	0.00	1.03	0
CO13066+	CO13067	5.45	15 1-	6ACWC	0	0	1051	301	52	3	3	0.00	1.04	0
CO12983+	CO13066	5.57	2 1-	4ACSR	0	0	1030	299	3	0	0	0.00	1.04	0
CO13126+	CO13066	5.50	9 1-	4ACSR	0	0	1042	300	36	2	2	0.00	1.04	0
CO13045+	CO13126	5.51	4 1-	4ACSR	0	0	1040	300	25	1	1	0.00	1.04	0
CO13046+	CO13045	5.53	3 1-	4ACSR	0	0	1037	300	16	1	1	0.00	1.04	0
CO12977+	CO13046	5.57	1 1-	4ACSR	0	0	1030	299	8	0	0	0.00	1.04	0
CO13047+	CO13046	5.61	2 1-	4ACSR	0	0	1022	298	8	0	0	0.00	1.04	0
CO13048+	CO13047	5.68	0 1-	4ACSR	0	0	1010	297	0	0	0	0.00	1.04	0
CO12994+	CO12998	5.42	2 1-	4ACSR	0	0	1057	302	23	1	1	0.00	1.03	0
CO12995+	CO12994	5.44	1 1-	4ACSR	0	0	1054	301	11	0	1	0.00	1.03	0
CO13041+	CO13143	5.36	29 3-	2ACSR	1297	1221	1070	303	137	3	2	0.00	1.02	0
CO13040+	CO13041	5.40	25 3-	2ACSR	1289	1214	1063	302	118	2	1	0.00	1.02	0
CO12941+	CO13040	5.58	16 3-	2ACSR	1261	1189	1037	300	95	2	1	0.00	1.03	0
CO13088+	CO12941	5.61	2 1-	4ACSR	0	0	1030	299	0	0	0	0.00	1.03	0
CO13087+	CO13088	5.62	1 1-	4ACSR	0	0	1029	299	0	0	0	0.00	1.03	0
CO13039+	CO12941	5.60	13 2-	6HDCU	0	1185	1033	300	84	2	2	0.00	1.03	0
CO13038+	CO13039	5.61	13 2-	6HDCU	0	1182	1030	299	84	2	2	0.00	1.03	0
CO13122+	CO13038	5.64	12 2-	6HDCU	0	1178	1026	299	75	2	2	0.00	1.03	0
CO13123+	CO13122	5.71	11 2-	6HDCU	0	1165	1013	298	74	2	2	0.00	1.03	0
CO12943+	CO13123	6.00	8 2-	6HDCU	0	1117	966	293	52	1	1	0.01	1.05	0
CO13093+	CO12943	6.18	3 1-	4ACSR	0	0	937	290	25	1	1	0.01	1.05	0
CO13094+	CO13093	6.24	1 1-	4ACSR	0	0	927	289	15	1	1	0.00	1.05	0
CO12944+	CO12943	6.05	4 2-	6HDCU	0	1108	957	292	26	0	1	0.00	1.05	0
CO12978+	CO12944	6.18	3 1-	4ACSR	0	0	937	290	26	1	1	0.00	1.05	0
CO12992+	CO12978	6.22	2 1-	2ACSR	0	0	933	290	13	0	1	0.00	1.05	0
CO778240304+	CO12992	6.27	1 1-	2ACSR	0	0	927	289	5	0	0	0.00	1.05	0
CO-1881306651+	CO778240304	6.31	1 1-	2ACSR	0	0	922	289	5	0	0	0.00	1.05	0
CO13077+	CO12944	6.18	1 2-	6HDCU	0	1089	938	290	0	0	0	0.00	1.05	0
CO13076+	CO13077	6.39	0 2-	6HDCU	0	1056	906	287	0	0	0	0.00	1.05	0
CO13064+	CO13123	5.81	3 1-	4ACSR	0	0	996	296	21	1	1	0.00	1.04	0
CO13065+	CO13064	5.87	3 1-	4ACSR	0	0	986	295	21	1	1	0.00	1.04	0
CO13092+	CO13065	6.02	2 1-	4ACSR	0	0	961	293	12	0	1	0.00	1.04	0
CO13091+	CO13092	6.08	1 1-	4ACSR	0	0	952	292	10	0	0	0.00	1.04	0
CO12979+	CO13065	5.95	1 1-	4ACSR	0	0	973	294	9	0	0	0.00	1.04	0
CO13125+	CO13040	5.45	8 1-	4ACSR	0	0	1054	301	19	1	1	0.00	1.02	0
CO13086+	CO13125	5.48	2 1-	4ACSR	0	0	1049	301	3	0	0	0.00	1.02	0
CO13043+	CO13086	5.55	1 1-	4ACSR	0	0	1036	300	0	0	0	0.00	1.02	0
CO13044+	CO13043	5.57	1 1-	4ACSR	0	0	1033	299	0	0	0	0.00	1.02	0
CO13085+	CO13086	5.50	1 1-	4ACSR	0	0	1046	301	3	0	0	0.00	1.02	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL13124+	COL13125	5.51	5 1-	4ACSR	0	0	1043	300	12	0	1	0.00	1.02	0
COL13042+	COL13124	5.52	0 1-	4ACSR	0	0	1042	300	0	0	0	0.00	1.02	0
COL13141+	COL13073	5.25	43 1-	4ACSR	0	0	1086	304	207	14	10	0.00	1.02	0
OC372+	COL13141	5.25	43 1-	35 L OCR	0	0	1086	304	207	14	40	0.00	1.02	0
COL13142+	OC372	5.30	43 1-	4ACSR	0	0	1078	303	207	14	10	0.01	1.03	5
COL13128+	COL13142	5.33	43 1-	4ACSR	0	0	1072	303	207	14	10	0.01	1.04	3
COL13127+	COL13128	5.36	41 1-	4ACSR	0	0	1066	302	192	13	9	0.01	1.05	3
COL13049+	COL13127	5.60	40 1-	4ACSR	0	0	1022	298	190	12	9	0.07	1.12	21
COL13037+	COL13049	5.98	39 1-	4ACSR	0	0	958	292	185	12	9	0.11	1.22	32
CO6384+	COL13037	6.17	39 1-	4ACSR	0	0	929	289	185	12	9	0.05	1.28	16
OC1727164843+	CO6384	6.17	39 1-	20 N FUSE	0	0	929	289	185	12	63	0.00	1.28	0
CO6613+	OC1727164843	6.21	2 1-	4ACSR	0	0	921	288	25	1	1	0.00	1.28	0
CO6614+	CO6613	6.30	1 1-	4ACSR	0	0	909	287	11	0	1	0.00	1.28	0
CO6385+	OC1727164843	6.22	37 1-	4ACSR	0	0	920	288	160	10	8	0.01	1.29	4
COL17270+	CO6385	6.45	0 1-	4ACSR	0	0	887	284	0	0	0	0.00	1.29	0
COL13103+	COL17270	6.59	0 1-	4ACSR	0	0	868	282	0	0	0	0.00	1.29	0
COL17269+	CO6385	6.31	2 1-	4ACSR	0	0	907	286	11	0	1	0.00	1.29	0
CO6386+	CO6385	6.32	33 1-	4ACSR	0	0	906	286	142	9	7	0.02	1.31	5
CO6439+	CO6386	6.36	1 1-	4ACSR	0	0	899	285	14	0	1	0.00	1.31	0
CO6387+	CO6386	6.39	32 1-	4ACSR	0	0	895	285	128	8	6	0.01	1.33	3
CO6615+	CO6387	6.43	1 1-	4ACSR	0	0	890	284	8	0	0	0.00	1.33	0
CO6503+	CO6387	6.53	31 1-	4ACSR	0	0	877	283	120	8	6	0.02	1.35	5
CO6504+	CO6503	6.84	29 1-	4ACSR	0	0	835	278	115	7	6	0.06	1.41	10
CO6618+	CO6504	6.88	5 1-	4ACSR	0	0	830	278	13	0	1	0.00	1.41	0
CO6617+	CO6618	7.03	3 1-	4ACSR	0	0	812	275	4	0	0	0.00	1.41	0
CO6619+	CO6618	6.96	2 1-	4ACSR	0	0	821	276	8	0	0	0.00	1.41	0
CO6620+	CO6619	7.01	1 1-	4ACSR	0	0	814	276	3	0	0	0.00	1.41	0
CO6745+	CO6504	6.91	11 1-	4ACSR	0	0	827	277	34	2	2	0.00	1.41	0
CO6746+	CO6745	6.95	10 1-	4ACSR	0	0	821	277	31	2	1	0.00	1.41	0
CO6765+	CO6746	6.97	9 1-	4ACSR	0	0	819	276	27	1	1	0.00	1.41	0
CO6766+	CO6765	7.01	9 1-	4ACSR	0	0	814	276	27	1	1	0.00	1.41	0
CO6767+	CO6766	7.03	8 1-	4ACSR	0	0	812	275	27	1	1	0.00	1.41	0
CO6441+	CO6767	7.12	4 1-	4ACSR	0	0	801	274	9	0	0	0.00	1.41	0
CO6616+	CO6767	7.08	0 1-	4ACSR	0	0	805	275	0	0	0	0.00	1.41	0
CO6505+	CO6504	6.88	13 1-	4ACSR	0	0	831	278	69	4	3	0.00	1.41	0
CO6506+	CO6505	7.07	13 1-	4ACSR	0	0	808	275	69	4	3	0.02	1.43	2
CO6743+	CO6506	7.12	2 1-	4ACSR	0	0	801	274	6	0	0	0.00	1.43	0
CO6744+	CO6743	7.14	1 1-	4ACSR	0	0	799	274	0	0	0	0.00	1.43	0
CO6391+	CO6506	7.17	11 1-	4ACSR	0	0	795	273	63	4	3	0.01	1.44	0
CO6741+	CO6391	7.21	7 1-	4ACSR	0	0	791	273	32	2	2	0.00	1.44	0
CO6742+	CO6741	7.24	6 1-	4ACSR	0	0	788	272	27	1	1	0.00	1.44	0
CO6632+	CO6742	7.27	4 1-	4ACSR	0	0	784	272	19	1	1	0.00	1.44	0
CO6634+	CO6632	7.42	2 1-	4ACSR	0	0	768	270	6	0	0	0.00	1.44	0
CO6633+	CO6634	7.50	1 1-	4ACSR	0	0	758	269	0	0	0	0.00	1.44	0
CO6635+	CO6391	7.28	3 1-	4ACSR	0	0	782	272	22	1	1	0.00	1.44	0
CO6636+	CO6635	7.40	2 1-	4ACSR	0	0	769	270	13	0	1	0.00	1.44	0
CO-2074081279+	CO6636	7.60	1 1-	2ACSR	0	0	753	268	7	0	0	0.00	1.44	0
CO6440+	CO6385	6.29	1 1-	4ACSR	0	0	910	287	8	0	0	0.00	1.29	0
COL13130+	COL17071	5.09	3 1-	4ACSR	0	0	1107	305	6	0	0	0.00	1.00	0
COL13129+	COL13130	5.15	3 1-	4ACSR	0	0	1096	304	6	0	0	0.00	1.00	0
COL13050+	COL13129	5.16	2 1-	4ACSR	0	0	1093	304	6	0	0	0.00	1.00	0
COL13051+	COL13050	5.19	1 1-	4ACSR	0	0	1088	304	0	0	0	0.00	1.00	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12547+	CO12519	4.23	1 1-	750 MCM - 42 Wi	0	0	1248	314	8	0	0	0.00	0.90	0
OC-315630279+	CO12547	4.23	0 1-	20 N FUSE	0	0	1248	314	0	0	0	0.00	0.90	0
CO12678+	CO12518	2.99	3 1-	4ACSR	0	0	1509	325	1	0	0	0.00	0.72	0
OC347+	CO12678	2.99	3 1-	20 N FUSE	0	0	1509	325	1	0	0	0.00	0.72	0
CO12679+	OC347	3.08	3 1-	4ACSR	0	0	1475	323	1	0	0	0.00	0.72	0
CO12536+	CO12679	3.14	1 1-	4ACSR	0	0	1455	322	0	0	0	0.00	0.72	0
CO12630+	CO12679	3.13	2 1-	4ACSR	0	0	1459	322	0	0	0	0.00	0.72	0
CO12632+	CO12630	3.18	1 1-	4ACSR	0	0	1442	321	0	0	0	0.00	0.72	0
CO12631+	CO12632	3.75	1 1-	4ACSR	0	0	1269	310	0	0	0	0.00	0.72	0
CO17271+	CO12245	2.38	16 1-	6HDCU	0	0	1679	331	65	4	3	0.00	0.62	0
OC341+	CO17271	2.38	16 1-	35 E OCR	0	0	1679	331	65	4	13	0.00	0.62	0
CO17272+	OC341	2.59	16 1-	6HDCU	0	0	1595	327	65	4	3	0.02	0.65	0
CO5959+	CO17272	2.63	2 1-	4ACSR	0	0	1578	326	3	0	0	0.00	0.65	0
CO5960+	CO5959	2.70	1 1-	4ACSR	0	0	1551	324	0	0	0	0.00	0.65	0
CO5961+	CO17272	2.65	14 1-	4ACSR	0	0	1570	325	62	4	3	0.01	0.65	0
CO8325+	CO5961	3.83	13 1-	4ACSR	0	0	1199	304	61	4	3	0.11	0.76	11
CO5576+	CO8325	4.03	7 1-	4ACSR	0	0	1149	300	43	2	2	0.01	0.77	0
CO5575+	CO5576	4.15	6 1-	4ACSR	0	0	1121	298	31	2	1	0.01	0.78	0
CO5609+	CO5575	4.21	1 1-	4ACSR	0	0	1109	297	8	0	0	0.00	0.78	0
CO5610+	CO5609	4.25	1 1-	4ACSR	0	0	1100	296	8	0	0	0.00	0.78	0
CO5608+	CO5575	4.26	2 1-	4ACSR	0	0	1097	296	13	0	1	0.00	0.78	0
CO5607+	CO5575	4.19	2 1-	4ACSR	0	0	1112	297	9	0	0	0.00	0.78	0
CO5606+	CO5607	4.25	2 1-	4ACSR	0	0	1100	296	9	0	0	0.00	0.78	0
CO-1191457292+	CO5606	4.31	1 1-	2ACSR	0	0	1089	296	8	0	0	0.00	0.78	0
CO5504+	CO8325	3.91	6 1-	4ACSR	0	0	1178	302	18	1	1	0.00	0.76	0
CO5534+	CO5504	4.19	0 1-	4ACSR	0	0	1111	297	0	0	0	0.00	0.76	0
CO5577+	CO5504	4.07	4 1-	4ACSR	0	0	1139	299	11	0	1	0.00	0.76	0
CO5578+	CO5577	4.24	4 1-	4ACSR	0	0	1101	296	11	0	1	0.00	0.77	0
CO8326+	CO5578	4.50	2 1-	4ACSR	0	0	1047	292	4	0	0	0.00	0.77	0
CO5963+	CO8326	4.56	2 1-	4ACSR	0	0	1035	291	4	0	0	0.00	0.77	0
CO5964+	CO5963	4.63	1 1-	4ACSR	0	0	1021	290	1	0	0	0.00	0.77	0
CO5962+	CO5964	4.72	1 1-	4ACSR	0	0	1004	289	1	0	0	0.00	0.77	0
CO5613+	CO5504	4.05	1 1-	4ACSR	0	0	1144	300	3	0	0	0.00	0.76	0
CO5611+	CO5613	4.10	0 1-	4ACSR	0	0	1132	299	0	0	0	0.00	0.76	0
CO5612+	CO5611	4.13	0 1-	4ACSR	0	0	1125	298	0	0	0	0.00	0.76	0
CO5645+	CO5504	4.06	0 1-	4ACSR	0	0	1141	299	0	0	0	0.00	0.76	0
CO5674+	CO5645	4.10	0 1-	4ACSR	0	0	1133	299	0	0	0	0.00	0.76	0
CO5675+	CO5674	4.17	0 1-	4ACSR	0	0	1116	298	0	0	0	0.00	0.76	0
CO5614+	CO5675	4.24	0 1-	4ACSR	0	0	1100	296	0	0	0	0.00	0.76	0
CO12188+	CO12154	2.25	0 1-	4ACSR	0	0	1709	331	0	0	0	0.00	0.59	0
CO12189+	CO17274	1.99	1 1-	4ACSR	0	0	1801	334	9	0	0	0.00	0.54	0
CO5529+	CO5570	0.34	1 1-	4ACSR	0	0	2633	352	6	0	0	0.00	0.11	0
CO5636+	CO5634	0.01	568 3-	750 MCM - 42 Wi	2694	2837	2875	356	2613	59	5	0.00	0.00	0
Sherburne+	CO5636	0.01	568 3-	560 200WVE	2694	2837	2875	356	2613	59	11	0.00	0.00	0
CO5500+	Sherburne	0.03	568 3-	1/0ACSR	2687	2824	2863	355	2613	59	26	0.01	0.01	32
CO745907996+	CO5500	0.06	568 3-	2ACSR	2672	2796	2836	355	2613	59	33	0.02	0.04	102
CO5708+	CO745907996	0.06	39 1-	4ACSR	0	0	2833	355	249	16	12	0.00	0.04	0
OC157+	CO5708	0.06	39 1-	100 L OCR	0	0	2833	355	249	16	17	0.00	0.04	0
CO5709+	OC157	0.07	39 1-	4ACSR	0	0	2830	355	249	16	12	0.00	0.04	0
CO5680+	CO5709	0.10	39 1-	4ACSR	0	0	2800	354	249	16	12	0.01	0.05	5
CO5681+	CO5680	0.13	38 1-	4ACSR	0	0	2777	353	237	15	11	0.01	0.06	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5525+	CO5681	0.21	3 1-	4ACSR	0	0	2707	352	17	1	1	0.00	0.06	0
CO5524+	CO5681	0.16	1 1-	4ACSR	0	0	2746	353	0	0	0	0.00	0.06	0
CO5668+	CO5681	0.18	33 1-	4ACSR	0	0	2735	352	207	13	10	0.01	0.07	5
CO5678+	CO5668	0.20	31 1-	4ACSR	0	0	2714	352	200	13	10	0.01	0.08	0
CO5679+	CO5678	0.23	28 1-	4ACSR	0	0	2687	351	186	12	9	0.01	0.09	3
CO5603+	CO5679	0.28	11 1-	4ACSR	0	0	2643	350	118	7	6	0.01	0.10	0
CO5682+	CO5603	0.29	11 1-	4ACSR	0	0	2632	350	118	7	6	0.00	0.10	0
CO5683+	CO5682	0.32	6 1-	4ACSR	0	0	2608	349	107	7	5	0.00	0.11	0
CO5669+	CO5683	0.36	6 1-	4ACSR	0	0	2572	348	107	7	5	0.01	0.11	0
CO5684+	CO5669	0.39	5 1-	4ACSR	0	0	2544	347	103	6	5	0.00	0.12	0
CO5685+	CO5684	0.43	3 1-	4ACSR	0	0	2511	346	100	6	5	0.00	0.12	0
CO5655+	CO5679	0.27	9 1-	6HDCU	0	0	2656	350	35	2	2	0.00	0.09	0
CO5656+	CO5655	0.31	4 1-	6HDCU	0	0	2615	349	8	0	0	0.00	0.09	0
CO5666+	CO5656	0.34	0 1-	6HDCU	0	0	2594	349	0	0	0	0.00	0.09	0
CO5667+	CO5666	0.36	0 1-	6HDCU	0	0	2573	348	0	0	0	0.00	0.09	0
CO5657+	CO5679	0.27	7 1-	4ACSR	0	0	2654	350	32	2	2	0.00	0.09	0
CO5658+	CO5657	0.32	6 1-	4ACSR	0	0	2610	349	30	1	1	0.00	0.09	0
CO17144+	CO5658	0.35	4 1-	4ACSR	0	0	2580	348	27	1	1	0.00	0.09	0
CO5526+	CO5658	0.38	0 1-	4ACSR	0	0	2560	348	0	0	0	0.00	0.09	0
CO5568+	CO745907996	0.10	529 3-	1/0ACSR	2653	2763	2803	354	2364	53	23	0.02	0.06	71
CO-1627864283+	CO5568	0.36	528 3-	2ACSR	2534	2573	2604	350	2354	53	30	0.18	0.23	661
CO1018972995+	CO-1627864283	0.45	526 3-	2ACSR	2494	2526	2540	349	2346	53	30	0.06	0.29	223
CO12261+	CO1018972995	0.57	526 3-	1/0ACSR	2444	2466	2462	348	2345	53	23	0.06	0.35	198
CO12166+	CO12261	0.74	9 3-	1/0ACSR	2375	2385	2359	346	84	1	1	0.00	0.35	0
CO12165+	CO12166	0.78	7 3-	1/0ACSR	2361	2367	2337	346	77	1	1	0.00	0.35	0
CO17276+	CO12165	0.90	5 3-	1/0ACSR	2312	2310	2267	344	63	1	1	0.00	0.36	0
CO-923333338+	CO17276	0.97	1 1-	2ACSR	0	0	2227	343	10	0	0	0.00	0.36	0
CO5528+	CO17276	0.92	0 1-	4ACSR	0	0	2254	344	0	0	0	0.00	0.36	0
OC-1940179669+	CO5528	0.92	0 1-	20 N FUSE	0	0	2254	344	0	0	0	0.00	0.36	0
CO5527+	CO17276	0.96	3 1-	4ACSR	0	0	2227	343	51	3	2	0.00	0.36	0
OC1953467900+	CO5527	0.96	2 1-	20 N FUSE	0	0	2227	343	0	0	0	0.00	0.36	0
CO1727566037+	OC1953467900	0.97	2 1-	2ACSR	0	0	2220	343	0	0	0	0.00	0.36	0
CO12203+	CO12165	0.84	2 1-	4ACSR	0	0	2294	344	14	0	1	0.00	0.35	0
OC-586107937+	CO12203	0.84	0 1-	20 N FUSE	0	0	2294	344	0	0	0	0.00	0.35	0
CO12204+	CO12166	0.80	2 1-	4ACSR	0	0	2314	345	7	0	0	0.00	0.35	0
OC1228657137+	CO12204	0.80	0 1-	20 N FUSE	0	0	2314	345	0	0	0	0.00	0.35	0
CO12260+	CO12261	0.70	516 3-	1/0ACSR	2391	2403	2382	346	2257	51	22	0.06	0.41	197
CO12259+	CO12260	0.77	515 3-	1/0ACSR	2364	2371	2342	346	2247	50	22	0.03	0.44	103
CO12202+	CO12259	0.88	2 1-	4ACSR	0	0	2264	343	16	1	1	0.00	0.44	0
OC-1433043951+	CO12202	0.88	0 1-	20 N FUSE	0	0	2264	343	0	0	0	0.00	0.44	0
CO12201+	CO12259	0.86	2 1-	4ACSR	0	0	2280	344	12	0	1	0.00	0.44	0
OC-2041470819+	CO12201	0.86	0 1-	20 N FUSE	0	0	2280	344	0	0	0	0.00	0.44	0
CO12263+	CO12259	0.87	509 3-	1/0ACSR	2327	2327	2288	345	2211	50	22	0.04	0.48	140
CO12262+	CO12263	0.99	508 3-	1/0ACSR	2279	2271	2219	343	2210	50	22	0.06	0.54	185
CO12264+	CO12262	1.19	507 3-	1/0ACSR	2209	2190	2122	341	2205	50	22	0.09	0.63	280
CO12205+	CO12264	1.24	1 1-	4ACSR	0	0	2088	340	0	0	0	0.00	0.63	0
OC-712107734+	CO12205	1.24	0 1-	20 N FUSE	0	0	2088	340	0	0	0	0.00	0.63	0
CO12200+	CO12264	1.28	1 1-	4ACSR	0	0	2063	339	1	0	0	0.00	0.63	0
OC1534063814+	CO12200	1.28	0 1-	20 N FUSE	0	0	2063	339	0	0	0	0.00	0.63	0
CO12164+	CO12264	1.36	504 3-	1/0ACSR	2152	2124	2044	340	2198	49	22	0.07	0.70	237
CO12258+	CO12164	1.43	502 3-	1/0ACSR	2128	2097	2013	339	2190	49	22	0.03	0.73	101
CO12257+	CO12258	1.50	501 3-	1/0ACSR	2105	2070	1982	338	2183	49	22	0.03	0.76	100

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12292+	CO12257	1.56	1 1-	4ACSR	0	0	1948	337	4	0	0	0.00	0.76	0
OC-2017056813+	CO12292	1.56	1 1-	20 N FUSE	0	0	1948	337	4	0	1	0.00	0.76	0
CO12291+	OC-2017056813	1.64	1 1-	4ACSR	0	0	1901	335	4	0	0	0.00	0.76	0
CO12163+	CO12257	1.66	496 3-	1/0ACSR	2053	2010	1914	337	2163	49	21	0.07	0.83	230
CO12162+	CO12163	1.73	495 3-	1/0ACSR	2031	1985	1886	336	2157	49	21	0.03	0.86	98
CO12256+	CO12162	1.87	493 3-	1/0ACSR	1990	1939	1834	334	2136	48	21	0.06	0.92	185
CO17146+	CO12256	1.95	492 3-	1/0ACSR	1968	1914	1806	334	2127	48	21	0.03	0.95	103
CO11832+	CO17146	2.01	2 1-	4ACSR	0	0	1776	332	2	0	0	0.00	0.95	0
OC1269221958+	CO11832	2.01	0 1-	20 N FUSE	0	0	1776	332	0	0	0	0.00	0.95	0
CO11817+	CO17146	2.02	482 3-	1/0ACSR	1945	1890	1779	333	2097	47	21	0.03	0.99	101
CO11833+	CO11817	2.08	0 1-	4ACSR	0	0	1753	332	0	0	0	0.00	0.99	0
OC1688190614+	CO11833	2.08	0 1-	20 N FUSE	0	0	1753	332	0	0	0	0.00	0.99	0
CO11863+	CO11817	2.18	443 3-	1/0ACSR	1902	1841	1726	331	1976	45	20	0.06	1.05	183
CO11864+	CO11863	2.47	443 3-	1/0ACSR	1826	1757	1635	329	1975	45	20	0.11	1.16	336
CO17145+	CO11864	2.69	2 1-	4ACSR	0	0	1549	324	4	0	0	0.00	1.16	0
OC-1991954745+	CO17145	2.69	1 1-	20 N FUSE	0	0	1549	324	0	0	0	0.00	1.16	0
CO12253+	OC-1991954745	2.82	1 1-	4ACSR	0	0	1500	322	0	0	0	0.00	1.16	0
CO12255+	CO12253	3.01	1 1-	4ACSR	0	0	1434	318	0	0	0	0.00	1.16	0
CO12254+	CO12255	3.15	1 1-	4ACSR	0	0	1386	315	0	0	0	0.00	1.16	0
CO17253+	CO11864	2.67	439 3-	1/0ACSR	1776	1703	1578	327	1967	44	20	0.08	1.24	232
CO12197+	CO17253	2.88	2 1-	4ACSR	0	0	1498	322	4	0	0	0.00	1.24	0
OC-1978532683+	CO12197	2.88	0 1-	20 N FUSE	0	0	1498	322	0	0	0	0.00	1.24	0
CO12252+	CO17253	2.75	437 3-	1/0ACSR	1756	1682	1555	326	1962	44	19	0.03	1.28	96
CO12301+	CO12252	3.01	436 3-	1/0ACSR	1696	1617	1487	323	1952	44	19	0.10	1.38	298
CO12138+	CO12301	3.09	434 3-	1/0ACSR	1679	1599	1468	323	1940	44	19	0.03	1.41	86
CO12210+	CO12138	3.27	434 3-	1/0ACSR	1641	1558	1426	321	1939	44	19	0.07	1.48	200
CO12209+	CO12210	3.30	434 3-	1/0ACSR	1635	1552	1419	321	1938	44	19	0.01	1.49	33
CO17142+	CO12209	3.38	0 1-	4ACSR	0	0	1393	319	0	0	0	0.00	1.49	0
CO12169+	CO12209	3.34	0 1-	4ACSR	0	0	1407	320	0	0	0	0.00	1.49	0
OC-694257383+	CO12169	3.34	0 1-	20 N FUSE	0	0	1407	320	0	0	0	0.00	1.49	0
CO12212+	CO12209	3.60	434 3-	1/0ACSR	1573	1487	1353	318	1938	44	19	0.12	1.61	345
CO12211+	CO12212	3.98	433 3-	1/0ACSR	1503	1418	1278	314	1936	44	19	0.15	1.76	428
CO17136+	CO12211	4.03	7 1-	6ACWC	0	0	1266	313	36	2	2	0.00	1.76	0
OC524381760+	CO17136	4.03	6 1-	20 N FUSE	0	0	1266	313	35	2	12	0.00	1.76	0
CO11911+	OC524381760	4.10	6 1-	6ACWC	0	0	1248	312	35	2	2	0.00	1.76	0
CO11912+	CO11911	4.17	6 1-	6ACWC	0	0	1229	311	35	2	2	0.00	1.76	0
CO11808+	CO11912	4.31	4 1-	6ACWC	0	0	1195	308	17	1	1	0.00	1.77	0
CO11913+	CO11808	4.48	3 1-	6ACWC	0	0	1157	305	14	0	1	0.00	1.77	0
CO1920975752+	CO11913	4.62	2 1-	2ACSR	0	0	1131	303	6	0	0	0.00	1.77	0
CO11914+	CO11913	4.62	1 1-	6ACWC	0	0	1125	303	8	0	0	0.00	1.77	0
CO11822+	CO11912	4.20	1 1-	6ACWC	0	0	1223	310	10	0	0	0.00	1.77	0
CO17138+	CO12211	4.43	406 3-	1/0ACSR	1425	1344	1199	310	1819	41	18	0.17	1.92	453
OC-178847254+	CO17138	4.43	406 3-	20 N FUSE	1425	1344	1199	310	1816	41	209	0.00	1.92	0
CO-915536511+	OC-178847254	4.53	406 3-	2ACSR	1407	1327	1181	309	1816	41	23	0.05	1.97	149
CO11823+	CO-915536511	4.60	1 1-	4ACSR	0	0	1165	308	2	0	0	0.00	1.97	0
CO11809+	CO-915536511	4.60	405 3-	1/0ACSR	1396	1316	1170	308	1814	41	18	0.03	2.00	71
CO11917+	CO11809	4.65	400 3-	1/0ACSR	1389	1309	1162	308	1804	41	18	0.02	2.02	47
CO11921+	CO11917	5.17	400 3-	1/0ACSR	1312	1237	1086	303	1804	41	18	0.19	2.21	517
CO11922+	CO11921	5.30	399 3-	1/0ACSR	1294	1220	1068	302	1802	41	18	0.05	2.26	131
CO11923+	CO11922	5.75	399 3-	1/0ACSR	1235	1165	1012	298	1801	41	18	0.16	2.42	444
CO17128+	CO11923	5.98	348 3-	1/0ACSR	1207	1138	986	296	1564	36	16	0.07	2.49	172
FD-1733539004+	CO17128	5.98	348 3-	_DefaultBayEqui	1207	1138	986	296	1564	36	0	0.00	2.49	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11956+	FD-1733539004	6.26	348 3-	1/0ACSR	1175	1108	955	294	1564	36	16	0.09	2.58	209
OC-1733539004+	CO11956	6.26	346 3-	20 N FUSE	1175	1108	955	294	1560	36	180	0.00	2.58	0
CO11996+	OC-1733539004	6.39	346 3-	1/0ACSR	1161	1095	942	293	1560	36	16	0.04	2.62	96
CO12041+	CO11996	6.42	343 3-	1/0ACSR	1157	1091	938	292	1549	35	16	0.01	2.63	26
CO11997+	CO12041	6.49	341 3-	1/0ACSR	1150	1084	932	292	1545	35	16	0.02	2.66	49
CO11959+	CO11997	6.57	330 3-	1/0ACSR	1141	1076	923	291	1492	34	15	0.03	2.68	58
CO11960+	CO11959	6.62	328 3-	1/0ACSR	1136	1071	918	291	1479	34	15	0.01	2.70	32
CO12047+	CO11960	6.77	319 3-	1/0ACSR	1120	1056	904	290	1454	33	15	0.04	2.74	97
CO12048+	CO12047	6.84	319 3-	1/0ACSR	1113	1050	898	289	1453	33	15	0.02	2.76	43
CO11987+	CO12048	6.88	1 1-	4ACSR	0	0	891	288	11	0	1	0.00	2.76	0
OC337906502+	CO11987	6.88	0 1-	20 N FUSE	0	0	891	288	0	0	0	0.00	2.76	0
CO12104+	CO12048	7.06	318 3-	1/0ACSR	1091	1029	877	287	1443	33	15	0.07	2.83	144
CO12105+	CO12104	7.19	317 3-	1/0ACSR	1078	1017	866	286	1440	33	15	0.04	2.87	82
CO12049+	CO12105	7.38	0 1-	4ACSR	0	0	842	283	0	0	0	0.00	2.87	0
OC-1030809019+	CO12049	7.38	0 1-	20 N FUSE	0	0	842	283	0	0	0	0.00	2.87	0
CO12050+	OC-1030809019	7.66	0 1-	4ACSR	0	0	808	279	0	0	0	0.00	2.87	0
CO12051+	CO12050	7.91	0 1-	4ACSR	0	0	781	275	0	0	0	0.00	2.87	0
CO11963+	CO12051	8.12	0 1-	4ACSR	0	0	758	272	0	0	0	0.00	2.87	0
CO12076+	CO11963	8.27	0 1-	4ACSR	0	0	743	270	0	0	0	0.00	2.87	0
CO12077+	CO12076	8.37	0 1-	4ACSR	0	0	734	269	0	0	0	0.00	2.87	0
CO11988+	CO12051	8.03	0 1-	4ACSR	0	0	768	273	0	0	0	0.00	2.87	0
CO12052+	CO12105	7.23	317 3-	1/0ACSR	1075	1014	863	286	1440	33	15	0.01	2.88	24
CO12053+	CO12052	7.39	317 3-	1/0ACSR	1059	1000	849	285	1440	33	15	0.05	2.92	104
CO-1731857184+	CO12053	7.46	316 3-	2ACSR	1052	992	842	284	1422	33	18	0.03	2.95	69
CO1206307462+	CO-1731857184	7.55	316 3-	2ACSR	1041	983	832	283	1421	33	18	0.04	3.00	94
CO12055+	CO1206307462	7.72	316 3-	1/0ACSR	1026	969	819	282	1421	33	14	0.05	3.04	104
CO1260444816+	CO12055	7.93	0 3-	2ACSR	1005	949	800	279	0	0	0	0.00	3.04	0
CO12131+	CO12055	7.73	314 3-	1/0ACSR	1026	969	819	281	1414	32	14	0.00	3.05	3
XFMR179	CO12131	7.73	314 3-	333 KVA 1PH AUT	865	840	782	167	1414	32	142	1.21	4.25	0
CO-2033225829	XFMR179	7.83	314 3-	2ACSR	852	825	766	166	1414	65	37	0.18	4.44	422
CO-1901045601	CO-2033225829	7.90	314 3-	2ACSR	845	816	757	166	1412	65	37	0.11	4.55	266
CO11990	CO-1901045601	8.07	2 1-	4ACSR	0	0	730	164	7	0	1	0.00	4.55	0
CO-1853216105	CO-1901045601	8.12	312 3-	2ACSR	819	788	727	164	1404	65	36	0.37	4.92	864
CO12083	CO-1853216105	8.22	44 1-	2ACSR	0	0	714	163	219	30	17	0.09	5.01	31
CO12084	CO12083	8.24	43 1-	2ACSR	0	0	711	163	208	29	16	0.02	5.04	7
CO12085	CO12084	8.36	43 1-	2ACSR	0	0	697	162	208	29	16	0.10	5.13	31
CO11965	CO12085	8.45	1 1-	6ACWC	0	0	683	161	1	0	0	0.00	5.13	0
CO12127	CO12085	8.36	40 1-	2ACSR	0	0	696	162	183	25	14	0.01	5.14	0
OC336	CO12127	8.36	40 1-	70 L OCR	0	0	696	162	183	25	37	0.00	5.14	0
CO12128	OC336	8.56	40 1-	2ACSR	0	0	672	161	183	25	14	0.16	5.30	47
CO11999	CO12128	8.63	39 1-	2ACSR	0	0	665	160	176	24	14	0.05	5.34	14
CO12000	CO11999	8.78	39 1-	2ACSR	0	0	648	159	176	24	14	0.11	5.46	32
CO17035	CO12000	9.04	38 1-	2ACSR	0	0	620	158	175	24	14	0.20	5.66	56
CO10572	CO17035	9.06	38 1-	2ACSR	0	0	619	158	175	24	14	0.01	5.67	4
CO10631	CO10572	9.12	36 1-	2ACSR	0	0	612	157	174	24	14	0.05	5.72	14
CO10656	CO10631	9.19	35 1-	2ACSR	0	0	606	157	174	24	14	0.05	5.77	13
CO10657	CO10656	9.20	34 1-	2ACSR	0	0	605	157	168	23	13	0.01	5.78	3
CO10530	CO10657	9.36	31 1-	2ACSR	0	0	590	156	152	21	12	0.10	5.88	25
CO10670	CO10530	9.52	30 1-	2ACSR	0	0	575	155	146	20	11	0.10	5.99	24
CO10592	CO10670	9.65	23 1-	2ACSR	0	0	564	154	138	19	11	0.08	6.06	17
CO10593	CO10592	9.76	23 1-	2ACSR	0	0	554	153	138	19	11	0.07	6.13	15
CO10542	CO10593	9.82	22 1-	2ACSR	0	0	549	153	135	19	11	0.04	6.17	8

Substation Power Factor: 0.98

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10594	CO10542	9.90	21 1-	2ACSR	0	0	543	152	127	17	10	0.04	6.21	8
CO10595	CO10594	10.04	20 1-	2ACSR	0	0	532	151	110	15	9	0.07	6.28	12
CO10531	CO10595	10.08	19 1-	2ACSR	0	0	529	151	110	15	9	0.02	6.30	3
CO39221566	CO10531	10.18	1 1-	2ACSR	0	0	521	150	10	1	1	0.00	6.30	0
CO-654616794	CO10531	10.11	18 1-	2ACSR	0	0	526	151	100	14	8	0.01	6.31	0
CO10573	CO-654616794	10.18	15 1-	2ACSR	0	0	522	150	71	10	6	0.02	6.33	2
CO10638	CO10573	10.35	14 1-	2ACSR	0	0	509	149	71	9	6	0.05	6.38	6
CO10641	CO10638	10.43	9 1-	2ACSR	0	0	503	149	57	8	4	0.02	6.40	0
CO10642	CO10641	10.54	8 1-	2ACSR	0	0	495	148	53	7	4	0.03	6.43	2
CO10551	CO10642	10.65	1 1-	4ACSR	0	0	487	147	2	0	0	0.00	6.43	0
CO10550	CO10642	10.68	1 1-	4ACSR	0	0	484	147	16	2	2	0.01	6.43	0
CO10574	CO10642	10.56	6 1-	2ACSR	0	0	495	148	35	4	3	0.00	6.43	0
CO10575	CO10574	10.70	6 1-	2ACSR	0	0	485	147	35	4	3	0.02	6.45	0
CO10532	CO10575	10.80	6 1-	2ACSR	0	0	478	147	35	4	3	0.01	6.47	0
CO10614	CO10532	10.90	1 1-	4ACSR	0	0	471	146	13	1	1	0.01	6.47	0
CO10615	CO10614	10.95	1 1-	4ACSR	0	0	467	146	13	1	1	0.00	6.48	0
CO10533	CO10532	10.90	4 1-	2ACSR	0	0	472	146	13	1	1	0.01	6.47	0
CO10643	CO10533	11.04	2 1-	2ACSR	0	0	464	145	8	1	1	0.00	6.47	0
CO10644	CO10643	11.08	1 1-	2ACSR	0	0	462	145	1	0	0	0.00	6.47	0
CO10645	CO10644	11.12	0 1-	2ACSR	0	0	459	145	0	0	0	0.00	6.47	0
CO10553	CO10533	11.02	2 1-	4ACSR	0	0	463	145	5	0	1	0.00	6.47	0
CO10552	CO10575	10.83	0 1-	4ACSR	0	0	475	146	0	0	0	0.00	6.45	0
CO10639	CO10638	10.41	4 1-	4ACSR	0	0	503	149	12	1	1	0.00	6.39	0
OC1144357358	CO10639	10.41	4 1-	20 N FUSE	0	0	503	149	12	1	8	0.00	6.39	0
CO10640	OC1144357358	10.63	4 1-	4ACSR	0	0	485	147	12	1	1	0.02	6.40	0
CO10577	CO10640	10.99	4 1-	4ACSR	0	0	458	144	12	1	1	0.03	6.43	0
CO10660	CO10577	11.08	2 1-	4ACSR	0	0	451	143	9	1	1	0.00	6.43	0
CO10661	CO10660	11.18	0 1-	4ACSR	0	0	444	143	0	0	0	0.00	6.43	0
CO10549	CO10660	11.22	1 1-	4ACSR	0	0	441	142	5	0	0	0.00	6.43	0
CO10578	CO10577	11.27	2 1-	4ACSR	0	0	438	142	3	0	0	0.01	6.43	0
CO10632	CO10578	11.50	2 1-	4ACSR	0	0	423	140	3	0	0	0.00	6.44	0
CO10633	CO10632	11.54	1 1-	4ACSR	0	0	420	140	3	0	0	0.00	6.44	0
CO10579	CO10633	11.73	1 1-	4ACSR	0	0	408	138	3	0	0	0.00	6.44	0
CO10548	CO10638	10.44	0 1-	4ACSR	0	0	501	149	0	0	0	0.00	6.38	0
CO10651	CO-654616794	10.20	3 1-	4ACSR	0	0	519	150	29	4	3	0.01	6.32	0
CO-1308609341	CO10651	10.23	1 1-	2ACSR	0	0	516	150	13	1	1	0.00	6.32	0
CO10652	CO10651	10.32	1 1-	4ACSR	0	0	507	149	11	1	1	0.00	6.33	0
CO10547	CO10595	10.13	1 1-	4ACSR	0	0	523	151	0	0	0	0.00	6.28	0
CO10570	CO10542	9.88	1 1-	4ACSR	0	0	543	152	8	1	1	0.00	6.17	0
CO10569	CO10593	9.85	1 1-	4ACSR	0	0	545	152	2	0	0	0.00	6.13	0
CO10543	CO10670	9.82	6 1-	4ACSR	0	0	544	152	7	1	1	0.01	6.00	0
CO10545	CO10543	9.96	6 1-	4ACSR	0	0	530	151	7	1	1	0.01	6.01	0
OC-949620761	CO10545	9.96	6 1-	20 N FUSE	0	0	530	151	7	1	5	0.00	6.01	0
CO10568	OC-949620761	10.02	0 1-	4ACSR	0	0	525	150	0	0	0	0.00	6.01	0
CO10601	OC-949620761	10.06	6 1-	4ACSR	0	0	521	150	7	1	1	0.00	6.01	0
CO10602	CO10601	10.21	6 1-	4ACSR	0	0	507	148	7	1	1	0.01	6.02	0
CO10603	CO10602	10.29	4 1-	4ACSR	0	0	500	148	5	0	0	0.00	6.02	0
CO10604	CO10603	10.41	4 1-	4ACSR	0	0	490	147	5	0	0	0.00	6.02	0
CO10605	CO10604	10.48	4 1-	4ACSR	0	0	484	146	5	0	0	0.00	6.03	0
CO10606	CO10605	10.59	4 1-	4ACSR	0	0	476	145	5	0	0	0.00	6.03	0
CO10607	CO10606	10.76	4 1-	4ACSR	0	0	463	144	5	0	0	0.00	6.03	0
CO10608	CO10607	11.08	3 1-	4ACSR	0	0	439	141	4	0	0	0.01	6.04	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10609	CO10608	11.17	2 1-	4ACSR	0	0	433	141	4	0	0	0.00	6.04	0
CO10610	CO10609	11.31	2 1-	4ACSR	0	0	424	140	4	0	0	0.00	6.05	0
CO10611	CO10610	11.37	1 1-	4ACSR	0	0	420	139	3	0	0	0.00	6.05	0
CO10544	CO10543	9.91	0 1-	4ACSR	0	0	535	151	0	0	0	0.00	6.00	0
CO10596	CO10544	10.03	0 1-	4ACSR	0	0	523	150	0	0	0	0.00	6.00	0
CO10597	CO10596	10.32	0 1-	4ACSR	0	0	498	148	0	0	0	0.00	6.00	0
CO10598	CO10597	10.48	0 1-	4ACSR	0	0	484	146	0	0	0	0.00	6.00	0
CO10567	CO10544	9.94	0 1-	4ACSR	0	0	532	151	0	0	0	0.00	6.00	0
CO10599	CO10543	9.91	0 1-	4ACSR	0	0	535	151	0	0	0	0.00	6.00	0
CO10600	CO10599	10.22	0 1-	4ACSR	0	0	506	148	0	0	0	0.00	6.00	0
CO10669	CO10530	9.45	1 1-	4ACSR	0	0	579	155	5	0	1	0.00	5.89	0
CO10612	CO10657	9.30	1 1-	4ACSR	0	0	593	156	3	0	0	0.00	5.78	0
CO10613	CO10612	9.37	1 1-	4ACSR	0	0	585	155	3	0	0	0.00	5.78	0
CO10668	CO10657	9.32	2 1-	4ACSR	0	0	591	156	14	2	1	0.01	5.79	0
CO10546	CO10572	9.15	1 1-	4ACSR	0	0	607	157	0	0	0	0.00	5.67	0
CO12135	CO12128	8.67	1 1-	4ACSR	0	0	657	160	7	0	1	0.00	5.30	0
OC886271834	CO12135	8.67	1 1-	20 N FUSE	0	0	657	160	7	0	5	0.00	5.30	0
CO12136	OC886271834	8.69	0 1-	4ACSR	0	0	655	160	0	0	0	0.00	5.30	0
CO11966	CO12136	8.74	0 1-	4ACSR	0	0	648	159	0	0	0	0.00	5.30	0
CO12137	CO12136	8.75	0 1-	4ACSR	0	0	647	159	0	0	0	0.00	5.30	0
CO11994	OC886271834	8.73	1 1-	2ACSR	0	0	651	159	7	0	1	0.00	5.30	0
CO1843891489	CO-1853216105	8.35	268 3-	2ACSR	794	760	698	162	1181	55	31	0.32	5.25	631
CO-1188494446	CO1843891489	8.40	268 3-	2ACSR	789	754	692	162	1178	55	31	0.07	5.32	136
CO11967	CO-1188494446	8.63	1 1-	4ACSR	0	0	659	160	8	1	1	0.01	5.32	0
OC1232528322	CO11967	8.63	0 1-	20 N FUSE	0	0	659	160	0	0	0	0.00	5.32	0
CO12123	CO-1188494446	8.40	267 3-	1/0ACSR	788	754	691	162	1169	54	24	0.01	5.32	11
OC338	CO12123	8.40	267 3-	70 L OCR	788	754	691	162	1169	54	78	0.00	5.32	0
CO-310883991	OC338	8.46	267 3-	2ACSR	782	747	684	162	1169	54	30	0.08	5.40	156
CO12013	CO-310883991	8.95	2 1-	4ACSR	0	0	619	157	1	0	0	0.00	5.41	0
OC1516473073	CO12013	8.95	2 1-	20 N FUSE	0	0	619	157	1	0	0	0.00	5.41	0
CO12014	OC1516473073	9.05	2 1-	4ACSR	0	0	607	156	1	0	0	0.00	5.41	0
CO12015	CO12014	9.44	1 1-	4ACSR	0	0	564	152	0	0	0	0.00	5.41	0
CO-2078506065	CO-310883991	8.60	265 3-	2ACSR	767	731	668	161	1167	54	30	0.19	5.60	374
CO1643462327	CO-2078506065	8.66	265 3-	2ACSR	762	725	662	160	1166	54	30	0.08	5.68	154
CO-2079112698	CO1643462327	8.88	265 3-	2ACSR	739	701	637	159	1165	54	30	0.31	5.99	605
CO384304932	CO-2079112698	9.04	264 3-	2ACSR	724	684	620	158	1162	54	30	0.23	6.22	441
CO11969	CO384304932	9.20	0 1-	4ACSR	0	0	601	156	0	0	0	0.00	6.22	0
CO-2011873102	CO384304932	9.05	264 3-	2ACSR	723	683	620	158	1160	54	30	0.01	6.23	24
CO-578658216	CO-2011873102	9.21	264 3-	2ACSR	707	666	603	157	1160	54	30	0.24	6.46	456
CO665368381	CO-578658216	9.34	264 3-	2ACSR	695	655	591	156	1158	54	30	0.18	6.65	358
CO317786466	CO665368381	9.40	264 3-	2ACSR	690	650	585	155	1156	54	30	0.08	6.73	154
CO-1279993420	CO317786466	9.42	264 3-	2ACSR	688	649	584	155	1155	54	30	0.02	6.75	45
CO-880402422	CO-1279993420	9.53	264 3-	2ACSR	679	640	574	155	1155	54	30	0.15	6.91	300
CO-1870681441	CO-880402422	9.53	264 3-	2ACSR	678	639	573	155	1154	54	30	0.01	6.92	18
XFMR180+	CO-1870681441	9.53	22 1-	333 KVA 1PH AUT	0	0	207	160	131	18	40	0.29	7.20	0
CO12126+	XFMR180	9.69	22 1-	4ACSR	0	0	206	159	131	9	7	0.03	7.24	7
CO12006+	CO12126	9.78	22 1-	4ACSR	0	0	206	159	131	9	7	0.02	7.25	4
CO12007+	CO12006	9.97	22 1-	4ACSR	0	0	205	158	131	9	7	0.04	7.29	9
CO12008+	CO12007	10.06	22 1-	4ACSR	0	0	204	158	131	9	7	0.02	7.31	4
CO12009+	CO12008	10.13	22 1-	4ACSR	0	0	204	157	131	9	7	0.01	7.33	3
CO12089+	CO12009	10.18	20 1-	4ACSR	0	0	203	157	116	8	6	0.01	7.34	0
CO12090+	CO12089	10.68	18 1-	4ACSR	0	0	200	155	114	8	6	0.09	7.43	18

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11947+	CO12090	10.87	17 1-	4ACSR	0	0	199	154	114	8	6	0.03	7.46	7
CO11948+	CO11947	11.08	17 1-	4ACSR	0	0	198	153	114	8	6	0.04	7.50	8
CO17225+	CO11948	11.24	12 1-	4ACSR	0	0	197	152	89	6	5	0.02	7.52	3
CO13364+	CO17225	11.33	10 1-	4ACSR	0	0	196	152	63	4	3	0.01	7.53	0
CO13365+	CO13364	11.47	9 1-	4ACSR	0	0	195	151	49	3	2	0.01	7.54	0
OC351045001+	CO13365	11.47	9 1-	20 N FUSE	0	0	195	151	49	3	17	0.00	7.54	0
CO13413+	OC351045001	11.56	5 1-	4ACSR	0	0	195	151	27	1	1	0.00	7.55	0
CO13414+	CO13413	11.61	4 1-	4ACSR	0	0	195	151	21	1	1	0.00	7.55	0
CO13415+	CO13414	12.00	3 1-	4ACSR	0	0	192	149	18	1	1	0.01	7.56	0
CO13416+	CO13415	12.17	2 1-	4ACSR	0	0	191	148	15	1	1	0.00	7.56	0
CO13383+	CO13416	12.27	1 1-	4ACSR	0	0	191	148	8	0	0	0.00	7.56	0
CO13417+	CO13416	12.32	1 1-	4ACSR	0	0	191	148	7	0	0	0.00	7.56	0
CO13418+	CO13417	12.38	1 1-	4ACSR	0	0	190	147	7	0	0	0.00	7.56	0
CO13419+	CO13418	12.52	1 1-	4ACSR	0	0	189	147	7	0	0	0.00	7.57	0
CO13411+	OC351045001	11.54	4 1-	4ACSR	0	0	195	151	22	1	1	0.00	7.55	0
CO13412+	CO13411	11.54	0 1-	4ACSR	0	0	195	151	0	0	0	0.00	7.55	0
CO13409+	CO13412	11.59	0 1-	4ACSR	0	0	195	151	0	0	0	0.00	7.55	0
CO13410+	CO13411	11.64	4 1-	4ACSR	0	0	194	150	22	1	1	0.00	7.55	0
CO13408+	CO13410	11.65	2 1-	4ACSR	0	0	194	150	11	0	1	0.00	7.55	0
CO13407+	CO13408	11.71	2 1-	4ACSR	0	0	194	150	11	0	1	0.00	7.55	0
CO13406+	CO13407	11.74	0 1-	4ACSR	0	0	194	150	0	0	0	0.00	7.55	0
CO13405+	CO13406	11.79	0 1-	4ACSR	0	0	194	150	0	0	0	0.00	7.55	0
CO13382+	CO13364	11.40	1 1-	4ACSR	0	0	196	152	14	0	1	0.00	7.53	0
CO13403+	CO17225	11.31	2 1-	4ACSR	0	0	196	152	26	1	1	0.00	7.52	0
CO13404+	CO13403	11.35	1 1-	4ACSR	0	0	196	152	15	1	1	0.00	7.53	0
CO11949+	CO11948	11.14	5 1-	4ACSR	0	0	197	153	24	1	1	0.00	7.50	0
CO17130+	CO11949	11.29	4 1-	4ACSR	0	0	197	152	19	1	1	0.00	7.51	0
CO17131+	CO17130	11.51	1 1-	4ACSR	0	0	195	151	17	1	1	0.00	7.51	0
CO13363+	CO17130	11.34	3 1-	4ACSR	0	0	196	152	2	0	0	0.00	7.51	0
CO17224+	CO13363	11.59	3 1-	4ACSR	0	0	195	151	2	0	0	0.00	7.51	0
OC-928077633+	CO17224	11.59	3 1-	20 N FUSE	0	0	195	151	2	0	1	0.00	7.51	0
CO13628+	OC-928077633	11.69	3 1-	4ACSR	0	0	194	150	2	0	0	0.00	7.51	0
CO13585+	CO13628	11.81	1 1-	4ACSR	0	0	193	150	1	0	0	0.00	7.51	0
CO13552+	CO13628	11.87	2 1-	4ACSR	0	0	193	150	1	0	0	0.00	7.51	0
CO13627+	CO13552	12.06	1 1-	4ACSR	0	0	192	149	1	0	0	0.00	7.51	0
CO13626+	CO13627	12.19	1 1-	4ACSR	0	0	191	148	1	0	0	0.00	7.51	0
OC-1537601674+	CO13626	12.19	1 1-	20 N FUSE	0	0	191	148	1	0	0	0.00	7.51	0
CO13586+	OC-1537601674	12.23	0 1-	4ACSR	0	0	191	148	0	0	0	0.00	7.51	0
CO13553+	OC-1537601674	12.34	1 1-	4ACSR	0	0	190	147	1	0	0	0.00	7.51	0
CO13551+	CO13553	12.49	0 1-	4ACSR	0	0	190	147	0	0	0	0.00	7.51	0
CO13695+	CO13551	12.50	0 1-	4ACSR	0	0	190	147	0	0	0	0.00	7.51	0
CO13584+	CO13553	12.56	1 1-	4ACSR	0	0	189	147	1	0	0	0.00	7.51	0
CO13651+	CO13552	12.01	1 1-	4ACSR	0	0	192	149	0	0	0	0.00	7.51	0
CO13652+	CO13651	12.09	1 1-	4ACSR	0	0	192	149	0	0	0	0.00	7.51	0
CO13653+	CO13652	12.11	0 1-	4ACSR	0	0	192	148	0	0	0	0.00	7.51	0
CO13384+	CO13363	11.39	0 1-	4ACSR	0	0	196	152	0	0	0	0.00	7.51	0
CO17129+	CO11949	11.32	1 1-	4ACSR	0	0	196	152	5	0	0	0.00	7.50	0
CO11972+	CO11947	11.06	0 1-	4ACSR	0	0	198	153	0	0	0	0.00	7.46	0
CO12019+	CO12090	10.97	1 1-	4ACSR	0	0	198	153	0	0	0	0.00	7.43	0
CO12020+	CO12019	11.06	1 1-	4ACSR	0	0	198	153	0	0	0	0.00	7.43	0
CO12018+	CO12020	11.19	0 1-	4ACSR	0	0	197	152	0	0	0	0.00	7.43	0
CO12064+	CO12009	10.20	2 1-	4ACSR	0	0	203	157	15	1	1	0.00	7.33	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12065+	CO12064	10.29	2 1-	4ACSR	0	0	203	157	15	1	1	0.00	7.33	0
CO-1524974993+	CO12065	10.36	0 1-	2ACSR	0	0	202	156	0	0	0	0.00	7.33	0
CO767400853	CO-1870681441	9.62	242 3-	2ACSR	670	632	566	154	1023	48	27	0.11	7.03	195
CO1088415086	CO767400853	10.18	242 3-	2ACSR	625	590	521	150	1022	48	27	0.70	7.73	1200
CO1535825041	CO1088415086	10.29	242 3-	2ACSR	617	583	513	150	1017	48	27	0.14	7.87	235
CO-2048359733	CO1535825041	10.62	242 3-	2ACSR	593	561	490	148	1016	48	27	0.41	8.28	708
CO-1239129141	CO-2048359733	10.77	237 3-	2ACSR	583	551	480	147	999	47	27	0.18	8.46	305
CO1592769445	CO-1239129141	10.87	237 3-	2ACSR	576	545	474	146	998	47	27	0.12	8.58	211
CO12096	CO1592769445	11.04	3 1-	4ACSR	0	0	461	145	2	0	0	0.00	8.58	0
OC-887351234	CO12096	11.04	2 1-	20 N FUSE	0	0	461	145	2	0	2	0.00	8.58	0
CO12097	OC-887351234	11.24	2 1-	4ACSR	0	0	447	143	2	0	0	0.00	8.59	0
CO12027	CO12097	11.33	2 1-	4ACSR	0	0	441	143	2	0	0	0.00	8.59	0
CO12098	CO12027	11.37	1 1-	4ACSR	0	0	438	142	1	0	0	0.00	8.59	0
CO12099	CO12098	11.52	1 1-	4ACSR	0	0	428	141	1	0	0	0.00	8.59	0
CO-619036140	CO1592769445	11.20	234 3-	2ACSR	554	525	454	144	994	47	27	0.41	8.99	701
CO12028	CO-619036140	11.32	1 1-	4ACSR	0	0	445	144	8	1	1	0.01	9.00	0
CO17132	CO12028	11.51	1 1-	4ACSR	0	0	433	142	8	1	1	0.01	9.01	0
CO13385	CO17132	11.74	1 1-	6ACWC	0	0	418	140	8	1	1	0.01	9.02	0
CO-1304761795	CO-619036140	11.33	233 3-	2ACSR	547	518	447	144	983	47	26	0.15	9.15	254
CO12132	CO-1304761795	11.36	173 3-	1/0ACSR	545	516	445	144	730	35	15	0.02	9.17	26
CO11992	CO12132	11.38	1 1-	2ACSR	0	0	444	144	6	0	1	0.00	9.17	0
CO-878693716	CO12132	11.89	172 3-	2ACSR	515	488	418	141	724	34	19	0.47	9.64	584
CO-1193258934	CO-878693716	11.92	172 3-	2ACSR	513	487	416	141	721	34	19	0.03	9.66	32
CO-1240420333	CO-1193258934	12.03	172 3-	2ACSR	507	481	411	140	721	34	19	0.10	9.77	126
CO13425	CO-1240420333	12.05	172 3-	1/0ACSR	506	480	410	140	720	34	15	0.01	9.78	17
CO13423	CO13425	12.08	172 3-	1/0ACSR	505	479	409	140	720	34	15	0.02	9.79	18
CO-1497565019	CO13423	12.15	166 3-	2ACSR	501	476	406	139	686	33	19	0.06	9.85	69
CO-1649253182	CO-1497565019	12.17	165 3-	2ACSR	500	475	404	139	682	33	18	0.02	9.88	26
CO1652835023	CO-1649253182	12.22	0 1-	2ACSR	0	0	402	139	0	0	0	0.00	9.88	0
CO-251038377	CO-1649253182	12.23	165 3-	2ACSR	497	472	402	139	682	33	18	0.05	9.92	58
CO23622911	CO-251038377	12.38	163 3-	2ACSR	489	465	395	138	673	32	18	0.13	10.05	148
CO13366	CO23622911	12.69	2 1-	6ACWC	0	0	379	136	9	1	1	0.02	10.07	0
OC-756084245	CO13366	12.69	2 1-	20 N FUSE	0	0	379	136	9	1	6	0.00	10.07	0
CO13388	OC-756084245	12.80	1 1-	6ACWC	0	0	373	135	6	0	1	0.00	10.07	0
CO13387	OC-756084245	12.88	1 1-	6ACWC	0	0	369	135	3	0	0	0.00	10.07	0
CO13430	CO23622911	12.67	5 1-	4ACSR	0	0	380	136	11	1	1	0.02	10.07	0
OC292798951	CO13430	12.67	3 1-	20 N FUSE	0	0	380	136	9	1	7	0.00	10.07	0
CO13431	OC292798951	12.75	3 1-	4ACSR	0	0	376	136	9	1	1	0.00	10.08	0
CO13398	CO13431	12.82	3 1-	2ACSR	0	0	372	135	9	1	1	0.00	10.08	0
CO13390	CO13398	12.87	3 1-	4ACSR	0	0	370	135	9	1	1	0.00	10.08	0
CO30662	CO13390	12.91	2 1-	4ACSR	0	0	368	135	9	1	1	0.00	10.08	0
CO13389	CO30662	12.96	1 1-	4ACSR	0	0	365	134	0	0	0	0.00	10.08	0
CO-827223594	CO23622911	12.61	156 3-	2ACSR	478	455	385	137	653	31	18	0.19	10.24	210
CO13515	CO-827223594	12.66	156 3-	1/0ACSR	476	453	383	137	652	31	14	0.03	10.27	31
CO668338916	CO13515	12.98	155 3-	2ACSR	461	439	370	135	651	31	18	0.26	10.53	292
CO-118966892	CO668338916	13.21	155 3-	2ACSR	451	430	362	134	650	31	18	0.18	10.71	208
CO13506	CO-118966892	13.27	122 3-	1/0ACSR	449	428	359	134	495	24	11	0.03	10.74	23
CO2064600554	CO13506	13.71	122 3-	2ACSR	431	411	344	132	495	24	13	0.27	11.01	234
CO-1776761602	CO2064600554	14.04	112 3-	2ACSR	418	399	333	130	439	21	12	0.18	11.19	139
CO2112484479	CO-1776761602	14.23	112 3-	2ACSR	411	393	327	129	438	21	12	0.10	11.29	78
CO604407734	CO2112484479	14.33	111 3-	2ACSR	408	390	324	129	435	21	12	0.06	11.35	43
CO-260507057	CO604407734	14.63	111 3-	2ACSR	397	380	315	127	435	21	12	0.17	11.52	128

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13395	CO-260507057	14.67	1 1-	4ACSR	0	0	314	127	3	0	0	0.00	11.52	0
OC1870286430	CO13395	14.67	0 1-	20 N FUSE	0	0	314	127	0	0	0	0.00	11.52	0
CO994778840	CO-260507057	14.74	110 3-	2ACSR	393	376	312	127	432	21	12	0.06	11.58	44
CO17094	CO994778840	15.19	0 1-	4ACSR	0	0	297	124	0	0	0	0.00	11.58	0
CO13583	CO17094	15.28	0 1-	4ACSR	0	0	294	124	0	0	0	0.00	11.58	0
CO13582	CO17094	15.28	0 1-	4ACSR	0	0	294	124	0	0	0	0.00	11.58	0
CO-753821881	CO994778840	14.83	110 3-	2ACSR	390	373	310	127	432	21	12	0.05	11.63	38
CO2069782642	CO-753821881	15.08	110 3-	2ACSR	382	366	303	125	432	21	12	0.13	11.76	102
CO13555	CO2069782642	15.12	1 1-	4ACSR	0	0	301	125	1	0	0	0.00	11.76	0
OC-1898752221	CO13555	15.12	0 1-	20 N FUSE	0	0	301	125	0	0	0	0.00	11.76	0
CO13554	CO2069782642	15.15	1 1-	4ACSR	0	0	300	125	4	0	0	0.00	11.76	0
OC990428307	CO13554	15.15	0 1-	20 N FUSE	0	0	300	125	0	0	0	0.00	11.76	0
CO13530	CO2069782642	15.11	108 3-	1/0ACSR	382	365	302	125	426	21	9	0.01	11.77	8
CO1749697684	CO13530	15.30	108 3-	2ACSR	376	360	297	124	426	21	12	0.10	11.88	78
CO13703	CO1749697684	15.31	31 1-	4ACSR	0	0	297	124	115	17	12	0.01	11.88	0
OC394	CO13703	15.31	31 1-	15 H OCR	0	0	297	124	115	17	114	0.00	11.88	0
CO13704	OC394	15.39	31 1-	4ACSR	0	0	294	124	115	17	12	0.06	11.95	13
CO13654	CO13704	15.56	31 1-	4ACSR	0	0	289	123	115	17	12	0.12	12.07	24
CO13710	CO13654	15.71	29 1-	4ACSR	0	0	284	122	107	15	11	0.11	12.18	21
CO13650	CO13710	15.81	4 1-	4ACSR	0	0	281	121	17	2	2	0.01	12.19	0
CO13649	CO13650	15.91	3 1-	4ACSR	0	0	279	121	14	2	2	0.01	12.20	0
CO13655	CO13649	16.08	3 1-	4ACSR	0	0	274	120	14	2	2	0.01	12.21	0
CO13656	CO13655	16.12	1 1-	4ACSR	0	0	273	120	5	0	1	0.00	12.21	0
CO13657	CO13710	15.89	25 1-	4ACSR	0	0	279	121	91	13	10	0.11	12.28	17
CO13658	CO13657	16.23	24 1-	4ACSR	0	0	270	119	86	12	9	0.19	12.48	30
CO13550	CO13658	16.58	21 1-	4ACSR	0	0	261	117	79	11	8	0.18	12.66	25
CO13549	CO13550	16.65	20 1-	4ACSR	0	0	259	117	65	9	7	0.03	12.69	4
CO13659	CO13549	16.70	15 1-	4ACSR	0	0	257	117	36	5	4	0.01	12.71	0
CO13660	CO13659	16.75	14 1-	4ACSR	0	0	256	116	28	4	3	0.01	12.71	0
CO-1155855304	CO13660	16.84	1 1-	2ACSR	0	0	254	116	0	0	0	0.00	12.71	0
CO13548	CO13660	17.17	11 1-	4ACSR	0	0	246	114	20	3	2	0.06	12.77	0
CO13547	CO13548	17.39	9 1-	4ACSR	0	0	241	113	18	2	2	0.02	12.79	0
CO13574	CO13547	17.50	1 1-	4ACSR	0	0	239	112	3	0	0	0.00	12.79	0
CO13622	CO13547	17.47	6 1-	4ACSR	0	0	239	113	10	1	1	0.01	12.80	0
CO13621	CO13622	17.50	6 1-	4ACSR	0	0	239	112	10	1	1	0.00	12.80	0
CO13546	CO13621	17.61	6 1-	4ACSR	0	0	236	112	10	1	1	0.01	12.81	0
CO13641	CO13546	17.69	5 1-	4ACSR	0	0	235	111	9	1	1	0.00	12.81	0
CO13640	CO13641	17.71	5 1-	4ACSR	0	0	234	111	9	1	1	0.00	12.81	0
CO13661	CO13640	17.90	4 1-	4ACSR	0	0	230	110	8	1	1	0.01	12.82	0
CO13662	CO13661	17.95	2 1-	4ACSR	0	0	229	110	7	1	1	0.00	12.83	0
CO13573	CO13546	17.91	1 1-	4ACSR	0	0	230	110	2	0	0	0.00	12.81	0
CO13545	CO13621	17.88	0 1-	4ACSR	0	0	231	111	0	0	0	0.00	12.80	0
CO13572	CO13545	18.07	0 1-	4ACSR	0	0	227	110	0	0	0	0.00	12.80	0
CO13663	CO13545	17.95	0 1-	4ACSR	0	0	229	110	0	0	0	0.00	12.80	0
CO13664	CO13663	17.97	0 1-	4ACSR	0	0	229	110	0	0	0	0.00	12.80	0
CO13643	CO13548	17.34	2 1-	4ACSR	0	0	242	113	2	0	0	0.00	12.77	0
CO13642	CO13643	17.38	2 1-	4ACSR	0	0	241	113	2	0	0	0.00	12.77	0
CO13576	CO13642	17.47	1 1-	4ACSR	0	0	239	113	1	0	0	0.00	12.77	0
CO13575	CO13642	17.42	1 1-	4ACSR	0	0	241	113	1	0	0	0.00	12.77	0
CO13577	CO13660	16.82	2 1-	4ACSR	0	0	254	116	7	1	1	0.00	12.71	0
CO13646	CO13549	16.79	5 1-	4ACSR	0	0	255	116	28	4	3	0.03	12.72	0
CO13692	CO13646	16.82	5 1-	4ACSR	0	0	254	116	28	4	3	0.00	12.72	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13645	CO13692	16.83	2 1-	4ACSR	0	0	254	116	9	1	1	0.00	12.72	0
CO13644	CO13645	16.88	2 1-	4ACSR	0	0	253	116	9	1	1	0.00	12.73	0
CO13579	CO13550	16.67	1 1-	4ACSR	0	0	258	117	14	2	1	0.00	12.66	0
CO13578	CO13550	16.63	0 1-	4ACSR	0	0	259	117	0	0	0	0.00	12.66	0
CO13581	CO13658	16.28	1 1-	4ACSR	0	0	268	119	5	0	1	0.00	12.48	0
CO13625	CO13658	16.41	2 1-	4ACSR	0	0	265	118	3	0	0	0.00	12.48	0
CO13589	CO13625	16.45	1 1-	2ACSR	0	0	264	118	2	0	0	0.00	12.48	0
CO13624	CO13625	16.51	0 1-	4ACSR	0	0	262	118	0	0	0	0.00	12.48	0
CO13623	CO13624	16.77	0 1-	4ACSR	0	0	256	116	0	0	0	0.00	12.48	0
CO13648	CO13623	16.89	0 1-	4ACSR	0	0	253	116	0	0	0	0.00	12.48	0
CO13647	CO13648	16.99	0 1-	4ACSR	0	0	250	115	0	0	0	0.00	12.48	0
CO13580	CO13623	16.85	0 1-	4ACSR	0	0	254	116	0	0	0	0.00	12.48	0
CO-973969714	CO1749697684	15.47	77 3-	2ACSR	370	355	293	124	310	15	9	0.07	11.94	36
CO13699	CO-973969714	15.48	33 1-	4ACSR	0	0	293	124	153	22	16	0.01	11.95	0
OC392	CO13699	15.48	33 1-	25 H OCR	0	0	293	124	153	22	91	0.00	11.95	0
CO13700	OC392	15.62	33 1-	4ACSR	0	0	288	123	153	22	16	0.14	12.09	38
CO13665	CO13700	15.65	33 1-	4ACSR	0	0	287	123	153	22	16	0.03	12.12	9
CO13666	CO13665	15.82	32 1-	4ACSR	0	0	282	122	146	21	15	0.17	12.29	43
CO13533	CO13666	16.01	11 1-	4ACSR	0	0	277	121	33	4	4	0.04	12.33	2
CO13534	CO13533	16.14	11 1-	4ACSR	0	0	273	120	33	4	4	0.03	12.36	0
CO13633	CO13534	16.26	2 1-	4ACSR	0	0	270	119	13	2	1	0.01	12.37	0
CO13632	CO13633	16.41	1 1-	4ACSR	0	0	266	118	7	1	1	0.00	12.37	0
CO13595	CO13534	16.32	9 1-	4ACSR	0	0	268	119	20	2	2	0.02	12.38	0
CO13594	CO13595	16.59	9 1-	4ACSR	0	0	261	117	20	2	2	0.04	12.42	0
CO13379	CO13594	16.73	1 1-	4ACSR	0	0	258	117	0	0	0	0.00	12.42	0
CO13597	CO13594	16.72	5 1-	4ACSR	0	0	258	117	16	2	2	0.01	12.43	0
CO13596	CO13597	16.78	4 1-	4ACSR	0	0	256	116	13	1	1	0.01	12.44	0
CO13668	CO13596	16.83	4 1-	4ACSR	0	0	255	116	13	1	1	0.00	12.44	0
CO17093	CO13668	17.02	3 1-	4ACSR	0	0	251	115	13	1	1	0.02	12.46	0
CO13497	CO17093	17.06	3 1-	4ACSR	0	0	250	115	13	1	1	0.00	12.46	0
CO13496	CO13497	17.50	2 1-	4ACSR	0	0	240	113	3	0	0	0.01	12.47	0
CO13631	CO13594	16.69	2 1-	4ACSR	0	0	259	117	4	0	0	0.00	12.42	0
CO13630	CO13631	16.72	1 1-	4ACSR	0	0	258	117	4	0	0	0.00	12.42	0
CO13557	CO13533	16.08	0 1-	4ACSR	0	0	275	120	0	0	0	0.00	12.33	0
CO13532	CO13666	15.89	21 1-	4ACSR	0	0	280	121	113	16	12	0.05	12.34	11
CO13593	CO13532	16.00	20 1-	4ACSR	0	0	277	121	106	15	11	0.07	12.42	14
CO13667	CO13593	16.02	20 1-	4ACSR	0	0	277	121	106	15	11	0.01	12.43	3
CO17092	CO13667	16.13	19 1-	4ACSR	0	0	273	120	104	15	11	0.08	12.51	14
CO13487	CO17092	16.20	17 1-	4ACSR	0	0	271	120	92	13	10	0.04	12.55	7
CO13374	CO13487	16.28	1 1-	4ACSR	0	0	269	119	0	0	0	0.00	12.55	0
CO13360	CO13487	16.26	16 1-	4ACSR	0	0	270	119	92	13	10	0.03	12.58	5
CO13376	CO13360	16.34	0 1-	4ACSR	0	0	268	119	0	0	0	0.00	12.58	0
CO13375	CO13360	16.30	2 1-	4ACSR	0	0	269	119	18	2	2	0.00	12.59	0
CO13488	CO13360	16.47	14 1-	4ACSR	0	0	264	118	73	10	8	0.10	12.68	13
CO59650245	CO13488	16.61	12 1-	2ACSR	0	0	261	118	69	10	6	0.05	12.73	5
CO1453384382	CO59650245	16.66	1 1-	2ACSR	0	0	260	117	8	1	1	0.00	12.73	0
CO70533784	CO59650245	16.64	11 1-	2ACSR	0	0	261	117	62	9	5	0.01	12.74	0
CO13361	CO70533784	16.77	10 1-	4ACSR	0	0	258	117	60	8	6	0.05	12.79	5
CO13378	CO13361	16.82	2 1-	4ACSR	0	0	256	116	11	1	1	0.00	12.79	0
CO13490	CO13361	16.78	8 1-	4ACSR	0	0	257	117	50	7	5	0.00	12.79	0
CO13495	CO13490	16.95	4 1-	4ACSR	0	0	253	116	29	4	3	0.03	12.82	0
CO13494	CO13495	17.16	3 1-	4ACSR	0	0	248	115	25	3	3	0.03	12.85	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13493	CO13494	17.23	2 1-	4ACSR	0	0	246	114	15	2	2	0.01	12.86	0
CO13492	CO13493	17.37	1 1-	4ACSR	0	0	243	114	12	1	1	0.01	12.87	0
CO13491	CO13492	17.46	1 1-	4ACSR	0	0	241	113	12	1	1	0.00	12.87	0
CO13377	CO70533784	16.73	1 1-	4ACSR	0	0	258	117	1	0	0	0.00	12.74	0
CO13556	CO13532	15.96	1 1-	4ACSR	0	0	278	121	6	0	1	0.00	12.35	0
CO13535	CO-973969714	15.53	44 1-	4ACSR	0	0	291	123	157	23	17	0.06	12.00	16
CO13701	CO13535	15.54	40 1-	4ACSR	0	0	291	123	145	21	15	0.01	12.01	0
OC393	CO13701	15.54	40 1-	15 H OCR	0	0	291	123	145	21	143	0.00	12.01	0
CO13702	OC393	15.60	40 1-	4ACSR	0	0	289	123	145	21	15	0.06	12.07	15
CO13669	CO13702	15.75	39 1-	4ACSR	0	0	284	122	145	21	15	0.15	12.22	38
CO13600	CO13669	15.88	37 1-	4ACSR	0	0	281	121	141	20	15	0.12	12.34	30
CO13599	CO13600	15.91	36 1-	4ACSR	0	0	280	121	136	20	14	0.03	12.36	6
CO399039947	CO13599	15.94	36 1-	4ACSR	0	0	279	121	136	20	14	0.03	12.40	8
CO-1596632197	CO399039947	16.13	35 1-	4ACSR	0	0	273	120	133	19	14	0.17	12.56	39
CO13537	CO-1596632197	16.22	31 1-	4ACSR	0	0	271	119	115	17	12	0.07	12.63	15
CO13602	CO13537	16.34	28 1-	4ACSR	0	0	268	119	110	16	12	0.09	12.72	17
CO13601	CO13602	16.37	28 1-	4ACSR	0	0	267	119	110	16	12	0.02	12.74	4
CO13538	CO13601	16.39	26 1-	4ACSR	0	0	266	118	99	14	11	0.02	12.76	3
CO13670	CO13538	16.49	24 1-	4ACSR	0	0	264	118	84	12	9	0.05	12.81	8
CO13671	CO13670	16.58	23 1-	4ACSR	0	0	261	117	84	12	9	0.05	12.86	8
CO13637	CO13671	16.87	2 1-	4ACSR	0	0	254	116	7	1	1	0.01	12.88	0
CO13636	CO13637	16.89	2 1-	4ACSR	0	0	254	116	7	1	1	0.00	12.88	0
CO13564	CO13636	16.93	0 1-	4ACSR	0	0	253	116	0	0	0	0.00	12.88	0
CO13565	CO13637	16.92	0 1-	4ACSR	0	0	253	116	0	0	0	0.00	12.88	0
CO13672	CO13671	16.64	20 1-	4ACSR	0	0	260	117	74	11	8	0.03	12.89	4
CO13673	CO13672	16.71	19 1-	4ACSR	0	0	258	117	74	11	8	0.03	12.93	4
CO13674	CO13673	16.79	18 1-	4ACSR	0	0	256	116	71	10	8	0.04	12.96	5
CO13603	CO13674	16.82	18 1-	4ACSR	0	0	255	116	71	10	8	0.01	12.98	0
CO13675	CO13603	16.93	18 1-	4ACSR	0	0	253	116	71	10	8	0.05	13.03	7
CO13676	CO13675	17.00	18 1-	4ACSR	0	0	251	115	71	10	8	0.03	13.06	4
CO13539	CO13676	17.17	16 1-	4ACSR	0	0	247	114	56	8	6	0.07	13.13	7
CO13540	CO13539	17.33	16 1-	4ACSR	0	0	243	114	56	8	6	0.06	13.19	6
CO13569	CO13540	17.43	1 1-	4ACSR	0	0	241	113	6	0	1	0.00	13.19	0
CO13541	CO13540	17.47	15 1-	4ACSR	0	0	240	113	50	7	5	0.05	13.24	4
CO13677	CO13541	17.54	14 1-	4ACSR	0	0	239	112	50	7	5	0.02	13.26	0
OC286912396	CO13677	17.54	13 1-	20 N FUSE	0	0	239	112	49	7	37	0.00	13.26	0
CO13678	OC286912396	17.88	13 1-	4ACSR	0	0	232	111	49	7	5	0.11	13.37	10
CO17151	CO13678	18.10	13 1-	4ACSR	0	0	227	110	49	7	5	0.07	13.44	6
CO13871	CO17151	18.20	12 1-	4ACSR	0	0	225	109	48	7	5	0.03	13.48	3
CO13872	CO13871	18.27	12 1-	4ACSR	0	0	224	109	48	7	5	0.02	13.50	0
CO13803	CO13872	18.35	1 1-	4ACSR	0	0	222	109	7	1	1	0.00	13.50	0
CO13817	CO13872	18.33	11 1-	4ACSR	0	0	223	109	41	6	4	0.02	13.52	0
CO13880	CO13817	18.46	9 1-	4ACSR	0	0	220	108	35	5	4	0.03	13.54	0
CO13879	CO13880	18.51	8 1-	4ACSR	0	0	219	108	26	3	3	0.01	13.55	0
CO13881	CO13879	18.56	7 1-	4ACSR	0	0	219	108	24	3	3	0.01	13.56	0
CO13804	CO13881	18.69	3 1-	4ACSR	0	0	216	107	13	1	1	0.01	13.56	0
CO13844	CO13881	18.80	4 1-	4ACSR	0	0	214	106	12	1	1	0.02	13.58	0
CO13845	CO13844	19.02	4 1-	4ACSR	0	0	210	106	12	1	1	0.02	13.60	0
CO13846	CO13845	19.06	4 1-	4ACSR	0	0	210	105	12	1	1	0.00	13.60	0
CO13847	CO13846	19.35	4 1-	4ACSR	0	0	205	104	12	1	1	0.02	13.62	0
OC1652324687	CO13847	19.35	4 1-	20 N FUSE	0	0	205	104	12	1	9	0.00	13.62	0
CO13848	OC1652324687	19.49	4 1-	4ACSR	0	0	203	103	12	1	1	0.01	13.63	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13849	CO13848	19.55	4 1-	4ACSR	0	0	202	103	12	1	1	0.00	13.64	0
CO13850	CO13849	19.63	3 1-	4ACSR	0	0	201	103	6	0	1	0.00	13.64	0
CO13823	CO13850	19.67	2 1-	4ACSR	0	0	200	103	6	0	1	0.00	13.64	0
CO13824	CO13823	19.76	1 1-	4ACSR	0	0	199	102	3	0	0	0.00	13.64	0
CO13854	CO13850	19.68	1 1-	4ACSR	0	0	200	103	0	0	0	0.00	13.64	0
CO13855	CO13854	19.79	0 1-	4ACSR	0	0	198	102	0	0	0	0.00	13.64	0
CO13856	CO13855	19.92	0 1-	4ACSR	0	0	196	102	0	0	0	0.00	13.64	0
CO13606	CO13541	17.66	1 1-	4ACSR	0	0	236	112	0	0	0	0.00	13.24	0
CO13708	CO13606	18.16	1 1-	4ACSR	0	0	226	109	0	0	0	0.00	13.24	0
CO13620	CO13708	18.29	1 1-	4ACSR	0	0	224	109	0	0	0	0.00	13.24	0
CO13619	CO13620	18.40	1 1-	4ACSR	0	0	221	108	0	0	0	0.00	13.24	0
CO13568	CO13539	17.28	0 1-	4ACSR	0	0	245	114	0	0	0	0.00	13.13	0
CO13567	CO13676	17.12	0 1-	4ACSR	0	0	248	115	0	0	0	0.00	13.06	0
CO13566	CO13676	17.10	2 1-	4ACSR	0	0	249	115	14	2	2	0.00	13.07	0
CO13605	CO13603	16.91	0 1-	4ACSR	0	0	253	116	0	0	0	0.00	12.98	0
CO13604	CO13605	17.19	0 1-	4ACSR	0	0	247	114	0	0	0	0.00	12.98	0
CO13563	CO13538	16.43	2 1-	4ACSR	0	0	265	118	15	2	2	0.00	12.76	0
CO13635	CO13601	16.41	2 1-	4ACSR	0	0	266	118	11	1	1	0.00	12.74	0
CO13634	CO13635	16.44	1 1-	4ACSR	0	0	265	118	2	0	0	0.00	12.74	0
CO13562	CO13537	16.34	3 1-	4ACSR	0	0	268	119	5	0	0	0.00	12.64	0
CO13536	CO-1596632197	16.23	4 1-	4ACSR	0	0	271	119	18	2	2	0.01	12.57	0
CO13561	CO13536	16.52	1 1-	4ACSR	0	0	263	118	12	1	1	0.01	12.59	0
CO13679	CO13536	16.34	1 1-	4ACSR	0	0	268	119	4	0	0	0.00	12.58	0
CO-938409196	CO13679	16.37	0 1-	2ACSR	0	0	267	119	0	0	0	0.00	12.58	0
CO13680	CO13679	16.55	1 1-	4ACSR	0	0	262	118	4	0	0	0.00	12.58	0
CO13693	CO13680	16.59	0 1-	4ACSR	0	0	261	117	0	0	0	0.00	12.58	0
CO13694	CO13693	16.60	0 1-	4ACSR	0	0	261	117	0	0	0	0.00	12.58	0
CO333944830	CO399039947	16.03	1 1-	2ACSR	0	0	277	121	3	0	0	0.00	12.40	0
CO13587	CO13600	15.90	1 1-	4ACSR	0	0	280	121	5	0	0	0.00	12.34	0
CO13560	CO13669	15.83	1 1-	4ACSR	0	0	282	122	3	0	0	0.00	12.22	0
CO13559	CO13669	15.87	1 1-	4ACSR	0	0	281	121	1	0	0	0.00	12.22	0
CO13558	CO13535	15.62	4 1-	4ACSR	0	0	288	123	12	1	1	0.00	12.01	0
CO13629	CO13530	15.21	0 1-	4ACSR	0	0	299	125	0	0	0	0.00	11.77	0
CO17226	CO13629	15.44	0 1-	4ACSR	0	0	291	123	0	0	0	0.00	11.77	0
CO17227	CO-753821881	14.95	0 1-	4ACSR	0	0	305	126	0	0	0	0.00	11.63	0
OC-308347462	CO17227	14.95	0 1-	20 N FUSE	0	0	305	126	0	0	0	0.00	11.63	0
CO13394	CO2112484479	14.27	1 1-	4ACSR	0	0	325	129	2	0	0	0.00	11.29	0
CO13370	CO2064600554	13.85	10 1-	6ACWC	0	0	338	131	55	8	6	0.05	11.06	5
OC-32983642	CO13370	13.85	9 1-	20 N FUSE	0	0	338	131	53	7	39	0.00	11.06	0
CO13485	OC-32983642	13.90	7 1-	6ACWC	0	0	336	130	50	7	5	0.01	11.07	0
CO13486	CO13485	14.01	7 1-	6ACWC	0	0	332	130	50	7	5	0.04	11.11	3
CO13393	CO13486	14.27	0 1-	4ACSR	0	0	322	128	0	0	0	0.00	11.11	0
CO13504	CO13486	14.10	7 1-	4ACSR	0	0	328	129	50	7	5	0.03	11.14	3
CO13505	CO13504	14.20	6 1-	4ACSR	0	0	324	128	41	6	4	0.03	11.17	0
CO13502	CO13505	14.23	6 1-	4ACSR	0	0	323	128	41	6	4	0.01	11.18	0
CO13503	CO13502	14.27	6 1-	4ACSR	0	0	322	128	41	6	4	0.01	11.19	0
CO13396	CO13503	14.30	1 1-	4ACSR	0	0	320	128	8	1	1	0.00	11.19	0
CO13501	CO13503	14.34	5 1-	4ACSR	0	0	319	128	33	4	4	0.02	11.20	0
CO13500	CO13501	14.37	5 1-	4ACSR	0	0	318	127	33	4	4	0.00	11.21	0
CO13499	CO13500	14.41	3 1-	4ACSR	0	0	316	127	18	2	2	0.00	11.21	0
CO13498	CO13499	14.55	1 1-	4ACSR	0	0	311	126	10	1	1	0.00	11.22	0
CO13399	CO13504	14.12	1 1-	2ACSR	0	0	328	129	9	1	1	0.00	11.14	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13526	CO13486	14.05	0 1-	6ACWC	0	0	330	129	0	0	0	0.00	11.11	0
CO13527	CO13526	14.05	0 1-	6ACWC	0	0	330	129	0	0	0	0.00	11.11	0
SW389-A	CO13527	14.05	0 1-	Open	0	0	330	129	0	0	0	0.00	11.11	0
CO13397	OC-32983642	13.97	2 1-	4ACSR	0	0	333	130	2	0	0	0.00	11.06	0
CO13518	CO2064600554	13.72	0 1-	4ACSR	0	0	344	132	0	0	0	0.00	11.01	0
CO13434	CO-118966892	13.54	33 1-	6ACWC	0	0	347	132	154	22	16	0.34	11.05	90
OC-1089935725	CO13434	13.54	33 1-	20 N FUSE	0	0	347	132	154	22	113	0.00	11.05	0
CO13435	OC-1089935725	13.62	33 1-	6ACWC	0	0	343	131	154	22	16	0.08	11.13	22
CO13436	CO13435	13.82	33 1-	6ACWC	0	0	335	130	154	22	16	0.20	11.33	54
CO13437	CO13436	13.85	33 1-	6ACWC	0	0	334	130	154	22	16	0.04	11.36	10
CO13438	CO13437	13.89	33 1-	6ACWC	0	0	332	129	154	22	16	0.03	11.40	9
CO13439	CO13438	14.11	32 1-	6ACWC	0	0	323	128	143	21	15	0.21	11.61	53
CO13442	CO13439	14.43	3 1-	4ACSR	0	0	312	126	13	1	1	0.03	11.64	0
CO13443	CO13442	14.49	3 1-	4ACSR	0	0	310	126	13	1	1	0.00	11.64	0
CO13444	CO13443	14.57	2 1-	4ACSR	0	0	307	125	10	1	1	0.01	11.65	0
CO13445	CO13444	14.66	2 1-	4ACSR	0	0	304	125	10	1	1	0.00	11.65	0
CO13440	CO13439	14.17	29 1-	6ACWC	0	0	321	128	130	19	14	0.05	11.65	10
CO13441	CO13440	14.36	28 1-	6ACWC	0	0	314	127	126	18	13	0.16	11.81	35
CO13528	CO13441	14.36	28 1-	6ACWC	0	0	314	126	126	18	13	0.01	11.82	0
OC385	CO13528	14.36	28 1-	15 H OCR	0	0	314	126	126	18	124	0.00	11.82	0
CO13446	OC385	14.51	1 1-	6ACWC	0	0	309	126	1	0	0	0.00	11.82	0
OC-2120895543	CO13446	14.51	1 1-	20 N FUSE	0	0	309	126	1	0	0	0.00	11.82	0
CO17125	OC-2120895543	14.95	1 1-	6ACWC	0	0	294	123	1	0	0	0.00	11.82	0
CO11480	CO17125	15.09	1 1-	6ACWC	0	0	290	122	1	0	0	0.00	11.82	0
CO11547	CO11480	15.23	1 1-	6ACWC	0	0	286	121	1	0	0	0.00	11.82	0
CO11546	CO11547	15.46	1 1-	6ACWC	0	0	279	120	1	0	0	0.00	11.82	0
CO11496	CO11546	15.59	1 1-	6ACWC	0	0	275	119	1	0	0	0.00	11.82	0
CO13525	OC385	14.46	27 1-	6ACWC	0	0	311	126	125	18	13	0.08	11.89	17
CO13447	CO13525	14.60	1 1-	4ACSR	0	0	306	125	5	0	1	0.01	11.90	0
CO13448	CO13447	14.66	1 1-	4ACSR	0	0	304	125	5	0	1	0.00	11.90	0
CO13449	CO13448	14.96	1 1-	4ACSR	0	0	294	123	5	0	1	0.01	11.91	0
CO13450	CO13449	15.04	0 1-	4ACSR	0	0	291	122	0	0	0	0.00	11.91	0
CO13451	CO13450	15.12	0 1-	4ACSR	0	0	288	122	0	0	0	0.00	11.91	0
CO13452	CO13451	15.18	0 1-	4ACSR	0	0	287	122	0	0	0	0.00	11.91	0
CO13356	CO13525	14.83	26 1-	6ACWC	0	0	298	124	120	17	13	0.29	12.19	62
CO13453	CO13356	14.92	21 1-	6ACWC	0	0	295	123	97	14	10	0.06	12.25	11
CO13454	CO13453	15.17	21 1-	6ACWC	0	0	287	122	97	14	10	0.16	12.41	27
CO13402	CO13454	15.23	1 1-	2ACSR	0	0	286	121	12	1	1	0.00	12.41	0
CO13455	CO13454	15.21	20 1-	6ACWC	0	0	286	121	85	12	9	0.03	12.43	4
CO13358	CO13455	15.65	19 1-	6ACWC	0	0	273	119	76	11	8	0.21	12.64	28
OC-860320609	CO13358	15.65	17 1-	20 N FUSE	0	0	273	119	72	10	54	0.00	12.64	0
CO13359	OC-860320609	15.70	13 1-	6ACWC	0	0	272	119	48	7	5	0.02	12.66	0
CO13458	CO13359	15.80	1 1-	4ACSR	0	0	269	118	4	0	0	0.00	12.66	0
CO13459	CO13458	15.87	1 1-	4ACSR	0	0	267	118	4	0	0	0.00	12.66	0
CO13460	CO13359	15.93	12 1-	6ACWC	0	0	266	117	44	6	5	0.06	12.72	5
CO13461	CO13460	15.97	11 1-	6ACWC	0	0	265	117	41	6	4	0.01	12.74	0
CO17126	CO13461	16.60	7 1-	6ACWC	0	0	249	114	25	3	3	0.11	12.84	5
CO11460	CO17126	16.64	0 1-	4ACSR	0	0	248	114	0	0	0	0.00	12.84	0
CO11451	CO17126	16.93	7 1-	6ACWC	0	0	242	112	25	3	3	0.04	12.89	0
CO11475	CO11451	17.03	6 1-	6ACWC	0	0	239	112	15	2	2	0.01	12.90	0
CO11476	CO11475	17.31	5 1-	6ACWC	0	0	233	110	13	1	1	0.02	12.92	0
CO11510	CO11476	17.36	3 1-	4ACSR	0	0	232	110	9	1	1	0.00	12.92	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL11513	COL11510	17.41	2 1-	4ACSR	0	0	231	110	0	0	0	0.00	12.92	0
COL11462	COL11513	17.48	1 1-	4ACSR	0	0	230	110	0	0	0	0.00	12.92	0
COL11511	COL11513	17.48	1 1-	4ACSR	0	0	230	110	0	0	0	0.00	12.92	0
COL11473	COL11511	17.56	0 1-	2ACSR	0	0	229	109	0	0	0	0.00	12.92	0
COL11512	COL11511	17.50	1 1-	4ACSR	0	0	229	110	0	0	0	0.00	12.92	0
COL11477	COL11476	17.50	2 1-	4ACSR	0	0	229	110	4	0	0	0.00	12.92	0
COL11478	COL11477	17.53	1 1-	4ACSR	0	0	229	109	2	0	0	0.00	12.92	0
COL11479	COL11478	17.67	0 1-	4ACSR	0	0	226	109	0	0	0	0.00	12.92	0
COL11461	COL11451	17.16	0 1-	4ACSR	0	0	236	111	0	0	0	0.00	12.89	0
COL13462	COL13461	16.09	4 1-	4ACSR	0	0	261	117	16	2	2	0.01	12.75	0
COL13465	COL13462	16.22	4 1-	4ACSR	0	0	258	116	16	2	2	0.01	12.76	0
COL1476995629	COL13465	16.38	2 1-	2ACSR	0	0	255	115	11	1	1	0.00	12.77	0
CO-152092475	COL1476995629	16.44	1 1-	2ACSR	0	0	254	115	0	0	0	0.00	12.77	0
COL13466	COL13465	16.25	1 1-	4ACSR	0	0	257	116	5	0	0	0.00	12.76	0
COL13464	COL13466	16.32	0 1-	4ACSR	0	0	256	115	0	0	0	0.00	12.76	0
COL13463	COL13464	16.39	0 1-	4ACSR	0	0	254	115	0	0	0	0.00	12.76	0
COL13456	OC-860320609	15.72	4 1-	4ACSR	0	0	271	119	25	3	3	0.01	12.65	0
COL13457	COL13456	15.79	2 1-	4ACSR	0	0	269	118	6	0	1	0.00	12.65	0
COL13373	COL13455	15.29	1 1-	4ACSR	0	0	284	121	8	1	1	0.00	12.43	0
COL13520	COL13356	14.83	5 1-	6ACWC	0	0	298	124	23	3	2	0.00	12.19	0
OC384	COL13520	14.83	5 1-	10 H OCR	0	0	298	124	23	3	34	0.00	12.19	0
COL13521	OC384	14.99	5 1-	6ACWC	0	0	293	123	23	3	2	0.02	12.21	0
COL13357	COL13521	15.24	5 1-	6ACWC	0	0	285	121	23	3	2	0.04	12.25	0
COL13467	COL13357	15.38	4 1-	4ACSR	0	0	281	120	14	2	2	0.01	12.26	0
COL13468	COL13467	15.48	4 1-	4ACSR	0	0	278	120	14	2	2	0.01	12.27	0
COL13469	COL13468	15.60	4 1-	4ACSR	0	0	274	119	14	2	2	0.01	12.28	0
COL13362	COL13469	15.86	1 1-	4ACSR	0	0	267	118	10	1	1	0.02	12.30	0
COL13381	COL13362	16.14	1 1-	4ACSR	0	0	260	116	10	1	1	0.01	12.31	0
COL13380	COL13362	15.97	0 1-	4ACSR	0	0	264	117	0	0	0	0.00	12.30	0
COL13470	COL13469	15.74	3 1-	4ACSR	0	0	271	118	4	0	0	0.00	12.29	0
COL13471	COL13470	15.80	3 1-	4ACSR	0	0	269	118	4	0	0	0.00	12.29	0
COL13475	COL13471	16.04	3 1-	4ACSR	0	0	263	117	4	0	0	0.01	12.29	0
COL13472	COL13475	16.13	3 1-	2ACSR	0	0	261	116	4	0	0	0.00	12.30	0
COL13473	COL13472	16.16	2 1-	2ACSR	0	0	260	116	4	0	0	0.00	12.30	0
COL13474	COL13473	16.24	1 1-	2ACSR	0	0	258	116	4	0	0	0.00	12.30	0
COL13476	COL13475	16.44	0 1-	4ACSR	0	0	253	115	0	0	0	0.00	12.29	0
COL13529	COL13357	15.64	1 1-	6ACWC	0	0	274	119	8	1	1	0.02	12.27	0
COL13369	COL13529	15.91	1 1-	4ACSR	0	0	266	118	8	1	1	0.02	12.28	0
COL13392	COL13369	16.01	0 1-	4ACSR	0	0	263	117	0	0	0	0.00	12.28	0
COL13391	COL13369	15.94	1 1-	4ACSR	0	0	265	117	8	1	1	0.00	12.29	0
COL13368	COL13529	15.95	0 1-	6ACWC	0	0	265	117	0	0	0	0.00	12.27	0
SW389-B	COL13368	15.95	0 1-	Open	0	0	265	117	0	0	0	0.00	12.27	0
COL13372	COL13521	15.23	0 1-	4ACSR	0	0	285	121	0	0	0	0.00	12.21	0
COL13371	COL13356	14.92	0 1-	4ACSR	0	0	295	123	0	0	0	0.00	12.19	0
COL13367	COL13515	12.98	0 1-	4ACSR	0	0	367	135	0	0	0	0.00	10.27	0
COL13428	CO-251038377	12.32	2 1-	2ACSR	0	0	397	138	8	1	1	0.00	9.93	0
OC-1697222439	COL13428	12.32	2 1-	20 N FUSE	0	0	397	138	8	1	6	0.00	9.93	0
COL13429	OC-1697222439	12.39	2 1-	2ACSR	0	0	394	138	8	1	1	0.00	9.93	0
COL13400	CO-1497565019	12.20	1 1-	2ACSR	0	0	403	139	4	0	0	0.00	9.85	0
OC-553025562	COL13400	12.20	0 1-	20 N FUSE	0	0	403	139	0	0	0	0.00	9.85	0
COL13512	COL13423	12.12	6 1-	4ACSR	0	0	407	140	34	4	4	0.01	9.80	0
COL13401	COL13512	12.16	2 1-	2ACSR	0	0	404	139	8	1	1	0.00	9.80	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL13513	COL13512	12.26	3 1-	4ACSR	0	0	398	138	22	3	2	0.02	9.82	0
OC-927734314	COL13513	12.26	3 1-	20 N FUSE	0	0	398	138	22	3	16	0.00	9.82	0
COL13509	OC-927734314	12.31	2 1-	4ACSR	0	0	396	138	15	2	2	0.00	9.83	0
COL13511	COL13509	12.40	2 1-	4ACSR	0	0	391	137	15	2	2	0.01	9.84	0
COL13510	COL13511	12.41	2 1-	4ACSR	0	0	390	137	15	2	2	0.00	9.84	0
COL13508	OC-927734314	12.30	1 1-	4ACSR	0	0	396	138	6	0	1	0.00	9.82	0
COL13507	COL13508	12.34	0 1-	4ACSR	0	0	394	138	0	0	0	0.00	9.82	0
COL12101	CO-1304761795	11.34	0 3-	2ACSR	546	517	446	144	0	0	0	0.00	9.15	0
CO-223442987	CO-1304761795	11.47	60 3-	2ACSR	538	510	439	143	252	12	7	0.04	9.19	19
CO2024595143	CO-223442987	11.69	60 3-	2ACSR	525	498	427	142	252	12	7	0.07	9.26	30
CO-751844449	CO2024595143	11.74	59 3-	2ACSR	522	495	424	141	249	12	7	0.02	9.27	7
CO-915037168	CO-751844449	12.16	59 3-	2ACSR	500	475	404	139	249	12	7	0.13	9.40	55
CO-796786834	CO-915037168	12.27	51 3-	2ACSR	494	469	399	139	225	10	6	0.03	9.43	12
COL11469	CO-796786834	12.39	0 1-	4ACSR	0	0	393	138	0	0	0	0.00	9.43	0
CO-1785010635	CO-796786834	12.33	51 3-	2ACSR	491	466	396	138	225	10	6	0.02	9.45	7
CO2026537600	CO-1785010635	12.91	51 3-	2ACSR	463	441	372	135	225	10	6	0.16	9.61	62
CO224431763	CO2026537600	13.19	43 3-	2ACSR	451	430	361	134	201	9	5	0.07	9.68	24
CO-1653614511	CO224431763	13.35	43 3-	2ACSR	444	423	356	133	201	9	5	0.04	9.72	14
CO-1538473017	CO-1653614511	13.54	43 3-	2ACSR	436	416	349	132	201	9	5	0.05	9.77	16
COL1360316319	CO-1538473017	13.72	43 3-	2ACSR	429	409	342	131	201	9	5	0.05	9.82	16
COL11467	COL1360316319	13.82	0 1-	4ACSR	0	0	338	131	0	0	0	0.00	9.82	0
COL11550	COL1360316319	13.73	43 2-	6ACWC	0	409	342	131	201	14	10	0.00	9.82	0
OC318	COL11550	13.73	43 2-	15 H OCR	0	409	342	131	201	14	97	0.00	9.82	0
COL11551	OC318	13.99	43 2-	6ACWC	0	397	332	130	201	14	10	0.16	9.98	55
COL11527	COL11551	14.02	43 2-	6ACWC	0	396	330	129	200	14	10	0.02	10.00	7
COL11530	COL11527	14.15	42 2-	6ACWC	0	390	325	129	198	14	10	0.08	10.08	28
COL11528	COL11530	14.28	42 2-	6ACWC	0	384	320	128	198	14	10	0.08	10.15	27
COL11529	COL11528	14.52	42 2-	6ACWC	0	375	312	126	197	14	10	0.14	10.29	49
COL11455	COL11529	14.63	4 2-	6ACWC	0	370	308	126	16	1	1	0.01	10.30	0
COL11492	COL11455	14.69	3 2-	6ACWC	0	368	306	125	11	0	1	0.00	10.30	0
COL11493	COL11492	14.82	3 2-	6ACWC	0	362	301	124	11	0	1	0.00	10.31	0
COL11454	COL11493	15.28	3 2-	6ACWC	0	346	287	122	11	0	1	0.01	10.32	0
COL11466	COL11454	15.42	0 1-	4ACSR	0	0	282	121	0	0	0	0.00	10.32	0
COL11543	COL11454	15.40	3 2-	6ACWC	0	342	283	121	11	0	1	0.00	10.32	0
COL11542	COL11543	15.42	3 2-	6ACWC	0	341	282	121	11	0	1	0.00	10.33	0
COL11494	COL11542	15.53	3 2-	6ACWC	0	337	279	120	11	0	1	0.00	10.33	0
COL11483	COL11494	15.66	0 1-	4ACSR	0	0	275	120	0	0	0	0.00	10.33	0
COL11484	COL11483	15.70	0 1-	4ACSR	0	0	274	119	0	0	0	0.00	10.33	0
COL11465	COL11494	15.60	1 1-	4ACSR	0	0	277	120	2	0	0	0.00	10.33	0
COL11516	COL11494	15.64	2 1-	4ACSR	0	0	276	120	9	1	1	0.00	10.33	0
COL11517	COL11516	15.74	1 1-	4ACSR	0	0	273	119	0	0	0	0.00	10.33	0
COL11519	COL11493	15.06	0 1-	4ACSR	0	0	293	123	0	0	0	0.00	10.31	0
COL11518	COL11519	15.11	0 1-	4ACSR	0	0	292	123	0	0	0	0.00	10.31	0
COL11453	COL11455	15.22	1 1-	4ACSR	0	0	288	122	5	0	0	0.01	10.31	0
COL11452	COL11529	14.65	38 1-	6ACWC	0	0	307	125	182	26	19	0.15	10.45	47
COL11515	COL11452	14.77	4 1-	4ACSR	0	0	303	125	14	2	1	0.01	10.46	0
COL11514	COL11515	14.91	3 1-	4ACSR	0	0	298	124	8	1	1	0.00	10.46	0
COL11464	COL11515	14.80	1 1-	4ACSR	0	0	302	125	6	0	1	0.00	10.46	0
COL11481	COL11452	14.73	33 1-	6ACWC	0	0	304	125	155	22	16	0.08	10.53	21
COL11482	COL11481	14.85	31 1-	6ACWC	0	0	300	124	141	20	15	0.11	10.64	27
COL17122	COL11482	14.98	30 1-	6ACWC	0	0	296	123	138	20	14	0.11	10.75	27
COL11351	COL17122	15.06	2 1-	4ACSR	0	0	293	123	9	1	1	0.00	10.75	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL11350	COL11351	15.10	1 1-	4ACSR	0	0	292	123	5	0	1	0.00	10.75	0
COL11326	COL17122	15.00	28 1-	6ACWC	0	0	295	123	129	18	14	0.02	10.77	4
COL11327	COL11326	15.02	27 1-	6ACWC	0	0	295	123	122	17	13	0.02	10.78	3
COL11323	COL11327	15.08	26 1-	6ACWC	0	0	293	123	115	16	12	0.05	10.83	9
COL11180	COL11323	15.21	24 1-	6ACWC	0	0	289	122	109	15	11	0.08	10.91	16
COL11238	COL11180	15.25	5 1-	4ACSR	0	0	287	122	16	2	2	0.00	10.92	0
COL11202	COL11180	15.28	18 1-	6ACWC	0	0	287	122	85	12	9	0.04	10.95	6
COL11236	COL11202	15.34	2 1-	4ACSR	0	0	285	121	13	1	1	0.00	10.96	0
COL11328	COL11202	15.45	16 1-	6ACWC	0	0	281	121	72	10	8	0.08	11.03	10
COL11329	COL11328	15.69	15 1-	6ACWC	0	0	275	119	70	10	7	0.10	11.14	12
COL11216	COL11329	15.74	2 1-	4ACSR	0	0	273	119	8	1	1	0.00	11.14	0
COL11201	COL11329	15.74	12 1-	4ACSR	0	0	273	119	57	8	6	0.02	11.16	0
COL11361	COL11201	16.07	11 1-	6ACWC	0	0	264	117	48	7	5	0.10	11.26	9
COL11167	COL11361	16.19	5 1-	4ACSR	0	0	261	117	16	2	2	0.01	11.27	0
COL11332	COL11167	16.30	1 1-	4ACSR	0	0	258	116	0	0	0	0.00	11.27	0
COL11333	COL11332	16.36	1 1-	4ACSR	0	0	257	116	0	0	0	0.00	11.27	0
COL11364	COL11333	16.58	0 1-	4ACSR	0	0	251	115	0	0	0	0.00	11.27	0
COL11363	COL11333	16.50	1 1-	4ACSR	0	0	253	115	0	0	0	0.00	11.27	0
COL11331	COL11363	16.55	1 1-	4ACSR	0	0	252	115	0	0	0	0.00	11.27	0
COL11330	COL11331	16.62	1 1-	4ACSR	0	0	250	114	0	0	0	0.00	11.27	0
COL11334	COL11167	16.22	4 1-	4ACSR	0	0	260	117	16	2	2	0.00	11.28	0
COL11335	COL11334	16.32	3 1-	4ACSR	0	0	258	116	15	2	2	0.00	11.28	0
COL11336	COL11361	16.16	6 1-	6ACWC	0	0	262	117	32	4	3	0.02	11.28	0
COL11235	COL11336	16.29	1 1-	2ACSR	0	0	259	116	7	1	1	0.00	11.28	0
COL11337	COL11336	16.21	5 1-	6ACWC	0	0	261	117	25	3	3	0.01	11.29	0
COL11338	COL11337	16.31	2 1-	4ACSR	0	0	258	116	10	1	1	0.01	11.30	0
COL11339	COL11338	16.36	1 1-	4ACSR	0	0	257	116	10	1	1	0.00	11.30	0
COL11166	COL11337	16.33	3 1-	6ACWC	0	0	258	116	14	2	2	0.01	11.30	0
COL11204	COL11166	16.40	2 1-	4ACSR	0	0	256	116	10	1	1	0.00	11.30	0
COL11203	COL11166	16.41	1 1-	4ACSR	0	0	256	116	4	0	0	0.00	11.30	0
COL11231	COL11201	15.79	1 1-	4ACSR	0	0	272	119	10	1	1	0.00	11.16	0
COL11237	COL11323	15.20	2 1-	4ACSR	0	0	289	122	6	0	1	0.00	10.83	0
COL11325	COL11326	15.05	1 1-	4ACSR	0	0	294	123	8	1	1	0.00	10.77	0
COL11324	COL11326	15.06	0 1-	4ACSR	0	0	293	123	0	0	0	0.00	10.77	0
COL11552	COL1360316319	13.73	0 1-	4ACSR	0	0	342	131	0	0	0	0.00	9.82	0
COL11468	CO-1653614511	13.63	0 1-	4ACSR	0	0	343	131	0	0	0	0.00	9.72	0
COL11456	CO2026537600	13.11	8 1-	2ACSR	0	0	364	134	23	3	2	0.02	9.63	0
OC319195630	COL11456	13.11	8 1-	20 N FUSE	0	0	364	134	23	3	17	0.00	9.63	0
CO688638615	OC319195630	13.19	1 1-	2ACSR	0	0	361	134	0	0	0	0.00	9.63	0
COL11522	OC319195630	13.21	5 1-	4ACSR	0	0	360	134	20	2	2	0.01	9.65	0
COL11520	COL11522	13.35	3 1-	4ACSR	0	0	353	133	15	2	2	0.01	9.66	0
COL11472	COL11520	13.38	2 1-	4ACSR	0	0	352	132	11	1	1	0.00	9.66	0
COL11521	COL11520	13.40	1 1-	4ACSR	0	0	351	132	3	0	0	0.00	9.66	0
COL11541	OC319195630	13.16	2 1-	4ACSR	0	0	362	134	3	0	0	0.00	9.63	0
COL11540	COL11541	13.18	2 1-	4ACSR	0	0	361	134	3	0	0	0.00	9.63	0
COL11491	COL11540	13.20	0 1-	4ACSR	0	0	360	134	0	0	0	0.00	9.63	0
COL11470	CO-915037168	12.39	0 1-	4ACSR	0	0	391	137	0	0	0	0.00	9.40	0
COL11548	CO-915037168	12.16	8 1-	4ACSR	0	0	404	139	24	3	2	0.00	9.40	0
OC319	COL11548	12.16	8 1-	15 H OCR	0	0	404	139	24	3	23	0.00	9.40	0
COL11549	OC319	12.57	8 1-	4ACSR	0	0	381	136	24	3	2	0.06	9.47	3
OC-1104864701	COL11549	12.57	8 1-	20 N FUSE	0	0	381	136	24	3	17	0.00	9.47	0
COL17040	OC-1104864701	12.84	6 1-	4ACSR	0	0	368	134	14	2	1	0.02	9.49	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL7041	COL7040	12.95	1 1-	4ACSR	0	0	363	134	0	0	0	0.00	9.49	0
COL10559	COL7040	12.96	0 1-	4ACSR	0	0	362	133	0	0	0	0.00	9.49	0
COL10537	COL7040	12.88	5 1-	4ACSR	0	0	366	134	14	2	1	0.00	9.50	0
COL10581	COL10537	12.98	3 1-	4ACSR	0	0	361	133	10	1	1	0.01	9.50	0
COL10582	COL10581	13.01	3 1-	4ACSR	0	0	360	133	10	1	1	0.00	9.50	0
COL10658	COL10582	13.20	2 1-	4ACSR	0	0	351	132	2	0	0	0.00	9.51	0
COL10659	COL10658	13.29	2 1-	4ACSR	0	0	347	131	2	0	0	0.00	9.51	0
COL10630	COL10659	13.36	1 1-	4ACSR	0	0	344	131	0	0	0	0.00	9.51	0
COL10561	COL10582	13.07	1 1-	4ACSR	0	0	357	133	8	1	1	0.00	9.51	0
COL10560	COL10537	12.96	2 1-	4ACSR	0	0	362	133	4	0	0	0.00	9.50	0
COL11459	OC-1104864701	12.62	2 1-	4ACSR	0	0	379	136	10	1	1	0.00	9.47	0
COL11526	COL11459	12.75	1 1-	4ACSR	0	0	373	135	10	1	1	0.01	9.48	0
COL11474	COL11526	12.80	1 1-	2ACSR	0	0	370	135	10	1	1	0.00	9.48	0
COL11525	COL11526	12.76	0 1-	4ACSR	0	0	372	135	0	0	0	0.00	9.48	0
COL11499	COL11459	12.69	1 1-	4ACSR	0	0	376	135	0	0	0	0.00	9.47	0
COL11500	COL11499	13.02	1 1-	4ACSR	0	0	359	133	0	0	0	0.00	9.47	0
COL11458	COL11500	13.04	1 1-	4ACSR	0	0	358	133	0	0	0	0.00	9.47	0
COL11489	COL11458	13.07	1 1-	4ACSR	0	0	357	133	0	0	0	0.00	9.47	0
COL11490	COL11489	13.21	1 1-	4ACSR	0	0	351	132	0	0	0	0.00	9.47	0
COL11532	COL11490	13.22	1 1-	4ACSR	0	0	350	132	0	0	0	0.00	9.47	0
COL11531	COL11532	13.29	1 1-	4ACSR	0	0	347	131	0	0	0	0.00	9.47	0
COL11523	COL11500	13.14	0 1-	4ACSR	0	0	354	132	0	0	0	0.00	9.47	0
COL11524	COL11523	13.23	0 1-	4ACSR	0	0	349	132	0	0	0	0.00	9.47	0
COL11463	CO2024595143	11.78	1 1-	4ACSR	0	0	421	141	3	0	0	0.00	9.26	0
COL12025	CO-2048359733	11.05	5 1-	4ACSR	0	0	457	144	13	1	1	0.03	8.31	0
COL12026	COL12025	11.19	3 1-	4ACSR	0	0	447	143	9	1	1	0.01	8.31	0
COL11974	COL12026	11.24	2 1-	4ACSR	0	0	443	143	8	1	1	0.00	8.32	0
COL11973	COL12026	11.23	1 1-	4ACSR	0	0	444	143	1	0	0	0.00	8.31	0
COL11968	CO-2079112698	8.97	1 1-	4ACSR	0	0	625	158	0	0	0	0.00	5.99	0
COL12061+	COL12055	7.99	1 1-	4ACSR	0	0	789	277	3	0	0	0.00	3.05	0
OC983143865+	COL12061	7.99	1 1-	20 N FUSE	0	0	789	277	3	0	1	0.00	3.05	0
COL12062+	OC983143865	8.10	1 1-	4ACSR	0	0	777	276	3	0	0	0.00	3.05	0
COL12060+	COL12062	8.20	1 1-	4ACSR	0	0	767	274	3	0	0	0.00	3.05	0
COL12059+	COL12060	8.34	1 1-	4ACSR	0	0	752	272	3	0	0	0.00	3.05	0
COL12058+	COL12059	8.47	1 1-	4ACSR	0	0	739	270	3	0	0	0.00	3.05	0
COL12057+	COL12058	8.51	1 1-	4ACSR	0	0	736	270	3	0	0	0.00	3.05	0
COL12056+	COL12057	8.58	1 1-	4ACSR	0	0	729	269	3	0	0	0.00	3.05	0
COL11989+	COL12053	7.47	1 1-	4ACSR	0	0	839	283	18	1	1	0.00	2.93	0
OC-1119288583+	COL11989	7.47	0 1-	20 N FUSE	0	0	839	283	0	0	0	0.00	2.93	0
COL12110+	COL12105	7.25	0 1-	4ACSR	0	0	858	285	0	0	0	0.00	2.87	0
OC2037110632+	COL12110	7.25	0 1-	20 N FUSE	0	0	858	285	0	0	0	0.00	2.87	0
COL12111+	OC2037110632	7.31	0 1-	4ACSR	0	0	851	284	0	0	0	0.00	2.87	0
COL12108+	COL12105	7.24	0 1-	4ACSR	0	0	859	285	0	0	0	0.00	2.87	0
OC1702957445+	COL12108	7.24	0 1-	20 N FUSE	0	0	859	285	0	0	0	0.00	2.87	0
COL12109+	OC1702957445	7.26	0 1-	4ACSR	0	0	857	285	0	0	0	0.00	2.87	0
COL11961+	COL11960	6.81	9 1-	6ACWC	0	0	892	288	25	1	1	0.01	2.70	0
OC-1936078038+	COL11961	6.81	9 1-	20 N FUSE	0	0	892	288	25	1	9	0.00	2.70	0
COL11985+	OC-1936078038	6.93	2 1-	6ACWC	0	0	876	286	13	0	1	0.00	2.70	0
COL12044+	OC-1936078038	6.91	7 1-	6ACWC	0	0	879	286	12	0	1	0.00	2.71	0
COL12045+	COL12044	7.05	7 1-	6ACWC	0	0	861	284	12	0	1	0.00	2.71	0
COL11962+	COL12045	7.35	6 1-	6ACWC	0	0	823	280	7	0	0	0.00	2.71	0
COL17039+	COL11962	7.42	3 1-	6ACWC	0	0	815	278	3	0	0	0.00	2.71	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC1246202222+	CO17039	7.42	2 1-	20 N FUSE	0	0	815	278	1	0	0	0.00	2.71	0
CO10653+	OC1246202222	7.47	2 1-	6ACWC	0	0	810	278	1	0	0	0.00	2.71	0
CO10628+	CO10653	7.75	2 1-	6ACWC	0	0	778	274	1	0	0	0.00	2.71	0
CO10629+	CO10628	7.89	1 1-	6ACWC	0	0	763	272	0	0	0	0.00	2.71	0
CO12046+	CO11962	7.61	3 1-	6ACWC	0	0	793	276	4	0	0	0.00	2.71	0
CO17038+	CO12046	7.82	3 1-	6ACWC	0	0	770	273	4	0	0	0.00	2.71	0
CO10591+	CO17038	7.90	2 1-	6ACWC	0	0	762	271	3	0	0	0.00	2.71	0
CO11986+	CO12045	7.10	0 1-	6ACWC	0	0	855	283	0	0	0	0.00	2.71	0
CO11984+	CO11959	6.62	1 1-	4ACSR	0	0	916	290	7	0	0	0.00	2.68	0
OC-1443478761+	CO11984	6.62	0 1-	20 N FUSE	0	0	916	290	0	0	0	0.00	2.68	0
CO11957+	CO11997	6.82	6 1-	6ACWC	0	0	885	287	16	1	1	0.01	2.66	0
OC1008387801+	CO11957	6.82	6 1-	25 L OCR	0	0	885	287	16	1	4	0.00	2.66	0
CO12042+	OC1008387801	6.86	5 1-	6ACWC	0	0	880	286	7	0	0	0.00	2.66	0
CO12043+	CO12042	6.94	4 1-	6ACWC	0	0	869	285	1	0	0	0.00	2.66	0
CO11998+	CO12043	7.41	4 1-	6ACWC	0	0	811	278	1	0	0	0.00	2.66	0
CO11982+	CO11998	7.67	0 1-	6ACWC	0	0	781	274	0	0	0	0.00	2.66	0
CO11958+	CO11998	8.04	3 1-	6ACWC	0	0	743	269	1	0	0	0.00	2.67	0
CO17060+	CO11958	8.11	1 1-	6ACWC	0	0	736	268	1	0	0	0.00	2.67	0
CO12088+	CO11958	8.07	2 1-	6ACWC	0	0	740	268	0	0	0	0.00	2.67	0
CO17061+	CO12088	8.28	1 1-	6ACWC	0	0	720	265	0	0	0	0.00	2.67	0
CO11981+	OC1008387801	6.88	1 1-	4ACSR	0	0	877	286	8	0	0	0.00	2.66	0
CO11983+	CO11997	6.56	3 1-	4ACSR	0	0	921	291	24	1	1	0.00	2.66	0
OC-448812895+	CO11983	6.56	0 1-	20 N FUSE	0	0	921	291	0	0	0	0.00	2.66	0
CO385859353+	CO11996	6.48	1 1-	2ACSR	0	0	931	292	10	0	0	0.00	2.62	0
CO11980+	CO11956	6.47	2 1-	4ACSR	0	0	923	290	3	0	0	0.00	2.58	0
CO11979+	CO17128	6.03	0 1-	4ACSR	0	0	978	295	0	0	0	0.00	2.49	0
CO11812+	CO11923	5.97	51 1-	6ACWC	0	0	975	294	235	16	11	0.08	2.50	30
CO17133+	CO11812	6.17	3 1-	4ACSR	0	0	944	291	17	1	1	0.01	2.50	0
OC1267199240+	CO17133	6.17	3 1-	20 N FUSE	0	0	944	291	17	1	6	0.00	2.50	0
CO12074+	OC1267199240	6.26	3 1-	4ACSR	0	0	931	290	17	1	1	0.00	2.51	0
CO11995+	CO12074	6.33	3 1-	2ACSR	0	0	921	289	17	1	1	0.00	2.51	0
CO1774360648+	CO11995	6.37	1 1-	1/0PRIURD	0	0	918	540	0	0	0	0.00	2.51	0
CO-1288678395+	CO11995	6.36	1 1-	1/0PRIURD	0	0	919	540	10	0	0	0.00	2.51	0
CO12075+	CO12074	6.39	0 1-	4ACSR	0	0	911	288	0	0	0	0.00	2.51	0
CO11938+	CO11812	5.98	47 1-	4ACSR	0	0	974	294	213	14	10	0.00	2.50	0
OC332+	CO11938	5.98	47 1-	35 H OCR	0	0	974	294	213	14	42	0.00	2.50	0
CO11939+	OC332	6.07	47 1-	4ACSR	0	0	959	293	213	14	10	0.03	2.53	10
CO11924+	CO11939	6.15	45 1-	4ACSR	0	0	947	292	210	14	10	0.03	2.56	9
CO11925+	CO11924	6.21	45 1-	4ACSR	0	0	938	291	210	14	10	0.02	2.58	7
CO11854+	CO11925	6.27	2 1-	4ACSR	0	0	929	290	3	0	0	0.00	2.58	0
CO11813+	CO11925	6.28	42 1-	4ACSR	0	0	927	289	204	13	10	0.02	2.60	7
CO11814+	CO11813	6.35	41 1-	4ACSR	0	0	916	288	195	13	10	0.02	2.62	7
CO11928+	CO11814	6.49	41 1-	6ACWC	0	0	896	286	195	13	10	0.04	2.66	13
CO11929+	CO11928	6.65	41 1-	6ACWC	0	0	875	284	195	13	10	0.05	2.71	15
CO11930+	CO11929	6.83	40 1-	6ACWC	0	0	851	281	195	13	10	0.05	2.76	17
CO11828+	CO11930	7.04	0 1-	4ACSR	0	0	825	278	0	0	0	0.00	2.76	0
CO11932+	CO11930	6.90	2 1-	4ACSR	0	0	842	280	11	0	1	0.00	2.76	0
CO11934+	CO11932	6.91	2 1-	4ACSR	0	0	840	280	11	0	1	0.00	2.76	0
CO11935+	CO11934	6.94	1 1-	4ACSR	0	0	836	279	7	0	0	0.00	2.76	0
CO11936+	CO11935	6.99	1 1-	4ACSR	0	0	831	278	7	0	0	0.00	2.76	0
CO11937+	CO11936	7.02	0 1-	4ACSR	0	0	827	278	0	0	0	0.00	2.76	0
CO11933+	CO11937	7.09	0 1-	4ACSR	0	0	819	277	0	0	0	0.00	2.76	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11931+	CO11930	6.84	38 1-	6ACWC	0	0	849	281	184	12	9	0.00	2.76	0
CO17029+	CO11931	7.11	37 1-	6ACWC	0	0	816	277	182	12	9	0.07	2.84	22
OC1495990264+	CO17029	7.11	37 1-	20 N FUSE	0	0	816	277	181	12	62	0.00	2.84	0
CO10330+	OC1495990264	7.15	1 1-	4ACSR	0	0	811	276	1	0	0	0.00	2.84	0
CO10329+	OC1495990264	7.30	1 1-	4ACSR	0	0	794	274	6	0	0	0.00	2.84	0
CO10443+	OC1495990264	7.15	35 1-	6ACWC	0	0	812	276	174	11	9	0.01	2.85	2
CO10444+	CO10443	7.60	33 1-	6ACWC	0	0	761	270	162	11	8	0.11	2.96	30
CO10506+	CO10444	7.65	24 1-	6ACWC	0	0	757	269	109	7	5	0.01	2.97	0
CO10362+	CO10506	7.73	1 1-	4ACSR	0	0	748	268	8	0	0	0.00	2.97	0
CO10507+	CO10506	7.77	23 1-	6ACWC	0	0	744	267	101	6	5	0.02	2.99	3
CO10441+	CO10507	7.80	20 1-	6ACWC	0	0	741	267	92	6	5	0.00	2.99	0
CO10442+	CO10441	7.93	17 1-	6ACWC	0	0	728	265	76	5	4	0.02	3.01	0
CO10332+	CO10442	7.99	1 1-	4ACSR	0	0	722	264	0	0	0	0.00	3.01	0
CO10312+	CO10442	7.97	15 1-	6ACWC	0	0	724	265	73	5	4	0.00	3.01	0
CO10333+	CO10312	8.03	1 1-	4ACSR	0	0	719	264	13	0	1	0.00	3.01	0
CO10313+	CO10312	8.04	14 1-	6ACWC	0	0	717	264	60	4	3	0.01	3.02	0
CO10449+	CO10313	8.29	5 1-	4ACSR	0	0	695	260	26	1	1	0.01	3.03	0
OC-684441453+	CO10449	8.29	3 1-	20 N FUSE	0	0	695	260	22	1	7	0.00	3.03	0
CO-1214204686+	OC-684441453	8.33	0 1-	2ACSR	0	0	692	260	0	0	0	0.00	3.03	0
CO10450+	OC-684441453	8.45	3 1-	4ACSR	0	0	681	258	22	1	1	0.01	3.03	0
CO10334+	CO10450	8.61	1 1-	4ACSR	0	0	667	256	12	0	1	0.00	3.03	0
CO10453+	CO10450	8.62	2 1-	4ACSR	0	0	666	256	9	0	0	0.00	3.03	0
CO10454+	CO10453	8.77	1 1-	4ACSR	0	0	654	254	6	0	0	0.00	3.03	0
CO17031+	CO10454	9.00	1 1-	4ACSR	0	0	635	251	6	0	0	0.00	3.04	0
CO11830+	CO17031	9.22	0 1-	4ACSR	0	0	620	249	0	0	0	0.00	3.04	0
CO11829+	CO17031	9.06	1 1-	4ACSR	0	0	631	251	6	0	0	0.00	3.04	0
CO10314+	CO10313	8.21	9 1-	6ACWC	0	0	702	261	34	2	2	0.01	3.02	0
CO10327+	CO10314	8.44	2 1-	6ACWC	0	0	682	258	12	0	1	0.00	3.03	0
OC860588340+	CO10327	8.44	2 1-	20 N FUSE	0	0	682	258	12	0	4	0.00	3.03	0
CO10356+	OC860588340	8.50	1 1-	750 MCM - 42 Wi	0	0	680	258	11	0	0	0.00	3.03	0
CO10400+	OC860588340	8.45	1 1-	6ACWC	0	0	680	258	2	0	0	0.00	3.03	0
CO10401+	CO10400	8.53	0 1-	6ACWC	0	0	674	257	0	0	0	0.00	3.03	0
CO10402+	CO10401	8.74	0 1-	6ACWC	0	0	657	255	0	0	0	0.00	3.03	0
CO10403+	CO10402	8.90	0 1-	6ACWC	0	0	644	253	0	0	0	0.00	3.03	0
CO10416+	CO10314	8.27	2 1-	4ACSR	0	0	696	261	6	0	0	0.00	3.03	0
CO10417+	CO10416	8.34	1 1-	4ACSR	0	0	690	260	5	0	0	0.00	3.03	0
CO10447+	CO10314	8.35	5 1-	6ACWC	0	0	689	260	16	1	1	0.00	3.03	0
CO10448+	CO10447	8.58	4 1-	6ACWC	0	0	669	257	16	1	1	0.01	3.03	0
CO10436+	CO10448	8.63	4 1-	6ACWC	0	0	666	256	16	1	1	0.00	3.04	0
CO10366+	CO10436	8.78	1 1-	4ACSR	0	0	654	254	0	0	0	0.00	3.04	0
CO10367+	CO10366	9.08	0 1-	4ACSR	0	0	630	250	0	0	0	0.00	3.04	0
CO10315+	CO10436	8.74	2 1-	4ACSR	0	0	657	255	12	0	1	0.00	3.04	0
CO10336+	CO10315	8.77	1 1-	4ACSR	0	0	654	254	1	0	0	0.00	3.04	0
CO10335+	CO10315	8.77	1 1-	4ACSR	0	0	654	254	11	0	1	0.00	3.04	0
CO10414+	CO10507	7.82	1 1-	4ACSR	0	0	738	267	9	0	0	0.00	2.99	0
CO10415+	CO10414	7.85	1 1-	4ACSR	0	0	735	266	9	0	0	0.00	2.99	0
CO10490+	CO10507	7.79	2 1-	4ACSR	0	0	742	267	1	0	0	0.00	2.99	0
CO10491+	CO10490	7.84	1 1-	4ACSR	0	0	737	266	1	0	0	0.00	2.99	0
CO10431+	CO10444	7.80	6 1-	4ACSR	0	0	741	267	44	3	2	0.01	2.97	0
CO10432+	CO10431	7.87	6 1-	4ACSR	0	0	734	266	44	3	2	0.00	2.98	0
CO10311+	CO10432	8.00	4 1-	4ACSR	0	0	721	264	29	1	1	0.01	2.98	0
CO10433+	CO10311	8.12	1 1-	4ACSR	0	0	709	262	5	0	0	0.00	2.98	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10434+	CO10433	8.21	0 1-	4ACSR	0	0	701	261	0	0	0	0.00	2.98	0
CO10435+	CO10434	8.30	0 1-	4ACSR	0	0	693	260	0	0	0	0.00	2.98	0
CO10413+	CO10311	8.01	3 1-	4ACSR	0	0	720	264	24	1	1	0.00	2.98	0
CO10514+	CO10413	8.06	3 1-	4ACSR	0	0	716	263	24	1	1	0.00	2.99	0
CO10515+	CO10514	8.09	1 1-	4ACSR	0	0	712	263	7	0	0	0.00	2.99	0
CO10360+	CO10514	8.09	1 1-	2ACSR	0	0	713	263	6	0	0	0.00	2.99	0
CO10331+	CO10432	7.94	1 1-	4ACSR	0	0	727	265	7	0	0	0.00	2.98	0
CO10430+	CO10444	7.69	3 1-	4ACSR	0	0	752	268	9	0	0	0.00	2.96	0
OC-26786578+	CO10430	7.69	2 1-	20 N FUSE	0	0	752	268	8	0	3	0.00	2.96	0
CO10445+	OC-26786578	7.82	2 1-	4ACSR	0	0	738	267	8	0	0	0.00	2.96	0
CO10446+	CO10445	8.15	1 1-	4ACSR	0	0	707	262	3	0	0	0.00	2.96	0
CO17030+	CO10446	8.30	1 1-	4ACSR	0	0	693	260	3	0	0	0.00	2.96	0
CO11904+	CO17030	8.38	1 1-	4ACSR	0	0	686	259	3	0	0	0.00	2.97	0
CO11905+	CO11904	8.49	1 1-	4ACSR	0	0	677	258	3	0	0	0.00	2.97	0
CO11906+	CO11905	8.55	1 1-	4ACSR	0	0	671	257	3	0	0	0.00	2.97	0
CO11907+	CO11906	8.76	1 1-	4ACSR	0	0	654	254	3	0	0	0.00	2.97	0
CO11908+	CO11907	8.88	1 1-	4ACSR	0	0	645	253	3	0	0	0.00	2.97	0
CO11909+	CO11908	8.92	1 1-	4ACSR	0	0	642	252	3	0	0	0.00	2.97	0
CO11926+	CO11814	6.61	0 1-	4ACSR	0	0	880	284	0	0	0	0.00	2.62	0
CO11927+	CO11926	6.69	0 1-	4ACSR	0	0	869	283	0	0	0	0.00	2.62	0
CO11853+	CO11813	6.34	1 1-	4ACSR	0	0	919	288	8	0	0	0.00	2.60	0
CO11915+	CO11809	4.67	5 1-	6ACWC	0	0	1154	307	9	0	0	0.00	2.00	0
CO-446868245+	CO11915	4.73	5 1-	6ACWC	0	0	1141	306	9	0	0	0.00	2.00	0
CO1665880587+	CO-446868245	4.91	4 1-	6ACWC	0	0	1103	303	8	0	0	0.00	2.00	0
CO11824+	CO1665880587	4.97	1 1-	4ACSR	0	0	1091	302	5	0	0	0.00	2.00	0
CO11942+	CO1665880587	4.91	3 1-	6ACWC	0	0	1102	303	3	0	0	0.00	2.00	0
OC331+	CO11942	4.91	3 1-	35 H OCR	0	0	1102	303	3	0	1	0.00	2.00	0
CO11943+	OC331	4.92	3 1-	6ACWC	0	0	1100	303	3	0	0	0.00	2.00	0
CO11944+	CO11943	5.02	2 1-	6ACWC	0	0	1080	301	1	0	0	0.00	2.00	0
CO11918+	CO11944	5.20	1 1-	6ACWC	0	0	1046	298	0	0	0	0.00	2.00	0
CO11825+	CO11918	5.26	0 1-	4ACSR	0	0	1034	297	0	0	0	0.00	2.00	0
CO11810+	CO11918	5.60	1 1-	6ACWC	0	0	975	291	0	0	0	0.00	2.00	0
CO11826+	CO11810	5.84	1 1-	4ACSR	0	0	936	287	0	0	0	0.00	2.00	0
CO11919+	CO11810	6.05	0 1-	6ACWC	0	0	904	284	0	0	0	0.00	2.00	0
CO11920+	CO11919	6.44	0 1-	6ACWC	0	0	851	278	0	0	0	0.00	2.00	0
CO11811+	CO11920	6.94	0 1-	6ACWC	0	0	789	271	0	0	0	0.00	2.00	0
CO11827+	CO11920	6.53	0 1-	4ACSR	0	0	839	277	0	0	0	0.00	2.00	0
CO-1135043389+	CO-446868245	4.85	1 1-	6ACWC	0	0	1116	304	1	0	0	0.00	2.00	0
CO12311+	CO12211	3.99	19 1-	4ACSR	0	0	1276	314	77	5	4	0.00	1.76	0
OC340+	CO12311	3.99	19 1-	50 L OCR	0	0	1276	314	77	5	0	0.00	1.76	0
CO12310+	OC340	4.07	19 1-	4ACSR	0	0	1254	312	77	5	4	0.01	1.77	0
CO12230+	CO12310	4.12	18 1-	4ACSR	0	0	1242	312	75	5	4	0.01	1.77	0
CO12229+	CO12230	4.29	17 1-	4ACSR	0	0	1201	309	73	4	4	0.02	1.79	2
CO12139+	CO12229	4.40	17 1-	4ACSR	0	0	1172	306	73	4	4	0.01	1.80	0
CO12140+	CO12139	4.59	16 1-	4ACSR	0	0	1130	303	65	4	3	0.02	1.82	0
CO12142+	CO12140	4.69	14 1-	4ACSR	0	0	1109	301	60	4	3	0.01	1.83	0
CO12146+	CO12142	4.84	5 1-	4ACSR	0	0	1078	299	27	1	1	0.01	1.84	0
CO12221+	CO12146	4.89	4 1-	4ACSR	0	0	1068	298	18	1	1	0.00	1.84	0
CO12220+	CO12221	5.03	4 1-	4ACSR	0	0	1041	296	18	1	1	0.00	1.84	0
OC-1111041743+	CO12220	5.03	4 1-	20 N FUSE	0	0	1041	296	18	1	6	0.00	1.84	0
CO17139+	OC-1111041743	5.51	1 1-	4ACSR	0	0	955	288	0	0	0	0.00	1.84	0
CO11910+	CO17139	5.81	1 1-	4ACSR	0	0	909	283	0	0	0	0.00	1.84	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12147+	OC-1111041743	5.25	2 1-	4ACSR	0	0	1000	292	10	0	1	0.00	1.84	0
CO12148+	CO12147	5.27	1 1-	4ACSR	0	0	996	292	8	0	0	0.00	1.84	0
CO12179+	CO12148	5.32	0 1-	4ACSR	0	0	988	291	0	0	0	0.00	1.84	0
CO12150+	CO12148	5.33	1 1-	4ACSR	0	0	985	291	8	0	0	0.00	1.85	0
CO17140+	CO12150	5.45	0 1-	4ACSR	0	0	965	289	0	0	0	0.00	1.85	0
CO12411+	CO17140	5.90	0 1-	4ACSR	0	0	894	282	0	0	0	0.00	1.85	0
CO12280+	CO12150	5.41	1 1-	4ACSR	0	0	973	289	8	0	0	0.00	1.85	0
CO12279+	CO12280	5.46	1 1-	4ACSR	0	0	964	289	8	0	0	0.00	1.85	0
CO12178+	CO12147	5.31	1 1-	4ACSR	0	0	990	291	2	0	0	0.00	1.84	0
CO12177+	OC-1111041743	5.12	1 1-	4ACSR	0	0	1023	294	8	0	0	0.00	1.84	0
CO12277+	CO12146	4.96	1 1-	4ACSR	0	0	1054	297	9	0	0	0.00	1.84	0
CO12276+	CO12277	5.03	1 1-	4ACSR	0	0	1041	296	9	0	0	0.00	1.84	0
CO12149+	CO12142	4.84	7 1-	4ACSR	0	0	1078	299	26	1	1	0.01	1.84	0
CO12232+	CO12149	4.92	4 1-	4ACSR	0	0	1062	297	15	1	1	0.00	1.84	0
CO12231+	CO12232	5.12	3 1-	4ACSR	0	0	1023	294	8	0	0	0.00	1.84	0
CO-1369502799+	CO12231	5.40	0 1-	2ACSR	0	0	983	291	0	0	0	0.00	1.84	0
CO-55311756+	CO-1369502799	5.41	0 1-	2ACSR	0	0	981	291	0	0	0	0.00	1.84	0
CO12265+	CO12231	5.28	2 1-	4ACSR	0	0	994	291	8	0	0	0.00	1.84	0
CO12267+	CO12265	5.32	1 1-	4ACSR	0	0	988	291	7	0	0	0.00	1.84	0
CO12266+	CO12267	5.36	1 1-	4ACSR	0	0	981	290	7	0	0	0.00	1.84	0
CO12181+	CO12149	4.88	3 1-	4ACSR	0	0	1071	298	11	0	1	0.00	1.84	0
CO12172+	CO12142	4.79	1 1-	4ACSR	0	0	1088	300	0	0	0	0.00	1.83	0
CO12171+	CO12142	4.73	1 1-	4ACSR	0	0	1101	301	7	0	0	0.00	1.83	0
CO12141+	CO12140	4.78	1 1-	4ACSR	0	0	1089	300	0	0	0	0.00	1.82	0
OC246926637+	CO12141	4.78	1 1-	20 N FUSE	0	0	1089	300	0	0	0	0.00	1.82	0
CO12183+	OC246926637	4.86	1 1-	4ACSR	0	0	1074	298	0	0	0	0.00	1.82	0
CO12182+	OC246926637	5.02	0 1-	4ACSR	0	0	1042	296	0	0	0	0.00	1.82	0
CO12170+	CO12139	4.48	1 1-	4ACSR	0	0	1156	305	7	0	0	0.00	1.80	0
CO12216+	CO12229	4.37	0 1-	4ACSR	0	0	1182	307	0	0	0	0.00	1.79	0
CO12213+	CO12216	4.46	0 1-	4ACSR	0	0	1159	305	0	0	0	0.00	1.79	0
CO12215+	CO12213	4.59	0 1-	4ACSR	0	0	1131	303	0	0	0	0.00	1.79	0
CO12214+	CO12215	4.78	0 1-	4ACSR	0	0	1089	300	0	0	0	0.00	1.79	0
CO12180+	CO12211	4.02	1 1-	4ACSR	0	0	1267	313	3	0	0	0.00	1.76	0
CO12168+	CO12138	3.16	0 1-	4ACSR	0	0	1444	321	0	0	0	0.00	1.41	0
CO12167+	CO12301	3.08	0 1-	4ACSR	0	0	1465	322	0	0	0	0.00	1.38	0
OC-1586059166+	CO12167	3.08	0 1-	20 N FUSE	0	0	1465	322	0	0	0	0.00	1.38	0
CO11865+	CO11864	2.52	2 1-	4ACSR	0	0	1614	328	3	0	0	0.00	1.16	0
OC-1712687299+	CO11865	2.52	2 1-	20 N FUSE	0	0	1614	328	3	0	1	0.00	1.16	0
CO11866+	OC-1712687299	2.62	2 1-	4ACSR	0	0	1575	326	3	0	0	0.00	1.16	0
CO11846+	CO11866	2.66	0 1-	4ACSR	0	0	1558	325	0	0	0	0.00	1.16	0
CO11845+	CO11866	2.69	1 1-	4ACSR	0	0	1547	324	0	0	0	0.00	1.16	0
CO11867+	CO11817	2.09	39 1-	4ACSR	0	0	1749	332	121	8	6	0.01	1.00	2
CO11868+	CO11867	2.21	38 1-	4ACSR	0	0	1692	329	109	7	5	0.02	1.02	4
CO11940+	CO11868	2.22	35 1-	4ACSR	0	0	1689	329	100	6	5	0.00	1.02	0
OC333+	CO11940	2.22	35 1-	35 L OCR	0	0	1689	329	100	6	19	0.00	1.02	0
CO11941+	OC333	2.31	35 1-	4ACSR	0	0	1650	327	100	6	5	0.01	1.03	2
CO11869+	CO11941	2.39	1 1-	4ACSR	0	0	1618	326	3	0	0	0.00	1.03	0
CO11870+	CO11869	2.43	1 1-	4ACSR	0	0	1600	325	3	0	0	0.00	1.03	0
CO11871+	CO11941	2.40	34 1-	4ACSR	0	0	1610	325	97	6	5	0.01	1.05	2
CO11872+	CO11871	2.44	33 1-	4ACSR	0	0	1595	325	93	6	5	0.00	1.05	0
CO11873+	CO11872	2.48	32 1-	4ACSR	0	0	1579	324	88	5	4	0.01	1.06	0
CO11836+	CO11873	2.53	1 1-	4ACSR	0	0	1560	323	4	0	0	0.00	1.06	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL1878+	COL1873	2.58	27 1-	4ACSR	0	0	1538	322	69	4	3	0.01	1.07	0
COL1879+	COL1878	2.62	27 1-	4ACSR	0	0	1523	321	69	4	3	0.00	1.07	0
COL1837+	COL1879	2.72	1 1-	4ACSR	0	0	1488	319	2	0	0	0.00	1.07	0
COL1880+	COL1879	2.64	26 1-	4ACSR	0	0	1515	321	67	4	3	0.00	1.07	0
COL1881+	COL1880	2.74	25 1-	4ACSR	0	0	1479	319	65	4	3	0.01	1.08	0
COL1882+	COL1881	2.90	24 1-	4ACSR	0	0	1420	316	64	4	3	0.02	1.10	0
COL1883+	COL1882	3.01	24 1-	4ACSR	0	0	1386	314	64	4	3	0.01	1.11	0
COL1884+	COL1883	3.05	23 1-	4ACSR	0	0	1372	313	57	3	3	0.00	1.11	0
COL1885+	COL1884	3.08	22 1-	4ACSR	0	0	1363	312	57	3	3	0.00	1.12	0
COL1888+	COL1885	3.24	20 1-	4ACSR	0	0	1311	309	55	3	3	0.01	1.13	0
COL1889+	COL1888	3.27	20 1-	4ACSR	0	0	1304	309	55	3	3	0.00	1.13	0
COL1840+	COL1889	3.36	1 1-	4ACSR	0	0	1277	307	9	0	0	0.00	1.13	0
COL1890+	COL1889	3.34	18 1-	4ACSR	0	0	1283	308	45	3	2	0.01	1.14	0
COL1891+	COL1890	3.43	18 1-	4ACSR	0	0	1257	306	45	3	2	0.01	1.14	0
COL1892+	COL1891	3.47	18 1-	4ACSR	0	0	1247	305	45	3	2	0.00	1.15	0
COL1895+	COL1892	3.57	15 1-	4ACSR	0	0	1218	303	34	2	2	0.01	1.15	0
COL1896+	COL1895	3.70	15 1-	4ACSR	0	0	1186	301	34	2	2	0.01	1.16	0
COL1897+	COL1896	3.75	14 1-	4ACSR	0	0	1174	300	29	1	1	0.00	1.16	0
COL1898+	COL1897	3.81	13 1-	4ACSR	0	0	1160	299	29	1	1	0.00	1.16	0
COL1899+	COL1898	3.93	12 1-	4ACSR	0	0	1130	297	26	1	1	0.00	1.17	0
OC-1601144109+	COL1899	3.93	12 1-	20 N FUSE	0	0	1130	297	26	1	9	0.00	1.17	0
COL1818+	OC-1601144109	4.16	4 1-	4ACSR	0	0	1080	294	1	0	0	0.00	1.17	0
COL1819+	COL1818	4.23	3 1-	4ACSR	0	0	1064	292	1	0	0	0.00	1.17	0
COL1842+	COL1819	4.29	3 1-	4ACSR	0	0	1051	291	1	0	0	0.00	1.17	0
COL1841+	COL1819	4.33	0 1-	4ACSR	0	0	1044	291	0	0	0	0.00	1.17	0
COL1843+	COL1818	4.46	1 1-	4ACSR	0	0	1018	289	0	0	0	0.00	1.17	0
COL1844+	OC-1601144109	4.03	1 1-	4ACSR	0	0	1108	296	4	0	0	0.00	1.17	0
COL1900+	OC-1601144109	4.15	7 1-	4ACSR	0	0	1081	294	21	1	1	0.01	1.17	0
COL1901+	COL1900	4.32	7 1-	4ACSR	0	0	1045	291	21	1	1	0.01	1.18	0
COL1820+	COL1901	4.35	7 1-	4ACSR	0	0	1041	290	21	1	1	0.00	1.18	0
COL17033+	COL1820	4.66	0 1-	4ACSR	0	0	982	286	0	0	0	0.00	1.18	0
COL1902+	COL1820	4.49	2 1-	2ACSR	0	0	1019	289	14	0	1	0.00	1.18	0
COL1851+	COL1902	4.54	1 1-	2ACSR	0	0	1011	288	6	0	0	0.00	1.18	0
COL1903+	COL1902	4.59	1 1-	2ACSR	0	0	1004	288	8	0	0	0.00	1.18	0
COL1821+	COL1820	4.42	0 1-	4ACSR	0	0	1026	289	0	0	0	0.00	1.18	0
COL17032+	COL1821	4.95	0 1-	4ACSR	0	0	932	281	0	0	0	0.00	1.18	0
COL10393+	COL17032	5.15	0 1-	4ACSR	0	0	900	278	0	0	0	0.00	1.18	0
COL10394+	COL10393	5.31	0 1-	4ACSR	0	0	877	276	0	0	0	0.00	1.18	0
COL10461+	COL10394	5.37	0 1-	4ACSR	0	0	868	275	0	0	0	0.00	1.18	0
COL10527+	COL10461	5.54	0 1-	4ACSR	0	0	845	272	0	0	0	0.00	1.18	0
COL10427+	COL10527	5.68	0 1-	4ACSR	0	0	826	270	0	0	0	0.00	1.18	0
COL10428+	COL10427	5.87	0 1-	4ACSR	0	0	801	268	0	0	0	0.00	1.18	0
COL10429+	COL10428	5.98	0 1-	4ACSR	0	0	788	266	0	0	0	0.00	1.18	0
COL10412+	COL10527	5.58	0 1-	4ACSR	0	0	838	272	0	0	0	0.00	1.18	0
COL10451+	COL10412	5.59	0 1-	4ACSR	0	0	837	272	0	0	0	0.00	1.18	0
COL10452+	COL10451	5.68	0 1-	4ACSR	0	0	826	270	0	0	0	0.00	1.18	0
COL10355+	COL17032	5.01	0 1-	4ACSR	0	0	923	280	0	0	0	0.00	1.18	0
COL10354+	COL17032	5.09	0 1-	4ACSR	0	0	910	279	0	0	0	0.00	1.18	0
COL1852+	COL1820	4.38	2 1-	4ACSR	0	0	1033	290	4	0	0	0.00	1.18	0
COL1893+	COL1892	3.56	2 1-	4ACSR	0	0	1223	304	9	0	0	0.00	1.15	0
COL1894+	COL1893	3.71	2 1-	4ACSR	0	0	1183	301	9	0	0	0.00	1.15	0
COL1886+	COL1885	3.28	2 1-	4ACSR	0	0	1300	309	2	0	0	0.00	1.12	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11887+	CO11886	3.41	0 1-	4ACSR	0	0	1263	306	0	0	0	0.00	1.12	0
CO11839+	CO11887	3.51	0 1-	4ACSR	0	0	1237	305	0	0	0	0.00	1.12	0
CO11838+	CO11887	3.60	0 1-	4ACSR	0	0	1212	303	0	0	0	0.00	1.12	0
CO11874+	CO11873	2.63	4 1-	4ACSR	0	0	1520	321	15	1	1	0.00	1.06	0
CO11875+	CO11874	2.82	2 1-	4ACSR	0	0	1450	317	10	0	0	0.00	1.06	0
CO11835+	CO11875	2.87	1 1-	4ACSR	0	0	1431	316	6	0	0	0.00	1.06	0
CO11876+	CO11875	2.98	1 1-	4ACSR	0	0	1394	314	3	0	0	0.00	1.06	0
CO11877+	CO11876	3.01	1 1-	4ACSR	0	0	1387	314	3	0	0	0.00	1.06	0
CO11834+	CO11868	2.28	2 1-	4ACSR	0	0	1661	328	8	0	0	0.00	1.02	0
CO11849+	CO11867	2.18	1 1-	2ACSR	0	0	1715	330	12	0	0	0.00	1.00	0
CO11816+	CO17146	2.03	8 1-	6ACWC	0	0	1768	332	27	1	1	0.00	0.96	0
OC-2108291247+	CO11816	2.03	8 1-	20 N FUSE	0	0	1768	332	27	1	9	0.00	0.96	0
CO17143+	OC-2108291247	2.07	3 1-	6ACWC	0	0	1746	331	13	0	1	0.00	0.96	0
CO11860+	OC-2108291247	2.06	3 1-	6ACWC	0	0	1754	331	11	0	1	0.00	0.96	0
CO11861+	CO11860	2.52	3 1-	6ACWC	0	0	1557	322	11	0	1	0.00	0.96	0
CO11862+	CO11861	2.63	1 1-	6ACWC	0	0	1513	320	1	0	0	0.00	0.96	0
CO11831+	OC-2108291247	2.12	2 1-	6ACWC	0	0	1724	330	3	0	0	0.00	0.96	0
CO12198+	CO12162	1.82	1 1-	4ACSR	0	0	1840	334	9	0	0	0.00	0.86	0
CO12199+	CO12163	1.77	0 1-	4ACSR	0	0	1855	334	0	0	0	0.00	0.83	0
OC508821398+	CO12199	1.77	0 1-	20 N FUSE	0	0	1855	334	0	0	0	0.00	0.83	0
CO12208+	CO12257	1.55	4 1-	4ACSR	0	0	1952	337	15	1	1	0.00	0.76	0
OC-975966799+	CO12208	1.55	4 1-	20 N FUSE	0	0	1952	337	15	1	5	0.00	0.76	0
CO12206+	OC-975966799	1.62	1 1-	2ACSR	0	0	1920	336	4	0	0	0.00	0.76	0
CO12300+	OC-975966799	1.62	3 1-	4ACSR	0	0	1913	336	11	0	1	0.00	0.76	0
CO12299+	CO12300	1.69	2 1-	4ACSR	0	0	1878	334	11	0	1	0.00	0.76	0
CO12290+	CO12164	1.40	2 1-	4ACSR	0	0	2017	339	7	0	0	0.00	0.70	0
OC281969869+	CO12290	1.40	1 1-	20 N FUSE	0	0	2017	339	0	0	0	0.00	0.70	0
CO12289+	OC281969869	1.47	1 1-	4ACSR	0	0	1975	337	0	0	0	0.00	0.70	0
CO1628771316+	CO-1627864283	0.40	2 1-	2ACSR	0	0	2576	350	5	0	0	0.00	0.23	0
OC-1384781903+	CO1628771316	0.40	0 1-	20 N FUSE	0	0	2576	350	0	0	0	0.00	0.23	0
CO5635+	CO5634	0.02	645 3-	750 MCM - 42 Wi	2693	2835	2873	356	2923	65	6	0.00	0.00	2
Owingsville+	CO5635	0.02	645 3-	560 200WVE	2693	2835	2873	356	2923	65	12	0.00	0.00	0
CO5567+	Owingsville	0.04	645 3-	2/0ACSR	2681	2814	2852	355	2923	65	24	0.01	0.02	55
CO8309+	CO5567	0.10	644 3-	2/0ACSR	2657	2774	2812	355	2917	65	24	0.03	0.04	106
CO5118+	CO8309	0.15	640 3-	2/0ACSR	2634	2735	2773	354	2897	65	24	0.03	0.07	107
CO5119+	CO5118	0.19	639 3-	2/0ACSR	2618	2710	2747	354	2896	65	24	0.02	0.08	71
CO5120+	CO5119	0.22	638 3-	2/0ACSR	2605	2688	2724	354	2888	64	24	0.02	0.10	64
CO5121+	CO5120	0.27	636 3-	2/0ACSR	2584	2655	2690	353	2876	64	24	0.02	0.12	96
CO5122+	CO5121	0.36	634 3-	2/0ACSR	2548	2600	2632	352	2866	64	24	0.04	0.16	167
CO5105+	CO5122	0.41	2 1-	4ACSR	0	0	2591	351	7	0	0	0.00	0.16	0
CO5123+	CO5122	0.45	629 3-	2/0ACSR	2513	2548	2577	352	2848	64	24	0.04	0.20	163
CO11847+	CO5123	0.48	2 1-	4ACSR	0	0	2555	351	3	0	0	0.00	0.20	0
OC-910882646+	CO11847	0.48	0 1-	20 N FUSE	0	0	2555	351	0	0	0	0.00	0.20	0
CO5039+	CO5123	0.49	627 3-	2/0ACSR	2498	2527	2552	351	2845	64	24	0.02	0.22	73
CO17278+	CO5039	0.57	1 1-	2ACSR	0	0	2496	350	9	0	0	0.00	0.22	0
OC344453920+	CO17278	0.57	0 1-	20 N FUSE	0	0	2496	350	0	0	0	0.00	0.22	0
CO5040+	CO5039	0.73	626 3-	2/0ACSR	2405	2417	2409	349	2835	63	24	0.11	0.33	455
CO-1630250143+	CO5040	0.78	1 1-	2ACSR	0	0	2376	348	11	0	0	0.00	0.33	0
CO5276+	CO5040	0.74	5 1-	4ACSR	0	0	2404	349	23	1	1	0.00	0.33	0
OC136+	CO5276	0.74	5 1-	10 N FUSE	0	0	2404	349	23	1	16	0.00	0.33	0
CO5277+	OC136	0.97	5 1-	4ACSR	0	0	2243	344	23	1	1	0.01	0.34	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5126+	CO5277	1.07	3 1-	4ACSR	0	0	2179	342	9	0	0	0.00	0.34	0
CO5127+	CO5126	1.16	1 1-	4ACSR	0	0	2114	340	5	0	0	0.00	0.34	0
CO5128+	CO5127	1.19	1 1-	4ACSR	0	0	2099	339	5	0	0	0.00	0.34	0
CO5129+	CO5277	1.11	2 1-	4ACSR	0	0	2149	341	14	0	1	0.00	0.34	0
CO5130+	CO5129	1.15	1 1-	4ACSR	0	0	2122	340	4	0	0	0.00	0.34	0
CO5131+	CO5130	1.46	0 1-	4ACSR	0	0	1933	333	0	0	0	0.00	0.34	0
CO5124+	CO5040	0.74	619 3-	2/0ACSR	2401	2413	2403	349	2788	62	23	0.00	0.34	18
CO5125+	CO5124	0.85	619 3-	2/0ACSR	2361	2367	2344	348	2787	62	23	0.05	0.39	198
CO17280+	CO5125	0.90	617 3-	2/0ACSR	2343	2345	2317	348	2770	62	23	0.02	0.41	91
CO11856+	CO17280	0.95	614 3-	2/0ACSR	2327	2327	2294	347	2758	62	23	0.02	0.43	79
CO11858+	CO11856	1.12	1 1-	2ACSR	0	0	2197	345	13	0	1	0.00	0.43	0
OC1632749706+	CO11858	1.12	0 1-	20 N FUSE	0	0	2197	345	0	0	0	0.00	0.43	0
CO11859+	OC1632749706	1.20	0 1-	2ACSR	0	0	2153	344	0	0	0	0.00	0.43	0
CO11857+	CO11856	0.97	612 3-	2/0ACSR	2322	2321	2286	347	2736	61	23	0.01	0.44	27
CO17281+	CO11857	1.06	611 3-	2/0ACSR	2290	2284	2240	346	2735	61	23	0.04	0.48	159
CO5117+	CO17281	1.07	611 3-	2/0ACSR	2286	2280	2235	346	2735	61	23	0.00	0.48	19
CO5051+	CO5117	1.51	610 3-	1/0ACSR	2135	2106	2024	342	2735	61	27	0.24	0.72	974
CO5061+	CO5051	1.61	2 1-	2ACSR	0	0	1979	340	5	0	0	0.00	0.72	0
OC1059184072+	CO5061	1.61	0 1-	20 N FUSE	0	0	1979	340	0	0	0	0.00	0.72	0
CO5041+	CO5051	1.75	608 3-	2/0ACSR	2065	2026	1932	340	2725	61	23	0.10	0.82	410
OC-2000267008+	CO5041	1.75	607 3-	20 N FUSE	2065	2026	1932	340	2722	61	308	0.00	0.82	0
CO5113+	OC-2000267008	1.94	607 3-	2/0ACSR	2012	1966	1863	338	2722	61	23	0.08	0.91	328
CO5114+	CO5113	2.17	606 3-	2/0ACSR	1951	1898	1786	336	2718	61	23	0.10	1.01	393
CO5063+	CO5114	2.24	1 1-	2ACSR	0	0	1757	335	8	0	0	0.00	1.01	0
OC-1184285553+	CO5063	2.24	0 1-	20 N FUSE	0	0	1757	335	0	0	0	0.00	1.01	0
CO5110+	CO5114	2.18	605 3-	2/0ACSR	1947	1893	1781	336	2708	61	23	0.01	1.01	28
CO5111+	CO5110	2.21	603 3-	2/0ACSR	1939	1885	1771	336	2697	61	23	0.01	1.03	52
CO5112+	CO5111	2.27	603 3-	2/0ACSR	1925	1869	1753	335	2697	61	23	0.02	1.05	95
CO8267+	CO5112	2.51	602 3-	2/0ACSR	1866	1804	1682	333	2686	60	23	0.10	1.15	399
CO3844+	CO8267	2.59	602 3-	2/0ACSR	1847	1784	1660	332	2684	60	23	0.03	1.19	133
CO4078+	CO3844	2.59	13 1-	4ACSR	0	0	1657	332	40	2	2	0.00	1.19	0
OC113+	CO4078	2.59	13 1-	35 E OCR	0	0	1657	332	40	2	8	0.00	1.19	0
CO4079+	OC113	2.65	13 1-	4ACSR	0	0	1635	331	40	2	2	0.00	1.19	0
CO3908+	CO4079	3.41	12 1-	4ACSR	0	0	1365	316	39	2	2	0.04	1.23	3
CO3849+	CO3908	3.95	10 1-	4ACSR	0	0	1213	306	28	1	1	0.02	1.26	0
CO4027+	CO3849	4.05	2 1-	4ACSR	0	0	1190	304	4	0	0	0.00	1.26	0
CO4028+	CO4027	4.09	2 1-	4ACSR	0	0	1178	304	4	0	0	0.00	1.26	0
CO4026+	CO4028	4.19	2 1-	4ACSR	0	0	1156	302	4	0	0	0.00	1.26	0
CO4029+	CO4026	4.23	2 1-	4ACSR	0	0	1147	301	4	0	0	0.00	1.26	0
CO4069+	CO3849	4.01	1 1-	4ACSR	0	0	1199	305	0	0	0	0.00	1.26	0
CO4070+	CO4069	4.05	1 1-	4ACSR	0	0	1190	304	0	0	0	0.00	1.26	0
CO3921+	CO3849	4.11	6 1-	4ACSR	0	0	1174	303	22	1	1	0.01	1.26	0
CO4071+	CO3921	4.24	1 1-	2ACSR	0	0	1149	302	6	0	0	0.00	1.26	0
CO4072+	CO4071	4.31	1 1-	2ACSR	0	0	1137	301	6	0	0	0.00	1.26	0
CO3920+	CO3921	4.13	5 1-	4ACSR	0	0	1169	303	16	1	1	0.00	1.26	0
CO3918+	CO3920	4.27	5 1-	4ACSR	0	0	1137	300	16	1	1	0.00	1.27	0
CO3919+	CO3918	4.31	5 1-	4ACSR	0	0	1128	300	16	1	1	0.00	1.27	0
CO3878+	CO3919	4.41	2 1-	4ACSR	0	0	1106	298	2	0	0	0.00	1.27	0
CO3961+	CO3919	4.49	1 1-	4ACSR	0	0	1089	297	3	0	0	0.00	1.27	0
CO3960+	CO3961	4.57	1 1-	4ACSR	0	0	1072	295	3	0	0	0.00	1.27	0
CO3962+	CO3960	4.67	1 1-	4ACSR	0	0	1052	294	3	0	0	0.00	1.27	0
CO3959+	CO3962	4.78	1 1-	4ACSR	0	0	1031	292	3	0	0	0.00	1.27	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3963+	CO3959	4.90	1 1-	4ACSR	0	0	1008	290	3	0	0	0.00	1.27	0
CO3958+	CO3963	4.92	1 1-	4ACSR	0	0	1003	290	3	0	0	0.00	1.27	0
CO3964+	CO3958	4.98	1 1-	4ACSR	0	0	993	289	3	0	0	0.00	1.27	0
CO3957+	CO3964	5.06	1 1-	4ACSR	0	0	978	287	3	0	0	0.00	1.27	0
CO3965+	CO3957	5.15	1 1-	4ACSR	0	0	963	286	3	0	0	0.00	1.27	0
CO3956+	CO3965	5.24	1 1-	4ACSR	0	0	948	285	3	0	0	0.00	1.27	0
CO3866+	CO3908	3.43	0 1-	4ACSR	0	0	1361	316	0	0	0	0.00	1.23	0
CO8270+	CO3866	3.69	0 1-	4ACSR	0	0	1285	311	0	0	0	0.00	1.23	0
CO3880+	CO3908	3.43	1 1-	4ACSR	0	0	1361	316	8	0	0	0.00	1.23	0
CO8271+	CO3880	3.46	1 1-	4ACSR	0	0	1351	315	8	0	0	0.00	1.23	0
CO3879+	CO3908	3.44	0 1-	4ACSR	0	0	1356	315	0	0	0	0.00	1.23	0
CO3845+	CO3844	2.66	589 3-	2/0ACSR	1830	1765	1640	332	2644	59	22	0.03	1.22	119
CO3910+	CO3845	2.75	2 1-	4ACSR	0	0	1605	330	6	0	0	0.00	1.22	0
OC244858206+	CO3910	2.75	2 1-	20 N FUSE	0	0	1605	330	6	0	2	0.00	1.22	0
CO3909+	OC244858206	2.96	2 1-	4ACSR	0	0	1526	326	6	0	0	0.00	1.22	0
CO17282+	CO3909	3.22	0 1-	4ACSR	0	0	1434	320	0	0	0	0.00	1.22	0
SW1179999505-B+	CO17282	3.22	0 1-	Closed	0	0	1434	320	0	0	0	0.00	1.22	0
SW1179999505-A+	SW1179999505-B	3.22	0 1-	Closed	0	0	1434	320	0	0	0	0.00	1.22	0
CO10522+	SW1179999505-A	3.33	0 1-	4ACSR	0	0	1399	318	0	0	0	0.00	1.22	0
CO11815+	CO10522	4.04	0 1-	4ACSR	0	0	1199	305	0	0	0	0.00	1.22	0
CO3867+	CO3909	3.00	2 1-	4ACSR	0	0	1509	325	6	0	0	0.00	1.22	0
CO3846+	CO3845	2.79	587 3-	2/0ACSR	1800	1732	1604	331	2637	59	22	0.06	1.27	216
CO3848+	CO3846	2.95	586 3-	2/0ACSR	1764	1694	1563	329	2636	59	22	0.07	1.34	263
CO3915+	CO3848	3.07	2 1-	4ACSR	0	0	1519	327	4	0	0	0.00	1.34	0
OC-2039678973+	CO3915	3.07	1 1-	20 N FUSE	0	0	1519	327	0	0	0	0.00	1.34	0
CO3914+	OC-2039678973	3.12	1 1-	4ACSR	0	0	1502	326	0	0	0	0.00	1.34	0
CO3870+	CO3914	3.17	0 1-	4ACSR	0	0	1487	325	0	0	0	0.00	1.34	0
CO3869+	CO3914	3.17	1 1-	4ACSR	0	0	1486	325	0	0	0	0.00	1.34	0
CO3912+	CO3848	2.98	583 3-	2/0ACSR	1759	1687	1556	329	2631	59	22	0.01	1.35	44
CO3913+	CO3912	3.00	583 3-	2/0ACSR	1754	1683	1551	329	2630	59	22	0.01	1.36	31
CO4075+	CO3913	3.14	582 3-	2/0ACSR	1724	1650	1516	328	2622	59	22	0.06	1.42	233
CO3905+	CO4075	3.24	2 1-	2ACSR	0	0	1488	326	12	0	0	0.00	1.42	0
OC-772605012+	CO3905	3.24	0 1-	20 N FUSE	0	0	1488	326	0	0	0	0.00	1.42	0
CO4076+	CO4075	3.21	579 3-	2/0ACSR	1709	1634	1499	327	2601	59	22	0.03	1.45	115
CO4066+	CO4076	3.30	2 1-	2ACSR	0	0	1475	326	19	1	1	0.00	1.45	0
OC169302986+	CO4066	3.30	1 1-	20 N FUSE	0	0	1475	326	13	0	4	0.00	1.45	0
CO4065+	OC169302986	3.36	1 1-	2ACSR	0	0	1457	325	13	0	0	0.00	1.45	0
CO4074+	CO4076	3.23	577 3-	2/0ACSR	1706	1630	1495	327	2581	58	22	0.01	1.46	26
CO4063+	CO4074	3.26	3 1-	2ACSR	0	0	1487	327	19	1	1	0.00	1.46	0
OC-849722200+	CO4063	3.26	2 1-	20 N FUSE	0	0	1487	327	12	0	4	0.00	1.46	0
CO4062+	OC-849722200	3.33	2 1-	2ACSR	0	0	1467	326	12	0	0	0.00	1.46	0
CO4064+	CO4062	3.36	2 1-	2ACSR	0	0	1460	325	12	0	0	0.00	1.46	0
CO4073+	CO4074	3.27	573 3-	2/0ACSR	1697	1621	1485	327	2554	58	21	0.02	1.48	67
CO3911+	CO4073	3.34	572 3-	2/0ACSR	1682	1606	1469	326	2553	58	21	0.03	1.51	108
CO10523+	CO3911	3.54	571 3-	2/0ACSR	1645	1566	1427	324	2548	57	21	0.08	1.59	297
CO-773749210+	CO10523	3.56	570 3-	2ACSR	1638	1559	1420	324	2537	57	32	0.02	1.61	79
CO-1352262668+	CO-773749210	3.62	0 1-	2ACSR	0	0	1406	323	0	0	0	0.00	1.61	0
CO-1134974350+	CO-773749210	3.64	570 3-	2ACSR	1621	1540	1401	323	2536	57	32	0.06	1.66	227
CO10482+	CO-1134974350	3.74	570 3-	2/0ACSR	1602	1520	1380	322	2535	57	21	0.04	1.70	155
CO10524+	CO10482	3.75	21 1-	6ACWC	0	0	1379	322	59	3	3	0.00	1.70	0
CO10525+	CO10524	3.90	21 1-	6ACWC	0	0	1336	319	59	3	3	0.01	1.72	0
CO10368+	CO10525	3.96	20 1-	6ACWC	0	0	1318	318	59	3	3	0.01	1.72	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10369+	CO10368	4.03	18 1-	6ACWC	0	0	1300	317	53	3	3	0.00	1.73	0
CO10462+	CO10369	4.08	10 1-	6ACWC	0	0	1288	316	23	1	1	0.00	1.73	0
CO10463+	CO10462	4.14	6 1-	6ACWC	0	0	1272	315	19	1	1	0.00	1.73	0
CO10338+	CO10463	4.17	2 1-	6ACWC	0	0	1262	314	8	0	0	0.00	1.73	0
CO10337+	CO10463	4.21	4 1-	6ACWC	0	0	1253	313	11	0	1	0.00	1.73	0
CO10519+	CO10369	4.08	3 1-	2ACSR	0	0	1288	316	6	0	0	0.00	1.73	0
CO10357+	CO10519	4.13	3 1-	2ACSR	0	0	1277	315	6	0	0	0.00	1.73	0
CO10518+	CO10519	4.11	0 1-	2ACSR	0	0	1282	316	0	0	0	0.00	1.73	0
CO10483+	CO10518	4.14	0 1-	2ACSR	0	0	1277	315	0	0	0	0.00	1.73	0
CO10464+	CO10483	4.16	0 1-	2ACSR	0	0	1271	315	0	0	0	0.00	1.73	0
CO10358+	CO10369	4.11	2 1-	2ACSR	0	0	1281	316	0	0	0	0.00	1.73	0
CO10370+	CO10482	3.83	549 3-	2/0ACSR	1586	1503	1364	321	2476	56	21	0.03	1.74	125
CO10371+	CO10370	3.96	549 3-	2/0ACSR	1563	1479	1339	320	2476	56	21	0.05	1.79	189
CO10317+	CO10371	4.15	243 3-	1/0ACSR	1529	1443	1302	319	1164	26	12	0.04	1.83	75
CO10372+	CO10317	4.26	238 3-	1/0ACSR	1508	1421	1280	318	1149	26	11	0.03	1.86	46
CO10373+	CO10372	4.31	237 3-	1/0ACSR	1500	1413	1272	317	1140	25	11	0.01	1.87	18
CO10374+	CO10373	4.57	236 3-	1/0ACSR	1455	1367	1226	315	1138	25	11	0.06	1.93	101
CO10500+	CO10374	4.58	8 1-	6ACWC	0	0	1224	314	22	1	1	0.00	1.93	0
OC288+	CO10500	4.58	8 1-	35 E OCR	0	0	1224	314	22	1	4	0.00	1.93	0
CO10501+	OC288	4.71	8 1-	6ACWC	0	0	1193	312	22	1	1	0.00	1.93	0
CO10377+	CO10501	4.79	7 1-	6ACWC	0	0	1176	311	10	0	0	0.00	1.93	0
CO10378+	CO10377	4.84	7 1-	6ACWC	0	0	1165	310	10	0	0	0.00	1.93	0
CO10459+	CO10378	4.85	5 1-	6ACWC	0	0	1161	309	8	0	0	0.00	1.93	0
CO10460+	CO10459	4.89	3 1-	6ACWC	0	0	1153	309	1	0	0	0.00	1.93	0
CO10379+	CO10460	5.33	3 1-	6ACWC	0	0	1064	301	1	0	0	0.00	1.93	0
CO10346+	CO10378	4.93	2 1-	6ACWC	0	0	1145	308	2	0	0	0.00	1.93	0
CO10345+	CO10501	4.76	1 1-	6ACWC	0	0	1182	311	12	0	1	0.00	1.93	0
CO10375+	CO10374	4.91	227 3-	1/0ACSR	1402	1317	1172	312	1115	25	11	0.07	2.00	123
CO10376+	CO10375	5.00	227 3-	1/0ACSR	1388	1303	1158	311	1115	25	11	0.02	2.02	34
CO10471+	CO10376	5.01	227 3-	1/0ACSR	1386	1301	1155	311	1115	25	11	0.00	2.02	6
CO10472+	CO10471	5.13	224 3-	1/0ACSR	1368	1285	1138	309	1102	25	11	0.02	2.05	42
CO10320+	CO10472	5.18	223 3-	1/0ACSR	1361	1278	1131	309	1101	25	11	0.01	2.06	17
CO10498+	CO10320	5.18	10 1-	4ACSR	0	0	1129	309	21	1	1	0.00	2.06	0
OC287+	CO10498	5.18	10 1-	25 E OCR	0	0	1129	309	21	1	6	0.00	2.06	0
CO10499+	OC287	5.29	10 1-	4ACSR	0	0	1108	307	21	1	1	0.00	2.06	0
CO10469+	CO10499	5.44	10 1-	4ACSR	0	0	1078	304	21	1	1	0.01	2.07	0
CO10470+	CO10469	5.46	8 1-	4ACSR	0	0	1075	304	21	1	1	0.00	2.07	0
CO10380+	CO10470	5.53	8 1-	4ACSR	0	0	1061	303	21	1	1	0.00	2.07	0
CO10343+	CO10380	5.58	1 1-	1/0ACSR	0	0	1054	302	5	0	0	0.00	2.07	0
CO10520+	CO10380	5.54	7 1-	750 MCM - 42 Wi	0	0	1060	303	16	1	0	0.00	2.07	0
OC285+	CO10520	5.54	7 1-	10 N FUSE	0	0	1060	303	16	1	11	0.00	2.07	0
CO10319+	OC285	5.61	4 1-	6ACWC	0	0	1047	301	4	0	0	0.00	2.07	0
CO10344+	CO10319	5.72	2 1-	6ACWC	0	0	1027	300	0	0	0	0.00	2.07	0
CO10420+	CO10319	5.71	2 1-	6ACWC	0	0	1030	300	4	0	0	0.00	2.07	0
CO10421+	CO10420	5.80	2 1-	6ACWC	0	0	1013	298	4	0	0	0.00	2.07	0
CO10422+	CO10421	5.87	1 1-	6ACWC	0	0	1001	297	4	0	0	0.00	2.07	0
CO10318+	OC285	5.66	3 1-	4ACSR	0	0	1037	300	12	0	1	0.00	2.07	0
CO10484+	CO10318	5.71	2 1-	4ACSR	0	0	1028	300	8	0	0	0.00	2.07	0
CO10485+	CO10484	5.76	1 1-	4ACSR	0	0	1020	299	0	0	0	0.00	2.07	0
CO10342+	CO10318	5.72	1 1-	4ACSR	0	0	1027	299	4	0	0	0.00	2.07	0
CO10381+	CO10320	5.22	213 3-	1/0ACSR	1354	1271	1124	309	1080	24	11	0.01	2.07	16
CO10382+	CO10381	5.29	213 3-	1/0ACSR	1345	1263	1115	308	1080	24	11	0.01	2.08	22

Substation Power Factor: 0.98

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10383+	CO10382	5.82	213 3-	1/0ACSR	1273	1195	1044	303	1080	24	11	0.11	2.19	184
CO10384+	CO10383	5.85	213 3-	1/0ACSR	1270	1192	1041	303	1079	24	11	0.01	2.20	9
CO10398+	CO10384	5.87	211 3-	1/0ACSR	1267	1189	1038	303	1077	24	11	0.00	2.20	8
CO10399+	CO10398	5.94	209 3-	1/0ACSR	1257	1180	1029	302	1073	24	11	0.02	2.22	26
CO10467+	CO10399	5.99	207 3-	1/0ACSR	1251	1174	1023	302	826	18	8	0.01	2.23	10
CO10468+	CO10467	6.09	206 3-	1/0ACSR	1239	1163	1011	301	823	18	8	0.02	2.24	20
CO10488+	CO10468	6.16	205 3-	1/0ACSR	1231	1156	1004	300	820	18	8	0.01	2.25	13
CO10489+	CO10488	6.23	204 3-	1/0ACSR	1222	1147	995	300	817	18	8	0.01	2.27	15
CO10497+	CO10489	6.24	7 1-	6ACWC	0	0	994	300	6	0	0	0.00	2.27	0
OC286+	CO10497	6.24	7 1-	10 N FUSE	0	0	994	300	6	0	4	0.00	2.27	0
CO10511+	OC286	6.28	7 1-	6ACWC	0	0	987	299	6	0	0	0.00	2.27	0
CO10510+	CO10511	6.33	7 1-	6ACWC	0	0	979	298	6	0	0	0.00	2.27	0
CO10364+	CO10510	6.41	7 1-	6ACWC	0	0	967	297	6	0	0	0.00	2.27	0
CO10365+	CO10364	6.56	6 1-	6ACWC	0	0	944	294	6	0	0	0.00	2.27	0
CO10437+	CO10365	6.61	6 1-	6ACWC	0	0	937	293	6	0	0	0.00	2.27	0
CO10455+	CO10437	6.68	6 1-	6ACWC	0	0	926	292	6	0	0	0.00	2.27	0
CO10456+	CO10455	6.78	5 1-	6ACWC	0	0	913	291	5	0	0	0.00	2.27	0
CO10438+	CO10456	6.81	4 1-	6ACWC	0	0	908	290	5	0	0	0.00	2.27	0
CO10439+	CO10438	6.85	4 1-	6ACWC	0	0	902	289	5	0	0	0.00	2.27	0
CO10328+	CO10439	7.06	0 1-	6ACWC	0	0	874	286	0	0	0	0.00	2.27	0
CO10310+	CO10439	7.18	4 1-	6ACWC	0	0	858	284	5	0	0	0.00	2.27	0
CO10406+	CO10310	7.21	2 1-	6ACWC	0	0	855	284	0	0	0	0.00	2.27	0
CO10407+	CO10406	7.28	1 1-	6ACWC	0	0	846	283	0	0	0	0.00	2.27	0
CO10408+	CO10407	7.37	1 1-	6ACWC	0	0	834	281	0	0	0	0.00	2.27	0
CO10409+	CO10408	7.41	1 1-	6ACWC	0	0	830	281	0	0	0	0.00	2.27	0
CO10521+	CO10510	6.36	0 1-	750 MCM - 42 Wi	0	0	978	298	0	0	0	0.00	2.27	0
CO10363+	CO10511	6.32	0 1-	2ACSR	0	0	982	298	0	0	0	0.00	2.27	0
CO10465+	CO10489	6.24	196 3-	1/0ACSR	1220	1146	994	300	807	18	8	0.00	2.27	0
CO10466+	CO10465	6.47	193 3-	1/0ACSR	1194	1121	969	298	804	18	8	0.04	2.30	44
CO17016+	CO10466	6.56	191 3-	1/0ACSR	1183	1111	959	297	799	18	8	0.01	2.32	18
CO10085+	CO17016	6.59	191 3-	1/0ACSR	1180	1108	956	297	799	18	8	0.00	2.32	6
CO10086+	CO10085	6.67	190 3-	1/0ACSR	1171	1100	947	296	799	18	8	0.01	2.33	15
CO9937+	CO10086	6.76	186 3-	1/0ACSR	1161	1090	938	295	766	17	8	0.01	2.35	16
CO10083+	CO9937	6.86	1 1-	4ACSR	0	0	924	294	0	0	0	0.00	2.35	0
OC1680176015+	CO10083	6.86	0 1-	20 N FUSE	0	0	924	294	0	0	0	0.00	2.35	0
CO10084+	OC1680176015	6.88	0 1-	4ACSR	0	0	922	293	0	0	0	0.00	2.35	0
CO10039+	CO10084	7.07	0 1-	4ACSR	0	0	895	290	0	0	0	0.00	2.35	0
CO10081+	CO9937	6.94	185 3-	1/0ACSR	1142	1073	921	294	766	17	8	0.03	2.37	31
CO10082+	CO10081	7.01	185 3-	1/0ACSR	1135	1066	914	293	766	17	8	0.01	2.38	12
CO9957+	CO10082	7.08	1 1-	4ACSR	0	0	903	292	7	0	0	0.00	2.39	0
OC-1812395090+	CO9957	7.08	0 1-	20 N FUSE	0	0	903	292	0	0	0	0.00	2.39	0
CO9938+	CO10082	7.25	184 3-	1/0ACSR	1111	1043	892	291	759	17	8	0.04	2.42	41
FD1988420502+	CO9938	7.25	183 3-	_DefaultBayEqui	1111	1043	892	291	759	17	0	0.00	2.42	0
CO9939+	FD1988420502	7.36	183 3-	1/0ACSR	1099	1033	881	290	759	17	8	0.02	2.44	20
OC1988420502+	CO9939	7.36	182 3-	20 N FUSE	1099	1033	881	290	756	17	86	0.00	2.44	0
CO10135+	OC1988420502	7.37	45 3-	2ACSR	1098	1032	881	290	134	3	2	0.00	2.44	0
OC273+	CO10135	7.37	45 3-	70 E OCR	1098	1032	881	290	134	3	4	0.00	2.44	0
CO10136+	OC273	7.55	45 3-	2ACSR	1077	1013	861	288	134	3	2	0.01	2.44	0
CO10000+	CO10136	7.64	42 3-	2ACSR	1066	1003	852	287	123	2	2	0.00	2.45	0
CO10001+	CO10000	7.83	42 3-	2ACSR	1045	984	833	285	123	2	2	0.01	2.45	0
CO10077+	CO10001	7.95	42 3-	2ACSR	1032	972	822	283	123	2	2	0.00	2.46	0
CO10078+	CO10077	8.01	41 3-	2ACSR	1026	967	816	283	117	2	1	0.00	2.46	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10076+	CO10078	8.12	40 3-	2ACSR	1015	956	807	282	116	2	1	0.00	2.46	0
CO9943+	CO10076	8.17	39 3-	2ACSR	1010	952	802	281	106	2	1	0.00	2.47	0
CO9967+	CO9943	8.24	1 1-	4ACSR	0	0	794	280	7	0	0	0.00	2.47	0
OC582615477+	CO9967	8.24	0 1-	20 N FUSE	0	0	794	280	0	0	0	0.00	2.47	0
CO10002+	CO9943	8.26	38 3-	2ACSR	1000	943	794	280	99	2	1	0.00	2.47	0
CO10091+	CO10002	8.40	38 3-	2ACSR	986	930	782	279	99	2	1	0.00	2.47	0
CO10092+	CO10091	8.53	37 3-	2ACSR	974	919	771	277	99	2	1	0.00	2.48	0
CO9945+	CO10092	8.67	32 3-	2ACSR	960	907	759	276	83	1	1	0.00	2.48	0
CO9946+	CO9945	8.76	29 3-	2ACSR	951	899	752	275	75	1	1	0.00	2.48	0
CO10045+	CO9946	8.86	4 1-	4ACSR	0	0	743	273	16	1	1	0.00	2.48	0
OC1206866872+	CO10045	8.86	1 1-	20 N FUSE	0	0	743	273	6	0	2	0.00	2.48	0
CO10046+	OC1206866872	8.89	1 1-	4ACSR	0	0	740	273	6	0	0	0.00	2.48	0
CO9947+	CO9946	8.84	24 3-	2ACSR	944	892	746	274	56	1	1	0.00	2.48	0
CO9970+	CO9947	8.98	1 1-	4ACSR	0	0	732	272	4	0	0	0.00	2.48	0
OC-882134286+	CO9970	8.98	0 1-	20 N FUSE	0	0	732	272	0	0	0	0.00	2.48	0
CO9948+	CO9947	8.91	22 3-	2ACSR	937	886	740	273	49	1	1	0.00	2.48	0
CO10116+	CO9948	9.14	19 3-	2ACSR	917	867	723	271	40	0	1	0.00	2.49	0
CO10117+	CO10116	9.21	17 3-	2ACSR	911	862	718	270	30	0	0	0.00	2.49	0
CO10015+	CO10117	9.34	17 3-	2ACSR	900	852	708	269	30	0	0	0.00	2.49	0
CO17002+	CO10015	9.41	3 3-	2ACSR	894	846	703	268	5	0	0	0.00	2.49	0
CO9687+	CO17002	9.42	0 3-	2ACSR	893	846	703	268	0	0	0	0.00	2.49	0
SW260-A+	CO9687	9.42	0 3-	Open	893	846	703	268	0	0	0	0.00	2.49	0
CO9364+	CO17002	9.54	1 1-	4ACSR	0	0	692	266	1	0	0	0.00	2.49	0
OC1766903522+	CO9364	9.54	0 1-	20 N FUSE	0	0	692	266	0	0	0	0.00	2.49	0
CO9363+	CO17002	9.51	2 1-	4ACSR	0	0	695	267	4	0	0	0.00	2.49	0
CO10034+	CO10015	9.45	11 1-	6ACWC	0	0	699	267	6	0	0	0.00	2.49	0
OC-2001986453+	CO10034	9.45	10 1-	20 N FUSE	0	0	699	267	2	0	1	0.00	2.49	0
CO10035+	OC-2001986453	9.54	10 1-	6ACWC	0	0	691	266	2	0	0	0.00	2.49	0
CO1483441538+	CO10035	9.61	10 1-	2ACSR	0	0	686	265	2	0	0	0.00	2.49	0
CO1749367096+	CO1483441538	9.70	9 1-	2ACSR	0	0	681	265	2	0	0	0.00	2.49	0
CO10037+	CO1749367096	9.77	9 1-	6ACWC	0	0	675	264	2	0	0	0.00	2.49	0
CO10064+	CO10037	9.97	9 1-	6ACWC	0	0	659	261	2	0	0	0.00	2.49	0
CO10065+	CO10064	10.12	8 1-	6ACWC	0	0	647	259	1	0	0	0.00	2.49	0
CO10038+	CO10065	10.15	8 1-	6ACWC	0	0	646	259	1	0	0	0.00	2.49	0
CO9949+	CO10038	10.82	6 1-	6ACWC	0	0	599	250	1	0	0	0.00	2.49	0
CO10013+	CO9949	11.17	2 1-	6ACWC	0	0	576	246	1	0	0	0.00	2.49	0
CO10014+	CO10013	11.27	2 1-	6ACWC	0	0	571	245	1	0	0	0.00	2.49	0
CO10131+	CO10014	11.84	1 1-	6ACWC	0	0	538	238	1	0	0	0.00	2.49	0
CO10016+	CO10131	11.90	1 1-	6ACWC	0	0	535	238	1	0	0	0.00	2.49	0
CO10132+	CO9949	10.98	3 1-	6ACWC	0	0	588	248	0	0	0	0.00	2.49	0
CO10017+	CO10132	11.42	2 1-	6ACWC	0	0	562	243	0	0	0	0.00	2.49	0
CO17261+	CO10017	11.50	1 1-	2ACSR	0	0	558	242	0	0	0	0.00	2.49	0
CO10010+	CO10038	10.24	2 1-	6ACWC	0	0	639	257	0	0	0	0.00	2.49	0
CO10011+	CO10010	10.41	1 1-	6ACWC	0	0	627	255	0	0	0	0.00	2.49	0
CO10012+	CO10011	10.76	1 1-	6ACWC	0	0	603	251	0	0	0	0.00	2.49	0
CO1915566722+	CO1483441538	9.78	1 1-	2ACSR	0	0	675	264	0	0	0	0.00	2.49	0
CO10047+	CO10015	9.42	3 1-	4ACSR	0	0	702	268	19	1	1	0.00	2.49	0
OC1184063227+	CO10047	9.42	2 1-	20 N FUSE	0	0	702	268	18	1	6	0.00	2.49	0
CO10062+	OC1184063227	9.45	2 1-	4ACSR	0	0	699	267	18	1	1	0.00	2.49	0
CO10063+	CO10062	9.49	1 1-	4ACSR	0	0	696	267	11	0	1	0.00	2.49	0
CO10006+	CO9948	9.07	3 1-	6ACWC	0	0	725	271	8	0	0	0.00	2.49	0
OC-1570932696+	CO10006	9.07	2 1-	20 N FUSE	0	0	725	271	6	0	2	0.00	2.49	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10007+	OC-1570932696	9.14	2 1-	6ACWC	0	0	719	270	6	0	0	0.00	2.49	0
CO10008+	CO10007	9.19	0 1-	6ACWC	0	0	715	269	0	0	0	0.00	2.49	0
CO10009+	CO10008	9.31	0 1-	6ACWC	0	0	704	268	0	0	0	0.00	2.49	0
CO9969+	CO9945	8.71	2 1-	4ACSR	0	0	755	275	4	0	0	0.00	2.48	0
OC-824781539+	CO9969	8.71	1 1-	20 N FUSE	0	0	755	275	0	0	0	0.00	2.48	0
CO-497764573+	OC-824781539	8.77	1 1-	2ACSR	0	0	750	274	0	0	0	0.00	2.48	0
CO9944+	CO10092	8.60	5 1-	4ACSR	0	0	764	276	16	1	1	0.00	2.48	0
OC-1162035764+	CO9944	8.60	5 1-	20 N FUSE	0	0	764	276	16	1	5	0.00	2.48	0
CO10087+	OC-1162035764	8.84	4 1-	4ACSR	0	0	740	273	15	1	1	0.00	2.48	0
CO10088+	CO10087	8.90	3 1-	4ACSR	0	0	734	272	11	0	1	0.00	2.48	0
CO10061+	CO10088	9.03	3 1-	4ACSR	0	0	722	270	11	0	1	0.00	2.49	0
CO10089+	CO10061	9.06	2 1-	4ACSR	0	0	719	269	11	0	1	0.00	2.49	0
CO10090+	CO10089	9.07	1 1-	4ACSR	0	0	718	269	0	0	0	0.00	2.49	0
CO10129+	CO10090	9.22	1 1-	4ACSR	0	0	705	267	0	0	0	0.00	2.49	0
CO10130+	CO10129	9.28	1 1-	4ACSR	0	0	699	266	0	0	0	0.00	2.49	0
CO10003+	CO10130	9.43	1 1-	4ACSR	0	0	687	264	0	0	0	0.00	2.49	0
CO10004+	CO10003	9.47	1 1-	4ACSR	0	0	683	264	0	0	0	0.00	2.49	0
CO10005+	CO10004	9.52	1 1-	4ACSR	0	0	679	263	0	0	0	0.00	2.49	0
CO17021+	CO10005	9.64	1 1-	4ACSR	0	0	669	261	0	0	0	0.00	2.49	0
CO10220+	CO17021	9.73	1 1-	4ACSR	0	0	662	260	0	0	0	0.00	2.49	0
CO10221+	CO10220	9.81	1 1-	4ACSR	0	0	656	259	0	0	0	0.00	2.49	0
CO10222+	CO10221	9.90	1 1-	4ACSR	0	0	649	258	0	0	0	0.00	2.49	0
CO10223+	CO10222	10.03	1 1-	4ACSR	0	0	639	256	0	0	0	0.00	2.49	0
CO10224+	CO10223	10.13	1 1-	4ACSR	0	0	632	255	0	0	0	0.00	2.49	0
CO10225+	CO10224	10.18	1 1-	4ACSR	0	0	628	254	0	0	0	0.00	2.49	0
CO9968+	OC-1162035764	8.65	1 1-	4ACSR	0	0	758	275	1	0	0	0.00	2.48	0
CO9966+	CO10076	8.17	1 1-	4ACSR	0	0	800	281	10	0	0	0.00	2.47	0
OC-1319449048+	CO9966	8.17	0 1-	20 N FUSE	0	0	800	281	0	0	0	0.00	2.47	0
CO10079+	CO10136	7.57	3 1-	4ACSR	0	0	859	288	11	0	1	0.00	2.44	0
OC181760600+	CO10079	7.57	2 1-	20 N FUSE	0	0	859	288	9	0	3	0.00	2.44	0
CO10080+	OC181760600	7.64	2 1-	4ACSR	0	0	851	287	9	0	0	0.00	2.45	0
CO10137+	OC1988420502	7.37	137 3-	1/0ACSR	1099	1032	881	290	622	14	6	0.00	2.44	0
OC275+	CO10137	7.37	137 3-	70 E OCR	1099	1032	881	290	622	14	20	0.00	2.44	0
CO10138+	OC275	7.46	137 3-	1/0ACSR	1090	1024	873	289	622	14	6	0.01	2.45	10
CO9992+	CO10138	7.50	137 3-	1/0ACSR	1085	1020	869	289	622	14	6	0.01	2.45	5
CO9993+	CO9992	7.91	137 3-	1/0ACSR	1048	985	835	286	622	14	6	0.05	2.50	47
CO10068+	CO9993	8.36	5 1-	6ACWC	0	0	784	279	20	1	1	0.01	2.52	0
OC2079690994+	CO10068	8.36	4 1-	20 N FUSE	0	0	784	279	17	1	6	0.00	2.52	0
CO10069+	OC2079690994	8.38	4 1-	6ACWC	0	0	782	278	17	1	1	0.00	2.52	0
CO9994+	CO10069	8.44	4 1-	6ACWC	0	0	776	278	17	1	1	0.00	2.52	0
CO17017+	CO9994	8.70	3 1-	6ACWC	0	0	749	274	15	0	1	0.01	2.52	0
CO10505+	CO17017	8.83	1 1-	6ACWC	0	0	737	272	1	0	0	0.00	2.52	0
CO10359+	CO17017	8.83	2 1-	2ACSR	0	0	740	272	14	0	1	0.00	2.53	0
CO9959+	CO9994	8.53	1 1-	6ACWC	0	0	767	276	2	0	0	0.00	2.52	0
CO9995+	CO9995	7.92	132 3-	1/0ACSR	1046	984	833	285	602	13	6	0.00	2.51	0
CO10066+	CO9995	7.95	132 3-	1/0ACSR	1044	981	831	285	602	13	6	0.00	2.51	3
CO10067+	CO10066	8.06	130 3-	1/0ACSR	1034	972	823	284	601	13	6	0.01	2.52	12
CO9960+	CO10067	8.20	0 1-	4ACSR	0	0	806	282	0	0	0	0.00	2.52	0
OC-1979133932+	CO9960	8.20	0 1-	20 N FUSE	0	0	806	282	0	0	0	0.00	2.52	0
CO10070+	CO10067	8.14	130 3-	1/0ACSR	1027	966	816	284	601	13	6	0.01	2.53	9
CO10071+	CO10070	8.21	129 3-	1/0ACSR	1021	960	811	283	600	13	6	0.01	2.54	8
CO9961+	CO10071	8.32	0 1-	4ACSR	0	0	799	282	0	0	0	0.00	2.54	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-46274576+	CO9961	8.32	0 1-	20 N FUSE	0	0	799	282	0	0	0	0.00	2.54	0
CO10072+	CO10071	8.31	128 3-	1/0ACSR	1013	952	803	282	600	13	6	0.01	2.55	11
CO10073+	CO10072	8.44	128 3-	1/0ACSR	1002	943	794	281	600	13	6	0.01	2.57	13
CO10074+	CO10073	8.58	126 3-	1/0ACSR	991	932	784	280	584	13	6	0.02	2.58	15
CO1439935318+	CO10074	8.67	122 3-	2ACSR	982	924	776	279	577	13	7	0.02	2.60	15
CO2011972079+	CO1439935318	8.76	2 1-	2ACSR	0	0	769	278	8	0	0	0.00	2.60	0
CO1850275706+	CO2011972079	8.82	2 1-	2ACSR	0	0	764	278	8	0	0	0.00	2.60	0
CO1645223413+	CO1439935318	8.77	119 3-	2ACSR	972	915	768	278	568	13	7	0.02	2.61	15
CO9998+	CO1645223413	8.82	118 3-	1/0ACSR	969	912	765	278	561	12	6	0.01	2.62	4
CO9999+	CO9998	8.84	118 3-	1/0ACSR	967	910	763	278	561	12	6	0.00	2.62	2
CO9942+	CO9999	9.02	115 3-	1/0ACSR	953	897	751	276	534	12	5	0.02	2.64	15
CO10042+	CO9942	9.07	3 1-	4ACSR	0	0	746	276	12	0	1	0.00	2.64	0
OC-1585436525+	CO10042	9.07	2 1-	20 N FUSE	0	0	746	276	5	0	2	0.00	2.64	0
CO10043+	OC-1585436525	9.12	2 1-	4ACSR	0	0	742	275	5	0	0	0.00	2.64	0
CO10044+	CO10043	9.31	2 1-	4ACSR	0	0	724	272	5	0	0	0.00	2.64	0
CO9986+	CO9942	9.06	1 1-	4ACSR	0	0	747	276	1	0	0	0.00	2.64	0
OC1854674688+	CO9986	9.06	0 1-	20 N FUSE	0	0	747	276	0	0	0	0.00	2.64	0
CO10075+	CO9942	9.05	110 3-	1/0ACSR	951	896	749	276	516	11	5	0.00	2.64	0
CO17022+	CO10075	9.10	109 3-	1/0ACSR	947	892	746	276	504	11	5	0.01	2.65	4
CO10260+	CO17022	9.12	108 3-	1/0ACSR	946	891	745	276	499	11	5	0.00	2.65	0
CO10261+	CO10260	9.14	107 3-	1/0ACSR	945	889	744	275	483	11	5	0.00	2.65	0
CO10262+	CO10261	9.17	106 3-	1/0ACSR	942	887	741	275	471	10	5	0.00	2.65	2
CO10263+	CO10262	9.32	105 3-	1/0ACSR	932	877	732	274	464	10	5	0.01	2.67	9
CO10147+	CO10263	9.37	104 3-	1/0ACSR	928	874	729	274	463	10	5	0.00	2.67	3
CO10265+	CO10147	9.44	101 3-	1/0ACSR	923	869	724	273	451	10	4	0.01	2.68	5
CO10266+	CO10265	9.68	100 3-	1/0ACSR	906	854	710	271	450	10	4	0.02	2.70	14
CO101086779+	CO10266	9.77	100 3-	1/0ACSR	900	848	705	271	450	10	4	0.01	2.71	6
CO-534389340+	CO101086779	9.82	99 3-	1/0ACSR	897	845	702	270	447	10	4	0.00	2.71	3
CO10300+	CO-534389340	9.83	5 1-	6ACWC	0	0	702	270	17	1	1	0.00	2.71	0
OC279+	CO10300	9.83	5 1-	10 N FUSE	0	0	702	270	17	1	11	0.00	2.71	0
CO10301+	OC279	9.90	5 1-	6ACWC	0	0	695	269	17	1	1	0.00	2.71	0
CO10264+	CO10301	9.95	5 1-	6ACWC	0	0	691	268	17	1	1	0.00	2.72	0
CO10280+	CO10264	10.31	4 1-	6ACWC	0	0	662	263	16	1	1	0.01	2.72	0
CO10281+	CO10280	10.42	4 1-	6ACWC	0	0	654	262	16	1	1	0.00	2.73	0
CO17026+	CO10281	10.66	4 1-	6ACWC	0	0	637	259	16	1	1	0.01	2.73	0
CO10666+	CO17026	10.70	4 1-	6ACWC	0	0	634	258	16	1	1	0.00	2.73	0
CO10667+	CO10666	10.85	2 1-	6ACWC	0	0	623	256	6	0	0	0.00	2.73	0
CO10664+	CO10667	10.89	2 1-	6ACWC	0	0	621	256	6	0	0	0.00	2.73	0
CO10621+	CO10664	10.96	1 1-	2ACSR	0	0	617	255	6	0	0	0.00	2.73	0
CO10622+	CO10621	11.04	1 1-	2ACSR	0	0	612	255	6	0	0	0.00	2.74	0
CO10627+	CO10622	11.13	1 1-	1/0PRIURD	0	0	609	419	6	0	0	0.00	2.74	0
CO10665+	CO10664	11.08	1 1-	6ACWC	0	0	608	253	0	0	0	0.00	2.73	0
CO10623+	CO10666	10.81	2 1-	2ACSR	0	0	628	257	11	0	0	0.00	2.73	0
CO10624+	CO10623	10.94	2 1-	2ACSR	0	0	621	256	11	0	0	0.00	2.74	0
CO10625+	CO10624	11.11	1 1-	2ACSR	0	0	611	255	4	0	0	0.00	2.74	0
CO10626+	CO10625	11.22	1 1-	2ACSR	0	0	605	254	4	0	0	0.00	2.74	0
CO10148+	CO-534389340	9.91	94 3-	1/0ACSR	891	839	697	270	430	9	4	0.01	2.72	5
CO10149+	CO10148	10.09	93 3-	1/0ACSR	879	829	687	268	428	9	4	0.01	2.73	9
CO10176+	CO10149	10.18	0 1-	4ACSR	0	0	679	267	0	0	0	0.00	2.73	0
OC254167615+	CO10176	10.18	0 1-	20 N FUSE	0	0	679	267	0	0	0	0.00	2.73	0
CO10150+	CO10149	10.35	92 3-	1/0ACSR	863	813	673	266	419	9	4	0.02	2.76	14
CO10151+	CO10150	10.49	92 3-	1/0ACSR	854	805	665	265	419	9	4	0.01	2.77	8

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10178+	CO10151	10.54	0 1-	4ACSR	0	0	662	265	0	0	0	0.00	2.77	0
OC583400006+	CO10178	10.54	0 1-	20 N FUSE	0	0	662	265	0	0	0	0.00	2.77	0
CO10152+	CO10151	10.53	92 3-	1/0ACSR	852	803	664	265	419	9	4	0.00	2.77	0
CO10259+	CO10152	10.62	90 3-	1/0ACSR	846	798	659	264	412	9	4	0.01	2.78	5
CO-2027190428+	CO10259	10.76	90 3-	2ACSR	836	789	650	263	412	9	5	0.02	2.80	11
CO-1428831184+	CO-2027190428	10.81	1 3-	2ACSR	833	786	648	263	7	0	0	0.00	2.80	0
OC1535610630+	CO-1428831184	10.81	0 3-	20 N FUSE	833	786	648	263	0	0	0	0.00	2.80	0
CO38253983+	CO-2027190428	10.84	89 3-	2ACSR	830	784	646	262	405	9	5	0.01	2.80	6
CO10278+	CO38253983	10.87	89 3-	1/0ACSR	829	782	644	262	405	9	4	0.00	2.81	0
CO10214+	CO10278	11.08	89 3-	1/0ACSR	817	771	634	261	405	9	4	0.02	2.82	10
CO10294+	CO10214	11.15	87 3-	1/0ACSR	813	767	631	260	396	9	4	0.01	2.83	3
CO10183+	CO10294	11.19	1 1-	2ACSR	0	0	628	260	8	0	0	0.00	2.83	0
OC1708491823+	CO10183	11.19	0 1-	20 N FUSE	0	0	628	260	0	0	0	0.00	2.83	0
CO10295+	CO10294	11.17	86 3-	1/0ACSR	812	766	630	260	388	8	4	0.00	2.83	0
CO10288+	CO10295	11.36	84 3-	1/0ACSR	802	757	621	259	382	8	4	0.01	2.84	8
CO10289+	CO10288	11.44	83 3-	1/0ACSR	798	753	618	258	372	8	4	0.01	2.85	3
CO10274+	CO10289	11.47	82 3-	1/0ACSR	796	751	617	258	369	8	4	0.00	2.85	0
CO10154+	CO10274	11.52	81 3-	1/0ACSR	793	749	614	258	369	8	4	0.00	2.86	0
CO10153+	CO10154	11.72	11 1-	6ACWC	0	0	601	255	58	3	3	0.02	2.87	0
OC-1928352186+	CO10153	11.72	11 1-	20 N FUSE	0	0	601	255	58	3	20	0.00	2.87	0
CO10239+	OC-1928352186	12.11	8 1-	6ACWC	0	0	578	250	44	3	2	0.03	2.90	0
CO10240+	CO10239	12.19	8 1-	6ACWC	0	0	573	249	44	3	2	0.01	2.91	0
CO10140+	CO10240	12.29	8 1-	6ACWC	0	0	567	248	44	3	2	0.01	2.91	0
CO10257+	CO10140	12.47	6 1-	6ACWC	0	0	557	246	33	2	2	0.01	2.92	0
CO10258+	CO10257	12.50	5 1-	6ACWC	0	0	555	246	25	1	1	0.00	2.92	0
CO10169+	CO10258	12.55	1 1-	4ACSR	0	0	552	245	13	0	1	0.00	2.92	0
CO10145+	CO10258	12.55	4 1-	4ACSR	0	0	552	245	12	0	1	0.00	2.92	0
CO10158+	CO10145	12.65	0 1-	4ACSR	0	0	547	244	0	0	0	0.00	2.92	0
CO10282+	CO10145	12.61	4 1-	6ACWC	0	0	549	244	12	0	1	0.00	2.92	0
CO10283+	CO10282	12.74	3 1-	6ACWC	0	0	542	243	10	0	0	0.00	2.93	0
CO10226+	CO10283	12.79	2 1-	6ACWC	0	0	540	242	7	0	0	0.00	2.93	0
CO10157+	CO10140	12.48	0 1-	4ACSR	0	0	556	246	0	0	0	0.00	2.91	0
CO10156+	CO10140	12.34	1 1-	4ACSR	0	0	564	247	7	0	0	0.00	2.91	0
CO10155+	CO10240	12.25	0 1-	4ACSR	0	0	569	248	0	0	0	0.00	2.91	0
CO10218+	OC-1928352186	11.85	3 1-	6ACWC	0	0	593	253	13	0	1	0.00	2.88	0
CO10275+	CO10218	11.91	3 1-	6ACWC	0	0	590	253	13	0	1	0.00	2.88	0
CO10276+	CO10275	12.08	2 1-	6ACWC	0	0	579	251	6	0	0	0.00	2.88	0
CO10219+	CO10276	12.17	2 1-	6ACWC	0	0	574	249	6	0	0	0.00	2.88	0
CO10237+	CO10219	12.30	0 1-	6ACWC	0	0	567	248	0	0	0	0.00	2.88	0
CO10238+	CO10237	12.34	0 1-	6ACWC	0	0	564	247	0	0	0	0.00	2.88	0
CO10215+	CO10219	12.49	2 1-	6ACWC	0	0	556	246	6	0	0	0.00	2.88	0
CO10216+	CO10215	12.59	2 1-	6ACWC	0	0	550	245	6	0	0	0.00	2.88	0
CO10217+	CO10216	12.66	2 1-	6ACWC	0	0	547	244	6	0	0	0.00	2.88	0
CO-215609987+	CO10217	12.84	1 1-	2ACSR	0	0	539	242	1	0	0	0.00	2.88	0
CO10269+	CO10154	11.55	69 3-	1/0ACSR	791	747	613	257	303	6	3	0.00	2.86	0
CO10270+	CO10269	11.62	68 3-	1/0ACSR	788	744	610	257	291	6	3	0.00	2.86	0
CO10271+	CO10270	11.71	67 3-	1/0ACSR	783	740	606	256	284	6	3	0.01	2.87	2
CO10179+	CO10271	11.74	1 1-	4ACSR	0	0	604	256	4	0	0	0.00	2.87	0
OC-2096526938+	CO10179	11.74	0 1-	20 N FUSE	0	0	604	256	0	0	0	0.00	2.87	0
CO10272+	CO10271	11.79	66 3-	1/0ACSR	779	736	602	256	280	6	3	0.00	2.87	0
CO10273+	CO10272	11.98	63 3-	1/0ACSR	770	727	595	255	274	6	3	0.01	2.88	4
CO10305+	CO10273	12.03	57 3-	1/0ACSR	767	725	592	254	252	5	3	0.00	2.88	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17012+	CO10305	12.16	56 3-	1/0ACSR	761	719	587	253	245	5	2	0.01	2.89	2
CO9840+	CO17012	12.28	43 3-	1/0ACSR	755	714	583	253	210	4	2	0.00	2.89	0
CO9841+	CO9840	12.40	42 3-	1/0ACSR	750	708	578	252	210	4	2	0.00	2.90	0
CO9837+	CO9841	12.46	41 3-	1/0ACSR	747	706	575	251	203	4	2	0.00	2.90	0
CO9838+	CO9837	12.47	40 3-	1/0ACSR	746	705	575	251	201	4	2	0.00	2.90	0
CO9839+	CO9838	12.48	40 3-	1/0ACSR	746	705	575	251	201	4	2	0.00	2.90	0
CO9833+	CO9839	12.53	36 3-	1/0ACSR	744	702	573	251	180	4	2	0.00	2.90	0
CO9834+	CO9833	12.67	35 3-	1/0ACSR	737	696	567	250	178	4	2	0.00	2.91	0
CO9705+	CO9834	12.74	33 3-	1/0ACSR	734	693	565	250	166	3	2	0.00	2.91	0
CO9828+	CO9705	12.84	29 3-	1/0ACSR	730	689	561	249	140	3	1	0.00	2.91	0
CO9829+	CO9828	12.88	26 3-	1/0ACSR	728	688	559	249	129	2	1	0.00	2.92	0
CO9706+	CO9829	13.07	24 3-	1/0ACSR	719	680	553	247	123	2	1	0.00	2.92	0
CO9708+	CO9706	13.14	21 3-	1/0ACSR	716	677	550	247	116	2	1	0.00	2.92	0
CO9826+	CO9708	13.24	2 1-	4ACSR	0	0	545	246	23	1	1	0.00	2.92	0
OC761713813+	CO9826	13.24	1 1-	20 N FUSE	0	0	545	246	8	0	3	0.00	2.92	0
CO9827+	OC761713813	13.28	1 1-	4ACSR	0	0	543	245	8	0	0	0.00	2.92	0
CO9709+	CO9708	13.23	18 3-	1/0ACSR	713	674	547	246	91	2	1	0.00	2.92	0
CO9747+	CO9709	13.28	1 1-	4ACSR	0	0	544	246	4	0	0	0.00	2.92	0
OC-1470389222+	CO9747	13.28	0 1-	20 N FUSE	0	0	544	246	0	0	0	0.00	2.92	0
CO9823+	CO9709	13.36	2 1-	4ACSR	0	0	540	245	13	0	1	0.00	2.93	0
OC1694431084+	CO9823	13.36	1 1-	20 N FUSE	0	0	540	245	6	0	2	0.00	2.93	0
CO9824+	OC1694431084	13.39	1 1-	4ACSR	0	0	538	244	6	0	0	0.00	2.93	0
CO9825+	CO9824	13.43	1 1-	4ACSR	0	0	537	244	6	0	0	0.00	2.93	0
CO9821+	CO9709	13.28	15 3-	1/0ACSR	710	671	545	246	73	1	1	0.00	2.92	0
CO9822+	CO9821	13.37	13 3-	1/0ACSR	707	668	542	246	62	1	1	0.00	2.92	0
CO9695+	CO9822	13.46	3 3-	1/0ACSR	703	664	539	245	10	0	0	0.00	2.93	0
CO9715+	CO9695	13.51	1 1-	4ACSR	0	0	536	244	9	0	0	0.00	2.93	0
OC-501691697+	CO9715	13.51	0 1-	20 N FUSE	0	0	536	244	0	0	0	0.00	2.93	0
CO9696+	CO9695	13.49	0 3-	1/0ACSR	702	663	538	245	0	0	0	0.00	2.93	0
CO9936+	CO9696	13.49	0 3-	1/0ACSR	701	663	538	245	0	0	0	0.00	2.93	0
SW268-A+	CO9936	13.49	0 3-	Open	701	663	538	245	0	0	0	0.00	2.93	0
CO9817+	CO9822	13.42	9 1-	4ACSR	0	0	540	245	45	3	2	0.00	2.93	0
OC-979634823+	CO9817	13.42	8 1-	20 N FUSE	0	0	540	245	43	2	15	0.00	2.93	0
CO9818+	OC-979634823	13.44	8 1-	4ACSR	0	0	538	245	43	2	2	0.00	2.93	0
CO9748+	CO9818	13.50	2 1-	4ACSR	0	0	536	244	13	0	1	0.00	2.93	0
CO9819+	CO9818	13.51	4 1-	4ACSR	0	0	535	244	20	1	1	0.00	2.93	0
CO9820+	CO9819	13.54	1 1-	4ACSR	0	0	533	244	4	0	0	0.00	2.93	0
CO9761+	CO9819	13.57	1 1-	2ACSR	0	0	533	243	4	0	0	0.00	2.93	0
CO9746+	CO9708	13.19	1 1-	4ACSR	0	0	548	246	2	0	0	0.00	2.92	0
OC1844020397+	CO9746	13.19	0 1-	20 N FUSE	0	0	548	246	0	0	0	0.00	2.92	0
CO9707+	CO9706	13.13	3 1-	4ACSR	0	0	549	247	7	0	0	0.00	2.92	0
OC-2079146990+	CO9707	13.13	2 1-	20 N FUSE	0	0	549	247	4	0	1	0.00	2.92	0
CO9745+	OC-2079146990	13.27	1 1-	4ACSR	0	0	542	245	4	0	0	0.00	2.92	0
CO9744+	OC-2079146990	13.18	1 1-	4ACSR	0	0	547	246	0	0	0	0.00	2.92	0
CO9743+	CO9829	13.00	1 1-	4ACSR	0	0	553	247	3	0	0	0.00	2.92	0
OC-1180009613+	CO9743	13.00	0 1-	20 N FUSE	0	0	553	247	0	0	0	0.00	2.92	0
CO9742+	CO9829	13.12	1 1-	4ACSR	0	0	546	246	3	0	0	0.00	2.92	0
OC323215689+	CO9742	13.12	0 1-	20 N FUSE	0	0	546	246	0	0	0	0.00	2.92	0
CO9741+	CO9705	12.91	0 1-	4ACSR	0	0	555	248	0	0	0	0.00	2.91	0
OC-1907031928+	CO9741	12.91	0 1-	20 N FUSE	0	0	555	248	0	0	0	0.00	2.91	0
CO9740+	CO9705	12.76	3 1-	4ACSR	0	0	563	249	24	1	1	0.00	2.91	0
OC-890105848+	CO9740	12.76	0 1-	20 N FUSE	0	0	563	249	0	0	0	0.00	2.91	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9830+	CO9834	12.80	2 1-	4ACSR	0	0	560	248	12	0	1	0.00	2.91	0
OC-16123003+	CO9830	12.80	2 1-	20 N FUSE	0	0	560	248	12	0	4	0.00	2.91	0
CO9831+	OC-16123003	12.86	2 1-	4ACSR	0	0	557	248	12	0	1	0.00	2.91	0
CO9832+	CO9831	12.92	1 1-	4ACSR	0	0	553	247	3	0	0	0.00	2.91	0
CO9835+	CO9839	12.55	4 1-	4ACSR	0	0	570	250	21	1	1	0.00	2.90	0
OC858988576+	CO9835	12.55	3 1-	20 N FUSE	0	0	570	250	10	0	3	0.00	2.90	0
CO9836+	OC858988576	12.64	3 1-	4ACSR	0	0	565	249	10	0	0	0.00	2.91	0
CO9739+	CO9836	12.74	2 1-	4ACSR	0	0	560	248	7	0	0	0.00	2.91	0
CO9738+	CO9836	12.69	1 1-	4ACSR	0	0	562	249	3	0	0	0.00	2.91	0
CO9842+	CO17012	12.18	12 1-	6ACWC	0	0	586	253	27	1	1	0.00	2.89	0
CO9843+	CO9842	12.19	11 1-	6ACWC	0	0	585	253	26	1	1	0.00	2.89	0
CO9933+	CO9843	12.20	11 1-	6ACWC	0	0	585	253	26	1	1	0.00	2.89	0
OC263+	CO9933	12.20	11 1-	35 E OCR	0	0	585	253	26	1	5	0.00	2.89	0
CO9934+	OC263	12.42	11 1-	6ACWC	0	0	572	250	26	1	1	0.01	2.90	0
CO9733+	CO9934	12.48	1 1-	4ACSR	0	0	568	249	0	0	0	0.00	2.90	0
CO9844+	CO9934	12.61	9 1-	6ACWC	0	0	561	248	23	1	1	0.01	2.91	0
AU-606240562	CO9844	12.61	8 1-	333 KVA 1PH AUT	0	0	649	161	23	1	7	0.05	2.96	0
CO9845	AU-606240562	12.66	8 1-	6ACWC	0	0	644	160	23	3	2	0.01	2.96	0
CO9846	CO9845	12.77	8 1-	6ACWC	0	0	630	159	23	3	2	0.02	2.98	0
CO9847	CO9846	12.89	8 1-	6ACWC	0	0	616	158	23	3	2	0.02	2.99	0
CO9850	CO9847	12.97	6 1-	6ACWC	0	0	606	157	13	1	1	0.01	3.00	0
OC905634654	CO9850	12.97	5 1-	20 N FUSE	0	0	606	157	13	1	9	0.00	3.00	0
CO9851	OC905634654	13.00	5 1-	6ACWC	0	0	604	157	13	1	1	0.00	3.00	0
CO9852	CO9851	13.29	4 1-	6ACWC	0	0	571	154	8	1	1	0.02	3.02	0
CO9853	CO9852	13.73	4 1-	6ACWC	0	0	528	151	8	1	1	0.02	3.03	0
CO9854	CO9853	14.05	2 1-	6ACWC	0	0	499	148	3	0	0	0.01	3.04	0
CO9704	CO9854	14.27	1 1-	6ACWC	0	0	482	146	0	0	0	0.00	3.04	0
CO9736	CO9704	14.60	0 1-	6ACWC	0	0	456	143	0	0	0	0.00	3.04	0
CO9735	CO9704	14.31	1 1-	6ACWC	0	0	478	146	0	0	0	0.00	3.04	0
CO9855	CO9854	14.13	1 1-	6ACWC	0	0	493	147	3	0	0	0.00	3.04	0
CO9856	CO9855	14.31	1 1-	6ACWC	0	0	478	146	3	0	0	0.00	3.04	0
CO9857	CO9856	14.41	0 1-	6ACWC	0	0	470	145	0	0	0	0.00	3.04	0
CO9858	CO9857	14.50	0 1-	6ACWC	0	0	464	144	0	0	0	0.00	3.04	0
CO9859	CO9858	14.64	0 1-	6ACWC	0	0	453	143	0	0	0	0.00	3.04	0
CO9737	CO9859	14.69	0 1-	6ACWC	0	0	450	143	0	0	0	0.00	3.04	0
CO9860	CO9859	14.81	0 1-	6ACWC	0	0	441	142	0	0	0	0.00	3.04	0
CO9861	CO9860	15.02	0 1-	6ACWC	0	0	427	140	0	0	0	0.00	3.04	0
CO9734	CO9851	13.05	1 1-	4ACSR	0	0	598	157	5	0	0	0.00	3.00	0
CO9848	CO9847	12.93	2 1-	6ACWC	0	0	612	158	10	1	1	0.00	3.00	0
CO9849	CO9848	13.03	1 1-	6ACWC	0	0	599	157	10	1	1	0.00	3.00	0
CO10296+	CO10273	11.98	5 1-	6ACWC	0	0	594	255	13	0	1	0.00	2.88	0
OC277+	CO10296	11.98	5 1-	10 N FUSE	0	0	594	255	13	0	9	0.00	2.88	0
CO10297+	OC277	12.14	5 1-	6ACWC	0	0	585	253	13	0	1	0.00	2.88	0
CO10180+	CO10297	12.20	0 1-	4ACSR	0	0	581	252	0	0	0	0.00	2.88	0
CO10267+	CO10297	12.19	5 1-	6ACWC	0	0	582	252	13	0	1	0.00	2.89	0
CO10268+	CO10267	12.40	2 1-	6ACWC	0	0	569	249	12	0	1	0.00	2.89	0
CO10185+	CO10268	12.71	2 1-	6ACWC	0	0	552	246	12	0	1	0.01	2.89	0
CO10186+	CO10185	12.80	1 1-	6ACWC	0	0	547	245	10	0	0	0.00	2.90	0
CO10187+	CO10186	13.23	1 1-	6ACWC	0	0	525	240	10	0	0	0.01	2.90	0
CO10188+	CO10187	13.25	1 1-	6ACWC	0	0	524	239	10	0	0	0.00	2.90	0
CO10255+	CO10188	13.58	1 1-	6ACWC	0	0	508	236	10	0	0	0.00	2.91	0
CO10256+	CO10255	13.63	0 1-	6ACWC	0	0	506	235	0	0	0	0.00	2.91	0

Substation Power Factor: 0.98

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10189+	CO10256	13.70	0 1-	6ACWC	0	0	503	234	0	0	0	0.00	2.91	0
CO10181+	CO10274	11.53	0 1-	4ACSR	0	0	612	257	0	0	0	0.00	2.85	0
OC994165229+	CO10181	11.53	0 1-	20 N FUSE	0	0	612	257	0	0	0	0.00	2.85	0
CO1445891027+	OC994165229	11.58	0 1-	2ACSR	0	0	610	257	0	0	0	0.00	2.85	0
CO10210+	CO10152	11.09	2 1-	6ACWC	0	0	623	258	7	0	0	0.01	2.78	0
OC1561709646+	CO10210	11.09	2 1-	20 N FUSE	0	0	623	258	7	0	2	0.00	2.78	0
CO10211+	OC1561709646	11.24	2 1-	6ACWC	0	0	613	256	7	0	0	0.00	2.78	0
CO10212+	CO10211	11.39	2 1-	6ACWC	0	0	603	254	7	0	0	0.00	2.78	0
CO10213+	CO10212	11.46	1 1-	6ACWC	0	0	598	253	2	0	0	0.00	2.78	0
CO10177+	CO10150	10.69	0 1-	4ACSR	0	0	647	262	0	0	0	0.00	2.76	0
OC1406938388+	CO10177	10.69	0 1-	20 N FUSE	0	0	647	262	0	0	0	0.00	2.76	0
CO10235+	CO10148	10.03	1 1-	4ACSR	0	0	687	268	3	0	0	0.00	2.72	0
OC-535427899+	CO10235	10.03	1 1-	20 N FUSE	0	0	687	268	3	0	1	0.00	2.72	0
CO10236+	OC-535427899	10.08	1 1-	4ACSR	0	0	683	267	3	0	0	0.00	2.72	0
CO-1228874108+	CO101086779	9.79	1 1-	2ACSR	0	0	704	271	3	0	0	0.00	2.71	0
OC1718848821+	CO-1228874108	9.79	0 1-	20 N FUSE	0	0	704	271	0	0	0	0.00	2.71	0
CO10298+	CO10147	9.38	2 1-	4ACSR	0	0	728	274	4	0	0	0.00	2.67	0
OC278+	CO10298	9.38	2 1-	10 N FUSE	0	0	728	274	4	0	3	0.00	2.67	0
CO10299+	OC278	9.43	2 1-	4ACSR	0	0	723	273	4	0	0	0.00	2.67	0
CO10279+	CO10299	9.48	2 1-	4ACSR	0	0	719	272	4	0	0	0.00	2.67	0
CO17027+	CO10279	10.09	1 1-	4ACSR	0	0	668	263	0	0	0	0.00	2.67	0
CO10587+	CO17027	10.17	1 1-	4ACSR	0	0	661	262	0	0	0	0.00	2.67	0
CO10588+	CO10587	10.24	1 1-	4ACSR	0	0	656	261	0	0	0	0.00	2.67	0
CO10589+	CO10588	10.32	1 1-	4ACSR	0	0	650	260	0	0	0	0.00	2.67	0
CO10590+	CO10589	10.38	1 1-	4ACSR	0	0	645	260	0	0	0	0.00	2.67	0
CO10654+	CO10590	10.54	1 1-	4ACSR	0	0	634	257	0	0	0	0.00	2.67	0
CO10655+	CO10654	10.55	0 1-	4ACSR	0	0	633	257	0	0	0	0.00	2.67	0
CO10566+	CO10655	10.61	0 1-	4ACSR	0	0	629	257	0	0	0	0.00	2.67	0
CO10175+	CO10263	9.36	1 1-	4ACSR	0	0	728	273	1	0	0	0.00	2.67	0
OC-161082205+	CO10175	9.36	0 1-	20 N FUSE	0	0	728	273	0	0	0	0.00	2.67	0
CO10174+	CO10263	9.42	0 1-	4ACSR	0	0	723	273	0	0	0	0.00	2.67	0
CO10173+	CO10260	9.16	1 1-	4ACSR	0	0	740	275	16	1	1	0.00	2.65	0
OC-1774194199+	CO10173	9.16	0 1-	20 N FUSE	0	0	740	275	0	0	0	0.00	2.65	0
CO9965+	CO9999	8.93	1 1-	4ACSR	0	0	754	276	11	0	1	0.00	2.62	0
OC1187803766+	CO9965	8.93	0 1-	20 N FUSE	0	0	754	276	0	0	0	0.00	2.62	0
CO9964+	CO9999	8.92	1 1-	4ACSR	0	0	755	277	6	0	0	0.00	2.62	0
OC-399917412+	CO9964	8.92	0 1-	20 N FUSE	0	0	755	277	0	0	0	0.00	2.62	0
CO9963+	CO9999	8.89	1 1-	4ACSR	0	0	758	277	9	0	0	0.00	2.62	0
OC93640448+	CO9963	8.89	0 1-	20 N FUSE	0	0	758	277	0	0	0	0.00	2.62	0
CO9962+	CO1645223413	8.80	1 1-	4ACSR	0	0	764	278	7	0	0	0.00	2.61	0
OC-1014994031+	CO9962	8.80	0 1-	20 N FUSE	0	0	764	278	0	0	0	0.00	2.61	0
CO9940+	CO10074	8.64	4 1-	4ACSR	0	0	778	279	7	0	0	0.00	2.58	0
OC1013284387+	CO9940	8.64	4 1-	20 N FUSE	0	0	778	279	7	0	2	0.00	2.58	0
CO10126+	OC1013284387	8.65	4 1-	4ACSR	0	0	777	279	7	0	0	0.00	2.58	0
CO10127+	CO10126	8.71	2 1-	4ACSR	0	0	770	278	3	0	0	0.00	2.58	0
CO9996+	OC1013284387	8.71	0 1-	4ACSR	0	0	770	278	0	0	0	0.00	2.58	0
CO9997+	CO9996	8.93	0 1-	4ACSR	0	0	749	275	0	0	0	0.00	2.58	0
CO10125+	CO9997	8.94	0 1-	4ACSR	0	0	748	275	0	0	0	0.00	2.58	0
CO17018+	CO10125	9.28	0 1-	4ACSR	0	0	715	270	0	0	0	0.00	2.58	0
CO10425+	CO17018	9.57	0 1-	4ACSR	0	0	691	266	0	0	0	0.00	2.58	0
CO10426+	CO10425	9.78	0 1-	4ACSR	0	0	673	263	0	0	0	0.00	2.58	0
CO10040+	CO9939	7.41	1 1-	4ACSR	0	0	875	289	2	0	0	0.00	2.44	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-524894970+	CO10040	7.41	1 1-	20 N FUSE	0	0	875	289	2	0	1	0.00	2.44	0
CO10041+	OC-524894970	7.46	1 1-	4ACSR	0	0	868	288	2	0	0	0.00	2.44	0
CO9958+	CO9938	7.29	1 1-	4ACSR	0	0	885	290	0	0	0	0.00	2.42	0
OC497478817+	CO9958	7.29	0 1-	20 N FUSE	0	0	885	290	0	0	0	0.00	2.42	0
CO10133+	CO10086	6.68	3 1-	4ACSR	0	0	946	296	25	1	1	0.00	2.33	0
OC269+	CO10133	6.68	3 1-	10 N FUSE	0	0	946	296	25	1	17	0.00	2.33	0
CO10134+	OC269	7.03	3 1-	4ACSR	0	0	897	290	25	1	1	0.01	2.35	0
CO9950+	CO10134	7.12	2 1-	4ACSR	0	0	884	288	11	0	1	0.00	2.35	0
CO9973+	CO9950	7.19	1 1-	4ACSR	0	0	875	287	7	0	0	0.00	2.35	0
CO9972+	CO9950	7.17	1 1-	4ACSR	0	0	877	288	4	0	0	0.00	2.35	0
CO9971+	CO10134	7.24	1 1-	4ACSR	0	0	868	287	13	0	1	0.00	2.35	0
CO9983+	CO10134	7.15	0 1-	4ACSR	0	0	880	288	0	0	0	0.00	2.35	0
CO10410+	CO10466	6.56	2 1-	4ACSR	0	0	954	296	5	0	0	0.00	2.30	0
OC1650692425+	CO10410	6.56	2 1-	20 N FUSE	0	0	954	296	5	0	2	0.00	2.30	0
CO10411+	OC1650692425	6.61	2 1-	4ACSR	0	0	947	295	5	0	0	0.00	2.30	0
CO10504+	CO10399	5.95	1 3-	2ACSR	1256	1179	1028	302	0	0	0	0.00	2.22	0
CO10503+	CO10504	5.99	1 3-	2ACSR	1249	1173	1022	302	0	0	0	0.00	2.22	0
CO10395+	CO10503	6.59	1 3-	2ACSR	1165	1097	944	294	0	0	0	0.00	2.22	0
CO10396+	CO10399	5.95	1 3-	2ACSR	1256	1179	1028	302	247	5	3	0.00	2.22	0
CO10397+	CO10396	6.12	1 3-	2ACSR	1231	1156	1004	300	247	5	3	0.01	2.23	5
CO10528+	CO10397	6.21	1 3-	2ACSR	1217	1144	992	299	247	5	3	0.01	2.24	3
CO10457+	CO10528	6.29	1 3-	2ACSR	1206	1133	981	298	247	5	3	0.01	2.24	2
CO10458+	CO10457	6.34	0 3-	2ACSR	1199	1127	974	297	0	0	0	0.00	2.24	0
380217016+	CO10457	6.29	1 3-	Consumer	1206	1133	981	298	247	5	0	0.00	2.24	0
CO10385+	CO10384	6.06	2 1-	4ACSR	0	0	1004	299	2	0	0	0.00	2.20	0
OC2046603207+	CO10385	6.06	2 1-	20 N FUSE	0	0	1004	299	2	0	1	0.00	2.20	0
CO10386+	OC2046603207	6.15	2 1-	4ACSR	0	0	989	298	2	0	0	0.00	2.20	0
CO10486+	CO10386	6.21	2 1-	4ACSR	0	0	978	297	2	0	0	0.00	2.20	0
CO10487+	CO10486	6.61	2 1-	4ACSR	0	0	918	290	2	0	0	0.00	2.20	0
CO10387+	CO10487	6.89	0 1-	4ACSR	0	0	878	286	0	0	0	0.00	2.20	0
CO10388+	CO10387	7.24	0 1-	4ACSR	0	0	834	280	0	0	0	0.00	2.20	0
CO10389+	CO10388	7.52	0 1-	4ACSR	0	0	800	276	0	0	0	0.00	2.20	0
CO17034+	CO10389	7.85	0 1-	4ACSR	0	0	764	271	0	0	0	0.00	2.20	0
CO10526+	CO10487	7.12	1 1-	4ACSR	0	0	848	282	0	0	0	0.00	2.20	0
CO10347+	CO10472	5.18	1 1-	1/0ACSR	0	0	1131	309	0	0	0	0.00	2.05	0
OC-1178304523+	CO10347	5.18	0 1-	20 N FUSE	0	0	1131	309	0	0	0	0.00	2.05	0
CO10495+	CO10317	4.15	5 1-	1/0ACSR	0	0	1301	319	15	1	0	0.00	1.83	0
OC284+	CO10495	4.15	5 1-	10 N FUSE	0	0	1301	319	15	1	10	0.00	1.83	0
CO10496+	OC284	4.20	5 1-	1/0ACSR	0	0	1292	318	15	1	0	0.00	1.83	0
CO10341+	CO10496	4.29	1 1-	1/0ACSR	0	0	1275	317	5	0	0	0.00	1.83	0
CO10340+	CO10496	4.35	1 1-	1/0ACSR	0	0	1265	317	0	0	0	0.00	1.83	0
CO10316+	CO10371	4.14	306 3-	1/0ACSR	1530	1445	1303	319	1310	29	13	0.05	1.84	92
CO10508+	CO10316	4.28	302 3-	2ACSR	1500	1413	1273	317	1300	29	16	0.05	1.89	114
CO10509+	CO10508	4.41	302 3-	2ACSR	1474	1385	1246	315	1300	29	16	0.05	1.94	102
CO10404+	CO10509	4.43	298 3-	1/0ACSR	1471	1384	1243	315	1286	29	13	0.00	1.94	9
CO10475+	CO10404	4.48	298 3-	1/0ACSR	1463	1376	1234	314	1286	29	13	0.01	1.96	24
CO10476+	CO10475	4.64	297 3-	1/0ACSR	1436	1350	1206	313	1283	29	13	0.04	2.00	81
CO10405+	CO10476	4.79	297 3-	1/0ACSR	1412	1328	1183	312	1282	29	13	0.04	2.04	73
CO10529+	CO10405	4.79	297 3-	750 MCM - 42 Wi	1412	1327	1182	312	1282	29	3	0.00	2.04	0
OC291+	CO10529	4.79	294 3-	100 4E OCR	1412	1327	1182	312	1274	29	29	0.00	2.04	0
CO10502+	OC291	4.87	294 3-	1/0ACSR	1401	1317	1171	311	1274	29	13	0.02	2.05	35
CO10349+	CO10502	4.96	1 1-	4ACSR	0	0	1150	309	9	0	0	0.00	2.05	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC2036417015+	CO10349	4.96	0 1-	20 N FUSE	0	0	1150	309	0	0	0	0.00	2.05	0
CO10322+	CO10502	4.96	293 3-	1/0ACSR	1386	1303	1156	310	1265	28	13	0.02	2.08	45
CO10390+	CO10322	4.98	3 1-	6ACWC	0	0	1151	310	9	0	0	0.00	2.08	0
OC-250807448+	CO10390	4.98	3 1-	20 N FUSE	0	0	1151	310	9	0	3	0.00	2.08	0
CO10473+	OC-250807448	5.12	3 1-	6ACWC	0	0	1123	307	9	0	0	0.00	2.08	0
CO10474+	CO10473	5.27	2 1-	6ACWC	0	0	1093	305	7	0	0	0.00	2.08	0
CO10391+	CO10474	5.48	2 1-	6ACWC	0	0	1052	301	7	0	0	0.00	2.08	0
CO10350+	CO10322	5.01	1 1-	4ACSR	0	0	1146	309	10	0	0	0.00	2.08	0
OC1840461458+	CO10350	5.01	0 1-	20 N FUSE	0	0	1146	309	0	0	0	0.00	2.08	0
CO10323+	CO10322	5.07	289 3-	1/0ACSR	1370	1288	1140	309	1246	28	12	0.03	2.10	50
CO10325+	CO10323	5.11	50 1-	6ACWC	0	0	1132	308	214	14	11	0.01	2.12	4
CO10492+	CO10325	5.11	50 1-	6ACWC	0	0	1131	308	214	14	11	0.00	2.12	0
OC282+	CO10492	5.11	50 1-	35 H OCR	0	0	1131	308	214	14	42	0.00	2.12	0
CO10493+	OC282	5.15	50 1-	6ACWC	0	0	1124	308	214	14	11	0.01	2.13	4
XFMR58	CO10493	5.15	49 1-	333 KVA 1PH AUT	0	0	882	171	214	14	64	0.49	2.62	0
CO10477	XFMR58	5.25	49 1-	6ACWC	0	0	862	170	214	29	21	0.13	2.75	46
CO10392	CO10477	5.32	47 1-	6ACWC	0	0	849	169	209	28	21	0.09	2.84	31
CO10352	CO10392	5.44	0 1-	4ACSR	0	0	826	168	0	0	0	0.00	2.84	0
CO10478	CO10392	5.40	47 1-	6ACWC	0	0	832	168	209	28	21	0.11	2.95	36
CO10479	CO10478	5.54	46 1-	6ACWC	0	0	808	167	203	27	20	0.16	3.11	52
CO10480	CO10479	5.61	45 1-	6ACWC	0	0	794	166	191	26	19	0.09	3.19	27
CO17020	CO10480	5.69	36 1-	6ACWC	0	0	779	165	159	21	16	0.08	3.27	20
CO10101	CO17020	5.78	35 1-	6ACWC	0	0	765	164	154	21	15	0.07	3.35	18
CO10099	CO10101	5.88	18 1-	6ACWC	0	0	747	163	87	11	9	0.06	3.40	8
CO10100	CO10099	5.96	17 1-	6ACWC	0	0	733	162	83	11	8	0.04	3.45	6
CO10018	CO10100	6.06	16 1-	6ACWC	0	0	718	162	75	10	7	0.04	3.49	5
CO10019	CO10018	6.11	16 1-	6ACWC	0	0	711	161	75	10	7	0.02	3.51	3
CO9975	CO10019	6.16	2 1-	4ACSR	0	0	702	161	15	2	2	0.00	3.51	0
CO714025814	CO9975	6.20	1 1-	2ACSR	0	0	697	160	7	0	1	0.00	3.52	0
CO9974	CO10019	6.15	1 1-	4ACSR	0	0	704	161	2	0	0	0.00	3.51	0
CO10055	CO10019	6.22	13 1-	6ACWC	0	0	693	160	57	7	6	0.04	3.55	4
OC-702130228	CO10055	6.22	11 1-	20 N FUSE	0	0	693	160	56	7	39	0.00	3.55	0
CO17285	OC-702130228	6.33	9 1-	6ACWC	0	0	676	159	51	7	5	0.03	3.58	0
CO2918	CO17285	6.41	6 1-	6ACWC	0	0	665	158	31	4	3	0.02	3.59	0
CO2919	CO2918	6.47	5 1-	6ACWC	0	0	657	158	29	3	3	0.01	3.60	0
CO2920	CO2919	6.61	5 1-	6ACWC	0	0	638	156	29	3	3	0.02	3.63	0
CO2924	CO2920	6.94	2 1-	4ACSR	0	0	595	153	10	1	1	0.02	3.65	0
CO2925	CO2924	7.00	1 1-	4ACSR	0	0	589	153	10	1	1	0.00	3.65	0
CO2922	CO2920	6.89	2 1-	6ACWC	0	0	602	154	2	0	0	0.00	3.63	0
CO2923	CO2922	7.04	1 1-	6ACWC	0	0	584	152	0	0	0	0.00	3.63	0
CO2921	CO2920	6.70	1 1-	4ACSR	0	0	625	155	17	2	2	0.01	3.64	0
CO2979	CO2921	6.81	1 1-	4ACSR	0	0	612	154	17	2	2	0.01	3.64	0
CO2980	CO2979	6.81	0 1-	4ACSR	0	0	611	154	0	0	0	0.00	3.64	0
CO9985	OC-702130228	6.27	2 1-	4ACSR	0	0	686	160	5	0	0	0.00	3.55	0
CO10048	CO10100	6.02	1 1-	4ACSR	0	0	724	162	8	1	1	0.00	3.45	0
CO10049	CO10048	6.05	1 1-	4ACSR	0	0	719	162	8	1	1	0.00	3.45	0
CO10050	CO10049	6.12	1 1-	4ACSR	0	0	709	161	8	1	1	0.00	3.45	0
CO10051	CO10050	6.18	1 1-	4ACSR	0	0	700	160	8	1	1	0.00	3.46	0
CO10020	CO10101	6.12	16 1-	4ACSR	0	0	708	161	59	8	6	0.12	3.47	12
CO1866255632	CO10020	6.26	15 1-	2ACSR	0	0	690	160	56	7	4	0.03	3.51	3
CO-1380627950	CO1866255632	6.32	14 1-	2ACSR	0	0	683	160	48	6	4	0.01	3.52	0
CO9976	CO-1380627950	6.41	1 1-	4ACSR	0	0	669	159	6	0	1	0.00	3.52	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9951	CO-1380627950	6.53	13 1-	4ACSR	0	0	653	158	42	5	4	0.06	3.57	4
CO10097	CO9951	6.55	1 1-	4ACSR	0	0	650	157	0	0	0	0.00	3.57	0
CO10098	CO10097	6.65	0 1-	4ACSR	0	0	637	156	0	0	0	0.00	3.57	0
CO10022	CO10098	7.03	0 1-	4ACSR	0	0	589	153	0	0	0	0.00	3.57	0
CO10095	CO9951	6.73	12 1-	4ACSR	0	0	626	156	42	5	4	0.05	3.62	3
OC1517226558	CO10095	6.73	11 1-	20 N FUSE	0	0	626	156	35	4	24	0.00	3.62	0
CO10096	OC1517226558	7.00	11 1-	4ACSR	0	0	591	153	35	4	3	0.06	3.68	4
CO9952	CO10096	7.12	6 1-	4ACSR	0	0	577	152	21	2	2	0.02	3.70	0
CO10023	CO9952	7.39	5 1-	4ACSR	0	0	548	150	19	2	2	0.03	3.73	0
CO10119	CO10023	7.51	5 1-	4ACSR	0	0	536	149	19	2	2	0.01	3.74	0
CO10120	CO10119	7.67	4 1-	4ACSR	0	0	520	147	17	2	2	0.01	3.76	0
CO10024	CO10120	7.71	3 1-	4ACSR	0	0	516	147	12	1	1	0.00	3.76	0
CO10056	CO10024	7.83	3 1-	4ACSR	0	0	505	146	12	1	1	0.01	3.77	0
CO10057	CO10056	8.24	2 1-	4ACSR	0	0	470	143	11	1	1	0.03	3.80	0
CO9989	CO10057	8.42	1 1-	2ACSR	0	0	459	142	6	0	0	0.00	3.80	0
CO10058	CO10057	8.30	1 1-	4ACSR	0	0	465	142	5	0	0	0.00	3.80	0
CO9991	CO10056	7.89	1 1-	2ACSR	0	0	501	146	1	0	0	0.00	3.77	0
CO9977	CO9952	7.31	1 1-	4ACSR	0	0	556	150	2	0	0	0.00	3.70	0
CO10052	CO10096	7.05	4 1-	4ACSR	0	0	586	153	14	1	1	0.00	3.68	0
CO10093	CO10052	7.08	3 1-	4ACSR	0	0	583	153	11	1	1	0.00	3.69	0
CO10094	CO10093	7.15	1 1-	4ACSR	0	0	575	152	5	0	0	0.00	3.69	0
CO10053	CO10094	7.24	1 1-	4ACSR	0	0	564	151	5	0	0	0.00	3.69	0
CO-1177852489	CO1866255632	6.32	1 1-	2ACSR	0	0	682	160	8	1	1	0.00	3.51	0
CO10326	CO10480	5.71	7 1-	4ACSR	0	0	777	165	23	3	2	0.01	3.21	0
CO17284	CO10326	5.83	2 1-	4ACSR	0	0	755	164	0	0	0	0.00	3.21	0
CO4025	CO17284	5.92	1 1-	4ACSR	0	0	740	163	0	0	0	0.00	3.21	0
CO10512	CO10326	5.73	5 1-	4ACSR	0	0	773	165	23	3	2	0.00	3.21	0
CO10353	CO10512	5.75	2 1-	4ACSR	0	0	769	165	8	1	1	0.00	3.21	0
CO10513	CO10512	5.80	3 1-	4ACSR	0	0	760	164	15	2	1	0.00	3.21	0
CO10324+	CO10323	5.14	239 3-	1/0ACSR	1360	1278	1130	308	1031	23	10	0.01	2.12	23
CO17283+	CO10324	5.26	237 3-	1/0ACSR	1342	1262	1113	307	1025	23	10	0.02	2.14	37
CO3922+	CO17283	5.30	237 3-	1/0ACSR	1336	1256	1106	307	1025	23	10	0.01	2.15	14
CO3923+	CO3922	5.42	234 3-	1/0ACSR	1320	1240	1090	306	1002	22	10	0.02	2.17	35
CO3924+	CO3923	5.48	233 3-	1/0ACSR	1312	1233	1083	305	999	22	10	0.01	2.18	17
CO3872+	CO3924	5.55	0 1-	4ACSR	0	0	1069	304	0	0	0	0.00	2.19	0
OC2085657555+	CO3872	5.55	0 1-	20 N FUSE	0	0	1069	304	0	0	0	0.00	2.19	0
CO3925+	CO3924	5.57	233 3-	1/0ACSR	1299	1221	1070	305	999	22	10	0.02	2.20	28
CO3927+	CO3925	5.60	233 3-	1/0ACSR	1295	1217	1066	304	999	22	10	0.01	2.21	9
CO3926+	CO3927	5.66	232 3-	1/0ACSR	1286	1209	1058	304	999	22	10	0.01	2.22	20
CO4084+	CO3926	5.67	2 1-	4ACSR	0	0	1057	304	1	0	0	0.00	2.22	0
OC116+	CO4084	5.67	2 1-	10 N FUSE	0	0	1057	304	1	0	1	0.00	2.22	0
CO4085+	OC116	5.98	2 1-	4ACSR	0	0	1002	298	1	0	0	0.00	2.22	0
CO3929+	CO4085	6.54	2 1-	4ACSR	0	0	914	289	1	0	0	0.00	2.22	0
CO3928+	CO3929	6.85	1 1-	4ACSR	0	0	871	284	0	0	0	0.00	2.22	0
CO3930+	CO3928	6.90	1 1-	4ACSR	0	0	865	283	0	0	0	0.00	2.22	0
CO3932+	CO3926	5.69	230 3-	1/0ACSR	1283	1205	1054	303	998	22	10	0.01	2.23	9
CO2056222926+	CO3932	5.72	1 1-	1/0PRIURD	0	0	1051	594	10	0	0	0.00	2.23	0
CO3931+	CO3932	5.72	228 3-	1/0ACSR	1279	1202	1050	303	977	22	10	0.01	2.23	8
CO4030+	CO3931	5.78	1 1-	4ACSR	0	0	1041	302	4	0	0	0.00	2.23	0
OC1592251931+	CO4030	5.78	0 1-	20 N FUSE	0	0	1041	302	0	0	0	0.00	2.23	0
CO4031+	OC1592251931	5.82	0 1-	4ACSR	0	0	1033	302	0	0	0	0.00	2.23	0
CO3850+	CO3931	5.82	226 3-	1/0ACSR	1266	1190	1039	302	973	22	10	0.02	2.25	27

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3934+	CO3850	5.86	223 3-	1/0ACSR	1261	1185	1033	302	959	21	10	0.01	2.26	12
CO3933+	CO3934	6.14	223 3-	1/0ACSR	1226	1152	1000	300	959	21	10	0.05	2.31	77
CO3935+	CO3933	6.25	222 3-	1/0ACSR	1213	1140	988	299	958	21	10	0.02	2.33	31
CO4086+	CO3935	6.26	12 1-	6ACWC	0	0	986	298	67	4	3	0.00	2.33	0
OC117+	CO4086	6.26	12 1-	10 N FUSE	0	0	986	298	67	4	46	0.00	2.33	0
CO4087+	OC117	6.28	12 1-	6ACWC	0	0	984	298	67	4	3	0.00	2.34	0
CO3937+	CO4087	6.38	4 1-	6ACWC	0	0	968	297	28	1	1	0.00	2.34	0
CO3936+	CO3937	6.45	3 1-	6ACWC	0	0	957	295	28	1	1	0.00	2.34	0
CO3873+	CO3936	6.49	1 1-	6ACWC	0	0	950	295	8	0	0	0.00	2.34	0
CO4035+	CO3936	6.57	2 1-	6ACWC	0	0	938	293	20	1	1	0.00	2.35	0
CO-1959963876+	CO4035	6.61	1 1-	2ACSR	0	0	933	293	11	0	0	0.00	2.35	0
CO-2093650763+	CO-1959963876	6.65	1 1-	2ACSR	0	0	929	292	11	0	0	0.00	2.35	0
CO4036+	CO4035	6.60	1 1-	6ACWC	0	0	935	293	9	0	0	0.00	2.35	0
CO3939+	CO4087	6.59	8 1-	6ACWC	0	0	935	293	39	2	2	0.02	2.36	0
CO3941+	CO3939	6.63	7 1-	6ACWC	0	0	929	292	39	2	2	0.00	2.36	0
CO3940+	CO3941	6.65	6 1-	6ACWC	0	0	926	292	31	2	2	0.00	2.36	0
CO3938+	CO3940	6.75	6 1-	6ACWC	0	0	912	290	31	2	2	0.00	2.36	0
CO3854+	CO3938	7.04	6 1-	6ACWC	0	0	873	286	31	2	2	0.01	2.38	0
CO3851+	CO3854	7.22	5 1-	6ACWC	0	0	850	283	31	2	2	0.01	2.39	0
CO4038+	CO3851	7.26	1 1-	6ACWC	0	0	844	282	1	0	0	0.00	2.39	0
CO4037+	CO4038	7.31	0 1-	6ACWC	0	0	838	281	0	0	0	0.00	2.39	0
CO4039+	CO4037	7.50	0 1-	6ACWC	0	0	815	279	0	0	0	0.00	2.39	0
CO3852+	CO3851	7.46	4 1-	6ACWC	0	0	821	279	30	2	1	0.01	2.39	0
CO3945+	CO3852	7.65	2 1-	6ACWC	0	0	799	277	13	0	1	0.00	2.40	0
CO3944+	CO3945	7.75	1 1-	6ACWC	0	0	787	275	7	0	0	0.00	2.40	0
CO3946+	CO3944	7.87	1 1-	6ACWC	0	0	774	273	7	0	0	0.00	2.40	0
CO3943+	CO3946	7.94	1 1-	6ACWC	0	0	767	272	7	0	0	0.00	2.40	0
CO3947+	CO3943	7.97	1 1-	6ACWC	0	0	764	272	7	0	0	0.00	2.40	0
CO3942+	CO3947	7.98	1 1-	6ACWC	0	0	763	272	7	0	0	0.00	2.40	0
CO3948+	CO3942	7.99	1 1-	6ACWC	0	0	762	272	7	0	0	0.00	2.40	0
CO3877+	CO3948	8.03	1 1-	6ACWC	0	0	758	271	7	0	0	0.00	2.40	0
CO3876+	CO3948	8.04	0 1-	6ACWC	0	0	757	271	0	0	0	0.00	2.40	0
CO3875+	CO3852	7.50	1 1-	6ACWC	0	0	815	279	10	0	1	0.00	2.40	0
CO3950+	CO3854	7.36	1 1-	6ACWC	0	0	833	281	0	0	0	0.00	2.38	0
CO3951+	CO3950	7.43	1 1-	6ACWC	0	0	824	280	0	0	0	0.00	2.38	0
CO3949+	CO3951	7.69	1 1-	6ACWC	0	0	794	276	0	0	0	0.00	2.38	0
CO3953+	CO3949	7.97	1 1-	6ACWC	0	0	764	272	0	0	0	0.00	2.38	0
CO3952+	CO3953	8.12	0 1-	6ACWC	0	0	748	270	0	0	0	0.00	2.38	0
CO3874+	CO3938	6.99	0 1-	6ACWC	0	0	880	287	0	0	0	0.00	2.36	0
CO3853+	CO3935	6.30	209 3-	1/0ACSR	1207	1135	982	298	883	20	9	0.01	2.34	11
CO4040+	CO3853	6.35	2 1-	4ACSR	0	0	975	297	6	0	0	0.00	2.34	0
OC2141298035+	CO4040	6.35	1 1-	20 N FUSE	0	0	975	297	0	0	0	0.00	2.34	0
CO4041+	OC2141298035	6.39	1 1-	4ACSR	0	0	967	297	0	0	0	0.00	2.34	0
CO3954+	CO3853	6.36	207 3-	1/0ACSR	1200	1128	975	298	877	20	9	0.01	2.35	15
CO3955+	CO3954	6.44	206 3-	1/0ACSR	1191	1119	967	297	870	19	9	0.01	2.37	18
CO8274+	CO3955	6.63	206 3-	1/0ACSR	1170	1099	947	295	870	19	9	0.03	2.40	43
CO2857+	CO8274	6.84	206 3-	1/0ACSR	1147	1078	925	294	869	19	9	0.04	2.44	48
CO2875+	CO2857	6.89	1 1-	4ACSR	0	0	919	293	7	0	0	0.00	2.44	0
OC1561624457+	CO2875	6.89	0 1-	20 N FUSE	0	0	919	293	0	0	0	0.00	2.44	0
CO2858+	CO2857	6.94	205 3-	1/0ACSR	1136	1068	916	293	862	19	9	0.02	2.45	22
CO2975+	CO2858	6.99	2 1-	4ACSR	0	0	908	292	21	1	1	0.00	2.45	0
OC1028796102+	CO2975	6.99	2 1-	20 N FUSE	0	0	908	292	21	1	7	0.00	2.45	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17297+	OC1028796102	7.05	2 1-	4ACSR	0	0	901	291	21	1	1	0.00	2.45	0
CO2976+	CO17297	7.09	1 1-	4ACSR	0	0	894	290	8	0	0	0.00	2.46	0
CO2977+	CO2976	7.19	1 1-	4ACSR	0	0	882	289	8	0	0	0.00	2.46	0
CO2973+	CO2858	7.04	203 3-	1/0ACSR	1126	1058	906	292	841	19	8	0.02	2.47	22
CO2974+	CO2973	7.13	202 3-	1/0ACSR	1117	1050	898	291	841	19	8	0.01	2.48	18
CO2900+	CO2974	7.19	1 1-	4ACSR	0	0	890	290	8	0	0	0.00	2.48	0
OC651236609+	CO2900	7.19	0 1-	20 N FUSE	0	0	890	290	0	0	0	0.00	2.48	0
CO2859+	CO2974	7.22	198 3-	1/0ACSR	1107	1041	889	290	819	18	8	0.02	2.50	19
CO2860+	CO2859	7.27	197 3-	2ACSR	1102	1036	884	290	816	18	10	0.01	2.51	15
CO2877+	CO2860	7.36	1 1-	4ACSR	0	0	873	288	11	0	1	0.00	2.51	0
OC-432239067+	CO2877	7.36	0 1-	20 N FUSE	0	0	873	288	0	0	0	0.00	2.51	0
CO2876+	CO2860	7.35	2 1-	4ACSR	0	0	874	289	16	1	1	0.00	2.51	0
OC-1996465118+	CO2876	7.35	0 1-	20 N FUSE	0	0	874	289	0	0	0	0.00	2.51	0
CO2947+	CO2860	7.39	192 3-	2ACSR	1088	1023	872	289	785	17	10	0.03	2.54	34
CO2948+	CO2947	7.49	190 3-	2ACSR	1076	1012	861	287	769	17	10	0.02	2.56	29
CO2861+	CO2948	7.52	21 1-	4ACSR	0	0	857	287	111	7	5	0.01	2.57	0
CO2886+	CO2861	7.57	3 1-	4ACSR	0	0	851	286	3	0	0	0.00	2.57	0
CO2985+	CO2861	7.53	18 1-	4ACSR	0	0	856	287	108	7	5	0.00	2.57	0
OC84+	CO2985	7.53	18 1-	35 E OCR	0	0	856	287	108	7	21	0.00	2.57	0
CO2986+	OC84	7.60	18 1-	4ACSR	0	0	847	286	108	7	5	0.01	2.58	0
CO2862+	CO2986	7.70	14 1-	4ACSR	0	0	835	284	80	5	4	0.01	2.59	0
CO2940+	CO2862	7.79	14 1-	4ACSR	0	0	824	283	80	5	4	0.01	2.60	0
CO2941+	CO2940	7.86	13 1-	4ACSR	0	0	816	281	76	5	4	0.01	2.61	0
CO2879+	CO2941	7.93	1 1-	4ACSR	0	0	808	280	9	0	0	0.00	2.61	0
CO2938+	CO2941	7.98	12 1-	4ACSR	0	0	803	280	67	4	3	0.01	2.62	0
CO2939+	CO2938	8.02	12 1-	4ACSR	0	0	798	279	67	4	3	0.00	2.63	0
CO2937+	CO2939	8.07	11 1-	4ACSR	0	0	793	278	64	4	3	0.00	2.63	0
CO2880+	CO2937	8.12	1 1-	4ACSR	0	0	787	277	10	0	0	0.00	2.63	0
CO2863+	CO2937	8.48	9 1-	4ACSR	0	0	749	272	48	3	2	0.03	2.66	2
CO1478766226+	CO2863	8.56	1 1-	2ACSR	0	0	743	271	14	0	1	0.00	2.66	0
CO2864+	CO2863	8.67	8 1-	4ACSR	0	0	731	270	34	2	2	0.01	2.67	0
CO2930+	CO2864	8.73	2 1-	4ACSR	0	0	725	269	10	0	0	0.00	2.67	0
CO2931+	CO2930	8.81	2 1-	4ACSR	0	0	718	268	10	0	0	0.00	2.67	0
CO2929+	CO2931	9.19	1 1-	4ACSR	0	0	685	262	0	0	0	0.00	2.67	0
CO2928+	CO2929	9.24	0 1-	4ACSR	0	0	680	262	0	0	0	0.00	2.67	0
CO2927+	CO2928	9.27	0 1-	4ACSR	0	0	677	261	0	0	0	0.00	2.67	0
CO2926+	CO2927	9.38	0 1-	4ACSR	0	0	668	260	0	0	0	0.00	2.67	0
CO2865+	CO2864	8.80	6 1-	4ACSR	0	0	719	268	24	1	1	0.00	2.68	0
CO2932+	CO2865	8.88	3 1-	4ACSR	0	0	711	267	10	0	1	0.00	2.68	0
CO2933+	CO2932	8.98	3 1-	4ACSR	0	0	702	265	10	0	1	0.00	2.68	0
CO2934+	CO2933	9.02	3 1-	4ACSR	0	0	699	265	10	0	1	0.00	2.68	0
CO2935+	CO2934	9.06	2 1-	4ACSR	0	0	695	264	0	0	0	0.00	2.68	0
CO2936+	CO2935	9.17	1 1-	4ACSR	0	0	686	263	0	0	0	0.00	2.68	0
CO2883+	CO2865	8.82	1 1-	4ACSR	0	0	717	267	7	0	0	0.00	2.68	0
CO2882+	CO2865	8.84	2 1-	4ACSR	0	0	715	267	7	0	0	0.00	2.68	0
CO2881+	CO2863	8.54	0 1-	4ACSR	0	0	743	271	0	0	0	0.00	2.66	0
CO2878+	CO2862	7.75	0 1-	4ACSR	0	0	830	283	0	0	0	0.00	2.59	0
CO2942+	CO2986	7.64	3 1-	4ACSR	0	0	842	285	18	1	1	0.00	2.58	0
CO2943+	CO2942	7.70	2 1-	4ACSR	0	0	835	284	18	1	1	0.00	2.58	0
CO2945+	CO2943	7.88	1 1-	2ACSR	0	0	818	282	9	0	0	0.00	2.58	0
CO2946+	CO2945	8.03	1 1-	2ACSR	0	0	804	280	9	0	0	0.00	2.58	0
CO2944+	CO2943	7.75	1 1-	4ACSR	0	0	829	283	9	0	0	0.00	2.58	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2866+	CO2948	7.64	168 3-	1/0ACSR	1062	1000	849	286	655	15	7	0.02	2.58	19
CO2885+	CO2866	7.90	0 1-	4ACSR	0	0	818	282	0	0	0	0.00	2.58	0
OC-231255964+	CO2885	7.90	0 1-	20 N FUSE	0	0	818	282	0	0	0	0.00	2.58	0
CO2951+	CO2866	7.71	167 3-	1/0ACSR	1055	994	843	286	654	15	7	0.01	2.59	9
CO2952+	CO2951	7.73	166 3-	1/0ACSR	1053	992	841	285	645	14	6	0.00	2.59	3
CO2867+	CO2952	7.83	163 3-	1/0ACSR	1045	984	833	285	628	14	6	0.01	2.60	11
CO2889+	CO2867	7.87	2 1-	4ACSR	0	0	827	284	3	0	0	0.00	2.60	0
OC1160188240+	CO2889	7.87	0 1-	20 N FUSE	0	0	827	284	0	0	0	0.00	2.60	0
CO2868+	CO2867	7.90	161 3-	1/0ACSR	1038	977	827	284	624	14	6	0.01	2.61	9
CO2981+	CO2868	8.08	156 3-	2ACSR	1019	960	810	282	610	14	8	0.03	2.65	32
CO2982+	CO2981	8.16	155 3-	2ACSR	1010	952	803	281	605	13	8	0.01	2.66	14
CO2891+	CO2982	8.22	1 1-	4ACSR	0	0	797	280	2	0	0	0.00	2.66	0
OC810176915+	CO2891	8.22	0 1-	20 N FUSE	0	0	797	280	0	0	0	0.00	2.66	0
CO2964+	CO2982	8.40	147 3-	1/0ACSR	991	934	786	279	561	12	6	0.03	2.69	23
CO2965+	CO2964	8.53	147 3-	1/0ACSR	980	924	776	278	561	12	6	0.01	2.70	13
CO2894+	CO2965	8.63	1 1-	4ACSR	0	0	766	277	5	0	0	0.00	2.70	0
OC-849268570+	CO2894	8.63	0 1-	20 N FUSE	0	0	766	277	0	0	0	0.00	2.70	0
CO2966+	CO2965	8.63	145 3-	1/0ACSR	972	917	769	278	552	12	6	0.01	2.71	9
CO2967+	CO2966	8.73	144 3-	1/0ACSR	965	910	763	277	549	12	5	0.01	2.72	9
CO2872+	CO2967	8.87	143 3-	2ACSR	952	898	751	275	542	12	7	0.02	2.75	20
CO2968+	CO2872	8.92	141 3-	2ACSR	946	893	747	275	529	12	7	0.01	2.75	8
CO8237+	CO2968	9.23	141 3-	2ACSR	919	869	724	272	529	12	7	0.05	2.80	41
OC1085805786+	CO8237	9.23	141 3-	20 N FUSE	919	869	724	272	529	12	61	0.00	2.80	0
CO2129+	OC1085805786	9.44	141 3-	2ACSR	901	852	708	269	529	12	7	0.03	2.84	29
RG-1448482752+	CO2129	9.44	138 3-	100.0000000000	901	852	708	269	523	12	0	-2.84	0.00	0
CO30692+	RG-1448482752	9.51	138 3-	2ACSR	895	847	703	269	523	11	7	0.01	0.01	8
CO-1741023017+	CO30692	9.55	137 3-	2ACSR	892	844	701	268	519	11	6	0.01	0.02	5
CO1054441373+	CO-1741023017	9.61	1 1-	2ACSR	0	0	697	268	4	0	0	0.00	0.02	0
CO445956062+	CO-1741023017	9.61	136 3-	2ACSR	887	839	697	268	516	11	6	0.01	0.02	7
CO2308+	CO445956062	9.66	136 3-	2ACSR	883	835	693	267	516	11	6	0.01	0.03	7
CO2034+	CO2308	9.75	135 3-	2ACSR	875	828	687	266	514	11	6	0.01	0.05	11
CO2059+	CO2034	9.84	2 3-	2ACSR	869	823	681	265	2	0	0	0.00	0.05	0
XFMR59	CO2059	9.84	2 3-	1000 KVA 1PH AU	1160	1090	977	166	2	0	0	0.00	0.05	0
CO2131	XFMR59	9.93	1 3-	2ACSR	1137	1068	954	165	1	0	0	0.00	0.05	0
CO2382	CO2131	10.14	1 3-	2ACSR	1088	1023	905	164	1	0	0	0.00	0.05	0
CO2307	CO2382	10.26	0 3-	2ACSR	1061	998	879	163	0	0	0	0.00	0.05	0
CO2130	CO2307	10.43	0 3-	2ACSR	1026	966	846	162	0	0	0	0.00	0.05	0
CO2373	CO2130	10.44	0 3-	2ACSR	1025	965	844	162	0	0	0	0.00	0.05	0
SW74-A	CO2373	10.44	0 3-	Open	1025	965	844	162	0	0	0	0.00	0.05	0
CO2071	XFMR59	9.89	1 1-	4ACSR	0	0	961	166	1	0	0	0.00	0.05	0
OC-1572721038	CO2071	9.89	0 1-	20 N FUSE	0	0	961	166	0	0	0	0.00	0.05	0
CO2107+	CO2034	9.77	1 1-	4ACSR	0	0	686	266	3	0	0	0.00	0.05	0
CO2188+	CO2034	9.83	132 3-	336ACSR	872	826	684	266	509	11	2	0.00	0.05	0
CO2187+	CO2188	9.95	132 3-	336ACSR	868	822	680	266	509	11	2	0.00	0.05	3
CO2240+	CO2187	10.00	3 1-	2ACSR	0	0	677	265	7	0	0	0.00	0.05	0
OC340710077+	CO2240	10.00	2 1-	20 N FUSE	0	0	677	265	7	0	2	0.00	0.05	0
CO2239+	OC340710077	10.17	2 1-	2ACSR	0	0	666	263	7	0	0	0.00	0.06	0
CO2238+	CO2239	10.23	1 1-	2ACSR	0	0	662	263	7	0	0	0.00	0.06	0
CO2186+	CO2187	10.05	127 3-	336ACSR	865	818	677	265	495	11	2	0.00	0.06	0
CO2185+	CO2186	10.13	127 3-	336ACSR	862	815	674	265	494	11	2	0.00	0.06	0
CO2184+	CO2185	10.17	127 3-	336ACSR	860	814	673	265	494	11	2	0.00	0.06	0
CO2183+	CO2184	10.21	127 3-	336ACSR	859	812	671	265	494	11	2	0.00	0.06	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO2182+	CO2183	10.25	127 3-	336ACSR	857	811	670	265	494	11	2	0.00	0.07	0
CO2181+	CO2182	10.29	127 3-	336ACSR	856	809	669	264	494	11	2	0.00	0.07	0
CO2242+	CO2181	10.32	1 1-	2ACSR	0	0	667	264	4	0	0	0.00	0.07	0
OC999628517+	CO2242	10.32	1 1-	20 N FUSE	0	0	667	264	4	0	1	0.00	0.07	0
CO2241+	OC999628517	10.36	1 1-	2ACSR	0	0	664	264	4	0	0	0.00	0.07	0
CO2180+	CO2181	10.49	126 3-	336ACSR	849	803	662	264	491	11	2	0.01	0.07	4
CO2179+	CO2180	10.53	126 3-	336ACSR	847	801	661	264	491	11	2	0.00	0.08	0
CO2178+	CO2179	10.56	126 3-	336ACSR	846	800	660	264	491	11	2	0.00	0.08	0
CO2177+	CO2178	10.59	126 3-	336ACSR	845	799	659	263	491	11	2	0.00	0.08	0
CO2176+	CO2177	10.67	126 3-	336ACSR	843	797	656	263	491	11	2	0.00	0.08	0
CO2175+	CO2176	10.76	126 3-	336ACSR	840	794	654	263	491	11	2	0.00	0.08	0
CO8225+	CO2175	10.86	5 1-	4ACSR	0	0	646	262	16	1	1	0.00	0.09	0
OC-743590346+	CO8225	10.86	5 1-	20 N FUSE	0	0	646	262	16	1	5	0.00	0.09	0
CO2916+	OC-743590346	10.97	2 1-	4ACSR	0	0	638	260	6	0	0	0.00	0.09	0
CO2917+	CO2916	11.00	1 1-	4ACSR	0	0	636	260	3	0	0	0.00	0.09	0
CO2915+	CO2917	11.09	1 1-	4ACSR	0	0	629	258	3	0	0	0.00	0.09	0
CO2903+	OC-743590346	10.91	1 1-	4ACSR	0	0	643	261	0	0	0	0.00	0.09	0
CO2902+	OC-743590346	10.95	2 1-	4ACSR	0	0	639	260	10	0	0	0.00	0.09	0
CO2311+	CO2175	10.79	121 3-	336ACSR	838	793	653	263	475	10	2	0.00	0.09	0
CO2312+	CO2311	10.83	121 3-	336ACSR	837	792	651	263	475	10	2	0.00	0.09	0
CO2313+	CO2312	10.95	121 3-	336ACSR	833	788	648	262	475	10	2	0.00	0.09	2
CO2314+	CO2313	11.01	121 3-	336ACSR	831	786	646	262	475	10	2	0.00	0.09	0
CO2315+	CO2314	11.06	120 3-	336ACSR	829	784	644	262	474	10	2	0.00	0.09	0
CO2189+	CO2315	11.37	120 3-	336ACSR	819	774	635	261	474	10	2	0.01	0.11	6
CO8236+	CO2189	11.47	2 1-	4ACSR	0	0	628	260	4	0	0	0.00	0.11	0
OC1274106269+	CO8236	11.47	2 1-	20 N FUSE	0	0	628	260	4	0	1	0.00	0.11	0
CO2914+	OC1274106269	11.51	2 1-	4ACSR	0	0	625	259	4	0	0	0.00	0.11	0
CO2978+	CO2914	11.57	1 1-	4ACSR	0	0	621	258	0	0	0	0.00	0.11	0
CO2913+	CO2978	11.61	0 1-	4ACSR	0	0	618	258	0	0	0	0.00	0.11	0
CO2912+	CO2913	11.70	0 1-	4ACSR	0	0	612	256	0	0	0	0.00	0.11	0
CO2167+	CO2189	11.64	118 3-	336ACSR	811	766	627	260	470	10	2	0.01	0.12	5
CO2168+	CO2167	11.68	118 3-	336ACSR	809	764	626	260	470	10	2	0.00	0.12	0
OC1352131085+	CO2168	11.68	118 3-	20 N FUSE	809	764	626	260	469	10	53	0.00	0.12	0
CO2169+	OC1352131085	11.70	118 3-	336ACSR	809	764	625	260	469	10	2	0.00	0.12	0
CO2066+	CO2169	11.73	115 3-	336ACSR	808	763	624	260	458	10	2	0.00	0.12	0
CO2158+	CO2066	11.74	115 3-	336ACSR	807	762	624	260	458	10	2	0.00	0.12	0
CO2159+	CO2158	11.78	115 3-	336ACSR	806	761	623	259	458	10	2	0.00	0.12	0
CO2247+	CO2159	11.82	5 1-	4ACSR	0	0	620	259	20	1	1	0.00	0.12	0
OC574345110+	CO2247	11.82	5 1-	20 N FUSE	0	0	620	259	20	1	7	0.00	0.12	0
CO2125+	OC574345110	11.87	2 1-	4ACSR	0	0	617	258	8	0	0	0.00	0.12	0
CO2112+	CO2125	11.91	2 1-	4ACSR	0	0	614	258	8	0	0	0.00	0.12	0
CO2246+	OC574345110	11.89	3 1-	4ACSR	0	0	615	258	12	0	1	0.00	0.12	0
CO2111+	CO2246	11.99	2 1-	4ACSR	0	0	609	257	11	0	1	0.00	0.12	0
CO2245+	CO2246	11.98	1 1-	4ACSR	0	0	610	257	0	0	0	0.00	0.12	0
CO2160+	CO2159	11.80	110 3-	336ACSR	805	761	622	259	438	9	2	0.00	0.12	0
CO2161+	CO2160	11.99	110 3-	336ACSR	799	755	617	259	438	9	2	0.01	0.13	3
CO2126+	CO2161	12.03	1 1-	2ACSR	0	0	615	258	8	0	0	0.00	0.13	0
OC1682572727+	CO2126	12.03	0 1-	20 N FUSE	0	0	615	258	0	0	0	0.00	0.13	0
CO2162+	CO2161	12.03	109 3-	336ACSR	798	754	616	259	431	9	2	0.00	0.13	0
CO2163+	CO2162	12.11	109 3-	336ACSR	796	751	613	258	431	9	2	0.00	0.13	0
CO2128+	CO2163	12.14	1 1-	2ACSR	0	0	612	258	4	0	0	0.00	0.13	0
OC1506869561+	CO2128	12.14	1 1-	20 N FUSE	0	0	612	258	4	0	1	0.00	0.13	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2316+	OC1506869561	12.21	1 1-	1/0PRIURD	0	0	609	425	4	0	0	0.00	0.13	0
CO2164+	CO2163	12.22	108 3-	336ACSR	793	748	611	258	426	9	2	0.00	0.13	0
CO2318+	CO2164	12.27	108 3-	336ACSR	791	747	609	258	426	9	2	0.00	0.14	0
CO2317+	CO2318	12.62	108 3-	336ACSR	780	736	600	257	426	9	2	0.01	0.15	6
CO2165+	CO2317	12.67	107 3-	336ACSR	779	735	598	257	416	9	2	0.00	0.15	0
CO2122+	CO2165	12.77	1 3-	4ACSR	770	728	592	255	0	0	0	0.00	0.15	0
OC-1469377920+	CO2122	12.77	0 3-	20 N FUSE	770	728	592	255	0	0	0	0.00	0.15	0
CO2320+	CO2165	12.68	106 3-	336ACSR	779	735	598	256	416	9	2	0.00	0.15	0
CO2319+	CO2320	12.76	106 3-	336ACSR	776	732	596	256	416	9	2	0.00	0.15	0
CO2322+	CO2319	12.78	106 3-	336ACSR	776	732	595	256	416	9	2	0.00	0.15	0
CO2321+	CO2322	12.94	104 3-	336ACSR	771	727	591	256	414	9	2	0.01	0.16	3
CO2324+	CO2321	13.11	103 3-	336ACSR	766	723	587	255	413	9	2	0.01	0.16	3
CO2323+	CO2324	13.13	103 3-	336ACSR	765	722	586	255	413	9	2	0.00	0.16	0
CO-472299163+	CO2323	13.15	101 3-	2ACSR	764	721	585	255	403	9	5	0.00	0.17	0
CO-294188546+	CO-472299163	13.18	101 3-	2ACSR	763	720	584	255	403	9	5	0.00	0.17	0
CO2325+	CO-294188546	13.32	101 3-	336ACSR	759	716	581	254	403	9	2	0.00	0.17	0
CO2064+	CO2325	13.39	79 1-	2ACSR	0	0	577	254	306	20	12	0.02	0.19	10
CO2067+	CO2064	13.49	79 1-	2ACSR	0	0	573	253	306	20	12	0.03	0.23	15
AU-1963259189	CO2067	13.49	79 1-	333 KVA 1PH AUT	0	0	653	162	306	20	90	0.72	0.95	0
CO2333	AU-1963259189	13.55	77 1-	2ACSR	0	0	647	162	303	41	23	0.08	1.02	36
CO2334	CO2333	13.68	76 1-	2ACSR	0	0	633	161	297	40	22	0.16	1.18	72
CO2155	CO2334	13.70	75 1-	2ACSR	0	0	631	161	286	38	22	0.03	1.21	11
CO2109	CO2155	13.75	1 1-	4ACSR	0	0	626	160	6	0	1	0.00	1.21	0
CO2065	CO2155	13.77	74 1-	2ACSR	0	0	624	160	279	37	21	0.08	1.29	36
CO2335	CO2065	13.81	73 1-	2ACSR	0	0	620	160	275	37	21	0.05	1.34	20
CO2336	CO2335	13.96	72 1-	2ACSR	0	0	606	159	272	37	21	0.17	1.51	72
CO2174	CO2336	14.03	0 1-	4ACSR	0	0	598	158	0	0	0	0.00	1.51	0
CO2173	CO2174	14.36	0 1-	4ACSR	0	0	563	155	0	0	0	0.00	1.51	0
CO2172	CO2173	14.56	0 1-	4ACSR	0	0	543	153	0	0	0	0.00	1.51	0
CO2171	CO2172	14.59	0 1-	4ACSR	0	0	541	153	0	0	0	0.00	1.51	0
CO2170	CO2171	14.66	0 1-	4ACSR	0	0	534	152	0	0	0	0.00	1.51	0
CO8232	CO2170	14.96	0 1-	4ACSR	0	0	507	150	0	0	0	0.00	1.51	0
CO2377	CO2336	13.97	72 1-	2ACSR	0	0	605	159	272	37	21	0.01	1.52	3
OC68	CO2377	13.97	72 1-	50 H OCR	0	0	605	159	272	37	74	0.00	1.52	0
CO2378	OC68	14.09	72 1-	2ACSR	0	0	594	158	272	37	21	0.14	1.66	61
CO2337	CO2378	14.10	72 1-	2ACSR	0	0	593	158	272	37	21	0.01	1.67	5
CO2338	CO2337	14.12	72 1-	2ACSR	0	0	591	158	271	37	21	0.02	1.69	7
CO2339	CO2338	14.16	72 1-	2ACSR	0	0	587	157	271	37	21	0.05	1.75	23
CO2340	CO2339	14.18	71 1-	2ACSR	0	0	585	157	261	35	20	0.02	1.77	9
CO2341	CO2340	14.20	70 1-	2ACSR	0	0	584	157	260	35	20	0.01	1.78	5
CO8231	CO2341	14.35	70 1-	2ACSR	0	0	570	156	260	35	20	0.17	1.96	70
CO1278	CO8231	14.43	70 1-	2ACSR	0	0	564	156	260	35	20	0.09	2.04	35
CO1484	CO1278	14.48	1 1-	4ACSR	0	0	559	155	3	0	0	0.00	2.04	0
OC133834836	CO1484	14.48	1 1-	20 N FUSE	0	0	559	155	3	0	2	0.00	2.04	0
CO1485	OC133834836	14.49	1 1-	4ACSR	0	0	558	155	3	0	0	0.00	2.04	0
CO8235	CO1485	14.62	0 1-	4ACSR	0	0	545	154	0	0	0	0.00	2.04	0
CO1279	CO1278	14.60	69 1-	2ACSR	0	0	550	155	256	35	19	0.18	2.22	72
CO1316	CO1279	14.91	2 1-	4ACSR	0	0	521	152	3	0	0	0.00	2.23	0
CO1280	CO1279	14.62	67 1-	2ACSR	0	0	548	154	253	34	19	0.03	2.25	10
CO1482	CO1280	14.84	67 1-	2ACSR	0	0	532	153	253	34	19	0.23	2.48	91
CO1483	CO1482	14.88	67 1-	2ACSR	0	0	529	153	253	34	19	0.05	2.53	18
CO1281	CO1483	15.02	55 1-	2ACSR	0	0	519	152	214	29	16	0.13	2.65	42

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1282	CO1281	15.11	51 1-	2ACSR	0	0	512	151	203	27	16	0.08	2.73	26
CO1465	CO1282	15.26	5 1-	4ACSR	0	0	500	150	25	3	3	0.02	2.75	0
OC345597748	CO1465	15.26	4 1-	20 N FUSE	0	0	500	150	20	2	14	0.00	2.75	0
CO1467	OC345597748	15.36	3 1-	2ACSR	0	0	493	149	19	2	1	0.01	2.76	0
CO1468	CO1467	15.39	3 1-	2ACSR	0	0	490	149	19	2	1	0.00	2.77	0
CO1469	CO1468	15.44	2 1-	2ACSR	0	0	487	149	9	1	1	0.00	2.77	0
CO327691258	CO1469	15.81	1 1-	2ACSR	0	0	465	147	3	0	0	0.00	2.77	0
CO1466	OC345597748	15.30	1 1-	4ACSR	0	0	496	150	1	0	0	0.00	2.75	0
CO-2029327586	CO1282	15.16	45 1-	2ACSR	0	0	508	151	177	24	14	0.04	2.77	10
CO1420775688	CO-2029327586	15.22	2 1-	2ACSR	0	0	504	151	9	1	1	0.00	2.77	0
CO1055634389	CO-2029327586	15.30	43 1-	2ACSR	0	0	498	150	168	23	13	0.10	2.88	28
CO1442	CO1055634389	15.44	21 1-	2ACSR	0	0	490	149	46	6	4	0.03	2.90	0
CO1443	CO1442	15.55	21 1-	2ACSR	0	0	482	149	46	6	4	0.02	2.92	0
CO1441	CO1443	15.60	20 1-	2ACSR	0	0	479	148	40	5	3	0.01	2.93	0
CO8208	CO1441	15.94	18 1-	2ACSR	0	0	459	146	38	5	3	0.05	2.99	3
CO1202	CO8208	16.02	10 1-	2ACSR	0	0	454	146	21	2	2	0.01	2.99	0
CO1203	CO1202	16.12	8 1-	2ACSR	0	0	448	145	17	2	1	0.01	3.00	0
CO1204	CO1203	16.17	7 1-	2ACSR	0	0	446	145	12	1	1	0.00	3.00	0
CO1205	CO1204	16.31	5 1-	2ACSR	0	0	438	144	12	1	1	0.01	3.01	0
CO1206	CO1205	16.50	5 1-	2ACSR	0	0	428	143	12	1	1	0.01	3.02	0
CO1207	CO1206	16.75	5 1-	2ACSR	0	0	416	142	12	1	1	0.01	3.03	0
CO1210	CO1207	16.90	1 1-	4ACSR	0	0	407	141	1	0	0	0.00	3.03	0
OC-1578168148	CO1210	16.90	1 1-	20 N FUSE	0	0	407	141	1	0	1	0.00	3.03	0
CO1211	OC-1578168148	16.98	1 1-	4ACSR	0	0	403	140	1	0	0	0.00	3.03	0
CO1212	CO1211	17.03	1 1-	4ACSR	0	0	400	140	1	0	0	0.00	3.03	0
CO1208	CO1207	16.83	4 1-	2ACSR	0	0	412	141	11	1	1	0.00	3.03	0
CO1209	CO1208	17.02	3 1-	2ACSR	0	0	403	140	8	1	1	0.01	3.04	0
CO1185	CO1209	17.05	1 1-	4ACSR	0	0	402	140	8	1	1	0.00	3.04	0
CO1213	CO1209	17.09	2 1-	2ACSR	0	0	400	140	0	0	0	0.00	3.04	0
CO1214	CO1213	17.11	0 1-	2ACSR	0	0	399	140	0	0	0	0.00	3.04	0
CO1198	CO8208	15.98	6 1-	336 MCM ACSR 30	0	0	458	146	12	1	0	0.00	2.99	0
CO1199	CO1198	16.01	5 1-	336 MCM ACSR 30	0	0	457	146	12	1	0	0.00	2.99	0
CO1197	CO1199	16.06	2 1-	2ACSR	0	0	454	146	11	1	1	0.00	2.99	0
CO1200	CO1199	16.02	3 1-	336 MCM ACSR 30	0	0	456	146	1	0	0	0.00	2.99	0
CO1201	CO1200	16.11	3 1-	336 MCM ACSR 30	0	0	454	146	1	0	0	0.00	2.99	0
CO1183	CO1201	16.16	2 1-	4ACSR	0	0	450	146	1	0	0	0.00	2.99	0
CO1182	CO1201	16.19	1 1-	4ACSR	0	0	448	145	0	0	0	0.00	2.99	0
CO1184	CO8208	16.03	1 1-	4ACSR	0	0	452	146	4	0	0	0.00	2.99	0
CO1439	CO1441	15.64	2 1-	4ACSR	0	0	476	148	2	0	0	0.00	2.93	0
OC1364801173	CO1439	15.64	1 1-	20 N FUSE	0	0	476	148	0	0	0	0.00	2.93	0
CO-1123070535	OC1364801173	15.66	1 1-	2ACSR	0	0	475	148	0	0	0	0.00	2.93	0
CO586430296	CO-1123070535	15.72	0 1-	2ACSR	0	0	471	147	0	0	0	0.00	2.93	0
CO-1891725539	CO-1123070535	15.72	1 1-	2ACSR	0	0	471	147	0	0	0	0.00	2.93	0
CO1444	CO1055634389	15.35	3 1-	4ACSR	0	0	495	150	23	3	2	0.00	2.88	0
CO1445	CO1444	15.40	2 1-	4ACSR	0	0	491	149	8	1	1	0.00	2.88	0
CO1446	CO1445	15.54	1 1-	4ACSR	0	0	480	148	8	1	1	0.00	2.89	0
CO1284	CO1055634389	15.42	19 1-	4ACSR	0	0	489	149	99	13	10	0.07	2.95	12
OC1305089452	CO1284	15.42	19 1-	20 N FUSE	0	0	489	149	99	13	68	0.00	2.95	0
CO1285	OC1305089452	15.52	17 1-	4ACSR	0	0	481	148	89	12	9	0.05	3.00	8
CO1321	CO1285	15.64	2 1-	4ACSR	0	0	472	147	10	1	1	0.00	3.00	0
CO1286	CO1285	15.69	15 1-	4ACSR	0	0	468	147	79	10	8	0.08	3.08	11
CO1447	CO1286	15.84	15 1-	4ACSR	0	0	457	146	78	10	8	0.07	3.16	9

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1448	CO1447	15.86	14 1-	4ACSR	0	0	456	145	76	10	8	0.01	3.17	0
CO1451	CO1448	15.90	14 1-	4ACSR	0	0	453	145	76	10	8	0.02	3.18	2
CO1452	CO1451	15.92	14 1-	4ACSR	0	0	452	145	76	10	8	0.01	3.20	0
CO1322	CO1452	16.01	1 1-	4ACSR	0	0	445	144	2	0	0	0.00	3.20	0
CO1287	CO1452	16.11	13 1-	4ACSR	0	0	439	143	74	10	7	0.09	3.28	10
CO1454	CO1287	16.17	9 1-	4ACSR	0	0	435	143	57	7	6	0.02	3.30	0
CO1455	CO1454	16.25	8 1-	4ACSR	0	0	429	142	50	6	5	0.02	3.32	0
CO1456	CO1455	16.29	6 1-	4ACSR	0	0	427	142	33	4	3	0.01	3.33	0
CO1325	CO1456	16.33	2 1-	4ACSR	0	0	424	142	9	1	1	0.00	3.33	0
CO1288	CO1456	16.35	4 1-	4ACSR	0	0	424	142	24	3	2	0.01	3.34	0
CO1327	CO1288	16.41	1 1-	4ACSR	0	0	420	141	9	1	1	0.00	3.34	0
CO1326	CO1288	16.40	1 1-	4ACSR	0	0	420	141	12	1	1	0.00	3.34	0
CO1457	CO1288	16.40	2 1-	4ACSR	0	0	420	141	4	0	0	0.00	3.34	0
CO1458	CO1457	16.41	1 1-	4ACSR	0	0	419	141	0	0	0	0.00	3.34	0
CO1328	CO1458	16.45	0 1-	4ACSR	0	0	417	141	0	0	0	0.00	3.34	0
CO1459	CO1458	16.45	1 1-	4ACSR	0	0	417	141	0	0	0	0.00	3.34	0
CO1460	CO1459	16.84	1 1-	4ACSR	0	0	394	138	0	0	0	0.00	3.34	0
CO1461	CO1460	16.99	1 1-	4ACSR	0	0	386	137	0	0	0	0.00	3.34	0
CO1462	CO1461	17.09	1 1-	4ACSR	0	0	381	136	0	0	0	0.00	3.34	0
CO1463	CO1462	17.14	1 1-	4ACSR	0	0	378	136	0	0	0	0.00	3.34	0
CO1453	CO1287	16.15	3 1-	4ACSR	0	0	436	143	15	2	1	0.00	3.29	0
CO1464	CO1453	16.33	2 1-	4ACSR	0	0	425	142	7	0	1	0.01	3.29	0
CO1324	CO1464	16.42	1 1-	4ACSR	0	0	419	141	7	0	1	0.00	3.29	0
CO1323	CO1464	16.40	1 1-	4ACSR	0	0	420	141	0	0	0	0.00	3.29	0
CO1449	CO1448	15.88	0 1-	4ACSR	0	0	455	145	0	0	0	0.00	3.17	0
CO1450	CO1449	15.92	0 1-	4ACSR	0	0	451	145	0	0	0	0.00	3.17	0
CO1320	OC1305089452	15.52	2 1-	4ACSR	0	0	481	148	10	1	1	0.01	2.95	0
CO1330	CO1320	15.57	1 1-	2ACSR	0	0	478	148	9	1	1	0.00	2.96	0
CO1319	CO1281	15.09	1 1-	4ACSR	0	0	512	151	1	0	0	0.00	2.65	0
CO1318	CO1281	15.06	2 1-	4ACSR	0	0	515	152	8	1	1	0.00	2.65	0
CO1470	CO1483	15.01	11 1-	4ACSR	0	0	517	152	34	4	3	0.02	2.55	0
OC-622856429	CO1470	15.01	10 1-	20 N FUSE	0	0	517	152	26	3	18	0.00	2.55	0
CO1471	OC-622856429	15.04	10 1-	4ACSR	0	0	514	151	26	3	3	0.00	2.56	0
CO1472	CO1471	15.16	10 1-	4ACSR	0	0	504	150	26	3	3	0.02	2.57	0
CO1510	CO1472	15.18	7 1-	4ACSR	0	0	503	150	17	2	2	0.00	2.58	0
CO1511	CO1510	15.20	6 1-	4ACSR	0	0	501	150	14	1	1	0.00	2.58	0
CO1477	CO1511	15.25	5 1-	4ACSR	0	0	497	149	14	1	1	0.00	2.58	0
CO1478	CO1477	15.28	5 1-	4ACSR	0	0	494	149	14	1	1	0.00	2.58	0
CO1479	CO1478	15.33	4 1-	4ACSR	0	0	490	149	9	1	1	0.00	2.59	0
CO1480	CO1479	15.71	2 1-	4ACSR	0	0	461	146	2	0	0	0.00	2.59	0
CO1481	CO1480	15.80	1 1-	4ACSR	0	0	454	145	0	0	0	0.00	2.59	0
CO1473	CO1472	15.19	3 1-	4ACSR	0	0	502	150	8	1	1	0.00	2.58	0
CO1474	CO1473	15.24	2 1-	4ACSR	0	0	497	150	7	0	1	0.00	2.58	0
CO1475	CO1474	15.26	1 1-	4ACSR	0	0	496	149	7	0	1	0.00	2.58	0
CO1476	CO1475	15.47	1 1-	4ACSR	0	0	479	148	7	0	1	0.00	2.58	0
CO1317	CO1280	14.70	0 1-	4ACSR	0	0	541	154	0	0	0	0.00	2.25	0
CO2108	CO2065	13.84	1 1-	4ACSR	0	0	616	159	4	0	0	0.00	1.29	0
CO2110	AU-1963259189	13.56	2 1-	4ACSR	0	0	644	161	3	0	0	0.00	0.95	0
CO2327+	CO2325	13.44	22 3-	336ACSR	755	712	578	254	97	2	0	0.00	0.17	0
CO2328+	CO2327	13.61	21 3-	336ACSR	751	708	574	253	90	2	0	0.00	0.18	0
CO2329+	CO2328	13.64	18 3-	336ACSR	750	707	573	253	73	1	0	0.00	0.18	0
CO2330+	CO2329	13.67	14 3-	336ACSR	749	706	572	253	63	1	0	0.00	0.18	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO2332+	CO2330	13.70	13 3-	336ACSR	748	706	571	253	60	1	0	0.00	0.18	0
CO2331+	CO2332	13.73	13 3-	336ACSR	748	705	571	253	60	1	0	0.00	0.18	0
CO2154+	CO2331	13.81	12 3-	336ACSR	745	703	569	253	59	1	0	0.00	0.18	0
CO2156+	CO2154	13.88	8 3-	336ACSR	744	701	567	252	49	1	0	0.00	0.18	0
CO2157+	CO2156	13.89	8 3-	336ACSR	743	701	567	252	49	1	0	0.00	0.18	0
CO8219+	CO2157	14.00	7 3-	336ACSR	740	698	564	252	44	0	0	0.00	0.18	0
CO1533+	CO8219	14.28	6 3-	336ACSR	733	691	558	251	36	0	0	0.00	0.18	0
CO1681+	CO1533	14.31	5 3-	336ACSR	732	690	557	251	26	0	0	0.00	0.18	0
CO1680+	CO1681	14.39	5 3-	336ACSR	730	688	555	251	26	0	0	0.00	0.18	0
CO1909+	CO1680	14.48	4 3-	336ACSR	728	686	553	250	25	0	0	0.00	0.18	0
CO1910+	CO1909	14.72	4 3-	336ACSR	722	680	548	250	25	0	0	0.00	0.18	0
CO1679+	CO1910	14.76	3 3-	336ACSR	721	679	547	249	16	0	0	0.00	0.18	0
CO1907+	CO1679	14.81	2 3-	336ACSR	719	677	546	249	11	0	0	0.00	0.18	0
CO1908+	CO1907	14.97	0 3-	336ACSR	715	674	542	249	0	0	0	0.00	0.18	0
CO1998+	CO1908	15.04	0 3-	336ACSR	714	672	540	249	0	0	0	0.00	0.18	0
SW51-B+	CO1998	15.04	0 3-	Open	714	672	540	249	0	0	0	0.00	0.18	0
CO1586+	CO1680	14.41	1 1-	4ACSR	0	0	554	250	1	0	0	0.00	0.18	0
OC947310806+	CO1586	14.41	0 1-	20 N FUSE	0	0	554	250	0	0	0	0.00	0.18	0
CO1587+	CO1533	14.30	1 1-	4ACSR	0	0	556	251	10	0	0	0.00	0.18	0
OC-1872335519+	CO1587	14.30	0 1-	20 N FUSE	0	0	556	251	0	0	0	0.00	0.18	0
CO1591+	CO8219	14.14	1 1-	4ACSR	0	0	556	250	8	0	0	0.00	0.18	0
OC-162990370+	CO1591	14.14	0 1-	20 N FUSE	0	0	556	250	0	0	0	0.00	0.18	0
CO2120+	CO2157	13.95	1 1-	4ACSR	0	0	563	252	5	0	0	0.00	0.18	0
OC1464676237+	CO2120	13.95	0 1-	20 N FUSE	0	0	563	252	0	0	0	0.00	0.18	0
CO2119+	CO2154	13.84	2 1-	4ACSR	0	0	567	252	4	0	0	0.00	0.18	0
OC-773099313+	CO2119	13.84	0 1-	20 N FUSE	0	0	567	252	0	0	0	0.00	0.18	0
CO2121+	CO2323	13.18	1 1-	4ACSR	0	0	584	254	6	0	0	0.00	0.16	0
OC-1743038643+	CO2121	13.18	0 1-	20 N FUSE	0	0	584	254	0	0	0	0.00	0.16	0
CO2166+	CO2169	11.76	3 1-	4ACSR	0	0	621	259	12	0	1	0.00	0.12	0
OC1224685867+	CO2166	11.76	3 1-	20 N FUSE	0	0	621	259	12	0	4	0.00	0.12	0
CO8249+	OC1224685867	11.87	3 1-	4ACSR	0	0	614	258	12	0	1	0.00	0.12	0
CO2911+	CO8249	12.13	2 1-	4ACSR	0	0	597	254	10	0	1	0.00	0.12	0
CO2910+	CO2911	12.16	1 1-	4ACSR	0	0	595	254	2	0	0	0.00	0.12	0
CO2909+	CO2910	12.23	1 1-	4ACSR	0	0	591	253	2	0	0	0.00	0.12	0
CO2309+	RG-1448482752	9.45	0 3-	2ACSR	900	851	708	269	0	0	0	0.00	0.00	0
CO2033+	CO2129	9.70	1 1-	4ACSR	0	0	686	266	0	0	0	0.00	2.84	0
OC1545479137+	CO2033	9.70	1 1-	20 N FUSE	0	0	686	266	0	0	0	0.00	2.84	0
CO2191+	OC1545479137	9.80	0 1-	4ACSR	0	0	678	264	0	0	0	0.00	2.84	0
CO2190+	CO2191	9.85	0 1-	4ACSR	0	0	674	264	0	0	0	0.00	2.84	0
CO2069+	OC1545479137	9.75	0 1-	4ACSR	0	0	682	265	0	0	0	0.00	2.84	0
CO2068+	OC1545479137	9.73	1 1-	4ACSR	0	0	684	265	0	0	0	0.00	2.84	0
CO228861988+	CO2068	9.83	1 1-	2ACSR	0	0	677	264	0	0	0	0.00	2.84	0
CO2070+	CO2129	9.49	1 1-	4ACSR	0	0	704	269	5	0	0	0.00	2.84	0
CO2896+	CO2872	8.93	2 1-	4ACSR	0	0	745	274	13	0	1	0.00	2.75	0
OC1850914695+	CO2896	8.93	0 1-	20 N FUSE	0	0	745	274	0	0	0	0.00	2.75	0
CO2895+	CO2967	8.76	1 1-	4ACSR	0	0	759	276	7	0	0	0.00	2.72	0
OC9322610566+	CO2895	8.76	0 1-	20 N FUSE	0	0	759	276	0	0	0	0.00	2.72	0
CO2959+	CO2982	8.25	7 1-	4ACSR	0	0	793	280	42	2	2	0.01	2.67	0
OC2003961040+	CO2959	8.25	5 1-	20 N FUSE	0	0	793	280	41	2	14	0.00	2.67	0
CO2960+	OC2003961040	8.30	5 1-	4ACSR	0	0	788	279	41	2	2	0.00	2.67	0
CO2871+	CO2960	8.32	3 1-	4ACSR	0	0	785	279	16	1	1	0.00	2.67	0
CO2893+	CO2871	8.42	1 1-	4ACSR	0	0	775	277	5	0	0	0.00	2.67	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2892+	CO2871	8.42	1 1-	4ACSR	0	0	775	277	3	0	0	0.00	2.67	0
CO2901+	CO2871	8.37	1 1-	4ACSR	0	0	780	278	8	0	0	0.00	2.67	0
CO2961+	CO2960	8.37	2 1-	4ACSR	0	0	780	278	25	1	1	0.00	2.67	0
CO2962+	CO2961	8.42	2 1-	4ACSR	0	0	775	277	25	1	1	0.00	2.67	0
CO2963+	CO2962	8.51	1 1-	4ACSR	0	0	765	276	12	0	1	0.00	2.67	0
CO2869+	CO2868	7.97	5 1-	4ACSR	0	0	819	283	14	0	1	0.00	2.61	0
OC699269408+	CO2869	7.97	4 1-	20 N FUSE	0	0	819	283	12	0	4	0.00	2.61	0
CO2890+	OC699269408	8.04	0 1-	4ACSR	0	0	811	282	0	0	0	0.00	2.61	0
CO2870+	OC699269408	8.09	2 1-	4ACSR	0	0	805	281	10	0	0	0.00	2.62	0
CO2957+	CO2870	8.17	0 1-	4ACSR	0	0	797	280	0	0	0	0.00	2.62	0
CO2958+	CO2957	8.26	0 1-	4ACSR	0	0	787	279	0	0	0	0.00	2.62	0
CO2955+	CO2870	8.19	2 1-	4ACSR	0	0	795	280	10	0	0	0.00	2.62	0
CO2956+	CO2955	8.22	2 1-	4ACSR	0	0	791	279	10	0	0	0.00	2.62	0
CO2953+	OC699269408	8.07	2 1-	4ACSR	0	0	808	281	2	0	0	0.00	2.61	0
CO2954+	CO2953	8.11	1 1-	4ACSR	0	0	803	281	0	0	0	0.00	2.61	0
CO2888+	CO2952	7.77	0 1-	4ACSR	0	0	837	285	0	0	0	0.00	2.59	0
OC-1669066469+	CO2888	7.77	0 1-	20 N FUSE	0	0	837	285	0	0	0	0.00	2.59	0
CO2887+	CO2952	7.77	1 1-	4ACSR	0	0	836	285	0	0	0	0.00	2.59	0
OC-78338528+	CO2887	7.77	0 1-	20 N FUSE	0	0	836	285	0	0	0	0.00	2.59	0
CO2949+	CO2859	7.29	0 1-	4ACSR	0	0	880	289	0	0	0	0.00	2.50	0
OC-2092265410+	CO2949	7.29	0 1-	20 N FUSE	0	0	880	289	0	0	0	0.00	2.50	0
CO2950+	OC-2092265410	7.33	0 1-	4ACSR	0	0	876	289	0	0	0	0.00	2.50	0
CO2899+	CO2950	7.37	0 1-	1/0ACSR	0	0	871	288	0	0	0	0.00	2.50	0
CO2993+	CO2950	7.33	0 1-	4ACSR	0	0	875	289	0	0	0	0.00	2.50	0
SW88-B+	CO2993	7.33	0 1-	Closed	0	0	875	289	0	0	0	0.00	2.50	0
SW88-A+	SW88-B	7.33	0 1-	Closed	0	0	875	289	0	0	0	0.00	2.50	0
CO2994+	SW88-A	7.71	0 1-	4ACSR	0	0	828	283	0	0	0	0.00	2.50	0
CO2971+	CO2974	7.18	2 1-	4ACSR	0	0	890	290	13	0	1	0.00	2.48	0
OC-74224108+	CO2971	7.18	1 1-	20 N FUSE	0	0	890	290	8	0	3	0.00	2.48	0
CO2972+	OC-74224108	7.24	1 1-	4ACSR	0	0	883	289	8	0	0	0.00	2.48	0
CO2970+	CO2972	7.33	1 1-	4ACSR	0	0	872	288	8	0	0	0.00	2.49	0
CO2969+	CO2970	7.42	0 1-	4ACSR	0	0	859	286	0	0	0	0.00	2.49	0
CO2987+	CO8274	6.64	0 1-	4ACSR	0	0	946	295	0	0	0	0.00	2.40	0
OC85+	CO2987	6.64	0 1-	10 N FUSE	0	0	946	295	0	0	0	0.00	2.40	0
CO2988+	OC85	6.75	0 1-	4ACSR	0	0	929	293	0	0	0	0.00	2.40	0
CO2984+	CO2988	7.01	0 1-	4ACSR	0	0	893	289	0	0	0	0.00	2.40	0
CO2983+	CO2984	7.34	0 1-	4ACSR	0	0	849	284	0	0	0	0.00	2.40	0
CO4033+	CO3850	5.96	3 1-	4ACSR	0	0	1014	300	15	0	1	0.00	2.25	0
OC-652764596+	CO4033	5.96	2 1-	20 N FUSE	0	0	1014	300	8	0	3	0.00	2.25	0
CO4034+	OC-652764596	6.03	2 1-	4ACSR	0	0	1002	299	8	0	0	0.00	2.26	0
CO4032+	CO4034	6.10	1 1-	4ACSR	0	0	990	297	6	0	0	0.00	2.26	0
CO10351+	CO10324	5.21	2 1-	4ACSR	0	0	1115	307	6	0	0	0.00	2.12	0
OC-40219635+	CO10351	5.21	0 1-	20 N FUSE	0	0	1115	307	0	0	0	0.00	2.12	0
CO10423+	CO10323	5.16	0 1-	4ACSR	0	0	1120	307	0	0	0	0.00	2.10	0
OC-1783249351+	CO10423	5.16	0 1-	20 N FUSE	0	0	1120	307	0	0	0	0.00	2.10	0
CO10424+	OC-1783249351	5.19	0 1-	4ACSR	0	0	1115	307	0	0	0	0.00	2.10	0
CO10321+	CO10529	5.05	3 1-	4ACSR	0	0	1127	307	8	0	0	0.00	2.04	0
OC1384260034+	CO10321	5.05	3 1-	20 N FUSE	0	0	1127	307	8	0	3	0.00	2.04	0
CO3871+	OC1384260034	5.21	1 1-	4ACSR	0	0	1093	304	0	0	0	0.00	2.04	0
CO10348+	OC1384260034	5.10	2 1-	4ACSR	0	0	1116	306	8	0	0	0.00	2.04	0
CO10494+	CO10509	4.42	4 1-	2ACSR	0	0	1244	315	13	0	1	0.00	1.94	0
OC283+	CO10494	4.42	4 1-	25 E OCR	0	0	1244	315	13	0	4	0.00	1.94	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10516+	OC283	4.46	4 1-	2ACSR	0	0	1236	314	13	0	1	0.00	1.94	0
CO10361+	CO10516	4.52	1 1-	2ACSR	0	0	1223	314	9	0	0	0.00	1.94	0
CO10440+	CO10361	4.55	1 1-	1/0PRIURD	0	0	1218	641	9	0	0	0.00	1.94	0
CO10517+	CO10516	4.50	3 1-	2ACSR	0	0	1228	314	4	0	0	0.00	1.94	0
CO10418+	CO10316	4.19	4 1-	1/0ACSR	0	0	1294	318	10	0	0	0.00	1.84	0
CO10419+	CO10418	4.21	1 1-	1/0ACSR	0	0	1291	318	2	0	0	0.00	1.84	0
CO3847+	CO3846	3.13	1 1-	4ACSR	0	0	1481	324	0	0	0	0.00	1.27	0
OC-717008194+	CO3847	3.13	1 1-	20 N FUSE	0	0	1481	324	0	0	0	0.00	1.27	0
CO3917+	OC-717008194	3.27	0 1-	4ACSR	0	0	1433	321	0	0	0	0.00	1.27	0
CO3916+	CO3917	3.40	0 1-	4ACSR	0	0	1393	319	0	0	0	0.00	1.27	0
CO3868+	OC-717008194	3.17	1 1-	4ACSR	0	0	1467	323	0	0	0	0.00	1.27	0
CO5062+	CO5041	1.80	1 1-	2ACSR	0	0	1911	339	2	0	0	0.00	0.82	0
CO5115+	CO5117	1.10	1 1-	4ACSR	0	0	2214	346	0	0	0	0.00	0.48	0
OC-2030868963+	CO5115	1.10	1 1-	20 N FUSE	0	0	2214	346	0	0	0	0.00	0.48	0
CO5116+	OC-2030868963	1.14	1 1-	4ACSR	0	0	2185	345	0	0	0	0.00	0.48	0
CO17279+	CO5125	0.89	2 1-	2ACSR	0	0	2324	348	17	1	1	0.00	0.39	0
OC-1869266894+	CO17279	0.89	1 1-	20 N FUSE	0	0	2324	348	8	0	3	0.00	0.39	0
CO11855+	OC-1869266894	0.94	1 1-	2ACSR	0	0	2290	347	8	0	0	0.00	0.39	0
SUB	0 total losses:	\$44,934												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0	MAYSVILLE		739		2968	2986	2996	357	10666					
CO24828+	MAYSVILLE	0.00	739 3-	750 MCM - 42 Wi	2967	2984	2994	357	10666	250	22	0.00	0.00	12
CO24829+	CO24828	0.01	739 3-	750 MCM - 42 Wi	2966	2982	2992	357	10666	250	22	0.00	0.00	12
CO1140063019+	CO24829	0.02	674 3-	336ACSR	2962	2977	2987	357	3844	86	17	0.00	0.01	11
Moransburg+	CO1140063019	0.02	674 3-	560 200WVE	2962	2977	2987	357	3844	86	15	0.00	0.01	0
CO30582+	Moransburg	0.04	674 3-	336ACSR	2952	2960	2970	357	3844	86	17	0.01	0.01	35
CO24969+	CO30582	0.06	0 3-	4ACSR	2942	2948	2953	357	0	0	0	0.00	0.01	0
CO24371+	CO30582	0.08	674 3-	336ACSR	2935	2940	2944	357	3844	86	17	0.01	0.03	57
CO24369+	CO24371	0.13	674 3-	336ACSR	2919	2921	2918	357	3844	86	17	0.01	0.04	56
CO24370+	CO24369	0.23	674 3-	336ACSR	2878	2874	2855	356	3843	86	17	0.03	0.07	142
CO24372+	CO24370	0.31	674 3-	336ACSR	2848	2840	2811	356	3843	86	17	0.02	0.09	104
CO24854+	CO24372	1.23	662 3-	336ACSR	2542	2493	2372	352	3763	84	16	0.26	0.35	1170
CO1466904252+	CO24854	1.60	660 3-	336ACSR	2433	2373	2222	350	3755	84	16	0.11	0.46	481
SW13-A1+	CO1466904252	1.60	660 3-	Closed	2433	2373	2222	350	3753	84	0	0.00	0.46	0
SW13-B1+	SW13-A1	1.60	660 3-	Closed	2433	2373	2222	350	3753	84	0	0.00	0.46	0
CO1875554019+	SW13-B1	1.60	0 1-	2ACSR	0	0	2222	350	0	0	0	0.00	0.46	0
CO966936428+	CO1875554019	1.64	0 1-	2ACSR	0	0	2202	349	0	0	0	0.00	0.46	0
CO-1589968403+	SW13-B1	1.80	660 3-	336ACSR	2380	2315	2152	349	3753	84	16	0.05	0.51	247
CO24533+	CO-1589968403	1.97	660 3-	336ACSR	2335	2266	2095	348	3751	84	16	0.05	0.56	221
CA307555243+	CO24533	1.97	0 3-	Capacitor	2335	2266	2095	348	0	0	0	0.00	0.56	0
CO24111+	CO24533	2.17	2 1-	2ACSR	0	0	2001	345	15	1	1	0.00	0.56	0
CO24353+	CO24533	2.23	658 3-	336ACSR	2271	2196	2015	347	3736	84	16	0.07	0.63	325
CO24347+	CO24353	2.29	658 3-	336ACSR	2255	2179	1996	347	3734	84	16	0.02	0.65	81
CO24352+	CO24347	2.34	658 3-	336ACSR	2245	2168	1984	347	3734	84	16	0.01	0.66	56
SW7-A+	CO24352	2.34	658 3-	Closed	2245	2168	1984	347	3733	84	0	0.00	0.66	0
SW7-B+	SW7-A	2.34	658 3-	Closed	2245	2168	1984	347	3733	84	0	0.00	0.66	0
CO24348+	SW7-B	2.55	658 3-	336ACSR	2195	2115	1924	346	3733	84	16	0.06	0.72	267
SW9-A+	CO24348	2.55	658 3-	Closed	2195	2115	1924	346	3732	84	0	0.00	0.72	0
SW9-B+	SW9-A	2.55	658 3-	Closed	2195	2115	1924	346	3732	84	0	0.00	0.72	0
CO412913533+	SW9-B	2.61	0 1-	2ACSR	0	0	1899	345	0	0	0	0.00	0.72	0
CO24351+	SW9-B	2.60	658 3-	336ACSR	2184	2102	1910	346	3732	84	16	0.01	0.73	66
CO24349+	CO24351	2.65	658 3-	336ACSR	2173	2091	1898	345	3732	84	16	0.01	0.75	58
CO24350+	CO24349	2.68	658 3-	336ACSR	2166	2084	1890	345	3732	84	16	0.01	0.76	40
CO24354+	CO24350	2.77	78 3-	1/0ACSR	2137	2052	1856	344	573	13	6	0.01	0.77	9
CO24355+	CO24354	2.88	78 3-	1/0ACSR	2104	2017	1818	343	573	13	6	0.01	0.78	11
CO24799+	CO24355	2.89	28 1-	4ACSR	0	0	1815	343	211	14	10	0.00	0.78	0
OC743+	CO24799	2.89	28 1-	50 E OCR	0	0	1815	343	211	14	28	0.00	0.78	0
CO24800+	OC743	2.98	28 1-	4ACSR	0	0	1780	341	211	14	10	0.03	0.81	9
CO24099+	CO24800	3.02	1 1-	4ACSR	0	0	1763	340	6	0	0	0.00	0.81	0
CO24336+	CO24800	3.10	26 1-	4ACSR	0	0	1727	338	196	13	9	0.04	0.84	12
CO24335+	CO24336	3.18	26 1-	4ACSR	0	0	1696	336	196	13	9	0.02	0.87	7
CO24613+	CO24335	3.24	26 1-	4ACSR	0	0	1675	335	196	13	9	0.02	0.88	5
CO24100+	CO24613	3.29	1 1-	4ACSR	0	0	1653	334	0	0	0	0.00	0.88	0
CO24614+	CO24613	3.30	25 1-	4ACSR	0	0	1649	334	196	13	9	0.02	0.90	6
CO-1190264589+	CO24614	3.42	2 1-	2ACSR	0	0	1610	332	19	1	1	0.00	0.90	0
CO-2044225376+	CO24614	3.32	22 1-	2ACSR	0	0	1644	334	176	11	7	0.00	0.90	0
CO409744936+	CO-2044225376	3.38	1 1-	2ACSR	0	0	1624	333	20	1	1	0.00	0.90	0
CO-2846681+	CO-2044225376	3.38	21 1-	1/0PRIURD	0	0	1628	744	157	10	7	0.01	0.91	0
CO1953311677+	CO-2846681	3.45	1 1-	1/0PRIURD	0	0	1609	740	12	0	1	0.00	0.91	0
CO1919252633+	CO-2846681	3.49	19 1-	1/0PRIURD	0	0	1600	738	144	9	6	0.01	0.92	2
CO-1271417986+	CO1919252633	3.56	19 1-	1/0PRIURD	0	0	1581	733	144	9	6	0.01	0.93	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1701690575+	CO-1271417986	3.73	2 1-	1/0PRIURD	0	0	1541	724	25	1	1	0.00	0.93	0
CO-1304916138+	CO-1271417986	3.72	5 1-	1/0PRIURD	0	0	1542	725	41	2	2	0.00	0.93	0
CO754933898+	CO-1304916138	3.78	3 1-	1/0PRIURD	0	0	1528	721	16	1	1	0.00	0.93	0
CO-1610551382+	CO-1271417986	3.62	10 1-	1/0PRIURD	0	0	1566	730	57	3	3	0.00	0.93	0
CO-1295843269+	CO-1610551382	3.70	9 1-	1/0PRIURD	0	0	1546	726	48	3	2	0.00	0.93	0
CO423793199+	CO-1295843269	3.79	9 1-	1/0PRIURD	0	0	1525	720	48	3	2	0.00	0.94	0
CO-1694195908+	CO423793199	3.88	7 1-	1/0PRIURD	0	0	1505	716	33	2	1	0.00	0.94	0
CO-1064174532+	CO-1694195908	3.89	3 1-	1/0PRIURD	0	0	1502	715	17	1	1	0.00	0.94	0
CO-150473200+	CO-1064174532	4.01	3 1-	2/0ACSR	0	0	1476	327	17	1	0	0.00	0.94	0
CO-1374902857+	CO-1694195908	3.99	3 1-	1/0PRIURD	0	0	1479	710	11	0	0	0.00	0.94	0
CO-6178535+	CO-1374902857	4.07	2 1-	1/0PRIURD	0	0	1463	706	7	0	0	0.00	0.94	0
CO-288554623+	CO-6178535	4.11	1 1-	1/0PRIURD	0	0	1453	703	7	0	0	0.00	0.94	0
CO-111161149+	CO-288554623	4.17	1 1-	1/0PRIURD	0	0	1442	701	7	0	0	0.00	0.94	0
CO-1605796178+	CO-1610551382	3.63	1 1-	1/0PRIURD	0	0	1563	729	9	0	0	0.00	0.93	0
CO24334+	CO24336	3.15	0 1-	4ACSR	0	0	1707	337	0	0	0	0.00	0.84	0
CO24797+	CO24355	2.92	50 3-	1/0ACSR	2094	2006	1806	343	362	8	4	0.00	0.78	0
OC742+	CO24797	2.92	50 3-	70 L OCR	2094	2006	1806	343	362	8	12	0.00	0.78	0
CO24798+	OC742	2.93	50 3-	1/0ACSR	2090	2002	1802	342	362	8	4	0.00	0.78	0
CO24318+	CO24798	3.11	50 3-	1/0ACSR	2040	1949	1746	341	362	8	4	0.01	0.80	7
CO24322+	CO24318	3.20	40 1-	4ACSR	0	0	1708	339	186	12	9	0.03	0.82	8
CO24323+	CO24322	3.28	40 1-	4ACSR	0	0	1679	337	186	12	9	0.02	0.85	7
CO23943+	CO24323	3.35	39 1-	4ACSR	0	0	1649	335	184	12	9	0.02	0.87	7
CO24097+	CO23943	3.41	1 1-	4ACSR	0	0	1628	334	10	0	0	0.00	0.87	0
CO23944+	CO23943	3.39	38 1-	4ACSR	0	0	1637	335	174	11	9	0.01	0.88	3
XFMR65	CO23944	3.39	38 1-	333 KVA 1PH AUT	0	0	988	175	174	11	52	0.50	1.38	0
CO24631	XFMR65	3.41	38 1-	4ACSR	0	0	983	175	174	23	17	0.03	1.40	7
CO24632	CO24631	3.43	38 1-	4ACSR	0	0	980	174	174	23	17	0.02	1.42	4
CO24324	CO24632	3.48	38 1-	4ACSR	0	0	968	174	174	23	17	0.06	1.48	16
CO24098	CO24324	3.53	0 1-	4ACSR	0	0	956	173	0	0	0	0.00	1.48	0
CO23945	CO24324	3.51	32 1-	4ACSR	0	0	960	173	152	20	15	0.04	1.51	9
CO23946	CO23945	3.54	15 1-	4ACSR	0	0	955	173	82	11	8	0.01	1.52	0
CO24492	CO23946	3.55	2 1-	4ACSR	0	0	952	173	10	1	1	0.00	1.52	0
CO24495	CO24492	3.73	1 1-	4ACSR	0	0	913	171	8	1	1	0.01	1.53	0
CO24493	CO24495	3.83	1 1-	4ACSR	0	0	890	170	8	1	1	0.01	1.54	0
CO24494	CO24493	3.84	1 1-	4ACSR	0	0	889	170	8	1	1	0.00	1.54	0
CO24325	CO23946	3.58	13 1-	4ACSR	0	0	945	173	71	9	7	0.02	1.54	2
CO24327	CO24325	3.63	12 1-	4ACSR	0	0	934	172	71	9	7	0.02	1.57	2
CO24326	CO24327	3.70	11 1-	4ACSR	0	0	919	171	66	9	7	0.03	1.59	3
CO24959	CO24326	3.70	4 1-	1/0PRIURD	0	0	919	399	13	1	1	0.00	1.59	0
CO24960	CO24959	3.77	4 1-	1/0PRIURD	0	0	908	396	13	1	1	0.00	1.60	0
CO24788	CO24960	3.82	2 1-	1/0PRIURD	0	0	900	395	7	0	1	0.00	1.60	0
CO24950	CO24326	3.78	3 1-	1/0PRIURD	0	0	907	396	16	2	1	0.00	1.60	0
CO24787	CO24950	3.82	3 1-	1/0PRIURD	0	0	900	395	16	2	1	0.00	1.60	0
CO24786	CO24787	3.86	2 1-	1/0PRIURD	0	0	895	394	8	1	1	0.00	1.60	0
CO24785	CO24326	3.73	4 1-	1/0PRIURD	0	0	914	398	38	5	3	0.00	1.60	0
CO24782	CO23945	3.56	17 1-	1/0PRIURD	0	0	952	409	70	9	6	0.01	1.52	0
CO24784	CO24782	3.62	17 1-	1/0PRIURD	0	0	943	407	70	9	6	0.01	1.53	0
CO24783	CO24784	3.71	14 1-	1/0PRIURD	0	0	929	404	54	7	5	0.01	1.55	0
CO24878	CO24783	3.71	0 1-	1/0PRIURD	0	0	928	404	0	0	0	0.00	1.55	0
CO24877	CO24878	3.72	0 1-	1/0PRIURD	0	0	927	404	0	0	0	0.00	1.55	0
CO24496	CO24783	3.74	8 1-	1/0PRIURD	0	0	923	403	39	5	4	0.00	1.55	0
CO24633	CO24496	3.79	6 1-	1/0PRIURD	0	0	915	401	30	4	3	0.00	1.55	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24333	CO24324	3.55	6 1-	4ACSR	0	0	952	173	22	2	2	0.01	1.49	0
CO24328	CO24333	3.61	6 1-	4ACSR	0	0	940	172	22	2	2	0.01	1.49	0
CO24332	CO24328	3.64	6 1-	4ACSR	0	0	933	172	22	2	2	0.00	1.50	0
CO24329	CO24332	3.71	6 1-	4ACSR	0	0	918	171	22	2	2	0.01	1.51	0
CO24331	CO24329	3.75	6 1-	4ACSR	0	0	908	171	22	2	2	0.01	1.51	0
CO24330	CO24331	3.78	6 1-	4ACSR	0	0	903	170	22	2	2	0.00	1.52	0
CO24955	CO24330	3.82	5 1-	1/0PRIURD	0	0	896	392	21	2	2	0.00	1.52	0
CO24789	CO24955	3.96	4 1-	1/0PRIURD	0	0	875	388	10	1	1	0.00	1.52	0
CO24790	CO24789	4.00	1 1-	1/0PRIURD	0	0	870	387	4	0	0	0.00	1.52	0
CO24951	CO24790	4.06	0 1-	1/0PRIURD	0	0	860	385	0	0	0	0.00	1.52	0
CO24498	CO24330	3.91	1 1-	2ACSR	0	0	878	169	1	0	0	0.00	1.52	0
CO24497	CO24498	3.95	1 1-	2ACSR	0	0	870	169	1	0	0	0.00	1.52	0
CO24629+	CO24323	3.31	1 1-	4ACSR	0	0	1667	336	2	0	0	0.00	0.85	0
CO24630+	CO24629	3.32	0 1-	4ACSR	0	0	1660	336	0	0	0	0.00	0.85	0
CO24320+	CO24318	3.16	10 3-	1/0ACSR	2024	1932	1728	340	176	4	2	0.00	0.80	0
CO24319+	CO24320	3.22	10 3-	1/0ACSR	2008	1915	1711	339	176	4	2	0.00	0.80	0
CO24763+	CO24319	3.35	7 3-	1/0ACSR	1972	1877	1672	338	137	3	1	0.00	0.80	0
CO24764+	CO24763	3.47	7 3-	1/0ACSR	1939	1843	1636	337	137	3	1	0.00	0.81	0
CO24503+	CO24764	3.68	2 1-	2ACSR	0	0	1572	334	69	4	3	0.01	0.82	0
CO24504+	CO24503	3.80	1 1-	2ACSR	0	0	1536	332	24	1	1	0.00	0.82	0
CO24321+	CO24764	3.52	5 3-	1/0ACSR	1927	1829	1623	336	68	1	1	0.00	0.81	0
CO23942+	CO24321	3.73	5 1-	4ACSR	0	0	1550	332	68	4	3	0.02	0.83	2
CO24963+	CO23942	3.89	5 1-	4ACSR	0	0	1496	329	68	4	3	0.02	0.85	0
CO24634+	CO24963	3.90	3 1-	4ACSR	0	0	1491	328	29	2	1	0.00	0.85	0
CO24961+	CO24634	3.93	2 1-	4ACSR	0	0	1483	328	29	2	1	0.00	0.85	0
CO24962+	CO24961	3.95	1 1-	4ACSR	0	0	1477	327	16	1	1	0.00	0.85	0
CO24491+	CO24963	3.97	1 1-	4ACSR	0	0	1468	327	26	1	1	0.00	0.85	0
CO24342+	CO23942	3.81	0 1-	4ACSR	0	0	1521	330	0	0	0	0.00	0.83	0
CO24340+	CO24342	4.00	0 1-	4ACSR	0	0	1459	326	0	0	0	0.00	0.83	0
CO24637+	CO24340	4.05	0 1-	4ACSR	0	0	1443	325	0	0	0	0.00	0.83	0
CO24638+	CO24637	4.10	0 1-	4ACSR	0	0	1429	324	0	0	0	0.00	0.83	0
CO24341+	CO24638	4.19	0 1-	4ACSR	0	0	1400	322	0	0	0	0.00	0.83	0
CO24616+	CO24319	3.25	3 1-	4ACSR	0	0	1700	339	40	2	2	0.00	0.80	0
CO24617+	CO24616	3.28	2 1-	4ACSR	0	0	1687	338	27	1	1	0.00	0.80	0
CO-686199376+	CO24617	3.32	1 1-	2ACSR	0	0	1674	338	10	0	0	0.00	0.80	0
CO24317+	CO24350	2.72	580 3-	1/0ACSR	2152	2069	1874	345	3158	71	31	0.03	0.78	132
CO24096+	CO24317	2.77	0 1-	4ACSR	0	0	1853	344	0	0	0	0.00	0.78	0
CO24535+	CO24317	2.81	580 3-	1/0ACSR	2126	2040	1843	344	3158	71	31	0.05	0.84	258
CO24534+	CO24535	2.89	580 3-	1/0ACSR	2101	2014	1815	343	3157	71	31	0.05	0.89	239
CO24095+	CO24534	3.01	2 1-	4ACSR	0	0	1768	340	5	0	0	0.00	0.89	0
CO24107+	CO24095	3.04	2 1-	4ACSR	0	0	1753	340	5	0	0	0.00	0.89	0
CO23941+	CO24534	2.97	578 3-	1/0ACSR	2079	1990	1790	342	3151	71	31	0.05	0.93	220
CO24094+	CO23941	3.12	1 1-	4ACSR	0	0	1728	339	0	0	0	0.00	0.93	0
CO24537+	CO23941	3.16	576 3-	1/0ACSR	2025	1933	1729	340	3144	71	31	0.11	1.05	546
CO24536+	CO24537	3.18	576 3-	1/0ACSR	2019	1927	1723	340	3142	71	31	0.01	1.06	57
CO24093+	CO24536	3.25	1 1-	4ACSR	0	0	1694	338	0	0	0	0.00	1.06	0
CO24315+	CO24536	3.23	574 3-	1/0ACSR	2006	1913	1709	339	3136	70	31	0.03	1.09	140
CO24316+	CO24315	3.25	574 3-	1/0ACSR	1999	1906	1701	339	3136	70	31	0.02	1.11	73
CO24343+	CO24316	3.40	2 1-	4ACSR	0	0	1646	336	1	0	0	0.00	1.11	0
CO24346+	CO24343	3.43	1 1-	4ACSR	0	0	1633	335	0	0	0	0.00	1.11	0
CO24344+	CO24346	3.48	1 1-	4ACSR	0	0	1616	334	0	0	0	0.00	1.11	0
CO24345+	CO24344	3.61	0 1-	4ACSR	0	0	1568	331	0	0	0	0.00	1.11	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24314+	CO24316	3.29	572 3-	1/0ACSR	1989	1895	1690	339	3135	70	31	0.02	1.13	102
CO24766+	CO24314	3.30	572 3-	1/0ACSR	1986	1892	1687	339	3135	70	31	0.01	1.13	31
CO24765+	CO24766	3.38	572 3-	1/0ACSR	1965	1870	1664	338	3134	70	31	0.05	1.18	225
CO24092+	CO24765	3.41	2 1-	4ACSR	0	0	1653	337	18	1	1	0.00	1.18	0
CO2056979915+	CO24092	3.45	0 1-	2ACSR	0	0	1640	337	0	0	0	0.00	1.18	0
CO23940+	CO24765	3.46	568 3-	1/0ACSR	1943	1846	1640	337	3108	70	31	0.05	1.23	242
CO24091+	CO23940	3.49	2 1-	4ACSR	0	0	1629	336	6	0	0	0.00	1.23	0
CO23938+	CO23940	3.52	78 3-	1/0ACSR	1928	1830	1624	336	777	17	8	0.01	1.24	10
CO23939+	CO23938	3.55	72 3-	1/0ACSR	1919	1821	1614	336	761	17	8	0.01	1.25	6
CO24803+	CO23939	3.56	70 3-	1/0ACSR	1917	1819	1612	336	743	17	7	0.00	1.25	0
OC736+	CO24803	3.56	70 3-	50 E OCR	1917	1819	1612	336	743	17	34	0.00	1.25	0
CO24804+	OC736	3.67	70 3-	1/0ACSR	1889	1789	1583	335	743	17	7	0.02	1.26	19
CO24313+	CO24804	3.73	70 3-	1/0ACSR	1874	1774	1568	334	743	17	7	0.01	1.27	10
CO24639+	CO24313	3.78	70 3-	1/0ACSR	1861	1760	1553	334	743	17	7	0.01	1.28	9
CO24640+	CO24639	3.83	70 3-	1/0ACSR	1849	1748	1541	333	743	17	7	0.01	1.29	8
CO24641+	CO24640	3.91	70 3-	1/0ACSR	1828	1727	1520	332	743	17	7	0.01	1.30	14
CO24642+	CO24641	3.96	69 3-	1/0ACSR	1817	1714	1508	332	741	17	7	0.01	1.31	8
CO24103+	CO24642	4.02	1 1-	4ACSR	0	0	1490	331	0	0	0	0.00	1.31	0
CO24643+	CO24642	4.08	68 3-	1/0ACSR	1790	1687	1481	331	741	17	7	0.02	1.33	19
CO24644+	CO24643	4.11	68 3-	1/0ACSR	1781	1678	1472	330	741	17	7	0.01	1.33	6
CO24309+	CO24644	4.16	67 3-	1/0ACSR	1771	1666	1461	330	729	16	7	0.01	1.34	8
CO24105+	CO24309	4.18	1 1-	4ACSR	0	0	1455	329	4	0	0	0.00	1.34	0
CO24104+	CO24309	4.19	0 1-	4ACSR	0	0	1452	329	0	0	0	0.00	1.34	0
CO24312+	CO24309	4.24	66 3-	1/0ACSR	1753	1649	1444	329	726	16	7	0.01	1.35	12
CO24310+	CO24312	4.37	66 3-	1/0ACSR	1724	1619	1414	328	726	16	7	0.02	1.37	21
CO24311+	CO24310	4.45	65 3-	1/0ACSR	1708	1602	1398	327	703	16	7	0.01	1.38	11
CO24106+	CO24311	4.48	1 1-	4ACSR	0	0	1387	326	14	0	1	0.00	1.38	0
CO24956+	CO24311	4.72	64 3-	1/0ACSR	1650	1543	1342	324	690	15	7	0.04	1.42	40
CO24957+	CO24956	4.80	64 3-	1/0ACSR	1635	1527	1327	323	689	15	7	0.01	1.43	11
CO24304+	CO24957	4.98	64 3-	1/0ACSR	1599	1491	1292	322	689	15	7	0.03	1.46	26
CO24308+	CO24304	5.04	64 3-	1/0ACSR	1588	1480	1282	321	689	15	7	0.01	1.47	8
CO24305+	CO24308	5.08	64 3-	1/0ACSR	1579	1471	1273	321	689	15	7	0.01	1.47	7
CO24307+	CO24305	5.18	64 3-	1/0ACSR	1561	1453	1256	320	689	15	7	0.01	1.49	14
CO24306+	CO24307	5.22	64 3-	1/0ACSR	1553	1445	1249	319	689	15	7	0.01	1.49	6
CO24286+	CO24306	5.27	22 3-	1/0ACSR	1544	1436	1240	319	70	1	1	0.00	1.49	0
CO24074+	CO24286	5.32	1 1-	4ACSR	0	0	1230	318	0	0	0	0.00	1.49	0
CO24073+	CO24286	5.31	0 1-	4ACSR	0	0	1231	318	0	0	0	0.00	1.49	0
CO23929+	CO24286	5.31	20 1-	4ACSR	0	0	1231	318	70	4	3	0.00	1.50	0
CO24881+	CO23929	5.36	20 1-	4ACSR	0	0	1221	317	70	4	3	0.00	1.50	0
XFMR63	CO24881	5.36	20 1-	333 KVA 1PH AUT	0	0	903	172	70	4	21	0.22	1.72	0
CO24879	XFMR63	5.36	20 1-	4ACSR	0	0	902	172	70	9	7	0.00	1.73	0
OC723	CO24879	5.36	20 1-	25 E OCR	0	0	902	172	70	9	39	0.00	1.73	0
CO24880	OC723	5.42	20 1-	4ACSR	0	0	891	172	70	9	7	0.02	1.75	3
CO24287	CO24880	5.53	20 1-	4ACSR	0	0	869	170	70	9	7	0.05	1.80	6
CO24289	CO24287	5.66	17 1-	4ACSR	0	0	843	169	55	7	5	0.05	1.85	4
CO24288	CO24289	5.71	17 1-	4ACSR	0	0	835	169	55	7	5	0.02	1.86	0
CO24475	CO24288	5.76	4 1-	4ACSR	0	0	824	168	19	2	2	0.01	1.87	0
CO24474	CO24475	5.82	3 1-	4ACSR	0	0	814	167	8	1	1	0.00	1.87	0
CO24075	CO24475	5.78	0 1-	4ACSR	0	0	821	168	0	0	0	0.00	1.87	0
CO24645	CO24288	5.75	12 1-	4ACSR	0	0	827	168	36	5	4	0.01	1.87	0
CO24646	CO24645	5.77	10 1-	4ACSR	0	0	822	168	27	3	3	0.00	1.88	0
CO24647	CO24646	5.82	9 1-	4ACSR	0	0	813	167	22	3	2	0.01	1.88	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24970	CO24647	5.94	8 1-	4ACSR	0	0	792	166	22	3	2	0.02	1.90	0
CO24220	CO24970	6.18	8 1-	4ACSR	0	0	751	164	22	3	2	0.03	1.93	0
CO24222	CO24220	6.28	7 1-	4ACSR	0	0	733	163	22	3	2	0.01	1.95	0
CO24221	CO24222	6.40	7 1-	4ACSR	0	0	713	161	22	3	2	0.02	1.96	0
CO24453	CO24221	6.49	3 1-	4ACSR	0	0	700	161	10	1	1	0.00	1.97	0
CO24454	CO24453	6.57	1 1-	4ACSR	0	0	688	160	5	0	1	0.00	1.97	0
CO23882	CO24221	6.49	4 1-	4ACSR	0	0	700	161	12	1	1	0.01	1.97	0
CO24760	CO23882	6.50	3 1-	4ACSR	0	0	698	160	4	0	0	0.00	1.97	0
CO24761	CO24760	6.56	2 1-	4ACSR	0	0	689	160	3	0	0	0.00	1.97	0
CO24456	CO24761	6.62	2 1-	4ACSR	0	0	680	159	3	0	0	0.00	1.97	0
CO24455	CO24456	6.65	2 1-	4ACSR	0	0	676	159	3	0	0	0.00	1.97	0
CO24024	CO23882	6.58	1 1-	4ACSR	0	0	686	160	8	1	1	0.00	1.97	0
CO24023	CO24220	6.25	0 1-	4ACSR	0	0	739	163	0	0	0	0.00	1.93	0
CO24076	CO24287	5.61	3 1-	4ACSR	0	0	853	170	15	2	1	0.00	1.81	0
CO1608489873	CO24076	5.66	1 1-	2ACSR	0	0	844	169	0	0	0	0.00	1.81	0
CO24285+	CO24306	5.27	42 3-	1/0ACSR	1544	1435	1240	319	619	14	6	0.01	1.50	6
CO24636+	CO24285	5.32	42 3-	1/0ACSR	1536	1427	1232	318	619	14	6	0.01	1.51	5
CO24635+	CO24636	5.35	42 3-	1/0ACSR	1531	1422	1227	318	619	14	6	0.00	1.51	3
CO23927+	CO24635	5.52	41 3-	1/0ACSR	1500	1392	1199	316	619	14	6	0.02	1.53	20
CO24276+	CO23927	5.55	4 3-	4ACSR	1494	1388	1193	316	29	0	0	0.00	1.53	0
CO24768+	CO24276	5.57	4 3-	4ACSR	1488	1382	1188	315	29	0	0	0.00	1.53	0
CO24769+	CO24768	5.59	3 3-	4ACSR	1485	1380	1185	315	4	0	0	0.00	1.53	0
CO23928+	CO24769	5.80	3 3-	4ACSR	1433	1336	1139	311	4	0	0	0.00	1.53	0
CO24280+	CO23928	5.84	3 3-	4ACSR	1424	1328	1131	310	4	0	0	0.00	1.53	0
CO24277+	CO24280	5.91	3 3-	4ACSR	1409	1315	1118	309	4	0	0	0.00	1.53	0
CO24279+	CO24277	5.92	3 3-	4ACSR	1406	1313	1115	309	4	0	0	0.00	1.53	0
CO24278+	CO24279	6.09	3 3-	4ACSR	1367	1280	1082	306	4	0	0	0.00	1.53	0
CO24284+	CO24278	6.16	1 1-	2ACSR	0	0	1072	305	2	0	0	0.00	1.53	0
CO24281+	CO24284	6.66	1 1-	2ACSR	0	0	998	299	2	0	0	0.00	1.53	0
CO24283+	CO24281	6.76	1 1-	2ACSR	0	0	986	298	2	0	0	0.00	1.53	0
CO24282+	CO24283	6.91	1 1-	2ACSR	0	0	966	296	2	0	0	0.00	1.53	0
CO23934+	CO24278	6.41	1 1-	4ACSR	0	0	1023	300	1	0	0	0.00	1.53	0
CO24072+	CO23928	5.99	0 1-	4ACSR	0	0	1101	308	0	0	0	0.00	1.53	0
CO24648+	CO24769	5.66	0 1-	4ACSR	0	0	1169	314	0	0	0	0.00	1.53	0
CO24649+	CO24648	5.74	0 1-	4ACSR	0	0	1153	312	0	0	0	0.00	1.53	0
CO24650+	CO23927	5.63	36 3-	1/0ACSR	1482	1376	1182	315	589	13	6	0.01	1.55	11
CO24651+	CO24650	5.76	35 3-	1/0ACSR	1460	1355	1161	314	589	13	6	0.02	1.56	14
CO24652+	CO24651	5.86	35 3-	1/0ACSR	1445	1342	1148	313	588	13	6	0.01	1.57	10
CO24078+	CO24652	5.89	1 1-	4ACSR	0	0	1140	313	1	0	0	0.00	1.57	0
CO24077+	CO24652	5.95	1 1-	4ACSR	0	0	1129	311	0	0	0	0.00	1.57	0
CO23930+	CO24652	5.95	33 3-	1/0ACSR	1430	1328	1134	312	588	13	6	0.01	1.58	10
CO24290+	CO23930	6.12	33 3-	1/0ACSR	1403	1304	1110	311	588	13	6	0.02	1.60	18
CO24291+	CO24290	6.23	33 3-	1/0ACSR	1387	1289	1095	310	588	13	6	0.01	1.62	11
CO24080+	CO24291	6.29	0 1-	4ACSR	0	0	1083	309	0	0	0	0.00	1.62	0
CO24654+	CO24291	6.27	33 3-	1/0ACSR	1380	1283	1089	309	588	13	6	0.01	1.62	5
CO24655+	CO24654	6.32	32 3-	1/0ACSR	1373	1276	1083	309	581	13	6	0.01	1.63	5
CO24292+	CO24655	6.41	32 3-	1/0ACSR	1361	1265	1072	308	581	13	6	0.01	1.64	9
CO24476+	CO24292	6.48	0 1-	4ACSR	0	0	1058	307	0	0	0	0.00	1.64	0
CO24477+	CO24476	6.60	0 1-	4ACSR	0	0	1038	305	0	0	0	0.00	1.64	0
CO23931+	CO24292	6.52	9 3-	1/0ACSR	1344	1250	1057	307	491	11	5	0.01	1.65	8
CO24483+	CO23931	6.55	0 1-	4ACSR	0	0	1052	307	0	0	0	0.00	1.65	0
CO24484+	CO24483	6.68	0 1-	4ACSR	0	0	1029	304	0	0	0	0.00	1.65	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24293+	CO23931	6.56	9 3-	1/0ACSR	1339	1245	1053	307	491	11	5	0.00	1.65	3
CO24298+	CO24293	6.61	9 3-	1/0ACSR	1332	1239	1046	306	491	11	5	0.01	1.66	4
CO24294+	CO24298	6.63	9 3-	1/0ACSR	1329	1236	1044	306	491	11	5	0.00	1.66	0
CO24297+	CO24294	6.68	9 3-	1/0ACSR	1322	1229	1037	306	491	11	5	0.01	1.67	4
CO24295+	CO24297	6.73	9 3-	1/0ACSR	1316	1224	1032	305	491	11	5	0.00	1.67	3
CO24296+	CO24295	6.77	9 3-	1/0ACSR	1309	1218	1026	305	491	11	5	0.00	1.68	4
CO24081+	CO24296	6.84	0 1-	4ACSR	0	0	1015	304	0	0	0	0.00	1.68	0
CO24873+	CO24296	6.89	5 1-	4ACSR	0	0	1007	303	20	1	1	0.00	1.68	0
CO24487+	CO24873	6.93	5 1-	4ACSR	0	0	1001	302	20	1	1	0.00	1.68	0
CO24087+	CO24487	6.98	1 1-	4ACSR	0	0	993	301	12	0	1	0.00	1.68	0
CO24486+	CO24487	7.02	4 1-	4ACSR	0	0	986	300	9	0	0	0.00	1.68	0
CO24301+	CO24296	6.81	4 3-	4ACSR	1302	1212	1020	304	471	10	8	0.01	1.69	6
CO24299+	CO24301	6.87	4 3-	4ACSR	1291	1202	1010	303	471	10	8	0.01	1.70	10
CO24300+	CO24299	6.88	4 3-	4ACSR	1289	1201	1009	303	471	10	8	0.00	1.70	0
CO24482+	CO24300	6.91	3 3-	2ACSR	1284	1196	1004	303	2	0	0	0.00	1.70	0
CO24864+	CO24482	7.03	1 1-	4ACSR	0	0	985	300	0	0	0	0.00	1.70	0
CO24481+	CO24482	6.97	1 3-	2ACSR	1275	1189	997	302	0	0	0	0.00	1.70	0
CO24865+	CO24481	7.04	0 3-	2ACSR	1264	1178	987	301	0	0	0	0.00	1.70	0
CO24480+	CO24300	6.92	1 3-	4ACSR	1280	1193	1001	302	468	10	8	0.01	1.71	8
CO24478+	CO24480	6.97	0 3-	4ACSR	1270	1185	993	301	0	0	0	0.00	1.71	0
CO24479+	CO24478	7.01	0 3-	4ACSR	1263	1179	987	301	0	0	0	0.00	1.71	0
CO24952+	CO24480	6.95	1 3-	1/0PRIURD	1278	1192	1000	584	468	10	7	0.00	1.71	0
140553025+	CO24952	6.95	1 3-	Consumer	1278	1192	1000	584	468	10	0	0.00	1.71	0
CO24805+	CO24292	6.41	23 1-	4ACSR	0	0	1070	308	89	6	4	0.00	1.64	0
OC735+	CO24805	6.41	23 1-	25 E OCR	0	0	1070	308	89	6	25	0.00	1.64	0
CO24806+	OC735	6.43	23 1-	4ACSR	0	0	1067	308	89	6	4	0.00	1.64	0
CO24656+	CO24806	6.54	22 1-	4ACSR	0	0	1048	306	85	5	4	0.01	1.66	0
CO24302+	CO24656	6.58	22 1-	4ACSR	0	0	1041	305	85	5	4	0.01	1.66	0
CO24084+	CO24302	6.60	0 1-	4ACSR	0	0	1037	305	0	0	0	0.00	1.66	0
CO23932+	CO24302	6.63	22 1-	4ACSR	0	0	1032	304	85	5	4	0.01	1.67	0
CO24082+	CO23932	6.66	1 1-	4ACSR	0	0	1027	304	2	0	0	0.00	1.67	0
CO24657+	CO23932	6.64	21 1-	4ACSR	0	0	1030	304	83	5	4	0.00	1.67	0
CO24658+	CO24657	6.67	20 1-	4ACSR	0	0	1025	303	82	5	4	0.00	1.68	0
CO24083+	CO24658	6.74	4 1-	4ACSR	0	0	1014	302	19	1	1	0.00	1.68	0
CO24303+	CO24658	6.70	16 1-	4ACSR	0	0	1019	303	63	4	3	0.00	1.68	0
CO24659+	CO24303	6.75	15 1-	4ACSR	0	0	1011	302	61	4	3	0.00	1.68	0
CO24863+	CO24659	6.89	9 1-	4ACSR	0	0	989	300	53	3	3	0.01	1.69	0
CO24664+	CO24863	6.95	6 1-	4ACSR	0	0	979	298	46	3	2	0.00	1.70	0
CO24088+	CO24664	6.99	1 1-	4ACSR	0	0	973	298	14	0	1	0.00	1.70	0
CO24762+	CO24664	6.98	3 1-	4ACSR	0	0	974	298	20	1	1	0.00	1.70	0
CO24862+	CO24762	7.04	1 1-	2ACSR	0	0	967	297	8	0	0	0.00	1.70	0
CO24485+	CO24862	7.10	1 1-	2ACSR	0	0	959	297	8	0	0	0.00	1.70	0
CO24488+	CO24762	6.99	2 1-	4ACSR	0	0	973	298	12	0	1	0.00	1.70	0
CO24660+	CO24863	6.92	3 1-	4ACSR	0	0	984	299	7	0	0	0.00	1.70	0
CO24661+	CO24660	7.00	2 1-	4ACSR	0	0	971	298	7	0	0	0.00	1.70	0
CO24662+	CO24661	7.02	1 1-	4ACSR	0	0	968	297	2	0	0	0.00	1.70	0
CO24663+	CO24662	7.04	0 1-	4ACSR	0	0	965	297	0	0	0	0.00	1.70	0
CO24079+	CO23930	6.04	0 1-	4ACSR	0	0	1115	311	0	0	0	0.00	1.58	0
CO24653+	CO23930	6.07	0 1-	4ACSR	0	0	1110	310	0	0	0	0.00	1.58	0
CO24627+	CO23939	3.59	2 1-	4ACSR	0	0	1602	335	18	1	1	0.00	1.25	0
CO24628+	CO24627	3.67	0 1-	4ACSR	0	0	1574	334	0	0	0	0.00	1.25	0
CO24490+	CO23938	3.56	6 1-	4ACSR	0	0	1610	335	16	1	1	0.00	1.24	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24625+	CO24490	3.62	5 1-	4ACSR	0	0	1589	334	12	0	1	0.00	1.24	0
CO24626+	CO24625	3.62	4 1-	4ACSR	0	0	1587	334	12	0	1	0.00	1.24	0
CO24489+	CO24490	3.59	0 1-	4ACSR	0	0	1598	335	0	0	0	0.00	1.24	0
CO24802+	CO23940	3.47	486 3-	1/0ACSR	1941	1844	1638	337	2307	51	23	0.00	1.23	10
SW10-A+	CO24802	3.47	486 3-	Closed	1941	1844	1638	337	2307	51	0	0.00	1.23	0
SW10-B+	SW10-A	3.47	486 3-	Closed	1941	1844	1638	337	2307	51	0	0.00	1.23	0
CO24801+	SW10-B	3.61	486 3-	1/0ACSR	1903	1805	1598	335	2307	51	23	0.06	1.30	225
CO24110+	CO24801	3.63	0 3-	2ACSR	1898	1799	1592	335	0	0	0	0.00	1.30	0
CO24102+	CO24801	3.65	1 1-	4ACSR	0	0	1585	335	1	0	0	0.00	1.30	0
CO23937+	CO24801	3.73	485 3-	1/0ACSR	1874	1774	1568	334	2305	51	23	0.05	1.35	176
CO23936+	CO23937	3.85	483 3-	1/0ACSR	1844	1743	1536	333	2301	51	23	0.05	1.40	191
CO24101+	CO23936	3.93	2 1-	4ACSR	0	0	1511	331	4	0	0	0.00	1.40	0
CO24539+	CO23936	3.91	481 3-	1/0ACSR	1828	1726	1520	332	2296	51	23	0.03	1.43	100
CO24538+	CO24539	4.02	481 3-	1/0ACSR	1803	1700	1494	331	2296	51	23	0.05	1.48	162
CO24860+	CO24538	4.28	63 1-	4ACSR	0	0	1414	326	341	23	17	0.15	1.62	80
CO24259+	CO24860	4.33	63 1-	4ACSR	0	0	1399	325	340	23	17	0.03	1.65	16
CO24258+	CO24259	4.40	62 1-	4ACSR	0	0	1380	324	334	23	17	0.03	1.68	19
XFMR62	CO24258	4.40	62 1-	333 KVA 1PH AUT	0	0	941	173	334	23	101	1.14	2.83	0
CO24263	XFMR62	4.58	62 1-	4ACSR	0	0	903	171	334	46	34	0.39	3.22	213
CO24265	CO24263	4.67	62 1-	4ACSR	0	0	883	170	333	46	34	0.21	3.43	114
CO24264	CO24265	4.71	62 1-	4ACSR	0	0	876	170	332	46	34	0.08	3.51	42
CO24061	CO24264	4.76	0 1-	4ACSR	0	0	866	169	0	0	0	0.00	3.51	0
CO24824	CO24264	4.72	62 1-	4ACSR	0	0	874	170	332	46	34	0.01	3.53	8
OC722	CO24824	4.72	62 1-	50 H OCR	0	0	874	170	332	46	94	0.00	3.53	0
CO24825	OC722	4.78	62 1-	4ACSR	0	0	862	169	332	46	34	0.13	3.65	70
CO23914	CO24825	5.17	60 1-	4ACSR	0	0	786	165	326	46	33	0.85	4.51	452
CO24472	CO23914	5.27	1 1-	4ACSR	0	0	769	164	11	1	1	0.01	4.51	0
CO24473	CO24472	5.34	1 1-	4ACSR	0	0	755	163	11	1	1	0.00	4.51	0
CO24542	CO23914	5.24	59 1-	4ACSR	0	0	774	164	313	44	32	0.13	4.64	68
CO24543	CO24542	5.27	57 1-	4ACSR	0	0	769	164	308	43	31	0.06	4.70	30
CO-848809188	CO24543	5.34	57 1-	2ACSR	0	0	758	163	308	43	24	0.11	4.80	50
CO1506591920	CO-848809188	5.38	56 1-	2ACSR	0	0	752	163	306	43	24	0.06	4.86	27
CO24260	CO1506591920	5.42	56 1-	4ACSR	0	0	745	163	305	43	31	0.08	4.94	42
CO24068	CO24260	5.48	2 1-	2ACSR	0	0	737	162	9	1	1	0.00	4.95	0
CO24544	CO24260	5.51	54 1-	4ACSR	0	0	729	162	297	42	30	0.18	5.12	88
CO24545	CO24544	5.65	54 1-	4ACSR	0	0	708	161	296	42	30	0.26	5.38	126
CO24470	CO24545	5.67	4 1-	4ACSR	0	0	703	160	40	5	4	0.01	5.39	0
CO24471	CO24470	5.73	1 1-	4ACSR	0	0	695	160	13	1	1	0.00	5.39	0
CO24067	CO24471	5.79	1 1-	2ACSR	0	0	688	159	13	1	1	0.00	5.40	0
CO24546	CO24470	5.72	2 1-	4ACSR	0	0	696	160	22	3	2	0.01	5.39	0
CO24547	CO24546	5.79	1 1-	4ACSR	0	0	685	159	13	1	1	0.00	5.40	0
CO-814490276	CO24545	5.71	50 1-	2ACSR	0	0	700	160	255	36	20	0.07	5.46	29
CO1419670082	CO-814490276	5.92	4 1-	2ACSR	0	0	673	159	26	3	2	0.03	5.48	0
CO24062	CO1419670082	5.96	1 1-	4ACSR	0	0	667	158	3	0	0	0.00	5.48	0
CO23916	CO1419670082	6.00	3 1-	4ACSR	0	0	661	158	23	3	2	0.01	5.49	0
CO24262	CO23916	6.06	2 1-	4ACSR	0	0	654	157	15	2	1	0.01	5.50	0
CO-1224744964	CO24262	6.11	1 1-	2ACSR	0	0	648	157	11	1	1	0.00	5.50	0
CO951817306	CO-1224744964	6.14	1 1-	2ACSR	0	0	644	157	11	1	1	0.00	5.50	0
CO-1197596423	CO-1224744964	6.14	0 1-	2ACSR	0	0	644	157	0	0	0	0.00	5.50	0
CO24842	CO-1197596423	6.15	0 1-	4ACSR	0	0	643	157	0	0	0	0.00	5.50	0
SW745-A	CO24842	6.15	0 1-	Open	0	0	643	157	0	0	0	0.00	5.50	0
CO24071	CO24262	6.11	1 1-	2ACSR	0	0	648	157	4	0	0	0.00	5.50	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24275	CO23916	6.07	1 1-	4ACSR	0	0	651	157	8	1	1	0.00	5.50	0
CO24273	CO24275	6.14	1 1-	4ACSR	0	0	643	157	8	1	1	0.00	5.50	0
CO24274	CO24273	6.23	1 1-	4ACSR	0	0	630	156	8	1	1	0.00	5.50	0
CO24548	CO-814490276	5.77	46 1-	4ACSR	0	0	691	160	229	32	23	0.09	5.54	33
CO24866	CO24548	5.90	46 1-	4ACSR	0	0	671	158	229	32	23	0.20	5.74	76
CO24018	CO24866	6.12	46 1-	4ACSR	0	0	639	156	229	32	23	0.35	6.09	131
CO24213	CO24018	6.34	46 1-	4ACSR	0	0	611	154	228	32	23	0.33	6.42	125
CO24210	CO24213	6.51	46 1-	4ACSR	0	0	590	153	227	32	23	0.25	6.67	95
CO24211	CO24210	6.56	46 1-	4ACSR	0	0	583	152	227	32	23	0.08	6.75	30
CO23880	CO24211	6.85	5 1-	4ACSR	0	0	552	150	12	1	1	0.02	6.78	0
CO24233	CO23880	7.12	3 1-	4ACSR	0	0	523	147	6	0	1	0.01	6.78	0
CO24232	CO24233	7.21	2 1-	4ACSR	0	0	515	147	4	0	0	0.00	6.79	0
CO24019	CO23880	7.00	2 1-	4ACSR	0	0	536	148	6	0	1	0.00	6.78	0
CO23879	CO24211	7.00	39 1-	4ACSR	0	0	536	148	180	26	19	0.49	7.24	142
CO24230	CO23879	7.14	0 1-	4ACSR	0	0	522	147	0	0	0	0.00	7.24	0
CO24231	CO24230	7.24	0 1-	4ACSR	0	0	513	146	0	0	0	0.00	7.24	0
CO-950287320	CO23879	7.10	36 1-	2ACSR	0	0	528	148	156	22	13	0.07	7.32	18
CO-1104928244	CO-950287320	7.17	34 1-	2ACSR	0	0	522	147	154	22	12	0.05	7.37	13
CO24219	CO-1104928244	7.29	29 1-	4ACSR	0	0	510	146	130	18	14	0.11	7.48	24
CO24217	CO24219	7.50	29 1-	4ACSR	0	0	492	145	130	18	14	0.18	7.66	40
CO24551	CO24217	7.77	29 1-	4ACSR	0	0	469	143	130	18	14	0.24	7.90	52
CO24552	CO24551	7.88	29 1-	4ACSR	0	0	460	142	129	18	14	0.09	7.99	18
CO24218	CO24552	8.20	28 1-	4ACSR	0	0	437	139	114	16	12	0.25	8.23	48
CO24971	CO24218	8.49	3 1-	4ACSR	0	0	417	137	12	1	1	0.02	8.26	0
CO24870	CO24971	8.54	1 1-	2ACSR	0	0	415	137	0	0	0	0.00	8.26	0
CO23996	CO24971	8.63	1 1-	4ACSR	0	0	408	136	7	1	1	0.00	8.26	0
CO23995	CO24971	8.60	1 1-	4ACSR	0	0	410	136	4	0	0	0.00	8.26	0
CO24871	CO24218	8.32	25 1-	4ACSR	0	0	428	138	102	15	11	0.08	8.32	15
CO24553	CO24871	8.47	25 1-	4ACSR	0	0	418	137	102	15	11	0.10	8.42	17
CO24554	CO24553	8.50	24 1-	4ACSR	0	0	416	137	92	13	10	0.02	8.44	3
CO24181	CO24554	8.64	24 1-	4ACSR	0	0	408	136	92	13	10	0.08	8.52	13
CO24182	CO24181	8.69	24 1-	4ACSR	0	0	404	136	92	13	10	0.04	8.56	6
CO24178	CO24182	8.76	1 1-	4ACSR	0	0	401	135	1	0	0	0.00	8.56	0
CO24180	CO24178	8.87	1 1-	4ACSR	0	0	394	134	1	0	0	0.00	8.56	0
CO24179	CO24180	8.98	1 1-	4ACSR	0	0	388	134	1	0	0	0.00	8.56	0
CO24891	CO24179	9.16	1 1-	4ACSR	0	0	378	132	1	0	0	0.00	8.56	0
CO24173	CO24182	9.04	23 1-	4ACSR	0	0	384	133	91	13	10	0.21	8.77	33
CO24555	CO24173	9.07	23 1-	4ACSR	0	0	383	133	91	13	10	0.02	8.79	3
CO24556	CO24555	9.15	23 1-	4ACSR	0	0	378	133	91	13	10	0.05	8.84	8
CO24174	CO24556	9.29	23 1-	4ACSR	0	0	371	132	91	13	10	0.09	8.92	13
CO24177	CO24174	9.35	23 1-	4ACSR	0	0	368	131	91	13	10	0.04	8.96	6
CO24557	CO24177	9.39	23 1-	4ACSR	0	0	365	131	91	13	10	0.03	8.99	4
CO24558	CO24557	9.42	22 1-	4ACSR	0	0	364	131	90	13	10	0.02	9.01	2
CO24559	CO24558	9.45	21 1-	4ACSR	0	0	363	131	78	11	8	0.01	9.02	0
CO24176	CO24559	9.49	18 1-	4ACSR	0	0	361	130	71	10	8	0.02	9.04	2
CO24175	CO24176	9.61	18 1-	4ACSR	0	0	355	129	71	10	8	0.06	9.10	7
CO24560	CO24175	9.64	18 1-	4ACSR	0	0	353	129	71	10	8	0.01	9.11	0
CO24561	CO24560	9.68	16 1-	4ACSR	0	0	352	129	60	8	6	0.02	9.13	0
CO24443	CO24561	9.69	2 1-	4ACSR	0	0	351	129	14	2	1	0.00	9.13	0
CO24444	CO24443	9.73	2 1-	4ACSR	0	0	349	129	14	2	1	0.00	9.13	0
CO24562	CO24561	9.86	13 1-	4ACSR	0	0	343	128	46	6	5	0.06	9.18	5
CO24563	CO24562	9.89	12 1-	4ACSR	0	0	342	128	46	6	5	0.01	9.19	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23998	CO24563	9.96	1 1-	4ACSR	0	0	339	127	5	0	1	0.00	9.19	0
CO23867	CO24563	9.94	11 1-	4ACSR	0	0	340	127	41	6	4	0.02	9.21	0
CO24565	CO23867	9.98	10 1-	4ACSR	0	0	338	127	39	5	4	0.01	9.22	0
CO-910681593	CO24565	10.00	9 1-	2ACSR	0	0	337	127	27	3	2	0.00	9.22	0
CO80649000	CO-910681593	10.05	3 1-	2ACSR	0	0	335	127	9	1	1	0.00	9.22	0
CO-411679842	CO-910681593	10.04	6 1-	2ACSR	0	0	336	127	17	2	1	0.00	9.22	0
CO268968995	CO-411679842	10.08	3 1-	4ACSR	0	0	334	127	11	1	1	0.00	9.23	0
CO-377622422	CO268968995	10.14	2 1-	2ACSR	0	0	332	126	11	1	1	0.00	9.23	0
CO-1435587402	CO-411679842	10.10	3 1-	4ACSR	0	0	333	126	6	0	1	0.00	9.22	0
CO24564	CO-1435587402	10.18	3 1-	4ACSR	0	0	330	126	6	0	1	0.00	9.23	0
CO24183	CO24564	10.24	3 1-	4ACSR	0	0	328	126	6	0	1	0.00	9.23	0
CO24445	CO24183	10.29	1 1-	4ACSR	0	0	325	125	0	0	0	0.00	9.23	0
CO24446	CO24445	10.37	1 1-	4ACSR	0	0	322	125	0	0	0	0.00	9.23	0
CO24767	CO24183	10.30	0 1-	4ACSR	0	0	325	125	0	0	0	0.00	9.23	0
CO24807	CO24767	10.36	0 1-	4ACSR	0	0	323	125	0	0	0	0.00	9.23	0
CO24808	CO24807	10.36	0 1-	4ACSR	0	0	322	125	0	0	0	0.00	9.23	0
SW744-A	CO24808	10.36	0 1-	Open	0	0	322	125	0	0	0	0.00	9.23	0
CO23868	CO24183	10.41	2 1-	4ACSR	0	0	321	125	6	0	1	0.01	9.24	0
CO24185	CO23868	10.50	1 1-	4ACSR	0	0	317	124	5	0	1	0.00	9.24	0
CO24184	CO24185	10.79	0 1-	4ACSR	0	0	306	122	0	0	0	0.00	9.24	0
CO23997	CO23868	10.46	1 1-	4ACSR	0	0	319	124	1	0	0	0.00	9.24	0
CO23999	CO24871	8.36	0 1-	2ACSR	0	0	426	138	0	0	0	0.00	8.32	0
CO24022	CO24218	8.30	0 1-	4ACSR	0	0	430	139	0	0	0	0.00	8.23	0
CO24214	CO-1104928244	7.22	5 1-	4ACSR	0	0	517	147	24	3	2	0.01	7.38	0
CO24216	CO24214	7.24	5 1-	4ACSR	0	0	516	147	24	3	2	0.00	7.38	0
CO24215	CO24216	7.47	5 1-	4ACSR	0	0	495	145	24	3	2	0.04	7.42	0
CO24021	CO24215	7.56	3 1-	4ACSR	0	0	486	144	15	2	2	0.00	7.42	0
CO24020	CO24215	7.56	2 1-	4ACSR	0	0	486	144	9	1	1	0.00	7.42	0
CO-326617151	CO-950287320	7.12	2 1-	2ACSR	0	0	526	148	2	0	0	0.00	7.32	0
CO24549	CO24211	6.62	1 1-	4ACSR	0	0	577	152	11	1	1	0.00	6.76	0
CO24550	CO24549	6.69	1 1-	4ACSR	0	0	569	151	11	1	1	0.00	6.76	0
CO1111342200	CO-848809188	5.54	1 1-	2ACSR	0	0	730	162	2	0	0	0.00	4.80	0
CO24540	CO24825	4.94	2 1-	4ACSR	0	0	830	167	5	0	1	0.01	3.66	0
CO24541	CO24540	5.06	1 1-	4ACSR	0	0	807	166	5	0	1	0.00	3.66	0
CO24070+	CO24259	4.46	1 1-	2ACSR	0	0	1369	323	7	0	0	0.00	1.65	0
CO23935+	CO24538	4.13	415 3-	1/0ACSR	1777	1673	1467	330	1939	43	19	0.04	1.52	124
CO24086+	CO23935	4.19	0 1-	4ACSR	0	0	1450	329	0	0	0	0.00	1.52	0
CO24624+	CO23935	4.24	415 3-	1/0ACSR	1754	1649	1444	329	1938	43	19	0.04	1.55	112
CO24859+	CO24624	4.44	415 3-	1/0ACSR	1710	1604	1400	327	1938	43	19	0.07	1.62	218
CO24060+	CO24859	4.51	1 1-	4ACSR	0	0	1378	325	7	0	0	0.00	1.63	0
CO23913+	CO24859	4.64	414 3-	1/0ACSR	1666	1559	1357	325	1930	43	19	0.07	1.70	222
CO24059+	CO23913	4.74	0 1-	4ACSR	0	0	1332	323	0	0	0	0.00	1.70	0
CO23912+	CO23913	4.83	414 3-	1/0ACSR	1628	1520	1320	323	1929	43	19	0.07	1.77	205
CO24257+	CO23912	4.95	413 3-	1/0ACSR	1605	1497	1298	322	1925	43	19	0.04	1.81	124
CO24256+	CO24257	5.14	413 3-	1/0ACSR	1569	1461	1264	320	1924	43	19	0.07	1.87	204
CO23910+	CO24256	5.27	408 3-	1/0ACSR	1544	1435	1240	319	1900	42	19	0.05	1.92	144
CO24054+	CO23910	5.33	1 1-	4ACSR	0	0	1227	318	4	0	0	0.00	1.92	0
CO24701+	CO23910	5.43	407 3-	1/0ACSR	1516	1407	1213	317	1895	42	19	0.06	1.98	168
CO24700+	CO24701	5.58	407 3-	1/0ACSR	1490	1383	1189	316	1895	42	19	0.05	2.03	157
CO30684+	CO24700	6.13	0 3-	1/0ACSR	1402	1303	1109	311	0	0	0	0.00	2.03	0
CO24699+	CO24700	5.59	407 3-	1/0ACSR	1489	1382	1188	316	1894	42	19	0.00	2.03	7
CA72+	CO24699	5.59	0 3-	Capacitor	1489	1382	1188	316	0	-7	0	0.00	2.03	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24698+	CO24699	5.77	407 3-	1/0ACSR	1458	1354	1160	314	1894	44	19	0.07	2.11	205
CO23911+	CO24698	5.87	1 1-	4ACSR	0	0	1141	312	0	0	0	0.00	2.11	0
CO24896+	CO23911	5.87	0 1-	4ACSR	0	0	1139	312	0	0	0	0.00	2.11	0
CO24057+	CO23911	5.95	1 1-	4ACSR	0	0	1123	311	0	0	0	0.00	2.11	0
CO24056+	CO23911	5.95	0 1-	4ACSR	0	0	1123	311	0	0	0	0.00	2.11	0
CO23905+	CO24698	6.10	405 3-	4/0ACSR	1416	1315	1121	312	1893	44	13	0.08	2.18	185
CO24838+	CO23905	6.11	223 1-	1/0ACSR	0	0	1120	312	1056	74	32	0.01	2.19	9
OC727+	CO24838	6.11	223 1-	70 E OCR	0	0	1120	312	1056	74	106	0.00	2.19	0
CO24843+	OC727	6.16	223 1-	1/0ACSR	0	0	1112	311	1056	74	32	0.05	2.24	68
CO489817934+	CO24843	6.22	1 1-	2ACSR	0	0	1103	311	7	0	0	0.00	2.24	0
CO24844+	CO24843	6.68	221 1-	1/0ACSR	0	0	1039	306	1045	73	32	0.47	2.71	673
CO24697+	CO24844	6.76	220 1-	1/0ACSR	0	0	1029	306	1032	72	32	0.07	2.78	102
CO23925+	CO24697	6.95	1 1-	4/0ACSR	0	0	1011	305	5	0	0	0.00	2.78	0
CO23924+	CO24697	6.95	1 1-	4/0ACSR	0	0	1011	305	3	0	0	0.00	2.78	0
CO24695+	CO24697	6.90	218 1-	1/0ACSR	0	0	1011	304	1023	72	31	0.13	2.91	177
CO24696+	CO24695	7.35	217 1-	1/0ACSR	0	0	957	300	1018	71	31	0.40	3.31	565
CO24053+	CO24696	7.47	1 1-	4ACSR	0	0	939	298	0	0	0	0.00	3.31	0
CO24052+	CO24696	7.48	1 1-	4ACSR	0	0	938	298	13	0	1	0.00	3.31	0
CO23907+	CO24696	7.58	215 1-	1/0ACSR	0	0	931	298	1002	71	31	0.21	3.52	293
CO23908+	CO23907	7.66	213 1-	1/0ACSR	0	0	923	297	994	70	31	0.07	3.59	93
CO24269+	CO23908	7.87	1 1-	4ACSR	0	0	894	294	6	0	0	0.00	3.59	0
CO24270+	CO24269	7.96	0 1-	4ACSR	0	0	883	292	0	0	0	0.00	3.59	0
CO23909+	CO23908	7.76	212 1-	1/0ACSR	0	0	913	296	987	70	30	0.08	3.67	114
CO24051+	CO23909	7.85	1 1-	4ACSR	0	0	900	295	7	0	0	0.00	3.67	0
CO24692+	CO23909	8.08	211 1-	1/0ACSR	0	0	880	293	979	69	30	0.28	3.96	384
CO24867+	CO24692	8.11	210 1-	1/0ACSR	0	0	877	293	974	69	30	0.03	3.98	35
SW745-B+	CO24867	8.11	0 1-	Open	0	0	877	293	0	0	0	0.00	3.98	0
CO30702+	CO24867	8.62	1 1-	4ACSR	0	0	816	285	3	0	0	0.00	3.98	0
CO24665+	CO24867	8.12	209 1-	1/0ACSR	0	0	877	293	971	69	30	0.00	3.99	6
RG14+	CO24665	8.12	209 1-	100.0000000000	0	0	877	293	971	69	0	-3.99	0.00	0
CO24666+	RG14	8.27	209 1-	1/0ACSR	0	0	863	292	971	66	29	0.12	0.12	162
CO23883+	CO24666	8.38	205 1-	1/0ACSR	0	0	852	291	942	64	28	0.09	0.22	116
CO24236+	CO23883	8.54	4 1-	4ACSR	0	0	833	288	23	1	1	0.01	0.22	0
CO24234+	CO24236	8.67	2 1-	4ACSR	0	0	819	286	14	0	1	0.00	0.22	0
CO24235+	CO24234	8.74	2 1-	4ACSR	0	0	811	285	14	0	1	0.00	0.22	0
CO24012+	CO24236	8.58	2 1-	4ACSR	0	0	829	287	8	0	0	0.00	0.22	0
CO23875+	CO23883	8.63	201 1-	1/0ACSR	0	0	831	288	919	63	28	0.19	0.41	241
CO24449+	CO23875	8.67	1 1-	4ACSR	0	0	825	288	8	0	0	0.00	0.41	0
CO24450+	CO24449	8.71	1 1-	4ACSR	0	0	821	287	8	0	0	0.00	0.41	0
CO24671+	CO23875	8.68	199 1-	1/0ACSR	0	0	826	288	909	62	27	0.05	0.45	56
CO24672+	CO24671	8.70	196 1-	1/0ACSR	0	0	824	288	900	62	27	0.01	0.47	18
CO24205+	CO24672	8.78	196 1-	1/0ACSR	0	0	818	287	900	62	27	0.06	0.53	69
CO24673+	CO24205	8.80	196 1-	1/0ACSR	0	0	816	287	900	62	27	0.02	0.54	19
CO24674+	CO24673	8.89	195 1-	1/0ACSR	0	0	808	286	895	61	27	0.08	0.62	91
CO24669+	CO24674	8.98	3 1-	4ACSR	0	0	799	285	20	1	1	0.00	0.62	0
CO24670+	CO24669	9.05	2 1-	4ACSR	0	0	791	284	9	0	0	0.00	0.62	0
CO23876+	CO24674	9.14	192 1-	1/0ACSR	0	0	789	284	875	60	26	0.18	0.80	217
CO24013+	CO23876	9.24	1 1-	4ACSR	0	0	778	282	0	0	0	0.00	0.80	0
CO23877+	CO23876	9.28	190 1-	1/0ACSR	0	0	778	283	867	60	26	0.10	0.90	122
CO24014+	CO23877	9.35	3 1-	4ACSR	0	0	770	282	11	0	1	0.00	0.90	0
CO23878+	CO23877	9.38	187 1-	1/0ACSR	0	0	770	282	855	59	26	0.08	0.98	90
CO24207+	CO23878	9.51	183 1-	1/0ACSR	0	0	761	281	842	58	25	0.09	1.07	106

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24458+	CO24207	9.64	2 1-	1/0PRIURD	0	0	753	495	17	1	1	0.00	1.07	0
CO24457+	CO24458	9.73	1 1-	1/0PRIURD	0	0	748	492	11	0	1	0.00	1.08	0
CO1383177954+	CO24457	9.77	0 1-	1/0PRIURD	0	0	745	491	0	0	0	0.00	1.08	0
CO24973+	CO24457	9.73	0 1-	1/0PRIURD	0	0	747	492	0	0	0	0.00	1.08	0
CO24206+	CO24207	9.52	181 1-	1/0ACSR	0	0	760	281	825	57	25	0.01	1.08	8
CO24974+	CO24206	9.71	1 1-	1/0PRIURD	0	0	748	493	4	0	0	0.00	1.08	0
CO24675+	CO24206	9.56	180 1-	1/0ACSR	0	0	757	280	820	57	25	0.03	1.11	32
CO24676+	CO24675	9.61	178 1-	1/0ACSR	0	0	753	280	808	56	24	0.04	1.15	40
CO24836+	CO24676	9.62	176 1-	1/0ACSR	0	0	753	280	794	55	24	0.00	1.15	5
OC737+	CO24836	9.62	176 1-	50 E OCR	0	0	753	280	794	55	111	0.00	1.15	0
CO24837+	OC737	9.67	176 1-	1/0ACSR	0	0	749	279	794	55	24	0.04	1.19	42
CO24208+	CO24837	9.78	175 1-	1/0ACSR	0	0	742	278	792	55	24	0.07	1.26	78
CO24451+	CO24208	9.86	3 1-	4ACSR	0	0	735	277	21	1	1	0.00	1.27	0
CO24452+	CO24451	9.95	3 1-	4ACSR	0	0	726	276	21	1	1	0.00	1.27	0
CO24677+	CO24208	9.80	171 1-	1/0ACSR	0	0	740	278	766	53	23	0.02	1.28	16
CO24678+	CO24677	9.87	170 1-	1/0ACSR	0	0	735	278	758	52	23	0.05	1.33	49
CO24679+	CO24678	10.11	170 1-	1/0ACSR	0	0	719	276	758	52	23	0.16	1.48	163
CO24958+	CO24679	10.36	168 1-	1/0ACSR	0	0	703	274	753	52	23	0.16	1.65	168
CO24682+	CO24958	10.59	168 1-	1/0ACSR	0	0	690	272	752	52	23	0.15	1.79	150
CO23990+	CO24682	10.68	2 1-	4ACSR	0	0	682	271	7	0	0	0.00	1.79	0
CO23865+	CO24682	10.66	166 1-	1/0ACSR	0	0	685	271	744	52	23	0.05	1.84	50
CO24687+	CO23865	10.71	162 1-	1/0ACSR	0	0	683	271	724	50	22	0.03	1.87	29
CO24688+	CO24687	10.78	161 1-	1/0ACSR	0	0	679	270	716	50	22	0.04	1.92	42
CO24689+	CO24688	10.89	160 1-	1/0ACSR	0	0	672	269	709	49	22	0.07	1.98	65
CO24169+	CO24689	11.04	158 1-	1/0ACSR	0	0	664	268	687	48	21	0.09	2.07	83
CO24168+	CO24169	11.16	157 1-	1/0ACSR	0	0	657	267	685	48	21	0.07	2.15	68
CO24189+	CO24168	11.23	3 1-	4ACSR	0	0	652	266	8	0	0	0.00	2.15	0
CO24690+	CO24189	11.44	3 1-	4ACSR	0	0	637	263	8	0	0	0.00	2.15	0
CO24691+	CO24690	11.65	2 1-	4ACSR	0	0	622	261	8	0	0	0.00	2.15	0
CO24188+	CO24691	11.68	2 1-	4ACSR	0	0	621	260	8	0	0	0.00	2.15	0
CO24186+	CO24168	11.25	153 1-	1/0ACSR	0	0	652	267	668	46	20	0.06	2.20	51
CO24187+	CO24186	11.32	153 1-	1/0ACSR	0	0	648	266	668	46	20	0.04	2.24	37
CO23991+	CO24187	11.55	1 1-	4ACSR	0	0	632	263	7	0	0	0.00	2.24	0
CO24170+	CO24187	11.48	151 1-	1/0ACSR	0	0	640	265	654	45	20	0.09	2.33	83
CO-1163898699+	CO24170	11.63	151 1-	2ACSR	0	0	632	263	654	45	26	0.11	2.45	112
CO701441172+	CO-1163898699	11.71	150 1-	2ACSR	0	0	627	263	642	45	25	0.06	2.50	56
CO503768163+	CO701441172	11.80	149 1-	2ACSR	0	0	623	262	642	45	25	0.07	2.57	64
CO1250636207+	CO503768163	11.89	1 1-	2ACSR	0	0	618	261	0	0	0	0.00	2.57	0
CO210142144+	CO503768163	11.92	148 1-	2ACSR	0	0	616	261	641	45	25	0.09	2.66	87
SW744-B+	CO210142144	11.92	0 1-	Open	0	0	616	261	0	0	0	0.00	2.66	0
CO24440+	CO210142144	12.04	3 1-	4ACSR	0	0	608	259	21	1	1	0.00	2.66	0
CO24567+	CO24440	12.08	2 1-	4ACSR	0	0	605	258	13	0	1	0.00	2.66	0
CO24568+	CO24567	12.11	1 1-	4ACSR	0	0	604	258	4	0	0	0.00	2.66	0
CO24569+	CO24568	12.17	1 1-	4ACSR	0	0	600	257	4	0	0	0.00	2.66	0
CO24439+	CO24569	12.23	1 1-	4ACSR	0	0	596	256	4	0	0	0.00	2.66	0
CO24570+	CO210142144	12.11	145 1-	4ACSR	0	0	604	258	620	43	31	0.20	2.86	199
CO24571+	CO24570	12.24	144 1-	4ACSR	0	0	596	256	617	43	31	0.13	2.99	127
CO24172+	CO24571	12.41	143 1-	4ACSR	0	0	585	254	607	42	31	0.17	3.16	167
CO24441+	CO24172	12.49	9 1-	4ACSR	0	0	581	253	41	2	2	0.00	3.16	0
CO24447+	CO24441	12.54	2 1-	4ACSR	0	0	578	253	7	0	0	0.00	3.16	0
CO24448+	CO24447	12.56	2 1-	4ACSR	0	0	576	252	7	0	0	0.00	3.16	0
CO24442+	CO24441	12.50	3 1-	4ACSR	0	0	580	253	6	0	0	0.00	3.16	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24572+	CO24441	12.56	3 1-	4ACSR	0	0	576	252	20	1	1	0.00	3.16	0
CO24573+	CO24572	12.64	2 1-	4ACSR	0	0	572	251	12	0	1	0.00	3.16	0
CO24197+	CO24172	12.54	1 1-	4ACSR	0	0	578	252	1	0	0	0.00	3.16	0
CO24194+	CO24197	12.60	1 1-	4ACSR	0	0	574	252	1	0	0	0.00	3.16	0
CO24196+	CO24194	12.66	1 1-	4ACSR	0	0	571	251	1	0	0	0.00	3.16	0
CO24195+	CO24196	12.70	1 1-	4ACSR	0	0	569	251	1	0	0	0.00	3.16	0
CO24574+	CO24172	12.49	132 1-	4ACSR	0	0	581	253	558	39	28	0.07	3.22	62
CO24575+	CO24574	12.55	130 1-	4ACSR	0	0	577	252	540	38	27	0.06	3.28	51
CO24977+	CO24575	12.65	125 1-	4ACSR	0	0	572	251	519	36	26	0.08	3.36	67
CO24576+	CO24977	12.67	124 1-	4ACSR	0	0	570	251	511	36	26	0.02	3.39	19
CO23986+	CO24576	12.79	1 1-	4ACSR	0	0	564	249	3	0	0	0.00	3.39	0
CO24001+	CO24576	12.76	1 1-	2ACSR	0	0	566	250	7	0	0	0.00	3.39	0
CO23864+	CO24576	12.91	122 1-	4ACSR	0	0	557	248	500	35	25	0.20	3.58	162
CO24976+	CO23864	13.01	3 1-	4ACSR	0	0	551	247	9	0	0	0.00	3.59	0
CO24000+	CO23864	12.96	1 1-	2ACSR	0	0	554	247	4	0	0	0.00	3.58	0
CO23862+	CO23864	13.09	118 1-	4ACSR	0	0	547	246	486	34	25	0.14	3.73	112
CO24849+	CO23862	13.15	5 1-	4ACSR	0	0	544	245	32	2	2	0.00	3.73	0
CO24420+	CO24849	13.19	5 1-	4ACSR	0	0	542	245	32	2	2	0.00	3.73	0
CO24421+	CO24420	13.26	4 1-	4ACSR	0	0	538	244	21	1	1	0.00	3.73	0
CO23966+	CO24421	13.27	1 1-	4ACSR	0	0	538	244	4	0	0	0.00	3.73	0
CO24577+	CO24421	13.31	3 1-	4ACSR	0	0	536	243	17	1	1	0.00	3.73	0
CO24578+	CO24577	13.33	1 1-	4ACSR	0	0	534	243	0	0	0	0.00	3.73	0
CO23965+	CO24420	13.20	1 1-	4ACSR	0	0	541	244	11	0	1	0.00	3.73	0
CO24579+	CO23862	13.14	113 1-	4ACSR	0	0	544	245	454	32	23	0.04	3.77	31
CO24580+	CO24579	13.32	112 1-	4ACSR	0	0	535	243	454	32	23	0.13	3.90	97
CO24581+	CO24580	13.38	97 1-	4ACSR	0	0	532	242	372	26	19	0.04	3.94	25
CO24582+	CO24581	13.71	96 1-	4ACSR	0	0	515	239	372	26	19	0.21	4.15	126
CO24159+	CO24582	13.83	96 1-	4ACSR	0	0	510	237	371	26	19	0.07	4.22	43
CO23985+	CO24159	13.85	0 1-	4ACSR	0	0	509	237	0	0	0	0.00	4.22	0
CO24160+	CO24159	14.15	96 1-	4ACSR	0	0	495	234	371	26	19	0.20	4.42	122
CO24162+	CO24160	14.41	96 1-	4ACSR	0	0	484	231	370	26	19	0.17	4.58	100
CO24161+	CO24162	14.58	96 1-	4ACSR	0	0	476	229	370	26	19	0.11	4.69	65
XFMR14	CO24161	14.58	92 1-	333 KVA 1PH AUT	0	0	596	157	367	26	114	1.29	5.97	0
CO24884	XFMR14	14.94	92 1-	4ACSR	0	0	558	154	367	52	38	0.88	6.85	537
CO24882	CO24884	14.95	92 1-	4ACSR	0	0	557	154	364	52	38	0.02	6.87	10
OC728	CO24882	14.95	92 1-	25 E OCR	0	0	557	154	364	52	211	0.00	6.87	0
CO24883	OC728	15.00	92 1-	4ACSR	0	0	552	153	364	52	38	0.12	6.99	75
CO24163	CO24883	15.17	92 1-	4ACSR	0	0	535	152	364	52	38	0.42	7.41	254
CO24852	CO24163	15.29	89 1-	4ACSR	0	0	524	150	341	49	36	0.28	7.69	162
CO23977	CO24852	15.33	1 1-	4ACSR	0	0	520	150	12	1	1	0.00	7.69	0
CO23860	CO24852	15.41	88 1-	4ACSR	0	0	513	149	329	48	34	0.26	7.95	141
CO24587	CO23860	15.46	4 1-	4ACSR	0	0	508	149	31	4	3	0.01	7.96	0
CO24588	CO24587	15.51	2 1-	4ACSR	0	0	505	149	20	2	2	0.00	7.96	0
CO24851	CO24588	15.60	1 1-	4ACSR	0	0	497	148	11	1	1	0.00	7.97	0
CO23859	CO23860	15.46	82 1-	4ACSR	0	0	509	149	287	42	30	0.09	8.04	42
CO23976	CO23859	15.53	2 1-	4ACSR	0	0	502	148	6	0	1	0.00	8.04	0
CO23975	CO23859	15.63	0 1-	4ACSR	0	0	494	148	0	0	0	0.00	8.04	0
CO24156	CO23859	15.61	76 1-	4ACSR	0	0	496	148	270	39	28	0.27	8.31	122
CO23980	CO24156	15.68	1 1-	4ACSR	0	0	490	147	1	0	0	0.00	8.31	0
CO24589	CO24156	15.66	74 1-	4ACSR	0	0	491	147	260	38	27	0.09	8.40	41
CO24590	CO24589	15.68	72 1-	4ACSR	0	0	490	147	251	36	26	0.04	8.44	17
CO24428	CO24590	15.75	2 1-	4ACSR	0	0	484	147	10	1	1	0.00	8.45	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24429	CO24428	15.81	1 1-	4ACSR	0	0	480	146	0	0	0	0.00	8.45	0
CO23979	CO24428	15.86	1 1-	2ACSR	0	0	477	146	10	1	1	0.00	8.45	0
CO23858	CO24590	15.94	70 1-	4ACSR	0	0	469	145	240	35	25	0.42	8.86	169
CO23978	CO23858	15.96	2 1-	4ACSR	0	0	468	145	10	1	1	0.00	8.86	0
CO23861	CO23858	16.07	68 1-	4ACSR	0	0	459	144	230	33	24	0.20	9.06	80
CO24426	CO23861	16.22	1 1-	4ACSR	0	0	449	143	0	0	0	0.00	9.06	0
CO24427	CO24426	16.25	1 1-	4ACSR	0	0	446	143	0	0	0	0.00	9.06	0
CO24591	CO23861	16.20	67 1-	4ACSR	0	0	450	143	230	33	24	0.20	9.26	77
CO24592	CO24591	16.25	66 1-	4ACSR	0	0	447	143	229	33	24	0.08	9.34	31
CO24593	CO24592	16.36	65 1-	4ACSR	0	0	439	142	220	32	23	0.17	9.50	63
CO24594	CO24593	16.41	65 1-	4ACSR	0	0	435	141	220	32	23	0.09	9.59	32
CO24595	CO24594	16.43	64 1-	4ACSR	0	0	434	141	213	31	23	0.03	9.62	10
CO24845	CO24595	16.72	59 1-	4ACSR	0	0	415	139	193	28	20	0.37	9.99	124
CO24409	CO24845	16.77	59 1-	4ACSR	0	0	412	139	192	28	20	0.07	10.06	24
CO24128	CO24409	16.84	2 1-	4ACSR	0	0	408	138	4	0	0	0.00	10.07	0
CO24596	CO24409	16.83	55 1-	4ACSR	0	0	409	138	182	27	19	0.07	10.13	20
CO24597	CO24596	16.87	54 1-	4ACSR	0	0	406	138	176	26	19	0.05	10.18	15
CO24598	CO24597	16.97	54 1-	4ACSR	0	0	400	137	176	26	19	0.13	10.31	38
CO24408	CO24598	17.08	53 1-	4ACSR	0	0	394	136	164	24	17	0.12	10.42	33
CO23964	CO24408	17.18	45 1-	4ACSR	0	0	388	136	147	22	16	0.11	10.53	27
CO23962	CO23964	17.39	41 1-	4ACSR	0	0	377	134	137	20	15	0.19	10.72	46
CO24131	CO23962	17.52	2 1-	4ACSR	0	0	370	133	7	1	1	0.00	10.73	0
CO23961	CO23962	17.44	38 1-	4ACSR	0	0	375	134	129	19	14	0.04	10.77	10
CO24403	CO23961	17.61	3 1-	4ACSR	0	0	366	133	12	1	1	0.01	10.78	0
CO24400	CO24403	17.74	2 1-	4ACSR	0	0	359	132	5	0	1	0.00	10.78	0
CO24402	CO24400	17.83	2 1-	4ACSR	0	0	355	131	5	0	1	0.00	10.79	0
CO24401	CO24402	17.95	2 1-	4ACSR	0	0	350	130	5	0	1	0.00	10.79	0
CO24394	CO24401	18.14	1 1-	4ACSR	0	0	341	129	0	0	0	0.00	10.79	0
CO24399	CO24394	18.17	1 1-	4ACSR	0	0	340	129	0	0	0	0.00	10.79	0
CO24395	CO24399	18.19	1 1-	4ACSR	0	0	339	129	0	0	0	0.00	10.79	0
CO24398	CO24395	18.21	1 1-	4ACSR	0	0	338	129	0	0	0	0.00	10.79	0
CO24396	CO24398	18.29	1 1-	4ACSR	0	0	335	128	0	0	0	0.00	10.79	0
CO24397	CO24396	18.50	1 1-	4ACSR	0	0	326	127	0	0	0	0.00	10.79	0
CO24127	CO24401	17.98	1 1-	4ACSR	0	0	348	130	5	0	0	0.00	10.79	0
CO23960	CO23961	17.50	35 1-	4ACSR	0	0	371	133	117	17	12	0.05	10.82	11
CO24126	CO23960	17.56	1 1-	4ACSR	0	0	368	133	6	0	1	0.00	10.82	0
CO24599	CO23960	17.58	34 1-	4ACSR	0	0	367	133	111	16	12	0.06	10.88	11
CO24600	CO24599	17.67	33 1-	4ACSR	0	0	363	132	109	16	12	0.07	10.95	14
CO24405	CO24600	17.78	32 1-	4ACSR	0	0	358	131	99	14	11	0.07	11.02	12
CO24404	CO24405	18.06	32 1-	4ACSR	0	0	345	130	99	14	11	0.20	11.22	34
CO24410	CO24404	18.11	4 1-	4ACSR	0	0	343	129	13	1	1	0.00	11.22	0
CO24412	CO24410	18.34	3 1-	4ACSR	0	0	332	128	7	1	1	0.01	11.23	0
CO24411	CO24412	18.42	3 1-	4ACSR	0	0	329	127	7	1	1	0.00	11.24	0
CO24979	CO24411	18.53	3 1-	4ACSR	0	0	325	127	7	1	1	0.01	11.24	0
CO24419	CO24979	18.62	2 1-	4/0ACSR	0	0	323	126	0	0	0	0.00	11.24	0
CO24418	CO24419	18.76	1 1-	4/0ACSR	0	0	321	126	0	0	0	0.00	11.24	0
CO24121	CO24979	18.63	1 1-	1/0PRIURD	0	0	322	212	7	1	1	0.00	11.24	0
CO24124	CO24404	18.09	1 1-	4ACSR	0	0	343	129	2	0	0	0.00	11.22	0
CO23959	CO24404	18.55	27 1-	4ACSR	0	0	324	126	84	12	9	0.29	11.50	42
CO24413	CO23959	18.60	26 1-	4ACSR	0	0	322	126	82	12	9	0.03	11.53	4
CO24846	CO24413	18.85	26 1-	4ACSR	0	0	313	125	82	12	9	0.14	11.68	21
CO1750418615	CO24846	18.93	1 1-	2ACSR	0	0	310	124	7	1	1	0.00	11.68	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24964	CO24846	19.17	24 1-	4ACSR	0	0	301	123	75	11	8	0.17	11.84	22
CO24949	CO24964	19.18	24 1-	4ACSR	0	0	301	123	75	11	8	0.00	11.85	0
OC721	CO24949	19.18	24 1-	15 H OCR	0	0	301	123	75	11	76	0.00	11.85	0
CO24965	OC721	19.43	0 1-	4ACSR	0	0	292	121	0	0	0	0.00	11.85	0
CO24148	CO24965	19.62	0 1-	4ACSR	0	0	286	120	0	0	0	0.00	11.85	0
CO24948	OC721	19.28	21 1-	4ACSR	0	0	298	122	71	10	8	0.05	11.89	6
CO24150	CO24948	19.67	21 1-	4ACSR	0	0	285	120	71	10	8	0.19	12.09	24
CO24430	CO24150	19.72	1 1-	2ACSR	0	0	284	120	6	0	0	0.00	12.09	0
CO24431	CO24430	19.74	1 1-	2ACSR	0	0	283	120	6	0	0	0.00	12.09	0
CO24153	CO24150	19.77	19 1-	4ACSR	0	0	282	119	62	9	7	0.04	12.13	4
CO24151	CO24153	19.80	19 1-	4ACSR	0	0	281	119	62	9	7	0.01	12.14	0
CO23981	CO24151	19.86	1 1-	2ACSR	0	0	280	119	9	1	1	0.00	12.14	0
CO24603	CO24151	19.86	18 1-	4ACSR	0	0	279	119	53	7	6	0.02	12.16	0
CO24604	CO24603	20.06	16 1-	4ACSR	0	0	273	118	46	6	5	0.06	12.22	4
CO24152	CO24604	20.15	14 1-	4ACSR	0	0	271	117	33	4	4	0.02	12.24	0
CO23973	CO24152	20.30	1 1-	4ACSR	0	0	267	116	1	0	0	0.00	12.24	0
CO23856	CO24152	20.25	12 1-	4ACSR	0	0	268	117	31	4	3	0.02	12.26	0
CO23972	CO23856	20.32	0 1-	4ACSR	0	0	266	116	0	0	0	0.00	12.26	0
CO23857	CO23856	20.34	12 1-	4ACSR	0	0	265	116	31	4	3	0.02	12.28	0
CO23971	CO23857	20.38	1 1-	4ACSR	0	0	264	116	7	1	1	0.00	12.28	0
CO24154	CO23857	20.41	11 1-	4ACSR	0	0	264	116	24	3	3	0.01	12.29	0
CO24155	CO24154	20.44	11 1-	4ACSR	0	0	263	116	24	3	3	0.01	12.29	0
CO23974	CO24155	20.50	2 1-	4ACSR	0	0	261	115	6	0	1	0.00	12.30	0
CO24608	CO24155	20.50	2 1-	4ACSR	0	0	261	115	7	1	1	0.00	12.30	0
CO24850	CO24608	20.77	1 1-	4ACSR	0	0	254	114	1	0	0	0.00	12.30	0
CO24393	CO24850	20.87	0 1-	4ACSR	0	0	252	113	0	0	0	0.00	12.30	0
CO24606	CO24155	20.48	5 1-	4ACSR	0	0	262	115	7	0	1	0.00	12.30	0
CO24607	CO24606	20.58	3 1-	4ACSR	0	0	259	115	1	0	0	0.00	12.30	0
CO24605	CO24607	20.65	2 1-	1/0PRIURD	0	0	258	181	1	0	0	0.00	12.30	0
CO24601	OC721	19.21	3 1-	4ACSR	0	0	300	123	4	0	0	0.00	11.85	0
CO24602	CO24601	19.51	2 1-	4ACSR	0	0	290	121	2	0	0	0.00	11.85	0
CO24756	CO24602	19.67	2 1-	4ACSR	0	0	285	120	2	0	0	0.00	11.86	0
CO24757	CO24756	19.68	1 1-	4ACSR	0	0	285	120	1	0	0	0.00	11.86	0
CO24149	CO24757	19.86	1 1-	4ACSR	0	0	279	119	1	0	0	0.00	11.86	0
CO24422	CO24149	19.94	1 1-	4ACSR	0	0	277	118	1	0	0	0.00	11.86	0
CO24423	CO24422	20.03	0 1-	4ACSR	0	0	274	118	0	0	0	0.00	11.86	0
CO23970	CO24149	19.92	0 1-	4ACSR	0	0	277	118	0	0	0	0.00	11.86	0
CO24133	CO23959	18.63	1 1-	4ACSR	0	0	321	126	1	0	0	0.00	11.50	0
CO24125	CO24600	17.76	0 1-	4ACSR	0	0	358	132	0	0	0	0.00	10.95	0
CO24517	CO24600	17.73	1 1-	4ACSR	0	0	360	132	9	1	1	0.00	10.95	0
CO24518	CO23964	17.25	2 1-	4ACSR	0	0	384	135	9	1	1	0.00	10.53	0
CO24519	CO24518	17.28	1 1-	4ACSR	0	0	383	135	9	1	1	0.00	10.54	0
CO23963	CO24408	17.23	8 1-	4ACSR	0	0	386	135	16	2	2	0.02	10.44	0
CO24406	CO23963	17.38	5 1-	4ACSR	0	0	377	134	10	1	1	0.01	10.45	0
CO24407	CO24406	17.64	4 1-	4ACSR	0	0	364	132	10	1	1	0.02	10.47	0
CO24417	CO24407	17.79	2 1-	4ACSR	0	0	357	131	1	0	0	0.00	10.47	0
CO24416	CO24417	17.86	1 1-	4ACSR	0	0	354	131	1	0	0	0.00	10.47	0
CO24414	CO24407	17.72	1 1-	4ACSR	0	0	360	132	3	0	0	0.00	10.47	0
CO24415	CO24414	17.90	1 1-	4ACSR	0	0	352	131	3	0	0	0.00	10.47	0
CO24132	CO24407	17.78	1 1-	4ACSR	0	0	358	131	5	0	1	0.00	10.47	0
CO24130	CO23963	17.34	1 1-	4ACSR	0	0	379	134	2	0	0	0.00	10.44	0
CO24129	CO23963	17.28	2 1-	4ACSR	0	0	382	135	4	0	0	0.00	10.44	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24134	CO24598	17.09	1 1-	4ACSR	0	0	393	136	12	1	1	0.00	10.31	0
CO24424	CO24595	16.51	5 1-	4ACSR	0	0	429	141	21	3	2	0.01	9.62	0
CO24425	CO24424	16.59	2 1-	4ACSR	0	0	424	140	12	1	1	0.00	9.63	0
CO24193	CO24163	15.28	3 1-	4ACSR	0	0	525	151	21	3	2	0.02	7.43	0
CO23989	CO24193	15.29	1 1-	4ACSR	0	0	524	151	14	2	1	0.00	7.43	0
CO24190	CO24193	15.33	2 1-	4ACSR	0	0	520	150	7	0	1	0.00	7.43	0
CO24192	CO24190	15.38	2 1-	4ACSR	0	0	516	150	7	0	1	0.00	7.43	0
CO24191	CO24192	15.42	2 1-	4ACSR	0	0	512	149	7	0	1	0.00	7.43	0
CO24848+	CO24161	14.95	4 1-	4ACSR	0	0	462	225	3	0	0	0.00	4.69	0
CO24583+	CO24848	15.08	4 1-	4ACSR	0	0	457	224	3	0	0	0.00	4.69	0
CO24584+	CO24583	15.17	3 1-	4ACSR	0	0	453	223	3	0	0	0.00	4.69	0
CO24585+	CO24584	15.23	1 1-	4ACSR	0	0	451	223	0	0	0	0.00	4.69	0
CO24586+	CO24585	15.40	1 1-	4ACSR	0	0	445	221	0	0	0	0.00	4.69	0
CO24847+	CO24586	15.68	0 1-	4ACSR	0	0	434	218	0	0	0	0.00	4.69	0
CO24123+	CO24847	15.84	0 1-	4ACSR	0	0	429	217	0	0	0	0.00	4.69	0
CO24122+	CO24847	15.77	0 1-	4ACSR	0	0	431	217	0	0	0	0.00	4.69	0
CO23969+	CO24586	15.51	1 1-	4ACSR	0	0	440	220	0	0	0	0.00	4.69	0
CO23855+	CO24584	15.47	2 1-	4ACSR	0	0	442	220	3	0	0	0.00	4.69	0
CO23968+	CO23855	15.58	1 1-	4ACSR	0	0	438	219	2	0	0	0.00	4.69	0
CO23967+	CO23855	15.55	1 1-	4ACSR	0	0	439	219	1	0	0	0.00	4.69	0
CO23863+	CO24580	13.52	15 1-	4ACSR	0	0	525	241	81	5	4	0.03	3.93	4
CO24436+	CO23863	13.60	2 1-	4ACSR	0	0	521	240	11	0	1	0.00	3.93	0
CO24435+	CO24436	13.66	1 1-	4ACSR	0	0	518	239	4	0	0	0.00	3.93	0
CO24434+	CO24435	13.69	0 1-	4ACSR	0	0	516	239	0	0	0	0.00	3.93	0
CO23984+	CO24435	13.68	1 1-	4ACSR	0	0	517	239	4	0	0	0.00	3.93	0
CO24618+	CO23863	13.60	13 1-	4ACSR	0	0	521	240	70	4	4	0.01	3.93	0
CO24619+	CO24618	13.69	13 1-	4ACSR	0	0	516	239	70	4	4	0.01	3.94	0
CO24620+	CO24619	13.88	12 1-	4ACSR	0	0	508	237	67	4	3	0.02	3.96	0
CO24621+	CO24620	14.09	11 1-	4ACSR	0	0	498	234	63	4	3	0.02	3.99	2
CO24758+	CO24621	14.15	11 1-	4ACSR	0	0	495	234	63	4	3	0.01	3.99	0
CO24759+	CO24758	14.24	9 1-	4ACSR	0	0	491	233	55	3	3	0.01	4.00	0
CO23987+	CO24759	14.34	1 1-	4ACSR	0	0	487	232	7	0	0	0.00	4.00	0
CO24622+	CO24759	14.31	3 1-	4ACSR	0	0	488	232	26	1	1	0.00	4.00	0
CO24623+	CO24622	14.38	2 1-	4ACSR	0	0	485	231	15	1	1	0.00	4.00	0
CO24438+	CO24623	14.41	1 1-	4ACSR	0	0	484	231	0	0	0	0.00	4.00	0
CO24437+	CO24438	14.44	1 1-	4ACSR	0	0	482	231	0	0	0	0.00	4.00	0
CO24165+	CO24759	14.32	5 1-	4ACSR	0	0	488	232	22	1	1	0.00	4.00	0
CO24164+	CO24165	14.45	3 1-	4ACSR	0	0	482	230	11	0	1	0.00	4.00	0
CO23988+	CO24164	14.48	3 1-	4ACSR	0	0	481	230	11	0	1	0.00	4.01	0
CO23994+	CO24575	12.61	2 1-	4ACSR	0	0	574	252	4	0	0	0.00	3.28	0
CO23993+	CO24575	12.61	2 1-	4ACSR	0	0	574	252	6	0	0	0.00	3.28	0
CO23992+	CO701441172	11.78	1 1-	4ACSR	0	0	623	262	0	0	0	0.00	2.50	0
CO-2092104003+	CO-1163898699	11.77	1 1-	2ACSR	0	0	624	262	11	0	0	0.00	2.45	0
CO24683+	CO23865	10.79	4 1-	4ACSR	0	0	675	269	20	1	1	0.00	1.85	0
CO24975+	CO24683	11.14	2 1-	4ACSR	0	0	649	265	11	0	1	0.00	1.85	0
CO24684+	CO24975	11.17	1 1-	4ACSR	0	0	647	264	1	0	0	0.00	1.85	0
CO24432+	CO24684	11.28	0 1-	4ACSR	0	0	639	263	0	0	0	0.00	1.85	0
CO24433+	CO24432	11.31	0 1-	4ACSR	0	0	637	262	0	0	0	0.00	1.85	0
CO24685+	CO24684	11.23	1 1-	4ACSR	0	0	643	263	1	0	0	0.00	1.85	0
CO1238293146+	CO24685	11.34	1 1-	2ACSR	0	0	636	262	1	0	0	0.00	1.85	0
CO626929809+	CO1238293146	11.38	1 1-	2ACSR	0	0	634	262	1	0	0	0.00	1.85	0
CO-478666918+	CO626929809	11.45	1 1-	2ACSR	0	0	630	261	1	0	0	0.00	1.85	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO397792474+	CO1238293146	11.36	0 1-	2ACSR	0	0	635	262	0	0	0	0.00	1.85	0
CO24680+	CO24679	10.19	2 1-	4ACSR	0	0	713	275	4	0	0	0.00	1.48	0
CO24681+	CO24680	10.32	0 1-	4ACSR	0	0	701	273	0	0	0	0.00	1.48	0
CO24016+	CO24208	9.91	1 1-	4ACSR	0	0	730	276	5	0	0	0.00	1.26	0
CO24017+	CO24676	9.69	1 1-	4ACSR	0	0	746	279	7	0	0	0.00	1.15	0
CO24015+	CO23878	9.43	4 1-	4ACSR	0	0	765	281	12	0	1	0.00	0.98	0
CO24011+	CO24666	8.32	2 1-	4ACSR	0	0	856	291	15	1	1	0.00	0.12	0
CO23874+	CO24666	8.41	2 1-	4ACSR	0	0	845	289	13	0	1	0.00	0.13	0
CO24667+	CO23874	8.64	1 1-	4ACSR	0	0	818	285	5	0	0	0.00	0.13	0
CO24668+	CO24667	8.71	1 1-	4ACSR	0	0	812	284	5	0	0	0.00	0.13	0
CO24010+	CO23874	8.45	1 1-	4ACSR	0	0	841	289	9	0	0	0.00	0.13	0
CO24693+	CO23907	7.65	2 1-	4ACSR	0	0	921	297	7	0	0	0.00	3.52	0
CO24694+	CO24693	7.72	1 1-	4ACSR	0	0	912	295	1	0	0	0.00	3.52	0
CO24271+	CO24694	7.75	1 1-	4ACSR	0	0	908	295	1	0	0	0.00	3.52	0
CO24272+	CO24271	7.89	1 1-	4ACSR	0	0	890	293	1	0	0	0.00	3.52	0
CO23917+	CO23905	6.20	182 3-	4/0ACSR	1404	1303	1110	311	836	19	6	0.01	2.19	11
CO24063+	CO23917	6.30	1 1-	4ACSR	0	0	1092	310	11	0	1	0.00	2.19	0
CO23906+	CO23917	6.38	181 3-	4/0ACSR	1383	1284	1091	310	825	19	6	0.02	2.21	18
CO24245+	CO23906	6.41	174 3-	4/0ACSR	1379	1280	1087	310	797	18	5	0.00	2.21	3
CO24972+	CO24245	6.56	174 3-	4/0ACSR	1362	1264	1071	309	797	18	5	0.01	2.23	15
CO24704+	CO24972	6.61	174 3-	4/0ACSR	1357	1259	1067	309	796	18	5	0.00	2.23	4
CO24049+	CO24704	6.69	0 1-	4ACSR	0	0	1052	308	0	0	0	0.00	2.23	0
CO23902+	CO24704	6.80	171 3-	4/0ACSR	1335	1239	1047	308	776	18	5	0.02	2.25	18
CO24048+	CO23902	6.86	2 1-	4ACSR	0	0	1037	307	1	0	0	0.00	2.25	0
CO23901+	CO23902	6.92	168 3-	4/0ACSR	1322	1227	1035	307	763	17	5	0.01	2.26	11
CO23920+	CO23901	6.97	159 3-	4/0ACSR	1317	1222	1030	307	751	17	5	0.00	2.27	4
CO23919+	CO23920	7.04	141 3-	4/0ACSR	1310	1215	1024	307	649	15	4	0.01	2.27	4
CO23900+	CO23919	7.17	119 3-	4/0ACSR	1296	1202	1011	306	519	12	4	0.01	2.28	6
CO24045+	CO23900	7.26	1 3-	4ACSR	1280	1189	998	304	1	0	0	0.00	2.28	0
CO24044+	CO23900	7.21	1 1-	4ACSR	0	0	1004	305	13	0	1	0.00	2.28	0
CO23892+	CO23900	7.25	115 3-	4/0ACSR	1288	1195	1004	305	504	11	3	0.00	2.29	3
CO24043+	CO23892	7.30	1 1-	4ACSR	0	0	996	305	2	0	0	0.00	2.29	0
CO23903+	CO23892	7.33	67 3-	4/0ACSR	1279	1187	996	305	291	6	2	0.00	2.29	0
CO24042+	CO23903	7.41	1 1-	4ACSR	0	0	985	304	13	0	1	0.00	2.29	0
CO23891+	CO23903	7.53	65 3-	4/0ACSR	1260	1169	979	304	278	6	2	0.01	2.30	2
CO24065+	CO23891	7.56	1 1-	4ACSR	0	0	974	303	17	1	1	0.00	2.30	0
CO23890+	CO23891	7.65	64 3-	4/0ACSR	1249	1158	969	303	261	6	2	0.00	2.30	0
CO23918+	CO23890	7.69	18 3-	4/0ACSR	1244	1154	965	303	44	1	0	0.00	2.30	0
CO24066+	CO23918	7.73	1 1-	750 MCM - 42 Wi	0	0	963	303	0	0	0	0.00	2.30	0
CO24729+	CO23918	7.77	16 3-	2ACSR	1233	1144	955	302	36	0	0	0.00	2.30	0
CO24857+	CO24729	7.85	15 3-	2ACSR	1222	1135	946	301	29	0	0	0.00	2.30	0
CO24946+	CO24857	7.86	0 3-	2ACSR	1221	1134	946	301	0	0	0	0.00	2.30	0
SW751-A+	CO24946	7.86	0 3-	Open	1221	1134	946	301	0	0	0	0.00	2.30	0
CO24892+	CO24857	7.96	15 3-	1/0AAAC	1211	1124	936	300	29	0	0	0.00	2.30	0
CO24893+	CO24892	8.08	12 3-	1/0AAAC	1199	1113	926	299	27	0	0	0.00	2.30	0
CO24894+	CO24893	8.39	11 3-	1/0AAAC	1168	1085	898	296	27	0	0	0.00	2.30	0
CO24895+	CO24894	8.42	10 3-	1/0AAAC	1165	1082	896	296	25	0	0	0.00	2.30	0
CO24356+	CO24895	8.44	10 3-	1/0AAAC	1162	1080	894	296	25	0	0	0.00	2.30	0
CO24357+	CO24356	8.95	8 3-	1/0AAAC	1116	1038	853	292	24	0	0	0.00	2.31	0
CO24978+	CO24357	9.07	8 3-	1/0AAAC	1105	1028	844	291	24	0	0	0.00	2.31	0
CO24730+	CO24978	9.09	7 3-	1/0AAAC	1103	1026	842	290	22	0	0	0.00	2.31	0
CO24361+	CO24730	9.16	7 3-	1/0AAAC	1097	1020	837	290	22	0	0	0.00	2.31	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24358+	CO24361	9.23	7 3-	1/0AAAC	1091	1015	832	289	22	0	0	0.00	2.31	0
CO24360+	CO24358	9.29	7 3-	1/0AAAC	1086	1010	828	289	22	0	0	0.00	2.31	0
CO24359+	CO24360	9.36	7 3-	1/0AAAC	1080	1005	822	288	22	0	0	0.00	2.31	0
CO24731+	CO24359	9.61	7 3-	1/0AAAC	1059	986	805	286	22	0	0	0.00	2.31	0
CO24732+	CO24731	10.02	6 3-	1/0AAAC	1026	956	778	283	22	0	0	0.00	2.31	0
CO23948+	CO24732	10.20	2 3-	1/0AAAC	1013	944	767	282	3	0	0	0.00	2.31	0
CO24819+	CO23948	10.20	2 3-	1/0AAAC	1013	944	766	282	3	0	0	0.00	2.31	0
SW717-B+	CO24819	10.20	2 3-	Closed	1013	944	766	282	3	0	0	0.00	2.31	0
SW717-A+	SW717-B	10.20	2 3-	Closed	1013	944	766	282	3	0	0	0.00	2.31	0
CO1637011177+	SW717-A	10.39	2 3-	2ACSR	994	927	751	280	3	0	0	0.00	2.31	0
CO1983661312+	CO1637011177	10.49	1 1-	2ACSR	0	0	744	279	2	0	0	0.00	2.31	0
CO-1724026121+	CO1637011177	10.56	1 3-	2ACSR	977	913	738	278	0	0	0	0.00	2.31	0
CO23949+	CO-1724026121	10.69	1 3-	336ACSR	971	907	733	277	0	0	0	0.00	2.31	0
CO24833+	CO23949	10.76	1 3-	336ACSR	968	904	730	277	0	0	0	0.00	2.31	0
SW718-B+	CO24833	10.76	0 3-	Open	968	904	730	277	0	0	0	0.00	2.31	0
CO24365+	CO24833	10.94	1 3-	336ACSR	960	896	723	276	0	0	0	0.00	2.31	0
CO24367+	CO24365	11.00	1 3-	336ACSR	957	894	721	276	0	0	0	0.00	2.31	0
CO24366+	CO24367	11.05	1 3-	336ACSR	955	891	719	276	0	0	0	0.00	2.31	0
CO24809+	CO24366	11.14	0 3-	336ACSR	951	888	716	276	0	0	0	0.00	2.31	0
SW719-B+	CO24809	11.14	0 3-	Open	951	888	716	276	0	0	0	0.00	2.31	0
CO24507+	CO24366	11.08	1 3-	4ACSR	952	889	717	276	0	0	0	0.00	2.31	0
CO24508+	CO24507	11.11	1 3-	4ACSR	948	885	714	275	0	0	0	0.00	2.31	0
CO24811+	CO24732	10.03	4 1-	4ACSR	0	0	777	283	20	1	1	0.00	2.31	0
OC734+	CO24811	10.03	4 1-	25 E OCR	0	0	777	283	20	1	5	0.00	2.31	0
CO24812+	OC734	10.14	4 1-	4ACSR	0	0	766	281	20	1	1	0.00	2.32	0
CO24362+	CO24812	10.30	4 1-	4ACSR	0	0	750	279	20	1	1	0.01	2.32	0
CO24363+	CO24362	10.44	4 1-	4ACSR	0	0	738	277	20	1	1	0.00	2.32	0
CO23951+	CO24363	10.54	0 1-	4ACSR	0	0	728	275	0	0	0	0.00	2.32	0
CO23950+	CO24363	10.57	4 1-	4ACSR	0	0	725	275	20	1	1	0.00	2.33	0
CO24364+	CO23950	11.00	3 1-	4ACSR	0	0	688	268	2	0	0	0.00	2.33	0
CO24733+	CO24364	11.02	3 1-	4ACSR	0	0	687	268	2	0	0	0.00	2.33	0
CO24734+	CO24733	11.10	1 1-	4ACSR	0	0	681	267	0	0	0	0.00	2.33	0
CO24112+	CO24734	11.17	1 1-	4ACSR	0	0	675	266	0	0	0	0.00	2.33	0
CO24509+	CO23950	10.64	1 1-	4ACSR	0	0	719	274	18	1	1	0.00	2.33	0
CO24510+	CO24509	10.79	0 1-	4ACSR	0	0	706	271	0	0	0	0.00	2.33	0
CO24740+	CO23890	7.73	23 3-	1/0ACSR	1238	1149	960	302	108	2	1	0.00	2.30	0
CO24741+	CO24740	7.80	22 3-	1/0ACSR	1231	1142	953	302	98	2	1	0.00	2.30	0
CO24035+	CO24741	7.89	2 1-	4ACSR	0	0	940	300	1	0	0	0.00	2.30	0
CO24034+	CO24741	7.85	1 1-	4ACSR	0	0	945	301	6	0	0	0.00	2.30	0
CO23884+	CO24741	7.94	19 3-	1/0ACSR	1214	1127	939	301	92	2	1	0.00	2.31	0
CO24462+	CO23884	8.04	1 1-	4ACSR	0	0	926	299	2	0	0	0.00	2.31	0
CO24463+	CO24462	8.10	1 1-	4ACSR	0	0	917	298	2	0	0	0.00	2.31	0
CO-1784271363+	CO23884	8.04	1 3-	1/0ACSR	1202	1116	929	300	1	0	0	0.00	2.31	0
CO-324558147+	CO-1784271363	8.19	1 3-	2ACSR	1183	1099	913	298	1	0	0	0.00	2.31	0
CO23885+	CO23884	7.99	17 1-	2/0ACSR	0	0	935	300	89	6	2	0.00	2.31	0
CO30565+	CO23885	8.00	17 1-	4ACSR	0	0	932	300	89	6	4	0.00	2.31	0
CO30566+	CO30565	8.11	17 1-	4ACSR	0	0	917	298	89	6	4	0.02	2.33	2
CO24033+	CO30566	8.15	1 1-	4ACSR	0	0	912	297	4	0	0	0.00	2.33	0
CO24032+	CO30566	8.13	1 1-	4ACSR	0	0	915	298	2	0	0	0.00	2.33	0
CO24822+	CO30566	8.12	15 1-	4ACSR	0	0	916	298	83	5	4	0.00	2.33	0
OC725+	CO24822	8.12	15 1-	25 E OCR	0	0	916	298	83	5	23	0.00	2.33	0
CO24823+	OC725	8.34	15 1-	4ACSR	0	0	887	294	83	5	4	0.03	2.36	4

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23886+	CO24823	8.49	1 1-	4ACSR	0	0	869	292	5	0	0	0.00	2.36	0
CO24237+	CO23886	8.50	0 1-	4ACSR	0	0	867	291	0	0	0	0.00	2.36	0
CO24858+	CO24237	9.04	0 1-	4ACSR	0	0	805	283	0	0	0	0.00	2.36	0
CO24026+	CO23886	8.54	1 1-	4ACSR	0	0	862	291	5	0	0	0.00	2.36	0
CO24742+	CO24823	8.36	14 1-	4ACSR	0	0	886	294	77	5	4	0.00	2.36	0
CO24743+	CO24742	8.43	10 1-	4ACSR	0	0	876	293	71	4	4	0.01	2.37	0
CO24744+	CO24743	8.51	8 1-	4ACSR	0	0	866	291	45	3	2	0.01	2.37	0
CO24745+	CO24744	8.53	7 1-	4ACSR	0	0	863	291	45	3	2	0.00	2.37	0
CO24746+	CO24745	8.57	7 1-	4ACSR	0	0	858	290	45	3	2	0.00	2.38	0
CO24747+	CO24746	8.63	6 1-	4ACSR	0	0	851	289	45	3	2	0.00	2.38	0
CO24748+	CO24747	8.68	5 1-	4ACSR	0	0	846	289	35	2	2	0.00	2.38	0
CO24749+	CO24748	8.71	3 1-	4ACSR	0	0	842	288	21	1	1	0.00	2.38	0
CO24028+	CO24749	8.80	1 1-	4ACSR	0	0	832	287	6	0	0	0.00	2.38	0
CO24027+	CO24749	8.80	1 1-	4ACSR	0	0	831	286	7	0	0	0.00	2.38	0
CO24727+	CO23890	7.66	21 1-	4ACSR	0	0	967	303	107	7	5	0.00	2.30	0
CO24728+	CO24727	7.69	20 1-	4ACSR	0	0	962	302	107	7	5	0.01	2.31	0
CO24726+	CO24728	7.91	20 1-	4ACSR	0	0	932	299	107	7	5	0.03	2.34	6
CO24242+	CO24726	7.96	19 1-	4ACSR	0	0	924	298	91	6	5	0.01	2.35	0
CO24243+	CO24242	8.06	18 1-	4ACSR	0	0	910	296	81	5	4	0.01	2.36	0
CO24069+	CO24243	8.12	2 1-	2ACSR	0	0	904	295	16	1	1	0.00	2.36	0
CO24751+	CO24243	8.15	14 1-	4ACSR	0	0	899	294	45	3	2	0.01	2.37	0
CO24750+	CO24751	8.19	14 1-	4ACSR	0	0	893	294	45	3	2	0.00	2.37	0
CO24244+	CO24750	8.30	13 1-	4ACSR	0	0	880	292	44	3	2	0.01	2.38	0
CO24050+	CO24244	8.38	1 1-	4ACSR	0	0	869	291	2	0	0	0.00	2.38	0
CO23904+	CO24244	8.40	12 1-	4ACSR	0	0	866	290	42	2	2	0.01	2.38	0
CO24461+	CO23904	8.47	5 1-	4ACSR	0	0	858	289	1	0	0	0.00	2.39	0
CO24459+	CO24461	8.53	5 1-	4ACSR	0	0	851	288	1	0	0	0.00	2.39	0
CO24460+	CO24459	8.63	2 1-	4ACSR	0	0	839	287	0	0	0	0.00	2.39	0
CO-965483086+	CO24459	8.58	3 1-	2ACSR	0	0	845	288	1	0	0	0.00	2.39	0
CO23888+	CO23904	8.53	6 1-	4ACSR	0	0	851	288	32	2	2	0.01	2.39	0
CO24752+	CO23888	8.59	6 1-	4ACSR	0	0	843	287	32	2	2	0.00	2.39	0
CO24754+	CO24752	8.74	2 1-	4ACSR	0	0	826	285	17	1	1	0.00	2.40	0
CO24755+	CO24754	8.76	2 1-	4ACSR	0	0	823	284	17	1	1	0.00	2.40	0
CO24029+	CO24755	8.87	0 1-	4ACSR	0	0	811	283	0	0	0	0.00	2.40	0
CO23889+	CO24755	8.95	2 1-	4ACSR	0	0	802	282	17	1	1	0.01	2.40	0
CO24031+	CO23889	9.06	1 1-	4ACSR	0	0	790	280	9	0	0	0.00	2.40	0
CO1853826842+	CO24031	9.10	0 1-	2ACSR	0	0	787	279	0	0	0	0.00	2.40	0
CO24030+	CO23889	8.97	1 1-	4ACSR	0	0	800	281	8	0	0	0.00	2.40	0
CO24753+	CO24752	8.60	3 1-	4ACSR	0	0	842	287	3	0	0	0.00	2.39	0
CO23887+	CO23904	8.80	1 1-	4ACSR	0	0	818	284	9	0	0	0.00	2.39	0
CO23893+	CO23892	7.32	47 1-	4ACSR	0	0	994	304	210	14	11	0.02	2.31	8
XFMR64	CO23893	7.32	47 1-	333 KVA 1PH AUT	0	0	836	171	210	14	64	0.70	3.01	0
CO23894	XFMR64	7.38	47 1-	4ACSR	0	0	826	170	210	29	21	0.08	3.09	28
CO24046	CO23894	7.41	2 1-	4ACSR	0	0	820	170	14	1	1	0.00	3.09	0
CO24818	CO23894	7.38	45 1-	4ACSR	0	0	825	170	196	27	20	0.01	3.10	3
OC730	CO24818	7.38	45 1-	50 H OCR	0	0	825	170	196	27	55	0.00	3.10	0
CO24817	OC730	7.64	45 1-	4ACSR	0	0	780	167	196	27	20	0.33	3.43	105
CO24266	CO24817	7.73	1 1-	4/0ACSR	0	0	771	167	2	0	0	0.00	3.43	0
CO24268	CO24266	7.77	1 1-	4/0ACSR	0	0	766	167	2	0	0	0.00	3.43	0
CO24267	CO24268	7.86	0 1-	4/0ACSR	0	0	758	166	0	0	0	0.00	3.43	0
CO24036	CO24268	7.88	0 1-	4ACSR	0	0	750	166	0	0	0	0.00	3.43	0
CO24241	CO24817	7.81	44 1-	4ACSR	0	0	753	165	193	27	20	0.21	3.64	66

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24240	CO24241	7.84	44 1-	4ACSR	0	0	748	165	193	27	20	0.04	3.68	12
CO24037	CO24240	7.92	1 1-	4ACSR	0	0	735	164	14	2	1	0.00	3.68	0
CO24707	CO24240	7.88	43 1-	4ACSR	0	0	742	165	179	25	18	0.05	3.72	14
CO24708	CO24707	8.09	43 1-	4ACSR	0	0	709	162	179	25	18	0.25	3.97	72
CO24709	CO24708	8.13	43 1-	4ACSR	0	0	703	162	179	25	18	0.04	4.02	13
CO24710	CO24709	8.23	42 1-	4ACSR	0	0	688	161	172	24	17	0.12	4.14	34
CO24711	CO24710	8.25	42 1-	4ACSR	0	0	685	161	172	24	17	0.02	4.15	5
CO24712	CO24711	8.52	42 1-	4ACSR	0	0	647	158	172	24	17	0.31	4.47	88
CO24038	CO24712	8.66	1 1-	4ACSR	0	0	629	157	0	0	0	0.00	4.47	0
CO23895	CO24712	8.55	41 1-	4ACSR	0	0	643	158	172	24	17	0.03	4.50	9
CO24039	CO23895	8.72	0 1-	4ACSR	0	0	621	156	0	0	0	0.00	4.50	0
CO23896	CO23895	8.74	41 1-	4ACSR	0	0	619	156	172	24	17	0.21	4.71	59
CO24464	CO23896	8.76	1 1-	4ACSR	0	0	615	156	0	0	0	0.00	4.71	0
CO24465	CO24464	8.80	1 1-	4ACSR	0	0	611	156	0	0	0	0.00	4.71	0
CO23926	CO23896	9.01	40 1-	4ACSR	0	0	586	154	171	24	17	0.31	5.01	86
CO24040	CO23926	9.09	1 1-	4ACSR	0	0	577	153	0	0	0	0.00	5.01	0
CO23897	CO23926	9.74	38 1-	4ACSR	0	0	511	147	167	23	17	0.81	5.82	222
CO23923	CO23897	9.96	0 1-	4/0ACSR	0	0	501	147	0	0	0	0.00	5.82	0
CO23898	CO23897	9.80	38 1-	4ACSR	0	0	506	147	166	23	17	0.06	5.88	17
CO24041	CO23898	9.85	1 1-	4ACSR	0	0	501	146	7	1	1	0.00	5.89	0
CO23899	CO23898	9.95	37 1-	4ACSR	0	0	492	146	159	22	16	0.16	6.04	41
CO24238	CO23899	9.96	34 1-	4ACSR	0	0	492	146	154	22	16	0.01	6.05	3
CO24239	CO24238	10.04	34 1-	4ACSR	0	0	485	145	154	22	16	0.08	6.13	19
CO23921	CO24239	10.28	0 1-	4/0ACSR	0	0	475	144	0	0	0	0.00	6.13	0
CO24869	CO24239	10.24	32 1-	4ACSR	0	0	468	143	139	20	14	0.19	6.32	44
CO24713	CO24869	10.52	32 1-	4ACSR	0	0	447	141	139	20	14	0.26	6.58	60
CO24198	CO24713	10.59	31 1-	4ACSR	0	0	442	141	137	19	14	0.06	6.64	14
CO24714	CO24198	10.62	29 1-	4ACSR	0	0	440	140	125	18	13	0.02	6.66	5
CO24715	CO24714	10.72	29 1-	4ACSR	0	0	433	140	125	18	13	0.09	6.75	18
CO24003	CO24715	10.78	1 1-	4ACSR	0	0	429	139	3	0	0	0.00	6.75	0
CO23870	CO24715	10.76	28 1-	4ACSR	0	0	430	139	121	17	13	0.03	6.78	5
CO24005	CO23870	10.88	0 1-	4ACSR	0	0	422	138	0	0	0	0.00	6.78	0
CO23871	CO23870	10.86	28 1-	4ACSR	0	0	423	139	121	17	13	0.09	6.87	18
CO24225	CO23871	10.99	0 1-	4ACSR	0	0	415	138	0	0	0	0.00	6.87	0
CO24226	CO24225	11.22	0 1-	4ACSR	0	0	401	136	0	0	0	0.00	6.87	0
CO23869	CO23871	11.04	28 1-	4ACSR	0	0	412	137	121	17	13	0.14	7.01	29
CO24006	CO23869	11.07	1 1-	4ACSR	0	0	410	137	11	1	1	0.00	7.01	0
CO23872	CO23869	11.09	27 1-	4ACSR	0	0	409	137	110	15	11	0.04	7.05	7
CO24223	CO23872	11.26	1 1-	4ACSR	0	0	398	136	3	0	0	0.00	7.05	0
CO24224	CO24223	11.32	1 1-	4ACSR	0	0	395	135	3	0	0	0.00	7.05	0
CO24201	CO23872	11.15	26 1-	4ACSR	0	0	405	136	107	15	11	0.04	7.09	7
CO24199	CO24201	11.26	25 1-	4ACSR	0	0	399	136	105	15	11	0.08	7.17	14
CO1492077296	CO24199	11.34	1 1-	2ACSR	0	0	395	135	8	1	1	0.00	7.17	0
CO24200	CO24199	11.35	24 1-	4ACSR	0	0	393	135	97	14	10	0.06	7.23	10
CO24007	CO24200	11.38	1 1-	4ACSR	0	0	391	135	3	0	0	0.00	7.23	0
CO23873	CO24200	11.47	23 1-	4ACSR	0	0	386	134	94	13	10	0.07	7.30	12
CO24826	CO23873	11.48	22 1-	4ACSR	0	0	386	134	93	13	10	0.00	7.31	0
OC729	CO24826	11.48	22 1-	25 H OCR	0	0	386	134	93	13	54	0.00	7.31	0
CO24827	OC729	11.70	22 1-	4ACSR	0	0	374	133	93	13	10	0.14	7.45	22
CO24229	CO24827	11.75	1 1-	4ACSR	0	0	372	132	11	1	1	0.00	7.45	0
CO24227	CO24229	11.88	1 1-	4ACSR	0	0	365	131	11	1	1	0.01	7.46	0
CO24228	CO24227	11.92	1 1-	4ACSR	0	0	363	131	11	1	1	0.00	7.46	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24204	CO24827	11.72	21 1-	4ACSR	0	0	373	132	82	11	9	0.01	7.46	0
CO24202	CO24204	11.99	21 1-	4ACSR	0	0	360	131	82	11	9	0.15	7.60	20
CO24716	CO24202	12.31	20 1-	2ACSR	0	0	348	129	82	11	7	0.12	7.72	15
CO1067505392	CO24716	12.48	18 1-	2ACSR	0	0	342	128	74	10	6	0.06	7.78	7
CO24717	CO1067505392	12.65	18 1-	4ACSR	0	0	335	127	74	10	8	0.08	7.87	10
CO24203	CO24717	13.20	17 1-	4ACSR	0	0	313	124	69	10	7	0.26	8.12	30
CO24718	CO24203	13.38	15 1-	4ACSR	0	0	306	123	65	9	7	0.08	8.20	8
CO24872	CO24718	13.48	14 1-	4ACSR	0	0	303	122	59	8	6	0.04	8.24	3
CO24719	CO24872	13.54	13 1-	4ACSR	0	0	301	122	52	7	5	0.02	8.26	0
CO23983	CO24719	13.61	1 1-	4ACSR	0	0	298	122	9	1	1	0.00	8.26	0
CO24158	CO24719	13.74	12 1-	4ACSR	0	0	294	121	43	6	5	0.06	8.32	4
CO24720	CO24158	13.78	10 1-	4ACSR	0	0	292	121	37	5	4	0.01	8.32	0
CO24721	CO24720	13.91	8 1-	4ACSR	0	0	288	120	22	3	2	0.02	8.34	0
CO24157	CO24721	14.00	8 1-	4ACSR	0	0	285	119	22	3	2	0.01	8.35	0
CO23982	CO24157	14.11	0 1-	4ACSR	0	0	282	119	0	0	0	0.00	8.35	0
CO24166	CO24157	14.02	7 1-	4ACSR	0	0	285	119	17	2	2	0.00	8.36	0
CO24167	CO24166	14.05	6 1-	4ACSR	0	0	284	119	14	2	1	0.00	8.36	0
CO24722	CO24167	14.06	6 1-	4ACSR	0	0	283	119	14	2	1	0.00	8.36	0
CO24723	CO24722	14.15	5 1-	4ACSR	0	0	281	119	14	2	1	0.01	8.37	0
CO24724	CO24723	14.20	4 1-	4ACSR	0	0	279	118	6	0	1	0.00	8.37	0
CO24725	CO24724	14.28	3 1-	4ACSR	0	0	277	118	0	0	0	0.00	8.37	0
CO24002	CO24158	13.82	1 1-	2ACSR	0	0	291	120	5	0	0	0.00	8.32	0
CO24009	CO24203	13.37	1 1-	4ACSR	0	0	306	123	3	0	0	0.00	8.12	0
CO-1918465395	CO24716	12.36	1 1-	2ACSR	0	0	346	129	0	0	0	0.00	7.72	0
CO24025	CO24202	12.04	1 1-	4ACSR	0	0	357	130	0	0	0	0.00	7.60	0
CO24008	CO23873	11.55	1 1-	4ACSR	0	0	382	134	0	0	0	0.00	7.30	0
CO24004	CO24713	10.58	1 1-	4ACSR	0	0	442	141	1	0	0	0.00	6.58	0
CO23922	CO23899	10.21	1 1-	4/0ACSR	0	0	481	145	0	0	0	0.00	6.04	0
CO24705+	CO23900	7.19	2 1-	4ACSR	0	0	1008	305	2	0	0	0.00	2.28	0
CO24706+	CO24705	7.29	1 1-	4ACSR	0	0	993	304	0	0	0	0.00	2.28	0
CO24779+	CO23919	7.06	22 1-	1/0PRIURD	0	0	1021	599	130	8	6	0.00	2.27	0
CO24780+	CO24779	7.10	18 1-	1/0PRIURD	0	0	1018	598	107	7	5	0.00	2.28	0
CO24781+	CO24780	7.13	16 1-	1/0PRIURD	0	0	1014	597	94	6	4	0.00	2.28	0
CO24947+	CO24781	7.20	12 1-	1/0PRIURD	0	0	1006	594	71	4	3	0.00	2.28	0
CO24886+	CO24947	7.22	11 1-	1/0PRIURD	0	0	1004	593	63	4	3	0.00	2.28	0
CO24887+	CO24886	7.26	9 1-	1/0PRIURD	0	0	1000	592	48	3	2	0.00	2.29	0
CO24888+	CO24887	7.32	8 1-	1/0PRIURD	0	0	994	589	43	2	2	0.00	2.29	0
CO24889+	CO24888	7.36	4 1-	1/0PRIURD	0	0	990	588	24	1	1	0.00	2.29	0
CO24890+	CO24889	7.39	3 1-	1/0PRIURD	0	0	987	587	15	1	1	0.00	2.29	0
CO24777+	CO23920	6.98	18 1-	1/0PRIURD	0	0	1029	602	102	7	5	0.00	2.27	0
CO24778+	CO24777	7.02	14 1-	1/0PRIURD	0	0	1025	600	82	5	4	0.00	2.27	0
CO24776+	CO24778	7.05	11 1-	1/0PRIURD	0	0	1021	599	66	4	3	0.00	2.27	0
CO24775+	CO24776	7.09	6 1-	1/0PRIURD	0	0	1017	598	39	2	2	0.00	2.27	0
CO24774+	CO24775	7.12	3 1-	1/0PRIURD	0	0	1014	596	17	1	1	0.00	2.27	0
CO24047+	CO23901	6.99	9 1-	4ACSR	0	0	1024	306	12	0	1	0.00	2.26	0
CO-17306848+	CO24047	7.03	1 1-	2ACSR	0	0	1018	306	1	0	0	0.00	2.26	0
CO24055+	CO23906	6.43	0 1-	4ACSR	0	0	1080	309	0	0	0	0.00	2.21	0
CO24815+	CO23906	6.38	7 1-	4ACSR	0	0	1090	310	28	1	1	0.00	2.21	0
OC720+	CO24815	6.38	7 1-	10 N FUSE	0	0	1090	310	28	1	20	0.00	2.21	0
CO24816+	OC720	6.53	7 1-	4ACSR	0	0	1063	308	28	1	1	0.01	2.22	0
CO24468+	CO24816	6.58	1 1-	4ACSR	0	0	1055	307	0	0	0	0.00	2.22	0
CO24469+	CO24468	6.63	1 1-	4ACSR	0	0	1045	306	0	0	0	0.00	2.22	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24251+	CO24816	6.62	6 1-	4ACSR	0	0	1046	306	28	1	1	0.00	2.22	0
CO24255+	CO24251	6.67	5 1-	4ACSR	0	0	1038	305	22	1	1	0.00	2.22	0
CO24252+	CO24255	6.75	3 1-	4ACSR	0	0	1025	304	15	1	1	0.00	2.23	0
CO24254+	CO24252	6.82	2 1-	4ACSR	0	0	1013	302	15	1	1	0.00	2.23	0
CO24253+	CO24254	6.86	1 1-	4ACSR	0	0	1006	302	11	0	1	0.00	2.23	0
CO24064+	CO24251	6.66	1 1-	4ACSR	0	0	1040	305	7	0	0	0.00	2.22	0
CO24702+	CO24256	5.24	5 1-	4ACSR	0	0	1239	318	23	1	1	0.00	1.88	0
CO24703+	CO24702	5.27	4 1-	4ACSR	0	0	1232	317	19	1	1	0.00	1.88	0
CO24250+	CO24703	5.65	4 1-	4ACSR	0	0	1147	310	19	1	1	0.01	1.89	0
CO24466+	CO24250	5.68	1 1-	4ACSR	0	0	1141	310	1	0	0	0.00	1.89	0
CO24467+	CO24466	5.70	1 1-	4ACSR	0	0	1136	309	1	0	0	0.00	1.89	0
CO24246+	CO24250	5.71	2 1-	4ACSR	0	0	1135	309	12	0	1	0.00	1.89	0
CO24249+	CO24246	5.85	2 1-	4ACSR	0	0	1107	307	12	0	1	0.00	1.89	0
CO24247+	CO24249	5.90	1 1-	4ACSR	0	0	1097	306	5	0	0	0.00	1.89	0
CO24248+	CO24247	5.91	1 1-	4ACSR	0	0	1095	306	5	0	0	0.00	1.89	0
CO24058+	CO23912	4.90	1 1-	4ACSR	0	0	1303	322	3	0	0	0.00	1.77	0
CO24501+	CO23937	3.80	2 1-	4ACSR	0	0	1542	333	4	0	0	0.00	1.35	0
CO24502+	CO24501	3.86	1 1-	4ACSR	0	0	1523	331	0	0	0	0.00	1.35	0
CO24874+	CO24854	1.31	2 1-	4ACSR	0	0	2321	350	3	0	0	0.00	0.35	0
CO24529+	CO24874	1.76	2 1-	4ACSR	0	0	2040	340	3	0	0	0.00	0.35	0
CO24528+	CO24529	1.86	1 1-	4ACSR	0	0	1983	338	0	0	0	0.00	0.35	0
CO24387+	CO24528	2.22	0 1-	4ACSR	0	0	1790	330	0	0	0	0.00	0.35	0
CO24876+	CO24387	2.24	0 1-	4ACSR	0	0	1782	330	0	0	0	0.00	0.35	0
CO24875+	CO24876	2.24	0 1-	4ACSR	0	0	1779	330	0	0	0	0.00	0.35	0
CO24853+	CO24372	0.39	10 1-	4ACSR	0	0	2749	354	30	2	1	0.00	0.10	0
CO24516+	CO24853	0.63	10 1-	4ACSR	0	0	2542	349	30	2	1	0.01	0.11	0
CO24855+	CO24516	0.70	9 1-	2/0ACSR	0	0	2499	348	24	1	1	0.00	0.11	0
CO24512+	CO24372	0.37	2 3-	2ACSR	2818	2806	2763	355	49	1	1	0.00	0.09	0
CO24611+	CO24512	0.43	2 3-	2ACSR	2787	2772	2715	354	49	1	1	0.00	0.09	0
CO24612+	CO24611	0.44	1 3-	2ACSR	2785	2770	2713	354	5	0	0	0.00	0.09	0
CO24511+	CO24612	0.45	1 3-	2ACSR	2778	2762	2703	354	5	0	0	0.00	0.09	0
CO24831+	CO24829	0.02	8 3-	750 MCM - 42 Wi	2963	2978	2988	357	5498	135	12	0.00	0.01	7
Industrial Park+	CO24831	0.02	8 3-	560 200WVE	2963	2978	2988	357	5498	135	24	0.00	0.01	0
CO24373+	Industrial Park	0.04	8 3-	336ACSR	2951	2959	2969	357	5498	135	26	0.02	0.02	96
CO24376+	CO24373	0.11	8 3-	336ACSR	2927	2931	2931	357	5498	135	26	0.04	0.06	201
CO-980555440+	CO24376	0.14	8 3-	2ACSR	2908	2910	2901	356	5497	135	75	0.07	0.13	593
CO440868335+	CO-980555440	0.21	7 3-	2ACSR	2873	2871	2844	355	2552	59	33	0.06	0.18	224
SW11-A+	CO440868335	0.21	7 3-	Closed	2873	2871	2844	355	2551	59	0	0.00	0.18	0
SW11-B+	SW11-A	0.21	7 3-	Closed	2873	2871	2844	355	2551	59	0	0.00	0.18	0
CO-554407469+	SW11-B	0.29	7 3-	2ACSR	2833	2827	2783	354	2551	59	33	0.06	0.24	244
CA1278358740+	CO-554407469	0.29	0 3-	Capacitor	2833	2827	2783	354	0	-14	0	0.00	0.24	0
CO24739+	CO-554407469	0.38	6 3-	336ACSR	2799	2787	2733	354	2549	65	13	0.03	0.27	71
CO23954+	CO24739	0.42	6 3-	336ACSR	2783	2768	2709	353	2549	66	13	0.01	0.29	35
CO24791+	CO23954	0.47	4 3-	1/0PRIURD	2779	2757	2679	880	2370	61	41	0.02	0.30	70
190209101+	CO24791	0.47	1 3-	Consumer	2779	2757	2679	880	501	13	0	0.00	0.30	0
190209100+	CO24791	0.47	1 3-	Consumer	2779	2757	2679	880	734	19	0	0.00	0.30	0
CO24736+	CO23954	0.45	2 3-	336ACSR	2772	2756	2693	353	179	4	1	0.00	0.29	0
CO24737+	CO24736	0.48	2 3-	336ACSR	2761	2742	2676	353	179	4	1	0.00	0.29	0
CO24368+	CO24737	0.54	1 3-	336ACSR	2741	2719	2647	353	52	1	0	0.00	0.29	0
CO24835+	CO24368	0.58	0 3-	336ACSR	2729	2705	2630	353	0	0	0	0.00	0.29	0
CO24834+	CO24835	0.59	0 3-	336ACSR	2725	2701	2625	353	0	0	0	0.00	0.29	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SW718-A+	CO24834	0.59	0 3-	Open	2725	2701	2625	353	0	0	0	0.00	0.29	0
CO30660+	CO24368	0.62	1 1-	1/0PRIURD	0	0	2598	874	52	3	3	0.00	0.29	0
CO30661+	CO30660	0.67	1 1-	1/0PRIURD	0	0	2572	870	52	4	3	0.00	0.29	0
CO24821+	CO24737	0.52	1 3-	1/0PRIURD	2758	2735	2655	879	127	3	2	0.00	0.29	0
CO23952+	CO24739	0.45	0 3-	336ACSR	2773	2756	2694	353	0	0	0	0.00	0.27	0
CO23953+	CO23952	0.48	0 3-	336ACSR	2761	2743	2677	353	0	0	0	0.00	0.27	0
CO24792+	CO23953	0.53	0 3-	1/0PRIURD	2758	2734	2653	879	0	0	0	0.00	0.27	0
CO24966+	CO23952	0.59	0 3-	1/0PRIURD	2763	2727	2614	872	0	0	0	0.00	0.27	0
CO-1366423321+	CO-980555440	0.19	1 3-	2ACSR	2884	2884	2863	356	2942	76	42	0.05	0.18	243
CO24377+	CO-1366423321	0.20	1 3-	336ACSR	2880	2879	2856	356	2941	76	15	0.00	0.18	12
CO24738+	CO24377	0.21	1 3-	336ACSR	2878	2876	2853	356	2941	76	15	0.00	0.18	6
CO24378+	CO24738	0.35	1 3-	1/0PRIURD	2869	2848	2763	888	2941	76	51	0.07	0.25	474
CO24953+	CO24378	0.40	0 3-	1/0PRIURD	2865	2836	2731	883	0	0	0	0.00	0.25	0
CO24793+	CO24378	0.43	1 3-	1/0PRIURD	2863	2830	2714	881	2939	76	51	0.04	0.30	267
190209103+	CO24793	0.43	1 3-	Consumer	2863	2830	2714	881	2937	76	0	0.00	0.30	0
CO24830+	CO24829	0.01	57 3-	750 MCM - 42 wi	2964	2979	2988	357	1324	30	3	0.00	0.00	0
Maysville Ckt+	CO24830	0.01	57 3-	560 200WVE	2964	2979	2988	357	1324	30	5	0.00	0.00	0
CO24832+	Maysville Ckt	0.04	57 3-	336ACSR	2954	2966	2974	357	1324	30	6	0.00	0.01	4
CO24527+	CO24832	0.13	57 3-	336ACSR	2918	2921	2917	357	1324	30	6	0.01	0.02	15
CO24520+	CO24527	0.23	57 3-	336ACSR	2880	2876	2858	356	1324	30	6	0.01	0.03	17
CO24856+	CO24520	0.29	1 1-	2ACSR	0	0	2812	355	34	2	2	0.00	0.03	0
CO24521+	CO24520	0.30	56 3-	336ACSR	2854	2847	2819	356	1290	29	6	0.01	0.04	11
CO24522+	CO24521	0.33	56 3-	336ACSR	2841	2832	2800	356	1290	29	6	0.00	0.04	6
CO24135+	CO24522	0.40	56 3-	336ACSR	2818	2805	2765	356	1290	29	6	0.01	0.05	10
CO24136+	CO24135	0.55	52 3-	336ACSR	2764	2744	2685	355	1254	28	6	0.02	0.06	22
CO24137+	CO24136	0.57	51 3-	336ACSR	2755	2734	2672	355	1237	28	5	0.00	0.07	4
CO-1630480590+	CO24137	0.62	20 3-	2ACSR	2732	2708	2638	354	233	6	3	0.00	0.07	0
CO1143696211+	CO-1630480590	0.66	0 3-	1/0PRIURD	2730	2700	2613	883	0	0	0	0.00	0.07	0
CO-1527998077+	CO-1630480590	0.66	20 3-	2ACSR	2710	2684	2605	353	233	6	3	0.00	0.07	0
CO1476734394+	CO-1527998077	0.69	20 1-	1/0PRIURD	0	0	2589	879	233	18	12	0.01	0.08	0
CO555880834+	CO1476734394	0.74	17 1-	1/0PRIURD	0	0	2561	876	195	15	10	0.01	0.09	2
CO1728838745+	CO555880834	0.76	2 1-	1/0PRIURD	0	0	2553	874	36	2	2	0.00	0.09	0
CO1498486379+	CO555880834	0.77	10 1-	1/0PRIURD	0	0	2543	873	108	8	6	0.00	0.09	0
CO1258449298+	CO1498486379	0.79	10 1-	1/0PRIURD	0	0	2535	872	108	8	6	0.00	0.10	0
CO-296429122+	CO1258449298	0.82	10 1-	1/0PRIURD	0	0	2526	869	108	8	6	0.00	0.10	0
CO1804891826+	CO-296429122	0.84	6 1-	1/0PRIURD	0	0	2518	868	56	4	3	0.00	0.10	0
CO-819797655+	CO1498486379	0.82	0 1-	1/0PRIURD	0	0	2514	869	0	0	0	0.00	0.09	0
CO-276659867+	CO24137	0.60	31 3-	2ACSR	2741	2718	2651	354	1004	22	13	0.01	0.08	14
CO-96057921+	CO-276659867	0.68	31 3-	2ACSR	2704	2677	2596	353	1004	22	13	0.02	0.10	36
CO24138+	CO-96057921	0.75	31 3-	336ACSR	2680	2649	2562	353	1004	22	4	0.01	0.10	7
CO24139+	CO24138	0.79	31 3-	336ACSR	2666	2633	2542	353	1004	22	4	0.00	0.11	4
CO23958+	CO24139	0.80	31 3-	1/0AAAC	2664	2631	2539	353	1004	22	9	0.00	0.11	0
CA71+	CO23958	0.80	0 3-	Capacitor	2664	2631	2539	353	0	-10	0	0.00	0.11	0
CO30683+	CO23958	0.84	31 3-	1/0AAAC	2646	2611	2513	352	1004	26	11	0.01	0.12	19
CO23955+	CO30683	0.91	17 1-	4ACSR	0	0	2464	351	220	17	13	0.03	0.15	10
CO24140+	CO23955	0.97	7 1-	4ACSR	0	0	2421	349	65	5	4	0.00	0.15	0
CO24523+	CO24140	1.03	2 1-	4ACSR	0	0	2378	348	5	0	0	0.00	0.15	0
CO24524+	CO24523	1.12	1 1-	4ACSR	0	0	2311	346	0	0	0	0.00	0.15	0
CO23956+	CO23955	0.92	8 1-	4ACSR	0	0	2454	350	122	9	7	0.00	0.15	0
CO24141+	CO23956	0.96	6 1-	4ACSR	0	0	2429	349	97	7	6	0.01	0.15	0
CO24115+	CO24141	1.01	2 1-	4ACSR	0	0	2395	348	49	3	3	0.00	0.16	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24525+	CO24141	1.04	2 1-	4ACSR	0	0	2370	348	34	2	2	0.01	0.16	0
CO24526+	CO24525	1.05	2 1-	4ACSR	0	0	2361	347	34	2	2	0.00	0.16	0
CO23957+	CO23956	1.20	2 1-	4ACSR	0	0	2260	344	25	2	1	0.01	0.16	0
CO24142+	CO23957	1.35	1 1-	4ACSR	0	0	2157	341	25	2	1	0.01	0.17	0
CO24143+	CO24142	1.48	1 1-	4ACSR	0	0	2072	338	25	2	1	0.01	0.18	0
CO24144+	CO24143	1.61	1 1-	4ACSR	0	0	1994	335	25	2	1	0.01	0.18	0
CO24145+	CO24144	1.71	1 1-	4ACSR	0	0	1932	333	25	2	1	0.01	0.19	0
CO24146+	CO24145	1.99	1 1-	4ACSR	0	0	1779	328	25	2	1	0.01	0.20	0
CO24147+	CO24146	2.01	1 1-	4ACSR	0	0	1767	327	25	2	1	0.00	0.20	0
CO24114+	CO23957	1.28	1 1-	4ACSR	0	0	2204	342	0	0	0	0.00	0.16	0
CO170561368+	CO30683	0.90	14 3-	2ACSR	2620	2582	2476	351	784	20	12	0.02	0.14	22
CO-1630019527+	CO170561368	1.01	14 3-	2ACSR	2570	2525	2406	350	784	20	12	0.03	0.17	44
CO24380+	CO-1630019527	1.10	8 3-	1/0AAAC	2535	2486	2358	349	423	11	4	0.01	0.18	7
CO24379+	CO24380	1.32	8 3-	1/0AAAC	2454	2396	2249	346	423	11	4	0.02	0.20	16
CO24382+	CO24379	1.34	6 1-	4ACSR	0	0	2237	346	75	6	4	0.00	0.20	0
CO24381+	CO24382	1.37	6 1-	4ACSR	0	0	2218	345	75	6	4	0.00	0.21	0
CO24119+	CO24381	1.40	1 1-	4ACSR	0	0	2195	344	2	0	0	0.00	0.21	0
CO24530+	CO24381	1.39	5 1-	4ACSR	0	0	2206	345	73	5	4	0.00	0.21	0
CO24531+	CO24530	1.44	4 1-	4ACSR	0	0	2173	344	52	4	3	0.01	0.21	0
CO24385+	CO24531	1.58	1 1-	4ACSR	0	0	2084	341	30	2	2	0.00	0.22	0
CO24386+	CO24385	1.60	0 1-	4ACSR	0	0	2069	340	0	0	0	0.00	0.22	0
CO24383+	CO24531	1.60	3 1-	4ACSR	0	0	2071	340	23	1	1	0.01	0.22	0
CO24384+	CO24383	1.70	1 1-	4ACSR	0	0	2015	338	9	0	1	0.00	0.22	0
CO24118+	CO24384	1.73	0 1-	4ACSR	0	0	1995	337	0	0	0	0.00	0.22	0
CO24117+	CO24384	1.77	1 1-	4ACSR	0	0	1970	336	9	0	1	0.00	0.22	0
CO24514+	CO24379	1.42	1 3-	1/0AAAC	2421	2359	2205	345	347	9	4	0.01	0.21	5
CO24513+	CO24514	1.50	1 3-	1/0AAAC	2392	2326	2167	344	347	9	4	0.01	0.22	4
CO24116+	CO24513	1.55	1 3-	1/0PRIURD	2387	2322	2156	817	347	9	6	0.00	0.22	2
200102020+	CO24116	1.55	1 3-	Consumer	2387	2322	2156	817	347	9	0	0.00	0.22	0
CO24388+	CO-1630019527	1.05	6 3-	1/0AAAC	2554	2507	2384	349	360	9	4	0.00	0.17	0
CO24389+	CO24388	1.09	5 3-	1/0AAAC	2539	2490	2363	349	319	8	3	0.00	0.17	0
CO24390+	CO24389	1.28	2 3-	1/0AAAC	2467	2410	2266	347	193	5	2	0.01	0.18	3
CO24391+	CO24390	1.33	2 3-	1/0AAAC	2450	2391	2244	346	193	5	2	0.00	0.19	0
CO24120+	CO24391	1.36	1 3-	1/0PRIURD	2448	2389	2235	830	191	5	3	0.00	0.19	0
CO24515+	CO24389	1.11	3 3-	1/0AAAC	2530	2480	2351	348	126	3	1	0.00	0.17	0
CO24609+	CO24515	1.12	2 3-	1/0AAAC	2528	2478	2348	348	114	3	1	0.00	0.17	0
CO24610+	CO24609	1.12	1 3-	1/0AAAC	2526	2476	2345	348	71	1	1	0.00	0.17	0
CO24794+	CO30683	1.06	0 1-	4ACSR	0	0	2359	347	0	0	0	0.00	0.12	0
CO24392+	CO24794	1.28	0 1-	4ACSR	0	0	2202	342	0	0	0	0.00	0.12	0
CO24840+	CO24392	1.57	0 1-	4ACSR	0	0	2016	336	0	0	0	0.00	0.12	0
CO24841+	CO24840	1.58	0 1-	4ACSR	0	0	2010	336	0	0	0	0.00	0.12	0
CO24796+	CO24794	1.10	0 1-	4ACSR	0	0	2330	346	0	0	0	0.00	0.12	0
CO24795+	CO24796	1.10	0 1-	4ACSR	0	0	2325	346	0	0	0	0.00	0.12	0
CO24810+	CO24522	0.36	0 3-	336ACSR	2831	2820	2785	356	0	0	0	0.00	0.04	0
SW719-A+	CO24810	0.36	0 3-	Open	2831	2820	2785	356	0	0	0	0.00	0.04	0
SUB	0 total losses:	\$25,300												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0	MURPHYSVILLE		1947		3394	3521	3548	357	8920					
CO29531+	MURPHYSVILLE	0.00	1947 3-	750 MCM - 42 Wi	3392	3518	3545	357	8920	200	17	0.00	0.00	8
CO29532+	CO29531	0.01	1947 3-	750 MCM - 42 Wi	3391	3516	3542	357	8920	200	17	0.00	0.00	8
CO29536+	CO29532	0.02	325 3-	750 MCM - 42 Wi	3385	3508	3533	357	1575	35	3	0.00	0.00	0
Weaver Rd+	CO29536	0.02	325 3-	560 200WVE	3385	3508	3533	357	1575	35	6	0.00	0.00	0
CO29467+	Weaver Rd	0.03	325 3-	336ACSR	3380	3500	3524	357	1575	35	7	0.00	0.00	0
CO29468+	CO29467	0.09	325 3-	336ACSR	3349	3450	3472	357	1575	35	7	0.01	0.01	13
CO29469+	CO29468	0.26	325 3-	336ACSR	3263	3321	3331	356	1574	35	7	0.02	0.03	37
CO29435+	CO29469	0.32	322 3-	336ACSR	3232	3276	3282	356	1556	34	7	0.01	0.04	13
CO29436+	CO29435	0.65	316 3-	336ACSR	3079	3063	3044	354	1519	33	7	0.04	0.07	68
CO29449+	CO29436	0.70	1 1-	4ACSR	0	0	2996	353	1	0	0	0.00	0.07	0
CO29437+	CO29436	0.75	315 3-	336ACSR	3033	3008	2977	354	1517	33	7	0.01	0.08	21
CO29438+	CO29437	0.90	314 3-	336ACSR	2972	2938	2887	353	1514	33	7	0.02	0.10	29
CO1147271442+	CO29438	0.94	7 1-	2ACSR	0	0	2852	353	58	3	2	0.00	0.10	0
CO132460504+	CO1147271442	1.01	1 1-	2ACSR	0	0	2787	352	7	0	0	0.00	0.10	0
CO1693830204+	CO1147271442	1.15	6 1-	2ACSR	0	0	2676	349	51	3	2	0.01	0.11	0
CO29478+	CO1693830204	1.17	4 1-	4ACSR	0	0	2651	349	31	2	1	0.00	0.11	0
CO29479+	CO29478	1.21	3 1-	4ACSR	0	0	2623	348	20	1	1	0.00	0.11	0
CO29480+	CO29479	1.23	2 1-	4ACSR	0	0	2601	348	17	1	1	0.00	0.11	0
CO29481+	CO29480	1.30	1 1-	4ACSR	0	0	2538	346	8	0	0	0.00	0.11	0
CO29458+	CO29481	1.35	1 1-	2ACSR	0	0	2503	345	8	0	0	0.00	0.12	0
CO29476+	CO1693830204	1.19	2 1-	4ACSR	0	0	2633	348	20	1	1	0.00	0.11	0
CO29477+	CO29476	1.24	1 1-	4ACSR	0	0	2591	347	9	0	0	0.00	0.11	0
CO29482+	CO29438	0.93	307 3-	336ACSR	2961	2925	2871	353	1455	32	6	0.00	0.10	5
CO29483+	CO29482	0.95	307 3-	336ACSR	2953	2915	2858	353	1455	32	6	0.00	0.10	4
CO30475+	CO29483	1.06	307 3-	336ACSR	2905	2861	2789	353	1455	32	6	0.01	0.12	22
CO29198+	CO30475	1.20	0 1-	4ACSR	0	0	2671	350	0	0	0	0.00	0.12	0
CO29248+	CO30475	1.44	2 1-	6ACWC	0	0	2456	344	13	0	1	0.00	0.12	0
CO30476+	CO29248	1.59	1 1-	6ACWC	0	0	2339	341	4	0	0	0.00	0.12	0
CO29243+	CO30475	1.13	305 3-	336ACSR	2878	2830	2751	352	1442	32	6	0.01	0.12	13
CO29247+	CO29243	1.19	304 3-	336ACSR	2856	2805	2720	352	1437	32	6	0.01	0.13	10
CO29185+	CO29247	1.51	304 3-	336ACSR	2739	2675	2560	351	1437	32	6	0.03	0.16	58
CO29184+	CO29185	1.68	279 3-	336ACSR	2679	2608	2479	350	1261	28	5	0.02	0.18	25
CO29239+	CO29184	1.78	3 1-	4ACSR	0	0	2402	348	9	0	0	0.00	0.18	0
CO29201+	CO29239	1.80	1 1-	4ACSR	0	0	2386	347	0	0	0	0.00	0.18	0
CO29240+	CO29239	1.82	2 1-	4ACSR	0	0	2377	347	9	0	0	0.00	0.18	0
CO29187+	CO29184	1.84	276 3-	336ACSR	2626	2549	2409	349	1251	28	5	0.01	0.19	22
CO29197+	CO29187	1.88	1 1-	4ACSR	0	0	2381	348	1	0	0	0.00	0.19	0
CO29237+	CO29187	1.93	274 3-	336 MCM ACSR 30	2596	2517	2371	349	1241	27	5	0.01	0.20	13
CO29203+	CO29237	2.01	1 1-	2ACSR	0	0	2321	348	11	0	0	0.00	0.20	0
CO29238+	CO29237	2.05	273 3-	336 MCM ACSR 30	2560	2477	2324	348	1230	27	5	0.01	0.21	16
CO29200+	CO29238	2.12	1 1-	4ACSR	0	0	2277	347	10	0	0	0.00	0.21	0
CO29196+	CO29238	2.12	2 1-	4ACSR	0	0	2275	347	8	0	0	0.00	0.21	0
CO29188+	CO29238	2.18	270 3-	336ACSR	2518	2432	2272	348	1212	27	5	0.01	0.22	18
CO29307+	CO29188	2.25	268 3-	336ACSR	2500	2412	2249	347	1204	26	5	0.01	0.22	8
CO29233+	CO29307	2.44	267 3-	336ACSR	2443	2351	2178	347	1204	26	5	0.02	0.24	25
CO29181+	CO29233	2.63	267 3-	336ACSR	2391	2295	2115	346	1204	26	5	0.02	0.26	24
CO29229+	CO29181	2.67	2 1-	4ACSR	0	0	2092	345	15	0	1	0.00	0.26	0
CO29230+	CO29229	2.74	1 1-	4ACSR	0	0	2050	343	6	0	0	0.00	0.26	0
CO29190+	CO29229	2.70	1 1-	4ACSR	0	0	2074	344	9	0	0	0.00	0.26	0
CO29227+	CO29181	2.80	265 3-	336ACSR	2344	2245	2058	345	1189	26	5	0.01	0.27	22

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29228+	CO29227	3.00	264 3-	336ACSR	2292	2191	1998	344	1186	26	5	0.02	0.29	25
CO29182+	CO29228	3.20	262 3-	336ACSR	2243	2138	1940	343	1184	26	5	0.02	0.31	25
CO29305+	CO29182	3.69	1 1-	4ACSR	0	0	1716	333	5	0	0	0.00	0.31	0
CO29306+	CO29305	3.74	0 1-	4ACSR	0	0	1693	332	0	0	0	0.00	0.31	0
CO29223+	CO29182	3.42	261 3-	336ACSR	2191	2084	1881	342	1179	26	5	0.02	0.32	27
CO29224+	CO29223	3.44	260 3-	336ACSR	2186	2079	1876	342	1171	26	5	0.00	0.33	2
CO29222+	CO29224	3.49	260 3-	336ACSR	2175	2067	1862	342	1171	26	5	0.00	0.33	6
CO29221+	CO29222	3.55	260 3-	336ACSR	2162	2054	1848	342	1171	26	5	0.00	0.33	7
CO29220+	CO29221	3.64	259 3-	336ACSR	2142	2033	1825	341	1161	26	5	0.01	0.34	11
CO29301+	CO29220	3.65	1 1-	6ACWC	0	0	1822	341	4	0	0	0.00	0.34	0
OC909+	CO29301	3.65	1 1-	10 N FUSE	0	0	1822	341	4	0	2	0.00	0.34	0
CO29302+	OC909	3.72	1 1-	6ACWC	0	0	1791	340	4	0	0	0.00	0.34	0
CO29219+	CO29302	4.07	0 1-	6ACWC	0	0	1647	332	0	0	0	0.00	0.34	0
CO29217+	CO29220	3.70	258 3-	336ACSR	2128	2019	1810	341	1158	25	5	0.01	0.35	7
CO29218+	CO29217	3.79	258 3-	336ACSR	2109	1999	1789	341	1158	25	5	0.01	0.35	10
CO29180+	CO29218	3.98	254 3-	336ACSR	2068	1957	1744	340	1151	25	5	0.02	0.37	23
CO29210+	CO29180	4.01	4 1-	4ACSR	0	0	1733	339	9	0	0	0.00	0.37	0
CO29211+	CO29210	4.25	3 1-	4ACSR	0	0	1639	334	4	0	0	0.00	0.37	0
CO29209+	CO29211	4.30	1 1-	4ACSR	0	0	1622	333	2	0	0	0.00	0.37	0
CO29207+	CO29180	4.22	249 3-	336ACSR	2020	1907	1692	339	1139	25	5	0.02	0.39	28
CO29208+	CO29207	4.34	249 3-	336ACSR	1996	1883	1666	338	1139	25	5	0.01	0.40	14
CO30472+	CO29208	4.52	246 3-	336ACSR	1963	1850	1631	337	1118	25	5	0.01	0.41	19
CO26580+	CO30472	4.69	2 1-	1/0CU	0	0	1593	336	9	0	0	0.00	0.41	0
CO26655+	CO30472	4.61	244 3-	336ACSR	1946	1832	1613	337	1109	24	5	0.01	0.42	10
CO26656+	CO26655	4.62	244 3-	336ACSR	1945	1831	1611	337	1109	24	5	0.00	0.42	0
CO26656+	CO26656	4.73	238 3-	336ACSR	1925	1811	1591	336	1090	24	5	0.01	0.43	11
CO26650+	CO26656	4.77	238 3-	336ACSR	1917	1803	1583	336	1090	24	5	0.00	0.43	5
CO26651+	CO26650	4.93	236 3-	336ACSR	1891	1776	1555	335	1088	24	5	0.01	0.44	16
CO26645+	CO26651	5.03	232 3-	336ACSR	1873	1758	1537	335	1061	23	5	0.01	0.45	10
CO26646+	CO26645	5.27	232 3-	336ACSR	1833	1717	1495	334	1061	23	5	0.02	0.47	25
CO26755+	CO26646	5.28	26 1-	4ACSR	0	0	1493	334	113	7	5	0.00	0.47	0
OC822+	CO26755	5.28	26 1-	50 L OCR	0	0	1493	334	113	7	0	0.00	0.47	0
CO26756+	OC822	5.31	26 1-	4ACSR	0	0	1484	333	113	7	5	0.01	0.48	0
CO26657+	CO26756	5.32	26 1-	4ACSR	0	0	1480	333	113	7	5	0.00	0.48	0
CO26658+	CO26657	5.35	24 1-	4ACSR	0	0	1471	332	104	7	5	0.00	0.48	0
XFMR76	CO26658	5.35	24 1-	333 KVA 1PH AUT	0	0	955	174	104	7	30	0.19	0.67	0
CO26659	XFMR76	5.48	24 1-	4ACSR	0	0	928	173	104	14	10	0.08	0.75	13
CO26660	CO26659	5.63	23 1-	4ACSR	0	0	898	171	96	12	9	0.08	0.84	13
CO26664	CO26660	5.75	22 1-	4ACSR	0	0	873	170	87	11	8	0.06	0.90	9
CO26665	CO26664	5.76	22 1-	4ACSR	0	0	871	170	87	11	8	0.01	0.90	0
CO26668	CO26665	5.79	21 1-	2ACSR	0	0	866	170	86	11	6	0.01	0.91	0
CO240497020	CO26668	5.84	1 1-	2ACSR	0	0	857	169	1	0	0	0.00	0.91	0
CO-1266905875	CO26668	5.85	19 1-	2ACSR	0	0	855	169	81	10	6	0.02	0.94	3
CO26669	CO-1266905875	5.93	19 1-	4ACSR	0	0	839	168	81	10	8	0.04	0.98	5
CO26670	CO26669	5.98	19 1-	4ACSR	0	0	830	168	81	10	8	0.02	1.00	3
CO26671	CO26670	6.16	19 1-	4ACSR	0	0	796	166	81	10	8	0.09	1.09	12
CO26581	CO26671	6.22	1 1-	4ACSR	0	0	786	165	5	0	0	0.00	1.09	0
CO26566	CO26671	6.32	8 1-	4ACSR	0	0	767	164	39	5	4	0.04	1.13	2
CO26688	CO26566	6.41	8 1-	4ACSR	0	0	751	163	39	5	4	0.02	1.15	0
CO26689	CO26688	6.62	7 1-	4ACSR	0	0	717	161	35	4	3	0.04	1.19	2
CO876229020	CO26689	6.66	1 1-	2ACSR	0	0	711	161	11	1	1	0.00	1.19	0
CO26690	CO26689	6.66	6 1-	4ACSR	0	0	711	161	25	3	2	0.00	1.19	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26752	CO26690	6.70	5 1-	4ACSR	0	0	704	160	16	2	2	0.00	1.20	0
CO26691	CO26752	6.74	4 1-	4ACSR	0	0	697	160	6	0	1	0.00	1.20	0
CO26692	CO26691	6.87	3 1-	4ACSR	0	0	678	159	6	0	1	0.00	1.20	0
CO26705	CO26692	7.11	3 1-	4ACSR	0	0	644	157	6	0	1	0.01	1.21	0
CO26605	CO26705	7.16	0 1-	2ACSR	0	0	638	156	0	0	0	0.00	1.21	0
CO26706	CO26705	7.17	3 1-	4ACSR	0	0	636	156	6	0	1	0.00	1.21	0
CO26571	CO26706	7.20	3 1-	4ACSR	0	0	631	156	6	0	1	0.00	1.22	0
CO-1342125465	CO26571	7.39	1 1-	2ACSR	0	0	611	154	3	0	0	0.00	1.22	0
CO26600	CO26571	7.27	1 1-	4ACSR	0	0	623	155	3	0	0	0.00	1.22	0
CO26693	CO26571	7.27	1 1-	4ACSR	0	0	622	155	0	0	0	0.00	1.22	0
CO26694	CO26693	7.42	0 1-	4ACSR	0	0	603	154	0	0	0	0.00	1.22	0
CO30570	CO26694	7.46	0 1-	4ACSR	0	0	598	153	0	0	0	0.00	1.22	0
CO30568	CO30570	7.51	0 1-	4ACSR	0	0	593	153	0	0	0	0.00	1.22	0
CO26586	CO26706	7.21	0 1-	4ACSR	0	0	631	156	0	0	0	0.00	1.21	0
CO26684	CO26566	6.46	0 1-	4ACSR	0	0	743	163	0	0	0	0.00	1.13	0
CO26685	CO26684	6.89	0 1-	4ACSR	0	0	675	159	0	0	0	0.00	1.13	0
CO26686	CO26685	6.91	0 1-	4ACSR	0	0	672	158	0	0	0	0.00	1.13	0
CO26687	CO26686	6.97	0 1-	4ACSR	0	0	663	158	0	0	0	0.00	1.13	0
CO26672	CO26671	6.35	10 1-	4ACSR	0	0	761	164	38	5	4	0.04	1.12	0
CO26673	CO26672	6.42	9 1-	4ACSR	0	0	750	163	26	3	2	0.01	1.14	0
CO26764	CO26673	6.74	9 1-	4ACSR	0	0	697	160	26	3	2	0.05	1.19	0
CO26567	CO26764	7.01	3 1-	4ACSR	0	0	657	157	9	1	1	0.02	1.20	0
CO26582	CO26567	7.25	1 1-	4ACSR	0	0	625	155	0	0	0	0.00	1.20	0
CO26570	CO26567	7.34	2 1-	4ACSR	0	0	613	154	9	1	1	0.02	1.22	0
CO26676	CO26570	7.44	1 1-	4ACSR	0	0	600	154	0	0	0	0.00	1.22	0
CO26677	CO26676	7.62	1 1-	4ACSR	0	0	580	152	0	0	0	0.00	1.22	0
CO26678	CO26677	7.73	1 1-	4ACSR	0	0	566	151	0	0	0	0.00	1.22	0
CO26679	CO26678	8.04	1 1-	4ACSR	0	0	534	148	0	0	0	0.00	1.22	0
CO26568	CO26570	7.86	1 1-	4ACSR	0	0	552	150	9	1	1	0.01	1.23	0
CO26674	CO26764	6.83	6 1-	4ACSR	0	0	684	159	16	2	2	0.01	1.19	0
CO26675	CO26674	7.10	6 1-	4ACSR	0	0	645	157	16	2	2	0.03	1.22	0
CO26680	CO26675	7.12	4 1-	4ACSR	0	0	643	156	13	1	1	0.00	1.22	0
CO26584	CO26680	7.20	1 1-	4ACSR	0	0	632	156	3	0	0	0.00	1.22	0
CO26681	CO26680	7.14	3 1-	4ACSR	0	0	640	156	11	1	1	0.00	1.22	0
CO26682	CO26675	7.47	2 1-	4ACSR	0	0	597	153	3	0	0	0.01	1.23	0
CO26683	CO26682	7.55	1 1-	4ACSR	0	0	588	153	3	0	0	0.00	1.23	0
CO26608	CO26682	7.53	1 1-	2ACSR	0	0	591	153	0	0	0	0.00	1.23	0
CO26666	CO26665	5.88	0 1-	4ACSR	0	0	847	169	0	0	0	0.00	0.90	0
CO26667	CO26666	5.99	0 1-	1/0PRIURD	0	0	832	379	0	0	0	0.00	0.90	0
CO26661	CO26660	5.68	1 1-	4ACSR	0	0	886	171	10	1	1	0.00	0.84	0
CO26662	CO26661	5.82	0 1-	4ACSR	0	0	858	169	0	0	0	0.00	0.84	0
CO26663	CO26662	5.87	0 1-	4ACSR	0	0	848	169	0	0	0	0.00	0.84	0
CO26618+	CO26646	5.28	0 3-	1/0ACSR	1830	1715	1493	334	0	0	0	0.00	0.47	0
CO26619+	CO26618	5.39	0 3-	1/0ACSR	1806	1690	1468	333	0	0	0	0.00	0.47	0
CO26754+	CO26619	5.39	0 3-	1/0ACSR	1804	1688	1466	333	0	0	0	0.00	0.47	0
CO26623+	CO26646	5.29	206 3-	336ACSR	1829	1714	1492	334	948	21	4	0.00	0.47	0
CO-1268480205+	CO26623	5.33	1 1-	2ACSR	0	0	1481	333	6	0	0	0.00	0.47	0
CO26583+	CO26623	5.40	1 1-	4ACSR	0	0	1460	332	2	0	0	0.00	0.47	0
CO26624+	CO26623	5.37	202 3-	336ACSR	1816	1700	1478	333	925	20	4	0.01	0.48	6
CO26625+	CO26624	5.40	199 3-	336ACSR	1812	1697	1474	333	908	20	4	0.00	0.48	0
CO26626+	CO26625	5.47	199 3-	336ACSR	1801	1685	1463	333	908	20	4	0.00	0.48	5
CO26627+	CO26626	5.72	198 3-	336ACSR	1762	1646	1423	332	905	20	4	0.02	0.50	18

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26628+	CO26627	5.75	198 3-	336ACSR	1757	1641	1418	332	905	20	4	0.00	0.50	2
CO26629+	CO26628	5.81	198 3-	336ACSR	1748	1633	1410	331	905	20	4	0.00	0.50	4
CO26630+	CO26629	5.86	198 3-	336ACSR	1742	1626	1403	331	905	20	4	0.00	0.51	3
CO26631+	CO26630	5.91	198 3-	336ACSR	1734	1619	1396	331	905	20	4	0.00	0.51	4
CO26632+	CO26631	5.94	197 3-	336ACSR	1729	1614	1391	331	886	19	4	0.00	0.51	2
CO26633+	CO26632	6.00	197 3-	336ACSR	1721	1605	1382	331	886	19	4	0.00	0.52	4
CO26634+	CO26633	6.13	197 3-	336ACSR	1703	1587	1364	330	886	19	4	0.01	0.52	9
CO26635+	CO26634	6.25	197 3-	336ACSR	1685	1570	1347	329	886	19	4	0.01	0.53	9
CO26636+	CO26635	6.31	197 3-	336ACSR	1678	1563	1340	329	886	19	4	0.00	0.53	4
CO26637+	CO26636	6.39	197 3-	336ACSR	1667	1552	1329	329	886	19	4	0.01	0.54	6
CO-1044384885+	CO26637	6.44	1 1-	2ACSR	0	0	1318	328	0	0	0	0.00	0.54	0
CO1851840723+	CO-1044384885	6.49	1 1-	2ACSR	0	0	1309	327	0	0	0	0.00	0.54	0
CO-689689077+	CO1851840723	6.55	1 1-	2ACSR	0	0	1295	326	0	0	0	0.00	0.54	0
CO203042550+	CO-689689077	6.62	1 1-	2ACSR	0	0	1281	325	0	0	0	0.00	0.54	0
CO26638+	CO26637	6.43	196 3-	336ACSR	1662	1547	1324	329	886	19	4	0.00	0.54	3
CO26639+	CO26638	6.48	196 3-	336ACSR	1655	1540	1317	328	886	19	4	0.00	0.55	4
CO26640+	CO26639	6.55	196 3-	336ACSR	1645	1530	1308	328	886	19	4	0.00	0.55	5
CO26641+	CO26640	6.61	196 3-	336ACSR	1638	1523	1301	328	886	19	4	0.00	0.55	4
CO26642+	CO26641	6.66	196 3-	336ACSR	1630	1516	1294	328	886	19	4	0.00	0.56	4
CO26643+	CO26642	6.73	196 3-	336ACSR	1622	1508	1286	327	886	19	4	0.00	0.56	4
CO26644+	CO26643	6.79	196 3-	336ACSR	1615	1500	1279	327	886	19	4	0.00	0.56	4
CO30382+	CO26644	7.05	196 3-	336ACSR	1582	1468	1247	326	886	19	4	0.02	0.58	18
CO26156+	CO30382	7.10	0 1-	1/0ACSR	0	0	1239	325	0	0	0	0.00	0.58	0
CO26243+	CO30382	7.17	196 3-	336ACSR	1567	1453	1233	325	886	19	4	0.01	0.59	9
CO26244+	CO26243	7.25	196 3-	336ACSR	1558	1445	1225	325	886	19	4	0.00	0.59	5
CO26242+	CO26244	7.40	196 3-	336ACSR	1540	1427	1207	324	886	19	4	0.01	0.60	11
CO26241+	CO26242	7.49	196 3-	336ACSR	1530	1417	1198	324	886	19	4	0.01	0.61	6
CO26191+	CO26241	7.55	1 1-	2ACSR	0	0	1188	323	4	0	0	0.00	0.61	0
CO26240+	CO26241	7.52	195 3-	336ACSR	1526	1413	1194	324	882	19	4	0.00	0.61	2
CO26239+	CO26240	7.76	194 3-	336ACSR	1500	1387	1170	323	882	19	4	0.01	0.63	17
CO26228+	CO26239	7.78	3 3-	336ACSR	1497	1385	1168	322	19	0	0	0.00	0.63	0
CO26229+	CO26228	7.83	3 3-	336ACSR	1492	1380	1163	322	19	0	0	0.00	0.63	0
CO26226+	CO26229	7.88	3 2-	4ACSR	0	1369	1154	321	19	0	0	0.00	0.63	0
CO26227+	CO26226	7.95	2 2-	4ACSR	0	1352	1140	320	18	0	0	0.00	0.63	0
CO26225+	CO26227	7.99	2 2-	4ACSR	0	1346	1133	319	18	0	0	0.00	0.63	0
CO26324+	CO26229	7.84	0 3-	1/0ACSR	1491	1379	1162	322	0	0	0	0.00	0.63	0
CO26230+	CO26239	7.78	191 3-	4/0ACSR	1498	1385	1168	322	863	19	6	0.00	0.63	0
CO26231+	CO26230	7.92	188 3-	4/0ACSR	1479	1367	1151	322	859	19	6	0.01	0.64	15
CO26232+	CO26231	8.07	188 3-	4/0ACSR	1459	1348	1133	321	859	19	6	0.01	0.65	16
CO26326+	CO26232	8.08	2 1-	4/0ACSR	0	0	1132	321	7	0	0	0.00	0.65	0
OC802+	CO26326	8.08	2 1-	10 N FUSE	0	0	1132	321	7	0	5	0.00	0.65	0
CO26327+	OC802	8.10	2 1-	4/0ACSR	0	0	1129	320	7	0	0	0.00	0.65	0
CO26233+	CO26327	8.34	1 1-	4/0ACSR	0	0	1104	319	3	0	0	0.00	0.65	0
CO26234+	CO26233	8.37	1 1-	4/0ACSR	0	0	1100	319	3	0	0	0.00	0.65	0
CO26235+	CO26234	8.64	1 1-	4/0ACSR	0	0	1072	317	3	0	0	0.00	0.65	0
CO26236+	CO26235	9.09	0 1-	4/0ACSR	0	0	1028	314	0	0	0	0.00	0.65	0
CO26237+	CO26236	9.23	0 1-	4/0ACSR	0	0	1015	313	0	0	0	0.00	0.65	0
CO26238+	CO26237	9.33	0 1-	4/0ACSR	0	0	1006	313	0	0	0	0.00	0.65	0
CO26322+	CO26232	8.08	186 3-	4/0ACSR	1458	1347	1132	321	852	19	6	0.00	0.65	0
CO26323+	CO26322	8.22	186 3-	4/0ACSR	1441	1330	1116	320	852	19	6	0.01	0.67	15
CO26158+	CO26323	8.26	1 1-	1/0CU	0	0	1112	319	7	0	0	0.00	0.67	0
CO26131+	CO26323	8.32	185 3-	4/0ACSR	1428	1317	1105	319	845	18	6	0.01	0.68	11

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26245+	CO26131	8.43	183 3-	4/0ACSR	1414	1304	1093	318	839	18	6	0.01	0.69	11
CO26246+	CO26245	8.52	183 3-	4/0ACSR	1404	1294	1084	318	839	18	6	0.01	0.69	9
CO26250+	CO26246	8.56	178 3-	4/0ACSR	1400	1290	1080	318	817	18	5	0.00	0.70	3
CO26251+	CO26250	8.78	178 3-	4/0ACSR	1374	1265	1057	316	817	18	5	0.02	0.72	22
CO26160+	CO26251	8.82	1 1-	1/0CU	0	0	1053	316	6	0	0	0.00	0.72	0
CO26252+	CO26251	8.83	177 3-	4/0ACSR	1368	1260	1052	316	811	18	5	0.00	0.72	5
CO26253+	CO26252	8.92	176 3-	4/0ACSR	1358	1250	1044	315	801	17	5	0.01	0.73	8
CO26194+	CO26253	8.97	1 1-	2ACSR	0	0	1037	315	7	0	0	0.00	0.73	0
CO26254+	CO26253	8.98	174 3-	4/0ACSR	1351	1243	1037	315	793	17	5	0.01	0.73	6
CO26132+	CO26254	9.05	172 3-	4/0ACSR	1344	1236	1031	315	788	17	5	0.01	0.74	6
CO26348+	CO26132	9.29	171 3-	4/0ACSR	1318	1213	1008	313	777	17	5	0.02	0.76	22
CO26255+	CO26348	9.33	0 1-	4/0ACSR	0	0	1005	313	0	0	0	0.00	0.76	0
CO30578+	CO26255	9.38	0 1-	4/0ACSR	0	0	1001	312	0	0	0	0.00	0.76	0
CO26256+	CO30578	9.42	0 1-	4/0ACSR	0	0	997	312	0	0	0	0.00	0.76	0
CO26257+	CO26348	9.38	171 3-	4/0ACSR	1309	1205	1000	312	777	17	5	0.01	0.77	7
CO26258+	CO26257	9.49	171 3-	4/0ACSR	1298	1195	991	312	777	17	5	0.01	0.77	9
CO26140+	CO26258	9.78	110 3-	1/0ACSR	1263	1163	961	309	502	11	5	0.03	0.80	21
#SW810-B+	CO26140	9.78	0 3-	Open	1263	1163	961	309	0	0	0	0.00	0.80	0
CO26142+	CO26140	9.93	109 3-	2ACSR	1241	1145	943	307	499	11	6	0.02	0.82	18
CO26332+	CO26142	9.94	108 3-	2ACSR	1240	1144	942	307	493	11	6	0.00	0.83	0
OC809+	CO26332	9.94	108 3-	100 E OCR	1240	1144	942	307	493	11	11	0.00	0.83	0
CO26333+	OC809	10.04	108 3-	2ACSR	1227	1132	931	306	493	11	6	0.01	0.84	11
CO26263+	CO26333	10.13	108 3-	2ACSR	1216	1122	921	304	493	11	6	0.01	0.85	10
CO26265+	CO26263	10.14	0 1-	2ACSR	0	0	921	304	0	0	0	0.00	0.85	0
CO26264+	CO26265	10.16	0 1-	2ACSR	0	0	919	304	0	0	0	0.00	0.85	0
CO26155+	CO26263	10.37	107 3-	2ACSR	1185	1096	896	301	485	10	6	0.03	0.88	26
CO26170+	CO26155	10.47	1 1-	2ACSR	0	0	886	300	13	0	0	0.00	0.89	0
CO26266+	CO26155	10.56	106 3-	2ACSR	1161	1075	877	299	472	10	6	0.03	0.91	20
CO26267+	CO26266	10.75	105 3-	2ACSR	1138	1055	858	297	464	10	6	0.03	0.94	19
CO26268+	CO26267	10.81	104 3-	2ACSR	1132	1050	853	296	463	10	6	0.01	0.94	5
CO26273+	CO26268	10.97	6 1-	6ACWC	0	0	834	293	30	2	1	0.01	0.95	0
CO26274+	CO26273	11.03	4 1-	6ACWC	0	0	828	292	21	1	1	0.00	0.95	0
CO26275+	CO26274	11.09	4 1-	6ACWC	0	0	822	291	21	1	1	0.00	0.95	0
CO26276+	CO26275	11.43	4 1-	6ACWC	0	0	786	286	21	1	1	0.01	0.96	0
CO134724805+	CO26276	11.47	1 1-	6ACWC	0	0	783	285	6	0	0	0.00	0.96	0
CO26277+	CO26276	11.57	2 1-	6ACWC	0	0	773	284	13	0	1	0.00	0.97	0
CO26278+	CO26277	11.72	1 1-	6ACWC	0	0	758	281	13	0	1	0.00	0.97	0
CO26143+	CO26268	10.97	98 3-	2ACSR	1113	1033	838	294	433	9	5	0.02	0.96	14
CO26269+	CO26143	11.03	5 1-	2ACSR	0	0	832	293	21	1	1	0.00	0.96	0
CO26270+	CO26269	11.12	4 1-	2ACSR	0	0	824	292	16	1	1	0.00	0.97	0
CO26271+	CO26270	11.20	3 1-	2ACSR	0	0	817	291	12	0	0	0.00	0.97	0
CO26272+	CO26271	11.23	2 1-	2ACSR	0	0	814	291	3	0	0	0.00	0.97	0
CO26144+	CO26143	11.12	93 3-	2ACSR	1096	1018	824	292	412	9	5	0.02	0.98	12
CO26338+	CO26144	11.12	2 1-	2ACSR	0	0	823	292	19	1	1	0.00	0.98	0
OC799+	CO26338	11.12	2 1-	10 N FUSE	0	0	823	292	19	1	13	0.00	0.98	0
CO26339+	OC799	11.18	2 1-	2ACSR	0	0	819	292	19	1	1	0.00	0.98	0
CO26281+	CO26339	11.23	2 1-	2ACSR	0	0	815	291	19	1	1	0.00	0.98	0
CO26349+	CO26281	11.52	1 1-	2ACSR	0	0	789	288	13	0	0	0.00	0.99	0
CO26197+	CO26281	11.29	1 1-	2ACSR	0	0	809	290	6	0	0	0.00	0.98	0
CO26279+	CO26144	11.14	2 1-	2ACSR	0	0	822	292	5	0	0	0.00	0.98	0
CO26280+	CO26279	11.19	1 1-	2ACSR	0	0	818	291	2	0	0	0.00	0.98	0
CO26282+	CO26144	11.16	89 3-	2ACSR	1091	1015	821	292	388	8	5	0.00	0.99	3

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO26283+	CO26282	11.31	89 3-	2ACSR	1074	999	807	290	388	8	5	0.02	1.00	11
CO26289+	CO26283	11.57	82 3-	2ACSR	1047	976	785	287	375	8	5	0.03	1.03	16
CO26350+	CO26289	11.72	80 3-	2ACSR	1031	962	773	285	361	8	5	0.02	1.05	9
CO26341+	CO26350	11.72	3 1-	6ACWC	0	0	773	285	20	1	1	0.00	1.05	0
OC800+	CO26341	11.72	3 1-	10 N FUSE	0	0	773	285	20	1	14	0.00	1.05	0
CO26342+	OC800	12.07	3 1-	6ACWC	0	0	741	280	20	1	1	0.01	1.06	0
CO26291+	CO26342	12.11	3 1-	6ACWC	0	0	737	279	20	1	1	0.00	1.06	0
CO26292+	CO26291	12.18	2 1-	6ACWC	0	0	731	278	20	1	1	0.00	1.06	0
CO26295+	CO26292	12.20	1 1-	6ACWC	0	0	729	278	15	0	1	0.00	1.06	0
CO26296+	CO26295	12.29	1 1-	6ACWC	0	0	721	277	15	0	1	0.00	1.06	0
CO26297+	CO26296	12.36	1 1-	6ACWC	0	0	715	276	15	0	1	0.00	1.06	0
CO26298+	CO26297	12.40	1 1-	6ACWC	0	0	711	275	15	0	1	0.00	1.06	0
CO26299+	CO26298	12.47	1 1-	6ACWC	0	0	706	274	15	0	1	0.00	1.07	0
CO26293+	CO26292	12.21	1 1-	6ACWC	0	0	728	278	5	0	0	0.00	1.06	0
CO26294+	CO26293	12.28	1 1-	6ACWC	0	0	722	277	5	0	0	0.00	1.06	0
CO26340+	CO26350	11.72	6 1-	4ACSR	0	0	773	285	19	1	1	0.00	1.05	0
OC801+	CO26340	11.72	6 1-	10 N FUSE	0	0	773	285	19	1	13	0.00	1.05	0
CO26351+	OC801	11.76	6 1-	4ACSR	0	0	769	285	19	1	1	0.00	1.05	0
CO30604+	CO26351	11.94	6 1-	4ACSR	0	0	752	282	19	1	1	0.01	1.05	0
CO16530+	CO30604	12.03	2 1-	4ACSR	0	0	744	280	4	0	0	0.00	1.05	0
CO16504+	CO30604	12.03	4 1-	4ACSR	0	0	744	280	15	1	1	0.00	1.05	0
CO16503+	CO16504	12.34	3 1-	4ACSR	0	0	716	276	12	0	1	0.01	1.06	0
CO16529+	CO16503	12.42	1 1-	4ACSR	0	0	710	275	9	0	0	0.00	1.06	0
CO16564+	CO16503	12.38	1 1-	4ACSR	0	0	713	275	3	0	0	0.00	1.06	0
CO16565+	CO16564	12.42	1 1-	4ACSR	0	0	710	275	3	0	0	0.00	1.06	0
CO16566+	CO16565	12.47	0 1-	4ACSR	0	0	705	274	0	0	0	0.00	1.06	0
CO16567+	CO16566	12.59	0 1-	4ACSR	0	0	695	272	0	0	0	0.00	1.06	0
CO30605+	CO16504	12.15	1 1-	6ACSR	0	0	731	278	3	0	0	0.00	1.06	0
CO26300+	CO26351	11.81	0 1-	4ACSR	0	0	764	284	0	0	0	0.00	1.05	0
CO26301+	CO26300	11.83	0 1-	4ACSR	0	0	762	283	0	0	0	0.00	1.05	0
CO26290+	CO26350	11.82	71 3-	2ACSR	1021	953	765	284	322	7	4	0.01	1.06	5
CO30603+	CO26290	12.08	71 3-	2ACSR	995	930	745	281	322	7	4	0.02	1.08	12
CO16568+	CO30603	12.11	70 3-	2ACSR	992	927	743	281	321	7	4	0.00	1.08	0
CO16496+	CO16568	12.14	70 3-	2ACSR	989	925	740	281	321	7	4	0.00	1.09	0
CO16571+	CO16496	12.39	70 3-	2ACSR	966	904	723	278	321	7	4	0.02	1.11	12
CO16572+	CO16571	12.63	70 3-	2ACSR	944	885	706	275	321	7	4	0.02	1.13	11
CO16499+	CO16572	12.73	67 3-	2ACSR	935	877	699	274	314	7	4	0.01	1.14	5
CO16712+	CO16499	12.74	0 1-	2ACSR	0	0	699	274	0	0	0	0.00	1.14	0
CO16500+	CO16499	12.94	66 3-	2ACSR	917	861	685	272	311	7	4	0.02	1.16	9
CO16542+	CO16500	12.97	2 1-	4ACSR	0	0	683	272	8	0	0	0.00	1.16	0
CO16497+	CO16500	13.17	54 3-	2ACSR	898	844	671	270	262	5	3	0.02	1.18	7
CO30659+	CO16497	13.26	1 1-	2ACSR	0	0	665	269	0	0	0	0.00	1.18	0
CO16583+	CO30659	13.34	1 1-	2ACSR	0	0	661	268	0	0	0	0.00	1.18	0
CO16584+	CO16583	13.37	1 1-	2ACSR	0	0	658	268	0	0	0	0.00	1.18	0
CO16581+	CO30659	13.29	0 1-	2ACSR	0	0	663	268	0	0	0	0.00	1.18	0
CO16536+	CO30659	13.37	0 1-	2ACSR	0	0	659	268	0	0	0	0.00	1.18	0
CO16585+	CO16497	13.24	52 3-	4ACSR	891	838	665	269	258	5	4	0.01	1.18	3
CO16586+	CO16585	13.43	51 3-	4ACSR	872	821	651	266	257	5	4	0.02	1.21	9
CO16587+	CO16586	13.50	49 3-	4ACSR	864	815	646	265	243	5	4	0.01	1.21	3
CO16588+	CO16587	13.60	48 3-	4ACSR	855	807	639	264	243	5	4	0.01	1.22	4
CO16591+	CO16588	13.69	0 1-	2ACSR	0	0	634	263	0	0	0	0.00	1.22	0
CO16589+	CO16588	13.69	46 3-	4ACSR	847	800	633	262	240	5	4	0.01	1.23	4

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16590+	CO16589	13.76	45 3-	4ACSR	839	793	628	261	240	5	4	0.01	1.24	3
CO16537+	CO16590	13.80	1 1-	2ACSR	0	0	626	261	4	0	0	0.00	1.24	0
CO16593+	CO16590	13.81	44 3-	4ACSR	835	789	625	261	236	5	4	0.01	1.25	0
CO16594+	CO16593	13.83	44 3-	4ACSR	833	788	624	261	236	5	4	0.00	1.25	0
CO16476+	CO16594	14.00	44 3-	4ACSR	817	774	612	258	236	5	4	0.02	1.27	7
CO16477+	CO16476	14.20	4 3-	2ACSR	804	762	602	256	39	0	0	0.00	1.27	0
CO16596+	CO16477	14.24	1 1-	2ACSR	0	0	600	256	13	0	0	0.00	1.27	0
CO16595+	CO16477	14.27	1 1-	2ACSR	0	0	598	256	10	0	0	0.00	1.27	0
CO16505+	CO16477	14.23	2 3-	2ACSR	801	760	600	256	17	0	0	0.00	1.27	0
CO16714+	CO16505	14.26	0 3-	2ACSR	800	758	599	256	0	0	0	0.00	1.27	0
#SW506-B+	CO16714	14.26	0 3-	Open	800	758	599	256	0	0	0	0.00	1.27	0
CO16597+	CO16505	14.27	2 2-	2ACSR	0	757	598	256	17	0	0	0.00	1.27	0
CO16598+	CO16597	14.28	2 2-	2ACSR	0	757	598	256	17	0	0	0.00	1.27	0
XFMR90	CO16476	14.00	39 1-	333 KVA 1PH AUT	0	0	677	163	193	13	57	0.38	1.64	0
CO16478	XFMR90	14.14	39 1-	4ACSR	0	0	659	162	193	26	19	0.15	1.80	47
CO16708	CO16478	14.14	36 1-	4ACSR	0	0	659	162	177	24	17	0.01	1.80	0
OC511	CO16708	14.14	36 1-	50 L OCR	0	0	659	162	177	24	0	0.00	1.80	0
CO16709	OC511	14.27	36 1-	4ACSR	0	0	642	160	177	24	17	0.14	1.94	40
CO16601	CO16709	14.33	34 1-	4ACSR	0	0	634	160	176	23	17	0.06	2.01	18
CO16602	CO16601	14.48	34 1-	4ACSR	0	0	617	158	176	23	17	0.16	2.17	45
CO-523972417	CO16602	14.52	2 1-	2ACSR	0	0	613	158	11	1	1	0.00	2.17	0
CO16603	CO16602	14.57	31 1-	4ACSR	0	0	606	157	165	22	16	0.09	2.26	24
CO16604	CO16603	14.74	31 1-	4ACSR	0	0	587	156	164	22	16	0.16	2.42	42
CO16508	CO16604	14.83	1 1-	4ACSR	0	0	577	155	3	0	0	0.00	2.42	0
CO16480	CO16604	14.88	28 1-	4ACSR	0	0	572	155	143	19	14	0.11	2.53	24
CO16479	CO16480	15.01	7 1-	4ACSR	0	0	558	153	28	3	3	0.02	2.55	0
CO16608	CO16479	15.40	2 1-	4ACSR	0	0	520	150	0	0	0	0.00	2.55	0
CO16609	CO16608	15.44	1 1-	4ACSR	0	0	517	150	0	0	0	0.00	2.55	0
CO16605	CO16479	15.07	4 1-	4ACSR	0	0	552	153	28	3	3	0.01	2.56	0
CO16606	CO16605	15.11	2 1-	4ACSR	0	0	548	152	14	1	1	0.00	2.56	0
CO16607	CO16606	15.14	1 1-	4ACSR	0	0	545	152	7	0	1	0.00	2.56	0
CO16613	CO16480	14.93	18 1-	4ACSR	0	0	567	154	97	13	10	0.03	2.56	4
CO16614	CO16613	14.97	17 1-	4ACSR	0	0	562	154	89	12	9	0.02	2.58	3
CO16509	CO16614	15.02	3 1-	4ACSR	0	0	557	153	19	2	2	0.00	2.58	0
CO16615	CO16614	15.02	13 1-	4ACSR	0	0	557	153	71	9	7	0.02	2.60	3
CO16543	CO16615	15.05	1 1-	2ACSR	0	0	555	153	12	1	1	0.00	2.60	0
CO16616	CO16615	15.08	12 1-	4ACSR	0	0	551	153	59	8	6	0.02	2.62	0
CO16494	CO16616	15.16	9 1-	4ACSR	0	0	544	152	31	4	3	0.01	2.64	0
CO16621	CO16494	15.25	6 1-	4ACSR	0	0	534	151	27	3	3	0.02	2.65	0
CO16622	CO16621	15.38	6 1-	4ACSR	0	0	522	150	27	3	3	0.02	2.67	0
CO16620	CO16622	15.41	3 1-	4ACSR	0	0	519	150	21	2	2	0.00	2.67	0
CO16619	CO16620	15.44	2 1-	4ACSR	0	0	516	149	11	1	1	0.00	2.67	0
CO16706	CO16619	15.47	0 1-	4ACSR	0	0	514	149	0	0	0	0.00	2.67	0
SW513-B	CO16706	15.47	0 1-	Open	0	0	514	149	0	0	0	0.00	2.67	0
CO16612	CO16494	15.21	3 1-	4ACSR	0	0	539	152	3	0	0	0.00	2.64	0
CO16617	CO16612	15.37	2 1-	4ACSR	0	0	523	150	0	0	0	0.00	2.64	0
CO16618	CO16617	15.48	1 1-	4ACSR	0	0	513	149	0	0	0	0.00	2.64	0
CO16610	CO16616	15.13	1 1-	4ACSR	0	0	546	152	11	1	1	0.00	2.62	0
CO16611	CO16610	15.15	1 1-	4ACSR	0	0	544	152	11	1	1	0.00	2.62	0
CO16507	CO16478	14.19	2 1-	4ACSR	0	0	652	161	4	0	0	0.00	1.80	0
CO16710+	CO16500	12.95	10 1-	4ACSR	0	0	685	272	41	2	2	0.00	1.16	0
OC507+	CO16710	12.95	10 1-	10 N FUSE	0	0	685	272	41	2	28	0.00	1.16	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16711+	OC507	13.07	10 1-	4ACSR	0	0	675	270	41	2	2	0.01	1.17	0
CO16535+	CO16711	13.21	2 1-	4ACSR	0	0	665	268	10	0	0	0.00	1.17	0
CO16534+	CO16711	13.13	1 1-	4ACSR	0	0	670	269	7	0	0	0.00	1.17	0
CO16579+	CO16711	13.23	7 1-	4ACSR	0	0	663	268	25	1	1	0.01	1.17	0
CO16580+	CO16579	13.36	6 1-	4ACSR	0	0	653	266	20	1	1	0.00	1.18	0
CO16498+	CO16580	13.38	5 1-	4ACSR	0	0	652	266	19	1	1	0.00	1.18	0
CO16532+	CO16498	13.42	2 1-	4ACSR	0	0	649	265	11	0	1	0.00	1.18	0
CO16577+	CO16498	13.55	3 1-	4ACSR	0	0	639	263	9	0	0	0.00	1.18	0
CO16578+	CO16577	13.63	1 1-	4ACSR	0	0	634	262	2	0	0	0.00	1.18	0
CO16533+	CO16580	13.43	1 1-	4ACSR	0	0	649	265	1	0	0	0.00	1.18	0
CO16531+	CO16499	12.76	1 1-	2ACSR	0	0	697	274	3	0	0	0.00	1.14	0
CO16575+	CO16572	12.73	3 1-	2ACSR	0	0	699	274	7	0	0	0.00	1.13	0
CO16576+	CO16575	12.79	2 1-	2ACSR	0	0	695	274	6	0	0	0.00	1.13	0
CO16573+	CO16576	12.82	1 1-	2ACSR	0	0	693	273	1	0	0	0.00	1.13	0
CO16574+	CO16573	12.84	1 1-	2ACSR	0	0	692	273	1	0	0	0.00	1.13	0
CO16569+	CO16496	12.20	0 1-	2ACSR	0	0	736	280	0	0	0	0.00	1.09	0
CO16570+	CO16569	12.28	0 1-	2ACSR	0	0	730	279	0	0	0	0.00	1.09	0
CO26284+	CO26283	11.39	5 1-	2ACSR	0	0	801	289	5	0	0	0.00	1.00	0
CO26285+	CO26284	11.40	2 1-	2ACSR	0	0	799	289	4	0	0	0.00	1.00	0
CO26286+	CO26285	11.45	2 1-	2ACSR	0	0	795	288	4	0	0	0.00	1.00	0
CO26287+	CO26286	11.48	2 1-	2ACSR	0	0	793	288	4	0	0	0.00	1.00	0
CO26288+	CO26287	11.57	1 1-	2ACSR	0	0	785	287	0	0	0	0.00	1.00	0
CO26171+	CO26142	9.97	1 1-	2ACSR	0	0	939	307	6	0	0	0.00	0.82	0
CO26328+	CO26258	9.49	61 1-	4ACSR	0	0	990	312	274	18	13	0.00	0.78	0
OC804+	CO26328	9.49	61 1-	100 E OCR	0	0	990	312	274	18	18	0.00	0.78	0
CO26329+	OC804	9.53	61 1-	4ACSR	0	0	984	311	274	18	13	0.02	0.79	8
CO26141+	CO26329	9.63	56 1-	4ACSR	0	0	970	309	250	16	12	0.04	0.83	15
CO26261+	CO26141	9.70	55 1-	4ACSR	0	0	960	308	247	16	12	0.03	0.86	10
CO26196+	CO26261	9.73	3 1-	2ACSR	0	0	957	307	14	0	1	0.00	0.86	0
CO-119765834+	CO26196	9.97	1 1-	1/0PRIURD	0	0	936	584	12	0	1	0.00	0.86	0
CO26262+	CO26261	9.84	51 1-	4ACSR	0	0	942	305	233	15	11	0.05	0.90	18
CO30380+	CO26262	9.93	51 1-	4ACSR	0	0	930	304	232	15	11	0.03	0.94	12
CO26702+	CO30380	10.06	51 1-	4ACSR	0	0	913	301	232	15	11	0.05	0.98	17
CO26587+	CO26702	10.14	1 1-	4ACSR	0	0	903	300	16	1	1	0.00	0.98	0
CO26696+	CO26702	10.37	49 1-	4ACSR	0	0	874	296	216	14	10	0.10	1.08	35
CO26697+	CO26696	10.45	48 1-	4ACSR	0	0	865	295	214	14	10	0.02	1.11	8
CO26572+	CO26697	10.53	45 1-	4ACSR	0	0	855	293	208	14	10	0.03	1.13	9
CO26703+	CO26572	10.56	1 1-	4ACSR	0	0	852	293	0	0	0	0.00	1.13	0
CO26704+	CO26703	10.64	0 1-	4ACSR	0	0	842	291	0	0	0	0.00	1.13	0
CO26573+	CO26572	10.64	44 1-	4ACSR	0	0	842	291	208	14	10	0.03	1.17	12
CO-316959381+	CO26573	10.77	1 1-	2ACSR	0	0	831	290	2	0	0	0.00	1.17	0
CO26588+	CO26573	10.71	1 1-	4ACSR	0	0	834	290	6	0	0	0.00	1.17	0
CO26707+	CO26573	10.69	42 1-	4ACSR	0	0	837	291	200	13	10	0.01	1.18	5
CO26708+	CO26707	10.72	41 1-	4ACSR	0	0	834	290	198	13	10	0.01	1.19	3
CO26700+	CO26708	10.80	2 1-	4ACSR	0	0	825	289	9	0	0	0.00	1.19	0
CO26701+	CO26700	10.87	1 1-	4ACSR	0	0	817	288	9	0	0	0.00	1.19	0
CO26709+	CO26708	11.03	38 1-	4ACSR	0	0	799	285	188	12	9	0.09	1.28	26
CO26710+	CO26709	11.05	36 1-	4ACSR	0	0	797	285	177	11	9	0.01	1.28	0
CO26711+	CO26710	11.10	35 1-	4ACSR	0	0	793	284	177	11	9	0.01	1.29	3
CO26589+	CO26711	11.18	1 1-	4ACSR	0	0	784	283	4	0	0	0.00	1.29	0
CO26712+	CO26711	11.14	34 1-	4ACSR	0	0	788	283	173	11	8	0.01	1.31	3
CO26713+	CO26712	11.21	34 1-	4ACSR	0	0	780	282	173	11	8	0.02	1.33	6

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26574+	CO26713	11.26	32 1-	4ACSR	0	0	775	281	165	11	8	0.01	1.34	3
CO26575+	CO26574	11.38	30 1-	4ACSR	0	0	763	280	155	10	7	0.03	1.37	7
CO26603+	CO26575	11.42	4 1-	4ACSR	0	0	760	279	23	1	1	0.00	1.37	0
CO26578+	CO26575	11.44	26 1-	4ACSR	0	0	758	279	132	8	6	0.01	1.38	2
CO26596+	CO26578	11.51	2 1-	4ACSR	0	0	751	278	4	0	0	0.00	1.38	0
CO1846003127+	CO26596	11.58	1 1-	2ACSR	0	0	745	277	1	0	0	0.00	1.38	0
CO26714+	CO26578	11.49	24 1-	4ACSR	0	0	753	278	128	8	6	0.01	1.39	0
CO26715+	CO26714	11.54	24 1-	4ACSR	0	0	749	277	128	8	6	0.01	1.40	0
CO26594+	CO26715	11.58	1 1-	4ACSR	0	0	744	277	4	0	0	0.00	1.40	0
CO26719+	CO26715	11.57	8 1-	4ACSR	0	0	745	277	30	2	1	0.00	1.40	0
CO26720+	CO26719	11.63	6 1-	4ACSR	0	0	740	276	23	1	1	0.00	1.40	0
CO26721+	CO26720	11.73	2 1-	4ACSR	0	0	730	274	14	0	1	0.00	1.40	0
CO26722+	CO26721	11.76	0 1-	4ACSR	0	0	727	274	0	0	0	0.00	1.40	0
CO26716+	CO26715	11.57	15 1-	4ACSR	0	0	745	277	94	6	5	0.01	1.40	0
CO26717+	CO26716	11.64	13 1-	4ACSR	0	0	739	276	91	6	4	0.01	1.41	0
CO26718+	CO26717	11.69	13 1-	4ACSR	0	0	734	275	91	6	4	0.01	1.42	0
CO26595+	CO26718	11.74	1 1-	4ACSR	0	0	730	274	3	0	0	0.00	1.42	0
CO26750+	CO26718	11.73	12 1-	4ACSR	0	0	731	274	88	5	4	0.00	1.42	0
CO26751+	CO26750	11.76	11 1-	4ACSR	0	0	728	274	80	5	4	0.00	1.43	0
CO26723+	CO26751	11.81	3 1-	4ACSR	0	0	723	273	30	2	1	0.00	1.43	0
CO26724+	CO26723	11.81	3 1-	4ACSR	0	0	723	273	30	2	1	0.00	1.43	0
CO26725+	CO26724	11.83	2 1-	4ACSR	0	0	721	273	20	1	1	0.00	1.43	0
CO26726+	CO26725	11.85	1 1-	4ACSR	0	0	719	273	11	0	1	0.00	1.43	0
CO26727+	CO26751	11.78	7 1-	4ACSR	0	0	726	274	42	2	2	0.00	1.43	0
CO26728+	CO26727	11.82	7 1-	4ACSR	0	0	722	273	42	2	2	0.00	1.43	0
CO26576+	CO26728	11.86	3 1-	4ACSR	0	0	719	272	15	0	1	0.00	1.43	0
CO26731+	CO26576	11.91	2 1-	4ACSR	0	0	714	272	7	0	0	0.00	1.43	0
CO26732+	CO26731	12.06	0 1-	4ACSR	0	0	701	269	0	0	0	0.00	1.43	0
CO26593+	CO26576	11.91	1 1-	4ACSR	0	0	714	272	8	0	0	0.00	1.43	0
CO26729+	CO26728	11.85	2 1-	4ACSR	0	0	720	273	10	0	0	0.00	1.43	0
CO26730+	CO26729	11.88	0 1-	4ACSR	0	0	717	272	0	0	0	0.00	1.43	0
CO26745+	CO26578	11.75	0 1-	4ACSR	0	0	729	274	0	0	0	0.00	1.38	0
CO1364740992+	CO26745	11.88	0 1-	2ACSR	0	0	720	273	0	0	0	0.00	1.38	0
CO26592+	CO26574	11.33	1 1-	4ACSR	0	0	768	280	10	0	0	0.00	1.34	0
CO26590+	CO26574	11.36	1 1-	4ACSR	0	0	766	280	0	0	0	0.00	1.34	0
CO26591+	CO26713	11.25	2 1-	4ACSR	0	0	776	282	8	0	0	0.00	1.33	0
CO26604+	CO26591	11.34	1 1-	4ACSR	0	0	768	280	0	0	0	0.00	1.33	0
CO26698+	CO26697	10.82	2 1-	4ACSR	0	0	823	288	0	0	0	0.00	1.11	0
CO26699+	CO26698	11.06	1 1-	4ACSR	0	0	796	285	0	0	0	0.00	1.11	0
CO26173+	CO26262	10.02	0 1-	4ACSR	0	0	919	302	0	0	0	0.00	0.90	0
CO26172+	CO26141	9.67	1 1-	4ACSR	0	0	965	308	3	0	0	0.00	0.83	0
CO26259+	CO26329	9.63	5 1-	4ACSR	0	0	970	309	24	1	1	0.00	0.80	0
CO26260+	CO26259	9.72	3 1-	4ACSR	0	0	958	307	10	0	1	0.00	0.80	0
CO30384+	CO26260	9.89	3 1-	4ACSR	0	0	935	304	10	0	1	0.00	0.80	0
CO26695+	CO30384	10.01	2 1-	4ACSR	0	0	920	302	3	0	0	0.00	0.80	0
CO30571+	CO26695	10.04	0 1-	4ACSR	0	0	915	302	0	0	0	0.00	0.80	0
CO26607+	CO30384	9.93	1 1-	2ACSR	0	0	931	304	7	0	0	0.00	0.80	0
CO26162+	CO26132	9.09	1 1-	1/0CU	0	0	1027	314	11	0	0	0.00	0.74	0
CO26161+	CO26254	9.02	1 1-	1/0CU	0	0	1034	315	1	0	0	0.00	0.73	0
CO26247+	CO26246	8.58	4 1-	1/0CU	0	0	1077	317	12	0	0	0.00	0.69	0
CO26248+	CO26247	8.61	2 1-	1/0CU	0	0	1074	317	10	0	0	0.00	0.69	0
CO26249+	CO26248	8.66	0 1-	1/0CU	0	0	1069	317	0	0	0	0.00	0.69	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26159+	CO26131	8.37	2 1-	1/0CU	0	0	1100	319	5	0	0	0.00	0.68	0
CO26157+	CO26230	7.88	3 1-	1/0CU	0	0	1156	322	4	0	0	0.00	0.63	0
CO26585+	CO26624	5.42	2 1-	4ACSR	0	0	1464	332	7	0	0	0.00	0.48	0
CO26647+	CO26651	4.97	4 1-	1/0CU	0	0	1546	335	27	1	1	0.00	0.44	0
CO26648+	CO26647	5.00	2 1-	1/0CU	0	0	1539	335	12	0	0	0.00	0.44	0
CO26606+	CO26648	5.16	1 1-	2ACSR	0	0	1495	333	11	0	0	0.00	0.45	0
CO26649+	CO26648	5.10	1 1-	1/0CU	0	0	1519	334	1	0	0	0.00	0.44	0
CO26579+	CO26565	4.81	0 1-	1/0CU	0	0	1574	336	0	0	0	0.00	0.43	0
CO26757+	CO26656	4.63	6 1-	4ACSR	0	0	1609	337	19	1	1	0.00	0.42	0
OC819+	CO26757	4.63	6 1-	10 N FUSE	0	0	1609	337	19	1	13	0.00	0.42	0
CO26758+	OC819	4.64	6 1-	4ACSR	0	0	1603	336	19	1	1	0.00	0.42	0
CO26652+	CO26758	4.69	5 1-	4ACSR	0	0	1586	335	17	1	1	0.00	0.42	0
CO26653+	CO26652	4.77	4 1-	4ACSR	0	0	1559	334	13	0	1	0.00	0.42	0
CO26654+	CO26653	5.04	4 1-	4ACSR	0	0	1472	328	13	0	1	0.01	0.43	0
CO30494+	CO26654	5.26	4 1-	4ACSR	0	0	1404	324	13	0	1	0.00	0.43	0
CO29205+	CO30494	5.47	4 1-	4ACSR	0	0	1342	320	13	0	1	0.00	0.44	0
CO30480+	CO29205	5.53	2 1-	4ACSR	0	0	1325	318	7	0	0	0.00	0.44	0
CO29383+	CO30480	5.57	0 1-	4ACSR	0	0	1314	318	0	0	0	0.00	0.44	0
CO29384+	CO29383	5.63	0 1-	4ACSR	0	0	1298	316	0	0	0	0.00	0.44	0
CO30497+	CO29384	5.77	0 1-	4ACSR	0	0	1259	314	0	0	0	0.00	0.44	0
CO26896+	CO30497	5.84	0 1-	4ACSR	0	0	1243	312	0	0	0	0.00	0.44	0
CO30479+	CO29205	5.52	1 1-	4ACSR	0	0	1326	318	6	0	0	0.00	0.44	0
CO29299+	CO29208	4.35	3 1-	6ACWC	0	0	1664	338	21	1	1	0.00	0.40	0
OC908+	CO29299	4.35	3 1-	10 N FUSE	0	0	1664	338	21	1	14	0.00	0.40	0
CO29300+	OC908	4.55	3 1-	6ACWC	0	0	1593	334	21	1	1	0.01	0.40	0
CO29297+	CO29300	4.62	3 1-	6ACWC	0	0	1567	332	21	1	1	0.00	0.41	0
CO29298+	CO29297	5.03	2 1-	6ACWC	0	0	1431	324	9	0	0	0.01	0.41	0
CO29206+	CO29298	5.09	1 1-	6ACWC	0	0	1413	323	9	0	0	0.00	0.41	0
CO29191+	CO29208	4.59	0 1-	1/0CU	0	0	1610	336	0	0	0	0.00	0.40	0
CO29212+	CO29218	3.90	4 1-	4ACSR	0	0	1743	338	6	0	0	0.00	0.35	0
CO29215+	CO29212	3.95	4 1-	4ACSR	0	0	1722	337	6	0	0	0.00	0.36	0
CO29216+	CO29215	3.96	4 1-	4ACSR	0	0	1719	337	6	0	0	0.00	0.36	0
CO29214+	CO29216	3.98	3 1-	4ACSR	0	0	1710	336	5	0	0	0.00	0.36	0
CO29213+	CO29216	3.99	1 1-	1/0CU	0	0	1712	337	2	0	0	0.00	0.36	0
CO29225+	CO29228	3.06	2 1-	4ACSR	0	0	1968	343	2	0	0	0.00	0.29	0
CO29226+	CO29225	3.13	1 1-	4ACSR	0	0	1934	341	0	0	0	0.00	0.29	0
CO29231+	CO29233	2.49	0 1-	4ACSR	0	0	2149	345	0	0	0	0.00	0.24	0
CO29232+	CO29231	2.56	0 1-	4ACSR	0	0	2106	344	0	0	0	0.00	0.24	0
CO29195+	CO29188	2.25	2 1-	4ACSR	0	0	2231	346	7	0	0	0.00	0.22	0
CO29234+	CO29195	2.43	2 1-	1/0CU	0	0	2157	345	7	0	0	0.00	0.22	0
CO29235+	CO29234	2.44	1 1-	1/0CU	0	0	2152	345	1	0	0	0.00	0.22	0
CO29236+	CO29235	2.49	1 1-	1/0CU	0	0	2133	345	1	0	0	0.00	0.22	0
CO29303+	CO29185	1.51	25 1-	2ACSR	0	0	2555	351	175	11	7	0.00	0.16	0
OC910+	CO29303	1.51	25 1-	50 L OCR	0	0	2555	351	175	11	0	0.00	0.16	0
CO29304+	OC910	1.57	25 1-	2ACSR	0	0	2514	350	175	11	7	0.01	0.17	3
CO29241+	CO29304	1.60	25 1-	2ACSR	0	0	2490	349	175	11	7	0.01	0.18	0
CO29242+	CO29241	1.67	25 1-	2ACSR	0	0	2442	348	175	11	7	0.01	0.19	3
CO29249+	CO29242	2.21	3 1-	2ACSR	0	0	2117	340	8	0	0	0.00	0.19	0
CO29250+	CO29249	2.30	2 1-	2ACSR	0	0	2066	339	4	0	0	0.00	0.19	0
CO29251+	CO29250	2.34	2 1-	2ACSR	0	0	2046	338	4	0	0	0.00	0.19	0
CO29252+	CO29251	2.51	1 1-	2ACSR	0	0	1961	336	1	0	0	0.00	0.19	0
CO29253+	CO29252	2.72	0 1-	2ACSR	0	0	1859	333	0	0	0	0.00	0.19	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29254+	CO29253	3.26	0 1-	2ACSR	0	0	1644	325	0	0	0	0.00	0.19	0
CO29255+	CO29242	1.83	22 1-	2ACSR	0	0	2340	346	167	11	6	0.03	0.22	7
CO29256+	CO29255	1.93	22 1-	2ACSR	0	0	2278	344	167	11	6	0.02	0.23	4
CO29310+	CO29256	2.03	21 1-	2ACSR	0	0	2217	343	156	10	6	0.02	0.25	4
CO29186+	CO29310	2.13	19 1-	2ACSR	0	0	2157	341	139	9	5	0.01	0.26	3
CO29257+	CO29186	2.19	19 1-	2ACSR	0	0	2125	340	139	9	5	0.01	0.27	0
CO29264+	CO29257	2.22	18 1-	2ACSR	0	0	2111	340	131	8	5	0.00	0.28	0
CO29258+	CO29264	2.26	18 1-	2ACSR	0	0	2085	339	131	8	5	0.01	0.28	0
CO29262+	CO29258	2.44	15 1-	2ACSR	0	0	1996	337	107	7	4	0.02	0.30	3
CO29263+	CO29262	2.50	14 1-	2ACSR	0	0	1964	336	105	7	4	0.01	0.31	0
CO29189+	CO29263	2.64	13 1-	2ACSR	0	0	1896	334	91	6	3	0.01	0.32	0
CO29269+	CO29189	2.75	8 1-	2ACSR	0	0	1846	332	45	3	2	0.01	0.33	0
CO29271+	CO29269	2.96	7 1-	2ACSR	0	0	1759	329	37	2	1	0.01	0.33	0
CO29272+	CO29271	3.01	5 1-	2ACSR	0	0	1738	329	31	2	1	0.00	0.33	0
CO29274+	CO29272	3.05	5 1-	2ACSR	0	0	1721	328	31	2	1	0.00	0.34	0
CO29276+	CO29274	3.09	3 1-	2ACSR	0	0	1707	327	24	1	1	0.00	0.34	0
CO29273+	CO29276	3.15	1 1-	2ACSR	0	0	1686	327	3	0	0	0.00	0.34	0
CO29275+	CO29274	3.10	2 1-	2ACSR	0	0	1701	327	7	0	0	0.00	0.34	0
CO29270+	CO29269	2.89	1 1-	2ACSR	0	0	1787	330	7	0	0	0.00	0.33	0
CO30478+	CO29270	2.98	0 1-	2ACSR	0	0	1750	329	0	0	0	0.00	0.33	0
CO29529+	CO30478	3.06	0 1-	2ACSR	0	0	1720	328	0	0	0	0.00	0.33	0
CO29530+	CO29529	3.13	0 1-	2ACSR	0	0	1692	327	0	0	0	0.00	0.33	0
CO30477+	CO29270	2.97	1 1-	2ACSR	0	0	1755	329	7	0	0	0.00	0.33	0
CO29265+	CO29189	2.73	4 1-	2ACSR	0	0	1856	332	38	2	1	0.00	0.32	0
CO29268+	CO29265	2.79	1 1-	2ACSR	0	0	1831	332	8	0	0	0.00	0.32	0
CO29267+	CO29265	2.77	1 1-	2ACSR	0	0	1838	332	6	0	0	0.00	0.32	0
CO29266+	CO29265	2.89	1 1-	2ACSR	0	0	1789	330	18	1	1	0.00	0.33	0
CO29199+	CO29263	2.60	1 1-	2ACSR	0	0	1918	334	14	0	1	0.00	0.31	0
CO29259+	CO29258	2.36	1 1-	2ACSR	0	0	2036	338	15	1	1	0.00	0.28	0
CO29260+	CO29259	2.43	1 1-	2ACSR	0	0	1998	337	15	1	1	0.00	0.28	0
CO29261+	CO29260	2.50	0 1-	2ACSR	0	0	1965	336	0	0	0	0.00	0.28	0
CO29308+	CO29310	2.06	2 1-	2ACSR	0	0	2197	342	17	1	1	0.00	0.25	0
CO29309+	CO29308	2.08	2 1-	2ACSR	0	0	2189	342	17	1	1	0.00	0.25	0
CO29244+	CO29247	1.26	0 1-	1/0CU	0	0	2678	352	0	0	0	0.00	0.13	0
CO29245+	CO29244	1.27	0 1-	1/0CU	0	0	2669	351	0	0	0	0.00	0.13	0
CO29246+	CO29245	1.28	0 1-	1/0CU	0	0	2664	351	0	0	0	0.00	0.13	0
CO29456+	CO29483	1.02	0 1-	4ACSR	0	0	2791	351	0	0	0	0.00	0.10	0
CO29448+	CO29437	0.78	1 1-	4ACSR	0	0	2955	353	4	0	0	0.00	0.08	0
CO29472+	CO29435	0.53	6 1-	4ACSR	0	0	3036	351	37	2	2	0.01	0.05	0
CO29473+	CO29472	0.56	5 1-	4ACSR	0	0	2998	350	32	2	2	0.00	0.05	0
CO29452+	CO29473	0.64	2 1-	4ACSR	0	0	2903	348	16	1	1	0.00	0.05	0
CO29474+	CO29473	0.64	2 1-	4ACSR	0	0	2907	349	14	0	1	0.00	0.05	0
CO29475+	CO29474	0.67	0 1-	4ACSR	0	0	2868	348	0	0	0	0.00	0.05	0
CO29450+	CO29469	0.36	1 1-	4ACSR	0	0	3208	354	4	0	0	0.00	0.03	0
CO29470+	CO29469	0.32	2 1-	4ACSR	0	0	3260	355	14	0	1	0.00	0.03	0
CO29471+	CO29470	0.38	1 1-	4ACSR	0	0	3187	353	9	0	0	0.00	0.03	0
CO29451+	CO29470	0.39	1 1-	4ACSR	0	0	3168	353	5	0	0	0.00	0.03	0
CO29535+	CO29532	0.01	1349 3-	750 MCM - 42 Wi	3387	3511	3536	357	5782	130	11	0.00	0.00	6

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
Stone Wall+	CO29535	0.01	1349 3-	560 200WVE	3387	3511	3536	357	5782	130	23	0.00	0.00	0
CO29495+	Stone Wall	0.03	1349 3-	4/0ACSR	3377	3494	3519	357	5782	130	38	0.01	0.01	82
CO29496+	CO29495	0.24	1349 3-	4/0ACSR	3252	3306	3320	356	5781	130	38	0.13	0.15	992
CO29501+	CO29496	0.30	1345 3-	4/0ACSR	3217	3255	3264	355	5763	129	38	0.04	0.18	296
CO29541+	CO29501	0.35	1345 3-	4/0ACSR	3184	3208	3213	355	5761	129	38	0.04	0.22	275
CO29542+	CO29541	0.43	2 1-	4ACSR	0	0	3123	353	6	0	0	0.00	0.22	0
CO29502+	CO29541	0.37	1343 3-	4/0ACSR	3176	3197	3201	355	5754	129	38	0.01	0.23	71
CO29503+	CO29502	0.48	1341 3-	4/0ACSR	3112	3110	3105	354	5743	129	38	0.07	0.30	547
CO29539+	CO29503	0.49	0 1-	4ACSR	0	0	3097	354	0	0	0	0.00	0.30	0
SW918-A+	CO29539	0.49	0 1-	Open	0	0	3097	354	0	0	0	0.00	0.30	0
CO29440+	CO29503	0.65	0 1-	4ACSR	0	0	2917	350	0	0	0	0.00	0.30	0
CO29442+	CO29503	0.61	1 1-	4ACSR	0	0	2958	351	0	0	0	0.00	0.30	0
CO29504+	CO29503	0.63	1340 3-	4/0ACSR	3035	3018	2990	353	5740	129	38	0.09	0.39	700
CO29505+	CO29504	1.16	1340 3-	4/0ACSR	2777	2726	2627	350	5737	129	38	0.34	0.73	2583
CO29508+	CO29505	1.28	1340 3-	1/0ACSR	2719	2662	2549	349	5725	129	56	0.13	0.86	1092
CO29509+	CO29508	1.62	1340 3-	1/0ACSR	2556	2482	2339	345	5720	129	56	0.38	1.24	3275
CO29510+	CO29509	2.00	1340 3-	1/0ACSR	2392	2303	2138	341	5705	129	56	0.42	1.66	3639
CO29511+	CO29510	2.53	1340 3-	1/0ACSR	2186	2083	1901	336	5688	129	56	0.60	2.26	5157
CO30512+	CO29511	2.76	1340 3-	1/0ACSR	2108	2000	1815	334	5664	129	56	0.25	2.51	2183
CO29605+	CO30512	2.96	1339 3-	1/0ACSR	2043	1932	1746	332	5654	129	56	0.22	2.73	1910
CO29606+	CO29605	2.99	1338 3-	1/0ACSR	2035	1923	1737	331	5644	129	56	0.03	2.76	258
CO29552+	CO29606	3.06	1336 3-	1/0ACSR	2011	1898	1711	331	5634	129	56	0.08	2.85	724
CO29551+	CO29552	3.15	1331 3-	1/0ACSR	1985	1871	1684	330	5616	128	56	0.09	2.94	812
CO29554+	CO29551	3.34	1244 3-	1/0ACSR	1929	1814	1626	328	5283	121	53	0.20	3.14	1597
CO29555+	CO29554	3.48	1239 3-	1/0ACSR	1890	1772	1585	327	5254	120	52	0.15	3.28	1188
CO29628+	CO29555	3.57	4 1-	4ACSR	0	0	1552	325	17	1	1	0.00	3.29	0
CO29629+	CO29628	3.58	2 1-	4ACSR	0	0	1545	324	8	0	0	0.00	3.29	0
CO29556+	CO29555	3.58	1235 3-	1/0ACSR	1861	1747	1556	326	5232	120	52	0.11	3.39	866
CO29635+	CO29556	3.92	1231 3-	1/0ACSR	1774	1664	1469	322	5216	120	52	0.35	3.74	2818
CO29636+	CO29635	3.99	1230 3-	1/0ACSR	1757	1649	1453	322	5203	120	52	0.07	3.81	551
CO29557+	CO29636	4.27	1229 3-	1/0ACSR	1691	1586	1388	319	5191	119	52	0.29	4.10	2342
CO29585+	CO29557	4.35	1 1-	4ACSR	0	0	1364	317	0	0	0	0.00	4.10	0
CO29637+	CO29557	4.31	1228 3-	1/0ACSR	1682	1578	1379	319	5180	119	52	0.04	4.14	331
CO29638+	CO29637	4.35	1228 3-	1/0ACSR	1674	1570	1371	318	5178	119	52	0.04	4.18	294
CO29722+	CO29638	4.36	7 1-	6ACWC	0	0	1369	318	22	1	1	0.00	4.18	0
OC921+	CO29722	4.36	7 1-	10 N FUSE	0	0	1369	318	22	1	16	0.00	4.18	0
CO29723+	OC921	4.54	7 1-	6ACWC	0	0	1316	315	22	1	1	0.01	4.18	0
CO29588+	CO29723	4.63	1 1-	6ACWC	0	0	1292	313	3	0	0	0.00	4.18	0
CO29559+	CO29723	4.60	6 1-	6ACWC	0	0	1300	314	19	1	1	0.00	4.18	0
CO29586+	CO29559	4.64	1 1-	6ACWC	0	0	1287	313	14	0	1	0.00	4.18	0
CO29639+	CO29559	4.64	4 1-	6ACWC	0	0	1287	313	5	0	0	0.00	4.18	0
CO29640+	CO29639	4.72	4 1-	6ACWC	0	0	1267	311	5	0	0	0.00	4.19	0
CO29641+	CO29640	4.87	3 1-	6ACWC	0	0	1227	309	5	0	0	0.00	4.19	0
CO29642+	CO29641	5.19	2 1-	6ACWC	0	0	1150	303	4	0	0	0.00	4.19	0
CO29643+	CO29642	5.42	1 1-	6ACWC	0	0	1100	299	0	0	0	0.00	4.19	0
CO29599+	CO29638	4.39	0 1-	4ACSR	0	0	1360	318	0	0	0	0.00	4.18	0
CO29598+	CO29638	4.42	1 1-	4ACSR	0	0	1350	317	4	0	0	0.00	4.18	0
CO29644+	CO29638	4.44	1220 3-	1/0ACSR	1655	1552	1353	317	5151	119	52	0.09	4.27	719
CO30577+	CO29644	4.46	1219 3-	1/0ACSR	1650	1548	1348	317	5135	118	52	0.02	4.29	163
CO29558+	CO30577	4.65	1218 3-	1/0ACSR	1610	1511	1310	315	5127	118	52	0.19	4.48	1534
CO29645+	CO29558	4.69	2 1-	4ACSR	0	0	1297	315	5	0	0	0.00	4.48	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29646+	CO29645	4.78	2 1-	4ACSR	0	0	1273	313	5	0	0	0.00	4.48	0
CO29647+	CO29646	4.91	1 1-	4ACSR	0	0	1239	310	1	0	0	0.00	4.48	0
CO29560+	CO29558	4.86	1216 3-	1/0ACSR	1568	1471	1271	314	5115	118	52	0.21	4.69	1684
CO29718+	CO29560	4.86	0 1-	4ACSR	0	0	1269	313	0	0	0	0.00	4.69	0
OC920+	CO29718	4.86	0 1-	10 N FUSE	0	0	1269	313	0	0	0	0.00	4.69	0
CO29719+	OC920	4.92	0 1-	4ACSR	0	0	1253	312	0	0	0	0.00	4.69	0
CO29721+	CO29719	4.93	0 1-	4ACSR	0	0	1252	312	0	0	0	0.00	4.69	0
SW930-A+	CO29721	4.93	0 1-	Open	0	0	1252	312	0	0	0	0.00	4.69	0
CO29648+	CO29560	4.92	1211 3-	1/0ACSR	1556	1460	1259	313	5083	118	51	0.06	4.75	490
CO29649+	CO29648	5.03	1210 3-	1/0ACSR	1535	1441	1240	312	5081	118	51	0.11	4.86	877
CO29604+	CO29649	5.07	0 1-	2ACSR	0	0	1231	311	0	0	0	0.00	4.86	0
CO29650+	CO29649	5.08	1209 3-	1/0ACSR	1525	1431	1230	311	5068	117	51	0.06	4.92	450
CO29651+	CO29650	5.22	1208 3-	1/0ACSR	1500	1408	1207	310	5062	117	51	0.13	5.05	1056
CO29561+	CO29651	5.36	1207 3-	2HDCU	1477	1386	1185	309	5048	117	49	0.14	5.19	1109
CO29592+	CO29561	5.42	3 1-	4ACSR	0	0	1172	308	15	1	1	0.00	5.19	0
CO29652+	CO29592	5.46	1 1-	4ACSR	0	0	1161	307	8	0	0	0.00	5.19	0
CO29736+	CO29652	5.52	1 1-	4ACSR	0	0	1148	306	8	0	0	0.00	5.19	0
CO29653+	CO29736	5.56	1 1-	4ACSR	0	0	1140	305	8	0	0	0.00	5.19	0
CO29737+	CO29561	5.70	1204 3-	2HDCU	1423	1336	1135	306	5028	117	49	0.33	5.51	2644
CO29654+	CO29737	5.90	1204 3-	2HDCU	1393	1307	1107	304	5015	117	49	0.20	5.71	1587
CO29660+	CO29654	6.00	1202 3-	2HDCU	1379	1295	1095	303	5008	117	49	0.09	5.80	734
CO29661+	CO29660	7.11	1202 3-	2HDCU	1236	1161	966	294	5004	117	49	1.07	6.87	8586
CO29662+	CO29661	7.15	1202 3-	2HDCU	1230	1156	962	294	4965	117	49	0.05	6.92	369
CO29732+	CO29662	7.16	989 3-	2HDCU	1229	1155	961	294	4242	100	42	0.01	6.92	49
OC967+	CO29732	7.16	989 3-	WVE	1229	1155	961	294	4242	100	18	0.00	6.92	0
CO29733+	OC967	7.50	989 3-	2HDCU	1191	1120	928	291	4242	100	42	0.27	7.19	1889
CO29571+	CO29733	7.57	0 1-	4ACSR	0	0	917	290	0	0	0	0.00	7.19	0
CO29708+	CO29733	7.71	988 3-	1/0ACSR	1166	1097	907	289	4233	100	44	0.18	7.38	1251
CO30406+	CO29708	8.09	988 3-	1/0ACSR	1125	1059	872	286	4227	100	44	0.32	7.69	2176
CO27485+	CO30406	8.24	1 1-	4ACSR	0	0	852	284	0	0	0	0.00	7.69	0
CO27511+	CO30406	8.32	987 3-	1/0ACSR	1102	1037	852	284	4217	100	44	0.19	7.88	1306
CO27512+	CO27511	8.41	987 3-	1/0ACSR	1093	1029	845	284	4211	100	44	0.07	7.96	498
CO27513+	CO27512	9.01	987 3-	1/0ACSR	1036	976	797	279	4209	100	44	0.50	8.46	3474
CO27514+	CO27513	9.12	987 3-	1/0ACSR	1027	968	790	278	4192	100	44	0.09	8.55	597
CO27515+	CO27514	9.15	3 1-	4ACSR	0	0	785	278	14	1	1	0.00	8.55	0
CO27516+	CO27515	9.19	2 1-	4ACSR	0	0	781	277	6	0	0	0.00	8.55	0
REG167+	CO27514	9.12	983 3-	200.0000000000	1027	968	790	278	4165	99	0	-8.55	0.00	0
CO27462+	REG167	9.29	983 3-	1/0ACSR	1012	954	777	277	4165	92	40	0.13	0.13	849
CO27535+	CO27462	9.34	751 3-	1/0ACSR	1008	950	774	276	3202	71	31	0.03	0.16	144
CO1671651278+	CO27535	9.37	751 3-	2ACSR	1005	947	771	276	3201	71	40	0.03	0.19	157
CO-1000846053+	CO1671651278	9.38	751 3-	2ACSR	1003	946	770	276	3200	71	40	0.01	0.20	51
CO27547+	CO-1000846053	9.56	747 3-	1/0ACSR	989	932	758	275	3195	71	31	0.10	0.30	502
CO27548+	CO27547	9.69	745 3-	1/0ACSR	979	923	750	274	3188	70	31	0.08	0.38	374
CO27549+	CO27548	9.81	745 3-	1/0ACSR	969	914	742	273	3186	70	31	0.07	0.45	355
CO27465+	CO27549	9.85	744 3-	1/0ACSR	966	911	739	273	3180	70	31	0.02	0.47	109
CO27493+	CO27465	9.94	0 1-	4ACSR	0	0	730	271	0	0	0	0.00	0.47	0
CO27550+	CO27465	9.87	743 3-	1/0ACSR	964	909	737	272	3173	70	31	0.02	0.49	77
CO27551+	CO27550	10.02	743 3-	1/0ACSR	953	899	728	271	3172	70	31	0.08	0.57	412
CO27552+	CO27551	10.08	743 3-	1/0ACSR	948	894	724	271	3170	70	31	0.04	0.61	190
CO27494+	CO27552	10.13	1 1-	4ACSR	0	0	720	270	0	0	0	0.00	0.61	0
CO27553+	CO27552	10.12	742 3-	1/0ACSR	945	892	722	271	3170	70	31	0.02	0.63	90
CO27554+	CO27553	10.20	740 3-	1/0ACSR	939	886	717	270	3159	70	31	0.05	0.67	235

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO27555+	CO27554	10.27	739 3-	1/0ACSR	934	881	713	269	3155	70	31	0.04	0.72	214
CO27556+	CO27555	10.29	739 3-	1/0ACSR	933	880	712	269	3154	70	31	0.01	0.72	35
CO27557+	CO27556	10.35	739 3-	1/0ACSR	928	876	708	269	3154	70	31	0.04	0.76	181
CO27570+	CO27557	10.42	363 3-	1/0ACSR	923	871	704	268	1407	31	14	0.02	0.78	37
CO27571+	CO27570	10.47	362 3-	1/0ACSR	920	868	701	268	1404	31	14	0.01	0.79	31
CO27569+	CO27571	10.54	361 3-	1/0ACSR	915	863	697	267	1390	30	13	0.01	0.80	36
CO27568+	CO27569	10.60	361 3-	1/0ACSR	910	859	694	267	1389	30	13	0.01	0.82	34
CO27567+	CO27568	10.66	360 3-	1/0ACSR	906	855	691	267	1389	30	13	0.01	0.83	33
CO27566+	CO27567	10.75	357 3-	1/0ACSR	900	850	686	266	1385	30	13	0.02	0.85	46
CO27495+	CO27566	10.80	1 1-	4ACSR	0	0	681	265	8	0	0	0.00	0.85	0
CO27687+	CO27566	10.75	356 3-	1/0ACSR	900	850	685	266	1376	30	13	0.00	0.85	4
OC845+	CO27687	10.75	356 3-	70 E OCR	900	850	685	266	1376	30	44	0.00	0.85	0
CO27688+	OC845	10.91	356 3-	1/0ACSR	889	840	677	265	1376	30	13	0.03	0.89	84
CO27574+	CO27688	10.94	353 3-	1/0ACSR	887	838	675	265	1370	30	13	0.01	0.89	16
CO27575+	CO27574	11.03	352 3-	1/0ACSR	882	832	670	264	1370	30	13	0.02	0.91	48
CO27467+	CO27575	11.10	324 3-	1/0ACSR	877	828	667	264	1277	28	12	0.01	0.92	30
CO27500+	CO27467	11.16	1 1-	4ACSR	0	0	662	263	4	0	0	0.00	0.92	0
CO27468+	CO27467	11.23	323 3-	1/0ACSR	869	821	660	263	1273	28	12	0.03	0.95	61
CO27618+	CO27468	11.32	322 3-	1/0ACSR	863	815	655	262	1272	28	12	0.02	0.97	43
CO27619+	CO27618	11.51	321 3-	1/0ACSR	851	804	646	261	1271	28	12	0.04	1.01	86
CO27620+	CO27619	11.65	320 3-	1/0ACSR	843	797	640	260	1270	28	12	0.03	1.03	61
CO27621+	CO27620	11.69	320 3-	1/0ACSR	841	794	638	259	1270	28	12	0.01	1.04	19
CO27622+	CO27621	11.78	320 3-	1/0ACSR	835	789	633	259	1270	28	12	0.02	1.06	42
CO27499+	CO27622	11.84	1 1-	4ACSR	0	0	629	258	3	0	0	0.00	1.06	0
CO27510+	CO27622	11.93	319 3-	1/0ACSR	827	781	626	258	1267	28	12	0.03	1.09	69
CO27473+	CO27510	11.99	1 1-	4ACSR	0	0	622	257	8	0	0	0.00	1.09	0
CO27623+	CO27510	12.04	318 3-	1/0ACSR	820	775	621	257	1259	28	12	0.02	1.11	49
CO27624+	CO27623	12.26	317 3-	1/0ACSR	808	764	611	256	1258	28	12	0.04	1.16	100
CO27453+	CO27624	12.30	316 3-	1/0ACSR	806	762	610	255	1256	27	12	0.01	1.16	16
CO27625+	CO27453	12.34	314 3-	1/0ACSR	804	760	608	255	1255	27	12	0.01	1.17	21
CO27626+	CO27625	12.47	314 3-	1/0ACSR	797	753	602	254	1255	27	12	0.02	1.20	55
CO27629+	CO27626	12.65	311 3-	1/0ACSR	787	744	595	253	1231	27	12	0.04	1.23	79
CO30580+	CO27629	12.75	310 3-	1/0ACSR	782	740	591	252	1224	27	12	0.02	1.25	42
CO27630+	CO30580	12.89	308 3-	1/0ACSR	775	733	585	251	1215	27	12	0.03	1.28	60
CO27631+	CO27630	12.96	4 2-	2ACSR	0	729	582	251	38	1	1	0.00	1.28	0
CO27505+	CO27631	12.99	1 1-	2ACSR	0	0	580	251	2	0	0	0.00	1.28	0
CO27632+	CO27631	13.01	3 2-	2ACSR	0	726	579	250	36	1	1	0.00	1.28	0
CO30685+	CO27630	13.00	1 3-	1/0ACSR	770	728	581	251	3	0	0	0.00	1.28	0
CO27633+	CO27630	12.90	302 3-	1/0ACSR	774	733	585	251	1165	25	11	0.00	1.28	3
CA73+	CO27633	12.90	0 3-	Capacitor	774	733	585	251	0	-7	0	0.00	1.28	0
CO27634+	CO27633	12.94	302 3-	1/0ACSR	772	731	583	251	1165	26	12	0.01	1.29	17
CO27635+	CO27634	13.01	302 3-	1/0ACSR	769	727	580	251	1164	26	12	0.02	1.31	29
CO27657+	CO27635	13.09	188 3-	1/0ACSR	765	724	577	250	698	15	7	0.01	1.32	12
CO27658+	CO27657	13.28	188 3-	1/0ACSR	756	715	570	249	698	15	7	0.03	1.34	27
CO27659+	CO27658	13.70	187 3-	1/0ACSR	736	697	554	246	693	15	7	0.06	1.40	60
CO-1869686288+	CO27659	13.77	186 3-	2ACSR	732	693	551	246	690	15	9	0.01	1.41	16
CO-419309368+	CO-1869686288	14.08	185 3-	2ACSR	715	677	538	243	689	15	9	0.06	1.48	70
CO27460+	CO-419309368	14.16	181 3-	1/0ACSR	711	674	535	243	675	15	7	0.01	1.49	10
CO27673+	CO27460	14.27	141 1-	4ACSR	0	0	529	241	535	36	26	0.10	1.58	82
OC836+	CO27673	14.27	141 1-	50 E OCR	0	0	529	241	534	36	73	0.00	1.58	0
CO27674+	OC836	14.36	141 1-	4ACSR	0	0	525	240	534	36	26	0.07	1.66	63
CO27666+	CO27674	14.39	141 1-	4ACSR	0	0	524	240	534	36	26	0.02	1.68	20

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27667+	CO27666	14.43	141 1-	4ACSR	0	0	522	239	534	36	26	0.03	1.71	28
CO30404+	CO27667	14.94	124 1-	4ACSR	0	0	497	234	440	30	22	0.36	2.07	252
CO30575+	CO30404	15.00	123 1-	4ACSR	0	0	495	233	438	30	21	0.04	2.11	28
CO27697+	CO30575	15.23	120 1-	4ACSR	0	0	485	231	427	29	21	0.15	2.26	105
CO27743+	CO27697	15.66	118 1-	4ACSR	0	0	467	226	416	28	20	0.28	2.54	191
CO27744+	CO27743	15.79	118 1-	4ACSR	0	0	462	225	415	28	20	0.08	2.62	54
CO27716+	CO27744	15.97	2 1-	4ACSR	0	0	455	223	2	0	0	0.00	2.62	0
CO27745+	CO27744	15.98	115 1-	4ACSR	0	0	454	223	412	28	20	0.12	2.75	82
CO27746+	CO27745	16.38	115 1-	4ACSR	0	0	439	219	412	28	20	0.26	3.01	176
CO27747+	CO27746	16.47	114 1-	4ACSR	0	0	436	218	409	28	20	0.05	3.06	36
CO27748+	CO27747	16.54	114 1-	4ACSR	0	0	434	218	409	28	20	0.04	3.11	28
CO27749+	CO27748	16.62	113 1-	4ACSR	0	0	431	217	408	28	20	0.05	3.16	36
CO27750+	CO27749	16.77	113 1-	4ACSR	0	0	426	216	408	28	20	0.10	3.26	65
CO27751+	CO27750	17.00	113 1-	4ACSR	0	0	418	213	407	28	20	0.15	3.41	97
CO27698+	CO27751	17.03	34 1-	4ACSR	0	0	417	213	111	7	6	0.01	3.41	0
CO27820+	CO27698	17.04	34 1-	4ACSR	0	0	417	213	111	7	6	0.00	3.41	0
OC851+	CO27820	17.04	34 1-	50 H OCR	0	0	417	213	111	7	15	0.00	3.41	0
XFMR69	OC851	17.04	34 1-	167 KVA 1PH AUT	0	0	450	150	111	7	67	0.44	3.85	0
CO27821	XFMR69	17.17	34 1-	4ACSR	0	0	442	149	111	15	11	0.09	3.95	17
CO27771	CO27821	17.25	34 1-	4ACSR	0	0	437	148	111	15	11	0.06	4.00	10
CO27772	CO27771	17.31	32 1-	4ACSR	0	0	433	148	105	14	10	0.04	4.04	6
CO27773	CO27772	17.36	31 1-	4ACSR	0	0	430	147	99	13	10	0.03	4.07	5
CO27774	CO27773	17.75	31 1-	4ACSR	0	0	408	144	99	13	10	0.24	4.31	39
CO27775	CO27774	17.90	30 1-	4ACSR	0	0	400	143	96	13	10	0.09	4.40	15
CO27776	CO27775	17.98	30 1-	4ACSR	0	0	396	142	96	13	10	0.05	4.45	8
CO27770	CO27776	18.07	29 1-	4ACSR	0	0	391	142	95	13	9	0.05	4.50	8
CO316916860	CO27770	18.11	1 1-	2ACSR	0	0	390	141	9	1	1	0.00	4.50	0
CO27699	CO27770	18.11	26 1-	4ACSR	0	0	389	141	85	11	8	0.02	4.52	3
CO27703	CO27699	18.22	15 1-	4ACSR	0	0	384	140	59	8	6	0.04	4.56	4
CO27784	CO27703	18.31	15 1-	4ACSR	0	0	379	140	59	8	6	0.03	4.60	3
CO27785	CO27784	18.45	12 1-	4ACSR	0	0	373	139	51	7	5	0.04	4.64	3
CO27692	CO27785	18.56	9 1-	4ACSR	0	0	368	138	41	5	4	0.03	4.67	0
CO202223438	CO27692	18.66	0 1-	2ACSR	0	0	364	137	0	0	0	0.00	4.67	0
CO27787	CO27692	18.76	5 1-	4ACSR	0	0	359	136	28	3	3	0.03	4.69	0
CO30437	CO27787	19.03	4 1-	4ACSR	0	0	347	134	16	2	2	0.02	4.72	0
CO27993	CO30437	19.12	1 1-	4ACSR	0	0	343	134	3	0	0	0.00	4.72	0
CO27992	CO30437	19.13	1 1-	4ACSR	0	0	343	134	2	0	0	0.00	4.72	0
CO27991	CO30437	19.07	1 1-	4ACSR	0	0	345	134	6	0	1	0.00	4.72	0
CO27710	CO27692	18.62	2 1-	4ACSR	0	0	365	137	10	1	1	0.00	4.67	0
CO27786	CO27785	18.54	2 1-	4ACSR	0	0	369	138	6	0	1	0.00	4.64	0
CO27700	CO27699	18.20	10 1-	4ACSR	0	0	385	141	22	3	2	0.01	4.54	0
CO-1047736648	CO27700	18.33	9 1-	2ACSR	0	0	380	140	19	2	2	0.01	4.55	0
CO-2127853440	CO-1047736648	18.46	9 1-	2ACSR	0	0	375	139	19	2	2	0.01	4.56	0
CO27718	CO-2127853440	18.55	2 1-	4ACSR	0	0	370	138	9	1	1	0.00	4.56	0
CO27702	CO-2127853440	18.57	7 1-	4ACSR	0	0	369	138	11	1	1	0.01	4.56	0
CO27788	CO27702	18.96	0 1-	4ACSR	0	0	352	135	0	0	0	0.00	4.56	0
CO27825	CO27788	19.00	0 1-	4ACSR	0	0	350	135	0	0	0	0.00	4.56	0
SW852-B	CO27825	19.00	0 1-	Open	0	0	350	135	0	0	0	0.00	4.56	0
CO27717	CO27702	18.68	6 1-	4ACSR	0	0	364	137	11	1	1	0.01	4.57	0
CO2042804594	CO27717	18.73	5 1-	2ACSR	0	0	363	137	8	1	1	0.00	4.57	0
CO253760810	CO2042804594	19.09	5 1-	2ACSR	0	0	350	135	8	1	1	0.01	4.59	0
CO2021377330	CO253760810	19.14	5 1-	2ACSR	0	0	348	135	8	1	1	0.00	4.59	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO829363688	CO2021377330	19.30	5 1-	2ACSR	0	0	343	134	8	1	1	0.01	4.59	0
CO1722852361	CO829363688	19.38	5 1-	2ACSR	0	0	340	134	8	1	1	0.00	4.60	0
CO27815	CO1722852361	19.47	4 1-	6ACWC	0	0	337	133	8	1	1	0.00	4.60	0
CO27816	CO27815	19.49	4 1-	6ACWC	0	0	336	133	8	1	1	0.00	4.60	0
CO27817	CO27816	19.62	2 1-	6ACWC	0	0	331	132	3	0	0	0.00	4.60	0
CO27818	CO27817	19.86	1 1-	6ACWC	0	0	322	131	2	0	0	0.00	4.61	0
CO27819	CO27818	19.96	1 1-	6ACWC	0	0	319	130	2	0	0	0.00	4.61	0
CO27723	CO1722852361	19.46	1 1-	6ACWC	0	0	337	133	0	0	0	0.00	4.60	0
CO27709	CO1722852361	19.53	0 1-	6ACWC	0	0	334	133	0	0	0	0.00	4.60	0
CO27719	CO27700	18.30	1 1-	4ACSR	0	0	380	140	2	0	0	0.00	4.54	0
CO27777	CO27770	18.20	2 1-	4ACSR	0	0	385	141	0	0	0	0.00	4.50	0
CO27778	CO27777	18.26	1 1-	4ACSR	0	0	382	140	0	0	0	0.00	4.50	0
CO27779	CO27778	18.30	1 1-	4ACSR	0	0	380	140	0	0	0	0.00	4.50	0
CO27780	CO27779	18.47	1 1-	4ACSR	0	0	372	139	0	0	0	0.00	4.50	0
CO27781	CO27780	18.56	1 1-	4ACSR	0	0	368	138	0	0	0	0.00	4.50	0
CO27822+	CO27751	17.01	79 1-	4ACSR	0	0	418	213	296	20	15	0.00	3.41	0
OC850+	CO27822	17.01	79 1-	25 E OCR	0	0	418	213	296	20	82	0.00	3.41	0
CO27823+	OC850	17.03	79 1-	4ACSR	0	0	417	213	296	20	15	0.01	3.42	6
CO27752+	CO27823	17.05	78 1-	4ACSR	0	0	416	213	291	20	14	0.01	3.43	3
CO27753+	CO27752	17.17	76 1-	4ACSR	0	0	413	212	289	20	14	0.06	3.48	27
CO27696+	CO27753	17.36	14 1-	4ACSR	0	0	407	210	41	2	2	0.01	3.50	0
CO27695+	CO27696	17.51	6 1-	4ACSR	0	0	402	209	15	1	1	0.00	3.50	0
CO1981088355+	CO27695	17.58	1 1-	2ACSR	0	0	400	208	0	0	0	0.00	3.50	0
CO27693+	CO27695	17.91	0 1-	4ACSR	0	0	390	206	0	0	0	0.00	3.50	0
CO27761+	CO27695	17.72	4 1-	4ACSR	0	0	396	207	3	0	0	0.00	3.50	0
CO-1422772200+	CO27761	17.76	0 1-	2ACSR	0	0	395	207	0	0	0	0.00	3.50	0
CO27762+	CO27761	17.77	1 1-	4ACSR	0	0	394	207	0	0	0	0.00	3.50	0
CO27694+	CO27696	17.41	7 1-	4ACSR	0	0	405	210	23	1	1	0.00	3.50	0
CO27763+	CO27694	17.51	1 1-	4ACSR	0	0	402	209	2	0	0	0.00	3.50	0
CO27764+	CO27763	17.61	1 1-	4ACSR	0	0	399	208	2	0	0	0.00	3.50	0
CO27765+	CO27694	17.44	3 1-	4ACSR	0	0	404	210	11	0	1	0.00	3.50	0
CO27766+	CO27765	17.91	1 1-	4ACSR	0	0	390	206	0	0	0	0.00	3.50	0
CO27768+	CO27765	17.48	2 1-	2ACSR	0	0	403	209	10	0	0	0.00	3.50	0
CO27769+	CO27768	17.51	1 1-	2ACSR	0	0	402	209	5	0	0	0.00	3.50	0
CO27767+	CO27769	17.53	1 1-	2ACSR	0	0	402	209	5	0	0	0.00	3.50	0
CO27754+	CO27753	17.21	62 1-	4ACSR	0	0	411	212	248	17	12	0.01	3.50	6
CO27755+	CO27754	17.52	61 1-	4ACSR	0	0	401	209	240	16	12	0.12	3.62	47
CO27756+	CO27755	17.56	61 1-	4ACSR	0	0	400	208	240	16	12	0.02	3.63	6
CO27760+	CO27756	17.90	59 1-	4ACSR	0	0	390	206	225	15	11	0.12	3.75	44
CO30401+	CO27760	18.05	59 1-	4ACSR	0	0	386	204	225	15	11	0.05	3.81	20
CO27365+	CO30401	18.19	1 1-	4ACSR	0	0	382	203	5	0	0	0.00	3.81	0
CO27366+	CO27365	18.28	1 1-	4ACSR	0	0	380	203	5	0	0	0.00	3.81	0
CO27326+	CO30401	18.12	58 1-	4ACSR	0	0	384	204	220	15	11	0.02	3.83	9
CO27325+	CO27326	18.26	56 1-	4ACSR	0	0	380	203	208	14	10	0.05	3.88	16
CO27375+	CO27325	18.37	53 1-	4ACSR	0	0	377	202	198	13	10	0.04	3.91	11
CO27376+	CO27375	18.58	52 1-	4ACSR	0	0	372	200	193	13	10	0.06	3.98	20
CO27377+	CO27376	18.73	51 1-	4ACSR	0	0	368	199	190	13	9	0.05	4.02	14
CO27378+	CO27377	18.79	50 1-	4ACSR	0	0	366	198	185	12	9	0.02	4.04	5
XFMR70	CO27378	18.79	50 1-	333 KVA 1PH AUT	0	0	512	149	185	12	56	0.45	4.49	0
CO27379	XFMR70	18.88	50 1-	4ACSR	0	0	504	148	185	25	18	0.11	4.60	32
CO27351	CO27379	18.96	1 1-	2ACSR	0	0	499	148	9	1	1	0.00	4.60	0
CO27380	CO27379	18.96	49 1-	4ACSR	0	0	497	148	175	24	18	0.09	4.68	25

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27381	CO27380	19.08	48 1-	4ACSR	0	0	488	147	172	24	17	0.12	4.81	35
CO27451	CO27381	19.08	25 1-	4ACSR	0	0	487	147	105	14	10	0.00	4.81	0
OC835	CO27451	19.08	25 1-	15 H OCR	0	0	487	147	105	14	98	0.00	4.81	0
CO27452	OC835	19.13	25 1-	4ACSR	0	0	483	146	105	14	10	0.03	4.84	5
CO27382	CO27452	19.19	24 1-	4ACSR	0	0	478	146	96	13	10	0.03	4.88	5
CO27318	CO27382	19.33	21 1-	4ACSR	0	0	467	145	75	10	7	0.07	4.94	8
CO27385	CO27318	19.57	6 1-	4ACSR	0	0	450	143	23	3	2	0.03	4.98	0
CO27386	CO27385	19.59	5 1-	4ACSR	0	0	448	143	23	3	2	0.00	4.98	0
CO27387	CO27386	19.74	3 1-	4ACSR	0	0	438	142	12	1	1	0.01	4.99	0
CO27388	CO27387	19.78	2 1-	4ACSR	0	0	435	141	10	1	1	0.00	4.99	0
CO27332	CO27388	19.88	1 1-	4ACSR	0	0	429	140	10	1	1	0.00	5.00	0
CO27389	CO27388	19.93	1 1-	4ACSR	0	0	425	140	0	0	0	0.00	4.99	0
CO27390	CO27389	20.01	0 1-	4ACSR	0	0	420	139	0	0	0	0.00	4.99	0
CO27331	CO27389	19.99	1 1-	4ACSR	0	0	421	140	0	0	0	0.00	4.99	0
CO27319	CO27318	19.52	15 1-	4ACSR	0	0	453	143	52	7	5	0.06	5.01	5
CO27333	CO27319	19.61	0 1-	4ACSR	0	0	447	143	0	0	0	0.00	5.01	0
CO27391	CO27319	19.71	15 1-	4ACSR	0	0	440	142	52	7	5	0.06	5.07	5
CO27392	CO27391	19.86	14 1-	4ACSR	0	0	430	141	49	6	5	0.04	5.11	3
CO27402	CO27392	20.15	10 1-	4ACSR	0	0	411	138	34	4	3	0.06	5.17	3
CO27403	CO27402	20.16	9 1-	4ACSR	0	0	411	138	31	4	3	0.00	5.17	0
CO27321	CO27403	20.56	9 1-	4ACSR	0	0	388	135	31	4	3	0.08	5.25	4
CO27320	CO27321	20.74	8 1-	4ACSR	0	0	378	134	28	4	3	0.03	5.28	0
CO27407	CO27320	20.86	7 1-	4ACSR	0	0	372	133	28	4	3	0.02	5.30	0
CO-1241716369	CO27407	21.10	7 1-	2ACSR	0	0	362	132	28	4	2	0.03	5.33	0
CO1381945206	CO-1241716369	21.14	6 1-	2ACSR	0	0	361	132	28	4	2	0.00	5.34	0
CO27406	CO1381945206	21.24	6 1-	4ACSR	0	0	356	131	28	4	3	0.02	5.36	0
CO27350	CO27406	21.29	1 1-	2ACSR	0	0	354	131	6	0	0	0.00	5.36	0
CO27409	CO27406	21.25	5 1-	4ACSR	0	0	355	131	23	3	2	0.00	5.36	0
CO27410	CO27409	21.29	4 1-	4ACSR	0	0	353	131	17	2	2	0.00	5.36	0
CO27411	CO27410	21.37	4 1-	4ACSR	0	0	350	130	17	2	2	0.01	5.37	0
CO27336	CO27411	21.43	1 1-	4ACSR	0	0	347	130	9	1	1	0.00	5.37	0
CO27413	CO27411	21.43	3 1-	4ACSR	0	0	347	130	9	1	1	0.00	5.37	0
CO27414	CO27413	21.48	3 1-	4ACSR	0	0	345	130	9	1	1	0.00	5.38	0
CO27415	CO27414	21.63	3 1-	4ACSR	0	0	338	129	9	1	1	0.01	5.38	0
CO27416	CO27415	21.71	3 1-	4ACSR	0	0	335	128	9	1	1	0.00	5.39	0
CO27349	CO27416	21.77	1 1-	2ACSR	0	0	333	128	3	0	0	0.00	5.39	0
CO27412	CO27416	21.77	2 1-	4ACSR	0	0	333	128	6	0	1	0.00	5.39	0
CO27338	CO27412	21.85	1 1-	4ACSR	0	0	329	127	0	0	0	0.00	5.39	0
CO27337	CO27412	21.84	1 1-	4ACSR	0	0	330	127	6	0	1	0.00	5.39	0
CO-1468795069	CO-1241716369	21.16	1 1-	2ACSR	0	0	360	132	0	0	0	0.00	5.33	0
CO1030920528	CO-1468795069	21.20	0 1-	2ACSR	0	0	359	132	0	0	0	0.00	5.33	0
CO27335	CO27320	20.79	1 1-	4ACSR	0	0	375	134	0	0	0	0.00	5.28	0
CO27334	CO27321	20.64	1 1-	4ACSR	0	0	383	135	2	0	0	0.00	5.25	0
CO27404	CO27403	20.36	0 1-	4ACSR	0	0	399	137	0	0	0	0.00	5.17	0
CO27405	CO27404	20.50	0 1-	4ACSR	0	0	391	136	0	0	0	0.00	5.17	0
CO27395	CO27392	19.95	2 1-	4ACSR	0	0	424	140	6	0	1	0.00	5.11	0
CO27396	CO27395	20.02	2 1-	4ACSR	0	0	420	139	6	0	1	0.00	5.12	0
CO27400	CO27396	20.06	1 1-	2ACSR	0	0	417	139	5	0	0	0.00	5.12	0
CO27401	CO27400	20.13	1 1-	2ACSR	0	0	414	139	5	0	0	0.00	5.12	0
CO27397	CO27396	20.14	1 1-	4ACSR	0	0	412	138	0	0	0	0.00	5.12	0
CO27398	CO27397	20.16	1 1-	4ACSR	0	0	411	138	0	0	0	0.00	5.12	0
CO27399	CO27398	20.18	1 1-	4ACSR	0	0	410	138	0	0	0	0.00	5.12	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27393	CO27392	19.89	1 1-	4ACSR	0	0	428	140	2	0	0	0.00	5.11	0
CO27394	CO27393	20.00	1 1-	4ACSR	0	0	421	140	2	0	0	0.00	5.11	0
CO27383	CO27382	19.27	2 1-	4ACSR	0	0	472	145	12	1	1	0.00	4.88	0
CO27384	CO27383	19.32	1 1-	4ACSR	0	0	468	145	4	0	0	0.00	4.88	0
CO27449	CO27381	19.08	23 1-	4ACSR	0	0	487	147	68	9	7	0.00	4.81	0
OC834	CO27449	19.08	23 1-	15 H OCR	0	0	487	147	68	9	63	0.00	4.81	0
CO27450	OC834	19.27	23 1-	4ACSR	0	0	472	145	68	9	7	0.08	4.89	9
CO27327	CO27450	19.39	22 1-	4ACSR	0	0	463	144	68	9	7	0.05	4.94	6
CO27425	CO27327	19.65	18 1-	4ACSR	0	0	444	142	52	7	5	0.09	5.03	7
CO27426	CO27425	19.71	17 1-	4ACSR	0	0	440	142	50	7	5	0.02	5.05	0
CO27328	CO27426	19.80	17 1-	4ACSR	0	0	434	141	50	7	5	0.03	5.07	2
CO27435	CO27328	19.98	9 1-	4ACSR	0	0	422	140	36	4	4	0.04	5.12	2
CO27436	CO27435	20.07	9 1-	4ACSR	0	0	416	139	36	4	4	0.02	5.14	0
CO27437	CO27436	20.13	9 1-	4ACSR	0	0	413	139	35	4	4	0.01	5.15	0
CO27329	CO27437	20.21	5 1-	4ACSR	0	0	408	138	20	2	2	0.01	5.16	0
CO27344	CO27329	20.28	0 1-	4ACSR	0	0	403	137	0	0	0	0.00	5.16	0
CO27443	CO27329	20.26	4 1-	4ACSR	0	0	404	138	19	2	2	0.01	5.17	0
CO27444	CO27443	20.32	4 1-	4ACSR	0	0	401	137	19	2	2	0.01	5.17	0
CO27345	CO27444	20.38	1 1-	4ACSR	0	0	398	137	8	1	1	0.00	5.17	0
CO27447	CO27444	20.38	1 1-	4ACSR	0	0	398	137	3	0	0	0.00	5.17	0
CO27448	CO27447	20.44	1 1-	4ACSR	0	0	394	136	3	0	0	0.00	5.17	0
CO27446	CO27448	20.46	0 1-	4ACSR	0	0	393	136	0	0	0	0.00	5.17	0
CO27445	CO27446	20.53	0 1-	4ACSR	0	0	389	136	0	0	0	0.00	5.17	0
CO27438	CO27437	20.24	4 1-	4ACSR	0	0	406	138	15	2	2	0.01	5.16	0
CO27439	CO27438	20.25	3 1-	4ACSR	0	0	405	138	12	1	1	0.00	5.16	0
CO27343	CO27439	20.46	1 1-	4ACSR	0	0	393	136	3	0	0	0.00	5.16	0
CO27441	CO27439	20.35	2 1-	4ACSR	0	0	399	137	9	1	1	0.01	5.16	0
CO27442	CO27441	20.40	2 1-	4ACSR	0	0	396	137	9	1	1	0.00	5.17	0
CO27440	CO27442	20.42	1 1-	4ACSR	0	0	395	136	0	0	0	0.00	5.17	0
CO27427	CO27328	19.89	8 1-	4ACSR	0	0	428	140	14	2	1	0.01	5.08	0
CO27428	CO27427	19.96	6 1-	4ACSR	0	0	423	140	12	1	1	0.01	5.09	0
CO27429	CO27428	20.03	6 1-	4ACSR	0	0	419	139	12	1	1	0.00	5.09	0
CO27430	CO27429	20.20	6 1-	4ACSR	0	0	408	138	12	1	1	0.01	5.10	0
CO27431	CO27430	20.48	5 1-	4ACSR	0	0	392	136	11	1	1	0.02	5.12	0
CO27432	CO27431	20.69	4 1-	4ACSR	0	0	381	135	8	1	1	0.01	5.13	0
CO27346	CO27432	20.84	2 1-	4ACSR	0	0	373	133	6	0	1	0.00	5.13	0
CO27433	CO27432	20.74	2 1-	4ACSR	0	0	378	134	2	0	0	0.00	5.13	0
CO27434	CO27433	20.78	2 1-	4ACSR	0	0	376	134	2	0	0	0.00	5.13	0
CO30579	CO27434	20.94	1 1-	4ACSR	0	0	367	133	0	0	0	0.00	5.13	0
CO27342	CO27426	19.80	0 1-	4ACSR	0	0	434	141	0	0	0	0.00	5.05	0
CO27417	CO27327	19.59	4 1-	4ACSR	0	0	448	143	15	2	2	0.02	4.96	0
CO27418	CO27417	19.64	3 1-	4ACSR	0	0	445	142	11	1	1	0.00	4.96	0
CO27419	CO27418	19.84	3 1-	4ACSR	0	0	431	141	11	1	1	0.01	4.98	0
CO27420	CO27419	19.88	2 1-	4ACSR	0	0	428	140	9	1	1	0.00	4.98	0
CO27421	CO27420	19.94	2 1-	4ACSR	0	0	424	140	9	1	1	0.00	4.98	0
CO27422	CO27421	19.96	1 1-	4ACSR	0	0	423	140	1	0	0	0.00	4.98	0
CO27423	CO27422	20.01	1 1-	4ACSR	0	0	420	139	1	0	0	0.00	4.98	0
CO27424	CO27423	20.07	1 1-	4ACSR	0	0	416	139	1	0	0	0.00	4.98	0
CO27341	CO27450	19.43	1 1-	4ACSR	0	0	460	144	0	0	0	0.00	4.89	0
CO27373+	CO27325	18.37	2 1-	4ACSR	0	0	377	202	5	0	0	0.00	3.88	0
CO27374+	CO27373	18.59	0 1-	4ACSR	0	0	371	200	0	0	0	0.00	3.88	0
CO27372+	CO27374	18.69	0 1-	4ACSR	0	0	369	199	0	0	0	0.00	3.88	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27352+	CO27325	18.33	1 1-	2ACSR	0	0	379	202	4	0	0	0.00	3.88	0
CO27367+	CO27326	18.25	2 1-	4ACSR	0	0	381	203	12	0	1	0.00	3.83	0
CO27368+	CO27367	18.32	1 1-	4ACSR	0	0	379	202	4	0	0	0.00	3.83	0
CO27369+	CO27368	18.45	1 1-	4ACSR	0	0	375	201	4	0	0	0.00	3.83	0
CO27370+	CO27369	18.49	1 1-	4ACSR	0	0	374	201	4	0	0	0.00	3.83	0
CO27371+	CO27370	18.54	1 1-	4ACSR	0	0	373	200	4	0	0	0.00	3.83	0
CO27757+	CO27756	17.66	1 1-	4ACSR	0	0	397	208	14	0	1	0.00	3.64	0
CO27758+	CO27757	17.69	1 1-	4ACSR	0	0	397	207	14	0	1	0.00	3.64	0
CO27759+	CO27758	17.74	1 1-	4ACSR	0	0	395	207	14	0	1	0.00	3.64	0
CO27727+	CO27823	17.07	1 1-	2ACSR	0	0	416	213	5	0	0	0.00	3.42	0
CO27715+	CO27697	15.30	1 1-	4ACSR	0	0	482	230	11	0	1	0.00	2.26	0
CO27740+	CO30575	15.07	3 1-	4ACSR	0	0	492	232	10	0	0	0.00	2.11	0
CO1640240897+	CO27740	15.10	1 1-	2ACSR	0	0	491	232	9	0	0	0.00	2.11	0
CO27741+	CO27740	15.12	1 1-	4ACSR	0	0	490	232	0	0	0	0.00	2.11	0
CO27742+	CO27741	15.18	1 1-	4ACSR	0	0	487	231	0	0	0	0.00	2.11	0
CO27461+	CO27667	14.56	15 1-	4ACSR	0	0	515	238	91	6	4	0.02	1.73	3
CO30405+	CO27461	14.70	13 1-	4ACSR	0	0	508	236	87	5	4	0.02	1.75	3
CO27728+	CO30405	14.76	12 1-	4ACSR	0	0	506	236	75	5	4	0.01	1.76	0
CO27729+	CO27728	14.86	12 1-	4ACSR	0	0	501	235	75	5	4	0.01	1.77	0
CO27714+	CO27729	15.03	1 1-	4ACSR	0	0	493	233	2	0	0	0.00	1.77	0
CO27713+	CO27729	14.97	1 1-	4ACSR	0	0	496	233	11	0	1	0.00	1.77	0
CO27730+	CO27729	15.02	10 1-	4ACSR	0	0	494	233	62	4	3	0.02	1.78	0
CO27731+	CO27730	15.11	10 1-	4ACSR	0	0	490	232	62	4	3	0.01	1.79	0
CO27724+	CO27731	15.15	1 1-	4ACSR	0	0	488	232	9	0	0	0.00	1.79	0
CO27732+	CO27731	15.30	9 1-	4ACSR	0	0	482	230	54	3	3	0.02	1.81	0
CO30574+	CO27732	15.39	6 1-	4ACSR	0	0	478	229	49	3	2	0.01	1.81	0
CO27736+	CO30574	15.47	3 1-	4ACSR	0	0	474	228	37	2	2	0.00	1.82	0
CO27737+	CO27736	15.52	2 1-	4ACSR	0	0	473	228	23	1	1	0.00	1.82	0
CO27738+	CO27737	15.61	2 1-	4ACSR	0	0	469	227	23	1	1	0.00	1.82	0
CO27739+	CO27738	15.71	2 1-	4ACSR	0	0	465	226	23	1	1	0.00	1.83	0
CO27712+	CO27739	15.74	1 1-	4ACSR	0	0	464	225	13	0	1	0.00	1.83	0
CO27711+	CO27739	15.75	1 1-	4ACSR	0	0	463	225	10	0	1	0.00	1.83	0
CO27733+	CO30574	15.42	3 1-	4ACSR	0	0	477	229	12	0	1	0.00	1.81	0
CO27734+	CO27733	15.52	2 1-	4ACSR	0	0	473	228	9	0	0	0.00	1.82	0
CO27735+	CO27734	15.57	1 1-	4ACSR	0	0	471	227	1	0	0	0.00	1.82	0
CO27725+	CO30574	15.44	0 1-	4ACSR	0	0	476	228	0	0	0	0.00	1.81	0
CO30446+	CO30405	14.83	1 1-	4ACSR	0	0	503	235	11	0	1	0.00	1.75	0
CO27483+	CO27461	14.58	2 1-	4ACSR	0	0	514	238	4	0	0	0.00	1.73	0
CO27668+	CO27667	14.54	1 1-	4ACSR	0	0	516	238	3	0	0	0.00	1.71	0
CO30453+	CO27668	15.08	0 1-	4ACSR	0	0	491	232	0	0	0	0.00	1.71	0
CO27670+	CO27460	14.18	40 1-	4ACSR	0	0	534	242	140	9	7	0.01	1.49	0
CO27669+	CO27670	14.38	40 1-	4ACSR	0	0	524	240	140	9	7	0.04	1.53	9
CO27472+	CO27669	14.45	1 1-	4ACSR	0	0	520	239	1	0	0	0.00	1.53	0
CO30400+	CO27669	14.54	39 1-	4ACSR	0	0	516	238	139	9	7	0.03	1.57	8
CO27262+	CO30400	14.76	39 1-	4ACSR	0	0	506	236	139	9	7	0.05	1.61	10
CO27261+	CO27262	14.83	37 1-	4ACSR	0	0	503	235	137	9	7	0.01	1.63	3
CO27263+	CO27261	14.99	4 1-	4ACSR	0	0	495	233	3	0	0	0.00	1.63	0
CO27264+	CO27263	15.06	2 1-	4ACSR	0	0	492	233	0	0	0	0.00	1.63	0
CO27265+	CO27264	15.14	1 1-	4ACSR	0	0	489	232	0	0	0	0.00	1.63	0
CO27266+	CO27265	15.50	1 1-	4ACSR	0	0	473	228	0	0	0	0.00	1.63	0
CO27268+	CO27261	15.02	32 1-	4ACSR	0	0	494	233	127	8	6	0.04	1.66	8
CO27270+	CO27268	15.03	31 1-	4ACSR	0	0	493	233	124	8	6	0.00	1.67	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27269+	CO27270	15.10	30 1-	4ACSR	0	0	491	232	116	7	6	0.01	1.68	0
CO27210+	CO27269	15.12	2 1-	2ACSR	0	0	490	232	8	0	0	0.00	1.68	0
CO27271+	CO27210	15.21	2 1-	1/0PRIURD	0	0	487	357	8	0	0	0.00	1.68	0
CO27272+	CO27271	15.40	1 1-	1/0PRIURD	0	0	482	355	0	0	0	0.00	1.68	0
CO27267+	CO27269	15.14	28 1-	4ACSR	0	0	488	232	108	7	5	0.01	1.69	0
CO27285+	CO27267	15.25	23 1-	4ACSR	0	0	484	231	84	5	4	0.01	1.70	0
CO27287+	CO27285	15.31	21 1-	4ACSR	0	0	481	230	75	5	4	0.01	1.71	0
CO27286+	CO27287	15.53	20 1-	4ACSR	0	0	472	228	70	4	3	0.02	1.73	3
CO27290+	CO27286	15.65	16 1-	4ACSR	0	0	467	226	53	3	3	0.01	1.74	0
CO27292+	CO27290	15.67	16 1-	4ACSR	0	0	466	226	53	3	3	0.00	1.74	0
CO27291+	CO27292	15.82	15 1-	4ACSR	0	0	460	225	47	3	2	0.01	1.75	0
CO27304+	CO27291	16.02	12 1-	4ACSR	0	0	453	223	43	2	2	0.01	1.76	0
CO27303+	CO27304	16.20	11 1-	4ACSR	0	0	446	221	36	2	2	0.01	1.77	0
CO27208+	CO27303	16.28	1 1-	2ACSR	0	0	444	220	0	0	0	0.00	1.77	0
CO27186+	CO27303	16.26	9 1-	4ACSR	0	0	444	220	29	1	1	0.00	1.78	0
CO27305+	CO27186	16.36	6 1-	4ACSR	0	0	440	219	15	1	1	0.00	1.78	0
CO27306+	CO27305	16.60	6 1-	4ACSR	0	0	432	217	15	1	1	0.00	1.78	0
CO27308+	CO27306	16.71	5 1-	4ACSR	0	0	428	216	12	0	1	0.00	1.78	0
CO27307+	CO27308	16.84	4 1-	4ACSR	0	0	423	215	9	0	0	0.00	1.79	0
CO27312+	CO27307	16.95	3 1-	4ACSR	0	0	420	214	6	0	0	0.00	1.79	0
SW833-B+	CO27312	16.95	0 1-	Open	0	0	420	214	0	0	0	0.00	1.79	0
CO27309+	CO27307	17.11	1 1-	4ACSR	0	0	414	212	3	0	0	0.00	1.79	0
CO27310+	CO27309	17.21	1 1-	4ACSR	0	0	411	212	3	0	0	0.00	1.79	0
CO27197+	CO27186	16.54	2 1-	4ACSR	0	0	434	218	5	0	0	0.00	1.78	0
CO27199+	CO27303	16.34	0 1-	4ACSR	0	0	441	220	0	0	0	0.00	1.77	0
CO27293+	CO27291	15.93	3 1-	4ACSR	0	0	456	224	4	0	0	0.00	1.75	0
CO27294+	CO27293	16.03	3 1-	4ACSR	0	0	452	223	4	0	0	0.00	1.75	0
CO27295+	CO27294	16.10	3 1-	4ACSR	0	0	450	222	4	0	0	0.00	1.75	0
CO27296+	CO27295	16.14	2 1-	2ACSR	0	0	448	222	3	0	0	0.00	1.75	0
CO27297+	CO27296	16.22	2 1-	2ACSR	0	0	446	221	3	0	0	0.00	1.75	0
CO27298+	CO27297	16.28	2 1-	2ACSR	0	0	444	221	3	0	0	0.00	1.75	0
CO27299+	CO27298	16.34	2 1-	2ACSR	0	0	443	220	3	0	0	0.00	1.75	0
CO27300+	CO27299	16.41	2 1-	2ACSR	0	0	441	220	3	0	0	0.00	1.75	0
CO27301+	CO27300	16.46	2 1-	2ACSR	0	0	439	219	3	0	0	0.00	1.75	0
CO27302+	CO27301	16.51	1 1-	2ACSR	0	0	438	219	2	0	0	0.00	1.75	0
CO27288+	CO27286	15.68	3 1-	4ACSR	0	0	466	226	16	1	1	0.00	1.73	0
CO27198+	CO27288	15.72	1 1-	4ACSR	0	0	464	226	5	0	0	0.00	1.73	0
CO27289+	CO27288	15.72	1 1-	4ACSR	0	0	464	226	4	0	0	0.00	1.73	0
CO27211+	CO27285	15.30	1 1-	2ACSR	0	0	482	230	0	0	0	0.00	1.70	0
CO27273+	CO27267	15.23	5 1-	4ACSR	0	0	485	231	24	1	1	0.00	1.69	0
CO27274+	CO27273	15.27	5 1-	4ACSR	0	0	483	230	24	1	1	0.00	1.69	0
CO27200+	CO27274	15.30	0 1-	4ACSR	0	0	482	230	0	0	0	0.00	1.69	0
CO27275+	CO27274	15.34	5 1-	4ACSR	0	0	480	230	24	1	1	0.00	1.69	0
CO27276+	CO27275	15.52	5 1-	4ACSR	0	0	472	228	24	1	1	0.01	1.70	0
CO27279+	CO27276	15.58	3 1-	4ACSR	0	0	470	227	15	1	1	0.00	1.70	0
CO27283+	CO27279	15.62	2 1-	2ACSR	0	0	469	227	3	0	0	0.00	1.70	0
CO27284+	CO27283	15.69	2 1-	2ACSR	0	0	467	226	3	0	0	0.00	1.70	0
CO27616+	CO27284	15.76	2 1-	2ACSR	0	0	464	226	3	0	0	0.00	1.70	0
CO27617+	CO27616	15.83	2 1-	2ACSR	0	0	462	225	3	0	0	0.00	1.70	0
CO27615+	CO27617	15.98	2 1-	2ACSR	0	0	458	224	3	0	0	0.00	1.70	0
CO27614+	CO27615	16.28	2 1-	2ACSR	0	0	448	222	3	0	0	0.00	1.70	0
CO27281+	CO27279	15.66	1 1-	4ACSR	0	0	467	226	12	0	1	0.00	1.70	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27282+	CO27281	15.74	1 1-	4ACSR	0	0	464	225	12	0	1	0.00	1.70	0
CO27280+	CO27282	15.82	1 1-	4ACSR	0	0	461	225	12	0	1	0.00	1.70	0
CO27277+	CO27276	15.58	2 1-	4ACSR	0	0	470	227	10	0	0	0.00	1.70	0
CO27278+	CO27277	15.64	2 1-	4ACSR	0	0	467	226	10	0	0	0.00	1.70	0
CO27459+	CO-419309368	14.20	4 1-	4ACSR	0	0	532	242	14	0	1	0.00	1.48	0
CO27482+	CO27459	14.22	1 1-	4ACSR	0	0	530	241	2	0	0	0.00	1.48	0
CO27661+	CO27459	14.32	3 1-	4ACSR	0	0	526	240	12	0	1	0.00	1.48	0
CO27662+	CO27661	14.43	2 1-	4ACSR	0	0	520	239	5	0	0	0.00	1.48	0
CO27663+	CO27662	14.54	1 1-	4ACSR	0	0	515	238	0	0	0	0.00	1.48	0
CO27664+	CO27663	14.61	0 1-	4ACSR	0	0	511	237	0	0	0	0.00	1.48	0
CO27665+	CO27664	14.77	0 1-	4ACSR	0	0	504	235	0	0	0	0.00	1.48	0
CO-858230844+	CO-1869686288	13.81	1 1-	2ACSR	0	0	549	245	0	0	0	0.00	1.41	0
CO27683+	CO27635	13.02	114 3-	1/0ACSR	769	727	580	251	467	10	5	0.00	1.31	0
OC966+	CO27683	13.02	114 3-	35 E OCR	769	727	580	251	467	10	30	0.00	1.31	0
CO27684+	OC966	13.13	114 3-	1/0ACSR	763	722	575	250	467	10	5	0.01	1.32	7
CO27457+	CO27684	13.27	110 3-	1/0ACSR	756	715	570	249	456	10	5	0.01	1.33	9
CO27471+	CO27457	13.33	109 3-	1/0ACSR	753	712	567	248	455	10	5	0.01	1.34	4
CO27640+	CO27471	13.46	105 3-	1/0ACSR	747	707	562	248	445	10	4	0.01	1.35	8
CO27641+	CO27640	13.50	105 3-	1/0ACSR	745	705	561	247	445	10	4	0.00	1.35	2
CO27454+	CO27641	13.54	104 3-	1/0ACSR	743	703	559	247	437	9	4	0.00	1.35	2
CO27647+	CO27454	13.61	103 3-	1/0ACSR	740	700	556	247	435	9	4	0.01	1.36	4
CO27646+	CO27647	13.68	103 3-	1/0ACSR	737	697	554	246	435	9	4	0.01	1.37	3
XFMR68	CO27646	13.68	102 3-	500 KVA 1PH AUT	813	767	685	161	424	9	28	0.20	1.67	0
CO27679	XFMR68	13.68	18 1-	6ACWC	0	0	684	161	98	13	10	0.00	1.57	0
OC839	CO27679	13.68	18 1-	15 H OCR	0	0	684	161	98	13	89	0.00	1.57	0
CO27680	OC839	13.71	18 1-	6ACWC	0	0	680	161	98	13	10	0.02	1.58	3
CO27648	CO27680	13.93	18 1-	6ACWC	0	0	649	159	98	13	10	0.13	1.72	21
CO27649	CO27648	14.27	16 1-	6ACWC	0	0	606	155	95	12	9	0.20	1.91	30
CO27476	CO27649	14.32	1 1-	6ACWC	0	0	601	155	8	1	1	0.00	1.91	0
CO27455	CO27649	14.39	14 1-	6ACWC	0	0	592	154	85	11	8	0.06	1.97	8
CO27477	CO27455	14.44	1 1-	6ACWC	0	0	587	154	10	1	1	0.00	1.98	0
CO27650	CO27455	14.54	13 1-	6ACWC	0	0	575	153	75	10	7	0.07	2.04	8
CO27651	CO27650	14.61	12 1-	6ACWC	0	0	568	152	74	10	7	0.03	2.07	4
CO30403	CO27651	14.82	11 1-	6ACWC	0	0	546	151	66	9	6	0.08	2.15	8
CO27913	CO30403	14.91	10 1-	6ACWC	0	0	537	150	58	7	6	0.03	2.19	3
CO27841	CO27913	15.14	0 1-	6ACWC	0	0	515	148	0	0	0	0.00	2.19	0
CO27914	CO27913	15.02	10 1-	6ACWC	0	0	527	149	58	7	6	0.03	2.22	3
CO27915	CO27914	15.13	8 1-	6ACWC	0	0	516	148	49	6	5	0.03	2.25	3
CO27916	CO27915	15.18	7 1-	6ACWC	0	0	512	148	46	6	5	0.01	2.27	0
CO27917	CO27916	15.32	7 1-	6ACWC	0	0	499	146	46	6	5	0.04	2.31	3
CO27918	CO27917	15.46	7 1-	6ACWC	0	0	487	145	46	6	5	0.04	2.35	3
CO27919	CO27918	15.52	7 1-	6ACWC	0	0	482	145	46	6	5	0.02	2.36	0
CO27920	CO27919	15.58	6 1-	6ACWC	0	0	478	144	44	5	4	0.02	2.38	0
CO27921	CO27920	15.68	6 1-	6ACWC	0	0	469	144	44	5	4	0.03	2.41	0
CO27922	CO27921	15.74	6 1-	6ACWC	0	0	465	143	44	5	4	0.01	2.42	0
CO27923	CO27922	15.79	5 1-	6ACWC	0	0	461	143	41	5	4	0.01	2.43	0
CO27829	CO27923	15.94	4 1-	6ACWC	0	0	450	142	34	4	3	0.02	2.46	0
CO27843	CO27829	16.05	2 1-	6ACWC	0	0	442	141	8	1	1	0.00	2.46	0
CO27924	CO27829	16.09	1 1-	6ACWC	0	0	439	140	9	1	1	0.01	2.47	0
CO27925	CO27924	16.14	1 1-	6ACWC	0	0	435	140	9	1	1	0.00	2.47	0
CO27926	CO27925	16.30	1 1-	4ACSR	0	0	425	139	9	1	1	0.01	2.48	0
CO27982	CO27926	16.47	1 1-	4ACSR	0	0	414	138	9	1	1	0.00	2.48	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SW860-B	CO27982	16.47	0 1-	Open	0	0	414	138	0	0	0	0.00	2.48	0
CO27842	CO27923	15.87	1 1-	6ACWC	0	0	455	142	7	0	1	0.00	2.44	0
CO30408	CO27651	14.73	1 1-	6ACWC	0	0	556	151	8	1	1	0.00	2.08	0
CO27652	XFMR68	13.71	84 1-	6ACWC	0	0	680	161	326	44	32	0.07	2.14	36
CO27653	CO27652	13.76	83 1-	6ACWC	0	0	673	160	318	43	31	0.09	2.23	48
CO36281948	CO27653	13.80	1 1-	2ACSR	0	0	668	160	11	1	1	0.00	2.24	0
CO27654	CO27653	13.96	80 1-	6ACWC	0	0	646	158	297	40	29	0.37	2.60	176
CO27655	CO27654	14.14	79 1-	6ACWC	0	0	623	157	289	39	28	0.32	2.92	149
CO30402	CO27655	14.43	76 1-	6ACWC	0	0	588	154	286	39	28	0.51	3.43	237
CO27832	CO30402	14.54	37 1-	6ACWC	0	0	576	153	118	16	12	0.08	3.51	16
CO27950	CO27832	14.58	35 1-	6ACWC	0	0	571	153	114	15	11	0.03	3.54	5
CO30412	CO27950	14.81	34 1-	6ACWC	0	0	547	151	104	14	10	0.15	3.69	25
CO27998	CO30412	14.93	32 1-	6ACWC	0	0	535	150	101	14	10	0.08	3.76	13
CO27999	CO27998	15.00	31 1-	6ACWC	0	0	529	149	100	13	10	0.04	3.80	6
CO27990	CO27999	15.17	16 1-	6ACWC	0	0	512	148	51	7	5	0.06	3.86	5
CO30413	CO27990	15.36	14 1-	6ACWC	0	0	496	146	44	6	4	0.05	3.91	3
CO27704	CO30413	15.43	10 1-	6ACWC	0	0	489	146	27	3	3	0.01	3.92	0
CO30447	CO27704	15.53	3 1-	6ACWC	0	0	481	145	12	1	1	0.00	3.92	0
CO27672	CO30447	15.58	1 1-	6ACWC	0	0	477	144	2	0	0	0.00	3.92	0
CO27671	CO27672	15.62	1 1-	6ACWC	0	0	474	144	2	0	0	0.00	3.92	0
CO27705	CO27704	15.53	7 1-	6ACWC	0	0	482	145	16	2	2	0.01	3.93	0
CO27797	CO27705	15.60	2 1-	6ACWC	0	0	475	144	6	0	1	0.00	3.93	0
CO27798	CO27797	15.64	1 1-	6ACWC	0	0	473	144	6	0	1	0.00	3.93	0
CO27799	CO27798	15.71	1 1-	6ACWC	0	0	467	143	6	0	1	0.00	3.93	0
CO30448	CO27705	15.60	3 1-	6ACWC	0	0	475	144	6	0	1	0.00	3.93	0
CO27789	CO30413	15.49	2 1-	4ACSR	0	0	485	145	0	0	0	0.00	3.91	0
CO27790	CO27789	15.67	2 1-	4ACSR	0	0	470	144	0	0	0	0.00	3.91	0
CO27794	CO27790	15.73	1 1-	4ACSR	0	0	465	143	0	0	0	0.00	3.91	0
CO27795	CO27794	15.83	1 1-	4ACSR	0	0	457	142	0	0	0	0.00	3.91	0
CO27796	CO27795	15.93	1 1-	4ACSR	0	0	450	142	0	0	0	0.00	3.91	0
CO27791	CO27790	15.73	1 1-	4ACSR	0	0	465	143	0	0	0	0.00	3.91	0
CO27792	CO27791	15.79	1 1-	4ACSR	0	0	460	143	0	0	0	0.00	3.91	0
CO27793	CO27792	15.84	1 1-	4ACSR	0	0	457	142	0	0	0	0.00	3.91	0
CO27726	CO30413	15.42	1 1-	2ACSR	0	0	492	146	10	1	1	0.00	3.91	0
CO28000	CO27990	15.21	2 1-	6ACWC	0	0	509	147	7	0	1	0.00	3.86	0
CO27997	CO28000	15.22	1 1-	6ACWC	0	0	508	147	0	0	0	0.00	3.86	0
CO28001	CO28000	15.23	1 1-	6ACWC	0	0	507	147	7	0	1	0.00	3.86	0
CO28002	CO27999	15.07	14 1-	6ACWC	0	0	521	148	45	6	4	0.02	3.82	0
CO28003	CO28002	15.23	13 1-	6ACWC	0	0	507	147	38	5	4	0.04	3.86	2
CO30454	CO28003	15.53	12 1-	6ACWC	0	0	482	145	38	5	4	0.07	3.93	4
CO27721	CO30454	15.70	0 1-	6ACWC	0	0	468	143	0	0	0	0.00	3.93	0
CO27707	CO30454	15.76	10 1-	6ACWC	0	0	464	143	31	4	3	0.04	3.98	2
CO27720	CO27707	15.94	0 1-	6ACWC	0	0	450	142	0	0	0	0.00	3.98	0
CO27706	CO27707	16.07	10 1-	6ACWC	0	0	440	141	31	4	3	0.06	4.04	3
CO27708	CO27706	16.17	10 1-	6ACWC	0	0	434	140	31	4	3	0.02	4.06	0
CO27803	CO27708	16.35	10 1-	6ACWC	0	0	421	138	31	4	3	0.04	4.09	0
CO27804	CO27803	16.75	10 1-	6ACWC	0	0	397	136	31	4	3	0.08	4.17	4
CO27809	CO27804	16.82	4 1-	6ACWC	0	0	393	135	21	2	2	0.01	4.18	0
CO27810	CO27809	16.96	2 1-	6ACWC	0	0	385	134	15	2	2	0.01	4.19	0
CO27811	CO27810	17.01	1 1-	6ACWC	0	0	383	134	8	1	1	0.00	4.19	0
CO27812	CO27811	17.06	1 1-	6ACWC	0	0	380	133	8	1	1	0.00	4.19	0
CO27805	CO27804	16.81	6 1-	6ACWC	0	0	394	135	10	1	1	0.00	4.17	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27807	CO27805	16.86	3 1-	6ACWC	0	0	391	135	5	0	0	0.00	4.17	0
CO27808	CO27807	16.90	1 1-	6ACWC	0	0	388	135	0	0	0	0.00	4.17	0
CO27806	CO27805	16.84	2 1-	6ACWC	0	0	392	135	3	0	0	0.00	4.17	0
CO27813	CO27708	16.34	0 1-	6ACWC	0	0	422	139	0	0	0	0.00	4.06	0
CO27814	CO27813	16.57	0 1-	6ACWC	0	0	408	137	0	0	0	0.00	4.06	0
CO27824	CO27706	16.08	0 1-	4ACSR	0	0	440	141	0	0	0	0.00	4.04	0
SW852-A	CO27824	16.08	0 1-	Open	0	0	440	141	0	0	0	0.00	4.04	0
CO27800	CO30454	15.63	2 1-	6ACWC	0	0	473	144	7	0	1	0.00	3.94	0
CO27801	CO27800	15.75	2 1-	6ACWC	0	0	464	143	7	0	1	0.00	3.94	0
CO27802	CO27801	15.77	1 1-	6ACWC	0	0	462	143	6	0	1	0.00	3.94	0
CO27996	CO28003	15.26	1 1-	6ACWC	0	0	504	147	0	0	0	0.00	3.86	0
CO27995	CO30412	14.86	2 1-	6ACWC	0	0	542	150	3	0	0	0.00	3.69	0
CO27850	CO27832	14.59	2 1-	4ACSR	0	0	571	153	4	0	0	0.00	3.51	0
CO27973	CO30402	14.44	39 1-	6ACWC	0	0	588	154	167	23	17	0.01	3.44	0
OC855	CO27973	14.44	39 1-	35 H OCR	0	0	588	154	167	23	66	0.00	3.44	0
CO27974	OC855	14.49	39 1-	6ACWC	0	0	582	154	167	23	17	0.05	3.49	14
CO27953	CO27974	14.76	39 1-	6ACWC	0	0	552	151	167	23	17	0.29	3.77	78
CO27952	CO27953	14.97	39 1-	6ACWC	0	0	531	149	166	23	17	0.22	3.99	59
CO27951	CO27952	15.21	39 1-	6ACWC	0	0	508	147	166	23	17	0.25	4.24	68
CO27827	CO27951	15.54	33 1-	6ACWC	0	0	481	145	148	20	15	0.30	4.54	72
CO27839	CO27827	15.57	0 1-	6ACWC	0	0	478	144	0	0	0	0.00	4.54	0
CO27959	CO27827	15.61	33 1-	6ACWC	0	0	475	144	147	20	15	0.07	4.61	17
CO27960	CO27959	15.69	33 1-	6ACWC	0	0	469	144	147	20	15	0.07	4.67	16
CO27828	CO27960	15.82	1 1-	6ACWC	0	0	459	142	18	2	2	0.01	4.69	0
CO27961	CO27828	16.03	1 1-	6ACWC	0	0	443	141	18	2	2	0.02	4.71	0
CO-651747854	CO27961	16.18	1 1-	2ACSR	0	0	435	140	18	2	1	0.01	4.72	0
CO1080712817	CO-651747854	16.29	1 1-	2ACSR	0	0	429	140	18	2	1	0.00	4.73	0
CO187874155	CO-651747854	16.25	0 1-	2ACSR	0	0	431	140	0	0	0	0.00	4.72	0
CO27840	CO27828	15.92	0 1-	6ACWC	0	0	452	142	0	0	0	0.00	4.69	0
CO27963	CO27960	15.75	30 1-	6ACWC	0	0	464	143	121	16	12	0.04	4.71	8
CO27964	CO27963	15.80	28 1-	6ACWC	0	0	460	143	106	14	11	0.04	4.75	6
CO27965	CO27964	16.03	26 1-	6ACWC	0	0	443	141	103	14	10	0.14	4.89	24
CO-1405203418	CO27965	16.10	1 1-	2ACSR	0	0	439	140	2	0	0	0.00	4.89	0
CO27969	CO27965	16.18	23 1-	6ACWC	0	0	433	140	90	12	9	0.08	4.97	12
CO27970	CO27969	16.36	22 1-	6ACWC	0	0	421	138	79	11	8	0.09	5.06	12
CO27968	CO27970	16.50	22 1-	6ACWC	0	0	412	137	79	11	8	0.07	5.13	9
CO27851	CO27968	16.54	0 1-	6ACWC	0	0	410	137	0	0	0	0.00	5.13	0
CO27972	CO27968	16.52	21 1-	6ACWC	0	0	411	137	79	11	8	0.01	5.14	0
CO30415	CO27972	16.73	20 1-	6ACWC	0	0	398	136	72	10	7	0.10	5.24	12
CO30416	CO30415	16.83	2 1-	6ACWC	0	0	393	135	10	1	1	0.00	5.24	0
CO28009	CO30415	16.83	17 1-	6ACWC	0	0	393	135	62	8	6	0.04	5.27	4
CO28010	CO28009	16.92	16 1-	6ACWC	0	0	388	134	60	8	6	0.04	5.31	3
CO27994	CO28010	17.01	0 1-	6ACWC	0	0	383	134	0	0	0	0.00	5.31	0
CO28004	CO28010	17.05	12 1-	6ACWC	0	0	380	134	52	7	5	0.04	5.35	3
CO28005	CO28004	17.07	11 1-	6ACWC	0	0	379	133	45	6	4	0.00	5.35	0
CO-2067992902	CO28005	17.11	0 1-	2ACSR	0	0	378	133	0	0	0	0.00	5.35	0
CO30462	CO28005	17.20	9 1-	6ACWC	0	0	372	133	30	4	3	0.02	5.38	0
CO30285	CO30462	17.39	7 1-	6ACWC	0	0	363	131	19	2	2	0.02	5.40	0
CO30286	CO30285	17.45	7 1-	6ACWC	0	0	360	131	19	2	2	0.01	5.41	0
CO30284	CO30286	17.50	6 1-	6ACWC	0	0	358	131	19	2	2	0.01	5.41	0
CO30287	CO30284	17.55	5 1-	6ACWC	0	0	356	130	18	2	2	0.01	5.42	0
CO30288	CO30287	17.67	5 1-	6ACWC	0	0	350	129	18	2	2	0.01	5.43	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30283	CO30288	17.76	4 1-	2ACSR	0	0	347	129	18	2	1	0.01	5.44	0
CO30289	CO30283	17.82	3 1-	2ACSR	0	0	344	129	6	0	1	0.00	5.44	0
CO30290	CO30289	17.86	1 1-	2ACSR	0	0	343	129	2	0	0	0.00	5.44	0
CO30291	CO30290	17.91	1 1-	2ACSR	0	0	341	128	2	0	0	0.00	5.44	0
CO30282	CO30283	17.85	1 1-	2ACSR	0	0	344	129	12	1	1	0.00	5.44	0
CO30281	CO30462	17.30	1 1-	6ACWC	0	0	368	132	6	0	1	0.00	5.38	0
CO28007	CO28010	16.96	1 1-	6ACWC	0	0	386	134	3	0	0	0.00	5.31	0
CO28008	CO28007	17.03	1 1-	6ACWC	0	0	381	134	3	0	0	0.00	5.31	0
CO28006	CO28010	17.00	1 1-	4ACSR	0	0	383	134	2	0	0	0.00	5.31	0
CO30516	CO28006	17.11	1 1-	4ACSR	0	0	377	133	2	0	0	0.00	5.31	0
CO27971	CO27968	16.61	1 1-	6ACWC	0	0	406	137	0	0	0	0.00	5.13	0
CO30414	CO27971	16.74	1 1-	6ACWC	0	0	398	136	0	0	0	0.00	5.13	0
CO27966	CO27965	16.06	1 1-	2ACSR	0	0	442	141	5	0	0	0.00	4.89	0
CO27967	CO27966	16.16	1 1-	2ACSR	0	0	436	140	5	0	0	0.00	4.90	0
CO27956	CO27827	15.58	0 1-	6ACWC	0	0	477	144	0	0	0	0.00	4.54	0
CO27957	CO27956	15.70	0 1-	6ACWC	0	0	468	143	0	0	0	0.00	4.54	0
CO27958	CO27957	15.77	0 1-	6ACWC	0	0	462	143	0	0	0	0.00	4.54	0
CO27826	CO27951	15.38	4 1-	6ACWC	0	0	494	146	12	1	1	0.01	4.25	0
CO27954	CO27826	15.46	1 1-	4ACSR	0	0	487	145	3	0	0	0.00	4.25	0
CO27955	CO27954	15.56	1 1-	4ACSR	0	0	479	145	3	0	0	0.00	4.25	0
CO27847	CO27826	15.41	2 1-	4ACSR	0	0	491	146	5	0	0	0.00	4.25	0
CO27838	CO27826	15.42	1 1-	4ACSR	0	0	491	146	5	0	1	0.00	4.25	0
CO27656	CO27655	14.20	2 1-	6ACWC	0	0	615	156	3	0	0	0.00	2.92	0
CO30452	CO27656	14.31	1 1-	6ACWC	0	0	602	155	2	0	0	0.00	2.92	0
CO27642+	CO27641	13.59	1 1-	4ACSR	0	0	556	246	7	0	0	0.00	1.35	0
CO27643+	CO27642	13.64	0 1-	4ACSR	0	0	553	246	0	0	0	0.00	1.35	0
CO27644+	CO27643	13.73	0 1-	4ACSR	0	0	548	245	0	0	0	0.00	1.35	0
CO27645+	CO27644	13.76	0 1-	4ACSR	0	0	546	244	0	0	0	0.00	1.35	0
CO27479+	CO27471	13.47	3 1-	4ACSR	0	0	560	247	4	0	0	0.00	1.34	0
CO27636+	CO27684	13.28	4 1-	6ACWC	0	0	567	248	10	0	0	0.00	1.32	0
CO27637+	CO27636	13.42	3 1-	6ACWC	0	0	559	246	7	0	0	0.00	1.32	0
CO27481+	CO27637	13.48	0 1-	6ACWC	0	0	555	246	0	0	0	0.00	1.32	0
CO27458+	CO27637	13.70	3 1-	6ACWC	0	0	544	243	7	0	0	0.00	1.32	0
CO27638+	CO27458	13.81	2 1-	6ACWC	0	0	538	242	5	0	0	0.00	1.32	0
CO27639+	CO27638	13.86	1 1-	6ACWC	0	0	535	241	0	0	0	0.00	1.32	0
CO27480+	CO27458	13.87	0 1-	6ACWC	0	0	534	241	0	0	0	0.00	1.32	0
CO27627+	CO27626	12.62	3 1-	4ACSR	0	0	593	252	23	1	1	0.00	1.20	0
CO27628+	CO27627	12.69	2 1-	4ACSR	0	0	588	251	19	1	1	0.00	1.20	0
CO-1170793196+	CO27628	12.77	1 1-	2ACSR	0	0	584	251	10	0	0	0.00	1.20	0
CO27475+	CO27453	12.42	2 1-	4ACSR	0	0	602	254	2	0	0	0.00	1.16	0
CO27474+	CO27624	12.34	1 1-	4ACSR	0	0	606	255	1	0	0	0.00	1.16	0
CO27501+	CO27468	11.28	1 1-	4ACSR	0	0	657	262	0	0	0	0.00	0.95	0
CO27677+	CO27575	11.04	28 1-	4ACSR	0	0	670	264	92	6	4	0.00	0.91	0
OC838+	CO27677	11.04	28 1-	E OCR	0	0	670	264	92	6	25	0.00	0.91	0
CO27678+	OC838	11.07	28 1-	4ACSR	0	0	668	264	92	6	4	0.00	0.92	0
CO2048340852+	CO27678	11.13	1 1-	2ACSR	0	0	664	263	7	0	0	0.00	0.92	0
CO27579+	CO27678	11.17	26 1-	4ACSR	0	0	659	262	80	5	4	0.01	0.93	0
CO27580+	CO27579	11.22	26 1-	4ACSR	0	0	656	261	80	5	4	0.01	0.94	0
CO27508+	CO27580	11.33	1 1-	2ACSR	0	0	649	260	2	0	0	0.00	0.94	0
CO27578+	CO27580	11.28	23 1-	4ACSR	0	0	651	261	72	4	3	0.01	0.94	0
CO27498+	CO27578	11.30	1 1-	4ACSR	0	0	650	260	3	0	0	0.00	0.94	0
CO27581+	CO27578	11.42	21 1-	4ACSR	0	0	641	259	69	4	3	0.02	0.96	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27582+	CO27581	11.45	20 1-	4ACSR	0	0	639	258	67	4	3	0.00	0.96	0
CO27583+	CO27582	11.51	20 1-	4ACSR	0	0	634	258	67	4	3	0.01	0.97	0
CO27497+	CO27583	11.55	0 1-	4ACSR	0	0	632	257	0	0	0	0.00	0.97	0
CO27584+	CO27583	11.67	20 1-	4ACSR	0	0	623	256	67	4	3	0.02	0.98	0
CO27585+	CO27584	12.07	20 1-	4ACSR	0	0	596	250	67	4	3	0.04	1.02	4
CO27586+	CO27585	12.17	19 1-	4ACSR	0	0	589	249	57	3	3	0.01	1.03	0
CO27466+	CO27586	12.24	17 1-	4ACSR	0	0	585	248	53	3	3	0.01	1.04	0
CO27592+	CO27466	12.27	13 1-	4ACSR	0	0	583	248	49	3	2	0.00	1.04	0
CO27593+	CO27592	12.38	12 1-	4ACSR	0	0	576	247	46	3	2	0.01	1.05	0
CO27594+	CO27593	12.65	11 1-	4ACSR	0	0	560	244	46	3	2	0.02	1.06	0
CO27509+	CO27594	12.73	1 1-	2ACSR	0	0	557	243	5	0	0	0.00	1.06	0
CO27595+	CO27594	12.70	8 1-	4ACSR	0	0	558	243	36	2	2	0.00	1.07	0
CO27596+	CO27595	12.77	8 1-	4ACSR	0	0	553	242	36	2	2	0.00	1.07	0
CO27597+	CO27596	12.85	8 1-	4ACSR	0	0	549	241	36	2	2	0.00	1.07	0
CO27598+	CO27597	13.04	8 1-	4ACSR	0	0	539	239	36	2	2	0.01	1.08	0
CO27608+	CO27598	13.23	6 1-	4ACSR	0	0	528	237	33	2	2	0.01	1.09	0
CO27609+	CO27608	13.26	6 1-	4ACSR	0	0	527	237	33	2	2	0.00	1.10	0
CO27610+	CO27609	13.29	5 1-	4ACSR	0	0	525	236	33	2	2	0.00	1.10	0
CO30573+	CO27610	13.32	4 1-	4ACSR	0	0	524	236	29	1	1	0.00	1.10	0
CO27611+	CO30573	13.40	4 1-	4ACSR	0	0	520	235	29	1	1	0.00	1.10	0
CO27484+	CO27611	13.43	1 1-	4ACSR	0	0	518	235	3	0	0	0.00	1.10	0
CO27612+	CO27611	13.44	3 1-	4ACSR	0	0	518	235	27	1	1	0.00	1.10	0
CO27613+	CO27612	13.47	2 1-	4ACSR	0	0	516	234	23	1	1	0.00	1.10	0
CO27599+	CO27598	13.09	1 1-	4ACSR	0	0	536	239	0	0	0	0.00	1.08	0
CO27600+	CO27599	13.16	0 1-	4ACSR	0	0	532	238	0	0	0	0.00	1.08	0
CO27478+	CO27595	12.72	0 1-	4ACSR	0	0	556	243	0	0	0	0.00	1.07	0
CO27589+	CO27466	12.37	4 1-	4ACSR	0	0	577	247	4	0	0	0.00	1.04	0
CO27590+	CO27589	12.40	4 1-	4ACSR	0	0	575	246	4	0	0	0.00	1.04	0
CO27591+	CO27590	12.79	2 1-	4ACSR	0	0	552	242	0	0	0	0.00	1.04	0
CO30451+	CO27591	13.09	1 1-	4ACSR	0	0	536	238	0	0	0	0.00	1.04	0
CO27506+	CO27586	12.22	0 1-	2ACSR	0	0	587	249	0	0	0	0.00	1.03	0
CO27587+	CO27586	12.38	2 1-	4ACSR	0	0	576	247	4	0	0	0.00	1.03	0
CO27588+	CO27587	12.50	1 1-	4ACSR	0	0	569	245	3	0	0	0.00	1.03	0
CO27496+	CO27587	12.44	0 1-	4ACSR	0	0	573	246	0	0	0	0.00	1.03	0
CO27507+	CO27574	10.99	1 1-	2ACSR	0	0	672	264	0	0	0	0.00	0.89	0
CO27576+	CO27688	11.01	1 1-	2ACSR	0	0	670	264	0	0	0	0.00	0.89	0
CO27577+	CO27576	11.07	1 1-	2ACSR	0	0	667	263	0	0	0	0.00	0.89	0
CO27572+	CO27567	10.70	2 1-	2ACSR	0	0	688	266	1	0	0	0.00	0.83	0
CO27573+	CO27572	10.84	2 1-	2ACSR	0	0	679	265	1	0	0	0.00	0.83	0
CO-1473922728+	CO27573	10.87	1 1-	1/0PRIURD	0	0	677	451	1	0	0	0.00	0.83	0
CO-819648525+	CO-1473922728	11.00	1 1-	1/0PRIURD	0	0	670	448	1	0	0	0.00	0.83	0
CO27561+	CO27557	10.47	374 3-	1/0ACSR	919	868	701	268	1734	39	17	0.04	0.80	110
CO27562+	CO27561	10.52	373 3-	1/0ACSR	916	864	698	268	1732	39	17	0.02	0.82	46
CO27560+	CO27562	10.57	371 3-	1/0ACSR	913	862	696	267	1728	39	17	0.01	0.84	38
CO27469+	CO27560	10.59	370 3-	1/0ACSR	911	860	694	267	1724	39	17	0.01	0.85	25
CO27563+	CO27469	10.63	369 3-	1/0ACSR	908	857	692	267	1721	39	17	0.01	0.86	30
CO27564+	CO27563	10.69	368 3-	1/0ACSR	904	854	689	266	1713	38	17	0.02	0.88	52
CO30407+	CO27564	10.80	255 3-	1/0ACSR	897	847	683	266	1187	26	12	0.02	0.90	44
CO27881+	CO30407	10.88	255 3-	1/0ACSR	892	842	679	265	1187	26	12	0.02	0.92	34
CO27882+	CO27881	11.00	254 3-	1/0ACSR	884	834	672	264	1183	26	12	0.03	0.95	49
CO27883+	CO27882	11.09	253 3-	1/0ACSR	878	829	667	264	1181	26	12	0.02	0.97	39
CO27884+	CO27883	11.19	253 3-	1/0ACSR	872	823	662	263	1181	26	12	0.02	0.99	39

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27833+	CO27884	11.31	252 3-	1/0ACSR	864	816	656	262	1170	26	12	0.03	1.02	50
CO27860+	CO27833	11.40	2 1-	4ACSR	0	0	649	261	4	0	0	0.00	1.02	0
CO27885+	CO27833	11.39	250 3-	1/0ACSR	859	811	652	261	1166	26	11	0.02	1.04	32
CO27886+	CO27885	11.47	249 3-	1/0ACSR	854	807	648	261	1163	26	11	0.02	1.06	31
CO27887+	CO27886	11.51	248 3-	1/0ACSR	851	804	646	261	1162	26	11	0.01	1.07	18
CO27888+	CO27887	11.67	247 3-	1/0ACSR	842	795	639	260	1159	26	11	0.04	1.10	61
CO27858+	CO27888	11.80	1 1-	4ACSR	0	0	629	258	9	0	0	0.00	1.10	0
CO27834+	CO27888	11.86	246 3-	1/0ACSR	831	785	630	258	1150	26	11	0.04	1.15	74
CO27977+	CO27834	11.86	58 1-	4ACSR	0	0	629	258	223	15	11	0.00	1.15	0
OC854+	CO27977	11.86	58 1-	50 H OCR	0	0	629	258	223	15	30	0.00	1.15	0
XFMR67	OC854	11.86	58 1-	333 KVA 1PH AUT	0	0	691	163	223	15	66	0.55	1.70	0
CO27978	XFMR67	11.96	58 1-	4ACSR	0	0	677	162	223	30	22	0.13	1.83	48
CO27889	CO27978	12.06	57 1-	4ACSR	0	0	663	161	220	30	22	0.14	1.97	51
CO27890	CO27889	12.39	57 1-	4ACSR	0	0	622	158	220	30	22	0.44	2.41	157
CO27975	CO27890	12.39	3 1-	4ACSR	0	0	621	158	9	1	1	0.00	2.41	0
OC853	CO27975	12.39	3 1-	25 H OCR	0	0	621	158	9	1	5	0.00	2.41	0
CO27976	OC853	12.63	3 1-	4ACSR	0	0	593	155	9	1	1	0.01	2.43	0
CO27903	CO27976	12.89	3 1-	4ACSR	0	0	564	153	9	1	1	0.01	2.44	0
CO27904	CO27903	12.98	3 1-	4ACSR	0	0	554	152	9	1	1	0.01	2.45	0
CO27835	CO27904	13.40	1 1-	4ACSR	0	0	514	149	0	0	0	0.00	2.45	0
CO27859	CO27835	13.45	1 1-	4ACSR	0	0	510	148	0	0	0	0.00	2.45	0
CO27907	CO27835	13.57	0 1-	4ACSR	0	0	499	147	0	0	0	0.00	2.45	0
CO27908	CO27907	13.78	0 1-	4ACSR	0	0	481	145	0	0	0	0.00	2.45	0
CO27905	CO27904	13.31	2 1-	4ACSR	0	0	523	149	9	1	1	0.01	2.46	0
CO27906	CO27905	13.54	1 1-	4ACSR	0	0	501	147	6	0	1	0.00	2.47	0
CO1173962423	CO27906	13.59	0 1-	2ACSR	0	0	498	147	0	0	0	0.00	2.47	0
CO27911	CO27890	12.56	54 1-	4ACSR	0	0	601	156	211	28	21	0.22	2.64	77
CO27912	CO27911	12.59	54 1-	4ACSR	0	0	598	156	210	28	21	0.04	2.68	14
CO27910	CO27912	12.72	53 1-	4ACSR	0	0	583	155	199	27	20	0.16	2.84	51
CO27909	CO27910	12.98	52 1-	4ACSR	0	0	555	152	197	27	19	0.32	3.16	102
CO27981	CO27909	12.98	0 1-	4ACSR	0	0	555	152	0	0	0	0.00	3.16	0
SW860-A	CO27981	12.98	0 1-	Open	0	0	555	152	0	0	0	0.00	3.16	0
CO27927	CO27909	13.07	52 1-	4ACSR	0	0	545	151	197	27	19	0.12	3.28	39
CO27849	CO27927	13.11	1 1-	6ACSR	0	0	540	151	0	0	0	0.00	3.28	0
CO27928	CO27927	13.13	51 1-	4ACSR	0	0	540	151	197	27	19	0.06	3.34	21
CO27933	CO27928	13.20	1 1-	4ACSR	0	0	533	150	1	0	0	0.00	3.34	0
CO27929	CO27928	13.25	49 1-	4ACSR	0	0	529	150	192	26	19	0.14	3.49	44
CO27930	CO27929	13.31	46 1-	4ACSR	0	0	522	149	188	26	19	0.08	3.56	24
CO27931	CO27930	13.35	44 1-	4ACSR	0	0	518	149	185	25	18	0.05	3.61	15
CO27932	CO27931	13.38	44 1-	4ACSR	0	0	516	149	185	25	18	0.03	3.65	10
CO27937	CO27932	13.47	41 1-	4ACSR	0	0	508	148	168	23	17	0.09	3.74	25
CO27938	CO27937	13.55	40 1-	4ACSR	0	0	500	147	168	23	17	0.09	3.82	24
CO27830	CO27938	13.84	39 1-	4ACSR	0	0	477	145	164	22	16	0.29	4.12	79
CO30457	CO27830	14.02	1 1-	4ACSR	0	0	462	144	7	0	1	0.01	4.12	0
CO30257	CO30457	14.05	1 1-	4ACSR	0	0	460	143	7	0	1	0.00	4.13	0
CO30100	CO30457	14.07	0 1-	4ACSR	0	0	459	143	0	0	0	0.00	4.12	0
CO27939	CO27830	13.86	38 1-	4ACSR	0	0	475	145	157	21	16	0.02	4.14	5
CO27940	CO27939	13.89	38 1-	4ACSR	0	0	473	145	157	21	16	0.03	4.17	7
CO27941	CO27940	13.93	37 1-	4ACSR	0	0	469	144	152	21	15	0.04	4.21	11
CO27942	CO27941	13.97	36 1-	4ACSR	0	0	466	144	145	20	14	0.03	4.24	8
CO30458	CO27942	14.05	34 1-	4ACSR	0	0	460	143	138	19	14	0.06	4.31	14
CO30157	CO30458	14.12	33 1-	4ACSR	0	0	455	143	131	18	13	0.06	4.37	13

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30158	CO30157	14.22	33 1-	4ACSR	0	0	448	142	131	18	13	0.08	4.45	17
CO30159	CO30158	14.26	32 1-	4ACSR	0	0	445	142	124	17	12	0.03	4.48	6
CO30113	CO30159	14.30	1 1-	4ACSR	0	0	442	141	10	1	1	0.00	4.48	0
CO30101	CO30159	14.33	1 1-	4ACSR	0	0	440	141	10	1	1	0.00	4.48	0
CO30160	CO30159	14.29	30 1-	4ACSR	0	0	443	141	104	14	10	0.02	4.50	4
CO30161	CO30160	14.37	29 1-	4ACSR	0	0	437	141	104	14	10	0.05	4.55	9
CO30102	CO30161	14.41	1 1-	4ACSR	0	0	434	140	2	0	0	0.00	4.55	0
CO30162	CO30161	14.46	28 1-	4ACSR	0	0	431	140	102	14	10	0.06	4.61	10
CO30163	CO30162	14.53	22 1-	4ACSR	0	0	426	140	77	10	8	0.03	4.64	4
CO30092	CO30163	14.57	22 1-	4ACSR	0	0	423	139	77	10	8	0.02	4.67	3
CO30169	CO30092	14.67	21 1-	4ACSR	0	0	417	139	73	10	7	0.04	4.71	5
CO30170	CO30169	14.73	20 1-	4ACSR	0	0	413	138	66	9	7	0.03	4.73	3
CO30168	CO30170	14.78	19 1-	4ACSR	0	0	410	138	61	8	6	0.02	4.75	0
CO30167	CO30168	14.81	19 1-	4ACSR	0	0	408	137	61	8	6	0.01	4.76	0
CO30166	CO30167	14.91	17 1-	4ACSR	0	0	403	137	58	8	6	0.04	4.80	3
CO30093	CO30166	14.98	16 1-	4ACSR	0	0	398	136	53	7	5	0.03	4.82	2
CO30094	CO30093	15.03	15 1-	4ACSR	0	0	395	136	47	6	5	0.01	4.84	0
CO30172	CO30094	15.07	4 1-	4ACSR	0	0	393	136	19	2	2	0.00	4.84	0
CO30173	CO30172	15.29	3 1-	4ACSR	0	0	381	134	15	2	1	0.02	4.86	0
CO30130	CO30173	15.35	1 1-	4ACSR	0	0	377	134	4	0	0	0.00	4.86	0
CO30171	CO30173	15.35	1 1-	4ACSR	0	0	378	134	4	0	0	0.00	4.86	0
CO30174	CO30171	15.37	1 1-	4ACSR	0	0	377	134	4	0	0	0.00	4.86	0
CO30277	CO30174	15.38	0 1-	4ACSR	0	0	376	133	0	0	0	0.00	4.86	0
CO30276	CO30277	15.39	0 1-	4ACSR	0	0	376	133	0	0	0	0.00	4.86	0
SW940-A	CO30276	15.39	0 1-	Open	0	0	376	133	0	0	0	0.00	4.86	0
CO30107	CO30094	15.07	11 1-	4ACSR	0	0	393	136	28	3	3	0.01	4.84	0
CO30106	CO30107	15.34	10 1-	4ACSR	0	0	378	134	26	3	3	0.05	4.89	0
CO-2041076859	CO30106	15.37	8 1-	2ACSR	0	0	377	134	26	3	2	0.00	4.89	0
CO30164	CO-2041076859	15.63	8 1-	4ACSR	0	0	364	132	26	3	3	0.04	4.94	0
CO30129	CO30164	15.75	1 1-	2ACSR	0	0	359	131	3	0	0	0.00	4.94	0
CO30127	CO30164	15.68	1 1-	2ACSR	0	0	362	132	6	0	1	0.00	4.94	0
CO30165	CO30164	15.86	5 1-	4ACSR	0	0	353	130	15	2	2	0.02	4.96	0
CO30103	CO30165	16.07	1 1-	4ACSR	0	0	343	129	0	0	0	0.00	4.96	0
CO30153	CO30165	16.08	4 1-	4ACSR	0	0	343	129	15	2	2	0.02	4.98	0
CO30411	CO30153	16.17	4 1-	4ACSR	0	0	339	128	15	2	2	0.01	4.99	0
CO819460633	CO30411	16.23	1 1-	2ACSR	0	0	337	128	12	1	1	0.00	4.99	0
CO27945	CO30411	16.25	2 1-	4ACSR	0	0	335	128	3	0	0	0.00	4.99	0
CO27948	CO27945	16.28	1 1-	4ACSR	0	0	334	128	3	0	0	0.00	4.99	0
CO27949	CO27948	16.52	0 1-	4ACSR	0	0	324	126	0	0	0	0.00	4.99	0
CO27946	CO27945	16.29	1 1-	4ACSR	0	0	334	127	0	0	0	0.00	4.99	0
CO27947	CO27946	16.40	1 1-	4ACSR	0	0	329	127	0	0	0	0.00	4.99	0
CO-2124452659	CO-2041076859	15.44	0 1-	2ACSR	0	0	374	133	0	0	0	0.00	4.89	0
CO30108	CO30093	15.01	1 1-	4ACSR	0	0	397	136	6	0	1	0.00	4.82	0
CO30109	CO30166	14.95	1 1-	4ACSR	0	0	400	136	5	0	1	0.00	4.80	0
CO30105	CO30092	14.63	1 1-	4ACSR	0	0	420	139	4	0	0	0.00	4.67	0
CO30091	CO30162	14.63	6 1-	4ACSR	0	0	420	139	25	3	3	0.02	4.64	0
CO30104	CO30091	14.68	5 1-	4ACSR	0	0	416	138	20	2	2	0.01	4.64	0
CO30455	CO30104	14.82	4 1-	4ACSR	0	0	408	137	14	1	1	0.01	4.65	0
CO27943	CO30455	15.01	3 1-	4ACSR	0	0	397	136	6	0	1	0.01	4.66	0
CO27944	CO27943	15.10	2 1-	4ACSR	0	0	392	135	3	0	0	0.00	4.66	0
CO27844	CO27944	15.17	1 1-	4ACSR	0	0	387	135	3	0	0	0.00	4.66	0
CO27831	CO27944	15.23	1 1-	4ACSR	0	0	384	134	0	0	0	0.00	4.66	0

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CO27845	CO27831	15.34	1 1-	4ACSR	0	0	378	134	0	0	0	0.00	4.66	0
CO27983	CO27831	15.24	0 1-	4ACSR	0	0	384	134	0	0	0	0.00	4.66	0
CO27848	CO30455	14.98	1 1-	4ACSR	0	0	398	136	8	1	1	0.00	4.66	0
CO27984	CO27938	13.56	0 1-	4ACSR	0	0	500	147	0	0	0	0.00	3.82	0
CO27935	CO27932	13.49	3 1-	4ACSR	0	0	506	148	17	2	2	0.01	3.66	0
CO27934	CO27935	13.54	1 1-	4ACSR	0	0	501	147	6	0	1	0.00	3.66	0
CO27936	CO27935	13.52	1 1-	4ACSR	0	0	503	148	10	1	1	0.00	3.66	0
CO27846	CO27928	13.19	1 1-	4ACSR	0	0	534	150	4	0	0	0.00	3.34	0
CO27988+	CO27834	11.86	188 3-	1/0ACSR	830	785	629	258	927	21	9	0.00	1.15	0
OC859+	CO27988	11.86	188 3-	50 E OCR	830	785	629	258	927	21	42	0.00	1.15	0
CO27989+	OC859	12.04	188 3-	1/0ACSR	821	775	621	257	927	21	9	0.03	1.18	44
CO27891+	CO27989	12.58	188 3-	1/0ACSR	791	748	598	253	927	21	9	0.10	1.28	137
CO27987+	CO27891	12.60	188 3-	1/0ACSR	790	747	597	253	926	21	9	0.01	1.28	7
CO27892+	CO27987	12.67	187 3-	1/0ACSR	786	743	594	253	923	20	9	0.01	1.29	17
CO27893+	CO27892	12.75	186 3-	1/0ACSR	782	740	591	252	914	20	9	0.01	1.31	19
CO27894+	CO27893	12.78	185 3-	1/0ACSR	780	738	589	252	910	20	9	0.01	1.31	8
CO27864+	CO27894	12.81	2 1-	4ACSR	0	0	587	252	10	0	0	0.00	1.31	0
CO27895+	CO27894	12.87	182 3-	1/0ACSR	776	734	586	252	874	19	9	0.01	1.33	19
CO27896+	CO27895	12.93	182 3-	1/0ACSR	773	731	583	251	874	19	9	0.01	1.34	13
CO27897+	CO27896	13.05	182 3-	1/0ACSR	767	725	579	250	874	19	9	0.02	1.36	28
CO27862+	CO27897	13.13	1 1-	4ACSR	0	0	574	249	2	0	0	0.00	1.36	0
CO27861+	CO27897	13.17	1 1-	4ACSR	0	0	572	249	16	1	1	0.00	1.36	0
CO27900+	CO27897	13.08	180 3-	1/0ACSR	765	724	577	250	856	19	8	0.01	1.37	7
CO27901+	CO27900	13.11	180 3-	1/0ACSR	764	723	576	250	856	19	8	0.00	1.37	5
CO27898+	CO27901	13.17	180 3-	1/0ACSR	761	720	574	250	856	19	8	0.01	1.38	13
CO27899+	CO27898	13.32	180 3-	1/0ACSR	754	713	568	249	856	19	8	0.03	1.41	33
CO30419+	CO27899	13.40	179 3-	1/0ACSR	750	710	565	248	849	19	8	0.01	1.42	16
CO30192+	CO30419	13.45	178 3-	1/0ACSR	748	707	563	248	849	19	8	0.01	1.43	12
CO30116+	CO30192	13.53	1 1-	4ACSR	0	0	559	247	0	0	0	0.00	1.43	0
CO30136+	CO30192	13.63	177 3-	1/0ACSR	739	699	557	247	848	19	8	0.03	1.46	38
CO30137+	CO30136	13.81	177 3-	1/0ACSR	731	692	550	246	848	19	8	0.03	1.49	38
CO30135+	CO30137	13.89	177 3-	1/0ACSR	728	689	547	245	848	19	8	0.01	1.50	16
CO30134+	CO30135	13.98	177 3-	1/0ACSR	723	685	544	244	848	19	8	0.02	1.52	20
CO30133+	CO30134	14.10	177 3-	1/0ACSR	718	680	540	244	848	19	8	0.02	1.53	24
CO30115+	CO30133	14.14	0 1-	4ACSR	0	0	538	243	0	0	0	0.00	1.53	0
CO30139+	CO30133	14.30	177 3-	4ACSR	703	667	530	241	847	19	14	0.08	1.61	112
CO30140+	CO30139	14.43	177 3-	4ACSR	695	660	523	240	847	19	14	0.05	1.66	65
CO30138+	CO30140	14.57	177 3-	4ACSR	685	651	517	238	847	19	14	0.05	1.71	75
CO30098+	CO30138	14.72	164 3-	1/0ACSR	679	646	512	237	795	18	8	0.02	1.74	29
CO30264+	CO30098	14.73	6 1-	4ACSR	0	0	511	237	34	2	2	0.00	1.74	0
OC936+	CO30264	14.73	6 1-	10 N FUSE	0	0	511	237	34	2	23	0.00	1.74	0
CO30265+	OC936	14.78	6 1-	4ACSR	0	0	509	237	34	2	2	0.00	1.74	0
CO30119+	CO30265	14.84	1 1-	4ACSR	0	0	506	236	10	0	0	0.00	1.74	0
CO30193+	CO30265	15.16	5 1-	4ACSR	0	0	492	233	24	1	1	0.01	1.75	0
CO30194+	CO30193	15.17	4 1-	4ACSR	0	0	491	233	19	1	1	0.00	1.75	0
CO30195+	CO30194	15.24	4 1-	4ACSR	0	0	488	232	19	1	1	0.00	1.75	0
CO30196+	CO30195	15.35	3 1-	4ACSR	0	0	483	231	17	1	1	0.00	1.76	0
CO30118+	CO30196	15.39	1 1-	4ACSR	0	0	482	230	7	0	0	0.00	1.76	0
CO30143+	CO30196	15.41	2 1-	4ACSR	0	0	481	230	10	0	0	0.00	1.76	0
CO30231+	CO30143	15.55	2 1-	4ACSR	0	0	475	229	10	0	0	0.00	1.76	0
CO30232+	CO30231	15.59	1 1-	4ACSR	0	0	473	228	8	0	0	0.00	1.76	0
CO30418+	CO30232	15.66	0 1-	4ACSR	0	0	470	227	0	0	0	0.00	1.76	0

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CO27902+	CO30418	15.80	0 1-	4ACSR	0	0	465	226	0	0	0	0.00	1.76	0
CO30144+	CO30098	14.74	158 3-	1/0ACSR	678	645	511	237	761	17	8	0.00	1.74	4
CO30233+	CO30144	14.77	158 3-	1/0ACSR	677	644	510	237	761	17	8	0.00	1.74	5
CO30234+	CO30233	14.81	157 3-	1/0ACSR	676	642	509	237	757	17	8	0.01	1.75	7
CO30124+	CO30234	14.88	4 1-	4ACSR	0	0	506	236	9	0	0	0.00	1.75	0
CO30198+	CO30234	14.88	150 3-	1/0ACSR	673	640	507	237	741	16	7	0.01	1.76	11
CO30199+	CO30198	14.97	146 3-	1/0ACSR	670	636	504	236	725	16	7	0.01	1.77	15
CO30197+	CO30199	15.14	145 3-	1/0ACSR	663	631	499	235	723	16	7	0.02	1.80	25
CO30223+	CO30197	15.19	3 1-	4ACSR	0	0	497	234	24	1	1	0.00	1.80	0
CO30224+	CO30223	15.25	3 1-	4ACSR	0	0	494	234	24	1	1	0.00	1.80	0
CO30146+	CO30224	15.37	1 1-	2ACSR	0	0	490	233	17	1	1	0.00	1.80	0
CO30147+	CO30146	15.44	1 1-	2ACSR	0	0	487	232	17	1	1	0.00	1.80	0
CO30222+	CO30224	15.32	1 1-	4ACSR	0	0	491	233	4	0	0	0.00	1.80	0
CO30145+	CO30197	15.17	141 3-	1/0ACSR	662	629	498	235	695	15	7	0.01	1.80	5
CO30235+	CO30145	15.20	141 3-	1/0ACSR	661	628	497	235	695	15	7	0.00	1.81	4
CO30236+	CO30235	15.30	138 3-	1/0ACSR	658	625	495	234	685	15	7	0.01	1.82	13
CO1813870448+	CO30236	15.36	1 1-	2ACSR	0	0	492	234	14	0	1	0.00	1.82	0
CO30200+	CO30236	15.37	105 3-	1/0ACSR	655	622	492	234	489	11	5	0.01	1.83	5
CO30201+	CO30200	15.50	104 3-	1/0ACSR	650	618	489	233	485	11	5	0.01	1.84	9
CO30252+	CO30201	15.55	99 3-	1/0ACSR	648	616	487	233	479	10	5	0.00	1.84	3
CO30253+	CO30252	15.64	98 3-	1/0ACSR	645	613	485	232	477	10	5	0.01	1.85	6
CO30149+	CO30253	15.71	98 3-	1/0ACSR	643	611	483	232	477	10	5	0.01	1.86	5
CO30123+	CO30149	15.78	2 2-	4ACSR	0	607	480	231	7	0	0	0.00	1.86	0
CO30150+	CO30123	15.81	1 1-	2ACSR	0	0	479	231	0	0	0	0.00	1.86	0
CO30151+	CO30150	15.90	1 1-	2ACSR	0	0	476	230	0	0	0	0.00	1.86	0
CO30099+	CO30149	15.78	92 3-	1/0ACSR	640	609	481	231	451	10	4	0.01	1.86	4
CO30225+	CO30099	15.84	2 1-	4ACSR	0	0	479	231	4	0	0	0.00	1.86	0
CO30226+	CO30225	15.86	1 1-	4ACSR	0	0	478	231	1	0	0	0.00	1.86	0
CO30279+	CO30099	15.83	87 3-	1/0ACSR	639	607	480	231	426	9	4	0.00	1.87	2
CO30152+	CO30279	15.94	87 3-	1/0ACSR	635	604	477	231	426	9	4	0.01	1.88	6
CO30176+	CO30152	16.04	86 3-	1/0ACSR	631	600	474	230	415	9	4	0.01	1.88	5
CO30177+	CO30176	16.08	85 3-	1/0ACSR	630	599	473	230	409	9	4	0.00	1.89	0
CO30095+	CO30177	16.15	81 3-	1/0ACSR	628	597	471	229	407	9	4	0.01	1.89	3
CO30178+	CO30095	16.21	81 3-	1/0ACSR	626	595	470	229	407	9	4	0.00	1.90	3
CO30179+	CO30178	16.27	80 3-	1/0ACSR	624	593	468	229	406	9	4	0.00	1.90	3
CO30096+	CO30179	16.49	75 3-	1/0ACSR	616	586	462	227	391	8	4	0.02	1.92	10
CO30180+	CO30096	16.53	46 3-	1/0ACSR	615	585	462	227	246	5	2	0.00	1.92	0
CO30181+	CO30180	16.54	44 3-	1/0ACSR	615	585	461	227	239	5	2	0.00	1.92	0
CO30274+	CO30181	16.58	44 1-	4ACSR	0	0	460	227	239	16	12	0.01	1.94	5
OC937+	CO30274	16.58	44 1-	35 H OCR	0	0	460	227	239	16	47	0.00	1.94	0
CO30275+	OC937	16.64	44 1-	4ACSR	0	0	458	226	239	16	12	0.02	1.96	8
CO30255+	CO30275	16.66	42 1-	4ACSR	0	0	457	226	230	15	11	0.01	1.96	3
CO30256+	CO30255	16.68	38 1-	4ACSR	0	0	456	226	211	14	10	0.01	1.97	3
CO30254+	CO30256	16.77	37 1-	4ACSR	0	0	453	225	211	14	10	0.03	2.00	10
CO30259+	CO30254	16.82	1 1-	4ACSR	0	0	451	224	2	0	0	0.00	2.00	0
CO30258+	CO30254	16.83	1 1-	4ACSR	0	0	450	224	9	0	0	0.00	2.00	0
CO30182+	CO30254	16.84	35 1-	4ACSR	0	0	450	224	199	13	10	0.02	2.02	7
CO30125+	CO30182	16.87	1 1-	2ACSR	0	0	449	224	0	0	0	0.00	2.02	0
CO30184+	CO30182	16.87	33 1-	4ACSR	0	0	449	224	189	12	9	0.01	2.03	0
CO30185+	CO30184	16.92	29 1-	4ACSR	0	0	447	223	170	11	8	0.01	2.04	4
CO30112+	CO30185	16.95	1 1-	4ACSR	0	0	446	223	10	0	0	0.00	2.04	0
CO30183+	CO30185	16.96	27 1-	4ACSR	0	0	445	223	154	10	8	0.01	2.05	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-2024020094+	CO30183	16.99	25 1-	2ACSR	0	0	445	223	137	9	5	0.00	2.06	0
CO1251722017+	CO-2024020094	17.02	23 1-	2ACSR	0	0	444	223	123	8	5	0.00	2.06	0
CO30188+	CO1251722017	17.11	23 1-	4ACSR	0	0	440	222	123	8	6	0.02	2.08	3
CO30186+	CO30188	17.27	21 1-	4ACSR	0	0	435	220	116	7	6	0.03	2.11	5
CO30227+	CO30186	17.35	16 1-	4ACSR	0	0	432	219	95	6	5	0.01	2.12	0
CO30229+	CO30227	17.44	14 1-	4ACSR	0	0	429	219	78	5	4	0.01	2.13	0
CO30128+	CO30229	17.47	3 1-	2ACSR	0	0	428	218	21	1	1	0.00	2.13	0
CO927711986+	CO30128	17.54	1 1-	2ACSR	0	0	426	218	0	0	0	0.00	2.13	0
CO30230+	CO30229	17.50	11 1-	4ACSR	0	0	427	218	57	3	3	0.01	2.13	0
CO30463+	CO30230	17.59	10 1-	4ACSR	0	0	424	217	53	3	3	0.01	2.14	0
CO30490+	CO30463	17.74	1 1-	4ACSR	0	0	419	216	8	0	0	0.00	2.14	0
CO30295+	CO30463	17.67	7 1-	4ACSR	0	0	421	216	40	2	2	0.00	2.14	0
CO30296+	CO30295	17.73	7 1-	4ACSR	0	0	419	216	40	2	2	0.00	2.15	0
CO30293+	CO30296	17.77	4 1-	4ACSR	0	0	418	215	14	0	1	0.00	2.15	0
CO30297+	CO30296	17.84	3 1-	4ACSR	0	0	416	215	26	1	1	0.00	2.15	0
CO30292+	CO30297	17.87	0 1-	4ACSR	0	0	415	215	0	0	0	0.00	2.15	0
CO30300+	CO30297	17.86	1 1-	4ACSR	0	0	415	215	9	0	0	0.00	2.15	0
CO30301+	CO30300	17.94	1 1-	4ACSR	0	0	413	214	9	0	0	0.00	2.15	0
CO30298+	CO30297	17.97	1 1-	4ACSR	0	0	412	214	6	0	0	0.00	2.15	0
CO30294+	CO30297	17.92	1 1-	2ACSR	0	0	414	214	12	0	0	0.00	2.15	0
CO30215+	CO30186	17.31	3 1-	4ACSR	0	0	433	220	10	0	0	0.00	2.11	0
CO30216+	CO30215	17.38	3 1-	4ACSR	0	0	431	219	10	0	0	0.00	2.11	0
CO30155+	CO30186	17.33	1 1-	4ACSR	0	0	433	220	4	0	0	0.00	2.11	0
CO30156+	CO30155	17.40	1 1-	4ACSR	0	0	431	219	4	0	0	0.00	2.11	0
CO-1662190258+	CO-2024020094	17.01	2 1-	2ACSR	0	0	444	223	13	0	1	0.00	2.06	0
CO-641252976+	CO-1662190258	17.07	2 1-	2ACSR	0	0	442	222	13	0	1	0.00	2.06	0
CO-1069661574+	CO-641252976	17.09	2 1-	2ACSR	0	0	442	222	13	0	1	0.00	2.06	0
CO-99222730+	CO-1069661574	17.11	1 1-	2ACSR	0	0	441	222	5	0	0	0.00	2.06	0
CO30111+	CO30096	16.59	1 1-	4ACSR	0	0	459	227	0	0	0	0.00	1.92	0
CO30272+	CO30096	16.50	28 1-	4ACSR	0	0	462	227	144	9	7	0.00	1.92	0
OC938+	CO30272	16.50	28 1-	35 A OCR	0	0	462	227	144	9	0	0.00	1.92	0
CO30273+	OC938	16.58	28 1-	4ACSR	0	0	459	227	144	9	7	0.02	1.94	4
CO30189+	CO30273	16.69	25 1-	4ACSR	0	0	455	225	134	9	7	0.02	1.96	5
CO30190+	CO30189	16.75	22 1-	4ACSR	0	0	453	225	117	8	6	0.01	1.97	0
CO30191+	CO30190	16.80	21 1-	4ACSR	0	0	451	224	115	7	6	0.01	1.98	0
CO30206+	CO30191	16.88	12 1-	2ACSR	0	0	448	224	69	4	3	0.00	1.99	0
CO30207+	CO30206	16.98	9 1-	2ACSR	0	0	445	223	47	3	2	0.00	1.99	0
CO30208+	CO30207	17.02	6 1-	2ACSR	0	0	444	223	25	1	1	0.00	1.99	0
CO30209+	CO30208	17.04	6 1-	2ACSR	0	0	444	223	25	1	1	0.00	1.99	0
CO30210+	CO30209	17.14	3 1-	2ACSR	0	0	441	222	17	1	1	0.00	1.99	0
CO30202+	CO30191	16.81	7 1-	2ACSR	0	0	450	224	26	1	1	0.00	1.98	0
CO30203+	CO30202	16.92	5 1-	2ACSR	0	0	447	224	17	1	1	0.00	1.98	0
CO30204+	CO30203	17.02	3 1-	2ACSR	0	0	444	223	15	1	1	0.00	1.98	0
CO30205+	CO30204	17.08	1 1-	2ACSR	0	0	443	222	1	0	0	0.00	1.98	0
CO30213+	CO30273	16.66	3 1-	4ACSR	0	0	456	226	10	0	0	0.00	1.94	0
CO30214+	CO30213	16.72	1 1-	4ACSR	0	0	454	225	0	0	0	0.00	1.94	0
CO30211+	CO30179	16.39	5 1-	4ACSR	0	0	463	227	15	1	1	0.00	1.91	0
CO30212+	CO30211	16.45	3 1-	4ACSR	0	0	461	227	12	0	1	0.00	1.91	0
CO30110+	CO30095	16.19	0 1-	4ACSR	0	0	470	229	0	0	0	0.00	1.89	0
CO30278+	CO30177	16.16	3 1-	4ACSR	0	0	470	229	2	0	0	0.00	1.89	0
XFMR66	CO30278	16.16	3 1-	333 KVA 1PH AUT	0	0	589	157	2	0	1	0.01	1.89	0
CO30175	XFMR66	16.27	3 1-	4ACSR	0	0	577	156	2	0	0	0.00	1.89	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SW940-B	CO30175	16.27	0 1-	Open	0	0	577	156	0	0	0	0.00	1.89	0
CO30270+	CO30201	15.51	5 1-	4ACSR	0	0	488	233	7	0	0	0.00	1.84	0
OC935+	CO30270	15.51	5 1-	10 N FUSE	0	0	488	233	7	0	4	0.00	1.84	0
CO30271+	OC935	15.58	5 1-	4ACSR	0	0	485	232	7	0	0	0.00	1.84	0
CO30121+	CO30271	15.64	1 1-	4ACSR	0	0	483	232	2	0	0	0.00	1.84	0
CO30260+	CO30271	15.60	3 1-	4ACSR	0	0	485	232	3	0	0	0.00	1.84	0
CO30261+	CO30260	15.66	2 1-	4ACSR	0	0	482	231	2	0	0	0.00	1.84	0
CO30122+	CO30260	15.85	1 1-	4ACSR	0	0	474	229	1	0	0	0.00	1.84	0
CO30268+	CO30236	15.30	32 1-	4ACSR	0	0	494	234	183	12	9	0.00	1.82	0
OC939+	CO30268	15.30	32 1-	35 E OCR	0	0	494	234	183	12	36	0.00	1.82	0
CO30269+	OC939	15.39	32 1-	4ACSR	0	0	490	233	183	12	9	0.02	1.84	7
CO30120+	CO30269	15.46	1 1-	4ACSR	0	0	488	232	11	0	1	0.00	1.84	0
CO30148+	CO30269	15.41	28 1-	4ACSR	0	0	490	233	162	11	8	0.00	1.85	0
CO30237+	CO30148	15.42	28 1-	4ACSR	0	0	489	233	162	11	8	0.00	1.85	0
CO30238+	CO30237	15.44	27 1-	4ACSR	0	0	488	233	152	10	7	0.00	1.86	0
CO30239+	CO30238	15.46	27 1-	4ACSR	0	0	487	232	152	10	7	0.00	1.86	0
CO30126+	CO30239	15.49	1 1-	2ACSR	0	0	486	232	2	0	0	0.00	1.86	0
CO30240+	CO30239	15.48	26 1-	4ACSR	0	0	486	232	150	10	7	0.01	1.87	0
CO30241+	CO30240	15.51	25 1-	4ACSR	0	0	485	232	143	9	7	0.01	1.87	0
CO30242+	CO30241	15.56	23 1-	4ACSR	0	0	483	231	138	9	7	0.01	1.88	0
CO30243+	CO30242	15.58	20 1-	4ACSR	0	0	482	231	121	8	6	0.00	1.89	0
CO30280+	CO30243	15.61	19 1-	4ACSR	0	0	481	231	111	7	5	0.01	1.89	0
CO30244+	CO30280	15.64	18 1-	4ACSR	0	0	480	230	110	7	5	0.00	1.90	0
CO30245+	CO30244	15.66	16 1-	4ACSR	0	0	479	230	94	6	5	0.00	1.90	0
CO30250+	CO30245	15.74	14 1-	4ACSR	0	0	476	229	79	5	4	0.01	1.91	0
CO30251+	CO30250	15.78	11 1-	4ACSR	0	0	474	229	61	4	3	0.00	1.91	0
CO30249+	CO30251	15.84	8 1-	4ACSR	0	0	471	228	52	3	3	0.00	1.91	0
CO30248+	CO30249	15.92	6 1-	4ACSR	0	0	468	228	37	2	2	0.00	1.92	0
CO30247+	CO30248	15.98	4 1-	4ACSR	0	0	466	227	22	1	1	0.00	1.92	0
CO30246+	CO30247	16.00	4 1-	4ACSR	0	0	465	227	22	1	1	0.00	1.92	0
CO30220+	CO30234	14.93	3 1-	4ACSR	0	0	504	236	7	0	0	0.00	1.75	0
CO30221+	CO30220	14.98	1 1-	4ACSR	0	0	501	235	3	0	0	0.00	1.75	0
CO30218+	CO30138	14.61	4 1-	4ACSR	0	0	514	238	25	1	1	0.00	1.71	0
CO30219+	CO30218	14.65	2 1-	4ACSR	0	0	513	237	13	0	1	0.00	1.71	0
CO30217+	CO30219	14.71	1 1-	4ACSR	0	0	510	237	6	0	0	0.00	1.71	0
CO30142+	CO30138	14.63	6 1-	4ACSR	0	0	514	238	22	1	1	0.00	1.71	0
CO30262+	CO30142	14.69	4 1-	4ACSR	0	0	511	237	17	1	1	0.00	1.72	0
CO30263+	CO30262	14.74	3 1-	4ACSR	0	0	508	237	8	0	0	0.00	1.72	0
CO30117+	CO30262	14.72	1 1-	4ACSR	0	0	509	237	9	0	0	0.00	1.72	0
CO30141+	CO30142	14.69	2 1-	4ACSR	0	0	511	237	5	0	0	0.00	1.71	0
CO27863+	CO27987	12.72	1 1-	4ACSR	0	0	590	252	3	0	0	0.00	1.28	0
CO27857+	CO27884	11.28	1 1-	4ACSR	0	0	655	262	10	0	1	0.00	0.99	0
CO30449+	CO27881	11.03	1 1-	4ACSR	0	0	666	263	3	0	0	0.00	0.92	0
CO27685+	CO27564	10.70	110 1-	4ACSR	0	0	688	266	513	35	25	0.01	0.88	4
OC842+	CO27685	10.70	110 1-	50 E OCR	0	0	688	266	513	35	71	0.00	0.88	0
CO27686+	OC842	10.82	110 1-	4ACSR	0	0	678	265	513	35	25	0.10	0.99	84
XFMR72	CO27686	10.82	110 1-	333 KVA 1PH AUT	0	0	718	164	513	35	153	1.43	2.41	0
CO27565	XFMR72	10.87	110 1-	4ACSR	0	0	711	163	513	70	51	0.15	2.57	127
CO30450	CO27565	11.04	110 1-	4ACSR	0	0	686	162	512	70	51	0.55	3.12	456
CO27869	CO30450	11.21	109 1-	4ACSR	0	0	663	160	509	70	50	0.53	3.65	442
CO27870	CO27869	11.28	109 1-	4ACSR	0	0	653	159	507	70	50	0.24	3.89	202
CO27871	CO27870	11.33	109 1-	4ACSR	0	0	647	159	506	70	50	0.14	4.03	116

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27866	CO27871	11.45	109 1-	4ACSR	0	0	631	158	506	70	50	0.39	4.42	324
CO27874	CO27866	11.55	108 1-	4ACSR	0	0	618	157	501	70	50	0.33	4.76	276
CO27865	CO27874	11.59	1 1-	2ACSR	0	0	614	157	10	1	1	0.00	4.76	0
CO27875	CO27874	11.59	107 1-	4ACSR	0	0	613	156	490	68	49	0.12	4.88	96
CO27872	CO27875	11.68	107 1-	4ACSR	0	0	602	156	490	68	49	0.30	5.17	240
CO27873	CO27872	11.71	107 1-	4ACSR	0	0	599	155	489	68	49	0.09	5.26	71
CO27867	CO27873	11.80	106 1-	4ACSR	0	0	588	154	486	68	49	0.28	5.54	223
CO27868	CO27867	11.91	105 1-	4ACSR	0	0	576	153	485	68	49	0.34	5.88	277
CO30456	CO27868	12.05	103 1-	4ACSR	0	0	561	152	476	67	48	0.44	6.32	346
CO30019	CO30456	12.19	98 1-	4ACSR	0	0	546	151	455	64	46	0.40	6.72	304
CO30020	CO30019	12.24	97 1-	4ACSR	0	0	541	151	453	64	46	0.14	6.86	109
CO30021	CO30020	12.28	96 1-	4ACSR	0	0	537	150	448	64	46	0.12	6.98	92
CO30007	CO30021	12.38	1 1-	2ACSR	0	0	530	150	2	0	0	0.00	6.98	0
CO-1626956341	CO30007	12.45	0 1-	2ACSR	0	0	524	149	0	0	0	0.00	6.98	0
CO-478922856	CO30007	12.60	0 1-	2ACSR	0	0	513	148	0	0	0	0.00	6.98	0
CO30025	CO30021	12.40	93 1-	4ACSR	0	0	525	149	433	61	44	0.34	7.32	246
CO30026	CO30025	12.64	91 1-	4ACSR	0	0	503	147	429	61	44	0.67	7.99	481
CO29986	CO30026	12.70	89 1-	4ACSR	0	0	498	147	422	60	43	0.16	8.14	112
CO30005	CO29986	12.74	1 1-	4ACSR	0	0	495	146	6	0	1	0.00	8.14	0
CO29987	CO29986	12.77	88 1-	4ACSR	0	0	492	146	415	59	43	0.21	8.35	145
CO-1682037951	CO29987	12.81	1 1-	2ACSR	0	0	490	146	0	0	0	0.00	8.35	0
CO30027	CO29987	12.83	2 1-	4ACSR	0	0	487	146	4	0	0	0.00	8.35	0
CO30028	CO30027	12.94	1 1-	4ACSR	0	0	478	145	4	0	0	0.00	8.35	0
CO30015	CO30027	12.88	1 1-	2ACSR	0	0	484	145	0	0	0	0.00	8.35	0
CO29988	CO29987	12.84	85 1-	4ACSR	0	0	486	146	410	59	42	0.19	8.54	131
CO30004	CO29988	12.94	1 1-	4ACSR	0	0	478	145	4	0	0	0.00	8.54	0
CO29989	CO29988	12.98	79 1-	4ACSR	0	0	475	144	360	52	37	0.31	8.85	193
CO30003	CO29989	13.03	1 1-	4ACSR	0	0	471	144	5	0	0	0.00	8.85	0
CO29990	CO29989	13.10	78 1-	4ACSR	0	0	465	143	355	51	37	0.29	9.14	175
CO-660697368	CO29990	13.17	1 1-	2ACSR	0	0	461	143	6	0	1	0.00	9.14	0
CO30032	CO29990	13.20	5 1-	4ACSR	0	0	457	143	35	5	4	0.02	9.16	0
CO30002	CO30032	13.26	1 1-	4ACSR	0	0	453	142	5	0	1	0.00	9.16	0
CO30033	CO30032	13.28	3 1-	4ACSR	0	0	452	142	16	2	2	0.00	9.16	0
CO30034	CO29990	13.10	72 1-	4ACSR	0	0	465	143	313	45	32	0.01	9.15	5
RG15	CO30034	13.10	72 1-		0	0	465	143	313	45	0	-9.15	0.00	0
CO58609891	RG15	13.13	2 1-	4ACSR	0	0	463	143	7	0	1	0.00	0.00	0
CO2126628670	CO58609891	13.14	0 1-	4ACSR	0	0	462	143	0	0	0	0.00	0.00	0
CO399032542	CO58609891	13.20	2 1-	4ACSR	0	0	458	143	7	0	1	0.00	0.00	0
CO30035	RG15	13.22	70 1-	4ACSR	0	0	456	143	306	41	29	0.21	0.21	101
CO30082	CO30035	13.34	16 1-	4ACSR	0	0	447	142	75	10	7	0.05	0.26	6
CO30083	CO30082	13.45	14 1-	4ACSR	0	0	439	141	68	9	7	0.05	0.31	5
CO30001	CO30083	13.51	1 1-	4ACSR	0	0	435	140	2	0	0	0.00	0.31	0
CO30084	CO30083	13.47	13 1-	4ACSR	0	0	438	141	66	8	6	0.01	0.32	0
CO30085	CO30084	13.48	13 1-	4ACSR	0	0	437	140	66	8	6	0.00	0.32	0
CO30086	CO30085	13.54	12 1-	4ACSR	0	0	433	140	63	8	6	0.02	0.34	2
CO30076	CO30086	13.57	9 1-	4ACSR	0	0	431	140	57	7	5	0.01	0.36	0
CO30080	CO30076	13.60	4 1-	4ACSR	0	0	429	140	14	1	1	0.00	0.36	0
CO30081	CO30080	13.62	1 1-	4ACSR	0	0	428	139	3	0	0	0.00	0.36	0
CO30077	CO30076	13.60	4 1-	4ACSR	0	0	429	140	42	5	4	0.01	0.36	0
CO30078	CO30077	13.62	4 1-	4ACSR	0	0	428	139	42	5	4	0.00	0.37	0
CO30079	CO30078	13.64	3 1-	4ACSR	0	0	427	139	28	3	3	0.00	0.37	0
CO30075	CO30086	13.68	3 1-	4ACSR	0	0	424	139	6	0	1	0.00	0.35	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30038	CO30035	13.24	50 1-	4ACSR	0	0	455	142	194	26	19	0.03	0.24	8
CO30039	CO30038	13.33	48 1-	4ACSR	0	0	448	142	178	24	17	0.09	0.33	26
CO30040	CO30039	13.39	47 1-	4ACSR	0	0	444	141	172	23	17	0.06	0.39	16
CO30041	CO30040	13.46	45 1-	4ACSR	0	0	439	141	154	20	15	0.07	0.46	18
CO-1691455819	CO30041	13.53	41 1-	2ACSR	0	0	435	140	140	18	11	0.04	0.50	8
CO1329745239	CO-1691455819	13.59	1 1-	2ACSR	0	0	431	140	1	0	0	0.00	0.50	0
CO916209253	CO-1691455819	13.64	40 1-	2ACSR	0	0	429	140	139	18	10	0.06	0.56	13
CO30043	CO916209253	13.83	40 1-	4ACSR	0	0	416	138	139	18	13	0.17	0.73	38
CO30044	CO30043	14.07	40 1-	4ACSR	0	0	402	136	138	18	13	0.20	0.93	45
CO30461	CO30044	14.33	39 1-	4ACSR	0	0	387	135	138	18	13	0.22	1.15	48
CO27878	CO30461	14.34	39 1-	4ACSR	0	0	387	135	138	18	13	0.01	1.16	0
CO27979	CO27878	14.34	38 1-	4ACSR	0	0	386	135	134	18	13	0.01	1.17	0
OC857	CO27979	14.34	38 1-	50 H OCR	0	0	386	135	134	18	36	0.00	1.17	0
CO27980	OC857	14.63	38 1-	4ACSR	0	0	371	133	134	18	13	0.24	1.40	51
CO27879	CO27980	14.88	37 1-	4ACSR	0	0	358	131	128	17	12	0.20	1.60	40
CO27880	CO27879	14.99	36 1-	4ACSR	0	0	353	130	125	17	12	0.09	1.69	18
CO30420	CO27880	15.10	36 1-	4ACSR	0	0	348	129	125	17	12	0.08	1.77	16
CO30335	CO30420	15.24	36 1-	4ACSR	0	0	342	129	125	17	12	0.11	1.87	21
CO30333	CO30335	15.35	33 1-	4ACSR	0	0	337	128	112	15	11	0.08	1.95	14
CO30334	CO30333	15.45	33 1-	4ACSR	0	0	333	127	112	15	11	0.07	2.02	12
CO30302	CO30334	15.54	32 1-	4ACSR	0	0	329	127	112	15	11	0.07	2.08	12
CO30489	CO30302	15.68	1 1-	4ACSR	0	0	323	126	8	1	1	0.00	2.09	0
CO30303	CO30302	15.64	31 1-	4ACSR	0	0	325	126	104	14	10	0.06	2.14	10
CO30488	CO30303	15.77	1 1-	4ACSR	0	0	320	125	3	0	0	0.00	2.15	0
CO30487	CO30303	15.71	30 1-	4ACSR	0	0	322	126	101	13	10	0.05	2.19	8
CO30114	CO30487	15.81	1 1-	4ACSR	0	0	318	125	0	0	0	0.00	2.19	0
CO30097	CO30487	15.85	29 1-	4ACSR	0	0	317	125	101	13	10	0.08	2.27	14
CO30486	CO30097	16.11	28 1-	4ACSR	0	0	307	123	90	12	9	0.15	2.42	21
CO30319	CO30486	16.18	4 1-	4ACSR	0	0	305	123	6	0	1	0.00	2.42	0
CO30320	CO30319	16.20	4 1-	4ACSR	0	0	304	123	6	0	1	0.00	2.42	0
CO30305	CO30320	16.35	2 1-	4ACSR	0	0	299	122	1	0	0	0.00	2.43	0
CO30317	CO30305	16.41	1 1-	4ACSR	0	0	297	121	1	0	0	0.00	2.43	0
CO30318	CO30317	16.45	1 1-	4ACSR	0	0	295	121	1	0	0	0.00	2.43	0
CO30316	CO30318	16.57	1 1-	4ACSR	0	0	292	121	1	0	0	0.00	2.43	0
CO30313	CO30305	16.42	1 1-	4ACSR	0	0	296	121	0	0	0	0.00	2.43	0
CO30312	CO30320	16.21	1 1-	4ACSR	0	0	303	123	2	0	0	0.00	2.42	0
CO30311	CO30320	16.23	1 1-	4ACSR	0	0	303	122	2	0	0	0.00	2.42	0
CO30314	CO30486	16.28	23 1-	4ACSR	0	0	301	122	82	11	8	0.08	2.50	11
CO30315	CO30314	16.32	22 1-	4ACSR	0	0	300	122	79	10	8	0.02	2.53	3
CO30321	CO30315	16.43	21 1-	4ACSR	0	0	296	121	71	9	7	0.05	2.57	6
CO30322	CO30321	16.57	19 1-	4ACSR	0	0	291	121	68	9	7	0.06	2.63	7
CO30304	CO30322	16.67	15 1-	4ACSR	0	0	288	120	63	8	6	0.04	2.67	4
CO30325	CO30304	16.71	14 1-	4ACSR	0	0	287	120	59	8	6	0.01	2.68	0
CO30326	CO30325	16.78	10 1-	4ACSR	0	0	285	119	48	6	5	0.02	2.71	0
CO30327	CO30326	16.99	10 1-	4ACSR	0	0	278	118	48	6	5	0.06	2.76	4
CO30328	CO30327	17.16	9 1-	4ACSR	0	0	273	117	40	5	4	0.03	2.80	0
CO30329	CO30328	17.23	6 1-	4ACSR	0	0	271	117	20	2	2	0.01	2.80	0
CO30330	CO30329	17.24	6 1-	4ACSR	0	0	271	117	20	2	2	0.00	2.81	0
CO30331	CO30330	17.28	5 1-	4ACSR	0	0	270	117	7	0	1	0.00	2.81	0
CO30332	CO30331	17.32	4 1-	4ACSR	0	0	269	116	6	0	1	0.00	2.81	0
CO30310	CO30304	16.72	1 1-	4ACSR	0	0	286	120	4	0	0	0.00	2.67	0
CO30323	CO30322	16.64	3 1-	4ACSR	0	0	289	120	5	0	0	0.00	2.64	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30324	CO30323	16.81	2 1-	4ACSR	0	0	284	119	5	0	0	0.00	2.64	0
CO30309	CO30315	16.40	1 1-	4ACSR	0	0	297	122	8	1	1	0.00	2.53	0
CO30131	CO30097	15.92	1 1-	4ACSR	0	0	314	124	11	1	1	0.01	2.28	0
CO30132	CO30131	16.01	1 1-	4ACSR	0	0	311	124	11	1	1	0.00	2.28	0
CO30308	CO30334	15.58	1 1-	4ACSR	0	0	328	126	0	0	0	0.00	2.02	0
CO30307	CO30335	15.35	0 1-	4ACSR	0	0	337	128	0	0	0	0.00	1.87	0
CO30306	CO30335	15.35	1 1-	4ACSR	0	0	337	128	6	0	1	0.00	1.88	0
CO27855	CO27980	14.67	1 1-	4ACSR	0	0	369	132	5	0	1	0.00	1.40	0
CO27856	CO27878	14.62	1 1-	4ACSR	0	0	371	133	4	0	0	0.00	1.16	0
CO30045	CO30044	14.17	1 1-	4ACSR	0	0	396	136	0	0	0	0.00	0.93	0
CO30459	CO30045	14.43	1 1-	4ACSR	0	0	381	134	0	0	0	0.00	0.93	0
CO30008	CO30041	13.54	3 1-	4ACSR	0	0	433	140	12	1	1	0.00	0.46	0
CO30036	CO30035	13.27	3 1-	2ACSR	0	0	453	142	27	3	2	0.00	0.21	0
CO30037	CO30036	13.32	1 1-	2ACSR	0	0	450	142	9	1	1	0.00	0.21	0
CO30029	CO29988	12.92	5 1-	4ACSR	0	0	480	145	45	6	5	0.02	8.55	0
CO30030	CO30029	12.96	4 1-	4ACSR	0	0	477	145	29	4	3	0.01	8.56	0
CO30074	CO30030	13.04	1 1-	2ACSR	0	0	471	144	9	1	1	0.00	8.56	0
CO30031	CO30030	12.99	1 1-	4ACSR	0	0	474	144	6	0	1	0.00	8.56	0
CO30006	CO30026	12.87	1 1-	4ACSR	0	0	484	145	2	0	0	0.00	7.99	0
CO30022	CO30021	12.47	2 1-	4ACSR	0	0	519	149	13	1	1	0.02	7.00	0
CO30023	CO30022	12.61	1 1-	4ACSR	0	0	506	147	7	1	1	0.00	7.00	0
CO30024	CO30023	12.68	0 1-	4ACSR	0	0	500	147	0	0	0	0.00	7.00	0
CO30017	CO30022	12.52	1 1-	2ACSR	0	0	515	148	6	0	0	0.00	7.00	0
CO30460	CO30456	12.17	5 1-	4ACSR	0	0	549	151	20	2	2	0.01	6.33	0
CO27876	CO30460	12.18	5 1-	4ACSR	0	0	547	151	20	2	2	0.00	6.33	0
CO27877	CO27876	12.22	4 1-	4ACSR	0	0	543	151	11	1	1	0.00	6.34	0
CO27854	CO27877	12.33	2 1-	4ACSR	0	0	533	150	8	1	1	0.00	6.34	0
CO27853	CO27877	12.32	0 1-	4ACSR	0	0	533	150	0	0	0	0.00	6.34	0
CO27852	CO27868	11.98	2 1-	4ACSR	0	0	569	153	7	1	1	0.00	5.88	0
CO27504	XFMR72	10.85	0 1-	4ACSR	0	0	714	164	0	0	0	0.00	2.41	0
CO27502+	CO27469	10.69	1 1-	4ACSR	0	0	686	266	3	0	0	0.00	0.85	0
CO27503+	CO27560	10.63	1 1-	4ACSR	0	0	690	266	3	0	0	0.00	0.84	0
CO27558+	CO27557	10.50	1 1-	4ACSR	0	0	695	267	6	0	0	0.00	0.76	0
CO27559+	CO27558	10.69	0 1-	4ACSR	0	0	679	264	0	0	0	0.00	0.76	0
CO27492+	CO27549	9.88	1 1-	4ACSR	0	0	735	272	4	0	0	0.00	0.45	0
CO27675+	CO-1000846053	9.39	4 1-	4ACSR	0	0	769	276	5	0	0	0.00	0.20	0
OC837+	CO27675	9.39	4 1-	10 N FUSE	0	0	769	276	5	0	4	0.00	0.20	0
CO27676+	OC837	9.45	4 1-	4ACSR	0	0	763	275	5	0	0	0.00	0.20	0
CO27537+	CO27676	9.49	3 1-	4ACSR	0	0	759	274	0	0	0	0.00	0.20	0
CO27490+	CO27537	9.57	1 1-	4ACSR	0	0	751	273	0	0	0	0.00	0.20	0
CO27538+	CO27537	9.52	1 1-	4ACSR	0	0	756	274	0	0	0	0.00	0.20	0
CO27539+	CO27538	9.63	1 1-	4ACSR	0	0	745	272	0	0	0	0.00	0.20	0
CO27540+	CO27539	9.66	1 1-	4ACSR	0	0	742	272	0	0	0	0.00	0.20	0
CO27541+	CO27540	9.75	0 1-	4ACSR	0	0	733	271	0	0	0	0.00	0.20	0
CO27542+	CO27541	9.79	0 1-	4ACSR	0	0	730	270	0	0	0	0.00	0.20	0
CO27543+	CO27542	9.86	0 1-	4ACSR	0	0	723	269	0	0	0	0.00	0.20	0
CO27544+	CO27543	9.89	0 1-	4ACSR	0	0	720	269	0	0	0	0.00	0.20	0
CO27491+	CO27544	9.91	0 1-	4ACSR	0	0	718	268	0	0	0	0.00	0.20	0
CO27545+	CO27544	10.03	0 1-	4ACSR	0	0	708	267	0	0	0	0.00	0.20	0
CO27546+	CO27545	10.09	0 1-	4ACSR	0	0	702	266	0	0	0	0.00	0.20	0
CO27463+	CO27462	9.40	230 3-	1/0ACSR	1003	945	769	276	952	21	9	0.02	0.15	30
CO27681+	CO27463	9.41	228 3-	1/0ACSR	1002	944	769	276	933	21	9	0.00	0.16	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC847+	CO27681	9.41	228 3-	100 E OCR	1002	944	769	276	933	21	21	0.00	0.16	0
CO27682+	OC847	9.42	228 3-	1/0ACSR	1001	943	768	276	933	21	9	0.00	0.16	4
CO27517+	CO27682	9.51	228 3-	1/0ACSR	994	937	762	275	933	21	9	0.02	0.17	21
CO27518+	CO27517	9.57	226 3-	1/0ACSR	989	932	758	275	925	20	9	0.01	0.18	14
CO27464+	CO27518	9.66	225 3-	1/0ACSR	981	925	752	274	921	20	9	0.02	0.20	24
CO30663+	CO27464	9.71	223 3-	1/0ACSR	978	922	749	274	917	20	9	0.01	0.21	11
CO27470+	CO30663	9.76	223 3-	1/0ACSR	973	918	745	273	917	20	9	0.01	0.22	13
CO27524+	CO27470	9.83	220 3-	1/0ACSR	968	913	741	273	903	20	9	0.01	0.23	16
CO27525+	CO27524	10.01	219 3-	1/0ACSR	954	900	730	271	886	19	9	0.03	0.26	41
CO27529+	CO27525	10.16	217 3-	1/0ACSR	943	889	720	270	877	19	9	0.03	0.29	35
CO27528+	CO27529	10.26	217 3-	1/0ACSR	935	882	714	270	877	19	9	0.02	0.30	21
CO27486+	CO27528	10.32	2 1-	4ACSR	0	0	709	269	7	0	0	0.00	0.31	0
CO27533+	CO27528	10.33	213 3-	1/0ACSR	931	878	710	269	867	19	9	0.01	0.32	15
CO27534+	CO27533	10.48	213 3-	1/0ACSR	920	868	702	268	867	19	9	0.02	0.34	32
CO30399+	CO27534	10.64	212 3-	1/0ACSR	909	857	692	267	855	19	8	0.03	0.37	35
CO27230+	CO30399	10.76	211 3-	1/0ACSR	901	850	686	266	852	19	8	0.02	0.39	25
CO27231+	CO27230	10.85	211 3-	1/0ACSR	894	844	681	265	852	19	8	0.02	0.40	20
CO27315+	CO27231	10.86	6 1-	4ACSR	0	0	680	265	15	1	1	0.00	0.40	0
OC832+	CO27315	10.86	6 1-	10 N FUSE	0	0	680	265	15	1	10	0.00	0.40	0
CO27316+	OC832	10.93	6 1-	4ACSR	0	0	674	264	15	1	1	0.00	0.41	0
CO27188+	CO27316	11.40	4 1-	4ACSR	0	0	638	258	11	0	1	0.01	0.41	0
CO27202+	CO27188	11.60	1 1-	4ACSR	0	0	624	255	2	0	0	0.00	0.41	0
CO27201+	CO27188	11.48	1 1-	4ACSR	0	0	633	257	0	0	0	0.00	0.41	0
CO27232+	CO27188	11.47	2 1-	4ACSR	0	0	633	257	9	0	0	0.00	0.41	0
CO27233+	CO27232	11.82	0 1-	4ACSR	0	0	609	253	0	0	0	0.00	0.41	0
CO27203+	CO27316	11.04	1 1-	4ACSR	0	0	665	263	4	0	0	0.00	0.41	0
CO27189+	CO27231	10.96	205 3-	1/0ACSR	887	837	674	265	837	18	8	0.02	0.42	23
CO27236+	CO27189	11.05	203 3-	1/0ACSR	881	832	670	264	829	18	8	0.01	0.44	17
CO27237+	CO27236	11.37	203 3-	1/0ACSR	861	813	653	262	829	18	8	0.05	0.49	65
CO27204+	CO27237	11.45	0 1-	4ACSR	0	0	648	261	0	0	0	0.00	0.49	0
CO27238+	CO27237	11.48	203 3-	1/0ACSR	854	806	648	261	829	18	8	0.02	0.51	22
CO27239+	CO27238	11.61	203 3-	1/0ACSR	846	799	642	260	829	18	8	0.02	0.53	27
CO27240+	CO27239	11.80	203 3-	1/0ACSR	835	789	633	259	829	18	8	0.03	0.56	37
CO27313+	CO27240	11.81	11 1-	4ACSR	0	0	632	259	50	3	2	0.00	0.56	0
OC831+	CO27313	11.81	11 1-	35 E OCR	0	0	632	259	50	3	10	0.00	0.56	0
CO27314+	OC831	11.99	11 1-	4ACSR	0	0	619	256	50	3	2	0.01	0.57	0
CO27242+	CO27314	12.04	10 1-	4ACSR	0	0	616	256	49	3	2	0.00	0.58	0
CO27207+	CO27242	12.10	1 1-	2ACSR	0	0	613	255	6	0	0	0.00	0.58	0
CO27243+	CO27207	12.16	1 1-	1/0PRIURD	0	0	610	421	6	0	0	0.00	0.58	0
CO27241+	CO27242	12.25	9 1-	4ACSR	0	0	602	253	44	2	2	0.01	0.59	0
CO-845371752+	CO27241	12.35	9 1-	2ACSR	0	0	597	252	44	2	2	0.00	0.59	0
CO2042225417+	CO-845371752	12.62	9 1-	2ACSR	0	0	583	250	44	2	2	0.01	0.61	0
CO1769496304+	CO2042225417	12.64	8 1-	2ACSR	0	0	582	250	37	2	1	0.00	0.61	0
CO383478790+	CO1769496304	12.73	1 1-	2ACSR	0	0	578	249	9	0	0	0.00	0.61	0
CO-1443026499+	CO1769496304	12.67	7 1-	2ACSR	0	0	581	249	28	1	1	0.00	0.61	0
CO27219+	CO-1443026499	12.76	6 1-	4ACSR	0	0	575	248	21	1	1	0.00	0.61	0
CO27218+	CO27219	12.86	6 1-	4ACSR	0	0	570	247	21	1	1	0.00	0.61	0
CO27217+	CO27218	13.00	6 1-	4ACSR	0	0	562	245	21	1	1	0.00	0.62	0
CO27185+	CO27217	13.08	5 1-	4ACSR	0	0	557	244	16	1	1	0.00	0.62	0
CO30410+	CO27185	13.31	5 1-	4ACSR	0	0	544	242	16	1	1	0.01	0.63	0
CO27607+	CO30410	13.42	5 1-	4ACSR	0	0	539	240	16	1	1	0.00	0.63	0
CO27606+	CO27607	13.45	5 1-	4ACSR	0	0	537	240	16	1	1	0.00	0.63	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27605+	CO27606	13.51	5 1-	4ACSR	0	0	534	239	16	1	1	0.00	0.63	0
CO27456+	CO27605	13.59	3 1-	4ACSR	0	0	530	239	14	0	1	0.00	0.63	0
CO27603+	CO27456	13.72	2 1-	4ACSR	0	0	523	237	14	0	1	0.00	0.63	0
CO27604+	CO27603	13.81	1 1-	4ACSR	0	0	518	236	7	0	0	0.00	0.64	0
CO27602+	CO27604	13.89	1 1-	4ACSR	0	0	514	235	7	0	0	0.00	0.64	0
CO27601+	CO27605	13.63	0 1-	4ACSR	0	0	527	238	0	0	0	0.00	0.63	0
CO30409+	CO27185	13.22	0 1-	4ACSR	0	0	549	243	0	0	0	0.00	0.62	0
CO27215+	CO27217	13.10	1 1-	4ACSR	0	0	556	244	5	0	0	0.00	0.62	0
CO27216+	CO27215	13.14	1 1-	4ACSR	0	0	553	244	5	0	0	0.00	0.62	0
CO27209+	CO-1443026499	12.79	1 1-	2ACSR	0	0	575	248	7	0	0	0.00	0.61	0
CO-734106827+	CO2042225417	12.68	1 1-	2ACSR	0	0	581	249	6	0	0	0.00	0.61	0
CO27221+	CO-734106827	12.70	1 1-	4ACSR	0	0	579	249	6	0	0	0.00	0.61	0
CO27244+	CO27240	12.10	192 3-	1/0ACSR	817	773	619	257	778	17	8	0.05	0.60	54
CO27245+	CO27244	12.18	192 3-	1/0ACSR	813	769	615	256	778	17	8	0.01	0.62	13
CO27246+	CO27245	12.27	192 3-	1/0ACSR	808	764	611	256	778	17	8	0.01	0.63	17
CO27250+	CO27246	12.41	191 3-	1/0ACSR	801	757	605	255	775	17	8	0.02	0.65	23
CO27317+	CO27250	12.49	190 3-	1/0ACSR	796	753	602	254	770	17	8	0.01	0.66	15
CO27251+	CO27317	12.68	190 3-	1/0ACSR	787	744	594	253	770	17	8	0.03	0.69	32
CO27252+	CO27251	12.72	190 3-	1/0ACSR	784	742	592	253	770	17	8	0.01	0.70	7
CO27182+	CO27252	12.75	188 3-	1/0ACSR	783	740	591	252	762	17	7	0.00	0.70	5
CO27253+	CO27182	12.88	188 3-	1/0ACSR	776	734	586	252	762	17	7	0.02	0.72	23
CO27254+	CO27253	12.97	188 3-	1/0ACSR	772	730	582	251	762	17	7	0.01	0.73	15
CO27258+	CO27254	13.08	186 3-	1/0ACSR	766	725	578	250	757	17	7	0.02	0.75	19
CO27259+	CO27258	13.15	186 3-	1/0ACSR	762	721	575	250	756	17	7	0.01	0.76	13
CO27260+	CO27259	13.26	186 3-	1/0ACSR	757	716	571	249	756	17	7	0.02	0.78	18
CO27194+	CO27260	13.28	1 1-	4ACSR	0	0	569	249	0	0	0	0.00	0.78	0
CO27183+	CO27260	13.30	185 3-	1/0ACSR	755	715	569	249	756	17	7	0.01	0.78	6
CO27184+	CO27183	13.34	184 3-	1/0ACSR	754	713	568	249	755	17	7	0.01	0.79	6
CO30499+	CO27184	13.54	183 3-	1/0ACSR	744	704	560	247	752	17	7	0.03	0.82	35
CO27024+	CO30499	13.61	2 1-	4ACSR	0	0	556	247	6	0	0	0.00	0.82	0
CO27093+	CO30499	13.68	181 3-	1/0ACSR	738	698	555	246	746	16	7	0.02	0.84	22
CO27095+	CO27093	13.73	180 3-	1/0ACSR	735	696	553	246	733	16	7	0.01	0.85	9
CO27128+	CO27095	13.92	180 3-	1/0ACSR	727	688	547	245	733	16	7	0.03	0.87	29
CO27129+	CO27128	13.98	180 3-	1/0ACSR	724	685	545	245	733	16	7	0.01	0.88	9
CO26990+	CO27129	14.75	177 3-	1/0ACSR	691	655	519	240	704	15	7	0.11	0.99	113
CO27134+	CO26990	14.76	6 1-	4ACSR	0	0	519	240	33	2	2	0.00	0.99	0
OC828+	CO27134	14.76	6 1-	10 N FUSE	0	0	519	240	33	2	22	0.00	0.99	0
CO27135+	OC828	14.99	6 1-	4ACSR	0	0	507	237	33	2	2	0.01	1.00	0
CO27090+	CO27135	15.10	2 1-	4ACSR	0	0	503	236	14	0	1	0.00	1.00	0
CO27091+	CO27090	15.13	1 1-	4ACSR	0	0	501	236	7	0	0	0.00	1.00	0
CO27088+	CO27135	15.04	4 1-	4ACSR	0	0	505	237	19	1	1	0.00	1.00	0
CO27089+	CO27088	15.17	2 1-	4ACSR	0	0	499	235	0	0	0	0.00	1.00	0
CO27087+	CO27089	15.23	2 1-	4ACSR	0	0	497	235	0	0	0	0.00	1.00	0
CO1620110350+	CO27087	15.30	1 1-	2ACSR	0	0	494	234	0	0	0	0.00	1.00	0
CO-1413196059+	CO1620110350	15.31	0 1-	1/0PRIURD	0	0	494	363	0	0	0	0.00	1.00	0
CO-1437401406+	CO1620110350	15.42	1 1-	2ACSR	0	0	490	233	0	0	0	0.00	1.00	0
CO-509708034+	CO-1437401406	15.48	1 1-	1/0PRIURD	0	0	489	360	0	0	0	0.00	1.00	0
CO27036+	CO27087	15.28	1 1-	2ACSR	0	0	495	234	0	0	0	0.00	1.00	0
CO1280824492+	CO27088	15.12	0 1-	2ACSR	0	0	502	236	0	0	0	0.00	1.00	0
CO544020739+	CO1280824492	15.21	0 1-	2ACSR	0	0	499	235	0	0	0	0.00	1.00	0
CO-287991426+	CO544020739	15.29	0 1-	2ACSR	0	0	496	235	0	0	0	0.00	1.00	0
CO27092+	CO26990	14.94	171 3-	1/0ACSR	684	648	513	239	670	15	7	0.02	1.01	25

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27035+	CO27092	15.03	1 1-	2ACSR	0	0	510	238	8	0	0	0.00	1.02	0
CO27116+	CO27092	15.14	169 3-	1/0ACSR	676	640	507	238	652	14	6	0.03	1.04	25
CO27117+	CO27116	15.21	169 3-	1/0ACSR	673	638	505	237	652	14	6	0.01	1.05	9
CO26991+	CO27117	15.28	168 3-	1/0ACSR	671	635	503	237	647	14	6	0.01	1.06	9
CO26993+	CO26991	15.33	48 1-	4ACSR	0	0	501	236	158	10	8	0.01	1.07	3
CO27132+	CO26993	15.33	48 1-	4ACSR	0	0	500	236	158	10	8	0.00	1.07	0
OC827+	CO27132	15.33	48 1-	25 H OCR	0	0	500	236	158	10	43	0.00	1.07	0
CO27133+	OC827	15.40	48 1-	4ACSR	0	0	498	235	158	10	8	0.02	1.09	4
XFMR81	CO27133	15.40	48 1-	167 KVA 1PH AUT	0	0	482	155	158	10	93	0.62	1.70	0
CO27080	XFMR81	15.52	48 1-	4ACSR	0	0	474	154	158	21	15	0.12	1.82	31
CO27012	CO27080	15.58	1 1-	4ACSR	0	0	470	154	6	0	1	0.00	1.82	0
CO26994	CO27080	15.62	47 1-	4ACSR	0	0	467	153	152	20	15	0.10	1.92	24
CO26995	CO26994	15.79	44 1-	4ACSR	0	0	456	152	147	20	14	0.15	2.07	36
CO30390	CO26995	15.98	20 1-	4ACSR	0	0	445	150	71	9	7	0.08	2.16	10
CO27153	CO30390	16.04	2 1-	4ACSR	0	0	442	150	3	0	0	0.00	2.16	0
CO27154	CO27153	16.13	1 1-	4ACSR	0	0	436	149	3	0	0	0.00	2.16	0
CO27155	CO30390	16.29	18 1-	4ACSR	0	0	427	147	68	9	7	0.12	2.28	13
CO27156	CO27155	16.35	17 1-	4ACSR	0	0	423	147	61	8	6	0.03	2.30	3
CO27180	CO27156	16.53	14 1-	4ACSR	0	0	413	145	54	7	5	0.06	2.36	5
CO27181	CO27180	16.71	12 1-	4ACSR	0	0	403	144	48	6	5	0.05	2.41	4
CO27163	CO27181	16.84	12 1-	4ACSR	0	0	397	143	48	6	5	0.04	2.45	3
CO27164	CO27163	16.89	12 1-	4ACSR	0	0	394	142	48	6	5	0.02	2.47	0
CO27165	CO27164	16.99	11 1-	4ACSR	0	0	389	142	45	6	4	0.02	2.49	0
CO27142	CO27165	17.05	1 1-	4ACSR	0	0	386	141	1	0	0	0.00	2.49	0
CO27140	CO27165	17.03	9 1-	4ACSR	0	0	387	141	36	4	4	0.01	2.50	0
CO27178	CO27140	17.10	8 1-	4ACSR	0	0	384	141	24	3	2	0.01	2.51	0
CO27179	CO27178	17.25	7 1-	4ACSR	0	0	376	140	20	2	2	0.02	2.53	0
CO27166	CO27179	17.37	7 1-	4ACSR	0	0	371	139	20	2	2	0.01	2.54	0
CO27145	CO27166	17.53	1 1-	4ACSR	0	0	363	138	6	0	1	0.00	2.55	0
CO27167	CO27166	17.48	6 1-	4ACSR	0	0	366	138	15	2	1	0.01	2.55	0
CO27176	CO27167	17.50	6 1-	4ACSR	0	0	365	138	15	2	1	0.00	2.55	0
CO27177	CO27176	17.52	5 1-	4ACSR	0	0	364	138	14	1	1	0.00	2.56	0
CO27144	CO27177	17.88	2 1-	4ACSR	0	0	348	135	9	1	1	0.01	2.57	0
CO27174	CO27177	17.65	3 1-	4ACSR	0	0	358	137	5	0	0	0.00	2.56	0
CO27175	CO27174	17.77	3 1-	4ACSR	0	0	353	136	5	0	0	0.00	2.56	0
CO27168	CO27175	17.91	2 1-	4ACSR	0	0	347	135	5	0	0	0.00	2.57	0
CO27172	CO27168	17.94	2 1-	4ACSR	0	0	346	135	5	0	0	0.00	2.57	0
CO27173	CO27172	17.96	1 1-	4ACSR	0	0	345	134	0	0	0	0.00	2.57	0
CO27143	CO27140	17.19	1 1-	4ACSR	0	0	379	140	12	1	1	0.01	2.50	0
CO27161	CO27156	16.39	2 1-	4ACSR	0	0	421	146	7	0	1	0.00	2.30	0
CO27162	CO27161	16.44	2 1-	4ACSR	0	0	418	146	7	0	1	0.00	2.31	0
CO27160	CO27162	16.49	2 1-	4ACSR	0	0	416	146	7	0	1	0.00	2.31	0
CO27159	CO27160	16.51	2 1-	4ACSR	0	0	414	146	7	0	1	0.00	2.31	0
CO27158	CO27159	16.58	1 1-	4ACSR	0	0	411	145	1	0	0	0.00	2.31	0
CO27157	CO27158	16.64	1 1-	4ACSR	0	0	407	144	1	0	0	0.00	2.31	0
CO27084	CO26995	15.85	22 1-	4ACSR	0	0	453	151	70	9	7	0.02	2.09	3
CO27085	CO27084	15.95	19 1-	4ACSR	0	0	447	150	62	8	6	0.04	2.13	4
CO27013	CO27085	15.99	1 1-	4ACSR	0	0	444	150	9	1	1	0.00	2.13	0
CO27086	CO27085	16.08	18 1-	4ACSR	0	0	439	149	54	7	5	0.04	2.18	4
CO30518	CO27086	16.16	18 1-	4ACSR	0	0	434	148	54	7	5	0.03	2.20	0
CO2021199291	CO30518	16.21	0 1-	2ACSR	0	0	432	148	0	0	0	0.00	2.20	0
CO30519	CO30518	16.29	15 1-	4ACSR	0	0	427	147	45	6	4	0.03	2.23	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27141	CO30519	16.38	12 1-	4ACSR	0	0	421	147	30	4	3	0.02	2.25	0
CO30391	CO27141	16.63	10 1-	1/0ACSR	0	0	412	146	25	3	2	0.02	2.27	0
CO27353	CO30391	16.74	10 1-	1/0ACSR	0	0	408	145	25	3	2	0.01	2.28	0
CO27354	CO27353	16.86	10 1-	1/0ACSR	0	0	403	145	25	3	2	0.01	2.29	0
CO30393	CO27354	16.99	9 1-	1/0ACSR	0	0	399	144	25	3	2	0.01	2.30	0
CO30394	CO30393	17.30	9 1-	1/0ACSR	0	0	388	143	25	3	2	0.02	2.32	0
CO27322	CO30394	17.38	9 1-	4ACSR	0	0	384	142	25	3	2	0.01	2.33	0
CO27359	CO27322	17.61	8 1-	4ACSR	0	0	373	140	22	3	2	0.03	2.36	0
CO30396	CO27359	17.74	2 1-	2ACSR	0	0	368	140	1	0	0	0.00	2.36	0
CO27212	CO30396	17.82	2 1-	2ACSR	0	0	365	139	1	0	0	0.00	2.36	0
CO27213	CO27212	17.86	1 1-	2ACSR	0	0	364	139	1	0	0	0.00	2.36	0
CO27360	CO27359	17.69	6 1-	4ACSR	0	0	369	140	21	2	2	0.01	2.37	0
CO27323	CO27360	17.79	4 1-	4ACSR	0	0	365	139	14	1	1	0.01	2.38	0
CO27330	CO27323	17.88	3 1-	4ACSR	0	0	361	138	8	1	1	0.00	2.39	0
CO27361	CO27330	17.97	1 1-	4ACSR	0	0	357	138	7	0	1	0.00	2.39	0
CO27362	CO27361	18.01	0 1-	4ACSR	0	0	355	137	0	0	0	0.00	2.39	0
CO27324	CO27330	18.01	1 1-	4ACSR	0	0	355	137	0	0	0	0.00	2.39	0
CO27363	CO27324	18.12	0 1-	4ACSR	0	0	351	136	0	0	0	0.00	2.39	0
CO27364	CO27363	18.25	0 1-	4ACSR	0	0	345	135	0	0	0	0.00	2.39	0
CO27340	CO27324	18.20	1 1-	4ACSR	0	0	347	136	0	0	0	0.00	2.39	0
CO27347	CO27330	17.93	1 1-	4ACSR	0	0	359	138	1	0	0	0.00	2.39	0
CO27348	CO27323	17.86	1 1-	1/0PRIURD	0	0	363	242	6	0	1	0.00	2.38	0
CO30397	CO27360	17.91	2 1-	4ACSR	0	0	360	138	7	0	1	0.00	2.38	0
CO27214	CO30397	17.99	0 1-	4ACSR	0	0	356	137	0	0	0	0.00	2.38	0
CO27339	CO27322	17.43	1 1-	4ACSR	0	0	381	142	3	0	0	0.00	2.33	0
CO30395	CO30394	17.41	0 1-	4ACSR	0	0	382	142	0	0	0	0.00	2.32	0
CO27355	CO27354	16.98	1 1-	4ACSR	0	0	397	144	0	0	0	0.00	2.29	0
CO27356	CO27355	17.13	1 1-	4ACSR	0	0	390	142	0	0	0	0.00	2.29	0
CO27357	CO27356	17.22	1 1-	4ACSR	0	0	385	142	0	0	0	0.00	2.29	0
CO27358	CO27357	17.31	1 1-	4ACSR	0	0	381	141	0	0	0	0.00	2.29	0
CO27146	CO27141	16.48	2 1-	4ACSR	0	0	416	146	5	0	0	0.00	2.25	0
CO27150	CO30519	16.41	2 1-	4ACSR	0	0	420	146	7	0	1	0.00	2.23	0
CO27151	CO27150	16.51	1 1-	4ACSR	0	0	415	146	0	0	0	0.00	2.23	0
CO27152	CO27151	16.58	0 1-	4ACSR	0	0	410	145	0	0	0	0.00	2.23	0
CO27081	CO26994	15.70	3 1-	4ACSR	0	0	462	153	4	0	0	0.00	1.92	0
CO27082	CO27081	15.73	2 1-	4ACSR	0	0	461	152	4	0	0	0.00	1.92	0
CO27083	CO27082	15.92	1 1-	4ACSR	0	0	449	151	0	0	0	0.00	1.92	0
CO26992+	CO26991	15.51	117 3-	1/0ACSR	662	627	496	235	487	11	5	0.02	1.08	16
CO27078+	CO26992	15.66	0 1-	4ACSR	0	0	489	234	0	0	0	0.00	1.08	0
CO27079+	CO27078	15.80	0 1-	4ACSR	0	0	484	232	0	0	0	0.00	1.08	0
CO27098+	CO26992	15.58	117 3-	1/0ACSR	660	625	494	235	487	11	5	0.01	1.09	5
CO27099+	CO27098	15.80	116 3-	1/0ACSR	652	618	488	234	479	10	5	0.02	1.11	15
CO27100+	CO27099	15.93	116 3-	1/0ACSR	647	613	484	233	479	10	5	0.01	1.12	9
CO27101+	CO27100	15.95	115 3-	1/0ACSR	646	613	484	233	472	10	5	0.00	1.12	0
CO26996+	CO27101	16.06	113 3-	1/0ACSR	642	609	481	232	467	10	5	0.01	1.13	7
CO27014+	CO26996	16.11	1 1-	4ACSR	0	0	479	232	10	0	0	0.00	1.13	0
CO27102+	CO26996	16.11	111 3-	1/0ACSR	641	607	479	232	446	10	4	0.00	1.14	3
CO27103+	CO27102	16.15	110 3-	1/0ACSR	639	606	478	232	444	10	4	0.00	1.14	0
CO27104+	CO27103	16.25	109 3-	1/0ACSR	636	603	475	231	437	9	4	0.01	1.15	6
CO27105+	CO27104	16.28	109 3-	1/0ACSR	635	602	475	231	437	9	4	0.00	1.15	0
CO27136+	CO27105	16.29	108 1-	4ACSR	0	0	474	231	284	19	14	0.00	1.15	0
OC829+	CO27136	16.29	108 1-	50 E OCR	0	0	474	231	284	19	39	0.00	1.15	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27137+	OC829	16.38	108 1-	4ACSR	0	0	471	230	284	19	14	0.04	1.19	18
CO26997+	CO27137	16.42	85 1-	4ACSR	0	0	469	230	214	14	10	0.02	1.21	5
CO27071+	CO26997	16.50	72 1-	4ACSR	0	0	466	229	182	12	9	0.02	1.23	6
CO27072+	CO27071	16.55	72 1-	4ACSR	0	0	464	228	182	12	9	0.02	1.24	5
CO27070+	CO27072	16.64	71 1-	4ACSR	0	0	460	227	182	12	9	0.02	1.27	7
CO27120+	CO27070	16.66	71 1-	4ACSR	0	0	460	227	181	12	9	0.00	1.27	0
CO27121+	CO27120	16.70	70 1-	4ACSR	0	0	458	227	179	12	9	0.01	1.29	3
CO27108+	CO27121	16.75	70 1-	4ACSR	0	0	456	226	179	12	9	0.01	1.30	4
CO27109+	CO27108	16.80	69 1-	4ACSR	0	0	454	226	176	12	9	0.01	1.31	4
CO27068+	CO27109	16.88	6 1-	4ACSR	0	0	451	225	20	1	1	0.00	1.31	0
CO27069+	CO27068	16.90	3 1-	4ACSR	0	0	451	225	9	0	0	0.00	1.31	0
CO27118+	CO27069	16.93	3 1-	4ACSR	0	0	450	224	9	0	0	0.00	1.31	0
CO27119+	CO27118	16.96	1 1-	4ACSR	0	0	448	224	2	0	0	0.00	1.31	0
CO27110+	CO27109	16.88	61 1-	4ACSR	0	0	452	225	149	10	7	0.02	1.33	4
CO27111+	CO27110	16.93	60 1-	4ACSR	0	0	450	224	142	9	7	0.01	1.34	3
CO27138+	CO27111	16.94	59 1-	4ACSR	0	0	449	224	138	9	7	0.00	1.34	0
OC830+	CO27138	16.94	59 1-	50 E OCR	0	0	449	224	138	9	19	0.00	1.34	0
CO27139+	OC830	17.02	59 1-	4ACSR	0	0	446	223	138	9	7	0.02	1.36	4
CO27067+	CO27139	17.04	59 1-	4ACSR	0	0	446	223	138	9	7	0.00	1.36	0
CO30349+	CO27067	17.19	56 1-	4ACSR	0	0	440	222	117	8	6	0.03	1.39	5
CO25252+	CO30349	17.27	55 1-	4ACSR	0	0	437	221	117	7	6	0.01	1.41	2
XFMR82	CO25252	17.27	54 1-	167 KVA 1PH AUT	0	0	456	152	110	7	65	0.43	1.84	0
CO25251	XFMR82	17.32	54 1-	4ACSR	0	0	453	152	110	15	11	0.04	1.88	7
CO25383	CO25251	17.33	54 1-	4ACSR	0	0	452	152	110	15	11	0.00	1.88	0
OC765	CO25383	17.33	54 1-	20 N FUSE	0	0	452	152	110	15	76	0.00	1.88	0
CO25384	OC765	17.36	54 1-	4ACSR	0	0	450	151	110	15	11	0.02	1.90	4
CO25336	CO25384	17.42	54 1-	4ACSR	0	0	447	151	110	15	11	0.04	1.94	7
CO25335	CO25336	17.49	53 1-	4ACSR	0	0	442	150	110	15	11	0.05	1.99	9
CO25224	CO25335	17.55	51 1-	4ACSR	0	0	439	150	107	14	11	0.04	2.03	7
CO25236	CO25224	17.60	1 1-	4ACSR	0	0	436	149	4	0	0	0.00	2.03	0
CO25225	CO25224	17.70	50 1-	4ACSR	0	0	430	148	103	14	10	0.10	2.13	16
CO25254	CO25225	17.81	48 1-	4ACSR	0	0	424	147	100	13	10	0.07	2.19	11
CO25253	CO25254	17.87	47 1-	4ACSR	0	0	421	147	95	13	9	0.03	2.23	5
CO25255	CO25253	17.97	46 1-	4ACSR	0	0	415	146	92	12	9	0.06	2.28	8
CO25338	CO25255	18.02	1 1-	4ACSR	0	0	412	146	3	0	0	0.00	2.28	0
CO25337	CO25338	18.08	1 1-	4ACSR	0	0	409	145	3	0	0	0.00	2.29	0
CO25238	CO25255	18.06	2 1-	4ACSR	0	0	410	145	2	0	0	0.00	2.28	0
CO25258	CO25255	18.07	43 1-	4ACSR	0	0	410	145	88	12	9	0.06	2.34	8
CO25256	CO25258	18.10	39 1-	4ACSR	0	0	408	145	85	11	8	0.02	2.35	2
CO25257	CO25256	18.22	39 1-	4ACSR	0	0	402	144	85	11	8	0.06	2.42	8
CO25260	CO25257	18.27	38 1-	4ACSR	0	0	399	144	82	11	8	0.03	2.44	4
CO25259	CO25260	18.36	38 1-	4ACSR	0	0	394	143	82	11	8	0.05	2.49	6
CO25262	CO25259	18.40	38 1-	4ACSR	0	0	392	143	82	11	8	0.02	2.51	3
CO25261	CO25262	18.49	38 1-	4ACSR	0	0	388	142	82	11	8	0.05	2.56	6
CO30354	CO25261	18.67	35 1-	4ACSR	0	0	379	140	70	9	7	0.08	2.64	9
CO25406	CO30354	18.77	34 1-	4ACSR	0	0	374	140	70	9	7	0.04	2.68	5
CO25407	CO25406	18.81	33 1-	4ACSR	0	0	373	139	69	9	7	0.02	2.69	0
CO-679756971	CO25407	18.91	32 1-	2ACSR	0	0	369	139	69	9	5	0.03	2.73	3
CO-1553374567	CO-679756971	18.98	1 1-	2ACSR	0	0	366	138	0	0	0	0.00	2.73	0
CO930358855	CO-679756971	19.05	31 1-	2ACSR	0	0	364	138	69	9	5	0.04	2.77	4
CO25408	CO930358855	19.13	3 1-	4ACSR	0	0	360	137	9	1	1	0.00	2.77	0
CO25399	CO25408	19.17	1 1-	4ACSR	0	0	358	137	6	0	1	0.00	2.77	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25409	CO25408	19.25	1 1-	4ACSR	0	0	355	137	1	0	0	0.00	2.77	0
CO25410	CO930358855	19.15	28 1-	4ACSR	0	0	359	137	60	8	6	0.04	2.80	4
CO25411	CO25410	19.26	27 1-	4ACSR	0	0	354	136	56	7	6	0.04	2.84	3
CO25412	CO25411	19.43	26 1-	4ACSR	0	0	347	135	53	7	5	0.06	2.90	5
CO25413	CO25412	19.47	24 1-	4ACSR	0	0	346	135	52	7	5	0.01	2.91	0
CO25391	CO25413	19.56	23 1-	4ACSR	0	0	342	134	51	7	5	0.03	2.94	2
CO25416	CO25391	19.64	20 1-	4ACSR	0	0	339	134	46	6	5	0.02	2.96	0
CO25417	CO25416	19.71	18 1-	4ACSR	0	0	336	133	43	5	4	0.02	2.98	0
CO25418	CO25417	19.83	16 1-	4ACSR	0	0	331	132	36	4	4	0.03	3.00	0
CO25392	CO25418	19.90	15 1-	4ACSR	0	0	329	132	35	4	3	0.02	3.02	0
CO25393	CO25392	19.97	13 1-	4ACSR	0	0	326	131	29	4	3	0.01	3.03	0
CO25425	CO25393	20.08	1 1-	4ACSR	0	0	322	131	0	0	0	0.00	3.03	0
CO25426	CO25425	20.24	0 1-	4ACSR	0	0	316	130	0	0	0	0.00	3.03	0
CO25402	CO25425	20.22	1 1-	4ACSR	0	0	317	130	0	0	0	0.00	3.03	0
CO25419	CO25393	20.03	12 1-	4ACSR	0	0	324	131	29	4	3	0.01	3.04	0
CO-127304675	CO25419	20.23	12 1-	2ACSR	0	0	318	130	29	4	2	0.03	3.07	0
CO1281407286	CO-127304675	20.32	1 1-	2ACSR	0	0	316	130	0	0	0	0.00	3.07	0
CO-261609273	CO-127304675	20.36	11 1-	2ACSR	0	0	314	130	29	4	2	0.02	3.08	0
CO25421	CO-261609273	20.54	11 1-	4ACSR	0	0	308	128	29	4	3	0.03	3.12	0
CO25422	CO25421	20.66	7 1-	4ACSR	0	0	304	128	21	2	2	0.01	3.13	0
CO25423	CO25422	21.03	6 1-	4ACSR	0	0	292	125	19	2	2	0.04	3.17	0
CO25395	CO25423	21.31	5 1-	4ACSR	0	0	284	124	19	2	2	0.03	3.21	0
CO30435	CO25395	21.57	0 1-	4ACSR	0	0	277	122	0	0	0	0.00	3.21	0
CO25291	CO30435	21.89	0 1-	4ACSR	0	0	268	120	0	0	0	0.00	3.21	0
CO30350	CO25395	21.35	5 1-	4ACSR	0	0	283	123	19	2	2	0.01	3.21	0
CO25290	CO30350	21.38	4 1-	4ACSR	0	0	282	123	17	2	2	0.00	3.22	0
CO25245	CO25290	21.57	1 1-	4ACSR	0	0	277	122	1	0	0	0.00	3.22	0
CO25293	CO25290	21.62	3 1-	4ACSR	0	0	275	122	16	2	2	0.02	3.24	0
CO25292	CO25293	21.68	2 1-	4ACSR	0	0	273	121	15	2	1	0.00	3.24	0
CO25357	CO25292	21.79	1 1-	4ACSR	0	0	271	121	10	1	1	0.01	3.25	0
CO25356	CO25357	21.87	1 1-	4ACSR	0	0	268	120	10	1	1	0.00	3.25	0
CO25355	CO25292	21.74	0 1-	4ACSR	0	0	272	121	0	0	0	0.00	3.24	0
CO25354	CO25355	21.89	0 1-	4ACSR	0	0	268	120	0	0	0	0.00	3.24	0
CO25403	CO25423	21.20	1 1-	4ACSR	0	0	287	124	0	0	0	0.00	3.17	0
CO25396	CO25421	20.88	3 1-	4ACSR	0	0	297	126	8	1	1	0.02	3.13	0
CO25404	CO25396	20.98	0 1-	4ACSR	0	0	294	126	0	0	0	0.00	3.13	0
CO25424	CO25396	21.07	3 1-	4ACSR	0	0	291	125	8	1	1	0.00	3.14	0
CO-1877795446	CO25424	21.09	0 1-	2ACSR	0	0	291	125	0	0	0	0.00	3.14	0
CO1535933870	CO-1877795446	21.11	0 1-	2ACSR	0	0	290	125	0	0	0	0.00	3.14	0
CO25401	CO25392	19.96	2 1-	4ACSR	0	0	326	132	6	0	1	0.00	3.02	0
CO25400	CO25418	19.89	1 1-	4ACSR	0	0	329	132	0	0	0	0.00	3.00	0
CO25398	CO25391	19.64	3 1-	4ACSR	0	0	339	134	5	0	0	0.00	2.94	0
CO25414	CO25413	19.57	1 1-	4ACSR	0	0	341	134	1	0	0	0.00	2.91	0
CO25415	CO25414	19.58	1 1-	4ACSR	0	0	341	134	1	0	0	0.00	2.91	0
CO-1298225087	CO25407	18.86	1 1-	2ACSR	0	0	370	139	0	0	0	0.00	2.69	0
CO686984479	CO-1298225087	18.89	1 1-	2ACSR	0	0	370	139	0	0	0	0.00	2.69	0
CO-1718293908	CO686984479	18.96	1 1-	2ACSR	0	0	367	139	0	0	0	0.00	2.69	0
CO1285000461	CO-1718293908	19.04	1 1-	2ACSR	0	0	364	138	0	0	0	0.00	2.69	0
CO25340	CO25261	18.64	3 1-	4ACSR	0	0	380	141	12	1	1	0.01	2.57	0
CO25239	CO25340	18.70	1 1-	4ACSR	0	0	378	140	2	0	0	0.00	2.57	0
CO25339	CO25340	18.67	2 1-	4ACSR	0	0	379	140	10	1	1	0.00	2.57	0
CO30356	CO25339	18.69	2 1-	4ACSR	0	0	378	140	10	1	1	0.00	2.57	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25405	CO30356	18.73	1 1-	4ACSR	0	0	376	140	8	1	1	0.00	2.57	0
CO25237	CO25225	17.76	2 1-	4ACSR	0	0	427	148	3	0	0	0.00	2.13	0
CO25235	CO25335	17.57	2 1-	4ACSR	0	0	438	149	3	0	0	0.00	1.99	0
CO27065+	CO27067	17.07	2 1-	4ACSR	0	0	444	223	19	1	1	0.00	1.36	0
CO27066+	CO27065	17.16	1 1-	4ACSR	0	0	441	222	8	0	0	0.00	1.37	0
CO27023+	CO27111	17.00	0 1-	4ACSR	0	0	447	224	0	0	0	0.00	1.34	0
CO27114+	CO26997	16.47	13 1-	4ACSR	0	0	467	229	32	2	2	0.00	1.21	0
CO27115+	CO27114	16.54	12 1-	4ACSR	0	0	465	228	27	1	1	0.00	1.21	0
CO27073+	CO27115	16.64	12 1-	4ACSR	0	0	460	227	27	1	1	0.00	1.22	0
CO27124+	CO27073	16.69	4 1-	4ACSR	0	0	459	227	8	0	0	0.00	1.22	0
CO27125+	CO27124	16.73	3 1-	4ACSR	0	0	457	226	7	0	0	0.00	1.22	0
CO27077+	CO27125	16.83	2 1-	4ACSR	0	0	453	225	6	0	0	0.00	1.22	0
CO27075+	CO27073	16.68	4 1-	4ACSR	0	0	459	227	10	0	0	0.00	1.22	0
CO27076+	CO27075	16.69	4 1-	4ACSR	0	0	458	227	10	0	0	0.00	1.22	0
CO27074+	CO27076	16.73	1 1-	4ACSR	0	0	457	226	1	0	0	0.00	1.22	0
CO27106+	CO27137	16.46	23 1-	4ACSR	0	0	468	229	69	4	3	0.01	1.20	0
CO27107+	CO27106	16.47	22 1-	4ACSR	0	0	467	229	67	4	3	0.00	1.20	0
CO27021+	CO27107	16.48	0 1-	4ACSR	0	0	467	229	0	0	0	0.00	1.20	0
CO27020+	CO27107	16.48	0 1-	4ACSR	0	0	467	229	0	0	0	0.00	1.20	0
CO26998+	CO27107	16.53	22 1-	4ACSR	0	0	465	228	67	4	3	0.01	1.21	0
CO26999+	CO26998	16.62	17 1-	4ACSR	0	0	461	227	51	3	2	0.01	1.21	0
CO27122+	CO26999	16.66	14 1-	4ACSR	0	0	460	227	50	3	2	0.00	1.22	0
CO27123+	CO27122	16.74	12 1-	4ACSR	0	0	457	226	49	3	2	0.01	1.22	0
CO27016+	CO27123	16.83	0 1-	4ACSR	0	0	453	225	0	0	0	0.00	1.22	0
CO27000+	CO27123	16.83	11 1-	4ACSR	0	0	453	225	45	3	2	0.01	1.23	0
CO27001+	CO27000	17.08	10 1-	4ACSR	0	0	444	223	42	2	2	0.01	1.24	0
CO27061+	CO27001	17.27	8 1-	4ACSR	0	0	437	221	26	1	1	0.01	1.25	0
CO27062+	CO27061	17.43	8 1-	4ACSR	0	0	432	220	26	1	1	0.01	1.26	0
CO27002+	CO27062	17.56	5 1-	4ACSR	0	0	427	218	19	1	1	0.00	1.26	0
CO30392+	CO27002	17.75	3 1-	4ACSR	0	0	421	216	13	0	1	0.00	1.26	0
CO27169+	CO30392	17.83	3 1-	4ACSR	0	0	419	216	13	0	1	0.00	1.27	0
CO27149+	CO27169	17.89	1 1-	2ACSR	0	0	417	215	8	0	0	0.00	1.27	0
CO27170+	CO27169	17.88	2 1-	4ACSR	0	0	417	215	6	0	0	0.00	1.27	0
CO27148+	CO27170	18.06	2 1-	4ACSR	0	0	411	214	6	0	0	0.00	1.27	0
CO27059+	CO27002	17.63	1 1-	4ACSR	0	0	425	218	4	0	0	0.00	1.26	0
CO27060+	CO27059	17.71	1 1-	4ACSR	0	0	422	217	4	0	0	0.00	1.26	0
CO27022+	CO27062	17.48	2 1-	4ACSR	0	0	430	219	6	0	0	0.00	1.26	0
CO27112+	CO27062	17.71	1 1-	4ACSR	0	0	422	217	0	0	0	0.00	1.26	0
CO27113+	CO27112	17.86	0 1-	4ACSR	0	0	417	215	0	0	0	0.00	1.26	0
CO30389+	CO27113	18.01	0 1-	4ACSR	0	0	413	214	0	0	0	0.00	1.26	0
CO27171+	CO30389	18.04	0 1-	4ACSR	0	0	412	214	0	0	0	0.00	1.26	0
CO27015+	CO27001	17.17	1 1-	4ACSR	0	0	441	222	1	0	0	0.00	1.24	0
CO27063+	CO27000	16.89	1 1-	4ACSR	0	0	451	225	4	0	0	0.00	1.23	0
CO27064+	CO27063	16.93	1 1-	4ACSR	0	0	450	224	4	0	0	0.00	1.23	0
CO27018+	CO26999	16.68	1 1-	4ACSR	0	0	459	227	0	0	0	0.00	1.21	0
CO27017+	CO26999	16.68	1 1-	4ACSR	0	0	459	227	0	0	0	0.00	1.21	0
CO27019+	CO26998	16.58	1 1-	4ACSR	0	0	463	228	2	0	0	0.00	1.21	0
CO27010+	CO27101	16.02	2 1-	4ACSR	0	0	481	232	5	0	0	0.00	1.12	0
CO27011+	CO27117	15.26	1 1-	4ACSR	0	0	503	237	5	0	0	0.00	1.05	0
CO27034+	CO27129	14.02	1 1-	2ACSR	0	0	543	244	14	0	1	0.00	0.88	0
CO27096+	CO27129	14.02	2 1-	4ACSR	0	0	542	244	16	1	1	0.00	0.88	0
CO27097+	CO27096	14.13	1 1-	4ACSR	0	0	537	243	9	0	0	0.00	0.88	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27094+	CO27093	13.75	1 1-	2ACSR	0	0	552	246	13	0	0	0.00	0.84	0
CO27195+	CO27184	13.51	0 1-	4ACSR	0	0	558	247	0	0	0	0.00	0.79	0
CO27196+	CO27183	13.34	1 1-	4ACSR	0	0	567	248	2	0	0	0.00	0.78	0
CO27255+	CO27254	13.02	2 1-	4ACSR	0	0	579	250	5	0	0	0.00	0.73	0
CO27256+	CO27255	13.05	2 1-	4ACSR	0	0	577	250	5	0	0	0.00	0.74	0
CO27257+	CO27256	13.16	0 1-	4ACSR	0	0	571	249	0	0	0	0.00	0.74	0
OC1288751909+	CO27257	13.16	0 1-	35 E OCR	0	0	571	249	0	0	0	0.00	0.74	0
CO27311+	OC1288751909	13.16	0 1-	4ACSR	0	0	571	249	0	0	0	0.00	0.74	0
SW833-A+	CO27311	13.16	0 1-	Open	0	0	571	249	0	0	0	0.00	0.74	0
CO27193+	CO27182	12.77	0 1-	4ACSR	0	0	590	252	0	0	0	0.00	0.70	0
CO27192+	CO27252	12.79	2 1-	4ACSR	0	0	588	252	8	0	0	0.00	0.70	0
CO27247+	CO27246	12.37	1 1-	4ACSR	0	0	605	254	3	0	0	0.00	0.63	0
CO27248+	CO27247	12.43	1 1-	4ACSR	0	0	601	254	3	0	0	0.00	0.63	0
CO27249+	CO27248	12.47	1 1-	4ACSR	0	0	598	253	3	0	0	0.00	0.63	0
CO27235+	CO27189	11.08	2 1-	4ACSR	0	0	665	263	7	0	0	0.00	0.42	0
CO27234+	CO27235	11.10	1 1-	4ACSR	0	0	664	263	2	0	0	0.00	0.42	0
CO27205+	CO27189	11.01	0 1-	4ACSR	0	0	671	264	0	0	0	0.00	0.42	0
CO27531+	CO27528	10.41	1 1-	4ACSR	0	0	701	267	2	0	0	0.00	0.31	0
CO27532+	CO27531	10.47	1 1-	4ACSR	0	0	696	267	2	0	0	0.00	0.31	0
CO27530+	CO27532	10.57	1 1-	4ACSR	0	0	687	265	2	0	0	0.00	0.31	0
CO27526+	CO27525	10.33	0 1-	1/0ACSR	0	0	710	269	0	0	0	0.00	0.26	0
CO27527+	CO27526	10.50	0 1-	1/0ACSR	0	0	700	268	0	0	0	0.00	0.26	0
CO27522+	CO27470	9.82	2 1-	4ACSR	0	0	740	272	14	0	1	0.00	0.22	0
CO27519+	CO27464	9.72	1 1-	2ACSR	0	0	747	273	2	0	0	0.00	0.20	0
CO27520+	CO27519	9.74	1 1-	2ACSR	0	0	746	273	2	0	0	0.00	0.20	0
CO27521+	CO27520	9.78	1 1-	2ACSR	0	0	742	273	2	0	0	0.00	0.20	0
CO27487+	CO27518	9.66	1 1-	4ACSR	0	0	749	273	3	0	0	0.00	0.18	0
CO27488+	CO27463	9.44	2 1-	4ACSR	0	0	766	275	20	1	1	0.00	0.15	0
CO27489+	CO27462	9.55	1 1-	4ACSR	0	0	750	273	2	0	0	0.00	0.13	0
CO29706+	CO29733	7.63	1 1-	4ACSR	0	0	909	289	0	0	0	0.00	7.19	0
CO29707+	CO29706	7.72	0 1-	4ACSR	0	0	895	287	0	0	0	0.00	7.19	0
CO29734+	CO29662	7.15	138 1-	6ACWC	0	0	961	294	520	37	27	0.00	6.92	0
OC929+	CO29734	7.15	138 1-	70 E OCR	0	0	961	294	520	37	53	0.00	6.92	0
CO29735+	OC929	7.24	138 1-	6ACWC	0	0	947	292	520	37	27	0.08	6.99	67
CO29699+	CO29735	7.31	138 1-	6ACWC	0	0	937	291	520	37	27	0.06	7.05	50
CO29700+	CO29699	7.51	138 1-	6ACWC	0	0	909	288	519	37	27	0.16	7.21	142
CO29543+	CO29700	7.64	5 1-	6ACWC	0	0	890	286	15	1	1	0.00	7.22	0
CO29704+	CO29543	7.78	3 1-	6ACWC	0	0	871	284	14	0	1	0.00	7.22	0
CO29564+	CO29704	7.84	1 1-	6ACWC	0	0	864	283	10	0	1	0.00	7.22	0
CO29705+	CO29704	7.86	1 1-	6ACWC	0	0	860	282	3	0	0	0.00	7.22	0
CO29702+	CO29543	7.66	2 1-	6ACWC	0	0	887	286	2	0	0	0.00	7.22	0
CO29703+	CO29702	7.69	1 1-	6ACWC	0	0	883	285	1	0	0	0.00	7.22	0
CO29701+	CO29700	7.62	133 1-	6ACWC	0	0	893	286	503	36	26	0.09	7.31	78
CO30514+	CO29701	7.83	132 1-	6ACWC	0	0	865	283	498	35	26	0.17	7.47	142
CO29916+	CO30514	7.94	129 1-	6ACWC	0	0	851	281	489	35	25	0.09	7.56	71
CO29917+	CO29916	7.98	129 1-	6ACWC	0	0	846	281	488	35	25	0.03	7.59	27
CO29847+	CO29917	8.20	129 1-	6ACWC	0	0	818	277	488	35	25	0.18	7.78	149
CO29920+	CO29847	8.27	2 1-	6ACWC	0	0	810	276	8	0	0	0.00	7.78	0
CO29921+	CO29920	8.32	1 1-	6ACWC	0	0	804	276	8	0	0	0.00	7.78	0
CO29922+	CO29921	8.41	1 1-	6ACWC	0	0	794	274	8	0	0	0.00	7.78	0
CO29870+	CO29847	8.22	1 1-	6ACWC	0	0	815	277	2	0	0	0.00	7.78	0
CO29848+	CO29847	8.35	126 1-	6ACWC	0	0	800	275	478	34	25	0.12	7.89	96

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29869+	CO29848	8.45	0 1-	6ACWC	0	0	789	274	0	0	0	0.00	7.89	0
CO29923+	CO29848	8.43	126 1-	6ACWC	0	0	791	274	478	34	25	0.06	7.95	48
CO29924+	CO29923	8.54	123 1-	6ACWC	0	0	780	273	471	34	24	0.08	8.04	66
CO29925+	CO29924	8.73	122 1-	6ACWC	0	0	759	270	470	34	24	0.15	8.19	119
CO29868+	CO29925	8.88	0 1-	6ACWC	0	0	743	268	0	0	0	0.00	8.19	0
CO29849+	CO29925	9.32	118 1-	6ACWC	0	0	702	262	465	33	24	0.45	8.63	354
CO29931+	CO29849	9.54	6 1-	6ACWC	0	0	682	259	40	2	2	0.01	8.65	0
CO29932+	CO29931	9.60	5 1-	6ACWC	0	0	677	258	34	2	2	0.00	8.65	0
CO29895+	CO29932	9.72	1 1-	2ACSR	0	0	669	257	9	0	0	0.00	8.65	0
CO29871+	CO29932	9.68	1 1-	6ACWC	0	0	671	257	8	0	0	0.00	8.65	0
CO29933+	CO29932	9.66	3 1-	6ACWC	0	0	672	257	17	1	1	0.00	8.65	0
CO29935+	CO29933	9.72	2 1-	6ACWC	0	0	667	257	11	0	1	0.00	8.65	0
CO29936+	CO29935	9.78	2 1-	6ACWC	0	0	663	256	11	0	1	0.00	8.65	0
CO29937+	CO29936	9.85	1 1-	6ACWC	0	0	657	255	6	0	0	0.00	8.65	0
CO29934+	CO29933	9.70	1 1-	6ACWC	0	0	669	257	6	0	0	0.00	8.65	0
CO29929+	CO29849	9.41	1 1-	6ACWC	0	0	693	261	0	0	0	0.00	8.63	0
CO29930+	CO29929	9.50	1 1-	6ACWC	0	0	686	260	0	0	0	0.00	8.63	0
CO29866+	CO29849	9.55	111 1-	6ACWC	0	0	682	259	423	30	22	0.16	8.79	114
CO29983+	CO29866	9.55	90 1-	6ACWC	0	0	681	259	346	25	18	0.00	8.80	2
OC933+	CO29983	9.55	90 1-	50 H OCR	0	0	681	259	346	25	51	0.00	8.80	0
XFMR73	OC933	9.55	90 1-	333 KVA 1PH AUT	0	0	731	163	346	25	109	0.95	9.75	0
CO29984	XFMR73	9.67	90 1-	6ACWC	0	0	714	162	346	50	36	0.25	10.00	151
CO29938	CO29984	9.70	90 1-	6ACWC	0	0	708	161	345	50	36	0.08	10.08	45
CO29856	CO29938	9.82	89 1-	6ACWC	0	0	690	160	342	50	36	0.28	10.35	164
CO29859	CO29856	9.86	5 1-	6ACWC	0	0	684	160	15	2	2	0.00	10.36	0
CO29877	CO29859	9.93	1 1-	6ACWC	0	0	674	159	2	0	0	0.00	10.36	0
CO29939	CO29859	9.97	3 1-	6ACWC	0	0	668	159	13	1	1	0.01	10.37	0
CO29974	CO29939	10.02	1 1-	6ACWC	0	0	661	158	2	0	0	0.00	10.37	0
CO29975	CO29974	10.09	1 1-	6ACWC	0	0	652	158	2	0	0	0.00	10.37	0
CO29941	CO29939	10.03	0 1-	6ACWC	0	0	660	158	0	0	0	0.00	10.37	0
CO29896	CO29941	10.10	0 1-	2ACSR	0	0	651	158	0	0	0	0.00	10.37	0
CO29940	CO29939	10.01	2 1-	6ACWC	0	0	662	158	11	1	1	0.00	10.37	0
CO29857	CO29856	10.07	84 1-	6ACWC	0	0	654	158	327	48	34	0.53	10.89	301
CO29878	CO29857	10.10	1 1-	6ACWC	0	0	650	157	2	0	0	0.00	10.89	0
CO29858	CO29857	10.20	83 1-	6ACWC	0	0	636	156	324	47	34	0.28	11.16	154
CO29943	CO29858	10.24	2 1-	6ACWC	0	0	631	156	4	0	0	0.00	11.16	0
CO29944	CO29943	10.26	2 1-	6ACWC	0	0	629	156	4	0	0	0.00	11.16	0
CO29945	CO29944	10.31	2 1-	6ACWC	0	0	622	155	4	0	0	0.00	11.17	0
CO29946	CO29945	10.49	1 1-	6ACWC	0	0	600	154	4	0	0	0.00	11.17	0
CO29947	CO29946	10.61	1 1-	6ACWC	0	0	585	153	4	0	0	0.00	11.17	0
CO29956	CO29858	10.27	73 1-	6ACWC	0	0	628	156	295	43	31	0.13	11.29	66
CO29957	CO29956	10.39	72 1-	6ACWC	0	0	612	155	292	43	31	0.24	11.54	123
CO29958	CO29957	10.56	70 1-	6ACWC	0	0	591	153	285	42	30	0.32	11.85	158
CO29882	CO29958	10.62	0 1-	6ACWC	0	0	585	153	0	0	0	0.00	11.85	0
CO29881	CO29958	10.62	1 1-	6ACWC	0	0	584	153	3	0	0	0.00	11.85	0
CO29860	CO29958	10.62	69 1-	6ACWC	0	0	585	153	281	41	30	0.11	11.96	52
CO29883	CO29860	10.69	2 1-	6ACWC	0	0	576	152	8	1	1	0.00	11.96	0
CO29861	CO29860	10.68	66 1-	6ACWC	0	0	578	152	267	39	28	0.11	12.07	51
CO29889	CO29861	10.74	1 1-	4ACSR	0	0	571	152	8	1	1	0.00	12.07	0
CO29865	CO29861	10.79	65 1-	4ACSR	0	0	565	151	259	38	28	0.19	12.26	88
CO29862	CO29865	10.87	62 1-	6ACWC	0	0	557	151	245	36	26	0.13	12.39	55
CO29966	CO29862	10.96	1 1-	4ACSR	0	0	547	150	11	1	1	0.00	12.39	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29967	CO29966	10.97	0 1-	4ACSR	0	0	545	150	0	0	0	0.00	12.39	0
CO29968	CO29862	10.93	55 1-	6ACWC	0	0	550	150	218	32	23	0.10	12.48	37
CO29969	CO29968	10.96	54 1-	6ACWC	0	0	547	150	214	31	23	0.03	12.52	13
CO29970	CO29969	11.05	53 1-	6ACWC	0	0	538	149	210	31	23	0.13	12.65	49
CO29971	CO29970	11.14	53 1-	6ACWC	0	0	529	148	210	31	23	0.12	12.77	43
CO29863	CO29971	11.37	3 1-	6ACWC	0	0	507	146	13	2	1	0.02	12.79	0
CO29890	CO29863	11.42	1 1-	6ACWC	0	0	503	146	10	1	1	0.00	12.79	0
CO29948	CO29863	11.50	2 1-	4ACSR	0	0	496	145	3	0	0	0.00	12.79	0
CO29949	CO29948	11.51	1 1-	4ACSR	0	0	494	145	0	0	0	0.00	12.79	0
CO29950	CO29949	11.56	1 1-	4ACSR	0	0	490	145	0	0	0	0.00	12.79	0
CO29951	CO29971	11.21	48 1-	6ACWC	0	0	522	148	182	27	20	0.09	12.86	29
CO29972	CO29951	11.30	47 1-	6ACWC	0	0	514	147	179	26	19	0.10	12.96	31
CO29973	CO29972	11.37	46 1-	6ACWC	0	0	508	146	177	26	19	0.08	13.04	26
CO30485	CO29973	11.66	44 1-	6ACWC	0	0	482	144	176	26	19	0.35	13.39	108
CO30046	CO30485	11.90	43 1-	6ACWC	0	0	463	142	175	26	19	0.28	13.67	87
CO30009	CO30046	12.03	2 1-	6ACWC	0	0	453	141	6	0	1	0.00	13.67	0
CO30047	CO30046	11.99	41 1-	6ACWC	0	0	456	141	168	25	18	0.10	13.77	31
CO30048	CO30047	12.17	40 1-	6ACWC	0	0	443	140	166	25	18	0.21	13.97	61
CO30011	CO30048	12.25	2 1-	6ACWC	0	0	437	140	4	0	0	0.00	13.98	0
CO30016	CO30011	12.32	1 1-	4ACSR	0	0	432	139	1	0	0	0.00	13.98	0
CO29994	CO30048	12.32	38 1-	6ACWC	0	0	432	139	162	24	17	0.16	14.14	47
CO30010	CO29994	12.39	1 1-	6ACWC	0	0	428	139	6	0	1	0.00	14.14	0
CO29993	CO29994	12.40	36 1-	6ACWC	0	0	427	138	151	22	16	0.08	14.21	21
CO30049	CO29993	12.42	2 1-	6ACWC	0	0	426	138	0	0	0	0.00	14.21	0
CO30050	CO30049	12.49	1 1-	6ACWC	0	0	421	138	0	0	0	0.00	14.21	0
CO29992	CO29993	12.57	34 1-	6ACWC	0	0	416	137	150	22	16	0.17	14.39	47
CO30087	CO29992	12.57	20 1-	6ACWC	0	0	415	137	82	12	9	0.00	14.39	0
OC934	CO30087	12.57	20 1-	15 H OCR	0	0	415	137	82	12	83	0.00	14.39	0
CO30088	OC934	13.01	20 1-	6ACWC	0	0	389	134	82	12	9	0.24	14.63	35
CO29985	CO30088	13.29	15 1-	6ACWC	0	0	374	132	71	10	8	0.13	14.76	17
CO30064	CO29985	13.32	13 1-	6ACWC	0	0	373	132	68	10	7	0.01	14.78	0
CO30065	CO30064	13.38	12 1-	6ACWC	0	0	370	132	65	9	7	0.02	14.80	3
CO30066	CO30065	13.72	11 1-	6ACWC	0	0	353	129	58	8	6	0.12	14.92	12
CO30067	CO30066	13.82	9 1-	6ACWC	0	0	348	129	47	7	5	0.03	14.96	3
CO29998	CO30067	13.99	0 1-	6ACWC	0	0	341	128	0	0	0	0.00	14.96	0
CO30068	CO30067	13.90	9 1-	6ACWC	0	0	345	128	47	7	5	0.02	14.98	0
CO30069	CO30068	14.01	7 1-	6ACWC	0	0	340	128	46	7	5	0.03	15.01	3
CO30072	CO30069	14.05	6 1-	6ACWC	0	0	338	127	40	6	4	0.01	15.03	0
CO30073	CO30072	14.10	6 1-	6ACWC	0	0	336	127	40	6	4	0.02	15.04	0
CO30484	CO30073	14.31	4 1-	6ACWC	0	0	327	126	29	4	3	0.04	15.08	0
CO29897	CO30484	14.34	1 1-	2ACSR	0	0	326	126	10	1	1	0.00	15.08	0
CO29915	CO29897	14.56	1 1-	1/0PRIURD	0	0	321	209	10	1	1	0.00	15.09	0
CO29913	CO30484	14.41	3 1-	6ACWC	0	0	323	125	18	2	2	0.01	15.09	0
CO29914	CO29913	14.46	1 1-	6ACWC	0	0	321	125	1	0	0	0.00	15.09	0
CO30000	CO30073	14.14	1 1-	6ACWC	0	0	334	127	7	1	1	0.00	15.04	0
CO29999	CO30073	14.24	1 1-	6ACWC	0	0	330	126	4	0	0	0.00	15.04	0
CO30070	CO30069	14.07	1 1-	4ACSR	0	0	337	127	6	0	1	0.00	15.02	0
CO30071	CO30070	14.18	1 1-	4ACSR	0	0	332	126	6	0	1	0.00	15.02	0
CO29997	CO29985	13.36	1 1-	6ACWC	0	0	370	132	2	0	0	0.00	14.76	0
CO30058	CO30088	13.08	4 1-	6ACWC	0	0	386	134	8	1	1	0.00	14.64	0
CO30089	CO30058	13.32	3 1-	6ACWC	0	0	373	132	7	1	1	0.01	14.65	0
CO30059	CO30089	13.33	3 1-	6ACWC	0	0	372	132	7	1	1	0.00	14.65	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30060	CO30059	13.57	1 1-	6ACWC	0	0	360	130	6	0	1	0.01	14.66	0
CO30013	CO30060	13.67	0 1-	6ACWC	0	0	355	130	0	0	0	0.00	14.66	0
CO30061	CO30060	13.69	1 1-	6ACWC	0	0	354	130	6	0	1	0.00	14.66	0
CO30062	CO30061	13.72	1 1-	6ACWC	0	0	353	129	6	0	1	0.00	14.66	0
CO30063	CO30062	13.86	1 1-	6ACWC	0	0	347	129	6	0	1	0.00	14.67	0
CO29991	CO29992	12.80	14 1-	6ACWC	0	0	402	136	69	10	7	0.11	14.50	13
CO30012	CO29991	12.93	1 1-	6ACWC	0	0	394	135	2	0	0	0.00	14.50	0
CO29995	CO29991	13.01	12 1-	6ACWC	0	0	390	134	65	9	7	0.09	14.59	11
CO30090	CO29995	13.20	11 1-	6ACWC	0	0	379	133	56	8	6	0.07	14.66	6
CO30051	CO30090	13.27	10 1-	6ACWC	0	0	375	132	48	7	5	0.03	14.68	2
CO30056	CO30051	13.43	3 1-	6ACWC	0	0	367	131	4	0	0	0.00	14.69	0
CO30057	CO30056	13.59	2 1-	6ACWC	0	0	359	130	4	0	0	0.00	14.69	0
CO30052	CO30051	13.39	7 1-	6ACWC	0	0	369	132	45	6	5	0.03	14.71	2
CO29996	CO30052	13.46	1 1-	6ACWC	0	0	366	131	5	0	1	0.00	14.72	0
CO30053	CO30052	13.41	5 1-	6ACWC	0	0	368	131	30	4	3	0.00	14.72	0
CO30054	CO30053	13.47	4 1-	6ACWC	0	0	365	131	26	3	3	0.01	14.73	0
CO30018	CO30054	13.51	3 1-	2ACSR	0	0	363	131	19	2	2	0.00	14.73	0
CO758365666	CO30018	13.52	2 1-	2ACSR	0	0	363	131	12	1	1	0.00	14.73	0
CO1698527219	CO758365666	13.57	1 1-	2ACSR	0	0	361	131	5	0	0	0.00	14.73	0
CO30055	CO30054	13.51	1 1-	6ACWC	0	0	363	131	7	1	1	0.00	14.73	0
CO30014	CO29995	13.04	1 1-	6ACWC	0	0	387	134	9	1	1	0.00	14.59	0
CO29886	CO29973	11.42	1 1-	6ACWC	0	0	502	146	1	0	0	0.00	13.04	0
CO29959	CO29862	10.92	5 1-	6ACWC	0	0	551	150	12	1	1	0.00	12.39	0
CO29960	CO29959	10.95	4 1-	6ACWC	0	0	548	150	11	1	1	0.00	12.39	0
CO29961	CO29960	11.00	3 1-	6ACWC	0	0	543	149	11	1	1	0.00	12.39	0
CO29962	CO29961	11.19	2 1-	6ACWC	0	0	524	148	7	1	1	0.01	12.40	0
CO29963	CO29962	11.31	2 1-	6ACWC	0	0	512	147	7	1	1	0.00	12.41	0
CO29964	CO29963	11.50	1 1-	6ACWC	0	0	495	145	0	0	0	0.00	12.41	0
CO29965	CO29964	11.60	1 1-	6ACWC	0	0	487	145	0	0	0	0.00	12.41	0
CO29885	CO29865	10.94	1 1-	6ACWC	0	0	549	150	6	0	1	0.00	12.26	0
CO29884	CO29865	10.85	2 1-	6ACWC	0	0	559	151	8	1	1	0.00	12.26	0
CO29880	CO29858	10.30	3 1-	6ACWC	0	0	624	156	9	1	1	0.00	11.17	0
CO29879	CO29858	10.33	1 1-	6ACWC	0	0	619	155	1	0	0	0.00	11.16	0
CO29876	CO29938	9.76	1 1-	6ACWC	0	0	698	161	2	0	0	0.00	10.08	0
CO29952+	CO29866	9.63	21 1-	6ACWC	0	0	675	258	77	5	4	0.01	8.80	0
CO29891+	CO29952	9.68	1 1-	2ACSR	0	0	671	257	7	0	0	0.00	8.80	0
CO29953+	CO29952	9.70	20 1-	6ACWC	0	0	669	257	71	5	4	0.01	8.81	0
CO29855+	CO29953	9.85	20 1-	6ACWC	0	0	657	255	71	5	4	0.02	8.83	0
CO29854+	CO29855	10.07	17 1-	6ACWC	0	0	640	252	61	4	3	0.02	8.85	2
CO29981+	CO29854	10.16	14 1-	6ACWC	0	0	633	251	56	4	3	0.01	8.86	0
CO29982+	CO29981	10.33	14 1-	6ACWC	0	0	620	249	56	4	3	0.02	8.87	0
CO29853+	CO29982	10.43	7 1-	6ACWC	0	0	613	248	20	1	1	0.00	8.88	0
CO29852+	CO29853	10.56	5 1-	6ACWC	0	0	604	246	18	1	1	0.00	8.88	0
CO29976+	CO29852	10.67	4 1-	6ACWC	0	0	597	245	10	0	1	0.00	8.88	0
CO29977+	CO29976	10.74	2 1-	6ACWC	0	0	592	244	4	0	0	0.00	8.88	0
CO29892+	CO29977	10.79	1 1-	2ACSR	0	0	589	244	4	0	0	0.00	8.88	0
CO29874+	CO29852	10.64	0 1-	6ACWC	0	0	599	246	0	0	0	0.00	8.88	0
CO29875+	CO29853	10.47	2 1-	6ACWC	0	0	610	247	1	0	0	0.00	8.88	0
CO30513+	CO29982	10.70	7 1-	4ACSR	0	0	594	245	36	2	2	0.02	8.90	0
CO29714+	CO30513	10.91	6 1-	4ACSR	0	0	581	242	36	2	2	0.01	8.91	0
CO29715+	CO29714	10.97	4 1-	4ACSR	0	0	577	242	26	1	1	0.00	8.91	0
CO29594+	CO29715	11.12	1 1-	4ACSR	0	0	568	240	10	0	1	0.00	8.91	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29593+	CO29715	11.08	3 1-	4ACSR	0	0	570	240	16	1	1	0.00	8.91	0
CO29712+	CO30513	10.91	1 1-	4ACSR	0	0	581	242	0	0	0	0.00	8.90	0
CO29713+	CO29712	10.96	1 1-	4ACSR	0	0	578	242	0	0	0	0.00	8.90	0
CO29595+	CO29713	11.00	1 1-	4ACSR	0	0	575	241	0	0	0	0.00	8.90	0
CO29720+	CO29713	11.03	0 1-	4ACSR	0	0	573	241	0	0	0	0.00	8.90	0
SW930-B+	CO29720	11.03	0 1-	Open	0	0	573	241	0	0	0	0.00	8.90	0
CO29978+	CO29854	10.19	3 1-	6ACWC	0	0	631	251	5	0	0	0.00	8.85	0
CO29979+	CO29978	10.22	3 1-	6ACWC	0	0	629	251	5	0	0	0.00	8.85	0
CO29980+	CO29979	10.26	2 1-	6ACWC	0	0	626	250	4	0	0	0.00	8.85	0
CO29954+	CO29855	9.91	3 1-	6ACWC	0	0	652	254	10	0	1	0.00	8.83	0
CO29955+	CO29954	9.96	2 1-	6ACWC	0	0	648	254	8	0	0	0.00	8.83	0
CO29873+	CO29953	9.76	0 1-	6ACWC	0	0	664	256	0	0	0	0.00	8.81	0
CO29926+	CO29925	8.80	3 1-	6ACWC	0	0	752	269	2	0	0	0.00	8.19	0
CO29927+	CO29926	8.96	2 1-	6ACWC	0	0	736	267	2	0	0	0.00	8.19	0
CO29928+	CO29927	9.02	1 1-	6ACWC	0	0	730	266	2	0	0	0.00	8.19	0
CO29918+	CO29917	8.13	0 1-	6ACWC	0	0	827	279	0	0	0	0.00	7.59	0
CO29919+	CO29918	8.18	0 1-	6ACWC	0	0	820	278	0	0	0	0.00	7.59	0
CO29867+	CO30514	7.97	3 1-	6ACWC	0	0	846	281	9	0	0	0.00	7.48	0
CO29663+	CO29662	7.23	75 2-	2ACSR	0	1145	951	293	201	7	4	0.01	6.92	3
CO29665+	CO29663	7.27	75 2-	2ACSR	0	1140	947	292	201	7	4	0.00	6.93	0
CO29603+	CO29665	7.35	1 1-	6ACWC	0	0	935	291	3	0	0	0.00	6.93	0
CO29664+	CO29665	7.38	74 2-	2ACSR	0	1125	933	291	198	7	4	0.01	6.94	4
CO29666+	CO29664	7.43	72 2-	2ACSR	0	1118	927	291	190	6	4	0.00	6.94	0
CO29667+	CO29666	7.50	71 2-	2ACSR	0	1109	919	290	187	6	4	0.01	6.95	0
CO29547+	CO29667	7.59	27 1-	2ACSR	0	0	908	289	51	3	2	0.01	6.95	0
AU99	CO29547	7.59	26 1-	167 KVA 1PH AUT	0	0	601	165	49	3	30	0.19	7.15	0
CO29728	AU99	7.59	26 1-	6ACWC	0	0	601	165	49	7	5	0.00	7.15	0
OC924	CO29728	7.59	26 1-	70 L OCR	0	0	601	165	49	7	10	0.00	7.15	0
CO29602	OC924	7.63	1 1-	2ACSR	0	0	598	165	6	0	0	0.00	7.15	0
CO29729	OC924	7.62	25 1-	2ACSR	0	0	599	165	43	6	3	0.01	7.16	0
CO29678	CO29729	7.77	24 1-	2ACSR	0	0	587	164	42	5	3	0.03	7.18	0
CO29566	CO29678	7.79	0 1-	6ACWC	0	0	585	164	0	0	0	0.00	7.18	0
CO29544	CO29678	8.27	24 1-	2ACSR	0	0	548	160	42	5	3	0.09	7.28	6
CO29567	CO29544	8.30	0 1-	6ACWC	0	0	546	160	0	0	0	0.00	7.28	0
CO994931246	CO29567	8.33	0 1-	2ACSR	0	0	544	160	0	0	0	0.00	7.28	0
CO29545	CO29544	8.42	23 1-	2ACSR	0	0	538	159	41	5	3	0.03	7.30	0
CO29680	CO29545	8.50	20 1-	6ACWC	0	0	532	158	37	5	4	0.02	7.32	0
CO29681	CO29680	8.56	20 1-	6ACWC	0	0	527	158	37	5	4	0.01	7.33	0
CO29573	CO29681	8.61	19 1-	4ACSR	0	0	523	157	35	4	4	0.01	7.35	0
CO29600	CO29573	8.62	18 1-	2ACSR	0	0	522	157	31	4	2	0.00	7.35	0
CO29572	CO29600	8.65	17 1-	4ACSR	0	0	520	157	30	4	3	0.01	7.35	0
CO29682	CO29572	8.71	17 1-	6ACWC	0	0	515	156	30	4	3	0.01	7.37	0
CO29684	CO29682	8.82	15 1-	2ACSR	0	0	508	156	27	3	2	0.01	7.38	0
CO29601	CO29684	8.90	2 1-	2ACSR	0	0	503	155	1	0	0	0.00	7.38	0
CO29686	CO29601	9.14	1 1-	6ACWC	0	0	485	153	1	0	0	0.00	7.38	0
CO29687	CO29686	9.23	1 1-	6ACWC	0	0	479	152	1	0	0	0.00	7.38	0
CO29685	CO29684	8.90	13 1-	6ACWC	0	0	502	155	26	3	3	0.01	7.39	0
CO29688	CO29685	9.12	12 1-	6ACWC	0	0	486	153	23	3	2	0.03	7.42	0
CO29689	CO29688	9.27	12 1-	6ACWC	0	0	475	152	23	3	2	0.02	7.44	0
CO29366	CO29689	9.37	1 1-	6ACWC	0	0	469	151	0	0	0	0.00	7.44	0
CO30508	CO29689	9.53	10 1-	6ACWC	0	0	458	149	21	3	2	0.03	7.48	0
CO29367	CO30508	9.68	8 1-	6ACWC	0	0	448	148	19	2	2	0.02	7.50	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29313	CO29367	9.76	8 1-	6ACWC	0	0	443	147	19	2	2	0.01	7.51	0
CO29387	CO29313	9.83	8 1-	6ACWC	0	0	439	147	19	2	2	0.01	7.51	0
CO29388	CO29387	9.92	8 1-	6ACWC	0	0	433	146	19	2	2	0.01	7.53	0
CO29390	CO29388	9.98	8 1-	6ACWC	0	0	429	146	19	2	2	0.01	7.53	0
CO29389	CO29390	10.11	7 1-	6ACWC	0	0	422	144	17	2	2	0.01	7.55	0
CO29391	CO29389	10.18	7 1-	6ACWC	0	0	418	144	17	2	2	0.01	7.55	0
CO29392	CO29391	10.23	7 1-	6ACWC	0	0	415	143	17	2	2	0.01	7.56	0
CO29327	CO29392	10.33	2 1-	6ACWC	0	0	409	143	2	0	0	0.00	7.56	0
CO29393	CO29392	10.29	5 1-	6ACWC	0	0	412	143	15	2	2	0.01	7.57	0
CO29394	CO29393	10.50	4 1-	6ACWC	0	0	400	141	13	1	1	0.02	7.58	0
CO29312	CO29394	10.62	4 1-	6ACWC	0	0	393	140	13	1	1	0.01	7.59	0
CO29314	CO29312	10.66	3 1-	6ACWC	0	0	391	140	10	1	1	0.00	7.60	0
CO29326	CO29314	10.80	2 1-	6ACWC	0	0	384	139	0	0	0	0.00	7.60	0
CO360074577	CO29326	10.86	1 1-	2ACSR	0	0	382	139	0	0	0	0.00	7.60	0
CO162481232	CO360074577	10.93	1 1-	2ACSR	0	0	379	138	0	0	0	0.00	7.60	0
CO29404	CO29314	10.76	1 1-	6ACWC	0	0	387	139	10	1	1	0.01	7.60	0
CO29405	CO29404	10.80	1 1-	6ACWC	0	0	385	139	10	1	1	0.00	7.60	0
CO29330	CO29312	10.70	1 1-	6ACWC	0	0	389	140	3	0	0	0.00	7.59	0
CO29325	CO29394	10.56	0 1-	6ACWC	0	0	397	141	0	0	0	0.00	7.58	0
CO29328	CO29393	10.34	1 1-	6ACWC	0	0	409	143	3	0	0	0.00	7.57	0
CO29683	CO29682	8.75	2 1-	6ACWC	0	0	512	156	3	0	0	0.00	7.37	0
CO29679	CO29545	8.49	1 1-	6ACWC	0	0	532	158	0	0	0	0.00	7.30	0
CO29574	CO29679	8.62	1 1-	4ACSR	0	0	522	157	0	0	0	0.00	7.30	0
CO29724	CO29544	8.33	1 1-	6ACWC	0	0	544	160	1	0	0	0.00	7.28	0
OC922	CO29724	8.33	1 1-	35 H OCR	0	0	544	160	1	0	0	0.00	7.28	0
CO29725	OC922	8.49	1 1-	6ACWC	0	0	531	158	1	0	0	0.00	7.28	0
CO29690	CO29725	8.58	1 1-	6ACWC	0	0	524	157	1	0	0	0.00	7.28	0
CO29668+	CO29667	7.63	44 1-	2ACSR	0	0	903	288	136	9	5	0.02	6.97	5
OC42462805+	CO29668	7.63	42 1-	70 E OCR	0	0	903	288	131	9	13	0.00	6.97	0
CO29669+	OC42462805	7.77	42 1-	2ACSR	0	0	887	287	131	9	5	0.02	6.99	4
CO29670+	CO29669	8.06	41 1-	2ACSR	0	0	857	283	127	9	5	0.04	7.03	8
CO29671+	CO29670	8.10	40 1-	2ACSR	0	0	853	283	124	8	5	0.00	7.04	0
CO29672+	CO29671	8.18	40 1-	2ACSR	0	0	844	282	124	8	5	0.01	7.05	2
CO29673+	CO29672	8.29	40 1-	2ACSR	0	0	834	281	124	8	5	0.01	7.06	3
CO29675+	CO29673	8.34	39 1-	2ACSR	0	0	829	280	117	8	5	0.01	7.07	0
CO29676+	CO29675	8.40	39 1-	2ACSR	0	0	823	280	117	8	5	0.01	7.08	0
CO-1146776569+	CO29676	8.58	38 1-	2ACSR	0	0	806	278	117	8	5	0.02	7.10	4
CO-78541774+	CO-1146776569	8.65	38 1-	2ACSR	0	0	799	277	117	8	5	0.01	7.11	0
CO-1730000087+	CO-78541774	8.77	38 1-	2ACSR	0	0	789	276	117	8	5	0.02	7.13	3
CO1098915347+	CO-1730000087	8.87	38 1-	2ACSR	0	0	780	275	117	8	5	0.01	7.14	2
CO1208611609+	CO1098915347	8.95	38 1-	2ACSR	0	0	773	274	117	8	5	0.01	7.15	0
CO29698+	CO1208611609	9.15	1 1-	2ACSR	0	0	756	272	1	0	0	0.00	7.15	0
CO29697+	CO1208611609	9.01	37 1-	2ACSR	0	0	768	273	115	8	5	0.01	7.16	0
CO29696+	CO29697	9.08	37 1-	2ACSR	0	0	762	273	115	8	5	0.01	7.16	0
CO29695+	CO29696	9.15	37 1-	2ACSR	0	0	757	272	115	8	5	0.01	7.17	0
CO29694+	CO29695	9.23	37 1-	2ACSR	0	0	750	271	115	8	5	0.01	7.18	0
CO29549+	CO29694	9.34	3 1-	6ACWC	0	0	739	270	5	0	0	0.00	7.18	0
CO30507+	CO29549	9.52	2 1-	6ACWC	0	0	722	267	5	0	0	0.00	7.19	0
CO29385+	CO30507	9.60	1 1-	6ACWC	0	0	715	266	3	0	0	0.00	7.19	0
CO29386+	CO29385	9.69	1 1-	6ACWC	0	0	706	265	3	0	0	0.00	7.19	0
CO29548+	CO29549	9.59	1 1-	6ACWC	0	0	716	266	0	0	0	0.00	7.18	0
CO29569+	CO29548	9.84	1 1-	6ACWC	0	0	693	263	0	0	0	0.00	7.18	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29692+	CO29694	9.27	0 1-	6ACWC	0	0	746	271	0	0	0	0.00	7.18	0
CO30398+	CO29694	9.37	34 1-	6ACWC	0	0	736	269	110	7	6	0.03	7.21	5
CO-1031816591+	CO30398	9.61	34 1-	2ACSR	0	0	718	267	110	7	4	0.03	7.24	5
CO-100720700+	CO-1031816591	9.94	34 1-	2ACSR	0	0	694	264	110	7	4	0.04	7.28	7
CO-449593381+	CO-100720700	10.08	34 1-	2ACSR	0	0	685	262	110	7	4	0.02	7.30	3
CO-1302566506+	CO-449593381	10.19	34 1-	2ACSR	0	0	677	261	110	7	4	0.01	7.31	3
CO1699863868+	CO-1302566506	10.20	0 1-	2ACSR	0	0	677	261	0	0	0	0.00	7.31	0
CO30386+	CO-1302566506	10.24	1 1-	4ACSR	0	0	673	261	1	0	0	0.00	7.31	0
CO526154038+	CO-1302566506	10.35	32 1-	2ACSR	0	0	667	260	108	7	4	0.02	7.33	3
CO795186445+	CO526154038	10.39	4 1-	2ACSR	0	0	665	259	8	0	0	0.00	7.33	0
CO27224+	CO795186445	10.49	3 1-	4ACSR	0	0	656	258	6	0	0	0.00	7.33	0
CO-1535687699+	CO27224	10.59	0 1-	2ACSR	0	0	650	257	0	0	0	0.00	7.33	0
CO27225+	CO27224	10.60	2 1-	4ACSR	0	0	648	257	6	0	0	0.00	7.33	0
CO-380776237+	CO526154038	10.40	27 1-	2ACSR	0	0	664	259	97	6	4	0.01	7.34	0
CO27227+	CO-380776237	10.56	27 1-	6ACWC	0	0	652	257	97	6	5	0.02	7.36	4
CO27191+	CO27227	10.62	24 1-	6ACWC	0	0	647	256	89	6	5	0.01	7.37	0
CO30445+	CO27191	10.67	23 1-	2ACSR	0	0	644	256	89	6	4	0.00	7.37	0
CO1349561631+	CO30445	10.76	21 1-	2ACSR	0	0	638	255	83	5	3	0.01	7.38	0
CO27003+	CO1349561631	10.88	20 1-	6ACWC	0	0	630	254	76	5	4	0.01	7.40	0
CO-1455289611+	CO27003	10.91	19 1-	2ACSR	0	0	628	253	76	5	3	0.00	7.40	0
CO27008+	CO-1455289611	11.00	19 1-	6ACWC	0	0	621	252	76	5	4	0.01	7.41	0
CO27007+	CO27008	11.15	19 1-	6ACWC	0	0	611	250	76	5	4	0.02	7.43	2
CO27009+	CO27007	11.23	19 1-	6ACWC	0	0	606	250	76	5	4	0.01	7.44	0
CO331560450+	CO27009	11.32	15 1-	2ACSR	0	0	601	249	62	4	2	0.01	7.44	0
CO1017776419+	CO331560450	11.38	14 1-	2ACSR	0	0	598	248	59	4	2	0.00	7.45	0
CO27130+	CO1017776419	11.44	14 1-	6ACWC	0	0	594	248	59	4	3	0.01	7.45	0
CO97364582+	CO27130	11.47	0 1-	2ACSR	0	0	593	247	0	0	0	0.00	7.45	0
CO540781478+	CO27130	11.52	14 1-	2ACSR	0	0	590	247	59	4	2	0.01	7.46	0
CO-244926303+	CO540781478	11.62	14 1-	6ACWC	0	0	583	246	59	4	3	0.01	7.47	0
CO27126+	CO-244926303	11.67	13 1-	6ACWC	0	0	580	245	39	2	2	0.00	7.47	0
CO27127+	CO27126	11.77	12 1-	6ACWC	0	0	574	244	31	2	2	0.00	7.48	0
CO27053+	CO27127	11.83	12 1-	4ACSR	0	0	570	243	31	2	2	0.00	7.48	0
CO27055+	CO27053	11.98	1 1-	4ACSR	0	0	561	241	7	0	0	0.00	7.48	0
CO27006+	CO27053	11.88	9 1-	6ACWC	0	0	567	243	17	1	1	0.00	7.48	0
CO27032+	CO27006	11.95	7 1-	4ACSR	0	0	563	242	10	0	1	0.00	7.48	0
CO27005+	CO27032	12.06	6 1-	6ACWC	0	0	557	241	6	0	0	0.00	7.48	0
CO27052+	CO27005	12.10	1 1-	4ACSR	0	0	555	240	1	0	0	0.00	7.48	0
CO27051+	CO27005	12.16	4 1-	4ACSR	0	0	551	240	4	0	0	0.00	7.48	0
CO27027+	CO27051	12.23	1 1-	4ACSR	0	0	547	239	4	0	0	0.00	7.48	0
CO27049+	CO27051	12.52	2 1-	4ACSR	0	0	532	236	0	0	0	0.00	7.48	0
OC518072392+	CO27049	12.52	1 1-	20 N FUSE	0	0	532	236	0	0	0	0.00	7.48	0
CO27050+	OC518072392	12.63	1 1-	4ACSR	0	0	525	234	0	0	0	0.00	7.48	0
CO27054+	CO27006	11.91	2 1-	4ACSR	0	0	566	242	7	0	0	0.00	7.48	0
CO27033+	CO-244926303	11.68	1 1-	4ACSR	0	0	580	245	20	1	1	0.00	7.47	0
CO-1834350890+	CO1017776419	11.42	0 1-	2ACSR	0	0	596	248	0	0	0	0.00	7.45	0
CO27028+	CO331560450	11.40	1 1-	4ACSR	0	0	595	248	3	0	0	0.00	7.44	0
CO-1277141141+	CO27028	11.45	1 1-	2ACSR	0	0	593	247	3	0	0	0.00	7.44	0
CO27057+	CO27009	11.47	2 1-	6ACWC	0	0	590	247	11	0	1	0.00	7.44	0
OC1449587904+	CO27057	11.47	1 1-	20 N FUSE	0	0	590	247	4	0	1	0.00	7.44	0
CO27058+	OC1449587904	11.61	1 1-	6ACWC	0	0	581	245	4	0	0	0.00	7.44	0
CO27056+	CO27058	11.74	1 1-	6ACWC	0	0	573	243	4	0	0	0.00	7.44	0
CO27026+	CO27056	11.79	1 1-	4ACSR	0	0	570	243	4	0	0	0.00	7.44	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27025+	CO27056	11.86	0 1-	4ACSR	0	0	566	242	0	0	0	0.00	7.44	0
CO27040+	CO27009	11.26	2 1-	6ACWC	0	0	604	249	3	0	0	0.00	7.44	0
OC-2146363003+	CO27040	11.26	1 1-	20 N FUSE	0	0	604	249	3	0	1	0.00	7.44	0
CO27041+	OC-2146363003	11.31	1 1-	6ACWC	0	0	600	249	3	0	0	0.00	7.44	0
CO27042+	CO27041	11.43	1 1-	6ACWC	0	0	592	247	3	0	0	0.00	7.44	0
CO27043+	CO27042	11.52	1 1-	6ACWC	0	0	587	246	3	0	0	0.00	7.44	0
CO27044+	CO27043	11.66	1 1-	6ACWC	0	0	578	244	3	0	0	0.00	7.44	0
CO27047+	CO27044	11.88	1 1-	6ACWC	0	0	564	242	3	0	0	0.00	7.44	0
CO27048+	CO27047	11.93	1 1-	6ACWC	0	0	562	241	3	0	0	0.00	7.44	0
CO27046+	CO27048	11.99	1 1-	6ACWC	0	0	558	241	3	0	0	0.00	7.44	0
CO27045+	CO27046	12.18	1 1-	6ACWC	0	0	547	239	3	0	0	0.00	7.44	0
CO937589493+	CO-1455289611	10.95	0 1-	2ACSR	0	0	625	253	0	0	0	0.00	7.40	0
CO27031+	CO1349561631	10.80	1 1-	4ACSR	0	0	635	255	7	0	0	0.00	7.38	0
CO918553331+	CO30445	10.71	1 1-	2ACSR	0	0	641	256	0	0	0	0.00	7.37	0
CO27206+	CO27191	10.67	1 1-	4ACSR	0	0	643	256	0	0	0	0.00	7.37	0
CO27228+	CO27227	10.67	2 1-	4ACSR	0	0	643	256	6	0	0	0.00	7.36	0
CO27229+	CO27228	10.75	2 1-	4ACSR	0	0	637	255	6	0	0	0.00	7.36	0
CO29677+	CO29676	8.47	1 1-	2ACSR	0	0	816	279	0	0	0	0.00	7.08	0
CO29674+	CO29673	8.38	1 1-	6ACWC	0	0	823	280	7	0	0	0.00	7.06	0
CO781000358+	CO29674	8.42	0 1-	2ACSR	0	0	819	279	0	0	0	0.00	7.06	0
CO29565+	CO29664	7.42	1 1-	6ACWC	0	0	928	291	4	0	0	0.00	6.94	0
CO29716+	CO29654	5.91	2 1-	4ACSR	0	0	1106	304	0	0	0	0.00	5.71	0
OC919+	CO29716	5.91	2 1-	10 N FUSE	0	0	1106	304	0	0	0	0.00	5.71	0
CO29717+	OC919	5.99	2 1-	4ACSR	0	0	1090	303	0	0	0	0.00	5.71	0
CO29655+	CO29717	6.07	2 1-	4ACSR	0	0	1073	301	0	0	0	0.00	5.71	0
CO29563+	CO29655	6.17	0 1-	4ACSR	0	0	1055	300	0	0	0	0.00	5.71	0
CO29566+	CO29655	6.36	2 1-	4ACSR	0	0	1020	296	0	0	0	0.00	5.71	0
CO29657+	CO29656	6.43	1 1-	4ACSR	0	0	1006	295	0	0	0	0.00	5.71	0
CO29658+	CO29657	6.57	1 1-	4ACSR	0	0	983	293	0	0	0	0.00	5.71	0
CO29659+	CO29658	6.69	1 1-	4ACSR	0	0	963	291	0	0	0	0.00	5.71	0
CO29590+	CO29651	5.31	1 1-	4ACSR	0	0	1185	309	9	0	0	0.00	5.05	0
CO29591+	CO29560	4.95	2 1-	4ACSR	0	0	1246	312	3	0	0	0.00	4.69	0
CO29589+	CO29560	5.01	3 1-	4ACSR	0	0	1232	311	22	1	1	0.00	4.69	0
CO29587+	CO30577	4.50	1 1-	4ACSR	0	0	1337	316	7	0	0	0.00	4.29	0
CO29584+	CO29636	4.10	1 1-	4ACSR	0	0	1415	319	9	0	0	0.00	3.81	0
CO29630+	CO29556	3.63	3 1-	4ACSR	0	0	1539	325	11	0	1	0.00	3.39	0
CO29631+	CO29630	3.68	2 1-	4ACSR	0	0	1519	324	8	0	0	0.00	3.39	0
CO29632+	CO29631	3.74	2 1-	4ACSR	0	0	1498	322	8	0	0	0.00	3.39	0
CO29633+	CO29632	3.77	1 1-	4ACSR	0	0	1488	322	0	0	0	0.00	3.39	0
CO29634+	CO29633	3.83	1 1-	4ACSR	0	0	1468	321	0	0	0	0.00	3.39	0
CO29583+	CO29554	3.44	2 1-	4ACSR	0	0	1584	326	7	0	0	0.00	3.14	0
CO29582+	CO29554	3.44	2 1-	4ACSR	0	0	1584	326	12	0	1	0.00	3.14	0
XFMR74	CO29551	3.15	87 3-	333 KVA 1PH AUT	1048	1037	1002	174	329	7	33	0.26	3.20	0
CO29609	XFMR74	3.28	87 3-	1/0ACSR	1030	1016	977	173	329	15	7	0.03	3.24	17
CO29610	CO29609	3.45	86 3-	1/0ACSR	1006	990	945	172	325	14	7	0.04	3.28	22
CO29730	CO29610	3.46	84 3-	1/0ACSR	1005	989	944	172	314	14	6	0.00	3.28	0
OC927	CO29730	3.46	84 3-	70 L OCR	1005	989	944	172	314	14	21	0.00	3.28	0
CO29731	OC927	3.58	84 3-	1/0ACSR	990	971	923	172	314	14	6	0.03	3.31	14
CO30510	CO29731	3.71	1 1-	4ACSR	0	0	895	170	8	1	1	0.00	3.31	0
CO29526	CO30510	3.79	0 1-	4ACSR	0	0	877	169	0	0	0	0.00	3.31	0
CO29550	CO29731	3.71	83 3-	1/0ACSR	972	952	900	171	305	14	6	0.03	3.34	15
CO29611	CO29550	3.77	82 3-	1/0ACSR	964	943	890	171	297	13	6	0.02	3.36	7

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29612	CO29611	3.93	81 3-	1/0ACSR	945	921	865	170	291	13	6	0.04	3.40	16
CO29726	CO29612	3.94	50 1-	4ACSR	0	0	863	170	170	23	17	0.01	3.40	0
OC923	CO29726	3.94	50 1-	25 L OCR	0	0	863	170	170	23	94	0.00	3.40	0
CO29727	OC923	3.98	50 1-	4ACSR	0	0	856	169	170	23	17	0.04	3.44	11
CO30509	CO29727	4.21	49 1-	4ACSR	0	0	812	167	163	22	16	0.23	3.68	62
CO30505	CO30509	4.25	36 1-	4ACSR	0	0	805	167	138	19	14	0.03	3.71	7
CO29281	CO30505	4.29	35 1-	4ACSR	0	0	797	166	135	18	13	0.04	3.75	8
CO29183	CO29281	4.38	29 1-	4ACSR	0	0	780	165	102	14	10	0.06	3.81	10
CO29193	CO29183	4.46	2 1-	4ACSR	0	0	766	164	9	1	1	0.00	3.81	0
CO29282	CO29183	4.46	27 1-	4ACSR	0	0	766	164	93	12	9	0.05	3.85	7
CO29283	CO29282	4.48	26 1-	4ACSR	0	0	763	164	93	12	9	0.01	3.86	0
CO-1053118421	CO29283	4.54	21 1-	2ACSR	0	0	754	164	69	9	5	0.02	3.88	0
CO213566565	CO-1053118421	4.59	1 1-	2ACSR	0	0	747	163	0	0	0	0.00	3.88	0
CO-818858754	CO-1053118421	4.61	20 1-	2ACSR	0	0	744	163	69	9	5	0.02	3.90	2
CO29285	CO-818858754	4.76	20 1-	4ACSR	0	0	719	162	69	9	7	0.07	3.97	8
CO29289	CO29285	4.84	18 1-	4ACSR	0	0	707	161	58	8	6	0.03	3.99	2
CO29290	CO29289	4.89	17 1-	4ACSR	0	0	699	160	50	6	5	0.02	4.01	0
CO29291	CO29290	5.59	16 1-	4ACSR	0	0	602	154	49	6	5	0.20	4.21	16
CO30473	CO29291	5.85	15 1-	4ACSR	0	0	571	152	43	5	4	0.07	4.28	5
CO29525	CO30473	5.98	15 1-	4ACSR	0	0	557	150	43	5	4	0.03	4.32	2
CO29430	CO29525	6.06	1 1-	4ACSR	0	0	549	150	5	0	0	0.00	4.32	0
CO29523	CO29430	6.17	0 1-	4ACSR	0	0	538	149	0	0	0	0.00	4.32	0
CO29524	CO29523	6.56	0 1-	4ACSR	0	0	500	146	0	0	0	0.00	4.32	0
CO29447	CO29430	6.10	1 1-	4ACSR	0	0	545	149	5	0	0	0.00	4.32	0
CO29441	CO29525	6.11	1 1-	4ACSR	0	0	543	149	5	0	0	0.00	4.32	0
CO29521	CO29525	6.09	12 1-	4ACSR	0	0	545	149	30	4	3	0.02	4.34	0
CO29522	CO29521	6.21	11 1-	4ACSR	0	0	533	148	30	4	3	0.02	4.36	0
CO29520	CO29522	6.34	11 1-	4ACSR	0	0	520	147	30	4	3	0.03	4.38	0
CO29516	CO29520	6.38	8 1-	4ACSR	0	0	517	147	23	3	2	0.01	4.39	0
CO29517	CO29516	6.66	7 1-	4ACSR	0	0	491	145	23	3	2	0.04	4.43	0
CO29429	CO29517	6.93	4 1-	4ACSR	0	0	469	143	14	1	1	0.02	4.45	0
CO29428	CO29429	7.00	1 1-	4ACSR	0	0	463	142	3	0	0	0.00	4.46	0
CO29540	CO29428	7.18	0 1-	4ACSR	0	0	449	141	0	0	0	0.00	4.46	0
SW918-B	CO29540	7.18	0 1-	Open	0	0	449	141	0	0	0	0.00	4.46	0
CO29443	CO29428	7.06	1 1-	4ACSR	0	0	458	142	3	0	0	0.00	4.46	0
CO29512	CO29429	6.99	3 1-	4ACSR	0	0	464	142	11	1	1	0.00	4.46	0
CO29513	CO29512	7.10	2 1-	4ACSR	0	0	456	141	6	0	1	0.00	4.46	0
CO29514	CO29513	7.17	2 1-	4ACSR	0	0	450	141	6	0	1	0.00	4.46	0
CO29444	CO29514	7.20	1 1-	4ACSR	0	0	448	141	3	0	0	0.00	4.47	0
CO29515	CO29514	7.21	1 1-	4ACSR	0	0	447	140	3	0	0	0.00	4.47	0
CO29446	CO29517	6.83	2 1-	4ACSR	0	0	477	143	5	0	1	0.00	4.43	0
CO29445	CO29517	6.77	1 1-	4ACSR	0	0	482	144	4	0	0	0.00	4.43	0
CO29459	CO29520	6.40	2 1-	2ACSR	0	0	516	147	5	0	0	0.00	4.39	0
CO29518	CO29520	6.61	1 1-	4ACSR	0	0	496	145	2	0	0	0.00	4.39	0
CO29519	CO29518	6.76	0 1-	4ACSR	0	0	483	144	0	0	0	0.00	4.39	0
CO29292	CO29291	5.66	0 1-	4ACSR	0	0	593	153	0	0	0	0.00	4.21	0
CO29293	CO29292	5.73	0 1-	4ACSR	0	0	585	153	0	0	0	0.00	4.21	0
CO29287	CO29285	4.82	2 1-	4ACSR	0	0	710	161	11	1	1	0.00	3.97	0
CO29288	CO29287	4.87	1 1-	4ACSR	0	0	702	161	2	0	0	0.00	3.97	0
CO29286	CO29288	5.01	1 1-	4ACSR	0	0	680	159	2	0	0	0.00	3.97	0
CO30481	CO29283	4.67	3 1-	4ACSR	0	0	731	162	3	0	0	0.00	3.86	0
CO29527	CO30481	4.70	1 1-	4ACSR	0	0	725	162	0	0	0	0.00	3.86	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29528	CO29527	4.78	1 1-	4ACSR	0	0	713	161	0	0	0	0.00	3.86	0
CO29192	CO29283	4.58	1 1-	4ACSR	0	0	745	163	8	1	1	0.00	3.86	0
CO29202	CO29281	4.32	2 1-	2ACSR	0	0	792	166	9	1	1	0.00	3.75	0
CO29277	CO29281	4.37	4 1-	4ACSR	0	0	782	165	24	3	2	0.01	3.76	0
CO29278	CO29277	4.46	3 1-	4ACSR	0	0	766	164	19	2	2	0.01	3.77	0
CO29279	CO29278	4.49	2 1-	4ACSR	0	0	762	164	17	2	2	0.00	3.77	0
CO29280	CO29279	4.54	1 1-	4ACSR	0	0	752	164	12	1	1	0.00	3.77	0
CO30474	CO30509	4.30	13 1-	4ACSR	0	0	794	166	25	3	2	0.01	3.69	0
CO29345	CO30474	4.32	12 1-	4ACSR	0	0	792	166	18	2	2	0.00	3.69	0
CO30483	CO29345	4.46	11 1-	4ACSR	0	0	766	164	16	2	2	0.01	3.71	0
CO30482	CO30483	4.80	9 1-	4ACSR	0	0	709	161	12	1	1	0.03	3.73	0
CO29395	CO30482	5.07	9 1-	4ACSR	0	0	669	158	12	1	1	0.02	3.75	0
CO29421	CO29395	5.07	8 1-	4ACSR	0	0	668	158	12	1	1	0.00	3.75	0
OC912	CO29421	5.07	8 1-	10 H OCR	0	0	668	158	12	1	16	0.00	3.75	0
CO29422	OC912	5.14	8 1-	4ACSR	0	0	658	158	12	1	1	0.01	3.76	0
CO29396	CO29422	5.39	8 1-	4ACSR	0	0	625	155	12	1	1	0.02	3.77	0
CO29346	CO29396	5.43	8 1-	4ACSR	0	0	619	155	12	1	1	0.00	3.78	0
CO29320	CO29346	5.81	5 1-	4ACSR	0	0	573	152	11	1	1	0.03	3.80	0
CO29321	CO29320	6.17	3 1-	4ACSR	0	0	535	148	8	1	1	0.02	3.82	0
CO29347	CO29321	6.25	3 1-	4ACSR	0	0	527	148	8	1	1	0.00	3.82	0
CO29400	CO29347	6.57	2 1-	4ACSR	0	0	497	145	7	1	1	0.02	3.84	0
CO29401	CO29400	6.87	2 1-	4ACSR	0	0	471	143	7	1	1	0.01	3.85	0
CO29204	CO29401	6.89	2 1-	6ACWC	0	0	469	143	7	1	1	0.00	3.86	0
CO1671832764	CO29204	6.92	1 1-	2ACSR	0	0	468	142	7	0	1	0.00	3.86	0
CO29322	CO29321	6.55	0 1-	4ACSR	0	0	499	145	0	0	0	0.00	3.82	0
CO29368	CO29320	6.00	2 1-	4ACSR	0	0	552	150	3	0	0	0.00	3.81	0
CO29402	CO29368	6.15	2 1-	4ACSR	0	0	537	149	3	0	0	0.00	3.81	0
CO29403	CO29402	6.42	2 1-	4ACSR	0	0	511	146	3	0	0	0.00	3.81	0
CO29318	CO29346	5.63	3 1-	4ACSR	0	0	594	153	1	0	0	0.00	3.78	0
CO29319	CO29318	5.82	2 1-	4ACSR	0	0	572	151	1	0	0	0.00	3.78	0
CO29398	CO29319	5.93	1 1-	4ACSR	0	0	560	151	0	0	0	0.00	3.78	0
CO29399	CO29398	6.02	0 1-	4ACSR	0	0	550	150	0	0	0	0.00	3.78	0
CO29397	CO29399	6.15	0 1-	4ACSR	0	0	537	149	0	0	0	0.00	3.78	0
CO29337	CO29319	5.87	1 1-	4ACSR	0	0	566	151	1	0	0	0.00	3.78	0
CO29338	CO29318	5.72	1 1-	4ACSR	0	0	583	152	0	0	0	0.00	3.78	0
CO29336	CO29395	5.16	1 1-	4ACSR	0	0	656	157	0	0	0	0.00	3.75	0
CO29581	CO30483	4.50	2 1-	4ACSR	0	0	759	164	4	0	0	0.00	3.71	0
CO29553	CO29612	4.14	31 3-	1/0ACSR	919	894	833	169	121	5	2	0.02	3.42	4
CO-1020755182	CO29553	4.22	30 3-	2ACSR	910	883	821	168	113	5	3	0.01	3.43	0
CO1321790565	CO-1020755182	4.29	28 3-	2ACSR	900	871	809	168	98	4	3	0.01	3.43	0
CO29614	CO1321790565	4.37	28 3-	1/0ACSR	891	862	798	167	98	4	2	0.01	3.44	0
CO29615	CO29614	4.45	28 3-	1/0ACSR	882	852	787	167	98	4	2	0.01	3.45	0
CO29620	CO29615	4.54	24 3-	1/0ACSR	872	841	776	166	84	3	2	0.01	3.45	0
CO595093027	CO29620	4.69	0 1-	2ACSR	0	0	755	165	0	0	0	0.00	3.45	0
CO29621	CO29620	4.58	24 3-	1/0ACSR	867	836	770	166	84	3	2	0.00	3.46	0
CO1372321984	CO29621	4.61	22 3-	2ACSR	864	832	766	166	79	3	2	0.00	3.46	0
CO-2133377024	CO1372321984	4.65	22 3-	2ACSR	860	828	761	166	79	3	2	0.00	3.46	0
CO29623	CO-2133377024	4.67	21 3-	1/0ACSR	857	825	758	166	75	3	2	0.00	3.46	0
CO29562	CO29623	4.86	20 3-	1/0ACSR	838	803	735	165	74	3	1	0.01	3.47	0
CO29597	CO29562	4.91	0 1-	4ACSR	0	0	727	164	0	0	0	0.00	3.47	0
CO29624	CO29562	5.03	20 3-	1/0ACSR	820	785	716	164	74	3	1	0.01	3.48	0
CO29625	CO29624	5.46	20 3-	1/0ACSR	779	741	671	162	74	3	1	0.03	3.51	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30506	CO29625	5.59	19 3-	1/0ACSR	768	729	658	161	72	3	1	0.01	3.52	0
CO29333	CO30506	5.65	1 1-	4ACSR	0	0	650	160	1	0	0	0.00	3.52	0
CO29339	CO30506	5.63	0 1-	4ACSR	0	0	653	161	0	0	0	0.00	3.52	0
CO29348	CO30506	5.69	18 3-	1/0ACSR	759	719	648	161	71	3	1	0.01	3.52	0
CO29349	CO29348	5.74	18 3-	1/0ACSR	754	715	644	160	71	3	1	0.00	3.53	0
CO29415	CO29349	5.93	17 3-	1/0ACSR	738	698	627	159	66	3	1	0.01	3.54	0
CO29416	CO29415	6.08	17 3-	1/0ACSR	726	686	614	159	66	3	1	0.01	3.54	0
CO29417	CO29416	6.24	17 3-	1/0ACSR	714	673	601	158	66	3	1	0.01	3.55	0
CO29418	CO29417	6.37	17 3-	1/0ACSR	704	662	591	157	66	3	1	0.01	3.56	0
CO29317	CO29418	6.46	16 3-	1/0ACSR	697	655	583	157	65	3	1	0.00	3.56	0
CO29331	CO29317	6.52	1 1-	4ACSR	0	0	577	156	7	1	1	0.00	3.56	0
CO29352	CO29317	6.49	15 3-	1/0ACSR	695	653	582	157	58	2	1	0.00	3.56	0
CO29353	CO29352	6.59	15 3-	1/0ACSR	687	645	574	156	58	2	1	0.00	3.57	0
CO29354	CO29353	6.65	14 3-	1/0ACSR	683	640	569	156	56	2	1	0.00	3.57	0
CO29423	CO29354	6.66	7 1-	6ACWC	0	0	569	156	20	2	2	0.00	3.57	0
OC913	CO29423	6.66	7 1-	15 H OCR	0	0	569	156	20	2	19	0.00	3.57	0
CO29424	OC913	7.07	7 1-	6ACWC	0	0	530	152	20	2	2	0.05	3.62	0
CO29408	CO29424	7.09	7 1-	2ACSR	0	0	528	152	20	2	2	0.00	3.63	0
CO2144279478	CO29408	7.11	7 1-	2ACSR	0	0	526	152	20	2	2	0.00	3.63	0
CO29361	CO2144279478	7.32	7 1-	6ACWC	0	0	508	150	20	2	2	0.02	3.65	0
CO29406	CO29361	7.44	6 1-	6ACWC	0	0	498	149	15	2	1	0.01	3.66	0
CO29407	CO29406	7.59	6 1-	6ACWC	0	0	486	148	15	2	1	0.01	3.67	0
CO29360	CO29407	7.68	5 1-	6ACWC	0	0	479	147	15	2	1	0.00	3.68	0
CO29359	CO29360	7.80	4 1-	6ACWC	0	0	470	146	1	0	0	0.00	3.68	0
CO29334	CO29359	7.87	0 1-	6ACWC	0	0	464	146	0	0	0	0.00	3.68	0
CO30515	CO29359	8.14	4 1-	6ACWC	0	0	446	143	1	0	0	0.00	3.68	0
CO29709	CO30515	8.19	3 1-	6ACWC	0	0	442	143	1	0	0	0.00	3.68	0
CO29710	CO29709	8.46	2 1-	6ACWC	0	0	424	141	0	0	0	0.00	3.68	0
CO29711	CO29710	8.58	1 1-	6ACWC	0	0	417	140	0	0	0	0.00	3.68	0
CO-1246667839	CO29408	7.23	0 1-	2ACSR	0	0	518	151	0	0	0	0.00	3.63	0
CO29355	CO29354	6.92	6 3-	1/0ACSR	664	621	550	155	25	1	0	0.00	3.58	0
CO29356	CO29355	6.96	5 3-	1/0ACSR	661	618	548	155	16	0	0	0.00	3.58	0
CO29425	CO29356	6.97	1 1-	4ACSR	0	0	547	155	3	0	0	0.00	3.58	0
OC911	CO29425	6.97	1 1-	10 N FUSE	0	0	547	155	3	0	4	0.00	3.58	0
CO29426	OC911	7.04	1 1-	4ACSR	0	0	541	154	3	0	0	0.00	3.58	0
CO29409	CO29426	7.06	0 1-	4ACSR	0	0	538	154	0	0	0	0.00	3.58	0
CO29410	CO29409	7.25	0 1-	4ACSR	0	0	521	152	0	0	0	0.00	3.58	0
CO29335	CO29410	7.32	0 1-	4ACSR	0	0	515	151	0	0	0	0.00	3.58	0
CO29419	CO29410	7.51	0 1-	4ACSR	0	0	499	150	0	0	0	0.00	3.58	0
CO29420	CO29419	7.59	0 1-	4ACSR	0	0	493	149	0	0	0	0.00	3.58	0
CO29357	CO29356	7.00	3 1-	4ACSR	0	0	544	154	4	0	0	0.00	3.58	0
CO29411	CO29357	7.05	2 1-	4ACSR	0	0	539	154	0	0	0	0.00	3.58	0
CO29427	CO29411	7.15	0 1-	4ACSR	0	0	530	153	0	0	0	0.00	3.58	0
CO29413	CO29427	7.18	0 1-	4ACSR	0	0	527	153	0	0	0	0.00	3.58	0
CO29414	CO29413	7.22	0 1-	4ACSR	0	0	523	152	0	0	0	0.00	3.58	0
CO29412	CO29411	7.09	2 1-	4ACSR	0	0	535	153	0	0	0	0.00	3.58	0
CO29350	CO29418	6.42	1 1-	4ACSR	0	0	586	157	1	0	0	0.00	3.56	0
CO29351	CO29350	6.47	1 1-	4ACSR	0	0	579	156	1	0	0	0.00	3.56	0
CO29332	CO29349	5.84	1 1-	4ACSR	0	0	632	159	6	0	1	0.00	3.53	0
CO29626	CO29625	5.55	1 1-	4ACSR	0	0	658	161	2	0	0	0.00	3.51	0
CO29627	CO29626	5.61	1 1-	4ACSR	0	0	651	160	2	0	0	0.00	3.51	0
CO29580	CO29623	4.73	1 1-	4ACSR	0	0	749	165	1	0	0	0.00	3.46	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29596	CO-2133377024	4.71	1 1-	4ACSR	0	0	750	165	4	0	0	0.00	3.46	0
CO29618	CO29615	4.55	2 1-	4ACSR	0	0	771	166	3	0	0	0.00	3.45	0
CO29579	CO29618	4.57	1 1-	4ACSR	0	0	766	166	3	0	0	0.00	3.45	0
CO29619	CO29618	4.59	1 1-	4ACSR	0	0	764	165	0	0	0	0.00	3.45	0
CO29616	CO29615	4.55	2 1-	2ACSR	0	0	773	166	10	1	1	0.00	3.45	0
CO-2002736321	CO29616	4.59	1 1-	2ACSR	0	0	767	166	1	0	0	0.00	3.45	0
CO29617	CO29616	4.63	1 1-	2ACSR	0	0	761	166	9	1	1	0.00	3.45	0
CO1461747229	CO-1020755182	4.29	2 1-	2ACSR	0	0	809	168	16	2	1	0.01	3.43	0
CO31464911	CO1461747229	4.36	2 1-	2ACSR	0	0	798	167	16	2	1	0.00	3.43	0
CO29578	CO29553	4.18	1 1-	4ACSR	0	0	826	168	8	1	1	0.00	3.42	0
CO29577	CO29550	3.78	1 1-	4ACSR	0	0	887	170	8	1	1	0.00	3.34	0
CO29575	CO29610	3.51	0 1-	4ACSR	0	0	933	172	0	0	0	0.00	3.28	0
CO29576+	CO29552	3.20	1 1-	4ACSR	0	0	1649	328	2	0	0	0.00	2.85	0
CO29607+	CO29606	3.05	2 1-	4ACSR	0	0	1709	330	9	0	0	0.00	2.76	0
CO29608+	CO29607	3.19	1 1-	4ACSR	0	0	1647	327	7	0	0	0.00	2.76	0
CO29506+	CO29505	1.37	0 1-	4ACSR	0	0	2449	345	0	0	0	0.00	0.73	0
CO29507+	CO29506	1.41	0 1-	4ACSR	0	0	2420	345	0	0	0	0.00	0.73	0
CO29497+	CO29496	0.28	4 1-	4ACSR	0	0	3262	355	14	0	1	0.00	0.15	0
CO29498+	CO29497	0.32	2 1-	4ACSR	0	0	3218	354	9	0	0	0.00	0.15	0
CO29499+	CO29498	0.38	2 1-	4ACSR	0	0	3146	352	9	0	0	0.00	0.15	0
CO29500+	CO29499	0.41	2 1-	4ACSR	0	0	3103	352	9	0	0	0.00	0.15	0
CO25347909+	CO29500	0.54	1 1-	2ACSR	0	0	2967	350	4	0	0	0.00	0.15	0
CO29534+	CO29532	0.02	165 3-	750 MCM - 42 Wi	3387	3510	3536	357	933	20	2	0.00	0.00	0
Barret Pk.+	CO29534	0.02	165 3-	560 200WVE	3387	3510	3536	357	933	20	4	0.00	0.00	0
CO29484+	Barret Pk.	0.04	165 3-	1/0ACSR	3371	3484	3509	357	933	20	9	0.00	0.01	6
CO29485+	CO29484	0.25	165 3-	1/0ACSR	3225	3258	3275	355	933	20	9	0.04	0.05	54
CO29486+	CO29485	0.34	165 3-	1/0ACSR	3169	3179	3188	354	932	20	9	0.02	0.06	22
CO29487+	CO29486	0.37	165 3-	1/0ACSR	3148	3156	3156	353	932	20	9	0.01	0.07	8
CO29431+	CO29487	0.57	157 3-	1/0ACSR	3021	3011	2967	351	890	20	9	0.03	0.10	46
CO29432+	CO29431	0.83	156 3-	1/0ACSR	2869	2837	2751	348	887	19	9	0.04	0.15	59
CO29492+	CO29432	0.87	3 1-	4ACSR	0	0	2708	348	13	0	1	0.00	0.15	0
OC-321665880+	CO29492	0.87	1 1-	20 N FUSE	0	0	2708	348	2	0	1	0.00	0.15	0
CO29493+	OC-321665880	0.91	1 1-	4ACSR	0	0	2669	347	2	0	0	0.00	0.15	0
CO29494+	CO29493	1.09	1 1-	4ACSR	0	0	2496	343	2	0	0	0.00	0.15	0
CO29433+	CO29432	1.31	153 3-	1/0ACSR	2615	2550	2415	344	874	19	9	0.08	0.23	106
CO29434+	CO29433	1.46	151 3-	1/0ACSR	2539	2466	2320	342	859	19	8	0.03	0.25	34
CO29538+	CO29434	1.60	0 1-	4ACSR	0	0	2218	339	0	0	0	0.00	0.25	0
OC-581806790+	CO29538	1.60	0 1-	20 N FUSE	0	0	2218	339	0	0	0	0.00	0.25	0
CO29537+	CO29434	1.57	1 1-	4ACSR	0	0	2239	340	5	0	0	0.00	0.25	0
OC1217778951+	CO29537	1.57	0 1-	20 N FUSE	0	0	2239	340	0	0	0	0.00	0.25	0
CO30511+	CO29434	1.77	150 3-	1/0ACSR	2403	2316	2154	339	853	19	8	0.05	0.30	65
CO29773+	CO30511	1.81	13 1-	4ACSR	0	0	2123	338	69	4	3	0.00	0.31	0
OC-2074783867+	CO29773	1.81	12 1-	20 N FUSE	0	0	2123	338	60	4	20	0.00	0.31	0
CO29774+	OC-2074783867	1.97	12 1-	4ACSR	0	0	2017	334	60	4	3	0.01	0.32	0
CO29779+	CO29774	2.12	5 1-	2ACSR	0	0	1940	332	35	2	1	0.01	0.33	0
CO29781+	CO29779	2.14	2 1-	2ACSR	0	0	1932	332	9	0	0	0.00	0.33	0
CO29782+	CO29781	2.21	1 1-	2ACSR	0	0	1901	331	0	0	0	0.00	0.33	0
CO29780+	CO29779	2.15	3 1-	2ACSR	0	0	1928	332	26	1	1	0.00	0.33	0
CO29775+	CO29774	2.00	5 1-	4ACSR	0	0	2002	334	19	1	1	0.00	0.32	0
CO29776+	CO29775	2.03	4 1-	4ACSR	0	0	1985	333	19	1	1	0.00	0.32	0
CO29777+	CO29776	2.09	2 1-	4ACSR	0	0	1945	332	6	0	0	0.00	0.33	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29778+	CO29777	2.16	1 1-	4ACSR	0	0	1906	331	5	0	0	0.00	0.33	0
CO29747+	CO30511	2.35	136 3-	1/0ACSR	2173	2068	1891	333	784	17	8	0.09	0.39	105
CO29846+	CO29747	2.95	135 3-	1/0ACSR	1972	1857	1676	327	784	17	8	0.09	0.49	108
CO29843+	CO29846	2.96	14 1-	4ACSR	0	0	1673	327	109	7	5	0.00	0.49	0
OC932+	CO29843	2.96	14 1-	50 E OCR	0	0	1673	327	109	7	15	0.00	0.49	0
CO29844+	OC932	3.06	14 1-	4ACSR	0	0	1630	325	109	7	5	0.02	0.50	3
OC1904100502+	CO29844	3.06	14 1-	20 N FUSE	0	0	1630	325	109	7	37	0.00	0.50	0
CO29738+	OC1904100502	3.27	14 1-	4ACSR	0	0	1542	321	109	7	5	0.04	0.54	6
CO29785+	CO29738	3.40	2 1-	4ACSR	0	0	1492	318	13	0	1	0.00	0.54	0
CO29748+	CO29785	3.45	2 1-	4ACSR	0	0	1473	317	13	0	1	0.00	0.54	0
CO29786+	CO29785	3.43	0 1-	4ACSR	0	0	1482	318	0	0	0	0.00	0.54	0
CO29739+	CO29738	3.48	12 1-	4ACSR	0	0	1464	317	96	6	5	0.03	0.57	5
CO29845+	CO29739	3.64	10 1-	4ACSR	0	0	1406	314	80	5	4	0.02	0.59	3
CO29789+	CO29845	3.67	8 1-	4ACSR	0	0	1397	313	66	4	3	0.00	0.59	0
CO29790+	CO29789	3.91	8 1-	4ACSR	0	0	1320	309	66	4	3	0.02	0.62	2
CO29791+	CO29790	3.96	7 1-	4ACSR	0	0	1305	308	58	3	3	0.00	0.62	0
CO29792+	CO29791	4.11	6 1-	4ACSR	0	0	1262	305	24	1	1	0.01	0.62	0
CO29795+	CO29792	4.14	4 1-	4ACSR	0	0	1252	305	21	1	1	0.00	0.63	0
CO29796+	CO29795	4.18	4 1-	4ACSR	0	0	1242	304	21	1	1	0.00	0.63	0
CO29797+	CO29796	4.19	2 1-	4ACSR	0	0	1237	304	11	0	1	0.00	0.63	0
CO29798+	CO29797	4.23	0 1-	4ACSR	0	0	1229	303	0	0	0	0.00	0.63	0
CO29793+	CO29792	4.31	1 1-	4ACSR	0	0	1206	302	0	0	0	0.00	0.62	0
CO29794+	CO29793	4.44	1 1-	4ACSR	0	0	1175	300	0	0	0	0.00	0.62	0
CO29758+	CO29845	3.79	1 1-	4ACSR	0	0	1357	311	8	0	0	0.00	0.59	0
CO29759+	CO29845	3.69	1 1-	4ACSR	0	0	1391	313	6	0	0	0.00	0.59	0
CO29787+	CO29739	3.64	2 1-	4ACSR	0	0	1408	314	16	1	1	0.00	0.57	0
CO29788+	CO29787	3.69	1 1-	4ACSR	0	0	1391	313	13	0	1	0.00	0.57	0
CO29749+	OC1904100502	3.10	0 1-	4ACSR	0	0	1613	324	0	0	0	0.00	0.50	0
CO29799+	CO29846	3.00	120 3-	1/0ACSR	1958	1842	1660	327	674	15	7	0.01	0.49	6
CO29800+	CO29799	3.06	120 3-	1/0ACSR	1940	1826	1642	326	674	15	7	0.01	0.50	8
CO29801+	CO29800	3.15	119 3-	1/0ACSR	1913	1800	1615	325	662	14	6	0.01	0.51	12
CO29750+	CO29801	3.31	0 1-	4ACSR	0	0	1551	322	0	0	0	0.00	0.51	0
OC-2026422275+	CO29750	3.31	0 1-	20 N FUSE	0	0	1551	322	0	0	0	0.00	0.51	0
CO29802+	CO29801	3.27	119 3-	1/0ACSR	1882	1771	1583	324	662	14	6	0.01	0.53	14
CO670358017+	CO29802	3.32	1 1-	2ACSR	0	0	1564	323	9	0	0	0.00	0.53	0
OC-1331207605+	CO670358017	3.32	0 1-	20 N FUSE	0	0	1564	323	0	0	0	0.00	0.53	0
CO29803+	CO29802	3.30	116 3-	1/0ACSR	1871	1760	1571	324	635	14	6	0.00	0.53	5
CO29740+	CO29803	3.42	112 3-	1/0ACSR	1839	1730	1539	323	615	13	6	0.01	0.54	13
CO29741+	CO29740	3.50	40 1-	4ACSR	0	0	1511	321	154	10	7	0.02	0.56	4
CO29841+	CO29741	3.50	40 1-	4ACSR	0	0	1508	321	154	10	7	0.00	0.56	0
OC931+	CO29841	3.50	40 1-	50 H OCR	0	0	1508	321	154	10	21	0.00	0.56	0
CO29842+	OC931	3.64	40 1-	4ACSR	0	0	1459	318	154	10	7	0.03	0.60	8
CO29820+	CO29842	3.72	36 1-	4ACSR	0	0	1431	317	139	9	7	0.02	0.61	4
CO29821+	CO29820	3.75	35 1-	4ACSR	0	0	1420	316	138	9	7	0.01	0.62	0
CO29830+	CO29821	4.08	31 1-	4ACSR	0	0	1314	310	131	8	6	0.07	0.68	14
CO29831+	CO29830	4.14	31 1-	4ACSR	0	0	1298	309	131	8	6	0.01	0.69	2
CO29832+	CO29831	4.20	30 1-	4ACSR	0	0	1279	308	125	8	6	0.01	0.71	2
CO29833+	CO29832	4.24	28 1-	4ACSR	0	0	1269	307	122	8	6	0.01	0.71	0
CO29756+	CO29833	4.30	2 1-	4ACSR	0	0	1253	306	3	0	0	0.00	0.71	0
CO29834+	CO29833	4.29	26 1-	4ACSR	0	0	1256	307	118	7	6	0.01	0.72	0
CO29835+	CO29834	4.34	24 1-	4ACSR	0	0	1242	306	115	7	6	0.01	0.73	0
CO29755+	CO29835	4.37	2 1-	4ACSR	0	0	1232	305	8	0	0	0.00	0.73	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29836+	CO29835	4.41	22 1-	4ACSR	0	0	1222	304	107	7	5	0.01	0.74	0
CO29837+	CO29836	4.51	21 1-	4ACSR	0	0	1197	303	107	7	5	0.01	0.76	3
CO29762+	CO29837	4.57	0 1-	2ACSR	0	0	1185	302	0	0	0	0.00	0.76	0
CO29838+	CO29837	4.65	20 1-	4ACSR	0	0	1162	300	98	6	5	0.02	0.78	3
CO29839+	CO29838	4.72	1 1-	4ACSR	0	0	1144	299	12	0	1	0.00	0.78	0
CO29840+	CO29839	4.80	1 1-	4ACSR	0	0	1127	298	12	0	1	0.00	0.78	0
CO29742+	CO29838	4.72	17 1-	4ACSR	0	0	1144	299	83	5	4	0.01	0.79	0
CO-675393905+	CO29742	4.77	0 1-	2ACSR	0	0	1136	298	0	0	0	0.00	0.79	0
CO29743+	CO29742	4.80	16 1-	4ACSR	0	0	1126	298	83	5	4	0.01	0.80	0
CO30504+	CO29743	4.86	15 1-	4ACSR	0	0	1114	297	71	4	3	0.01	0.80	0
CO29851+	CO30504	5.30	5 1-	4ACSR	0	0	1021	289	13	0	1	0.01	0.81	0
CO29864+	CO29851	5.59	3 1-	4ACSR	0	0	969	285	12	0	1	0.01	0.82	0
CO29909+	CO29864	5.81	1 1-	2ACSR	0	0	939	283	6	0	0	0.00	0.82	0
CO29910+	CO29909	5.89	1 1-	2ACSR	0	0	930	282	6	0	0	0.00	0.82	0
CO29911+	CO29910	6.01	1 1-	2ACSR	0	0	915	280	6	0	0	0.00	0.82	0
CO29912+	CO29911	6.06	1 1-	2ACSR	0	0	908	280	6	0	0	0.00	0.82	0
CO29888+	CO29864	5.66	1 1-	4ACSR	0	0	957	284	3	0	0	0.00	0.82	0
CO29887+	CO29864	5.63	1 1-	4ACSR	0	0	961	284	3	0	0	0.00	0.82	0
CO29872+	CO29851	5.41	2 1-	4ACSR	0	0	1000	288	1	0	0	0.00	0.81	0
CO29850+	CO30504	4.97	8 1-	4ACSR	0	0	1089	295	40	2	2	0.01	0.81	0
CO29900+	CO29850	5.06	6 1-	4ACSR	0	0	1069	293	29	1	1	0.00	0.81	0
CO29901+	CO29900	5.16	6 1-	4ACSR	0	0	1049	292	29	1	1	0.00	0.81	0
CO29904+	CO29901	5.27	4 1-	4ACSR	0	0	1027	290	14	0	1	0.00	0.82	0
CO29905+	CO29904	5.34	4 1-	4ACSR	0	0	1013	289	14	0	1	0.00	0.82	0
CO29906+	CO29905	5.41	4 1-	1/0PRIURD	0	0	1005	548	14	0	1	0.00	0.82	0
CO29907+	CO29906	5.50	2 1-	1/0PRIURD	0	0	996	546	4	0	0	0.00	0.82	0
CO29908+	CO29907	5.64	1 1-	1/0PRIURD	0	0	980	541	3	0	0	0.00	0.82	0
CO29902+	CO29901	5.23	2 1-	4ACSR	0	0	1034	290	14	0	1	0.00	0.82	0
CO29903+	CO29902	5.33	1 1-	4ACSR	0	0	1015	289	12	0	1	0.00	0.82	0
CO29893+	CO30504	4.88	1 1-	2ACSR	0	0	1110	296	13	0	1	0.00	0.80	0
CO29894+	CO29893	4.93	1 1-	2ACSR	0	0	1101	296	13	0	1	0.00	0.80	0
CO29760+	CO29743	4.92	1 1-	2ACSR	0	0	1105	296	12	0	0	0.00	0.80	0
CO29761+	CO29834	4.36	2 1-	2ACSR	0	0	1239	306	3	0	0	0.00	0.72	0
CO29822+	CO29821	3.91	4 1-	4ACSR	0	0	1366	313	6	0	0	0.00	0.62	0
CO29823+	CO29822	4.26	4 1-	4ACSR	0	0	1264	307	6	0	0	0.00	0.62	0
CO29753+	CO29823	4.47	1 1-	4ACSR	0	0	1206	303	0	0	0	0.00	0.62	0
CO-775441454+	CO29753	4.54	0 1-	2ACSR	0	0	1191	302	0	0	0	0.00	0.62	0
CO29824+	CO29823	4.52	3 1-	4ACSR	0	0	1194	302	6	0	0	0.00	0.63	0
CO29825+	CO29824	4.54	3 1-	4ACSR	0	0	1189	302	6	0	0	0.00	0.63	0
CO29828+	CO29825	4.71	1 1-	4ACSR	0	0	1148	299	4	0	0	0.00	0.63	0
CO29829+	CO29828	4.86	0 1-	4ACSR	0	0	1113	297	0	0	0	0.00	0.63	0
CO29826+	CO29825	4.64	1 1-	4ACSR	0	0	1165	300	1	0	0	0.00	0.63	0
CO29827+	CO29826	4.71	1 1-	4ACSR	0	0	1147	299	1	0	0	0.00	0.63	0
CO29818+	CO29842	3.77	3 1-	4ACSR	0	0	1414	316	13	0	1	0.00	0.60	0
CO29819+	CO29818	3.82	2 1-	4ACSR	0	0	1399	315	8	0	0	0.00	0.60	0
CO29804+	CO29740	3.69	71 3-	2ACSR	1757	1654	1458	319	457	10	6	0.04	0.58	26
CO29805+	CO29804	4.12	70 3-	2ACSR	1635	1542	1342	313	444	10	6	0.06	0.64	40
CO29806+	CO29805	4.19	69 3-	2ACSR	1618	1527	1326	313	443	10	6	0.01	0.65	6
FD1217325322+	CO29806	4.19	68 3-	_DefaultBayEqui	1618	1527	1326	313	440	9	0	0.00	0.65	0
CO29746+	FD1217325322	4.38	68 3-	2ACSR	1568	1481	1280	310	440	9	6	0.03	0.67	18
OC1217325322+	CO29746	4.38	63 3-	20 N FUSE	1568	1481	1280	310	418	9	47	0.00	0.67	0
CO29811+	OC1217325322	4.58	63 3-	2ACSR	1522	1439	1238	308	418	9	5	0.02	0.69	15

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO194944442+	CO29811	4.62	60 3-	2ACSR	1511	1429	1227	307	404	9	5	0.01	0.70	4
CO1539125794+	CO194944442	4.84	1 1-	2ACSR	0	0	1184	304	0	0	0	0.00	0.70	0
OC-68144902+	CO1539125794	4.84	0 1-	20 N FUSE	0	0	1184	304	0	0	0	0.00	0.70	0
CO-513416104+	CO194944442	4.69	59 3-	2ACSR	1496	1415	1214	306	404	9	5	0.01	0.71	5
CO29813+	CO-513416104	4.93	59 3-	2ACSR	1442	1366	1165	303	404	9	5	0.03	0.74	19
CO29816+	CO29813	4.97	2 1-	2ACSR	0	0	1158	303	5	0	0	0.00	0.74	0
OC-1345114114+	CO29816	4.97	1 1-	20 N FUSE	0	0	1158	303	1	0	0	0.00	0.74	0
CO29817+	OC-1345114114	4.99	1 1-	2ACSR	0	0	1154	303	1	0	0	0.00	0.74	0
CO30336+	CO29813	5.16	56 3-	2ACSR	1395	1323	1123	301	399	9	5	0.03	0.76	17
CO24898+	CO30336	5.35	56 3-	2ACSR	1357	1288	1090	298	399	9	5	0.02	0.78	14
CO24944+	CO24898	5.36	12 1-	4ACSR	0	0	1089	298	64	4	3	0.00	0.79	0
OC750+	CO24944	5.36	12 1-	35 A OCR	0	0	1089	298	64	4	0	0.00	0.79	0
CO30351+	OC750	5.73	12 1-	4ACSR	0	0	1016	292	64	4	3	0.03	0.82	3
OC1288114373+	CO30351	5.73	11 1-	20 N FUSE	0	0	1016	292	55	3	19	0.00	0.82	0
CO29744+	OC1288114373	5.86	9 1-	4ACSR	0	0	992	290	41	2	2	0.01	0.83	0
CO1719526032+	CO29744	5.90	1 1-	2ACSR	0	0	986	289	9	0	0	0.00	0.83	0
CO29745+	CO29744	5.95	6 1-	4ACSR	0	0	976	288	26	1	1	0.00	0.83	0
CO29765+	CO29745	5.99	3 1-	4ACSR	0	0	969	288	17	1	1	0.00	0.83	0
CO29766+	CO29765	6.07	3 1-	4ACSR	0	0	955	286	17	1	1	0.00	0.83	0
CO29767+	CO29766	6.29	3 1-	4ACSR	0	0	921	283	17	1	1	0.01	0.84	0
CO30517+	CO29767	6.53	3 1-	4ACSR	0	0	884	279	17	1	1	0.01	0.85	0
CO29898+	CO30517	6.59	3 1-	4ACSR	0	0	875	279	17	1	1	0.00	0.85	0
CO29899+	CO29898	6.81	1 1-	4ACSR	0	0	846	275	13	0	1	0.00	0.85	0
CO29754+	CO29745	5.98	1 1-	4ACSR	0	0	971	288	0	0	0	0.00	0.83	0
CO29763+	CO29745	6.03	2 1-	2ACSR	0	0	965	288	9	0	0	0.00	0.83	0
CO29768+	CO29744	5.93	2 1-	4ACSR	0	0	980	289	6	0	0	0.00	0.83	0
CO29769+	CO29768	5.96	2 1-	4ACSR	0	0	974	288	6	0	0	0.00	0.83	0
CO29770+	CO29769	6.08	2 1-	4ACSR	0	0	954	286	6	0	0	0.00	0.83	0
CO29771+	CO29770	6.44	1 1-	4ACSR	0	0	897	281	2	0	0	0.00	0.83	0
CO29772+	CO29771	6.82	0 1-	4ACSR	0	0	845	275	0	0	0	0.00	0.83	0
CO30339+	OC1288114373	5.84	2 1-	4ACSR	0	0	996	290	14	0	1	0.00	0.82	0
CO24943+	CO30339	6.14	0 1-	4ACSR	0	0	944	285	0	0	0	0.00	0.82	0
CO30340+	CO24943	6.31	0 1-	4ACSR	0	0	917	283	0	0	0	0.00	0.82	0
CO24906+	CO30339	5.99	1 1-	4ACSR	0	0	969	288	3	0	0	0.00	0.82	0
CO24941+	CO24898	5.48	43 3-	2ACSR	1333	1266	1069	297	322	7	4	0.01	0.80	6
CO24942+	CO24941	5.50	43 3-	2ACSR	1329	1262	1066	297	322	7	4	0.00	0.80	0
CO24901+	CO24942	5.54	0 1-	4ACSR	0	0	1057	296	0	0	0	0.00	0.80	0
CO24939+	CO24942	5.53	43 3-	2ACSR	1324	1257	1061	296	322	7	4	0.00	0.80	0
#FD602254569+	CO24939	5.53	0 3-	_DefaultBayEqui	1324	1257	1061	296	0	0	0	0.00	0.80	0
FD602254569+	CO24939	5.53	0 3-	_DefaultBayEqui	1324	1257	1061	296	0	0	0	0.00	0.80	0
CO24940+	CO24939	5.88	42 3-	2ACSR	1263	1201	1008	292	319	7	4	0.03	0.83	16
OC602254569+	CO24940	5.88	40 3-	10 H OCR	1263	1201	1008	292	289	6	65	0.00	0.83	0
CO24938+	OC602254569	5.95	40 3-	2ACSR	1251	1190	998	291	289	6	4	0.01	0.84	3
CO24937+	CO24938	5.99	37 3-	2ACSR	1243	1183	991	291	266	6	3	0.00	0.84	0
CO24908+	CO24937	6.06	1 1-	1/0PRIURD	0	0	984	552	10	0	0	0.00	0.84	0
CO24936+	CO24937	6.04	36 3-	2ACSR	1236	1176	985	290	256	5	3	0.00	0.85	0
CO24934+	CO24936	6.09	36 3-	2ACSR	1227	1168	978	290	256	5	3	0.00	0.85	0
CO24935+	CO24934	6.14	35 3-	2ACSR	1219	1161	971	289	247	5	3	0.00	0.85	0
CO24930+	CO24935	6.40	31 3-	2ACSR	1180	1125	937	286	219	4	3	0.02	0.87	6
CO24931+	CO24930	6.47	30 3-	2ACSR	1170	1116	929	286	218	4	3	0.00	0.87	0
CO24905+	CO24931	6.53	2 1-	4ACSR	0	0	918	285	9	0	0	0.00	0.87	0
OC118661001+	CO24905	6.53	0 1-	20 N FUSE	0	0	918	285	0	0	0	0.00	0.87	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24928+	CO24931	6.50	28 3-	2ACSR	1166	1112	925	285	209	4	3	0.00	0.88	0
CO24929+	CO24928	6.72	26 3-	2ACSR	1135	1083	899	283	198	4	2	0.01	0.89	4
CO24904+	CO24929	6.80	2 1-	4ACSR	0	0	886	282	23	1	1	0.00	0.89	0
OC-956484554+	CO24904	6.80	0 1-	20 N FUSE	0	0	886	282	0	0	0	0.00	0.89	0
CO24903+	CO24929	6.77	1 1-	4ACSR	0	0	891	282	8	0	0	0.00	0.89	0
OC-1195813493+	CO24903	6.77	0 1-	20 N FUSE	0	0	891	282	0	0	0	0.00	0.89	0
CO24919+	CO24929	6.83	23 3-	2ACSR	1119	1068	886	282	166	3	2	0.01	0.89	0
CO24920+	CO24919	6.87	22 3-	2ACSR	1114	1064	882	281	155	3	2	0.00	0.90	0
CO24921+	CO24920	6.88	20 3-	2ACSR	1112	1062	880	281	137	3	2	0.00	0.90	0
CO24922+	CO24921	6.91	19 3-	2ACSR	1109	1059	877	281	137	3	2	0.00	0.90	0
CO24923+	CO24922	6.95	16 3-	2ACSR	1103	1054	873	280	105	2	1	0.00	0.90	0
CO24902+	CO24923	7.05	2 1-	4ACSR	0	0	858	279	7	0	0	0.00	0.90	0
OC-225792306+	CO24902	7.05	0 1-	20 N FUSE	0	0	858	279	0	0	0	0.00	0.90	0
CO24899+	CO24923	7.18	9 3-	2ACSR	1074	1026	848	278	59	1	1	0.00	0.90	0
CO24912+	CO24899	7.32	4 3-	2ACSR	1057	1010	833	276	29	0	0	0.00	0.90	0
CO24913+	CO24912	7.40	2 3-	2ACSR	1046	1001	825	276	14	0	0	0.00	0.90	0
CO24911+	CO24913	7.51	2 3-	2ACSR	1035	990	815	275	14	0	0	0.00	0.90	0
CO852070980+	CO24911	7.55	1 1-	2ACSR	0	0	811	274	10	0	0	0.00	0.90	0
CO61952739+	CO852070980	7.64	1 1-	2ACSR	0	0	802	273	10	0	0	0.00	0.91	0
CO24945+	CO24911	7.64	0 3-	2ACSR	1019	976	803	273	0	0	0	0.00	0.90	0
#SW751-B+	CO24945	7.64	0 3-	Open	1019	976	803	273	0	0	0	0.00	0.90	0
CO24915+	CO24899	7.28	5 1-	4ACSR	0	0	834	276	31	2	1	0.00	0.91	0
OC-231526427+	CO24915	7.28	4 1-	20 N FUSE	0	0	834	276	24	1	8	0.00	0.91	0
CO24916+	OC-231526427	7.35	4 1-	4ACSR	0	0	826	275	24	1	1	0.00	0.91	0
CO24914+	CO24916	7.50	1 1-	4ACSR	0	0	808	273	8	0	0	0.00	0.91	0
CO24917+	CO24916	7.41	3 1-	4ACSR	0	0	819	275	16	1	1	0.00	0.91	0
CO24918+	CO24917	7.50	2 1-	4ACSR	0	0	807	273	10	0	0	0.00	0.91	0
CO24924+	CO24923	6.99	5 1-	4ACSR	0	0	867	280	38	2	2	0.00	0.90	0
OC1999316261+	CO24924	6.99	4 1-	20 N FUSE	0	0	867	280	29	2	10	0.00	0.90	0
CO24925+	OC1999316261	7.03	4 1-	4ACSR	0	0	861	279	29	2	1	0.00	0.90	0
CO24907+	CO24925	7.12	1 1-	4ACSR	0	0	849	278	3	0	0	0.00	0.90	0
CO24926+	CO24925	7.06	3 1-	4ACSR	0	0	858	279	27	1	1	0.00	0.90	0
CO24927+	CO24926	7.08	1 1-	4ACSR	0	0	854	278	9	0	0	0.00	0.90	0
CO24932+	CO24935	6.21	2 1-	4ACSR	0	0	959	288	17	1	1	0.00	0.85	0
CO24933+	CO24932	6.25	1 1-	4ACSR	0	0	953	287	9	0	0	0.00	0.86	0
CO24909+	CO24938	6.04	3 1-	2ACSR	0	0	985	290	23	1	1	0.00	0.84	0
CO24910+	CO24940	5.97	1 1-	2ACSR	0	0	995	291	13	0	0	0.00	0.83	0
CO24900+	CO30336	5.23	0 1-	4ACSR	0	0	1108	299	0	0	0	0.00	0.76	0
CO29814+	CO29811	4.75	2 1-	2ACSR	0	0	1201	306	5	0	0	0.00	0.69	0
OC1857868918+	CO29814	4.75	1 1-	20 N FUSE	0	0	1201	306	5	0	2	0.00	0.69	0
CO29815+	OC1857868918	4.87	1 1-	2ACSR	0	0	1177	304	5	0	0	0.00	0.69	0
CO29807+	CO29746	4.55	4 1-	4ACSR	0	0	1235	307	16	1	1	0.00	0.67	0
OC1133671568+	CO29807	4.55	3 1-	20 N FUSE	0	0	1235	307	6	0	2	0.00	0.67	0
CO29808+	OC1133671568	4.57	3 1-	4ACSR	0	0	1230	307	6	0	0	0.00	0.67	0
CO29809+	CO29808	4.64	3 1-	4ACSR	0	0	1211	305	6	0	0	0.00	0.67	0
CO29810+	CO29809	4.83	1 1-	4ACSR	0	0	1164	302	0	0	0	0.00	0.67	0
CO29757+	CO29806	4.23	1 1-	4ACSR	0	0	1315	312	3	0	0	0.00	0.65	0
OC171020551+	CO29757	4.23	0 1-	20 N FUSE	0	0	1315	312	0	0	0	0.00	0.65	0
CO29764+	CO29804	3.82	1 1-	2ACSR	0	0	1422	317	13	0	1	0.00	0.58	0
OC-1456533523+	CO29764	3.82	0 1-	20 N FUSE	0	0	1422	317	0	0	0	0.00	0.58	0
CO29752+	CO29803	3.33	1 1-	4ACSR	0	0	1560	323	2	0	0	0.00	0.53	0
OC-345751234+	CO29752	3.33	0 1-	20 N FUSE	0	0	1560	323	0	0	0	0.00	0.53	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29751+	CO29803	3.39	1 1-	4ACSR	0	0	1539	322	4	0	0	0.00	0.53	0
OC169439073+	CO29751	3.39	0 1-	20 N FUSE	0	0	1539	322	0	0	0	0.00	0.53	0
CO29783+	CO29747	2.61	1 1-	4ACSR	0	0	1753	328	0	0	0	0.00	0.39	0
OC-1085797722+	CO29783	2.61	0 1-	20 N FUSE	0	0	1753	328	0	0	0	0.00	0.39	0
CO29784+	OC-1085797722	2.73	0 1-	4ACSR	0	0	1696	325	0	0	0	0.00	0.39	0
CO29457+	CO29433	1.36	1 1-	4ACSR	0	0	2366	342	14	0	1	0.00	0.23	0
OC1553271978+	CO29457	1.36	0 1-	20 N FUSE	0	0	2366	342	0	0	0	0.00	0.23	0
CO29455+	CO29433	1.48	0 1-	4ACSR	0	0	2278	340	0	0	0	0.00	0.23	0
OC-1999464392+	CO29455	1.48	0 1-	20 N FUSE	0	0	2278	340	0	0	0	0.00	0.23	0
CO167478472+	CO29433	1.37	1 1-	2ACSR	0	0	2370	343	1	0	0	0.00	0.23	0
OC-80241196+	CO167478472	1.37	0 1-	20 N FUSE	0	0	2370	343	0	0	0	0.00	0.23	0
CO29454+	CO29431	0.62	1 1-	4ACSR	0	0	2908	350	2	0	0	0.00	0.10	0
OC1277523313+	CO29454	0.62	0 1-	20 N FUSE	0	0	2908	350	0	0	0	0.00	0.10	0
CO29488+	CO29487	0.41	7 1-	1/0ACSR	0	0	3114	353	36	2	1	0.00	0.07	0
OC-516840325+	CO29488	0.41	6 1-	20 N FUSE	0	0	3114	353	24	1	8	0.00	0.07	0
CO29489+	OC-516840325	0.46	6 1-	1/0ACSR	0	0	3070	352	24	1	1	0.00	0.07	0
CO29490+	CO29489	0.52	2 1-	1/0ACSR	0	0	3016	352	13	0	0	0.00	0.07	0
CO29491+	CO29490	0.57	0 1-	1/0ACSR	0	0	2971	351	0	0	0	0.00	0.07	0
CO29533+	CO29532	0.02	108 3-	750 MCM - 42 wi	3386	3508	3533	357	631	14	1	0.00	0.00	0
Stroke Run+	CO29533	0.02	108 3-	560 200WVE	3386	3508	3533	357	631	14	3	0.00	0.00	0
CO29460+	Stroke Run	0.03	108 3-	1/0CU	3379	3498	3523	357	631	14	5	0.00	0.00	0
CO29461+	CO29460	0.04	108 3-	1/0CU	3372	3485	3510	357	631	14	5	0.00	0.00	0
CO29462+	CO29461	0.17	108 3-	1/0CU	3297	3367	3388	356	631	14	5	0.01	0.01	9
CO29463+	CO29462	0.29	108 3-	1/0CU	3226	3260	3273	355	631	14	5	0.01	0.03	9
CO29464+	CO29463	0.34	108 3-	1/0CU	3197	3218	3228	355	631	14	5	0.00	0.03	4
CO29453+	CO29464	0.40	1 1-	4ACSR	0	0	3160	353	10	0	0	0.00	0.03	0
CO29465+	CO29464	1.51	107 3-	1/0CU	2644	2582	2440	346	622	13	5	0.09	0.12	82
CO29466+	CO29465	1.96	107 3-	1/0CU	2473	2392	2223	343	621	13	5	0.04	0.16	32
CO30503+	CO29466	3.04	107 3-	336ACSR	2188	2083	1871	338	621	13	3	0.05	0.21	38
CO28617+	CO30503	3.18	105 3-	336ACSR	2156	2049	1835	337	621	13	3	0.01	0.22	5
CO28619+	CO28617	3.55	105 3-	336ACSR	2076	1966	1747	336	620	13	3	0.02	0.23	13
CO28600+	CO28619	3.97	105 3-	1/0CU	1975	1861	1640	333	620	13	5	0.03	0.27	29
CO28649+	CO28600	4.46	28 3-	1/0CU	1866	1750	1529	329	188	4	1	0.01	0.28	3
CO28628+	CO28649	5.11	28 3-	1/0CU	1738	1620	1401	325	188	4	1	0.01	0.29	4
CO28615+	CO28628	5.18	1 1-	1/0PRIURD	0	0	1388	693	5	0	0	0.00	0.29	0
CO28627+	CO28628	5.15	1 1-	2ACSR	0	0	1392	324	14	0	1	0.00	0.29	0
CO28629+	CO28628	5.21	26 3-	1/0CU	1719	1602	1384	324	169	3	1	0.00	0.29	0
CO28630+	CO28629	5.64	26 3-	1/0CU	1645	1528	1312	321	169	3	1	0.01	0.30	2
CO28650+	CO28630	5.69	25 3-	1/0CU	1638	1521	1306	321	151	3	1	0.00	0.30	0
CO28651+	CO28650	5.76	23 3-	1/0CU	1626	1509	1294	320	151	3	1	0.00	0.31	0
CO28652+	CO28651	5.86	21 3-	1/0CU	1610	1492	1279	320	142	3	1	0.00	0.31	0
CO28608+	CO28652	5.96	1 1-	1/0CU	0	0	1265	319	17	1	0	0.00	0.31	0
CO28654+	CO28652	5.93	20 3-	1/0CU	1600	1482	1269	319	126	2	1	0.00	0.31	0
CO28655+	CO28654	5.95	19 3-	1/0CU	1597	1479	1266	319	112	2	1	0.00	0.31	0
CO28613+	CO28655	5.99	1 1-	1/0CU	0	0	1259	319	13	0	0	0.00	0.31	0
CO28640+	CO28655	5.97	18 3-	1/0CU	1593	1476	1263	319	100	2	1	0.00	0.31	0
CO28609+	CO28640	6.06	1 1-	1/0CU	0	0	1250	318	4	0	0	0.00	0.31	0
CO28664+	CO28640	5.98	17 3-	1/0CU	1592	1475	1262	319	95	2	1	0.00	0.31	0
OC892+	CO28664	5.98	17 3-	50 E OCR	1592	1475	1262	319	95	2	4	0.00	0.31	0
CO28665+	OC892	6.03	17 3-	1/0CU	1584	1466	1254	319	95	2	1	0.00	0.31	0
CO28601+	CO28665	6.19	16 3-	1/0CU	1559	1442	1231	317	95	2	1	0.00	0.31	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO28602+	CO28601	6.48	13 3-	1/0CU	1518	1405	1193	316	65	1	0	0.00	0.31	0
CO414124720+	CO28602	6.58	8 3-	2ACSR	1497	1387	1175	314	34	0	0	0.00	0.31	0
CO1659916219+	CO414124720	6.63	1 1-	2ACSR	0	0	1165	313	9	0	0	0.00	0.31	0
CO-1676138749+	CO414124720	6.89	7 3-	2ACSR	1435	1333	1121	310	25	0	0	0.00	0.32	0
CO28656+	CO-1676138749	6.90	3 1-	6ACWC	0	0	1119	310	7	0	0	0.00	0.32	0
OC886+	CO28656	6.90	3 1-	10 N FUSE	0	0	1119	310	7	0	5	0.00	0.32	0
CO28657+	OC886	7.22	3 1-	6ACWC	0	0	1058	304	7	0	0	0.00	0.32	0
CO28636+	CO28657	7.36	3 1-	4ACSR	0	0	1033	302	7	0	0	0.00	0.32	0
CO28638+	CO28636	7.44	2 1-	4ACSR	0	0	1018	300	7	0	0	0.00	0.32	0
CO28639+	CO28638	7.52	1 1-	4ACSR	0	0	1004	299	4	0	0	0.00	0.32	0
CO28637+	CO28636	7.47	1 1-	2ACSR	0	0	1016	300	0	0	0	0.00	0.32	0
CO28632+	CO28657	7.27	0 1-	750 MCM - 42 Wi	0	0	1055	304	0	0	0	0.00	0.32	0
CO28633+	CO28632	7.55	0 1-	750 MCM - 42 Wi	0	0	1036	303	0	0	0	0.00	0.32	0
CO30422+	CO-1676138749	7.08	4 3-	1/0CU	1411	1311	1099	309	18	0	0	0.00	0.32	0
CO30427+	CO30422	7.41	3 1-	6ACWC	0	0	1038	303	8	0	0	0.00	0.32	0
CO1965823862+	CO30427	7.76	1 1-	1/0PRIURD	0	0	999	579	7	0	0	0.00	0.32	0
CO28401+	CO30422	7.27	1 3-	1/0CU	1388	1289	1078	308	10	0	0	0.00	0.32	0
CO-699657242+	CO28401	7.39	1 3-	2ACSR	1366	1270	1059	306	10	0	0	0.00	0.32	0
CO1187689468+	CO-699657242	7.49	1 3-	2ACSR	1349	1254	1044	305	10	0	0	0.00	0.32	0
CO277846335+	CO-699657242	7.42	0 3-	2ACSR	1361	1265	1055	306	0	0	0	0.00	0.32	0
SW868-B+	CO277846335	7.42	0 3-	Open	1361	1265	1055	306	0	0	0	0.00	0.32	0
CO28658+	CO28602	6.48	4 1-	6ACWC	0	0	1192	315	17	1	1	0.00	0.31	0
OC887+	CO28658	6.48	4 1-	10 N FUSE	0	0	1192	315	17	1	11	0.00	0.31	0
CO28659+	OC887	6.63	4 1-	6ACWC	0	0	1159	313	17	1	1	0.00	0.32	0
CO28653+	CO28659	6.66	3 1-	6ACWC	0	0	1154	312	11	0	1	0.00	0.32	0
CO28603+	CO28653	6.93	0 1-	6ACWC	0	0	1100	307	0	0	0	0.00	0.32	0
CO28611+	CO28653	6.72	3 1-	6ACWC	0	0	1142	311	11	0	1	0.00	0.32	0
CO28612+	CO28602	6.53	1 1-	1/0CU	0	0	1186	315	14	0	0	0.00	0.31	0
CO28660+	CO28601	6.20	3 1-	4ACSR	0	0	1230	317	31	2	1	0.00	0.31	0
OC888+	CO28660	6.20	3 1-	10 N FUSE	0	0	1230	317	31	2	21	0.00	0.31	0
CO28661+	OC888	6.30	3 1-	4ACSR	0	0	1205	315	31	2	1	0.00	0.32	0
CO28641+	CO28661	6.39	3 1-	4ACSR	0	0	1186	314	31	2	1	0.00	0.32	0
CO28642+	CO28641	6.43	2 1-	4ACSR	0	0	1177	313	22	1	1	0.00	0.32	0
CO28647+	CO28642	6.51	1 1-	4ACSR	0	0	1160	311	12	0	1	0.00	0.32	0
CO28616+	CO28647	6.61	1 1-	2ACSR	0	0	1143	310	12	0	0	0.00	0.32	0
CO28648+	CO28647	6.56	0 1-	4ACSR	0	0	1149	310	0	0	0	0.00	0.32	0
CO28631+	CO28648	6.69	0 1-	4ACSR	0	0	1123	308	0	0	0	0.00	0.32	0
CO28614+	CO28641	6.55	1 1-	2ACSR	0	0	1158	312	9	0	0	0.00	0.32	0
CO28610+	CO28665	6.17	0 1-	1/0CU	0	0	1234	318	0	0	0	0.00	0.31	0
CO28643+	CO28630	5.90	1 1-	1/0CU	0	0	1274	319	17	1	0	0.00	0.31	0
CO28645+	CO28643	6.06	1 1-	2ACSR	0	0	1240	317	17	1	1	0.00	0.31	0
CO28646+	CO28645	6.22	1 1-	2ACSR	0	0	1209	315	17	1	1	0.00	0.31	0
CO28644+	CO28643	6.02	0 1-	1/0CU	0	0	1256	319	0	0	0	0.00	0.31	0
CO28620+	CO28600	4.04	5 1-	6ACWC	0	0	1611	331	28	1	1	0.00	0.27	0
CO28621+	CO28620	4.11	3 1-	6ACWC	0	0	1586	330	14	0	1	0.00	0.27	0
CO28605+	CO28621	4.22	1 1-	4ACSR	0	0	1544	328	10	0	0	0.00	0.27	0
CO28622+	CO28621	4.25	2 1-	6ACWC	0	0	1536	327	3	0	0	0.00	0.27	0
CO28623+	CO28622	4.43	2 1-	6ACWC	0	0	1473	324	3	0	0	0.00	0.27	0
CO28606+	CO28623	4.48	1 1-	4ACSR	0	0	1454	322	1	0	0	0.00	0.27	0
CO28624+	CO28623	4.54	1 1-	6ACWC	0	0	1437	321	2	0	0	0.00	0.27	0
CO28625+	CO28624	4.70	1 1-	6ACWC	0	0	1386	318	2	0	0	0.00	0.27	0
CO28662+	CO28600	3.97	72 1-	6ACWC	0	0	1638	333	405	27	20	0.00	0.27	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC889+	CO28662	3.97	72 1-	70 L OCR	0	0	1638	333	405	27	39	0.00	0.27	0
XFMR75	OC889	3.97	72 1-	333 KVA 1PH AUT	0	0	990	175	405	27	119	0.99	1.26	0
CO28663	XFMR75	4.17	72 1-	6ACWC	0	0	945	172	405	55	39	0.49	1.75	319
CO28607	CO28663	4.38	1 1-	6ACWC	0	0	900	170	2	0	0	0.00	1.75	0
CO28626	CO28663	4.41	71 1-	6ACWC	0	0	893	170	401	54	39	0.59	2.34	383
CO30421	CO28626	4.94	71 1-	6ACWC	0	0	787	164	399	54	39	1.29	3.62	832
CO28269	CO30421	5.00	70 1-	6ACWC	0	0	775	164	394	54	39	0.16	3.78	102
CO28243	CO28269	5.19	2 1-	6ACWC	0	0	742	162	3	0	0	0.00	3.78	0
CO28285	CO28243	5.42	2 1-	6ACWC	0	0	705	160	3	0	0	0.00	3.79	0
CO28214	CO28285	5.50	2 1-	6ACWC	0	0	692	159	3	0	0	0.00	3.79	0
CO28286	CO28214	5.79	0 1-	6ACWC	0	0	649	156	0	0	0	0.00	3.79	0
CO28259	CO28214	5.59	1 1-	6ACWC	0	0	678	158	0	0	0	0.00	3.79	0
CO28260	CO28259	5.71	0 1-	6ACWC	0	0	660	157	0	0	0	0.00	3.79	0
CO28246	CO28285	5.80	0 1-	6ACWC	0	0	648	156	0	0	0	0.00	3.79	0
CO28247	CO28246	6.02	0 1-	6ACWC	0	0	618	154	0	0	0	0.00	3.79	0
CO28211	CO28269	5.05	67 1-	6ACWC	0	0	767	163	384	53	38	0.11	3.89	72
CO28225	CO28211	5.17	0 1-	6ACWC	0	0	745	162	0	0	0	0.00	3.89	0
CO28213	CO28211	5.33	67 1-	6ACWC	0	0	718	160	384	53	38	0.67	4.56	420
CO28212	CO28213	5.41	67 1-	6ACWC	0	0	705	160	382	53	38	0.19	4.75	123
CO28267	CO28212	5.53	61 1-	6ACWC	0	0	688	159	345	48	34	0.24	4.99	136
CO28268	CO28267	5.57	60 1-	6ACWC	0	0	681	158	344	48	34	0.09	5.09	54
CO28203	CO28268	5.68	38 1-	6ACWC	0	0	664	157	181	25	18	0.13	5.22	39
CO28218	CO28203	5.73	1 1-	6ACWC	0	0	657	157	3	0	0	0.00	5.22	0
CO28204	CO28203	5.86	37 1-	6ACWC	0	0	639	155	177	24	18	0.20	5.42	59
CO28273	CO28204	6.22	36 1-	6ACWC	0	0	593	152	176	24	18	0.39	5.81	115
CO28274	CO28273	6.26	35 1-	6ACWC	0	0	588	152	176	24	18	0.04	5.85	12
CO28239	CO28274	6.37	34 1-	6ACWC	0	0	575	151	175	24	18	0.13	5.97	37
CO28205	CO28239	6.44	33 1-	6ACWC	0	0	567	150	175	24	18	0.08	6.05	22
CO28207	CO28205	6.82	0 1-	6ACWC	0	0	527	147	0	0	0	0.00	6.05	0
CO28287	CO28207	7.21	0 1-	6ACWC	0	0	491	144	0	0	0	0.00	6.05	0
CO28244	CO28287	7.49	0 1-	6ACWC	0	0	467	142	0	0	0	0.00	6.05	0
CO28208	CO28207	6.89	0 1-	6ACWC	0	0	520	147	0	0	0	0.00	6.05	0
CO28221	CO28208	6.95	0 1-	6ACWC	0	0	515	146	0	0	0	0.00	6.05	0
CO28258	CO28208	6.98	0 1-	6ACWC	0	0	512	146	0	0	0	0.00	6.05	0
CO28278	CO28258	7.02	0 1-	6ACWC	0	0	508	145	0	0	0	0.00	6.05	0
CO28279	CO28278	7.07	0 1-	6ACWC	0	0	504	145	0	0	0	0.00	6.05	0
CO28206	CO28205	6.51	33 1-	6ACWC	0	0	560	150	174	24	18	0.07	6.12	21
CO28222	CO28206	6.54	1 1-	6ACWC	0	0	556	149	9	1	1	0.00	6.12	0
CO28210	CO28206	6.57	32 1-	6ACWC	0	0	552	149	165	23	17	0.07	6.19	20
CO28209	CO28210	6.73	32 1-	6ACWC	0	0	536	148	165	23	17	0.16	6.35	44
CO28240	CO28209	6.76	30 1-	6ACWC	0	0	533	148	160	22	16	0.03	6.39	8
CO28241	CO28240	6.81	29 1-	6ACWC	0	0	528	147	150	21	15	0.05	6.43	11
CO28242	CO28241	6.94	29 1-	6ACWC	0	0	515	146	150	21	15	0.12	6.55	31
CO30376	CO28242	7.18	29 1-	6ACWC	0	0	494	144	150	21	15	0.22	6.78	56
CO26105	CO30376	7.57	28 1-	6ACWC	0	0	462	141	145	20	15	0.36	7.13	87
CO26129	CO26105	7.57	26 1-	6ACWC	0	0	461	141	134	19	14	0.01	7.14	0
OC793	CO26129	7.57	26 1-	25 H OCR	0	0	461	141	134	19	77	0.00	7.14	0
CO26130	OC793	7.61	26 1-	6ACWC	0	0	458	141	134	19	14	0.03	7.17	7
CO26103	CO26130	7.67	26 1-	6ACWC	0	0	453	140	134	19	14	0.05	7.22	12
CO26104	CO26103	7.93	24 1-	6ACWC	0	0	435	139	130	18	13	0.21	7.43	47
CO26067	CO26104	8.11	21 1-	6ACWC	0	0	422	137	119	16	12	0.14	7.57	28
CO26083	CO26067	8.12	2 1-	6ACWC	0	0	422	137	8	1	1	0.00	7.57	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26101	CO26083	8.19	2 1-	6ACWC	0	0	417	137	8	1	1	0.00	7.57	0
CO26102	CO26101	8.28	2 1-	6ACWC	0	0	412	136	8	1	1	0.00	7.58	0
CO26068	CO26067	8.75	19 1-	6ACWC	0	0	384	133	111	15	11	0.45	8.02	86
CO26074	CO26068	8.83	3 1-	6ACWC	0	0	380	132	13	1	1	0.00	8.03	0
CO26094	CO26068	8.88	5 1-	6ACWC	0	0	377	132	19	2	2	0.01	8.04	0
CO26095	CO26094	8.93	2 1-	6ACWC	0	0	374	132	1	0	0	0.00	8.04	0
CO26096	CO26095	9.07	1 1-	6ACWC	0	0	367	131	0	0	0	0.00	8.04	0
CO26093	CO26094	8.93	2 1-	6ACWC	0	0	374	132	13	1	1	0.00	8.04	0
CO26087	CO26068	8.91	11 1-	6ACWC	0	0	375	132	78	11	8	0.08	8.10	10
CO26127	CO26087	9.03	0 1-	6ACWC	0	0	369	131	0	0	0	0.00	8.10	0
CO26128	CO26127	9.40	0 1-	6ACWC	0	0	351	129	0	0	0	0.00	8.10	0
CO26071	CO26087	8.99	10 1-	6ACWC	0	0	371	131	71	10	7	0.03	8.14	4
CO26070	CO26071	9.61	4 1-	6ACWC	0	0	341	127	31	4	3	0.12	8.26	6
CO26075	CO26070	9.68	1 1-	6ACWC	0	0	338	127	4	0	0	0.00	8.26	0
CO26106	CO26070	9.70	3 1-	6ACWC	0	0	337	127	27	3	3	0.02	8.27	0
CO30377	CO26106	10.07	2 1-	6ACWC	0	0	322	125	25	3	3	0.03	8.30	0
CO28245	CO30377	10.13	1 1-	6ACWC	0	0	320	124	0	0	0	0.00	8.30	0
CO26069	CO26071	9.06	6 1-	6ACWC	0	0	367	131	41	5	4	0.02	8.15	0
CO26086	CO26069	9.22	3 1-	6ACWC	0	0	360	130	18	2	2	0.01	8.17	0
CO26107	CO26086	9.41	2 1-	6ACWC	0	0	350	128	10	1	1	0.01	8.17	0
CO26108	CO26107	9.54	1 1-	6ACWC	0	0	344	128	1	0	0	0.00	8.18	0
CO26100	CO26108	9.68	0 1-	6ACWC	0	0	338	127	0	0	0	0.00	8.18	0
CO26099	CO26108	9.64	1 1-	2ACSR	0	0	341	127	1	0	0	0.00	8.18	0
CO26084	CO26069	9.10	3 1-	6ACWC	0	0	365	131	22	3	2	0.00	8.16	0
CO26085	CO26084	9.16	1 1-	6ACWC	0	0	363	130	7	0	1	0.00	8.16	0
CO26073	CO26104	8.07	2 1-	6ACWC	0	0	425	138	11	1	1	0.00	7.44	0
CO26091	CO26104	8.18	1 1-	6ACWC	0	0	418	137	0	0	0	0.00	7.43	0
CO26092	CO26091	8.25	1 1-	6ACWC	0	0	413	136	0	0	0	0.00	7.43	0
CO26072	CO26105	7.60	2 1-	6ACWC	0	0	459	141	11	1	1	0.00	7.13	0
CO28224	CO28209	6.84	1 1-	6ACWC	0	0	525	147	2	0	0	0.00	6.35	0
CO28223	CO28210	6.69	0 1-	6ACWC	0	0	540	148	0	0	0	0.00	6.19	0
CO28220	CO28239	6.43	1 1-	6ACWC	0	0	568	150	0	0	0	0.00	5.97	0
CO28219	CO28204	5.90	1 1-	6ACWC	0	0	634	155	1	0	0	0.00	5.42	0
CO28283	CO28268	5.58	22 1-	6ACWC	0	0	680	158	163	22	16	0.01	5.09	0
OC866	CO28283	5.58	22 1-	25 H OCR	0	0	680	158	163	22	91	0.00	5.09	0
CO28284	OC866	5.77	22 1-	6ACWC	0	0	651	156	163	22	16	0.20	5.29	54
CO28266	CO28284	5.80	21 1-	6ACWC	0	0	647	156	162	22	16	0.03	5.32	8
CO28231	CO28266	6.00	21 1-	6ACWC	0	0	621	154	162	22	16	0.20	5.52	53
CO28217	CO28231	6.11	1 1-	6ACWC	0	0	606	153	10	1	1	0.00	5.52	0
CO28275	CO28231	6.06	20 1-	6ACWC	0	0	612	154	152	21	15	0.06	5.58	16
CO28276	CO28275	6.14	19 1-	6ACWC	0	0	603	153	146	20	15	0.07	5.65	16
CO28277	CO28276	6.32	19 1-	6ACWC	0	0	581	151	146	20	15	0.16	5.81	40
CO28262	CO28277	6.39	16 1-	6ACWC	0	0	572	151	114	16	11	0.05	5.86	10
CO28263	CO28262	6.53	14 1-	6ACWC	0	0	557	150	106	14	11	0.09	5.96	16
CO28228	CO28263	6.56	4 1-	6ACWC	0	0	554	149	12	1	1	0.00	5.96	0
CO28227	CO28228	6.63	3 1-	2ACSR	0	0	548	149	8	1	1	0.00	5.96	0
CO28254	CO28263	6.57	9 1-	6ACWC	0	0	553	149	77	10	8	0.02	5.97	2
CO28256	CO28254	6.61	1 1-	2ACSR	0	0	549	149	17	2	1	0.00	5.98	0
CO28255	CO28254	6.79	7 1-	6ACWC	0	0	530	147	54	7	5	0.07	6.05	7
CO28229	CO28255	6.92	2 1-	6ACWC	0	0	518	146	27	3	3	0.02	6.07	0
CO28280	CO28229	6.94	2 1-	6ACWC	0	0	515	146	27	3	3	0.00	6.07	0
CO28281	CO28280	7.24	2 1-	6ACWC	0	0	489	144	27	3	3	0.04	6.11	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28272	CO28281	7.25	1 1-	6ACWC	0	0	487	144	11	1	1	0.00	6.11	0
CO28230	CO28272	7.28	1 1-	6ACWC	0	0	484	143	11	1	1	0.00	6.11	0
CO151454372	CO28230	7.32	1 1-	2ACSR	0	0	482	143	11	1	1	0.00	6.11	0
CO-157283989	CO151454372	7.37	1 1-	1/0PRIURD	0	0	479	269	11	1	1	0.00	6.11	0
CO28216	CO28255	6.86	1 1-	6ACWC	0	0	524	147	2	0	0	0.00	6.05	0
CO28215	CO28255	7.07	1 1-	6ACWC	0	0	503	145	3	0	0	0.00	6.05	0
CO28248	CO28255	6.93	3 1-	6ACWC	0	0	516	146	22	3	2	0.02	6.06	0
CO28249	CO28248	6.95	2 1-	6ACWC	0	0	514	146	13	1	1	0.00	6.06	0
CO907513739	CO28249	7.00	1 1-	2ACSR	0	0	511	146	7	0	1	0.00	6.06	0
CO28250	CO28249	7.06	1 1-	6ACWC	0	0	504	145	6	0	1	0.00	6.07	0
CO28253	CO28263	6.65	1 1-	6ACWC	0	0	545	149	17	2	2	0.01	5.97	0
CO28252	CO28253	6.69	1 1-	6ACWC	0	0	540	148	17	2	2	0.00	5.97	0
CO28251	CO28277	6.37	3 1-	6ACWC	0	0	575	151	32	4	3	0.01	5.82	0
CO28270	CO28251	6.46	3 1-	6ACWC	0	0	565	150	32	4	3	0.01	5.84	0
CO28271	CO28270	6.55	2 1-	6ACWC	0	0	555	149	20	2	2	0.01	5.84	0
CO28232	CO28212	5.62	6 1-	6ACWC	0	0	674	158	36	4	4	0.04	4.80	3
CO28233	CO28232	5.65	6 1-	6ACWC	0	0	668	157	36	4	4	0.01	4.81	0
CO28257	CO28233	5.69	4 1-	6ACWC	0	0	663	157	22	3	2	0.00	4.81	0
CO28264	CO28257	5.72	3 1-	6ACWC	0	0	659	157	15	2	1	0.00	4.81	0
CO28265	CO28264	5.75	2 1-	6ACWC	0	0	654	156	11	1	1	0.00	4.81	0
CO28234	CO28233	5.88	2 1-	6ACWC	0	0	637	155	14	1	1	0.02	4.83	0
CO28235	CO28234	6.05	2 1-	6ACWC	0	0	614	154	14	1	1	0.01	4.84	0
CO28236	CO28235	6.10	1 1-	6ACWC	0	0	607	153	6	0	1	0.00	4.84	0
CO28237	CO28236	6.17	1 1-	6ACWC	0	0	599	153	6	0	1	0.00	4.84	0
CO28238	CO28237	6.21	1 1-	6ACWC	0	0	594	152	6	0	1	0.00	4.84	0
CO28226	CO28213	5.38	0 1-	6ACWC	0	0	711	160	0	0	0	0.00	4.56	0
CO28618+	CO28619	3.66	0 1-	4ACSR	0	0	1700	334	0	0	0	0.00	0.23	0
CO28634+	CO30503	3.16	2 1-	4ACSR	0	0	1815	336	0	0	0	0.00	0.21	0
CO28635+	CO28634	3.34	1 1-	4ACSR	0	0	1732	332	0	0	0	0.00	0.21	0
SUB	0 total losses:	\$97,050												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0 OAK RIDGE		1308			2530	2704	2706	354	5451					
CO719616330+	OAK RIDGE	0.00	1308 3-	500 MCM ACSR 30	2529	2703	2705	353	5451	121	18	0.00	0.00	5
CO-1734132280+	CO719616330	0.01	1308 3-	500 MCM ACSR 30	2528	2700	2702	353	5451	121	18	0.00	0.00	11
CO2047314882+	CO-1734132280	0.01	178 3-	336ACSR	2527	2699	2700	353	603	13	3	0.00	0.00	0
Petersville+	CO2047314882	0.01	178 3-	560 200WVE	2527	2699	2700	353	603	13	2	0.00	0.00	0
CO2125450549+	Petersville	0.01	178 3-	336ACSR	2526	2698	2700	353	603	13	3	0.00	0.00	0
CO-82601623+	CO2125450549	0.06	178 3-	2ACSR	2504	2658	2661	353	603	13	8	0.01	0.01	9
CO-553448886+	CO-82601623	0.10	178 3-	2ACSR	2490	2632	2637	352	603	13	8	0.01	0.02	6
CO-718295770+	CO-553448886	0.14	178 3-	2ACSR	2469	2596	2602	351	603	13	8	0.01	0.03	8
CO565453414+	CO-718295770	0.20	178 3-	2ACSR	2443	2553	2559	351	603	13	8	0.01	0.04	10
CO18219+	CO565453414	0.33	1 3-	1/0ACSR	2394	2477	2481	349	9	0	0	0.00	0.04	0
CO18216+	CO565453414	0.21	177 3-	1/0ACSR	2439	2546	2552	350	594	13	6	0.00	0.04	0
CO18218+	CO18216	0.24	176 3-	1/0ACSR	2427	2527	2533	350	587	13	6	0.00	0.04	3
CO18217+	CO18218	0.38	174 3-	1/0ACSR	2373	2444	2446	349	586	13	6	0.02	0.06	14
CO18121+	CO18217	0.55	9 1-	4ACSR	0	0	2322	345	29	1	1	0.01	0.06	0
CO18289+	CO18121	0.58	1 1-	4ACSR	0	0	2297	344	5	0	0	0.00	0.06	0
CO18288+	CO18289	0.67	0 1-	4ACSR	0	0	2236	342	0	0	0	0.00	0.06	0
CO18234+	CO18121	0.64	8 1-	4ACSR	0	0	2256	343	24	1	1	0.00	0.07	0
CO18233+	CO18234	0.66	7 1-	4ACSR	0	0	2240	342	24	1	1	0.00	0.07	0
CO18156+	CO18233	0.78	1 1-	4ACSR	0	0	2162	340	4	0	0	0.00	0.07	0
CO18122+	CO18233	0.76	6 1-	4ACSR	0	0	2173	340	20	1	1	0.00	0.07	0
OC-1134605909+	CO18122	0.76	6 1-	20 N FUSE	0	0	2173	340	20	1	7	0.00	0.07	0
CO18291+	OC-1134605909	0.81	2 1-	4ACSR	0	0	2141	339	10	0	0	0.00	0.07	0
CO18290+	CO18291	0.88	2 1-	4ACSR	0	0	2090	338	10	0	0	0.00	0.07	0
CO18236+	OC-1134605909	1.00	4 1-	4ACSR	0	0	2016	335	10	0	0	0.00	0.07	0
CO18235+	CO18236	1.01	2 1-	4ACSR	0	0	2009	335	5	0	0	0.00	0.07	0
CO18237+	CO18235	1.14	2 1-	4ACSR	0	0	1930	332	5	0	0	0.00	0.08	0
CO18283+	CO18237	1.24	2 1-	4ACSR	0	0	1875	330	5	0	0	0.00	0.08	0
CO18287+	CO18283	1.28	2 1-	4ACSR	0	0	1854	330	5	0	0	0.00	0.08	0
CO18284+	CO18287	1.45	2 1-	4ACSR	0	0	1763	326	5	0	0	0.00	0.08	0
CO18286+	CO18284	1.48	2 1-	4ACSR	0	0	1746	325	5	0	0	0.00	0.08	0
CO18285+	CO18286	1.50	1 1-	4ACSR	0	0	1734	325	2	0	0	0.00	0.08	0
CO18282+	CO18285	1.30	0 1-	4ACSR	0	0	1843	329	0	0	0	0.00	0.08	0
CO30632+	CO18282	1.44	0 1-	4ACSR	0	0	1765	326	0	0	0	0.00	0.08	0
CO30631+	CO18217	0.86	165 3-	1/0ACSR	2198	2200	2181	344	557	12	5	0.05	0.11	44
CO7848+	CO30631	1.01	165 3-	1/0ACSR	2147	2134	2107	342	556	12	5	0.02	0.13	14
CO7857+	CO7848	1.20	9 1-	4ACSR	0	0	1994	338	39	2	2	0.01	0.14	0
CO7856+	CO7857	1.26	8 1-	4ACSR	0	0	1962	337	36	2	2	0.00	0.14	0
CO7922+	CO7856	1.32	6 1-	4ACSR	0	0	1930	336	21	1	1	0.00	0.14	0
CO7920+	CO7922	1.41	3 1-	4ACSR	0	0	1878	334	12	0	1	0.00	0.14	0
CO7921+	CO7920	1.49	1 1-	4ACSR	0	0	1838	332	1	0	0	0.00	0.14	0
CO7806+	CO7806	1.31	1 1-	4ACSR	0	0	1932	336	7	0	0	0.00	0.14	0
CO7850+	CO7848	1.10	155 3-	1/0ACSR	2120	2101	2069	341	517	11	5	0.01	0.14	6
CO7849+	CO7850	1.21	155 3-	1/0ACSR	2085	2058	2020	340	517	11	5	0.01	0.15	9
CO7851+	CO7849	1.27	153 3-	1/0ACSR	2066	2035	1994	339	506	11	5	0.01	0.15	5
CO7855+	CO7851	1.31	152 3-	1/0ACSR	2052	2019	1975	339	502	11	5	0.00	0.16	3
CO7852+	CO7855	1.36	152 3-	1/0ACSR	2036	2000	1953	338	502	11	5	0.01	0.16	4
CO7854+	CO7852	1.39	151 3-	1/0ACSR	2028	1990	1942	338	501	11	5	0.00	0.17	0
CO7853+	CO7854	1.43	150 3-	1/0ACSR	2017	1977	1927	338	493	11	5	0.00	0.17	3
CO7793+	CO7853	1.47	149 3-	1/0ACSR	2003	1961	1908	337	488	11	5	0.00	0.17	3
CO7825+	CO7793	1.53	148 3-	1/0ACSR	1987	1943	1887	337	487	11	5	0.01	0.18	4

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO7826+	CO7825	1.59	147 3-	1/0ACSR	1968	1921	1863	336	481	10	5	0.01	0.19	4
CO7923+	CO7826	1.67	4 1-	4ACSR	0	0	1825	335	31	2	2	0.00	0.19	0
CO7925+	CO7923	1.73	4 1-	4ACSR	0	0	1794	333	31	2	2	0.00	0.19	0
CO7926+	CO7925	1.74	3 1-	4ACSR	0	0	1788	333	27	1	1	0.00	0.19	0
CO7924+	CO7926	1.84	1 1-	4ACSR	0	0	1743	331	3	0	0	0.00	0.19	0
CO7821+	CO7925	1.78	1 1-	4ACSR	0	0	1771	332	5	0	0	0.00	0.19	0
CO7859+	CO7826	1.70	141 3-	1/0ACSR	1937	1885	1822	335	447	10	4	0.01	0.20	6
CO7858+	CO7859	1.85	139 3-	1/0ACSR	1896	1839	1769	333	433	9	4	0.01	0.21	8
CO7794+	CO7858	1.91	138 3-	1/0ACSR	1881	1822	1750	333	428	9	4	0.00	0.21	3
CO7866+	CO7794	1.97	136 3-	1/0ACSR	1865	1805	1730	332	427	9	4	0.01	0.22	3
CO7865+	CO7866	2.02	135 3-	1/0ACSR	1851	1789	1712	332	427	9	4	0.00	0.22	3
CO7930+	CO7865	2.07	1 1-	4ACSR	0	0	1690	331	0	0	0	0.00	0.22	0
CO7927+	CO7930	2.22	1 1-	4ACSR	0	0	1626	328	0	0	0	0.00	0.22	0
CO7929+	CO7927	2.32	1 1-	4ACSR	0	0	1588	326	0	0	0	0.00	0.22	0
CO7928+	CO7929	2.39	1 1-	4ACSR	0	0	1562	324	0	0	0	0.00	0.22	0
CO7860+	CO7865	2.07	134 3-	1/0ACSR	1839	1778	1698	331	427	9	4	0.00	0.23	2
CO7864+	CO7860	2.15	134 3-	1/0ACSR	1819	1757	1673	331	427	9	4	0.01	0.23	4
CO7861+	CO7864	2.25	134 3-	1/0ACSR	1793	1729	1641	330	427	9	4	0.01	0.24	6
CO7863+	CO7861	2.31	133 3-	1/0ACSR	1780	1715	1625	329	417	9	4	0.00	0.25	3
CO7862+	CO7863	2.38	132 3-	1/0ACSR	1762	1696	1603	328	415	9	4	0.01	0.25	4
CO7937+	CO7862	2.39	77 1-	6ACWC	0	0	1601	328	268	18	13	0.00	0.26	0
OC210+	CO7937	2.39	77 1-	35 E OCR	0	0	1601	328	268	18	52	0.00	0.26	0
CO7938+	OC210	2.46	77 1-	6ACWC	0	0	1574	327	268	18	13	0.03	0.29	12
CO7867+	CO7938	2.83	77 1-	6ACWC	0	0	1442	320	268	18	13	0.15	0.44	65
AU8	CO7867	2.83	77 1-	167 KVA 1PH AUT	0	0	673	170	268	18	158	1.16	1.60	0
CO7799	AU8	2.91	75 1-	6ACWC	0	0	664	169	257	35	25	0.13	1.73	54
CO7898	CO7799	2.94	75 1-	6ACWC	0	0	660	169	257	35	25	0.05	1.79	22
CO7897	CO7898	3.10	75 1-	6ACWC	0	0	644	167	257	35	25	0.24	2.03	101
CO7899	CO7897	3.41	75 1-	6ACWC	0	0	613	164	256	35	25	0.49	2.52	203
CO7796	CO7899	3.53	71 1-	4ACSR	0	0	600	162	248	34	24	0.19	2.71	75
CO7939	CO7796	3.54	6 1-	4ACSR	0	0	600	162	7	0	1	0.00	2.71	0
OC206	CO7939	3.54	6 1-	15 H OCR	0	0	600	162	7	0	7	0.00	2.71	0
CO7940	OC206	3.88	6 1-	4ACSR	0	0	567	159	7	0	1	0.02	2.73	0
CO7868	CO7940	4.07	6 1-	4ACSR	0	0	549	157	7	0	1	0.01	2.73	0
CO7869	CO7868	4.17	6 1-	4ACSR	0	0	540	156	7	0	1	0.00	2.74	0
CO8374	CO7869	4.36	6 1-	4ACSR	0	0	524	154	7	0	1	0.01	2.75	0
CO7347	CO8374	4.40	5 1-	4ACSR	0	0	521	154	6	0	1	0.00	2.75	0
CO7348	CO7347	4.48	5 1-	4ACSR	0	0	513	153	6	0	1	0.00	2.75	0
CO7427	CO7348	4.53	4 1-	4ACSR	0	0	509	153	4	0	0	0.00	2.75	0
CO7428	CO7427	4.58	3 1-	4ACSR	0	0	505	152	3	0	0	0.00	2.75	0
CO7410	CO7428	4.60	3 1-	4ACSR	0	0	503	152	3	0	0	0.00	2.75	0
CO7411	CO7410	4.69	2 1-	4ACSR	0	0	497	151	3	0	0	0.00	2.76	0
CO7350	CO7411	4.84	2 1-	4ACSR	0	0	485	150	3	0	0	0.00	2.76	0
CO7349	CO7350	4.92	1 1-	4ACSR	0	0	479	149	3	0	0	0.00	2.76	0
CO8364	CO7349	5.16	1 1-	4ACSR	0	0	462	147	3	0	0	0.00	2.76	0
CO7112	CO8364	5.21	0 1-	4ACSR	0	0	458	147	0	0	0	0.00	2.76	0
CO7113	CO7112	5.26	0 1-	4ACSR	0	0	455	147	0	0	0	0.00	2.76	0
CO7323	CO8374	4.45	1 1-	2ACSR	0	0	517	154	1	0	0	0.00	2.75	0
CO7815	CO7868	4.14	0 1-	4ACSR	0	0	543	156	0	0	0	0.00	2.73	0
CO7797	CO7796	3.70	63 1-	4ACSR	0	0	584	161	237	32	23	0.25	2.97	98
CO7798	CO7797	3.85	62 1-	2ACSR	0	0	571	160	233	32	18	0.15	3.12	55
CO-1543981962	CO7798	3.88	1 1-	2ACSR	0	0	569	159	2	0	0	0.00	3.12	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23997104	CO7798	4.19	59 1-	2ACSR	0	0	545	157	228	31	18	0.34	3.46	121
CO7943	CO23997104	4.20	51 1-	4ACSR	0	0	544	157	199	27	20	0.01	3.47	3
OC207	CO7943	4.20	51 1-	20 N FUSE	0	0	544	157	199	27	138	0.00	3.47	0
CO7944	OC207	4.27	51 1-	4ACSR	0	0	538	157	199	27	20	0.09	3.55	28
CO7891	CO7944	4.37	50 1-	4ACSR	0	0	529	156	192	26	19	0.13	3.68	40
CO7892	CO7891	4.47	49 1-	4ACSR	0	0	521	155	192	26	19	0.12	3.80	38
CO7890	CO7892	4.50	48 1-	4ACSR	0	0	519	154	189	26	19	0.03	3.83	8
CO7888	CO7890	4.63	48 1-	4ACSR	0	0	508	153	189	26	19	0.15	3.98	47
CO7889	CO7888	4.72	45 1-	4ACSR	0	0	500	152	184	25	18	0.11	4.09	35
CO7932	CO7889	4.79	2 1-	4ACSR	0	0	495	152	17	2	2	0.01	4.10	0
CO7931	CO7932	4.86	1 1-	4ACSR	0	0	490	151	11	1	1	0.00	4.11	0
CO8376	CO7931	4.98	1 1-	4ACSR	0	0	481	150	11	1	1	0.01	4.11	0
CO7379	CO8376	5.08	1 1-	4ACSR	0	0	474	149	11	1	1	0.00	4.12	0
CO7894	CO7889	4.84	43 1-	4ACSR	0	0	492	151	166	23	17	0.12	4.21	32
CO7893	CO7894	4.89	42 1-	4ACSR	0	0	488	151	162	22	16	0.05	4.26	14
CO7896	CO7893	4.96	41 1-	4ACSR	0	0	482	150	160	22	16	0.08	4.34	19
CO7895	CO7896	5.20	38 1-	4ACSR	0	0	465	148	146	20	15	0.22	4.56	53
CO7945	CO7895	5.49	37 1-	4ACSR	0	0	445	146	146	20	15	0.26	4.82	64
CO8375	CO7945	5.58	37 1-	4ACSR	0	0	439	145	145	20	15	0.08	4.90	20
CO7373	CO8375	5.89	37 1-	4ACSR	0	0	420	143	145	20	15	0.29	5.20	70
CO-1763450846	CO7373	6.05	19 1-	2ACSR	0	0	412	142	75	10	6	0.05	5.25	6
OC-88637280	CO-1763450846	6.05	19 1-	15 H OCR	0	0	412	142	75	10	71	0.00	5.25	0
CO781684917	OC-88637280	6.08	0 1-	2ACSR	0	0	411	141	0	0	0	0.00	5.25	0
CO-41078503	OC-88637280	6.18	19 1-	2ACSR	0	0	406	141	75	10	6	0.04	5.29	5
CO-1612884665	CO-41078503	6.35	19 1-	2ACSR	0	0	398	140	75	10	6	0.06	5.35	7
CO-251152504	CO-1612884665	6.48	19 1-	2ACSR	0	0	392	139	75	10	6	0.05	5.39	5
CO-1409394140	CO-251152504	6.55	19 1-	2ACSR	0	0	390	139	75	10	6	0.02	5.41	2
CO1557642705	CO-1409394140	6.60	1 1-	1/0PRIURD	0	0	388	247	6	0	1	0.00	5.42	0
CO-1525207547	CO-1409394140	6.71	18 1-	2ACSR	0	0	383	138	69	9	5	0.05	5.47	6
CO7368	CO-1525207547	6.78	17 1-	4ACSR	0	0	379	138	68	9	7	0.03	5.50	3
CO7369	CO7368	6.84	17 1-	4ACSR	0	0	376	137	68	9	7	0.03	5.52	3
CO7421	CO7369	6.85	17 1-	4ACSR	0	0	376	137	68	9	7	0.00	5.53	0
CO7420	CO7421	6.87	17 1-	4ACSR	0	0	375	137	68	9	7	0.01	5.53	0
CO7370	CO7420	6.91	16 1-	4ACSR	0	0	373	137	68	9	7	0.02	5.55	0
CO7367	CO7370	7.05	16 1-	4ACSR	0	0	366	136	68	9	7	0.06	5.61	7
CO7371	CO7367	7.24	15 1-	4ACSR	0	0	357	134	65	9	7	0.07	5.69	8
CO7372	CO7371	7.29	14 1-	4ACSR	0	0	355	134	58	8	6	0.02	5.70	0
CO1478459136	CO7372	7.33	1 1-	2ACSR	0	0	354	134	5	0	0	0.00	5.70	0
CO7366	CO7372	7.34	12 1-	4ACSR	0	0	353	134	53	7	5	0.02	5.72	0
CO7363	CO7366	7.44	8 1-	4ACSR	0	0	348	133	33	4	3	0.02	5.74	0
CO7364	CO7363	7.72	8 1-	4ACSR	0	0	337	131	33	4	3	0.05	5.79	2
CO7362	CO7364	7.78	7 1-	4ACSR	0	0	334	131	18	2	2	0.01	5.80	0
CO7365	CO7362	7.87	6 1-	4ACSR	0	0	331	130	9	1	1	0.01	5.80	0
OC132552985	CO7365	7.87	6 1-	20 N FUSE	0	0	331	130	9	1	6	0.00	5.80	0
CO7415	OC132552985	7.88	6 1-	4ACSR	0	0	330	130	9	1	1	0.00	5.80	0
CO7430	CO7415	8.06	6 1-	4ACSR	0	0	323	129	9	1	1	0.01	5.81	0
CO7429	CO7430	8.14	1 1-	4ACSR	0	0	320	128	3	0	0	0.00	5.81	0
CO7329	CO7430	8.16	3 1-	4ACSR	0	0	320	128	5	0	1	0.00	5.81	0
CO7426	CO7329	8.34	3 1-	4ACSR	0	0	313	127	5	0	1	0.01	5.82	0
CO7434	CO7426	8.67	3 1-	4ACSR	0	0	301	125	5	0	1	0.01	5.83	0
CO7354	CO7434	8.73	2 1-	4ACSR	0	0	299	125	5	0	0	0.00	5.83	0
CO7318	CO7354	8.84	0 1-	4ACSR	0	0	296	124	0	0	0	0.00	5.83	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
	CO8342	CO7354	9.17	2 1-	4ACSR	0	0	285	122	5	0	0	0.01	5.84	0
	CO6352	CO8342	9.38	1 1-	4ACSR	0	0	279	121	4	0	0	0.00	5.85	0
	CO7319	CO7362	7.83	1 1-	4ACSR	0	0	332	130	9	1	1	0.00	5.80	0
	CO7325	CO7366	7.49	3 1-	4ACSR	0	0	346	133	12	1	1	0.01	5.73	0
	CO7326	CO7325	7.55	2 1-	4ACSR	0	0	344	132	2	0	0	0.00	5.73	0
	CO7320	CO7325	7.54	1 1-	4ACSR	0	0	344	132	10	1	1	0.00	5.74	0
	CO7321	CO7366	7.41	1 1-	4ACSR	0	0	350	133	7	1	1	0.00	5.72	0
	CO7322	CO-1525207547	6.77	1 1-	2ACSR	0	0	380	138	2	0	0	0.00	5.47	0
	CO7309	CO7373	6.08	18 1-	4ACSR	0	0	408	141	70	9	7	0.09	5.28	10
	CO7398	CO7309	6.14	12 1-	4ACSR	0	0	405	141	57	7	6	0.02	5.30	0
OC1450	221225	CO7398	6.14	11 1-	20 N FUSE	0	0	405	141	55	7	39	0.00	5.30	0
	CO8378	OC1450221225	6.29	11 1-	4ACSR	0	0	397	139	55	7	6	0.05	5.36	5
	CO7827	CO8378	6.34	11 1-	4ACSR	0	0	394	139	55	7	6	0.01	5.37	0
	CO7829	CO7827	6.54	10 1-	4ACSR	0	0	384	138	52	7	5	0.06	5.43	5
	CO7828	CO7829	6.61	9 1-	4ACSR	0	0	380	137	44	6	4	0.02	5.45	0
	CO7918	CO7828	6.65	2 1-	4ACSR	0	0	378	137	1	0	0	0.00	5.45	0
	CO7917	CO7918	6.75	2 1-	4ACSR	0	0	373	136	1	0	0	0.00	5.45	0
	CO7847	CO7828	6.94	5 1-	4ACSR	0	0	364	135	39	5	4	0.08	5.53	5
	CO7844	CO7847	7.00	5 1-	4ACSR	0	0	361	134	39	5	4	0.02	5.55	0
	CO7846	CO7844	7.13	5 1-	4ACSR	0	0	355	133	39	5	4	0.03	5.58	0
	CO7845	CO7846	7.20	5 1-	4ACSR	0	0	352	133	39	5	4	0.02	5.60	0
	CO7946	CO7845	7.26	3 1-	4ACSR	0	0	349	132	25	3	3	0.01	5.61	0
	CO7933	CO7946	7.33	3 1-	4ACSR	0	0	346	132	25	3	3	0.01	5.61	0
	CO7805	CO7845	7.23	2 1-	4ACSR	0	0	350	133	13	1	1	0.00	5.60	0
	CO7823	CO7805	7.29	1 1-	1/0PRIURD	0	0	349	228	5	0	0	0.00	5.60	0
	CO7396	CO7309	6.20	5 1-	4ACSR	0	0	402	140	13	1	1	0.01	5.29	0
	CO7397	CO7396	6.31	4 1-	4ACSR	0	0	396	139	4	0	0	0.00	5.29	0
	CO7394	CO7397	6.63	4 1-	4ACSR	0	0	379	137	4	0	0	0.01	5.30	0
	CO7395	CO7394	6.71	3 1-	4ACSR	0	0	375	136	4	0	0	0.00	5.30	0
	CO7327	CO7395	6.73	0 1-	4ACSR	0	0	374	136	0	0	0	0.00	5.30	0
	CO7328	CO7327	6.96	0 1-	4ACSR	0	0	363	135	0	0	0	0.00	5.30	0
	CO8373	CO7328	7.39	0 1-	4ACSR	0	0	343	132	0	0	0	0.00	5.30	0
	CO7313	CO7395	6.80	2 1-	4ACSR	0	0	370	136	0	0	0	0.00	5.30	0
	CO7380	CO7309	6.14	1 1-	4ACSR	0	0	405	141	0	0	0	0.00	5.28	0
OC1690	233099	CO7380	6.14	1 1-	20 N FUSE	0	0	405	141	0	0	0	0.00	5.28	0
	CO7381	OC1690233099	6.21	1 1-	4ACSR	0	0	401	140	0	0	0	0.00	5.28	0
	CO7819	CO7893	4.96	1 1-	4ACSR	0	0	483	150	2	0	0	0.00	4.26	0
	CO7818	CO7889	4.80	0 1-	4ACSR	0	0	494	152	0	0	0	0.00	4.09	0
	CO7941	CO23997104	4.20	8 1-	4ACSR	0	0	544	157	28	3	3	0.00	3.46	0
	OC209	CO7941	4.20	8 1-	15 H OCR	0	0	544	157	28	3	26	0.00	3.46	0
	CO7942	OC209	4.31	8 1-	4ACSR	0	0	535	156	28	3	3	0.02	3.48	0
	CO7870	CO7942	4.48	8 1-	4ACSR	0	0	520	155	28	3	3	0.03	3.50	0
	CO7871	CO7870	4.93	6 1-	4ACSR	0	0	484	151	19	2	2	0.06	3.56	0
	CO7874	CO7871	5.22	6 1-	4ACSR	0	0	464	148	19	2	2	0.03	3.59	0
	CO7873	CO7874	5.31	5 1-	4ACSR	0	0	457	147	19	2	2	0.01	3.61	0
	CO7872	CO7873	5.37	5 1-	4ACSR	0	0	453	147	19	2	2	0.01	3.61	0
	CO7948	CO7872	5.56	2 1-	4ACSR	0	0	441	145	10	1	1	0.01	3.63	0
	CO7878	CO7948	5.74	2 1-	4ACSR	0	0	429	144	10	1	1	0.01	3.63	0
	CO7947	CO7878	5.91	0 1-	4ACSR	0	0	418	142	0	0	0	0.00	3.63	0
	CO7877	CO7947	6.13	0 1-	4ACSR	0	0	405	141	0	0	0	0.00	3.63	0
	CO7875	CO7877	6.23	0 1-	4ACSR	0	0	400	140	0	0	0	0.00	3.63	0
	CO7876	CO7875	6.32	0 1-	4ACSR	0	0	395	139	0	0	0	0.00	3.63	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO848925995	CO7878	5.78	1 1-	2ACSR	0	0	427	144	6	0	0	0.00	3.64	0
CO-474374516	CO848925995	5.93	1 1-	2ACSR	0	0	420	143	6	0	0	0.00	3.64	0
CO7801	CO7872	5.46	3 1-	4ACSR	0	0	447	146	9	1	1	0.01	3.62	0
CO7800	CO7801	5.63	3 1-	4ACSR	0	0	436	145	9	1	1	0.01	3.63	0
CO7887	CO7800	5.70	2 1-	4ACSR	0	0	431	144	5	0	1	0.00	3.63	0
CO7886	CO7887	5.76	1 1-	4ACSR	0	0	428	144	1	0	0	0.00	3.63	0
CO7882	CO7886	5.80	1 1-	4ACSR	0	0	425	143	1	0	0	0.00	3.63	0
CO7885	CO7882	5.90	1 1-	4ACSR	0	0	419	142	1	0	0	0.00	3.63	0
CO7883	CO7885	5.95	1 1-	4ACSR	0	0	416	142	1	0	0	0.00	3.63	0
CO7884	CO7883	6.07	1 1-	4ACSR	0	0	409	141	1	0	0	0.00	3.63	0
CO7879	CO7800	5.72	1 1-	4ACSR	0	0	430	144	4	0	0	0.00	3.63	0
CO7881	CO7879	6.00	1 1-	4ACSR	0	0	413	142	4	0	0	0.01	3.64	0
CO7880	CO7881	6.06	1 1-	4ACSR	0	0	409	141	4	0	0	0.00	3.64	0
CO7822	CO7801	5.50	0 1-	4ACSR	0	0	444	146	0	0	0	0.00	3.62	0
CO7817	CO7870	4.51	0 1-	4ACSR	0	0	517	154	0	0	0	0.00	3.50	0
CO7816	CO7797	3.78	1 1-	4ACSR	0	0	576	160	3	0	0	0.00	2.97	0
CO7814	CO7899	3.44	1 1-	4ACSR	0	0	610	163	5	0	1	0.00	2.52	0
CO7820	AU8	2.89	1 1-	6ACWC	0	0	666	169	10	1	1	0.00	1.61	0
CO7813	AU8	2.96	1 1-	4ACSR	0	0	659	168	1	0	0	0.00	1.60	0
CO7795+	CO7862	2.42	53 1-	4ACSR	0	0	1588	327	140	9	7	0.01	0.26	0
CO7936+	CO7795	2.43	53 1-	4ACSR	0	0	1585	327	140	9	7	0.00	0.26	0
OC208+	CO7936	2.43	53 1-	25 E OCR	0	0	1585	327	140	9	38	0.00	0.26	0
XFMR94	OC208	2.43	53 1-	167 KVA 1PH AUT	0	0	683	171	140	9	82	0.58	0.85	0
CO8366	XFMR94	2.50	53 1-	4ACSR	0	0	676	170	140	19	14	0.06	0.91	13
CO7276	CO8366	2.54	48 1-	4ACSR	0	0	671	170	130	17	13	0.03	0.94	7
CO7277	CO7276	2.67	47 1-	4ACSR	0	0	657	168	127	17	12	0.10	1.04	21
CO7267	CO7277	2.76	45 1-	4ACSR	0	0	648	167	114	15	11	0.06	1.10	11
CO7274	CO7267	2.84	43 1-	4ACSR	0	0	640	166	112	15	11	0.05	1.16	10
CO7275	CO7274	2.86	42 1-	4ACSR	0	0	637	166	111	15	11	0.02	1.17	3
CO7227	CO7275	3.02	1 1-	4ACSR	0	0	622	165	0	0	0	0.00	1.17	0
CO7215	CO7275	2.92	41 1-	4ACSR	0	0	631	166	111	15	11	0.04	1.21	7
CO7265	CO7215	3.14	3 1-	4ACSR	0	0	609	163	9	1	1	0.01	1.22	0
CO7266	CO7265	3.23	2 1-	4ACSR	0	0	599	162	4	0	0	0.00	1.22	0
CO7271	CO7266	3.28	2 1-	4ACSR	0	0	595	162	4	0	0	0.00	1.23	0
CO7272	CO7271	3.39	1 1-	4ACSR	0	0	585	161	1	0	0	0.00	1.23	0
CO7273	CO7272	3.41	1 1-	4ACSR	0	0	582	161	1	0	0	0.00	1.23	0
CO30633	CO7273	3.53	1 1-	4ACSR	0	0	571	159	1	0	0	0.00	1.23	0
CO17878	CO30633	3.56	0 1-	4ACSR	0	0	568	159	0	0	0	0.00	1.23	0
CO7228	CO7266	3.33	0 1-	4ACSR	0	0	590	161	0	0	0	0.00	1.22	0
CO7263	CO7215	3.18	36 1-	4ACSR	0	0	605	163	100	13	10	0.16	1.37	25
OC1925326286	CO7263	3.18	36 1-	20 N FUSE	0	0	605	163	99	13	68	0.00	1.37	0
CO7264	OC1925326286	3.33	36 1-	4ACSR	0	0	590	161	99	13	10	0.09	1.46	15
CO7262	CO7264	3.40	35 1-	4ACSR	0	0	583	161	96	13	9	0.04	1.51	7
CO7261	CO7262	3.54	34 1-	4ACSR	0	0	570	159	93	12	9	0.08	1.58	11
CO7299	CO7261	3.64	2 1-	4ACSR	0	0	561	158	2	0	0	0.00	1.58	0
CO7300	CO7299	3.74	1 1-	4ACSR	0	0	551	157	1	0	0	0.00	1.58	0
CO7230	CO7299	3.77	0 1-	4ACSR	0	0	549	157	0	0	0	0.00	1.58	0
CO7269	CO7261	3.65	31 1-	4ACSR	0	0	560	158	86	11	8	0.06	1.64	8
CO-2119693640	CO7269	3.66	1 1-	2ACSR	0	0	558	158	4	0	0	0.00	1.64	0
CO7270	CO7269	3.71	29 1-	4ACSR	0	0	554	158	78	10	8	0.03	1.67	4
CO614878801	CO7270	3.75	28 1-	2ACSR	0	0	551	157	77	10	6	0.01	1.69	0
CO1592662183	CO614878801	3.82	1 1-	2ACSR	0	0	546	157	9	1	1	0.00	1.69	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-1527876602	CO614878801	3.81	27 1-	2ACSR	0	0	546	157	68	9	5	0.02	1.70	0
CO30635	CO-1527876602	4.10	26 1-	4ACSR	0	0	521	154	59	8	6	0.11	1.81	10
CO17933	CO30635	4.20	1 1-	4ACSR	0	0	513	153	2	0	0	0.00	1.81	0
CO17932	CO17933	4.42	1 1-	4ACSR	0	0	495	151	2	0	0	0.00	1.81	0
CO17879	CO30635	4.18	25 1-	4ACSR	0	0	514	153	57	7	6	0.03	1.84	2
CO17880	CO17879	4.51	24 1-	4ACSR	0	0	488	151	53	7	5	0.11	1.95	9
CO17881	CO17880	4.57	14 1-	4ACSR	0	0	484	150	40	5	4	0.01	1.96	0
CO17883	CO17881	4.60	14 1-	4ACSR	0	0	481	150	40	5	4	0.01	1.97	0
CO17882	CO17883	4.62	13 1-	4ACSR	0	0	480	150	40	5	4	0.00	1.97	0
CO17837	CO17882	4.93	0 1-	4ACSR	0	0	457	147	0	0	0	0.00	1.97	0
OC-790856815	CO17837	4.93	0 1-	20 N FUSE	0	0	457	147	0	0	0	0.00	1.97	0
CO7259	OC-790856815	5.08	0 1-	4ACSR	0	0	447	146	0	0	0	0.00	1.97	0
CO7260	CO7259	5.43	0 1-	4ACSR	0	0	425	143	0	0	0	0.00	1.97	0
CO17834	CO17882	4.73	13 1-	4ACSR	0	0	472	149	40	5	4	0.03	2.00	0
CO17849	CO17834	4.81	1 1-	4ACSR	0	0	466	148	0	0	0	0.00	2.00	0
CO17835	CO17834	5.00	12 1-	4ACSR	0	0	453	146	40	5	4	0.07	2.07	4
CO17949	CO17835	5.07	8 1-	4ACSR	0	0	448	146	37	5	4	0.02	2.08	0
CO17892	CO17949	5.19	8 1-	4ACSR	0	0	440	145	37	5	4	0.03	2.11	0
CO17893	CO17892	5.29	8 1-	4ACSR	0	0	433	144	37	5	4	0.02	2.13	0
CO17852	CO17893	5.43	1 1-	4ACSR	0	0	425	143	5	0	0	0.00	2.14	0
CO17838	CO17893	5.62	7 1-	4ACSR	0	0	413	141	32	4	3	0.07	2.20	3
CO17936	CO17838	5.68	3 1-	4ACSR	0	0	410	141	6	0	1	0.00	2.20	0
CO17935	CO17936	5.71	2 1-	4ACSR	0	0	408	141	3	0	0	0.00	2.20	0
CO17934	CO17935	5.85	1 1-	4ACSR	0	0	400	140	0	0	0	0.00	2.20	0
CO17895	CO17838	5.72	4 1-	4ACSR	0	0	407	141	26	3	3	0.02	2.21	0
CO17894	CO17895	5.82	3 1-	4ACSR	0	0	402	140	23	3	2	0.02	2.23	0
CO17896	CO17894	5.84	3 1-	4ACSR	0	0	401	140	23	3	2	0.00	2.23	0
CO17853	CO17896	5.95	1 1-	4ACSR	0	0	395	139	7	1	1	0.00	2.23	0
CO17839	CO17896	5.95	2 1-	4ACSR	0	0	394	139	16	2	2	0.01	2.24	0
CO17937	CO17839	6.03	1 1-	4ACSR	0	0	390	138	10	1	1	0.00	2.25	0
CO17938	CO17937	6.06	0 1-	4ACSR	0	0	388	138	0	0	0	0.00	2.25	0
CO17897	CO17839	6.09	1 1-	4ACSR	0	0	387	138	6	0	1	0.00	2.25	0
CO17953	CO17897	6.10	0 1-	4ACSR	0	0	386	138	0	0	0	0.00	2.25	0
CO17851	CO17835	5.06	2 1-	4ACSR	0	0	449	146	3	0	0	0.00	2.07	0
CO1475328904	CO17851	5.14	1 1-	2ACSR	0	0	444	145	0	0	0	0.00	2.07	0
CO17850	CO17835	5.11	2 1-	4ACSR	0	0	446	145	0	0	0	0.00	2.07	0
CO17836	CO17880	4.67	10 1-	4ACSR	0	0	477	149	13	1	1	0.01	1.96	0
OC-1635791643	CO17836	4.67	9 1-	20 N FUSE	0	0	477	149	8	1	5	0.00	1.96	0
CO30546	OC-1635791643	4.80	8 1-	4ACSR	0	0	467	148	4	0	0	0.00	1.96	0
CO17884	CO30546	5.14	7 1-	4ACSR	0	0	443	145	4	0	0	0.01	1.97	0
CO17886	CO17884	5.33	6 1-	4ACSR	0	0	431	144	3	0	0	0.00	1.97	0
CO17888	CO17886	5.37	6 1-	4ACSR	0	0	429	143	3	0	0	0.00	1.97	0
CO17889	CO17888	5.51	5 1-	4ACSR	0	0	420	142	3	0	0	0.00	1.97	0
CO17887	CO17889	5.57	4 1-	4ACSR	0	0	416	142	3	0	0	0.00	1.98	0
CO17885	CO17887	5.69	4 1-	4ACSR	0	0	409	141	3	0	0	0.00	1.98	0
CO17891	CO17885	5.73	4 1-	4ACSR	0	0	407	141	3	0	0	0.00	1.98	0
CO17890	CO17891	5.87	2 1-	4ACSR	0	0	399	139	0	0	0	0.00	1.98	0
CO17847	CO17884	5.19	1 1-	4ACSR	0	0	440	145	0	0	0	0.00	1.97	0
CO17848	OC-1635791643	4.74	1 1-	4ACSR	0	0	471	149	4	0	0	0.00	1.96	0
CO30634	CO-1527876602	3.89	1 1-	4ACSR	0	0	539	156	9	1	1	0.00	1.71	0
CO7229	CO7261	3.61	1 1-	4ACSR	0	0	563	159	5	0	0	0.00	1.58	0
CO7226	CO7277	2.73	1 1-	4ACSR	0	0	651	168	8	1	1	0.00	1.04	0

Substation Power Factor: 0.99
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7216	CO8366	2.60	4 1-	4ACSR	0	0	665	169	8	1	1	0.01	0.91	0
CO7278	CO7216	2.64	1 1-	4ACSR	0	0	660	169	0	0	0	0.00	0.91	0
CO7279	CO7278	2.77	0 1-	4ACSR	0	0	647	167	0	0	0	0.00	0.91	0
CO7225	CO7216	2.69	1 1-	4ACSR	0	0	656	168	5	0	1	0.00	0.91	0
CO7224	CO7216	2.65	1 1-	4ACSR	0	0	660	168	3	0	0	0.00	0.91	0
CO8367	CO7216	2.68	1 1-	4ACSR	0	0	656	168	0	0	0	0.00	0.91	0
CO7812+	CO7794	1.93	2 1-	4ACSR	0	0	1738	332	1	0	0	0.00	0.21	0
CO7809+	CO7858	1.88	1 1-	4ACSR	0	0	1758	333	5	0	0	0.00	0.21	0
CO7808+	CO7826	1.63	1 1-	4ACSR	0	0	1844	335	2	0	0	0.00	0.19	0
CO7824+	CO7825	1.58	0 1-	2ACSR	0	0	1863	336	0	0	0	0.00	0.18	0
CO7810+	CO7793	1.50	1 1-	4ACSR	0	0	1896	337	1	0	0	0.00	0.17	0
CO7811+	CO7853	1.44	1 1-	4ACSR	0	0	1919	337	5	0	0	0.00	0.17	0
CO7807+	CO7849	1.28	1 1-	4ACSR	0	0	1976	338	1	0	0	0.00	0.15	0
CO200680386+	CO-1734132280	0.01	847 3-	336ACSR	2526	2698	2700	353	3682	82	16	0.00	0.00	5
Mud Lick+	CO200680386	0.01	847 3-	560 200WVE	2526	2698	2700	353	3682	82	15	0.00	0.00	0
CO-1354414182+	Mud Lick	0.01	847 3-	336ACSR	2526	2697	2699	353	3682	82	16	0.00	0.00	0
CO-1784601950+	CO-1354414182	0.03	847 3-	336ACSR	2520	2687	2688	353	3682	82	16	0.01	0.01	24
CO-1713277328+	CO-1784601950	0.06	847 3-	336ACSR	2511	2672	2673	353	3682	82	16	0.01	0.02	36
OC-1200071603+	CO-1713277328	0.06	847 3-	20 N FUSE	2511	2672	2673	353	3682	82	411	0.00	0.02	0
CO-1976254140+	OC-1200071603	0.11	847 3-	336ACSR	2499	2652	2652	353	3682	82	16	0.01	0.03	50
CO724499187+	CO-1976254140	0.18	847 3-	336ACSR	2477	2616	2615	353	3682	82	16	0.02	0.05	89
CO-1310199621+	CO724499187	0.27	847 3-	336ACSR	2450	2572	2569	352	3681	82	16	0.02	0.07	114
CO-1768607243+	CO-1310199621	0.33	845 3-	336ACSR	2433	2546	2541	352	3668	81	16	0.02	0.09	71
CO1806433458+	CO-1768607243	0.43	845 3-	336ACSR	2408	2506	2498	352	3667	81	16	0.02	0.11	111
CO46310294+	CO1806433458	0.49	845 3-	336ACSR	2389	2477	2467	351	3667	81	16	0.02	0.13	82
CO-239871501+	CO46310294	0.64	845 3-	336ACSR	2350	2418	2403	351	3666	81	16	0.04	0.17	178
CO18154+	CO-239871501	0.68	2 1-	4ACSR	0	0	2377	350	8	0	0	0.00	0.17	0
CO18270+	CO-239871501	0.70	5 1-	4ACSR	0	0	2367	349	47	3	2	0.00	0.17	0
CO18269+	CO18270	0.74	4 1-	4ACSR	0	0	2337	348	37	2	2	0.00	0.17	0
CO18271+	CO18269	0.79	3 1-	4ACSR	0	0	2306	347	23	1	1	0.00	0.17	0
CO18277+	CO18271	0.83	1 1-	4ACSR	0	0	2276	346	17	1	1	0.00	0.17	0
CO18276+	CO18277	0.89	1 1-	4ACSR	0	0	2239	345	17	1	1	0.00	0.17	0
CO-483211641+	CO-239871501	0.69	838 3-	336ACSR	2338	2400	2384	350	3610	80	16	0.01	0.18	53
CO18120+	CO-483211641	0.77	28 1-	4ACSR	0	0	2331	349	133	8	6	0.02	0.19	3
CO18227+	CO18120	0.82	19 1-	4ACSR	0	0	2293	347	101	6	5	0.01	0.20	0
CO18226+	CO18227	0.91	17 1-	4ACSR	0	0	2239	346	78	5	4	0.01	0.21	0
CO18228+	CO18226	0.97	16 1-	4ACSR	0	0	2197	344	72	4	4	0.01	0.22	0
CO18281+	CO18228	1.00	6 1-	4ACSR	0	0	2176	343	27	1	1	0.00	0.22	0
CO18280+	CO18281	1.07	4 1-	4ACSR	0	0	2136	342	24	1	1	0.00	0.22	0
CO18278+	CO18280	1.12	1 1-	4ACSR	0	0	2101	341	7	0	0	0.00	0.22	0
CO18279+	CO18278	1.19	1 1-	4ACSR	0	0	2059	339	7	0	0	0.00	0.22	0
CO-1808754664+	CO18228	1.04	1 1-	4ACSR	0	0	2152	343	2	0	0	0.00	0.22	0
CO18232+	CO18228	1.04	8 1-	4ACSR	0	0	2151	343	41	2	2	0.00	0.22	0
CO18231+	CO18232	1.15	6 1-	4ACSR	0	0	2085	340	17	1	1	0.00	0.22	0
CO18155+	CO18231	1.21	1 1-	4ACSR	0	0	2046	339	5	0	0	0.00	0.22	0
CO18230+	CO18231	1.25	4 1-	4ACSR	0	0	2023	338	6	0	0	0.00	0.22	0
CO18229+	CO18230	1.26	2 1-	4ACSR	0	0	2014	338	0	0	0	0.00	0.22	0
CO30630+	CO18229	1.32	1 1-	4ACSR	0	0	1981	337	0	0	0	0.00	0.22	0
CO30629+	CO18229	1.31	1 1-	4ACSR	0	0	1987	337	0	0	0	0.00	0.22	0
CO7919+	CO30629	1.51	1 1-	4ACSR	0	0	1874	333	0	0	0	0.00	0.22	0
CO18225+	CO18120	0.95	8 1-	4ACSR	0	0	2210	345	24	1	1	0.01	0.20	0

Substation Power Factor: 0.99
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18224+	CO18225	1.05	8 1-	4ACSR	0	0	2145	342	24	1	1	0.00	0.20	0
CO18223+	CO18224	1.23	7 1-	4ACSR	0	0	2034	339	18	1	1	0.00	0.21	0
CO18308+	CO18223	1.33	5 1-	4ACSR	0	0	1973	336	12	0	1	0.00	0.21	0
CO18161+	CO18308	1.51	4 1-	4ACSR	0	0	1872	333	12	0	1	0.00	0.21	0
CO18125+	CO18161	1.58	2 1-	4ACSR	0	0	1836	331	7	0	0	0.00	0.21	0
CO18163+	CO18161	1.60	2 1-	4ACSR	0	0	1828	331	5	0	0	0.00	0.21	0
CO18162+	CO18163	1.79	0 1-	4ACSR	0	0	1731	327	0	0	0	0.00	0.21	0
CO18164+	CO18162	2.07	0 1-	4ACSR	0	0	1601	321	0	0	0	0.00	0.21	0
CO-1689429597+	CO-483211641	0.78	810 3-	336ACSR	2315	2367	2348	350	3477	77	15	0.02	0.20	96
CO1682207591+	CO-1689429597	0.82	810 3-	336ACSR	2303	2351	2329	350	3477	77	15	0.01	0.21	49
CO-1789048581+	CO1682207591	0.86	809 3-	336ACSR	2295	2339	2316	350	3468	77	15	0.01	0.22	35
CO324043569+	CO-1789048581	0.87	808 3-	336ACSR	2291	2334	2311	350	3468	77	15	0.00	0.22	14
CO-329783954+	CO324043569	0.92	808 3-	2ACSR	2273	2308	2284	349	3468	77	43	0.05	0.27	260
CO-638462304+	CO-329783954	0.97	808 3-	2ACSR	2252	2278	2252	348	3466	77	43	0.06	0.32	308
CO-1229226456+	CO-638462304	1.14	808 3-	2ACSR	2189	2191	2158	345	3465	77	43	0.17	0.49	938
CO-503896271+	CO-1229226456	1.26	808 3-	2ACSR	2148	2138	2098	344	3461	77	43	0.11	0.60	622
CO43450411+	CO-503896271	1.34	808 3-	2ACSR	2119	2101	2058	343	3458	77	43	0.08	0.68	439
CO-1298887829+	CO43450411	1.43	808 3-	2ACSR	2086	2061	2012	341	3456	77	43	0.09	0.78	512
CO-9887830+	CO-1298887829	1.49	808 3-	2ACSR	2065	2036	1983	340	3453	77	43	0.06	0.83	322
CO18138+	CO-9887830	1.56	808 3-	336ACSR	2051	2019	1963	340	3452	77	15	0.02	0.85	74
FD-1541528997+	CO18138	1.56	808 3-	_DefaultBayEqui	2051	2019	1963	340	3451	77	0	0.00	0.85	0
CO18111+	FD-1541528997	1.69	808 3-	336ACSR	2024	1987	1925	339	3451	77	15	0.03	0.88	143
OC-1541528997+	CO18111	1.69	798 3-	20 N FUSE	2024	1987	1925	339	3426	76	385	0.00	0.88	0
CO18252+	OC-1541528997	1.79	798 3-	336ACSR	2004	1963	1898	339	3426	76	15	0.02	0.91	106
CO18251+	CO18252	1.87	0 1-	4ACSR	0	0	1862	337	0	0	0	0.00	0.91	0
OH119+	CO18252	1.98	798 3-	336ACSR	1968	1921	1849	338	3425	76	15	0.04	0.95	198
CO18139+	OH119	2.04	2 1-	4ACSR	0	0	1822	337	20	1	1	0.00	0.95	0
CO18186+	OH119	2.13	795 3-	336ACSR	1941	1890	1812	337	3404	76	15	0.03	0.99	152
CO18184+	CO18186	2.23	793 3-	336ACSR	1921	1868	1787	337	3391	76	15	0.02	1.01	109
CO18140+	CO18184	2.30	0 1-	4ACSR	0	0	1757	336	0	0	0	0.00	1.01	0
CO18182+	CO18184	2.28	791 3-	336ACSR	1914	1859	1776	337	3387	76	15	0.01	1.02	46
CO18183+	CO18182	2.34	791 3-	336ACSR	1903	1847	1762	337	3387	76	15	0.01	1.04	62
CO18180+	CO18183	2.44	789 3-	336ACSR	1885	1828	1739	336	3382	76	15	0.02	1.06	102
CO18181+	CO18180	2.58	789 3-	336ACSR	1861	1801	1708	336	3382	76	15	0.03	1.09	146
CO18115+	CO18181	2.78	789 3-	336ACSR	1828	1765	1666	335	3381	76	15	0.05	1.14	204
CO18145+	CO18115	2.81	3 1-	4ACSR	0	0	1653	334	14	0	1	0.00	1.14	0
OC1768367030+	CO18145	2.81	0 1-	20 N FUSE	0	0	1653	334	0	0	0	0.00	1.14	0
CO18109+	CO18115	2.85	786 3-	336ACSR	1816	1751	1650	334	3367	75	15	0.02	1.16	80
CO18108+	CO18109	2.96	784 3-	336ACSR	1799	1732	1629	334	3354	75	15	0.02	1.18	106
CO241435665+	CO18108	3.09	784 3-	336ACSR	1778	1710	1603	333	3353	75	15	0.03	1.21	134
CO18142+	CO241435665	3.12	1 1-	4ACSR	0	0	1594	333	2	0	0	0.00	1.21	0
CO1197239777+	CO241435665	3.16	783 3-	336ACSR	1767	1698	1589	333	3350	75	15	0.02	1.23	72
CO1892517991+	CO1197239777	3.23	777 3-	336ACSR	1757	1687	1577	333	3332	75	14	0.02	1.24	67
CO18107+	CO1892517991	3.25	0 1-	4ACSR	0	0	1568	332	0	0	0	0.00	1.24	0
CO18257+	CO1892517991	3.29	1 1-	4ACSR	0	0	1556	331	5	0	0	0.00	1.25	0
CO-851859443+	CO1892517991	3.29	776 3-	2ACSR	1741	1670	1557	332	3327	74	42	0.06	1.31	328
CO-404122802+	CO-851859443	3.42	776 3-	2ACSR	1708	1636	1519	330	3326	74	42	0.12	1.43	669
CO18114+	CO-404122802	3.55	1 1-	4ACSR	0	0	1477	327	8	0	0	0.00	1.43	0
CO18106+	CO18114	3.63	1 1-	4ACSR	0	0	1452	326	8	0	0	0.00	1.43	0
CO18133+	CO18106	3.68	1 1-	4ACSR	0	0	1434	325	8	0	0	0.00	1.43	0
CO18260+	CO-404122802	3.45	1 1-	4ACSR	0	0	1510	329	0	0	0	0.00	1.43	0
CO18259+	CO18260	3.66	0 1-	4ACSR	0	0	1443	325	0	0	0	0.00	1.43	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO-70064061+	CO-404122802	3.47	774 3-	2ACSR	1697	1626	1507	329	3314	74	42	0.04	1.47	216
CO1649804364+	CO-70064061	3.60	774 3-	2ACSR	1665	1593	1470	327	3313	74	42	0.13	1.60	674
CO-286401003+	CO1649804364	3.67	774 3-	2ACSR	1648	1575	1450	326	3310	74	42	0.07	1.66	367
CO18387+	CO-286401003	3.74	0 1-	4ACSR	0	0	1428	325	0	0	0	0.00	1.66	0
CO18383+	CO-286401003	3.70	0 1-	4ACSR	0	0	1441	326	0	0	0	0.00	1.66	0
CO-558638009+	CO-286401003	3.73	774 3-	2ACSR	1634	1562	1435	326	3308	74	42	0.05	1.72	293
CO-1615577303+	CO-558638009	3.84	774 3-	2ACSR	1608	1536	1406	324	3307	74	42	0.11	1.83	572
CO1541617009+	CO-1615577303	3.98	774 3-	2ACSR	1577	1505	1372	322	3304	74	42	0.13	1.95	694
CO1893120864+	CO1541617009	4.01	774 3-	2ACSR	1569	1497	1363	322	3301	74	42	0.03	1.99	184
CO18460+	CO1893120864	4.09	3 1-	4ACSR	0	0	1342	320	14	0	1	0.00	1.99	0
CO155138717+	CO18460	4.22	1 1-	2ACSR	0	0	1312	318	10	0	0	0.00	1.99	0
CO1515841205+	CO155138717	4.31	1 1-	2ACSR	0	0	1291	317	10	0	0	0.00	1.99	0
CO-1459248121+	CO1893120864	4.08	771 3-	2ACSR	1555	1484	1348	321	3286	74	41	0.06	2.05	315
CO18384+	CO-1459248121	4.11	1 1-	4ACSR	0	0	1338	320	11	0	1	0.00	2.05	0
CO-430083823+	CO-1459248121	4.12	770 3-	2ACSR	1544	1473	1337	320	3274	74	41	0.05	2.09	245
CO-30654345+	CO-430083823	4.16	770 3-	2ACSR	1536	1466	1329	320	3273	74	41	0.03	2.13	175
CO951984323+	CO-30654345	4.20	770 3-	2ACSR	1527	1456	1318	319	3272	74	41	0.04	2.17	226
CO-797102952+	CO951984323	4.31	770 3-	2ACSR	1504	1434	1294	318	3271	74	41	0.10	2.27	539
CO438456954+	CO-797102952	4.44	770 3-	2ACSR	1477	1408	1266	316	3268	74	41	0.12	2.39	654
CO18453+	CO438456954	4.48	2 1-	4ACSR	0	0	1256	315	9	0	0	0.00	2.39	0
CO18555+	CO18453	4.55	1 1-	4ACSR	0	0	1240	314	2	0	0	0.00	2.39	0
CO18556+	CO18555	4.60	0 1-	4ACSR	0	0	1228	313	0	0	0	0.00	2.39	0
CO18454+	CO18556	4.65	0 1-	4ACSR	0	0	1214	312	0	0	0	0.00	2.39	0
CO-1649798379+	CO438456954	4.59	768 3-	2ACSR	1447	1380	1235	314	3256	73	41	0.14	2.53	731
CO-1747516234+	CO-1649798379	4.63	768 3-	2ACSR	1439	1372	1227	313	3253	73	41	0.04	2.57	205
CO1974357713+	CO-1747516234	4.74	768 3-	2ACSR	1418	1352	1206	312	3252	73	41	0.10	2.67	538
CO18558+	CO1974357713	4.76	768 3-	4ACSR	1412	1346	1200	311	3249	73	53	0.04	2.71	200
CO18557+	CO18558	4.80	764 3-	4ACSR	1404	1339	1192	311	3225	73	52	0.05	2.75	265
CO18483+	CO18557	4.83	652 3-	1/0ACSR	1399	1334	1186	311	2780	63	27	0.02	2.77	76
CO18564+	CO18483	4.86	651 3-	1/0ACSR	1394	1329	1181	310	2774	63	27	0.02	2.79	73
CO18563+	CO18564	5.05	650 3-	1/0ACSR	1366	1301	1152	309	2768	62	27	0.10	2.88	421
CO18465+	CO18563	5.14	2 1-	4ACSR	0	0	1133	307	7	0	0	0.00	2.89	0
OC1750396712+	CO18465	5.14	2 1-	20 N FUSE	0	0	1133	307	7	0	3	0.00	2.89	0
CO18466+	OC1750396712	5.22	1 1-	4ACSR	0	0	1116	306	3	0	0	0.00	2.89	0
CO18374+	OC1750396712	5.24	1 1-	4ACSR	0	0	1113	305	4	0	0	0.00	2.89	0
CO18544+	CO18563	5.12	644 3-	1/0ACSR	1356	1291	1142	308	2744	62	27	0.03	2.92	151
CO18543+	CO18544	5.18	644 3-	1/0ACSR	1346	1282	1133	307	2743	62	27	0.03	2.95	145
CO18472+	CO18543	5.21	642 3-	1/0ACSR	1341	1278	1128	307	2734	62	27	0.02	2.97	70
FD1333251345+	CO18472	5.21	641 3-	_DefaultBayEqui	1341	1278	1128	307	2723	62	0	0.00	2.97	0
CO18478+	FD1333251345	5.34	641 3-	1/0ACSR	1324	1260	1110	306	2723	62	27	0.06	3.03	276
OC1333251345+	CO18478	5.34	640 3-	20 N FUSE	1324	1260	1110	306	2712	61	309	0.00	3.03	0
CO18477+	OC1333251345	5.38	640 3-	1/0ACSR	1317	1254	1104	306	2712	61	27	0.02	3.06	99
CO18405+	CO18477	5.41	637 3-	1/0ACSR	1314	1251	1100	305	2709	61	27	0.01	3.07	50
CO18599+	CO18405	5.41	5 1-	4ACSR	0	0	1099	305	16	1	1	0.00	3.07	0
CO18598+	CO18599	5.56	5 1-	4ACSR	0	0	1070	303	16	1	1	0.00	3.07	0
CO18545+	CO18598	5.59	5 1-	4ACSR	0	0	1066	302	16	1	1	0.00	3.07	0
CO18353+	CO18545	5.61	1 1-	4ACSR	0	0	1062	302	1	0	0	0.00	3.07	0
CO18318+	CO18545	5.64	3 1-	4ACSR	0	0	1055	301	13	0	1	0.00	3.07	0
CO18547+	CO18318	5.67	2 1-	4ACSR	0	0	1049	301	9	0	0	0.00	3.07	0
CO18546+	CO18547	5.87	2 1-	4ACSR	0	0	1014	297	9	0	0	0.00	3.08	0
CO18403+	CO18546	6.19	1 1-	4ACSR	0	0	960	292	2	0	0	0.00	3.08	0
CO23846+	CO18403	6.39	1 1-	4ACSR	0	0	929	289	2	0	0	0.00	3.08	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18352+	CO18318	5.67	1 1-	4ACSR	0	0	1049	301	4	0	0	0.00	3.07	0
CO18323+	CO18405	5.45	631 3-	4/OACSR	1309	1246	1095	305	2688	61	18	0.01	3.08	49
CO18592+	CO18323	5.46	41 1-	4ACSR	0	0	1094	305	240	16	12	0.00	3.08	0
OC556+	CO18592	5.46	41 1-	25 L OCR	0	0	1094	305	240	16	68	0.00	3.08	0
CO18593+	OC556	5.49	41 1-	4ACSR	0	0	1089	305	240	16	12	0.01	3.09	4
CO18473+	CO18593	5.51	40 1-	4ACSR	0	0	1085	304	237	16	12	0.01	3.10	3
CO18474+	CO18473	5.53	38 1-	4ACSR	0	0	1079	304	229	16	12	0.01	3.11	4
AU-829774792	CO18474	5.53	37 1-	99 KVA 1PH AUTO	0	0	384	158	227	16	233	2.11	5.23	0
CO18548	AU-829774792	5.61	37 1-	4ACSR	0	0	381	158	227	32	23	0.11	5.34	40
CO18549	CO18548	5.73	36 1-	4ACSR	0	0	377	156	213	30	22	0.17	5.50	59
CO18364	CO18549	5.81	2 1-	4ACSR	0	0	375	156	10	1	1	0.00	5.51	0
CO18324	CO18549	5.79	34 1-	4ACSR	0	0	375	156	203	28	21	0.07	5.58	25
CO18406	CO18324	5.87	32 1-	4ACSR	0	0	373	155	200	28	20	0.10	5.68	33
CO18407	CO18406	5.89	32 1-	4ACSR	0	0	372	155	200	28	20	0.04	5.71	12
CO18565	CO18407	5.99	31 1-	4ACSR	0	0	369	154	198	28	20	0.11	5.82	34
CO18566	CO18565	6.06	28 1-	4ACSR	0	0	366	153	165	23	17	0.07	5.89	19
CO18408	CO18566	6.17	26 1-	4ACSR	0	0	363	152	152	21	15	0.11	6.01	28
CO18409	CO18408	6.33	9 1-	4ACSR	0	0	357	151	74	10	8	0.07	6.08	8
CO18579	CO18409	6.37	8 1-	4ACSR	0	0	356	150	55	7	6	0.01	6.09	0
CO18580	CO18579	6.40	7 1-	4ACSR	0	0	355	150	47	6	5	0.01	6.10	0
CO18410	CO18580	6.49	7 1-	4ACSR	0	0	352	149	47	6	5	0.03	6.13	0
CO18411	CO18410	6.54	7 1-	4ACSR	0	0	350	149	47	6	5	0.02	6.14	0
CO18468	CO18411	6.58	1 1-	2ACSR	0	0	349	149	3	0	0	0.00	6.14	0
CO18467	CO18411	6.62	1 1-	2ACSR	0	0	348	148	6	0	0	0.00	6.15	0
CO18368	CO18411	6.62	1 1-	4ACSR	0	0	348	148	3	0	0	0.00	6.15	0
CO18325	CO18411	6.66	4 1-	4ACSR	0	0	347	148	35	5	4	0.02	6.17	0
CO18412	CO18325	6.71	2 1-	4ACSR	0	0	345	147	11	1	1	0.00	6.17	0
CO18413	CO18412	6.88	2 1-	4ACSR	0	0	340	146	11	1	1	0.01	6.18	0
CO18449	CO18413	6.95	1 1-	4ACSR	0	0	337	145	0	0	0	0.00	6.18	0
CO18450	CO18449	7.02	1 1-	4ACSR	0	0	335	145	0	0	0	0.00	6.18	0
CO18370	CO18325	6.73	1 1-	4ACSR	0	0	344	147	14	2	2	0.00	6.17	0
CO18573	CO18408	6.24	16 1-	4ACSR	0	0	360	152	75	10	8	0.03	6.04	4
CO18574	CO18573	6.30	16 1-	4ACSR	0	0	358	151	75	10	8	0.03	6.07	4
CO18571	CO18574	6.35	1 1-	4ACSR	0	0	357	151	12	1	1	0.00	6.07	0
CO18572	CO18571	6.44	0 1-	4ACSR	0	0	353	150	0	0	0	0.00	6.07	0
CO18326	CO18574	6.45	15 1-	4ACSR	0	0	353	150	63	8	6	0.06	6.13	6
CO18451	CO18326	6.59	1 1-	4ACSR	0	0	349	148	5	0	1	0.00	6.14	0
CO18452	CO18451	6.64	1 1-	4ACSR	0	0	347	148	5	0	1	0.00	6.14	0
CO18414	CO18326	6.55	13 1-	4ACSR	0	0	350	149	58	8	6	0.04	6.17	3
CO18567	CO18414	6.85	13 1-	4ACSR	0	0	340	146	58	8	6	0.11	6.27	10
CO18568	CO18567	6.87	11 1-	4ACSR	0	0	340	146	51	7	5	0.01	6.28	0
CO18419	CO18568	7.00	10 1-	4ACSR	0	0	336	145	38	5	4	0.03	6.31	0
CO18420	CO18419	7.01	10 1-	4ACSR	0	0	335	145	38	5	4	0.00	6.31	0
CO18458	CO18420	7.03	1 1-	4ACSR	0	0	335	145	9	1	1	0.00	6.32	0
CO18601	CO18458	7.09	1 1-	4ACSR	0	0	333	144	9	1	1	0.00	6.32	0
CO18600	CO18420	7.12	9 1-	4ACSR	0	0	332	144	30	4	3	0.02	6.34	0
CO18402	CO18600	7.20	9 1-	4ACSR	0	0	330	143	30	4	3	0.01	6.35	0
CO18439	CO18402	7.24	1 1-	4ACSR	0	0	328	143	0	0	0	0.00	6.35	0
CO18440	CO18439	7.27	1 1-	4ACSR	0	0	327	143	0	0	0	0.00	6.35	0
CO18437	CO18402	7.39	2 1-	4ACSR	0	0	324	142	8	1	1	0.01	6.36	0
CO18438	CO18437	7.45	2 1-	4ACSR	0	0	322	141	8	1	1	0.00	6.36	0
CO18537	CO18402	7.33	6 1-	4ACSR	0	0	326	142	22	3	2	0.02	6.37	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18538	CO18537	7.44	5 1-	4ACSR	0	0	322	141	15	2	2	0.01	6.38	0
CO18445	CO18538	7.45	2 1-	4ACSR	0	0	322	141	0	0	0	0.00	6.38	0
CO18446	CO18445	7.45	1 1-	4ACSR	0	0	322	141	0	0	0	0.00	6.38	0
CO18447	CO18446	7.70	1 1-	4ACSR	0	0	315	139	0	0	0	0.00	6.38	0
CO18441	CO18538	7.51	3 1-	4ACSR	0	0	320	141	15	2	1	0.01	6.38	0
CO18442	CO18441	7.56	2 1-	4ACSR	0	0	319	140	15	2	1	0.00	6.39	0
CO18443	CO18442	7.59	2 1-	4ACSR	0	0	318	140	15	2	1	0.00	6.39	0
CO18444	CO18443	7.61	1 1-	4ACSR	0	0	317	140	2	0	0	0.00	6.39	0
CO18373	CO18568	6.93	0 1-	4ACSR	0	0	338	146	0	0	0	0.00	6.28	0
CO18372	CO18568	6.92	1 1-	4ACSR	0	0	338	146	12	1	1	0.00	6.28	0
CO18371	CO18326	6.68	0 1-	4ACSR	0	0	346	148	0	0	0	0.00	6.13	0
CO18367	CO18407	5.97	1 1-	4ACSR	0	0	369	154	2	0	0	0.00	5.71	0
CO18366	CO18324	5.87	1 1-	4ACSR	0	0	373	155	0	0	0	0.00	5.58	0
CO18365	CO18324	5.86	1 1-	4ACSR	0	0	373	155	3	0	0	0.00	5.58	0
CO18481+	CO18473	5.57	2 1-	2ACSR	0	0	1075	303	8	0	0	0.00	3.10	0
CO18482+	CO18481	5.60	2 1-	2ACSR	0	0	1070	303	8	0	0	0.00	3.10	0
CO18322+	CO18323	5.48	588 3-	4/0ACSR	1306	1243	1092	305	2427	55	16	0.01	3.09	26
CO18361+	CO18322	5.54	1 1-	4ACSR	0	0	1080	304	9	0	0	0.00	3.09	0
CO18360+	CO18322	5.51	2 1-	4ACSR	0	0	1088	305	2	0	0	0.00	3.09	0
CO18321+	CO18322	5.72	584 3-	4/0ACSR	1281	1219	1067	304	2416	54	16	0.06	3.15	205
CO18359+	CO18321	5.93	0 1-	4ACSR	0	0	1029	300	0	0	0	0.00	3.15	0
OC-2134406355+	CO18359	5.93	0 1-	20 N FUSE	0	0	1029	300	0	0	0	0.00	3.15	0
CO18320+	CO18321	5.84	582 3-	4/0ACSR	1269	1206	1054	303	2401	54	16	0.03	3.18	107
CO18358+	CO18320	6.09	3 1-	4ACSR	0	0	1010	299	5	0	0	0.00	3.18	0
OC1711727836+	CO18358	6.09	0 1-	20 N FUSE	0	0	1010	299	0	0	0	0.00	3.18	0
CO-497339426+	CO18320	5.92	579 3-	2ACSR	1256	1195	1042	302	2395	54	30	0.05	3.23	215
CO-2006086148+	CO-497339426	5.98	0 1-	2ACSR	0	0	1034	301	0	0	0	0.00	3.23	0
CO-739286836+	CO-497339426	5.95	579 3-	2ACSR	1252	1191	1039	302	2394	54	30	0.02	3.25	68
CO18550+	CO-739286836	5.99	579 3-	4/0ACSR	1249	1187	1035	301	2394	54	16	0.01	3.26	32
CO18583+	CO18550	5.99	8 1-	6ACWC	0	0	1034	301	42	2	2	0.00	3.26	0
OC551+	CO18583	5.99	8 1-	10 N FUSE	0	0	1034	301	42	2	29	0.00	3.26	0
CO18584+	OC551	6.20	8 1-	6ACWC	0	0	999	298	42	2	2	0.01	3.27	0
CO18469+	CO18584	6.30	7 1-	6ACWC	0	0	982	296	27	1	1	0.00	3.27	0
CO18470+	CO18469	6.43	5 1-	6ACWC	0	0	962	294	21	1	1	0.00	3.27	0
CO18404+	CO18470	6.50	5 1-	6ACWC	0	0	950	293	21	1	1	0.00	3.28	0
CO18463+	CO18404	6.67	3 1-	6ACWC	0	0	924	290	10	0	0	0.00	3.28	0
CO18464+	CO18463	6.71	1 1-	6ACWC	0	0	919	289	2	0	0	0.00	3.28	0
CO18357+	CO18463	6.71	2 1-	6ACWC	0	0	918	289	8	0	0	0.00	3.28	0
CO18356+	CO18404	6.60	1 1-	6ACWC	0	0	936	291	10	0	1	0.00	3.28	0
CO18388+	CO18469	6.33	2 1-	2ACSR	0	0	978	296	6	0	0	0.00	3.27	0
CO18552+	CO18550	6.01	571 3-	4/0ACSR	1247	1185	1033	301	2352	53	16	0.00	3.26	17
CO18554+	CO18552	6.07	571 3-	4/0ACSR	1241	1179	1027	301	2352	53	16	0.02	3.28	53
CO18553+	CO18554	6.21	569 3-	4/0ACSR	1228	1167	1014	300	2345	53	16	0.03	3.31	110
CO18355+	CO18553	6.26	1 1-	4ACSR	0	0	1004	299	0	0	0	0.00	3.31	0
OC-585519646+	CO18355	6.26	0 1-	20 N FUSE	0	0	1004	299	0	0	0	0.00	3.31	0
CO18319+	CO18553	6.28	567 3-	4/0ACSR	1221	1160	1007	300	2340	53	16	0.02	3.32	60
CO23812+	CO18319	6.37	565 3-	4/0ACSR	1213	1152	999	299	2336	53	16	0.02	3.34	69
CO19013+	CO23812	6.45	562 3-	4/0ACSR	1206	1145	992	299	2330	53	16	0.02	3.36	66
CO19012+	CO19013	6.63	562 3-	4/0ACSR	1189	1129	976	298	2329	53	16	0.04	3.41	149
CO18883+	CO19012	6.71	561 3-	4/0ACSR	1183	1123	969	298	2321	52	16	0.02	3.42	60
CO18909+	CO18883	7.03	7 1-	6ACWC	0	0	921	292	19	1	1	0.01	3.43	0
OC1520475103+	CO18909	7.03	7 1-	20 N FUSE	0	0	921	292	19	1	7	0.00	3.43	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19010+	OC1520475103	7.14	7 1-	6ACWC	0	0	906	290	19	1	1	0.00	3.44	0
CO19011+	CO19010	7.33	5 1-	6ACWC	0	0	880	287	15	1	1	0.00	3.44	0
CO18910+	CO19011	7.48	4 1-	6ACWC	0	0	861	285	15	1	1	0.00	3.44	0
CO18911+	CO18910	7.71	0 1-	6ACWC	0	0	831	281	0	0	0	0.00	3.44	0
CO18912+	CO18911	7.84	0 1-	6ACWC	0	0	816	279	0	0	0	0.00	3.44	0
CO18907+	CO19011	7.48	0 1-	6ACWC	0	0	861	285	0	0	0	0.00	3.44	0
CO18908+	CO18907	8.08	0 1-	6ACWC	0	0	789	276	0	0	0	0.00	3.44	0
CO18882+	CO18883	6.74	554 3-	4/0ACSR	1180	1119	966	297	2302	52	15	0.01	3.43	30
CO18986+	CO18882	6.84	554 3-	4/0ACSR	1171	1111	958	297	2302	52	15	0.02	3.45	77
CO18985+	CO18986	6.90	553 3-	4/0ACSR	1167	1107	953	297	2294	52	15	0.01	3.47	42
CO-1860564231+	CO18985	6.93	551 3-	2ACSR	1161	1102	948	296	2272	51	29	0.02	3.49	95
CO1941927171+	CO-1860564231	7.01	1 1-	2ACSR	0	0	939	295	2	0	0	0.00	3.49	0
CO579321958+	CO-1860564231	7.07	550 3-	2ACSR	1144	1086	933	295	2270	51	29	0.08	3.58	321
CO19028+	CO579321958	7.07	15 3-	6ACWC	1143	1085	932	294	55	1	1	0.00	3.58	0
CO19029+	CO19028	7.09	15 3-	6ACWC	1140	1082	929	294	55	1	1	0.00	3.58	0
CO19030+	CO19029	7.15	14 3-	1/0ACSR	1134	1076	923	294	43	0	0	0.00	3.58	0
CO19031+	CO19030	7.16	14 3-	6ACWC	1132	1075	922	294	43	0	1	0.00	3.58	0
CO18818+	CO19031	7.35	14 3-	6HDCU	1103	1049	896	290	43	0	1	0.00	3.58	0
CO18984+	CO18818	7.47	13 3-	6HDCU	1084	1032	880	288	43	0	1	0.00	3.58	0
CO18983+	CO18984	7.63	13 3-	6HDCU	1061	1011	859	286	43	0	1	0.00	3.59	0
CO18921+	CO18983	7.72	10 3-	6HDCU	1049	1001	849	285	38	0	1	0.00	3.59	0
CO18920+	CO18921	7.79	9 3-	6HDCU	1039	992	840	284	28	0	1	0.00	3.59	0
CO18919+	CO18920	7.85	9 3-	6HDCU	1030	984	833	283	28	0	1	0.00	3.59	0
CO18972+	CO18919	8.03	0 3-	6HDCU	1006	962	812	280	0	0	0	0.00	3.59	0
CO18837+	CO18919	7.96	8 1-	4ACSR	0	0	819	281	26	1	1	0.00	3.59	0
OC1245686531+	CO18837	7.96	8 1-	20 N FUSE	0	0	819	281	26	1	9	0.00	3.59	0
CO18815+	OC1245686531	8.11	8 1-	4ACSR	0	0	803	279	26	1	1	0.01	3.60	0
CO18816+	CO18815	8.58	6 1-	6HDCU	0	0	753	272	26	1	1	0.02	3.62	0
CO18849+	CO18816	8.66	2 1-	6HDCU	0	0	745	271	9	0	0	0.00	3.62	0
CO18817+	CO18816	8.67	4 1-	6HDCU	0	0	743	270	17	1	1	0.00	3.62	0
CO18930+	CO18817	8.79	2 1-	6HDCU	0	0	732	269	14	0	1	0.00	3.62	0
CO18931+	CO18930	9.04	2 1-	6HDCU	0	0	709	265	14	0	1	0.01	3.63	0
CO-1734350563+	CO18931	9.30	1 1-	2ACSR	0	0	691	263	4	0	0	0.00	3.63	0
CO18932+	CO18931	9.17	1 1-	6HDCU	0	0	698	264	10	0	1	0.00	3.63	0
CO18848+	CO18817	8.73	1 1-	6HDCU	0	0	738	270	3	0	0	0.00	3.62	0
CO18933+	CO18815	8.17	2 1-	6HDCU	0	0	796	278	0	0	0	0.00	3.60	0
CO18935+	CO18933	8.22	1 1-	6HDCU	0	0	790	277	0	0	0	0.00	3.60	0
CO18934+	CO18933	8.39	1 1-	6HDCU	0	0	772	274	0	0	0	0.00	3.60	0
CO18846+	OC1245686531	8.02	0 1-	6HDCU	0	0	812	280	0	0	0	0.00	3.59	0
CO18850+	CO18818	7.54	1 1-	6HDCU	0	0	871	287	0	0	0	0.00	3.58	0
CO30679+	CO579321958	7.16	535 3-	4/0ACSR	1137	1079	925	294	2214	50	15	0.02	3.60	67
CO18809+	CO30679	7.16	532 3-	4/0ACSR	1136	1078	925	294	2208	50	15	0.00	3.60	5
CA67+	CO18809	7.16	0 3-	Capacitor	1136	1078	925	294	0	-7	0	0.00	3.60	0
CO18808+	CO18809	7.45	531 3-	4/0ACSR	1114	1056	903	293	2206	51	15	0.07	3.67	217
CO18982+	CO18808	7.50	529 3-	4/0ACSR	1110	1052	899	292	2196	51	15	0.01	3.69	42
CO18981+	CO18982	7.52	529 3-	4/0ACSR	1108	1051	898	292	2195	51	15	0.01	3.69	15
CO23809+	CO18981	7.63	1 1-	4ACSR	0	0	883	290	3	0	0	0.00	3.69	0
OC2075182558+	CO23809	7.63	0 1-	20 N FUSE	0	0	883	290	0	0	0	0.00	3.69	0
CO23808+	CO18981	7.61	527 3-	4/0ACSR	1102	1045	892	292	2190	51	15	0.02	3.71	61
CO18430+	CO23808	7.65	2 1-	4ACSR	0	0	886	291	9	0	0	0.00	3.71	0
OC-414779172+	CO18430	7.65	2 1-	20 N FUSE	0	0	886	291	9	0	3	0.00	3.71	0
CO18431+	OC-414779172	7.69	2 1-	4ACSR	0	0	880	290	9	0	0	0.00	3.71	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18582+	CO23808	7.68	524 3-	4/0ACSR	1096	1039	886	291	2174	50	15	0.02	3.73	58
CO18581+	CO18582	7.69	524 3-	4/0ACSR	1096	1038	886	291	2174	50	15	0.00	3.73	5
OC559+	CO18581	7.69	520 3-	70 E OCR	1096	1038	886	291	2155	50	72	0.00	3.73	0
CO18531+	OC559	7.71	520 3-	4/0ACSR	1094	1037	885	291	2155	50	15	0.00	3.74	11
CO18530+	CO18531	7.74	520 3-	4/0ACSR	1092	1035	882	291	2155	50	15	0.01	3.75	22
CO18527+	CO18530	7.75	519 3-	4/0ACSR	1091	1034	881	291	2146	50	15	0.00	3.75	11
CO18526+	CO18527	7.79	516 3-	4/0ACSR	1088	1031	879	291	2140	50	15	0.01	3.76	26
CO18525+	CO18526	7.83	516 3-	4/0ACSR	1086	1029	876	291	2140	50	15	0.01	3.77	29
CO18316+	CO18525	7.86	512 3-	4/0ACSR	1083	1026	874	290	2127	49	15	0.01	3.78	21
CO18524+	CO18316	7.89	507 3-	4/0ACSR	1081	1024	872	290	2091	48	14	0.01	3.78	20
CO18523+	CO18524	7.92	507 3-	4/0ACSR	1079	1022	869	290	2091	48	14	0.01	3.79	26
CO18522+	CO18523	7.97	504 3-	4/0ACSR	1075	1019	866	290	2079	48	14	0.01	3.80	28
CO18521+	CO18522	8.00	499 3-	4/0ACSR	1073	1016	864	290	2047	47	14	0.01	3.81	23
CO18315+	CO18521	8.04	492 3-	4/0ACSR	1070	1014	861	289	2035	47	14	0.01	3.82	24
CO18487+	CO18315	8.05	433 3-	4/0ACSR	1070	1013	861	289	1831	42	13	0.00	3.82	5
CO18486+	CO18487	8.06	433 3-	4/0ACSR	1069	1012	860	289	1831	42	13	0.00	3.83	5
CO18485+	CO18486	8.07	431 3-	4/0ACSR	1068	1012	860	289	1822	42	13	0.00	3.83	5
CO18471+	CO18485	8.13	92 1-	4ACSR	0	0	852	288	359	25	18	0.04	3.87	22
CO18589+	CO18471	8.14	89 1-	4ACSR	0	0	851	288	351	24	18	0.00	3.87	2
OC555+	CO18589	8.14	0 1-	50 E OCR	0	0	851	288	0	0	0	0.00	3.87	0
AU60	CO18589	8.14	89 1-	167 KVA 1PH AUT	0	0	585	165	351	24	214	1.65	5.52	0
CO18590	AU60	8.14	89 1-	4ACSR	0	0	585	165	351	49	35	0.01	5.53	5
CO18591	CO18590	8.20	89 1-	4ACSR	0	0	580	164	351	49	35	0.14	5.66	80
CO18426	CO18591	8.24	1 1-	4ACSR	0	0	576	164	12	1	1	0.00	5.67	0
CO18427	CO18426	8.31	1 1-	4ACSR	0	0	570	163	12	1	1	0.00	5.67	0
CO18392	CO18591	8.26	87 1-	4ACSR	0	0	575	164	337	47	34	0.12	5.79	70
CO18393	CO18392	8.34	86 1-	4ACSR	0	0	568	163	337	47	34	0.17	5.95	94
CO23806	CO18393	8.52	1 1-	4ACSR	0	0	553	161	2	0	0	0.00	5.96	0
CO18504	CO18393	8.35	85 1-	4ACSR	0	0	567	163	334	47	34	0.02	5.98	12
CO18505	CO18504	8.36	85 1-	4ACSR	0	0	566	163	334	47	34	0.02	6.00	11
CO18506	CO18505	8.47	85 1-	4ACSR	0	0	557	162	334	47	34	0.24	6.24	136
CO18507	CO18506	8.81	84 1-	4ACSR	0	0	529	158	333	47	34	0.73	6.98	409
CO18508	CO18507	8.85	84 1-	4ACSR	0	0	526	158	331	47	34	0.09	7.06	49
CO18509	CO18508	8.94	82 1-	4ACSR	0	0	519	157	326	46	33	0.18	7.24	99
CO23853	CO18509	8.99	81 1-	4ACSR	0	0	515	156	325	46	33	0.11	7.36	61
CO23854	CO23853	9.08	79 1-	4ACSR	0	0	508	156	323	46	33	0.18	7.54	98
CO18806	CO23854	9.28	76 1-	4ACSR	0	0	493	154	315	45	32	0.43	7.96	226
CO18807	CO18806	9.40	73 1-	4ACSR	0	0	484	153	301	43	31	0.22	8.19	115
CO18811	CO18807	9.47	72 1-	4ACSR	0	0	479	152	295	42	30	0.15	8.33	74
CO18979	CO18811	9.49	8 1-	4ACSR	0	0	478	152	27	3	3	0.00	8.34	0
CO18980	CO18979	9.52	8 1-	4ACSR	0	0	476	152	27	3	3	0.00	8.34	0
CO30533	CO18980	9.66	5 1-	4ACSR	0	0	466	150	18	2	2	0.01	8.35	0
CO25839	CO30533	9.68	1 1-	4ACSR	0	0	464	150	7	0	1	0.00	8.35	0
CO26026	CO30533	9.70	2 1-	4ACSR	0	0	463	150	3	0	0	0.00	8.35	0
CO26027	CO26026	9.77	2 1-	4ACSR	0	0	458	149	3	0	0	0.00	8.36	0
CO26028	CO26027	9.81	1 1-	4ACSR	0	0	456	149	0	0	0	0.00	8.36	0
CO26029	CO26028	9.89	1 1-	4ACSR	0	0	450	148	0	0	0	0.00	8.36	0
CO30532	CO18811	9.88	64 1-	4ACSR	0	0	451	148	268	38	28	0.69	9.03	308
CO26021	CO30532	10.00	60 1-	4ACSR	0	0	443	147	238	34	25	0.18	9.21	71
CO26022	CO26021	10.14	18 1-	4ACSR	0	0	435	146	42	6	4	0.04	9.24	3
CO26023	CO26022	10.17	18 1-	4ACSR	0	0	433	146	42	6	4	0.01	9.25	0
CO26058	CO26023	10.17	18 1-	4ACSR	0	0	433	146	42	6	4	0.00	9.25	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC783	CO26058	10.17	18 1-	25 H OCR	0	0	433	146	42	6	25	0.00	9.25	0
CO26062	OC783	10.20	17 1-	4ACSR	0	0	431	146	40	5	4	0.01	9.26	0
CO26063	CO26062	10.21	16 1-	4ACSR	0	0	431	146	40	5	4	0.00	9.26	0
CO25816	CO26063	10.24	14 1-	4ACSR	0	0	428	145	30	4	3	0.01	9.27	0
CO30531	CO25816	10.35	13 1-	4ACSR	0	0	422	144	28	4	3	0.02	9.29	0
CO19024	CO30531	10.39	13 1-	4ACSR	0	0	420	144	28	4	3	0.01	9.30	0
CO19025	CO19024	10.42	12 1-	4ACSR	0	0	418	144	22	3	2	0.00	9.30	0
CO18814	CO19025	10.52	12 1-	4ACSR	0	0	412	143	22	3	2	0.01	9.31	0
CO19026	CO18814	10.62	3 1-	4ACSR	0	0	406	142	5	0	0	0.00	9.32	0
CO19027	CO19026	10.65	2 1-	4ACSR	0	0	405	142	4	0	0	0.00	9.32	0
CO139267420	CO19027	10.72	1 1-	2ACSR	0	0	402	142	0	0	0	0.00	9.32	0
CO1826393484	CO139267420	10.79	1 1-	2ACSR	0	0	399	141	0	0	0	0.00	9.32	0
CO999283517	CO139267420	10.96	0 1-	2ACSR	0	0	391	140	0	0	0	0.00	9.32	0
CO18842	CO19027	10.70	1 1-	4ACSR	0	0	402	142	4	0	0	0.00	9.32	0
CO18886	CO18814	10.76	9 1-	4ACSR	0	0	399	141	18	2	2	0.03	9.34	0
CO18887	CO18886	10.82	8 1-	4ACSR	0	0	396	141	14	2	2	0.01	9.35	0
CO18813	CO18887	11.01	5 1-	4ACSR	0	0	386	139	4	0	0	0.00	9.35	0
CO18812	CO18813	11.08	4 1-	4ACSR	0	0	382	139	3	0	0	0.00	9.35	0
CO18977	CO18812	11.28	1 1-	4ACSR	0	0	373	137	0	0	0	0.00	9.35	0
CO18978	CO18977	11.39	0 1-	4ACSR	0	0	367	136	0	0	0	0.00	9.35	0
CO18961	CO18812	11.21	2 1-	2ACSR	0	0	377	138	3	0	0	0.00	9.35	0
CO18962	CO18961	11.27	2 1-	2ACSR	0	0	375	138	3	0	0	0.00	9.35	0
CO18960	CO18962	11.31	2 1-	2ACSR	0	0	373	138	3	0	0	0.00	9.36	0
CO18843	CO18813	11.06	1 1-	4ACSR	0	0	383	139	0	0	0	0.00	9.35	0
CO18924	CO18887	10.87	2 1-	4ACSR	0	0	393	140	11	1	1	0.00	9.35	0
CO18925	CO18924	10.92	1 1-	4ACSR	0	0	391	140	7	0	1	0.00	9.35	0
CO18888	CO18925	10.99	1 1-	4ACSR	0	0	387	139	7	0	1	0.00	9.35	0
CO18885	CO30531	10.39	0 1-	4ACSR	0	0	420	144	0	0	0	0.00	9.29	0
CO25840	CO25816	10.28	0 1-	4ACSR	0	0	426	145	0	0	0	0.00	9.27	0
CO26036	CO26063	10.27	2 1-	4ACSR	0	0	427	145	10	1	1	0.00	9.26	0
CO26037	CO26036	10.29	1 1-	4ACSR	0	0	426	145	1	0	0	0.00	9.26	0
CO26024	OC783	10.19	1 1-	4ACSR	0	0	432	146	2	0	0	0.00	9.25	0
CO26025	CO26024	10.21	1 1-	4ACSR	0	0	430	146	2	0	0	0.00	9.25	0
CO26018	CO26021	10.10	3 1-	4ACSR	0	0	437	147	30	4	3	0.01	9.22	0
CO26019	CO26018	10.15	1 1-	4ACSR	0	0	434	146	7	0	1	0.00	9.22	0
CO26020	CO26019	10.19	0 1-	4ACSR	0	0	432	146	0	0	0	0.00	9.22	0
CO26016	CO26021	10.06	37 1-	4ACSR	0	0	440	147	146	21	15	0.05	9.26	13
CO26017	CO26016	10.16	34 1-	4ACSR	0	0	433	146	131	19	14	0.09	9.34	19
CO26014	CO26017	10.19	33 1-	4ACSR	0	0	432	146	124	18	13	0.02	9.37	5
CO26015	CO26014	10.21	30 1-	4ACSR	0	0	430	146	118	17	12	0.02	9.38	3
CO25817	CO26015	10.41	28 1-	4ACSR	0	0	418	144	115	16	12	0.15	9.54	30
CO25818	CO25817	10.53	24 1-	4ACSR	0	0	412	143	105	15	11	0.08	9.61	13
CO26009	CO25818	10.67	23 1-	4ACSR	0	0	404	142	95	13	10	0.09	9.70	14
CO26010	CO26009	10.69	22 1-	4ACSR	0	0	403	142	92	13	10	0.01	9.71	0
CO25819	CO26010	10.79	13 1-	4ACSR	0	0	397	141	64	9	7	0.04	9.75	4
CO-1578607451	CO25819	10.83	0 1-	2ACSR	0	0	396	141	0	0	0	0.00	9.75	0
CO26054	CO25819	10.80	12 1-	4ACSR	0	0	397	141	57	8	6	0.00	9.76	0
OC784	CO26054	10.80	12 1-	25 H OCR	0	0	397	141	57	8	34	0.00	9.76	0
CO26055	OC784	10.99	12 1-	4ACSR	0	0	387	139	57	8	6	0.07	9.83	7
CO25992	CO26055	11.01	11 1-	4ACSR	0	0	386	139	55	8	6	0.01	9.83	0
CO25993	CO25992	11.15	11 1-	4ACSR	0	0	379	138	55	8	6	0.05	9.89	5
CO25994	CO25993	11.42	11 1-	4ACSR	0	0	366	136	55	8	6	0.10	9.99	9

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26034	CO25994	11.47	11 1-	4ACSR	0	0	363	136	55	8	6	0.02	10.00	0
CO26035	CO26034	11.54	10 1-	4ACSR	0	0	360	135	50	7	5	0.02	10.03	0
CO25995	CO26035	11.60	10 1-	4ACSR	0	0	358	135	50	7	5	0.02	10.04	0
CO25996	CO25995	11.63	9 1-	4ACSR	0	0	356	135	40	5	4	0.01	10.05	0
CO25820	CO25996	11.75	7 1-	4ACSR	0	0	351	134	35	5	4	0.03	10.08	0
CO25999	CO25820	11.96	6 1-	4ACSR	0	0	342	132	26	3	3	0.04	10.12	0
OC1653268943	CO25999	11.96	6 1-	20 N FUSE	0	0	342	132	26	3	19	0.00	10.12	0
CO26000	OC1653268943	12.19	5 1-	4ACSR	0	0	333	131	18	2	2	0.03	10.14	0
CO26001	CO26000	12.35	2 1-	4ACSR	0	0	326	130	3	0	0	0.00	10.15	0
CO30530	CO26001	12.55	1 1-	4ACSR	0	0	319	129	3	0	0	0.00	10.15	0
CO18884	CO30530	12.61	1 1-	4ACSR	0	0	317	128	3	0	0	0.00	10.15	0
CO25846	CO26000	12.32	3 1-	4ACSR	0	0	327	130	15	2	2	0.01	10.15	0
CO25847	CO25846	12.39	1 1-	4ACSR	0	0	325	130	0	0	0	0.00	10.15	0
CO25855	OC1653268943	12.04	1 1-	4ACSR	0	0	338	132	8	1	1	0.00	10.12	0
CO25997	CO25820	11.86	1 1-	4ACSR	0	0	346	133	9	1	1	0.01	10.09	0
CO25998	CO25997	11.90	1 1-	4ACSR	0	0	345	133	9	1	1	0.00	10.09	0
CO25843	CO25996	11.78	2 1-	4ACSR	0	0	349	134	5	0	1	0.00	10.06	0
CO25854	CO25995	11.67	1 1-	2ACSR	0	0	355	135	10	1	1	0.00	10.04	0
CO25851	CO26035	11.60	0 1-	2ACSR	0	0	358	135	0	0	0	0.00	10.03	0
CO25844	CO25994	11.54	0 1-	4ACSR	0	0	360	135	0	0	0	0.00	9.99	0
CO25845	CO25992	11.08	0 1-	4ACSR	0	0	382	139	0	0	0	0.00	9.83	0
CO26052	CO25819	10.83	0 1-	4ACSR	0	0	395	141	0	0	0	0.00	9.75	0
CO26053	CO26052	10.84	0 1-	4ACSR	0	0	395	141	0	0	0	0.00	9.75	0
CO26007	CO26010	10.75	7 1-	4ACSR	0	0	399	141	27	3	3	0.01	9.72	0
CO26038	CO26007	10.78	5 1-	4ACSR	0	0	398	141	10	1	1	0.00	9.72	0
CO26039	CO26038	10.81	4 1-	4ACSR	0	0	396	141	8	1	1	0.00	9.73	0
CO-408908936	CO26039	10.88	2 1-	2ACSR	0	0	393	140	5	0	0	0.00	9.73	0
CO26008	CO26007	10.82	2 1-	4ACSR	0	0	396	141	17	2	2	0.01	9.73	0
CO25848	CO26008	10.87	1 1-	4ACSR	0	0	393	140	8	1	1	0.00	9.73	0
CO25842	CO25818	10.56	0 1-	4ACSR	0	0	410	143	0	0	0	0.00	9.61	0
CO26012	CO25817	10.52	4 1-	4ACSR	0	0	412	143	9	1	1	0.00	9.54	0
CO26013	CO26012	10.59	2 1-	4ACSR	0	0	408	143	0	0	0	0.00	9.54	0
CO26011	CO26013	10.67	2 1-	4ACSR	0	0	404	142	0	0	0	0.00	9.54	0
CO25841	CO26015	10.27	2 1-	4ACSR	0	0	427	145	4	0	0	0.00	9.39	0
CO25850	CO30532	9.94	1 1-	2ACSR	0	0	448	148	5	0	0	0.00	9.03	0
CO30534	CO18807	9.56	1 1-	4ACSR	0	0	473	151	6	0	1	0.00	8.19	0
CO18838	CO18806	9.42	2 1-	4ACSR	0	0	483	152	9	1	1	0.00	7.97	0
CO18922	CO23854	9.15	2 1-	4ACSR	0	0	502	155	6	0	1	0.00	7.54	0
CO18923	CO18922	9.20	1 1-	4ACSR	0	0	499	154	2	0	0	0.00	7.54	0
CO18349	CO18505	8.37	0 1-	4ACSR	0	0	565	163	0	0	0	0.00	6.00	0
CO18491+	CO18485	8.10	336 3-	4/0ACSR	1066	1010	857	289	1453	33	10	0.01	3.83	10
CO18490+	CO18491	8.12	336 3-	4/0ACSR	1064	1008	856	289	1453	33	10	0.00	3.84	8
CO18424+	CO18490	8.18	2 1-	4ACSR	0	0	849	288	3	0	0	0.00	3.84	0
OC-1196933880+	CO18424	8.18	1 1-	20 N FUSE	0	0	849	288	0	0	0	0.00	3.84	0
CO18425+	OC-1196933880	8.25	1 1-	4ACSR	0	0	840	287	0	0	0	0.00	3.84	0
CO18489+	CO18490	8.17	328 3-	4/0ACSR	1061	1005	853	289	1414	33	10	0.01	3.85	16
CO18488+	CO18489	8.21	328 3-	4/0ACSR	1058	1002	850	289	1414	33	10	0.01	3.85	12
CO18391+	CO18488	8.26	324 3-	4/0ACSR	1055	999	847	288	1387	32	10	0.01	3.86	14
CO18495+	CO18391	8.34	324 3-	4/0ACSR	1049	993	841	288	1387	32	10	0.01	3.88	27
CO18494+	CO18495	8.37	324 3-	4/0ACSR	1047	991	839	288	1387	32	10	0.00	3.88	9
CO18496+	CO18494	8.68	323 3-	4/0ACSR	1027	971	820	286	1380	32	9	0.05	3.93	91
CO18498+	CO18496	8.72	323 3-	4/0ACSR	1024	969	818	286	1379	32	9	0.01	3.94	13

Substation Power Factor: 0.99
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18497+	CO18498	8.78	322 3-	4/0ACSR	1020	965	814	286	1379	32	9	0.01	3.95	19
CO18314+	CO18497	8.86	318 3-	4/0ACSR	1015	960	810	285	1375	32	9	0.01	3.96	22
CO18421+	CO18314	9.08	2 1-	4ACSR	0	0	786	282	12	0	1	0.00	3.96	0
OC-1726426451+	CO18421	9.08	1 1-	20 N FUSE	0	0	786	282	0	0	0	0.00	3.96	0
CO18422+	OC-1726426451	9.12	1 1-	4ACSR	0	0	782	281	0	0	0	0.00	3.96	0
CO18502+	CO18314	9.02	315 3-	4/0ACSR	1005	950	800	284	1359	31	9	0.03	3.99	49
CO18501+	CO18502	9.06	315 3-	4/0ACSR	1002	948	798	284	1359	31	9	0.01	3.99	10
CO18313+	CO18501	9.25	313 3-	4/0ACSR	990	936	786	283	1358	31	9	0.03	4.02	58
CO18585+	CO18313	9.26	2 1-	6ACWC	0	0	786	283	2	0	0	0.00	4.02	0
OC552+	CO18585	9.26	2 1-	10 N FUSE	0	0	786	283	2	0	1	0.00	4.02	0
CO18586+	OC552	9.52	2 1-	6ACWC	0	0	760	279	2	0	0	0.00	4.02	0
CO18535+	CO18586	9.80	1 1-	6ACWC	0	0	734	275	0	0	0	0.00	4.02	0
CO18536+	CO18535	9.82	0 1-	6ACWC	0	0	732	275	0	0	0	0.00	4.02	0
CO18503+	CO18313	9.30	311 3-	4/0ACSR	988	934	784	283	1355	31	9	0.01	4.03	12
CO30535+	CO18503	9.64	310 3-	4/0ACSR	967	914	765	281	1354	31	9	0.06	4.09	101
OC983096472+	CO30535	9.64	309 3-	20 N FUSE	967	914	765	281	1354	31	159	0.00	4.09	0
CO25624+	OC983096472	9.71	309 3-	4/0ACSR	963	910	762	281	1354	31	9	0.01	4.10	19
CO25677+	CO25624	9.72	1 1-	4ACSR	0	0	761	281	2	0	0	0.00	4.10	0
OC775+	CO25677	9.72	1 1-	10 N FUSE	0	0	761	281	2	0	1	0.00	4.10	0
CO25678+	OC775	10.07	1 1-	4ACSR	0	0	728	275	2	0	0	0.00	4.10	0
CO25490+	CO25678	10.14	1 1-	4ACSR	0	0	721	274	2	0	0	0.00	4.10	0
CO25444+	CO25678	10.49	0 1-	4ACSR	0	0	692	269	0	0	0	0.00	4.10	0
CO25443+	CO25624	9.90	306 3-	4/0ACSR	952	900	752	280	1346	31	9	0.03	4.13	54
CO25675+	CO25443	9.90	5 1-	4ACSR	0	0	751	280	9	0	0	0.00	4.13	0
OC774+	CO25675	9.90	5 1-	10 N FUSE	0	0	751	280	9	0	6	0.00	4.13	0
CO25676+	OC774	10.01	5 1-	4ACSR	0	0	741	278	9	0	0	0.00	4.13	0
CO25563+	CO25676	10.11	4 1-	4ACSR	0	0	732	277	9	0	0	0.00	4.13	0
CO25562+	CO25563	10.20	4 1-	4ACSR	0	0	724	275	9	0	0	0.00	4.13	0
CO25561+	CO25562	10.41	2 1-	4ACSR	0	0	706	272	2	0	0	0.00	4.13	0
CO25560+	CO25561	10.54	1 1-	4ACSR	0	0	695	270	0	0	0	0.00	4.13	0
CO25645+	CO25443	9.99	301 3-	4/0ACSR	947	895	747	279	1336	31	9	0.01	4.14	26
CO25644+	CO25645	10.02	301 3-	4/0ACSR	946	893	745	279	1336	31	9	0.00	4.15	9
CO25643+	CO25644	10.09	300 3-	4/0ACSR	942	889	742	279	1333	31	9	0.01	4.16	18
CO25663+	CO25643	10.09	3 1-	6ACWC	0	0	742	279	22	1	1	0.00	4.16	0
OC773+	CO25663	10.09	3 1-	10 N FUSE	0	0	742	279	22	1	15	0.00	4.16	0
CO25664+	OC773	10.50	3 1-	6ACWC	0	0	706	273	22	1	1	0.01	4.17	0
CO25564+	CO25664	10.58	2 1-	6ACWC	0	0	699	272	16	1	1	0.00	4.17	0
CO25565+	CO25564	10.67	2 1-	6ACWC	0	0	692	270	16	1	1	0.00	4.17	0
CO25440+	CO25643	10.16	296 3-	4/0ACSR	938	885	738	278	1306	30	9	0.01	4.17	20
CO25479+	CO25440	10.31	2 1-	4ACSR	0	0	725	276	9	0	0	0.00	4.17	0
OC1724680748+	CO25479	10.31	0 1-	20 N FUSE	0	0	725	276	0	0	0	0.00	4.17	0
CO25437+	CO25440	10.33	294 3-	4/0ACSR	929	877	730	278	1296	30	9	0.03	4.20	44
CO25673+	CO25437	10.34	2 1-	6ACWC	0	0	730	278	6	0	0	0.00	4.20	0
OC772+	CO25673	10.34	2 1-	10 N FUSE	0	0	730	278	6	0	4	0.00	4.20	0
CO25674+	OC772	10.44	2 1-	6ACWC	0	0	720	276	6	0	0	0.00	4.20	0
CO25646+	CO25674	10.65	2 1-	6ACWC	0	0	703	273	6	0	0	0.00	4.20	0
CO25647+	CO25646	10.82	1 1-	6ACWC	0	0	689	270	1	0	0	0.00	4.20	0
CO25493+	CO25647	10.97	0 1-	2ACSR	0	0	679	269	0	0	0	0.00	4.20	0
CO25642+	CO25437	10.45	291 3-	4/0ACSR	923	871	725	277	1282	30	9	0.02	4.21	31
CO25641+	CO25642	10.47	290 3-	4/0ACSR	921	869	723	277	1282	30	9	0.00	4.22	6
CO25640+	CO25641	10.50	289 3-	4/0ACSR	920	868	722	277	1272	29	9	0.00	4.22	8
CO25639+	CO25640	10.56	288 3-	4/0ACSR	917	865	719	276	1267	29	9	0.01	4.23	14

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25638+	CO25639	10.59	286 3-	4/0ACSR	915	863	718	276	1264	29	9	0.01	4.24	9
CO25635+	CO25638	10.62	282 3-	4/0ACSR	913	862	716	276	1249	29	9	0.00	4.24	7
CO25637+	CO25635	10.67	282 3-	4/0ACSR	911	860	714	276	1249	29	9	0.01	4.25	11
CO25636+	CO25637	10.71	280 3-	4/0ACSR	909	858	712	276	1241	29	9	0.01	4.25	10
CO25671+	CO25636	10.71	4 1-	6ACWC	0	0	712	276	13	0	1	0.00	4.25	0
OC771+	CO25671	10.71	4 1-	10 N FUSE	0	0	712	276	13	0	9	0.00	4.25	0
CO25672+	OC771	10.85	4 1-	6ACWC	0	0	700	274	13	0	1	0.00	4.26	0
CO25557+	CO25672	10.91	4 1-	6ACWC	0	0	695	273	13	0	1	0.00	4.26	0
CO25625+	CO25557	11.21	3 1-	6ACWC	0	0	672	269	13	0	1	0.01	4.26	0
CO25626+	CO25625	11.23	2 1-	6ACWC	0	0	670	268	13	0	1	0.00	4.26	0
CO25558+	CO25626	11.36	1 1-	6ACWC	0	0	661	266	7	0	0	0.00	4.27	0
CO25559+	CO25558	11.51	1 1-	6ACWC	0	0	650	264	7	0	0	0.00	4.27	0
CO1605826172+	CO25559	11.77	1 1-	2ACSR	0	0	635	262	7	0	0	0.00	4.27	0
CO25476+	CO25559	11.57	0 1-	4ACSR	0	0	646	264	0	0	0	0.00	4.27	0
CO25475+	CO25626	11.29	1 1-	4ACSR	0	0	666	267	6	0	0	0.00	4.26	0
CO25478+	CO25557	10.99	1 1-	4ACSR	0	0	689	272	0	0	0	0.00	4.26	0
CO25654+	CO25636	10.76	272 3-	4/0ACSR	906	855	710	275	1213	28	8	0.01	4.26	13
CO25653+	CO25654	10.81	272 3-	4/0ACSR	904	852	707	275	1213	28	8	0.01	4.27	11
CO25648+	CO25653	11.09	271 3-	4/0ACSR	890	839	695	274	1211	28	8	0.04	4.31	64
CO25669+	CO25648	11.09	0 1-	4ACSR	0	0	695	274	0	0	0	0.00	4.31	0
OC770+	CO25669	11.09	0 1-	10 N FUSE	0	0	695	274	0	0	0	0.00	4.31	0
CO25670+	OC770	11.60	0 1-	4ACSR	0	0	656	266	0	0	0	0.00	4.31	0
CO25549+	CO25670	11.83	0 1-	4ACSR	0	0	639	263	0	0	0	0.00	4.31	0
CO25649+	CO25648	11.19	1 1-	4ACSR	0	0	687	272	8	0	0	0.00	4.31	0
OC-1643252272+	CO25649	11.19	0 1-	20 N FUSE	0	0	687	272	0	0	0	0.00	4.31	0
CO25650+	OC-1643252272	11.28	0 1-	4ACSR	0	0	680	271	0	0	0	0.00	4.31	0
CO25550+	CO25650	11.32	0 1-	4ACSR	0	0	677	270	0	0	0	0.00	4.31	0
CO25439+	CO25648	11.14	269 3-	4/0ACSR	887	837	693	274	1198	28	8	0.01	4.32	13
CO25551+	CO25439	11.23	2 1-	4ACSR	0	0	686	272	15	1	1	0.00	4.32	0
OC-855127755+	CO25551	11.23	1 1-	20 N FUSE	0	0	686	272	8	0	3	0.00	4.32	0
CO25552+	OC-855127755	11.28	1 1-	4ACSR	0	0	682	272	8	0	0	0.00	4.32	0
CO25553+	CO25552	11.31	1 1-	4ACSR	0	0	679	271	8	0	0	0.00	4.32	0
CO25438+	CO25439	11.21	267 3-	4/0ACSR	884	833	690	273	1183	27	8	0.01	4.33	15
CO30619+	CO25438	11.35	265 3-	4/0ACSR	877	827	684	273	1166	27	8	0.02	4.35	31
CO15635+	CO30619	11.39	265 3-	4/0ACSR	875	825	682	272	1166	27	8	0.01	4.35	8
CO15658+	CO15635	11.50	117 1-	4ACSR	0	0	673	271	471	33	24	0.09	4.44	67
OC-949218142+	CO15658	11.50	115 1-	20 N FUSE	0	0	673	271	462	32	164	0.00	4.44	0
CO15659+	OC-949218142	11.52	115 1-	4ACSR	0	0	672	270	462	32	23	0.01	4.45	8
CO15652+	CO15659	11.54	113 1-	4ACSR	0	0	671	270	454	32	23	0.01	4.46	10
CO15653+	CO15652	11.55	113 1-	4ACSR	0	0	670	270	454	32	23	0.01	4.47	8
CO15654+	CO15653	11.59	112 1-	4ACSR	0	0	667	269	450	32	23	0.03	4.50	22
CO15655+	CO15654	11.62	110 1-	4ACSR	0	0	664	269	430	30	22	0.02	4.53	16
CO15656+	CO15655	11.71	110 1-	4ACSR	0	0	658	268	430	30	22	0.06	4.59	46
CO15657+	CO15656	11.83	110 1-	4ACSR	0	0	649	266	430	30	22	0.08	4.67	57
CO15679+	CO15657	11.90	2 1-	4ACSR	0	0	644	265	8	0	0	0.00	4.67	0
CO15680+	CO15679	11.93	1 1-	4ACSR	0	0	642	265	3	0	0	0.00	4.67	0
CO15681+	CO15680	12.08	1 1-	4ACSR	0	0	632	263	3	0	0	0.00	4.67	0
CO15859+	CO15657	11.83	108 1-	4ACSR	0	0	649	266	421	30	21	0.00	4.68	3
OC476+	CO15859	11.83	108 1-	50 E OCR	0	0	649	266	421	30	60	0.00	4.68	0
CO15860+	OC476	11.88	108 1-	4ACSR	0	0	645	265	421	30	21	0.04	4.71	24
CO15633+	CO15860	12.03	108 1-	4ACSR	0	0	635	263	421	30	21	0.10	4.81	69
AU40	CO15633	12.03	108 1-	167 KVA 1PH AUT	0	0	529	161	421	30	259	2.03	6.84	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15682	AU40	12.16	2 1-	4ACSR	0	0	519	159	5	0	1	0.00	6.84	0
CO15683	CO15682	12.24	1 1-	4ACSR	0	0	513	159	3	0	0	0.00	6.84	0
CO15634	AU40	12.16	106 1-	4ACSR	0	0	519	159	415	59	42	0.36	7.20	250
CO15781	CO15634	12.17	106 1-	4ACSR	0	0	518	159	414	59	42	0.05	7.24	32
CO15782	CO15781	12.27	105 1-	4ACSR	0	0	511	158	406	58	42	0.26	7.50	175
CO15618	CO15782	12.35	1 1-	2ACSR	0	0	505	158	0	0	0	0.00	7.50	0
CO30621	CO15782	12.55	102 1-	4ACSR	0	0	490	156	391	56	40	0.72	8.22	478
CO25630	CO30621	12.62	3 1-	4ACSR	0	0	486	155	11	1	1	0.00	8.23	0
CO25631	CO25630	12.65	1 1-	4ACSR	0	0	484	155	0	0	0	0.00	8.23	0
CO30622	CO30621	12.58	99 1-	4ACSR	0	0	488	155	377	54	39	0.07	8.29	45
CO15552	CO30622	12.72	93 1-	4ACSR	0	0	479	154	349	50	36	0.30	8.59	177
CO15685	CO15552	12.79	2 1-	4ACSR	0	0	474	153	8	1	1	0.00	8.60	0
CO15686	CO15685	12.82	1 1-	4ACSR	0	0	472	153	8	1	1	0.00	8.60	0
CO15636	CO15552	12.74	90 1-	4ACSR	0	0	478	154	332	48	34	0.05	8.65	29
CO15637	CO15636	12.78	88 1-	4ACSR	0	0	475	154	328	47	34	0.08	8.73	46
CO15835	CO15637	12.85	87 1-	4ACSR	0	0	470	153	327	47	34	0.16	8.89	91
CO15597	CO15835	12.92	1 1-	4ACSR	0	0	466	152	8	1	1	0.00	8.89	0
CO15779	CO15835	12.90	86 1-	4ACSR	0	0	467	152	318	46	33	0.10	8.99	54
CO15780	CO15779	12.99	84 1-	4ACSR	0	0	462	152	315	45	33	0.18	9.17	95
CO15638	CO15780	13.12	84 1-	4ACSR	0	0	453	150	315	45	33	0.29	9.46	157
CO15639	CO15638	13.18	83 1-	4ACSR	0	0	449	150	302	44	31	0.11	9.57	58
CO15739	CO15639	13.27	81 1-	4ACSR	0	0	444	149	294	42	31	0.17	9.74	86
CO15740	CO15739	13.47	80 1-	4ACSR	0	0	432	147	292	42	30	0.39	10.12	194
CO15554	CO15740	13.55	75 1-	4ACSR	0	0	427	147	273	39	29	0.14	10.27	68
CO8039	CO15554	13.67	74 1-	4ACSR	0	0	420	146	271	39	28	0.22	10.48	101
CO8135	CO8039	13.68	73 1-	4ACSR	0	0	419	146	271	39	28	0.02	10.50	9
CO8134	CO8135	13.69	73 1-	4ACSR	0	0	419	146	271	39	28	0.02	10.52	9
CO8038	CO8134	13.82	72 1-	4ACSR	0	0	412	145	270	39	28	0.23	10.75	110
CO8133	CO8038	13.84	4 1-	4ACSR	0	0	410	144	11	1	1	0.00	10.75	0
CO8132	CO8133	13.90	4 1-	4ACSR	0	0	407	144	11	1	1	0.00	10.76	0
CO8136	CO8132	13.92	2 1-	4ACSR	0	0	406	144	5	0	1	0.00	10.76	0
CO8138	CO8136	13.98	2 1-	4ACSR	0	0	403	143	5	0	1	0.00	10.76	0
CO8137	CO8138	14.10	2 1-	4ACSR	0	0	396	142	5	0	1	0.00	10.76	0
CO8139	CO8137	14.13	1 1-	4ACSR	0	0	395	142	0	0	0	0.00	10.76	0
CO8140	CO8139	14.18	1 1-	4ACSR	0	0	393	142	0	0	0	0.00	10.76	0
CO7950	CO8038	14.04	68 1-	4ACSR	0	0	400	143	259	38	27	0.38	11.13	169
CO8162	CO7950	14.04	67 1-	4ACSR	0	0	399	143	256	37	27	0.01	11.14	5
OC211	CO8162	14.04	67 1-	50 L OCR	0	0	399	143	256	37	0	0.00	11.14	0
CO8163	OC211	14.14	67 1-	4ACSR	0	0	394	142	256	37	27	0.16	11.30	73
CO7949	CO8163	14.35	2 1-	4ACSR	0	0	384	140	0	0	0	0.00	11.30	0
OC-758518811	CO7949	14.35	2 1-	20 N FUSE	0	0	384	140	0	0	0	0.00	11.30	0
CO7951	OC-758518811	14.58	1 1-	4ACSR	0	0	373	139	0	0	0	0.00	11.30	0
CO8172	CO7951	15.05	0 1-	4ACSR	0	0	351	135	0	0	0	0.00	11.30	0
CO8173	CO8172	15.06	0 1-	4ACSR	0	0	351	135	0	0	0	0.00	11.30	0
CO7977	CO7951	14.63	1 1-	4ACSR	0	0	370	138	0	0	0	0.00	11.30	0
CO7978	OC-758518811	14.46	1 1-	4ACSR	0	0	378	139	0	0	0	0.00	11.30	0
CO7955	CO8163	14.24	63 1-	4ACSR	0	0	390	141	248	36	26	0.16	11.46	67
CO8094	CO7955	14.31	5 1-	4ACSR	0	0	386	141	19	2	2	0.01	11.47	0
CO8179	CO8094	14.35	4 1-	4ACSR	0	0	384	140	19	2	2	0.00	11.47	0
CO35628334	CO8179	14.43	3 1-	2ACSR	0	0	381	140	9	1	1	0.00	11.48	0
CO-2144764976	CO35628334	14.57	2 1-	2ACSR	0	0	375	139	0	0	0	0.00	11.48	0
CO-1271174837	CO35628334	14.46	1 1-	2ACSR	0	0	379	140	9	1	1	0.00	11.48	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7979	CO8094	14.39	1 1-	4ACSR	0	0	382	140	0	0	0	0.00	11.47	0
CO8036	CO7955	14.35	57 1-	4ACSR	0	0	384	140	224	33	24	0.17	11.63	65
CO8037	CO8036	14.49	57 1-	4ACSR	0	0	377	139	224	33	24	0.21	11.84	82
CO8031	CO8037	14.59	56 1-	4ACSR	0	0	372	139	221	32	23	0.15	11.98	57
CO8032	CO8031	14.67	56 1-	4ACSR	0	0	368	138	221	32	23	0.13	12.11	49
CO8033	CO8032	14.73	54 1-	4ACSR	0	0	366	137	216	32	23	0.08	12.19	30
CO8029	CO8033	14.77	50 1-	4ACSR	0	0	364	137	205	30	22	0.05	12.24	18
OC1554156365	CO8029	14.77	49 1-	20 N FUSE	0	0	364	137	201	29	150	0.00	12.24	0
CO8030	OC1554156365	14.82	49 1-	4ACSR	0	0	362	137	201	29	21	0.07	12.31	23
CO7986	CO8030	14.85	3 1-	4ACSR	0	0	361	137	9	1	1	0.00	12.31	0
CO8011	CO7986	14.92	2 1-	2ACSR	0	0	358	136	8	1	1	0.00	12.31	0
CO7985	CO8030	14.85	4 1-	4ACSR	0	0	361	137	16	2	2	0.00	12.31	0
CO7987	CO7985	14.91	1 1-	4ACSR	0	0	357	136	10	1	1	0.00	12.31	0
CO7957	CO8030	14.98	42 1-	4ACSR	0	0	355	136	176	26	19	0.20	12.50	61
CO8097	CO7957	15.08	2 1-	4ACSR	0	0	350	135	12	1	1	0.00	12.51	0
CO8098	CO8097	15.11	1 1-	4ACSR	0	0	349	135	2	0	0	0.00	12.51	0
CO7954	CO7957	15.05	40 1-	4ACSR	0	0	352	135	164	24	17	0.07	12.57	20
CO7981	CO7954	15.15	1 1-	4ACSR	0	0	347	134	5	0	1	0.00	12.57	0
CO7953	CO7954	15.10	38 1-	4ACSR	0	0	349	135	150	22	16	0.06	12.63	15
CO8042	CO7953	15.16	37 1-	4ACSR	0	0	347	134	142	21	15	0.05	12.68	13
CO8043	CO8042	15.19	36 1-	4ACSR	0	0	345	134	134	20	14	0.03	12.71	7
CO8044	CO8043	15.23	35 1-	4ACSR	0	0	344	134	131	19	14	0.03	12.74	6
OC-1739632166	CO8044	15.23	34 1-	20 N FUSE	0	0	344	134	128	19	96	0.00	12.74	0
CO7952	OC-1739632166	15.33	32 1-	4ACSR	0	0	340	133	123	18	13	0.09	12.83	19
CO8046	CO7952	15.38	31 1-	4ACSR	0	0	338	133	118	17	13	0.04	12.87	9
CO8144	CO8046	15.49	30 1-	4ACSR	0	0	333	132	115	17	12	0.08	12.95	17
CO8143	CO8144	15.53	30 1-	4ACSR	0	0	332	132	115	17	12	0.03	12.98	7
CO8109	CO8143	15.64	2 1-	4ACSR	0	0	328	131	5	0	1	0.00	12.99	0
CO8110	CO8109	15.73	2 1-	4ACSR	0	0	324	130	5	0	1	0.00	12.99	0
CO21124490	CO8143	15.61	2 1-	2ACSR	0	0	329	131	12	1	1	0.00	12.98	0
CO8063	CO8143	15.82	0 1-	4ACSR	0	0	321	130	0	0	0	0.00	12.98	0
CO8062	CO8063	15.97	0 1-	4ACSR	0	0	316	129	0	0	0	0.00	12.98	0
CO8060	CO8143	15.56	26 1-	4ACSR	0	0	331	132	98	14	11	0.02	13.00	3
CO8061	CO8060	15.80	25 1-	4ACSR	0	0	322	130	92	13	10	0.14	13.14	24
CO8099	CO8061	15.82	3 1-	4ACSR	0	0	321	130	3	0	0	0.00	13.14	0
CO8100	CO8099	15.86	1 1-	4ACSR	0	0	319	130	0	0	0	0.00	13.14	0
CO7997	CO8099	16.00	1 1-	4ACSR	0	0	314	129	1	0	0	0.00	13.14	0
CO8176	CO8061	16.35	22 1-	4ACSR	0	0	303	126	89	13	9	0.33	13.47	52
CO8180	CO8176	16.80	14 1-	4ACSR	0	0	288	124	45	6	5	0.13	13.60	11
OC-1863946926	CO8180	16.80	14 1-	20 N FUSE	0	0	288	124	45	6	33	0.00	13.60	0
CO8177	OC-1863946926	17.01	14 1-	4ACSR	0	0	282	122	45	6	5	0.06	13.66	5
OC954442585	CO8177	17.01	14 1-	20 N FUSE	0	0	282	122	45	6	33	0.00	13.66	0
CO8079	OC954442585	17.07	14 1-	4ACSR	0	0	280	122	45	6	5	0.02	13.68	0
CO8178	CO8079	17.26	12 1-	4ACSR	0	0	275	121	32	4	3	0.04	13.72	2
CO8064	CO8178	17.29	12 1-	4ACSR	0	0	274	121	32	4	3	0.01	13.73	0
CO8014	CO8064	17.34	11 1-	1/0PRIURD	0	0	273	193	31	4	3	0.00	13.73	0
CO8155	CO8014	17.42	11 1-	1/0PRIURD	0	0	272	192	31	4	3	0.01	13.74	0
CO8156	CO8155	17.47	9 1-	1/0PRIURD	0	0	271	192	28	4	3	0.00	13.74	0
CO8019	CO8156	17.51	7 1-	1/0PRIURD	0	0	270	191	17	2	2	0.00	13.74	0
CO8020	CO8019	17.56	6 1-	1/0PRIURD	0	0	270	191	11	1	1	0.00	13.74	0
CO8012	CO8020	17.62	1 1-	1/0PRIURD	0	0	269	191	0	0	0	0.00	13.74	0
CO8158	CO8020	17.61	5 1-	1/0PRIURD	0	0	269	191	11	1	1	0.00	13.74	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8021	CO8158	17.68	4 1-	1/0PRIURD	0	0	268	190	8	1	1	0.00	13.75	0
CO8159	CO8021	17.73	3 1-	1/0PRIURD	0	0	267	190	5	0	1	0.00	13.75	0
CO8022	CO8159	17.75	0 1-	1/0PRIURD	0	0	267	189	0	0	0	0.00	13.75	0
CO8023	CO8022	17.80	0 1-	1/0PRIURD	0	0	266	189	0	0	0	0.00	13.75	0
CO8024	CO8023	17.83	0 1-	1/0PRIURD	0	0	265	189	0	0	0	0.00	13.75	0
CO8160	CO8159	17.75	3 1-	1/0PRIURD	0	0	267	189	5	0	1	0.00	13.75	0
CO8025	CO8160	17.87	3 1-	1/0PRIURD	0	0	265	189	5	0	1	0.00	13.75	0
CO8026	CO8025	17.90	0 1-	1/0PRIURD	0	0	264	188	0	0	0	0.00	13.75	0
CO8157	CO8020	17.62	0 1-	1/0PRIURD	0	0	269	190	0	0	0	0.00	13.74	0
CO8028	CO8157	17.67	0 1-	1/0PRIURD	0	0	268	190	0	0	0	0.00	13.74	0
CO30705	CO8028	17.69	0 1-	1/0PRIURD	0	0	268	190	0	0	0	0.00	13.74	0
CO8153	CO8155	17.47	2 1-	1/0PRIURD	0	0	271	192	3	0	0	0.00	13.74	0
CO8016	CO8153	17.52	1 1-	1/0PRIURD	0	0	270	191	0	0	0	0.00	13.74	0
CO8017	CO8016	17.56	0 1-	1/0PRIURD	0	0	270	191	0	0	0	0.00	13.74	0
CO8018	CO8017	17.59	0 1-	1/0PRIURD	0	0	269	191	0	0	0	0.00	13.74	0
CO8154	CO8153	17.47	0 1-	1/0PRIURD	0	0	271	192	0	0	0	0.00	13.74	0
CO8015	CO8154	17.50	0 1-	1/0PRIURD	0	0	271	191	0	0	0	0.00	13.74	0
CO8150	CO8079	17.28	2 1-	4ACSR	0	0	274	121	12	1	1	0.02	13.70	0
CO8152	CO8150	17.30	2 1-	4ACSR	0	0	274	121	12	1	1	0.00	13.70	0
CO8151	CO8152	17.32	2 1-	4ACSR	0	0	273	121	12	1	1	0.00	13.70	0
CO8059	CO8151	17.40	1 1-	4ACSR	0	0	271	120	1	0	0	0.00	13.70	0
CO7967	CO8176	16.62	7 1-	4ACSR	0	0	294	125	44	6	5	0.08	13.55	6
CO8010	CO7967	16.69	7 1-	4ACSR	0	0	292	124	44	6	5	0.02	13.57	0
CO8125	CO8010	16.74	5 1-	2ACSR	0	0	290	124	38	5	3	0.01	13.58	0
CO8127	CO8125	16.81	4 1-	2ACSR	0	0	289	124	35	5	3	0.01	13.59	0
CO8128	CO8127	16.88	3 1-	2ACSR	0	0	287	123	25	3	2	0.01	13.60	0
CO8131	CO8128	17.01	2 1-	2ACSR	0	0	284	123	17	2	1	0.01	13.61	0
CO8129	CO8131	17.03	2 1-	2ACSR	0	0	283	123	17	2	1	0.00	13.61	0
CO2011714091	CO8129	17.11	2 1-	2ACSR	0	0	282	123	17	2	1	0.01	13.62	0
CO-2018943446	CO2011714091	17.21	0 1-	2ACSR	0	0	279	122	0	0	0	0.00	13.62	0
CO-277186210	CO2011714091	17.19	2 1-	2ACSR	0	0	280	122	17	2	1	0.00	13.62	0
CO659471031	CO8128	16.92	1 1-	2ACSR	0	0	286	123	8	1	1	0.00	13.60	0
CO8126	CO8127	16.87	1 1-	2ACSR	0	0	287	124	9	1	1	0.00	13.59	0
CO8124	CO8125	16.82	1 1-	2ACSR	0	0	288	124	3	0	0	0.00	13.58	0
CO8009	CO7967	16.74	0 1-	4ACSR	0	0	290	124	0	0	0	0.00	13.55	0
CO7983	CO7952	15.41	1 1-	4ACSR	0	0	337	133	5	0	1	0.00	12.83	0
CO8096	OC-1739632166	15.30	2 1-	4ACSR	0	0	341	133	5	0	0	0.00	12.74	0
CO8095	CO8096	15.34	2 1-	4ACSR	0	0	340	133	5	0	0	0.00	12.74	0
CO7982	CO7953	15.16	1 1-	4ACSR	0	0	347	134	8	1	1	0.00	12.63	0
CO7958	CO8033	14.80	3 1-	4ACSR	0	0	363	137	8	1	1	0.00	12.19	0
CO8102	CO7958	14.86	2 1-	4ACSR	0	0	360	137	3	0	0	0.00	12.19	0
CO8101	CO8102	14.88	1 1-	4ACSR	0	0	359	136	0	0	0	0.00	12.19	0
CO8040	CO7958	15.00	1 1-	4ACSR	0	0	354	136	6	0	1	0.00	12.20	0
CO8168	CO8040	15.10	0 1-	4ACSR	0	0	349	135	0	0	0	0.00	12.20	0
SW214-B	CO8168	15.10	0 1-	Open	0	0	349	135	0	0	0	0.00	12.20	0
CO-1381611796	CO8031	14.59	0 1-	2ACSR	0	0	372	138	0	0	0	0.00	11.98	0
CO733768068	CO-1381611796	14.68	0 1-	2ACSR	0	0	369	138	0	0	0	0.00	11.98	0
CO7980	CO7950	14.07	1 1-	4ACSR	0	0	398	143	2	0	0	0.00	11.13	0
CO15553	CO15740	13.52	4 1-	4ACSR	0	0	429	147	16	2	2	0.00	10.13	0
CO492492742	CO15553	13.52	4 1-	2ACSR	0	0	428	147	16	2	1	0.00	10.13	0
CO15855	CO492492742	13.59	4 1-	4ACSR	0	0	424	146	16	2	2	0.01	10.13	0
CO15692	CO15855	13.72	4 1-	4ACSR	0	0	417	145	16	2	2	0.01	10.15	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15693	CO15692	13.78	4 1-	4ACSR	0	0	414	145	16	2	2	0.01	10.15	0
CO15694	CO15693	13.85	2 1-	4ACSR	0	0	410	144	13	1	1	0.00	10.16	0
CO15648	CO15855	13.76	0 1-	4ACSR	0	0	415	145	0	0	0	0.00	10.13	0
#SW1132832893-B	CO15648	13.76	0 1-	Open	0	0	415	145	0	0	0	0.00	10.13	0
CO15598	CO15638	13.18	1 1-	4ACSR	0	0	449	150	12	1	1	0.00	9.46	0
CO15784	CO30622	12.62	6 1-	4ACSR	0	0	486	155	28	4	3	0.01	8.30	0
CO15785	CO15784	12.73	4 1-	4ACSR	0	0	478	154	13	1	1	0.00	8.30	0
CO15783	CO15785	12.79	0 1-	4ACSR	0	0	474	153	0	0	0	0.00	8.30	0
CO30620	CO15782	12.35	2 1-	4ACSR	0	0	505	158	15	2	2	0.00	7.50	0
CO15611+	CO15659	11.63	2 1-	4ACSR	0	0	663	269	9	0	0	0.00	4.45	0
CO-182059144+	CO15611	11.69	1 1-	2ACSR	0	0	660	268	7	0	0	0.00	4.45	0
CO15547+	CO15635	11.57	148 3-	4/0ACSR	867	817	675	271	695	16	5	0.01	4.37	14
CO-2051357525+	CO15547	11.67	146 3-	2ACSR	859	810	668	270	690	16	9	0.02	4.39	24
CO1821471151+	CO-2051357525	11.69	145 3-	2ACSR	858	809	667	270	678	15	9	0.00	4.39	5
CO15589+	CO1821471151	11.73	1 1-	4ACSR	0	0	664	270	7	0	0	0.00	4.39	0
OC35528676+	CO15589	11.73	0 1-	20 N FUSE	0	0	664	270	0	0	0	0.00	4.39	0
CO15824+	CO1821471151	11.76	144 3-	4/0ACSR	855	806	664	270	670	15	5	0.01	4.40	5
CO15615+	CO15824	11.80	1 1-	2ACSR	0	0	662	269	9	0	0	0.00	4.40	0
OC1377302506+	CO15615	11.80	0 1-	20 N FUSE	0	0	662	269	0	0	0	0.00	4.40	0
CO15823+	CO15824	11.79	143 3-	4/0ACSR	853	805	663	270	661	15	5	0.00	4.40	0
CO15758+	CO15823	11.83	138 3-	4/0ACSR	852	803	662	270	648	15	4	0.00	4.40	2
CO15760+	CO15758	11.88	138 3-	4/0ACSR	849	801	660	269	648	15	4	0.00	4.41	3
CO15759+	CO15760	11.95	137 3-	4/0ACSR	846	798	657	269	639	14	4	0.01	4.41	5
CO15629+	CO15759	12.18	74 3-	4/0ACSR	836	788	648	268	382	8	3	0.01	4.42	5
CO15764+	CO15629	12.28	74 3-	4/0ACSR	832	784	644	267	382	8	3	0.00	4.43	2
CO15763+	CO15764	12.39	74 3-	4/0ACSR	827	779	640	267	381	8	3	0.01	4.43	3
CO15765+	CO15763	12.49	70 3-	4/0ACSR	823	775	636	266	370	8	3	0.00	4.43	0
CO15834+	CO15765	12.55	69 3-	4/0ACSR	820	773	634	266	364	8	2	0.00	4.44	0
CO15616+	CO15834	12.62	1 1-	2ACSR	0	0	630	265	6	0	0	0.00	4.44	0
OC176827358+	CO15616	12.62	0 1-	20 N FUSE	0	0	630	265	0	0	0	0.00	4.44	0
CO15833+	CO15834	12.57	67 3-	4/0ACSR	819	772	633	266	348	8	2	0.00	4.44	0
CO15766+	CO15833	12.62	67 3-	4/0ACSR	817	770	631	266	348	8	2	0.00	4.44	0
CO15591+	CO15766	12.67	3 1-	4ACSR	0	0	628	265	0	0	0	0.00	4.44	0
OC-770949565+	CO15591	12.67	0 1-	20 N FUSE	0	0	628	265	0	0	0	0.00	4.44	0
CO15549+	CO15766	12.72	63 3-	4/0ACSR	813	766	628	265	346	8	2	0.00	4.44	0
CO15626+	CO15549	12.80	23 3-	4/0ACSR	810	763	625	265	110	2	1	0.00	4.44	0
CO15862+	CO15626	12.89	21 3-	4/0ACSR	806	759	622	264	98	2	1	0.00	4.45	0
CO15732+	CO15862	12.99	19 3-	4/0ACSR	802	756	618	264	95	2	1	0.00	4.45	0
CO15731+	CO15732	13.02	19 3-	4/0ACSR	801	754	617	264	95	2	1	0.00	4.45	0
CO15539+	CO15731	13.11	17 3-	4/0ACSR	797	751	614	263	92	2	1	0.00	4.45	0
CO15623+	CO15539	13.25	7 3-	4/0ACSR	792	746	609	263	47	1	0	0.00	4.45	0
CO15622+	CO15623	13.30	7 3-	4/0ACSR	790	744	608	262	47	1	0	0.00	4.45	0
CO15580+	CO15622	13.46	1 1-	4ACSR	0	0	598	260	27	1	1	0.01	4.46	0
OC1753016893+	CO15580	13.46	1 1-	20 N FUSE	0	0	598	260	27	1	9	0.00	4.46	0
CO15837+	OC1753016893	13.49	1 1-	1/0PRIURD	0	0	597	427	27	1	1	0.00	4.46	0
CO15540+	CO15622	13.41	6 3-	4/0ACSR	786	740	604	262	20	0	0	0.00	4.45	0
CO15710+	CO15540	13.58	3 3-	4/0ACSR	779	734	598	261	19	0	0	0.00	4.45	0
CO15709+	CO15710	13.63	3 3-	4/0ACSR	778	732	597	261	19	0	0	0.00	4.45	0
CO15756+	CO15709	13.73	2 1-	4ACSR	0	0	591	260	9	0	0	0.00	4.45	0
OC328851662+	CO15756	13.73	1 1-	20 N FUSE	0	0	591	260	7	0	2	0.00	4.45	0
CO15757+	OC328851662	13.78	1 1-	4ACSR	0	0	588	259	7	0	0	0.00	4.45	0
CO2138805082+	CO15757	13.79	1 1-	2ACSR	0	0	587	259	7	0	0	0.00	4.45	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1597359425+	CO2138805082	13.85	1 1-	2ACSR	0	0	585	258	7	0	0	0.00	4.45	0
CO155781123+	CO2138805082	13.83	0 1-	2ACSR	0	0	586	258	0	0	0	0.00	4.45	0
CO15712+	CO15709	13.72	1 3-	4/0ACSR	774	729	594	261	10	0	0	0.00	4.45	0
CO30696+	CO15712	13.81	1 3-	4/0ACSR	771	725	591	260	10	0	0	0.00	4.45	0
CO15711+	CO30696	13.82	1 3-	4/0ACSR	770	725	591	260	10	0	0	0.00	4.45	0
CO15576+	CO15711	13.87	1 1-	4ACSR	0	0	587	259	10	0	0	0.00	4.45	0
OC1606187322+	CO15576	13.87	0 1-	20 N FUSE	0	0	587	259	0	0	0	0.00	4.45	0
CO15538+	CO15711	13.92	0 3-	4/0ACSR	767	722	587	260	0	0	0	0.00	4.45	0
CO15577+	CO15538	14.01	0 1-	4ACSR	0	0	583	258	0	0	0	0.00	4.45	0
CO15852+	CO15538	14.06	0 3-	4/0ACSR	762	717	583	259	0	0	0	0.00	4.45	0
CO15829+	CO15540	13.56	3 1-	4ACSR	0	0	595	260	2	0	0	0.00	4.45	0
OC-1185210042+	CO15829	13.56	3 1-	20 N FUSE	0	0	595	260	2	0	1	0.00	4.45	0
CO15581+	OC-1185210042	13.62	1 1-	4ACSR	0	0	591	259	0	0	0	0.00	4.45	0
CO15830+	OC-1185210042	13.60	2 1-	4ACSR	0	0	593	259	1	0	0	0.00	4.45	0
CO15579+	CO15539	13.23	1 1-	4ACSR	0	0	607	262	7	0	0	0.00	4.45	0
OC695745074+	CO15579	13.23	0 1-	20 N FUSE	0	0	607	262	0	0	0	0.00	4.45	0
CO15806+	CO15539	13.19	9 1-	4ACSR	0	0	609	262	38	2	2	0.00	4.45	0
OC2085677322+	CO15806	13.19	8 1-	20 N FUSE	0	0	609	262	33	2	12	0.00	4.45	0
CO15807+	OC2085677322	13.22	8 1-	4ACSR	0	0	607	262	33	2	2	0.00	4.45	0
CO15750+	CO15807	13.26	7 1-	4ACSR	0	0	605	261	24	1	1	0.00	4.45	0
CO15751+	CO15750	13.29	4 1-	4ACSR	0	0	603	261	10	0	1	0.00	4.46	0
CO15672+	CO15751	13.35	4 1-	4ACSR	0	0	599	260	10	0	1	0.00	4.46	0
CO15832+	CO15672	13.40	1 1-	4ACSR	0	0	596	260	1	0	0	0.00	4.46	0
CO15701+	CO15832	13.46	1 1-	4ACSR	0	0	592	259	1	0	0	0.00	4.46	0
CO15831+	CO15672	13.39	3 1-	4ACSR	0	0	597	260	10	0	0	0.00	4.46	0
CO15617+	CO15750	13.28	1 1-	2ACSR	0	0	604	261	1	0	0	0.00	4.45	0
CO15578+	CO15862	12.99	1 1-	4ACSR	0	0	615	263	0	0	0	0.00	4.45	0
OC-787997301+	CO15578	12.99	0 1-	20 N FUSE	0	0	615	263	0	0	0	0.00	4.45	0
CO15836+	CO15862	12.99	1 1-	4ACSR	0	0	615	263	3	0	0	0.00	4.45	0
OC254400226+	CO15836	12.99	0 1-	20 N FUSE	0	0	615	263	0	0	0	0.00	4.45	0
CO15847+	CO15549	12.72	39 1-	4ACSR	0	0	628	265	230	16	12	0.00	4.45	0
OC474+	CO15847	12.72	39 1-	35 E OCR	0	0	628	265	230	16	46	0.00	4.45	0
CO15848+	OC474	12.81	39 1-	4ACSR	0	0	622	264	230	16	12	0.03	4.48	12
CO15741+	CO15848	12.82	17 1-	4ACSR	0	0	621	264	81	5	4	0.00	4.48	0
CO15742+	CO15741	12.89	16 1-	4ACSR	0	0	616	263	77	5	4	0.01	4.49	0
CO15800+	CO15742	12.95	15 1-	4ACSR	0	0	613	262	71	5	4	0.01	4.49	0
CO15801+	CO15800	13.07	14 1-	4ACSR	0	0	605	260	71	4	4	0.01	4.51	0
CO15632+	CO15801	13.10	14 1-	4ACSR	0	0	604	260	71	4	4	0.00	4.51	0
CO15630+	CO15632	13.17	12 1-	4ACSR	0	0	599	259	63	4	3	0.01	4.52	0
CO15631+	CO15630	13.22	12 1-	4ACSR	0	0	596	258	63	4	3	0.00	4.52	0
CO15769+	CO15631	13.25	6 1-	4ACSR	0	0	594	258	37	2	2	0.00	4.52	0
CO15770+	CO15769	13.29	5 1-	4ACSR	0	0	591	257	35	2	2	0.00	4.53	0
CO15771+	CO15770	13.33	4 1-	4ACSR	0	0	589	257	27	1	1	0.00	4.53	0
CO15772+	CO15771	13.41	2 1-	4ACSR	0	0	585	256	8	0	0	0.00	4.53	0
CO15713+	CO15772	13.44	1 1-	4ACSR	0	0	583	255	0	0	0	0.00	4.53	0
CO15594+	CO15632	13.15	1 1-	4ACSR	0	0	601	259	0	0	0	0.00	4.51	0
CO15551+	CO15848	12.96	21 1-	4ACSR	0	0	612	262	144	10	7	0.03	4.51	8
CO15773+	CO15551	13.05	16 1-	4ACSR	0	0	607	261	119	8	6	0.02	4.53	3
CO15774+	CO15773	13.17	15 1-	4ACSR	0	0	599	259	113	7	6	0.02	4.55	3
CO15775+	CO15774	13.28	11 1-	4ACSR	0	0	592	258	81	5	4	0.01	4.56	0
CO15776+	CO15775	13.34	7 1-	4ACSR	0	0	589	257	45	3	2	0.00	4.56	0
CO15743+	CO15776	13.41	3 1-	4ACSR	0	0	584	256	19	1	1	0.00	4.56	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15684+	CO15551	13.02	4 1-	4ACSR	0	0	609	261	18	1	1	0.00	4.51	0
CO15767+	CO15684	13.05	3 1-	4ACSR	0	0	607	261	17	1	1	0.00	4.51	0
CO15768+	CO15767	13.11	2 1-	4ACSR	0	0	603	260	13	0	1	0.00	4.51	0
CO15596+	CO15551	13.04	0 1-	4ACSR	0	0	607	261	0	0	0	0.00	4.51	0
CO15811+	CO15763	12.44	3 1-	4ACSR	0	0	636	266	11	0	1	0.00	4.43	0
OC-1372524174+	CO15811	12.44	2 1-	20 N FUSE	0	0	636	266	5	0	2	0.00	4.43	0
CO15612+	OC-1372524174	12.47	1 1-	4ACSR	0	0	635	266	5	0	0	0.00	4.43	0
CO15812+	OC-1372524174	12.47	1 1-	4ACSR	0	0	635	266	0	0	0	0.00	4.43	0
CO15590+	CO15759	12.01	2 1-	4ACSR	0	0	653	268	7	0	0	0.00	4.41	0
CO15550+	CO15759	12.01	60 1-	4ACSR	0	0	653	268	251	17	13	0.02	4.43	9
CO15595+	CO15550	12.05	2 1-	4ACSR	0	0	649	267	10	0	0	0.00	4.43	0
CO15842+	CO15550	12.01	58 1-	4ACSR	0	0	652	268	241	16	12	0.00	4.44	0
OC471+	CO15842	12.01	58 1-	50 E OCR	0	0	652	268	241	16	34	0.00	4.44	0
CO15843+	OC471	12.06	58 1-	4ACSR	0	0	649	267	241	16	12	0.02	4.46	8
CO15761+	CO15843	12.08	58 1-	4ACSR	0	0	647	267	241	16	12	0.01	4.46	3
XFMR91	CO15761	12.08	57 1-	333 KVA 1PH AUT	0	0	692	165	240	16	73	0.63	5.09	0
CO15762	XFMR91	12.13	57 1-	4ACSR	0	0	686	164	240	33	24	0.08	5.17	31
CO30618	CO15762	12.19	56 1-	4ACSR	0	0	677	164	238	33	24	0.10	5.27	39
CO25542	CO30618	12.40	56 1-	4ACSR	0	0	650	161	238	33	24	0.31	5.58	120
CO25541	CO25542	12.55	54 1-	4ACSR	0	0	632	160	224	31	23	0.21	5.79	79
CO25530	CO25541	12.65	4 1-	4ACSR	0	0	620	159	20	2	2	0.01	5.80	0
CO25627	CO25530	12.70	3 1-	4ACSR	0	0	614	159	15	2	2	0.00	5.81	0
CO25628	CO25627	12.75	2 1-	4ACSR	0	0	609	158	12	1	1	0.00	5.81	0
CO25531	CO25530	12.75	1 1-	4ACSR	0	0	608	158	5	0	0	0.00	5.81	0
CO25528	CO25541	12.62	50 1-	4ACSR	0	0	624	159	204	28	21	0.09	5.88	31
CO25529	CO25528	12.69	50 1-	4ACSR	0	0	615	159	204	28	21	0.09	5.98	32
CO25527	CO25529	12.73	48 1-	4ACSR	0	0	611	158	189	26	19	0.05	6.02	15
CO25581	CO25527	12.77	48 1-	4ACSR	0	0	607	158	189	26	19	0.04	6.07	13
CO25582	CO25581	12.90	47 1-	4ACSR	0	0	591	157	189	26	19	0.16	6.23	52
CO25657	CO25582	12.98	46 1-	4ACSR	0	0	582	156	179	25	18	0.09	6.33	28
CO25583	CO25657	13.18	46 1-	4ACSR	0	0	562	154	179	25	18	0.22	6.55	67
CO25532	CO25583	13.21	4 1-	4ACSR	0	0	558	154	22	3	2	0.01	6.56	0
CO25533	CO25532	13.41	3 1-	4ACSR	0	0	539	152	22	3	2	0.02	6.57	0
CO25534	CO25533	13.45	2 1-	4ACSR	0	0	535	152	9	1	1	0.00	6.58	0
CO25535	CO25534	13.49	2 1-	4ACSR	0	0	531	151	9	1	1	0.00	6.58	0
CO25436	CO25583	13.25	42 1-	4ACSR	0	0	555	153	156	22	16	0.07	6.62	19
CO25539	CO25436	13.29	42 1-	4ACSR	0	0	551	153	156	22	16	0.04	6.66	11
OC1196531493	CO25539	13.29	41 1-	20 N FUSE	0	0	551	153	150	21	107	0.00	6.66	0
CO25540	OC1196531493	13.32	41 1-	4ACSR	0	0	548	153	150	21	15	0.03	6.69	7
CO25468	CO25540	13.37	1 1-	4ACSR	0	0	543	152	12	1	1	0.00	6.69	0
CO25433	CO25540	13.44	40 1-	4ACSR	0	0	536	152	138	19	14	0.11	6.80	25
CO25629	CO25433	13.65	2 1-	4ACSR	0	0	517	150	9	1	1	0.01	6.81	0
CO25543	CO25433	13.63	1 1-	4ACSR	0	0	518	150	9	1	1	0.01	6.81	0
CO-1888691206	CO25543	13.69	1 1-	2ACSR	0	0	514	150	9	1	1	0.00	6.81	0
CO-1254569879	CO-1888691206	13.75	1 1-	2ACSR	0	0	509	149	9	1	1	0.00	6.82	0
CO-1349707996	CO-1888691206	13.80	0 1-	2ACSR	0	0	506	149	0	0	0	0.00	6.81	0
CO25434	CO25433	13.50	37 1-	4ACSR	0	0	530	151	120	17	12	0.04	6.85	9
CO25658	CO25434	13.83	36 1-	4ACSR	0	0	501	148	118	16	12	0.25	7.10	50
CO25660	CO25658	13.89	36 1-	4ACSR	0	0	495	148	118	16	12	0.05	7.15	10
CO25659	CO25660	13.95	36 1-	4ACSR	0	0	490	147	118	16	12	0.05	7.19	9
CO25599	CO25659	14.00	34 1-	4ACSR	0	0	486	147	113	16	12	0.03	7.23	6
CO25471	CO25599	14.06	2 1-	4ACSR	0	0	482	146	6	0	1	0.00	7.23	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25435	CO25599	14.05	30 1-	4ACSR	0	0	482	146	107	15	11	0.04	7.26	6
CO25679	CO25435	14.06	28 1-	4ACSR	0	0	482	146	102	14	10	0.00	7.26	0
OC776	CO25679	14.06	28 1-	35 H OCR	0	0	482	146	102	14	42	0.00	7.26	0
CO25680	OC776	14.08	28 1-	4ACSR	0	0	480	146	102	14	10	0.01	7.28	2
CO25662	CO25680	14.25	28 1-	4ACSR	0	0	467	145	102	14	10	0.11	7.39	19
CO25546	CO25662	14.34	28 1-	4ACSR	0	0	460	144	102	14	10	0.06	7.46	11
CO25602	CO25546	14.44	25 1-	4ACSR	0	0	452	143	101	14	10	0.06	7.52	11
CO25603	CO25602	14.49	24 1-	4ACSR	0	0	449	143	92	13	9	0.03	7.55	5
CO25547	CO25603	14.52	24 1-	4ACSR	0	0	447	143	92	13	9	0.02	7.56	2
CO25548	CO25547	14.62	24 1-	4ACSR	0	0	440	142	92	13	9	0.06	7.63	10
CO25685	CO25548	14.98	23 1-	4ACSR	0	0	416	139	92	13	9	0.22	7.84	34
CO25619	CO25685	15.20	22 1-	4ACSR	0	0	403	137	83	12	9	0.12	7.96	17
CO25620	CO25619	15.27	20 1-	4ACSR	0	0	399	137	82	11	8	0.03	8.00	5
CO25655	CO25620	15.32	13 1-	4ACSR	0	0	396	137	53	7	5	0.02	8.01	0
CO25656	CO25655	15.50	13 1-	4ACSR	0	0	386	135	53	7	5	0.06	8.08	6
CO25618	CO25656	15.57	13 1-	4ACSR	0	0	382	135	53	7	5	0.02	8.10	0
CO30369	CO25618	15.69	12 1-	4ACSR	0	0	376	134	53	7	5	0.04	8.14	4
CO25838	CO30369	15.78	1 1-	4ACSR	0	0	371	133	7	1	1	0.00	8.15	0
CO30368	CO30369	15.87	7 1-	4ACSR	0	0	366	133	36	5	4	0.04	8.19	2
OC-81701200	CO30368	15.87	6 1-	20 N FUSE	0	0	366	133	34	4	25	0.00	8.19	0
CO25568	OC-81701200	15.93	6 1-	4ACSR	0	0	364	132	34	4	4	0.01	8.20	0
CO25569	CO25568	16.02	6 1-	4ACSR	0	0	359	132	34	4	4	0.02	8.22	0
CO25651	CO25569	16.12	6 1-	4ACSR	0	0	355	131	34	4	4	0.02	8.24	0
CO25652	CO25651	16.16	6 1-	4ACSR	0	0	353	131	34	4	4	0.01	8.25	0
CO30366	CO25652	16.25	6 1-	4ACSR	0	0	349	130	34	4	4	0.02	8.27	0
CO25985	CO30366	16.34	1 1-	4ACSR	0	0	345	130	8	1	1	0.00	8.28	0
CO25986	CO25985	16.36	1 1-	4ACSR	0	0	343	129	8	1	1	0.00	8.28	0
CO25989	CO25986	16.40	0 1-	4ACSR	0	0	342	129	0	0	0	0.00	8.28	0
CO25990	CO25989	16.46	0 1-	4ACSR	0	0	339	129	0	0	0	0.00	8.28	0
CO25991	CO25990	16.50	0 1-	4ACSR	0	0	338	129	0	0	0	0.00	8.28	0
CO25987	CO25986	16.48	1 1-	4ACSR	0	0	339	129	8	1	1	0.01	8.28	0
CO25988	CO25987	16.54	1 1-	4ACSR	0	0	336	128	8	1	1	0.00	8.28	0
CO25984	CO30366	16.35	5 1-	4ACSR	0	0	344	130	27	3	3	0.01	8.28	0
CO30367	CO25984	16.44	3 1-	4ACSR	0	0	340	129	17	2	2	0.01	8.29	0
CO25572	CO30367	16.53	0 1-	4ACSR	0	0	336	128	0	0	0	0.00	8.29	0
CO25487	CO25572	16.60	0 1-	4ACSR	0	0	333	128	0	0	0	0.00	8.29	0
CO25486	CO25572	16.62	0 1-	4ACSR	0	0	333	128	0	0	0	0.00	8.29	0
CO25485	CO25652	16.25	0 1-	4ACSR	0	0	349	130	0	0	0	0.00	8.25	0
CO25492	CO25569	16.15	0 1-	4ACSR	0	0	353	131	0	0	0	0.00	8.22	0
CO25982	CO30369	15.87	4 1-	4ACSR	0	0	367	133	9	1	1	0.01	8.16	0
CO25983	CO25982	16.07	4 1-	4ACSR	0	0	357	131	9	1	1	0.01	8.16	0
CO25837	CO25983	16.43	1 1-	4ACSR	0	0	341	129	2	0	0	0.00	8.17	0
CO25980	CO25983	16.14	2 1-	4ACSR	0	0	354	131	2	0	0	0.00	8.16	0
CO25981	CO25980	16.17	1 1-	4ACSR	0	0	352	131	0	0	0	0.00	8.16	0
CO25482	CO25620	15.44	0 1-	4ACSR	0	0	389	136	0	0	0	0.00	8.00	0
CO25442	CO25620	15.31	7 1-	4ACSR	0	0	396	137	29	4	3	0.01	8.01	0
CO25566	CO25442	15.34	6 1-	4ACSR	0	0	395	136	19	2	2	0.00	8.01	0
OC-1853630144	CO25566	15.34	6 1-	20 N FUSE	0	0	395	136	19	2	14	0.00	8.01	0
CO25567	OC-1853630144	15.41	6 1-	4ACSR	0	0	391	136	19	2	2	0.01	8.02	0
CO25621	CO25567	15.43	6 1-	4ACSR	0	0	390	136	19	2	2	0.00	8.02	0
CO25622	CO25621	15.67	5 1-	4ACSR	0	0	377	134	14	1	1	0.02	8.04	0
CO25623	CO25622	15.79	4 1-	4ACSR	0	0	371	133	10	1	1	0.01	8.05	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25441	CO25623	15.94	3 1-	4ACSR	0	0	363	132	10	1	1	0.01	8.06	0
CO25570	CO25441	16.15	2 1-	4ACSR	0	0	353	131	8	1	1	0.01	8.07	0
CO25571	CO25570	16.20	1 1-	4ACSR	0	0	351	131	7	1	1	0.00	8.07	0
CO25483	CO25441	16.01	1 1-	4ACSR	0	0	360	132	3	0	0	0.00	8.06	0
CO25484	CO25623	15.89	1 1-	4ACSR	0	0	366	133	0	0	0	0.00	8.05	0
CO25489	CO25567	15.51	0 1-	4ACSR	0	0	386	135	0	0	0	0.00	8.02	0
CO25488	CO25442	15.44	1 1-	4ACSR	0	0	389	136	10	1	1	0.00	8.01	0
CO25481	CO25685	15.08	1 1-	4ACSR	0	0	410	138	9	1	1	0.00	7.85	0
CO25474	CO25548	14.72	0 1-	4ACSR	0	0	433	141	0	0	0	0.00	7.63	0
CO25473	CO25548	14.71	0 1-	4ACSR	0	0	434	141	0	0	0	0.00	7.63	0
CO25472	CO25548	14.74	1 1-	4ACSR	0	0	431	141	0	0	0	0.00	7.63	0
CO25600	CO25546	14.38	3 1-	4ACSR	0	0	457	144	1	0	0	0.00	7.46	0
CO25601	CO25600	14.49	2 1-	4ACSR	0	0	449	143	0	0	0	0.00	7.46	0
CO25598	CO25435	14.17	1 1-	4ACSR	0	0	473	145	5	0	1	0.00	7.26	0
CO25681	CO25598	14.30	0 1-	4ACSR	0	0	463	144	0	0	0	0.00	7.26	0
CO25682	CO25681	14.31	0 1-	4ACSR	0	0	462	144	0	0	0	0.00	7.26	0
CO25470	CO25434	13.59	1 1-	4ACSR	0	0	522	150	2	0	0	0.00	6.85	0
CO25536	CO25436	13.31	0 1-	4ACSR	0	0	549	153	0	0	0	0.00	6.62	0
CO25538	CO25536	13.33	0 1-	2ACSR	0	0	547	153	0	0	0	0.00	6.62	0
CO25537	CO25536	13.32	0 1-	4ACSR	0	0	547	153	0	0	0	0.00	6.62	0
CO469768732	CO25582	13.03	1 1-	2ACSR	0	0	579	156	9	1	1	0.00	6.23	0
CO25469	CO25529	12.80	1 1-	4ACSR	0	0	603	158	9	1	1	0.00	5.98	0
CO15844+	CO15823	11.79	5 1-	6ACWC	0	0	663	270	14	0	1	0.00	4.40	0
OC472+	CO15844	11.79	5 1-	10 N FUSE	0	0	663	270	14	0	10	0.00	4.40	0
CO15845+	OC472	11.86	5 1-	6ACWC	0	0	658	269	14	0	1	0.00	4.40	0
CO15736+	CO15845	11.92	4 1-	6ACWC	0	0	654	268	14	0	1	0.00	4.40	0
CO15627+	CO15736	11.94	1 1-	6ACWC	0	0	652	268	0	0	0	0.00	4.40	0
CO15628+	CO15627	12.26	1 1-	6ACWC	0	0	630	263	0	0	0	0.00	4.40	0
CO15593+	CO15628	12.32	1 1-	6ACWC	0	0	626	262	0	0	0	0.00	4.40	0
CO15592+	CO15628	12.37	0 1-	6ACWC	0	0	622	262	0	0	0	0.00	4.40	0
CO15610+	CO15736	11.95	2 1-	4ACSR	0	0	651	267	5	0	0	0.00	4.40	0
CO-2135879147+	CO-2051357525	11.70	1 1-	2ACSR	0	0	667	270	12	0	0	0.00	4.39	0
CO15588+	CO15547	11.65	1 1-	4ACSR	0	0	669	270	3	0	0	0.00	4.37	0
OC-1177885129+	CO15588	11.65	0 1-	20 N FUSE	0	0	669	270	0	0	0	0.00	4.37	0
CO25554+	CO25438	11.30	2 1-	4ACSR	0	0	682	272	17	1	1	0.00	4.33	0
OC-401239478+	CO25554	11.30	1 1-	20 N FUSE	0	0	682	272	10	0	4	0.00	4.33	0
CO25555+	OC-401239478	11.40	1 1-	4ACSR	0	0	675	271	10	0	1	0.00	4.33	0
CO25491+	CO25636	10.72	3 1-	4ACSR	0	0	711	275	15	1	1	0.00	4.25	0
CO25633+	CO25638	10.67	3 1-	4ACSR	0	0	711	275	11	0	1	0.00	4.24	0
OC-426114774+	CO25633	10.67	2 1-	20 N FUSE	0	0	711	275	7	0	2	0.00	4.24	0
CO25634+	OC-426114774	10.72	1 1-	4ACSR	0	0	707	274	7	0	0	0.00	4.24	0
CO25632+	OC-426114774	10.71	1 1-	2ACSR	0	0	708	275	0	0	0	0.00	4.24	0
CO25556+	CO25632	10.75	1 1-	2ACSR	0	0	706	274	0	0	0	0.00	4.24	0
CO18339+	CO18501	9.18	1 1-	4ACSR	0	0	785	282	0	0	0	0.00	3.99	0
OC-1285291884+	CO18339	9.18	0 1-	20 N FUSE	0	0	785	282	0	0	0	0.00	3.99	0
CO18499+	CO18497	8.83	2 1-	4ACSR	0	0	809	285	1	0	0	0.00	3.95	0
OC-1516141742+	CO18499	8.83	1 1-	20 N FUSE	0	0	809	285	0	0	0	0.00	3.95	0
CO18500+	OC-1516141742	8.97	1 1-	4ACSR	0	0	793	283	0	0	0	0.00	3.95	0
CO18492+	CO18488	8.25	3 1-	4ACSR	0	0	845	288	17	1	1	0.00	3.85	0
OC107944535+	CO18492	8.25	2 1-	20 N FUSE	0	0	845	288	17	1	6	0.00	3.85	0
CO18493+	OC107944535	8.28	2 1-	4ACSR	0	0	842	287	17	1	1	0.00	3.85	0
CO18475+	CO18493	8.30	2 1-	4ACSR	0	0	839	287	17	1	1	0.00	3.86	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18476+	CO18475	8.30	1 1-	4ACSR	0	0	839	287	11	0	1	0.00	3.86	0
CO18423+	CO18476	8.38	1 1-	4ACSR	0	0	830	286	11	0	1	0.00	3.86	0
CO18340+	CO18475	8.33	1 1-	4ACSR	0	0	836	287	6	0	0	0.00	3.86	0
CO18341+	CO18490	8.18	1 1-	4ACSR	0	0	849	288	10	0	0	0.00	3.84	0
OC-587796621+	CO18341	8.18	0 1-	20 N FUSE	0	0	849	288	0	0	0	0.00	3.84	0
CO18484+	CO18315	8.06	55 1-	4ACSR	0	0	859	289	190	13	9	0.01	3.83	2
XFMR92	CO18484	8.06	53 1-	333 KVA 1PH AUT	0	0	793	168	184	12	56	0.47	4.30	0
CO18519	XFMR92	8.17	53 1-	4ACSR	0	0	775	167	184	25	18	0.13	4.42	38
CO18520	CO18519	8.21	52 1-	4ACSR	0	0	768	167	182	25	18	0.05	4.47	15
CO18587	CO18520	8.22	52 1-	4ACSR	0	0	766	167	182	25	18	0.01	4.48	2
OC554	CO18587	8.22	52 1-	25 H OCR	0	0	766	167	182	25	102	0.00	4.48	0
CO18588	OC554	8.25	52 1-	4ACSR	0	0	762	166	182	25	18	0.04	4.52	10
CO18575	CO18588	8.34	51 1-	4ACSR	0	0	746	165	182	25	18	0.11	4.62	32
CO18576	CO18575	8.36	51 1-	4ACSR	0	0	744	165	182	25	18	0.02	4.64	5
CO18515	CO18576	8.41	47 1-	4ACSR	0	0	736	165	166	23	17	0.05	4.69	14
CO-1529038829	CO18515	8.46	3 1-	2ACSR	0	0	729	164	8	1	1	0.00	4.69	0
CO18516	CO18515	8.53	43 1-	4ACSR	0	0	717	163	156	21	16	0.12	4.81	31
CO18517	CO18516	8.59	40 1-	4ACSR	0	0	708	163	144	20	14	0.06	4.87	14
CO18518	CO18517	8.72	39 1-	4ACSR	0	0	689	161	144	20	14	0.11	4.98	26
CO18514	CO18518	8.73	38 1-	4ACSR	0	0	688	161	139	19	14	0.01	4.99	0
CO18513	CO18514	8.82	37 1-	4ACSR	0	0	674	160	131	18	13	0.08	5.07	16
CO18510	CO18513	8.91	36 1-	4ACSR	0	0	662	160	122	17	12	0.06	5.13	13
CO18511	CO18510	8.96	35 1-	4ACSR	0	0	655	159	114	16	12	0.04	5.17	7
CO18512	CO18511	9.24	34 1-	4ACSR	0	0	619	156	114	16	11	0.20	5.37	37
CO18541	CO18512	9.31	27 1-	4ACSR	0	0	610	156	89	12	9	0.04	5.41	6
CO18542	CO18541	9.35	26 1-	4ACSR	0	0	605	155	84	11	8	0.02	5.43	3
CO18397	CO18542	9.47	3 1-	4ACSR	0	0	591	154	9	1	1	0.01	5.44	0
CO18398	CO18397	9.61	3 1-	4ACSR	0	0	575	153	9	1	1	0.01	5.45	0
CO18399	CO18398	9.68	3 1-	4ACSR	0	0	567	152	9	1	1	0.00	5.45	0
CO18347	CO18399	9.74	2 1-	4ACSR	0	0	561	152	8	1	1	0.00	5.45	0
CO18602	CO18542	9.61	18 1-	4ACSR	0	0	575	153	54	7	5	0.09	5.52	8
CO18603	CO18602	9.64	18 1-	4ACSR	0	0	571	153	54	7	5	0.01	5.53	0
CO18432	CO18603	9.79	2 1-	4ACSR	0	0	556	151	5	0	1	0.00	5.54	0
CO18433	CO18432	9.86	1 1-	4ACSR	0	0	548	151	0	0	0	0.00	5.54	0
CO18338	CO18603	9.71	16 1-	4ACSR	0	0	564	152	49	6	5	0.02	5.55	0
CO18400	CO18338	9.80	11 1-	4ACSR	0	0	554	151	38	5	4	0.02	5.58	0
CO18401	CO18400	9.82	10 1-	4ACSR	0	0	552	151	38	5	4	0.00	5.58	0
CO18435	CO18401	9.86	5 1-	4ACSR	0	0	548	151	19	2	2	0.01	5.59	0
CO18577	CO18435	9.90	5 1-	4ACSR	0	0	544	150	19	2	2	0.00	5.59	0
CO18578	CO18577	10.00	4 1-	4ACSR	0	0	534	150	17	2	2	0.01	5.60	0
CO18436	CO18578	10.04	3 1-	4ACSR	0	0	530	149	10	1	1	0.00	5.60	0
CO-937693563	CO18436	10.05	1 1-	2ACSR	0	0	530	149	2	0	0	0.00	5.60	0
CO1450680722	CO-937693563	10.10	1 1-	2ACSR	0	0	525	149	2	0	0	0.00	5.60	0
CO184785507	CO1450680722	10.23	1 1-	2ACSR	0	0	516	148	2	0	0	0.00	5.60	0
CO18434	CO18401	9.95	5 1-	4ACSR	0	0	539	150	18	2	2	0.01	5.59	0
CO18479	CO18434	9.97	3 1-	4ACSR	0	0	537	150	9	1	1	0.00	5.59	0
CO18390	CO18479	10.08	1 1-	2ACSR	0	0	528	149	6	0	1	0.00	5.60	0
CO18480	CO18479	10.00	2 1-	4ACSR	0	0	534	150	3	0	0	0.00	5.59	0
CO18396	CO18338	9.78	5 1-	4ACSR	0	0	556	151	12	1	1	0.01	5.56	0
CO18534	CO18396	9.88	4 1-	4ACSR	0	0	546	151	12	1	1	0.01	5.57	0
CO30625	CO18534	10.18	3 1-	4ACSR	0	0	517	148	9	1	1	0.02	5.58	0
CO8041	CO30625	10.21	3 1-	4ACSR	0	0	514	148	9	1	1	0.00	5.59	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7984	CO8041	10.27	2 1-	4ACSR	0	0	509	147	9	1	1	0.00	5.59	0
CO7956	CO8041	10.35	0 1-	4ACSR	0	0	502	147	0	0	0	0.00	5.59	0
CO30624	CO7956	10.61	0 1-	4ACSR	0	0	479	145	0	0	0	0.00	5.59	0
CO30623	CO30624	10.68	0 1-	4ACSR	0	0	473	144	0	0	0	0.00	5.59	0
CO8169	CO7956	10.35	0 1-	4ACSR	0	0	501	147	0	0	0	0.00	5.59	0
SW214-A	CO8169	10.35	0 1-	Open	0	0	501	147	0	0	0	0.00	5.59	0
CO18532	CO18542	9.45	2 1-	4ACSR	0	0	593	154	11	1	1	0.01	5.44	0
CO18533	CO18532	9.48	1 1-	4ACSR	0	0	589	154	9	1	1	0.00	5.44	0
CO18389	CO18542	9.40	2 1-	2ACSR	0	0	600	155	9	1	1	0.00	5.43	0
CO18346	CO18512	9.31	1 1-	4ACSR	0	0	610	156	4	0	0	0.00	5.37	0
CO18317	CO18512	10.01	5 1-	4ACSR	0	0	533	149	15	2	2	0.07	5.44	0
CO18539	CO18317	10.06	3 1-	4ACSR	0	0	528	149	4	0	0	0.00	5.44	0
CO18540	CO18539	10.11	2 1-	4ACSR	0	0	524	149	4	0	0	0.00	5.45	0
CO18348	CO18317	10.34	2 1-	4ACSR	0	0	503	147	11	1	1	0.01	5.46	0
CO18345	CO18516	8.59	2 1-	4ACSR	0	0	707	163	10	1	1	0.00	4.82	0
CO18394	CO18576	8.45	4 1-	4ACSR	0	0	729	164	15	2	2	0.01	4.65	0
OC-2034053652	CO18394	8.45	4 1-	20 N FUSE	0	0	729	164	15	2	11	0.00	4.65	0
CO18395	OC-2034053652	8.70	4 1-	4ACSR	0	0	692	162	15	2	2	0.02	4.67	0
CO18351	CO18395	8.89	2 1-	4ACSR	0	0	665	160	8	1	1	0.00	4.68	0
CO18350	CO18395	8.81	2 1-	4ACSR	0	0	676	161	7	0	1	0.00	4.68	0
CO18342+	CO18521	8.05	2 1-	4ACSR	0	0	858	289	4	0	0	0.00	3.81	0
OC1827299518+	CO18342	8.05	0 1-	20 N FUSE	0	0	858	289	0	0	0	0.00	3.81	0
CO18343+	CO18316	7.89	3 1-	4ACSR	0	0	869	290	19	1	1	0.00	3.78	0
OC1794852827+	CO18343	7.89	0 1-	20 N FUSE	0	0	869	290	0	0	0	0.00	3.78	0
CO18428+	CO18525	7.85	2 1-	4ACSR	0	0	873	290	11	0	1	0.00	3.77	0
OC-1706448282+	CO18428	7.85	2 1-	20 N FUSE	0	0	873	290	11	0	4	0.00	3.77	0
CO18429+	OC-1706448282	7.89	2 1-	4ACSR	0	0	869	290	11	0	1	0.00	3.77	0
CO18344+	CO18581	7.71	4 1-	2ACSR	0	0	883	291	19	1	1	0.00	3.74	0
OC-584664452+	CO18344	7.71	2 1-	20 N FUSE	0	0	883	291	13	0	5	0.00	3.74	0
CO18529+	OC-584664452	7.80	2 1-	4ACSR	0	0	872	290	13	0	1	0.00	3.74	0
CO-425166645+	OC-584664452	7.76	0 1-	2ACSR	0	0	878	290	0	0	0	0.00	3.74	0
CO23807+	CO23808	7.68	1 1-	4ACSR	0	0	882	290	7	0	0	0.00	3.71	0
OC317145740+	CO23807	7.68	0 1-	20 N FUSE	0	0	882	290	0	0	0	0.00	3.71	0
CO18839+	CO18808	7.61	2 1-	4ACSR	0	0	882	290	9	0	0	0.00	3.67	0
OC-2105536747+	CO18839	7.61	0 1-	20 N FUSE	0	0	882	290	0	0	0	0.00	3.67	0
CO18840+	CO18809	7.35	1 1-	4ACSR	0	0	898	291	3	0	0	0.00	3.60	0
OC-1616278211+	CO18840	7.35	0 1-	20 N FUSE	0	0	898	291	0	0	0	0.00	3.60	0
CO23811+	CO23812	6.47	1 1-	4ACSR	0	0	982	298	0	0	0	0.00	3.34	0
OC-1343674190+	CO23811	6.47	0 1-	20 N FUSE	0	0	982	298	0	0	0	0.00	3.34	0
CO23810+	CO23812	6.48	1 1-	4ACSR	0	0	981	297	4	0	0	0.00	3.34	0
OC956496149+	CO23810	6.48	1 1-	20 N FUSE	0	0	981	297	4	0	1	0.00	3.34	0
CO18448+	OC956496149	6.52	1 1-	4ACSR	0	0	974	297	4	0	0	0.00	3.34	0
CO18354+	CO18319	6.39	2 1-	4ACSR	0	0	988	298	4	0	0	0.00	3.32	0
OC-1104650291+	CO18354	6.39	0 1-	20 N FUSE	0	0	988	298	0	0	0	0.00	3.32	0
CO18461+	CO18478	5.37	1 1-	2ACSR	0	0	1105	306	10	0	0	0.00	3.03	0
OC-1634582392+	CO18461	5.37	1 1-	20 N FUSE	0	0	1105	306	10	0	4	0.00	3.03	0
CO18462+	OC-1634582392	5.40	1 1-	2ACSR	0	0	1100	305	10	0	0	0.00	3.03	0
CO18362+	CO18472	5.27	1 1-	4ACSR	0	0	1116	306	10	0	0	0.00	2.97	0
OC35784613+	CO18362	5.27	0 1-	20 N FUSE	0	0	1116	306	0	0	0	0.00	2.97	0
CO18363+	CO18563	5.12	1 1-	4ACSR	0	0	1138	307	3	0	0	0.00	2.88	0
OC-754811537+	CO18363	5.12	0 1-	20 N FUSE	0	0	1138	307	0	0	0	0.00	2.88	0
CO18327+	CO18557	4.84	111 3-	1/0ACSR	1398	1332	1185	310	435	10	4	0.00	2.76	2

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18559+	CO18327	4.92	107 3-	1/0ACSR	1385	1321	1173	310	387	8	4	0.01	2.76	3
CO18560+	CO18559	4.95	104 3-	1/0ACSR	1381	1316	1168	310	363	8	4	0.00	2.77	0
CO18376+	CO18560	4.99	1 1-	4ACSR	0	0	1160	309	4	0	0	0.00	2.77	0
OC-811875650+	CO18376	4.99	0 1-	20 N FUSE	0	0	1160	309	0	0	0	0.00	2.77	0
CO18328+	CO18560	5.00	103 3-	1/0ACSR	1373	1309	1160	309	359	8	4	0.00	2.77	0
CO18596+	CO18328	5.01	0 1-	4ACSR	0	0	1159	309	0	0	0	0.00	2.77	0
OC558+	CO18596	5.01	0 1-	50 L OCR	0	0	1159	309	0	0	0	0.00	2.77	0
CO18597+	OC558	5.21	0 1-	4ACSR	0	0	1115	305	0	0	0	0.00	2.77	0
CO18415+	CO18328	5.08	102 3-	1/0ACSR	1360	1296	1147	308	355	8	4	0.01	2.77	3
CO18416+	CO18415	5.14	102 3-	1/0ACSR	1352	1288	1139	308	355	8	4	0.00	2.78	2
CO18594+	CO18416	5.15	98 1-	4ACSR	0	0	1137	308	342	23	17	0.00	2.78	0
OC557+	CO18594	5.15	98 1-	50 L OCR	0	0	1137	308	342	23	0	0.00	2.78	0
CO18595+	OC557	5.25	98 1-	4ACSR	0	0	1115	306	342	23	17	0.06	2.84	32
CO1935338141+	CO18595	5.30	1 1-	2ACSR	0	0	1108	305	6	0	0	0.00	2.84	0
CO18570+	CO18595	5.31	97 1-	4ACSR	0	0	1103	305	335	23	17	0.03	2.87	17
CO18569+	CO18570	5.35	96 1-	4ACSR	0	0	1095	304	327	22	16	0.02	2.89	10
CO18382+	CO18569	5.46	1 1-	4ACSR	0	0	1075	302	8	0	0	0.00	2.89	0
CO18329+	CO18569	5.50	95 1-	4ACSR	0	0	1066	301	319	22	16	0.07	2.96	38
CO18417+	CO18329	5.63	88 1-	4ACSR	0	0	1041	299	295	20	15	0.06	3.02	29
CO18418+	CO18417	5.77	87 1-	4ACSR	0	0	1017	297	293	20	14	0.06	3.08	29
CO18379+	CO18418	5.83	1 1-	4ACSR	0	0	1005	296	2	0	0	0.00	3.08	0
CO18330+	CO18418	5.88	86 1-	4ACSR	0	0	997	295	290	20	14	0.05	3.13	24
CO18456+	CO18330	6.07	2 1-	4ACSR	0	0	966	292	1	0	0	0.00	3.13	0
CO18457+	CO18456	6.11	2 1-	4ACSR	0	0	958	291	1	0	0	0.00	3.13	0
CO18331+	CO18330	6.06	83 1-	4ACSR	0	0	966	292	289	19	14	0.08	3.22	39
CO18378+	CO18331	6.17	1 1-	4ACSR	0	0	949	290	1	0	0	0.00	3.22	0
CO18332+	CO18331	6.16	81 1-	4ACSR	0	0	950	290	283	19	14	0.05	3.26	21
CO18455+	CO18332	6.44	0 1-	4ACSR	0	0	908	286	0	0	0	0.00	3.26	0
CO30626+	CO18455	6.50	0 1-	4ACSR	0	0	900	285	0	0	0	0.00	3.26	0
CO8111+	CO30626	6.56	0 1-	4ACSR	0	0	890	284	0	0	0	0.00	3.26	0
CO18337+	CO18332	6.34	81 1-	4ACSR	0	0	923	287	283	19	14	0.08	3.34	35
CO30627+	CO18337	6.36	80 1-	4ACSR	0	0	920	287	280	19	14	0.01	3.35	5
CO8053+	CO30627	6.38	79 1-	4ACSR	0	0	917	287	279	19	14	0.01	3.36	4
CO8086+	CO8053	6.40	78 1-	4ACSR	0	0	914	286	277	19	14	0.01	3.37	3
CO8122+	CO8086	6.44	1 1-	2ACSR	0	0	908	286	6	0	0	0.00	3.37	0
CO8123+	CO8122	6.47	1 1-	2ACSR	0	0	905	286	6	0	0	0.00	3.37	0
CO8085+	CO8086	6.47	77 1-	4ACSR	0	0	903	285	271	18	13	0.03	3.40	15
CO8051+	CO8085	6.55	4 1-	4ACSR	0	0	892	284	11	0	1	0.00	3.40	0
CO8052+	CO8051	6.76	3 1-	4ACSR	0	0	863	281	8	0	0	0.00	3.40	0
CO30628+	CO8052	6.93	2 1-	4ACSR	0	0	841	278	3	0	0	0.00	3.40	0
CO18176+	CO30628	7.19	2 1-	4ACSR	0	0	808	274	3	0	0	0.00	3.40	0
CO18177+	CO18176	7.32	2 1-	4ACSR	0	0	793	273	3	0	0	0.00	3.40	0
CO18297+	CO18177	7.36	1 1-	2ACSR	0	0	789	272	0	0	0	0.00	3.40	0
CO18301+	CO18297	7.49	1 1-	2ACSR	0	0	777	271	0	0	0	0.00	3.40	0
CO18298+	CO18301	7.55	1 1-	2ACSR	0	0	772	270	0	0	0	0.00	3.40	0
CO18300+	CO18298	7.71	1 1-	2ACSR	0	0	759	269	0	0	0	0.00	3.40	0
CO18299+	CO18300	7.78	1 1-	2ACSR	0	0	753	268	0	0	0	0.00	3.40	0
CO8001+	CO8052	6.81	1 1-	4ACSR	0	0	856	280	6	0	0	0.00	3.40	0
CO8049+	CO8085	6.50	72 1-	4ACSR	0	0	899	285	259	17	13	0.01	3.41	4
CO8050+	CO8049	6.59	71 1-	4ACSR	0	0	886	283	238	16	12	0.03	3.44	13
CO7971+	CO8050	6.75	56 1-	4ACSR	0	0	864	281	194	13	10	0.05	3.49	16
OC-2039589854+	CO7971	6.75	56 1-	20 N FUSE	0	0	864	281	194	13	67	0.00	3.49	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8002+	OC-2039589854	6.83	1 1-	4ACSR	0	0	854	280	7	0	0	0.00	3.49	0
CO7972+	OC-2039589854	7.01	55 1-	4ACSR	0	0	830	277	187	12	9	0.08	3.57	24
CO8164+	CO7972	7.02	35 1-	4ACSR	0	0	829	277	111	7	6	0.00	3.57	0
OC212+	CO8164	7.02	35 1-	20 N FUSE	0	0	829	277	111	7	39	0.00	3.57	0
CO8165+	OC212	7.13	35 1-	4ACSR	0	0	815	275	111	7	6	0.02	3.59	4
CO8380+	CO8165	7.39	35 1-	4ACSR	0	0	785	272	111	7	6	0.05	3.63	8
CO7910+	CO8380	7.51	4 1-	4ACSR	0	0	771	270	12	0	1	0.00	3.64	0
CO7802+	CO7910	7.68	2 1-	4ACSR	0	0	754	268	2	0	0	0.00	3.64	0
CO7911+	CO7910	7.55	2 1-	4ACSR	0	0	768	269	10	0	1	0.00	3.64	0
CO7833+	CO8380	7.46	29 1-	4ACSR	0	0	777	271	99	6	5	0.01	3.64	0
CO7837+	CO7833	7.95	29 1-	4ACSR	0	0	726	264	99	6	5	0.08	3.72	12
OC-1943829210+	CO7837	7.95	29 1-	15 H OCR	0	0	726	264	99	6	46	0.00	3.72	0
CO7835+	OC-1943829210	8.01	29 1-	4ACSR	0	0	720	263	99	6	5	0.01	3.73	0
CO7834+	CO7835	8.09	28 1-	4ACSR	0	0	713	262	96	6	5	0.01	3.74	0
CO7836+	CO7834	8.16	27 1-	4ACSR	0	0	706	261	95	6	5	0.01	3.75	0
CO7905+	CO7836	8.27	1 1-	4ACSR	0	0	696	260	3	0	0	0.00	3.75	0
CO7904+	CO7905	8.35	1 1-	4ACSR	0	0	689	259	3	0	0	0.00	3.75	0
CO7830+	CO7836	8.33	25 1-	4ACSR	0	0	690	259	91	6	5	0.02	3.78	4
CO7832+	CO7830	8.46	24 1-	4ACSR	0	0	679	257	90	6	4	0.02	3.80	3
CO7831+	CO7832	8.57	22 1-	4ACSR	0	0	670	256	89	6	4	0.01	3.81	2
CO7909+	CO7831	8.70	10 1-	4ACSR	0	0	659	254	42	2	2	0.01	3.82	0
CO7907+	CO7909	8.77	7 1-	4ACSR	0	0	653	253	22	1	1	0.00	3.82	0
CO7935+	CO7907	8.83	1 1-	2ACSR	0	0	649	253	0	0	0	0.00	3.82	0
CO7934+	CO7907	8.82	1 1-	2ACSR	0	0	650	253	12	0	0	0.00	3.82	0
CO7906+	CO7907	8.87	2 1-	4ACSR	0	0	645	252	4	0	0	0.00	3.82	0
CO7908+	CO7906	8.91	1 1-	4ACSR	0	0	642	251	4	0	0	0.00	3.82	0
CO7839+	CO7831	8.72	12 1-	4ACSR	0	0	657	254	47	3	2	0.01	3.82	0
CO7838+	CO7839	9.00	10 1-	4ACSR	0	0	635	250	43	3	2	0.02	3.84	0
CO7913+	CO7838	9.04	3 1-	4ACSR	0	0	632	250	7	0	0	0.00	3.84	0
CO7912+	CO7913	9.10	2 1-	4ACSR	0	0	627	249	7	0	0	0.00	3.84	0
CO7914+	CO7912	9.15	1 1-	4ACSR	0	0	624	248	3	0	0	0.00	3.84	0
CO7841+	CO7838	9.04	7 1-	4ACSR	0	0	632	250	36	2	2	0.00	3.84	0
CO7840+	CO7841	9.10	5 1-	4ACSR	0	0	628	249	26	1	1	0.00	3.84	0
CO-2097389565+	CO7840	9.15	1 1-	2ACSR	0	0	625	249	9	0	0	0.00	3.85	0
CO7842+	CO7840	9.21	3 1-	4ACSR	0	0	619	248	9	0	0	0.00	3.85	0
CO7803+	CO7842	9.27	1 1-	4ACSR	0	0	615	247	5	0	0	0.00	3.85	0
CO7915+	CO7842	9.35	2 1-	4ACSR	0	0	610	246	4	0	0	0.00	3.85	0
CO7916+	CO7915	9.50	1 1-	4ACSR	0	0	599	244	3	0	0	0.00	3.85	0
CO7804+	CO7915	9.38	1 1-	4ACSR	0	0	607	246	1	0	0	0.00	3.85	0
CO7973+	CO7972	7.12	19 1-	4ACSR	0	0	816	275	75	5	4	0.01	3.58	0
CO8087+	CO7973	7.18	16 1-	4ACSR	0	0	809	275	66	4	3	0.01	3.59	0
CO8088+	CO8087	7.28	16 1-	4ACSR	0	0	798	273	66	4	3	0.01	3.60	0
CO8008+	CO8088	7.34	0 1-	4ACSR	0	0	791	272	0	0	0	0.00	3.60	0
CO7975+	CO8088	7.38	14 1-	4ACSR	0	0	786	272	49	3	2	0.01	3.60	0
CO8117+	CO7975	7.46	2 1-	4ACSR	0	0	777	271	5	0	0	0.00	3.60	0
CO8119+	CO8117	7.50	2 1-	4ACSR	0	0	773	270	5	0	0	0.00	3.60	0
CO8118+	CO8119	7.70	1 1-	4ACSR	0	0	751	267	3	0	0	0.00	3.61	0
CO8054+	CO7975	7.50	11 1-	4ACSR	0	0	773	270	38	2	2	0.01	3.61	0
CO8145+	CO8054	7.85	10 1-	4ACSR	0	0	736	265	38	2	2	0.02	3.63	0
CO8146+	CO8145	7.95	9 1-	4ACSR	0	0	726	264	33	2	2	0.00	3.64	0
CO8006+	CO8146	8.02	0 1-	4ACSR	0	0	720	263	0	0	0	0.00	3.64	0
CO7976+	CO8146	8.08	8 1-	4ACSR	0	0	713	262	31	2	2	0.01	3.64	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8166+	CO7976	8.09	6 1-	4ACSR	0	0	713	262	26	1	1	0.00	3.64	0
OC213+	CO8166	8.09	6 1-	10 H OCR	0	0	713	262	26	1	18	0.00	3.64	0
CO8167+	OC213	8.17	6 1-	4ACSR	0	0	705	261	26	1	1	0.00	3.64	0
CO8092+	CO8167	8.45	4 1-	4ACSR	0	0	680	257	18	1	1	0.01	3.65	0
CO8093+	CO8092	8.58	4 1-	4ACSR	0	0	669	256	18	1	1	0.00	3.66	0
CO30655+	CO8093	8.84	4 1-	4ACSR	0	0	647	252	18	1	1	0.01	3.66	0
CO7900+	CO30655	8.95	3 1-	4ACSR	0	0	639	251	17	1	1	0.00	3.67	0
CO7903+	CO7900	9.02	3 1-	4ACSR	0	0	633	250	17	1	1	0.00	3.67	0
CO7901+	CO7903	9.11	1 1-	4ACSR	0	0	627	249	10	0	0	0.00	3.67	0
CO7902+	CO7901	9.16	1 1-	4ACSR	0	0	623	248	10	0	0	0.00	3.67	0
CO8174+	CO8093	8.58	0 1-	4ACSR	0	0	668	255	0	0	0	0.00	3.66	0
SW217-B+	CO8174	8.58	0 1-	Closed	0	0	668	255	0	0	0	0.00	3.66	0
SW217-A+	SW217-B	8.58	0 1-	Closed	0	0	668	255	0	0	0	0.00	3.66	0
CO8175+	SW217-A	8.71	0 1-	4ACSR	0	0	658	254	0	0	0	0.00	3.66	0
CO8381+	CO8175	8.98	0 1-	4ACSR	0	0	637	251	0	0	0	0.00	3.66	0
CO7843+	CO8381	9.01	0 1-	4ACSR	0	0	635	250	0	0	0	0.00	3.66	0
CO17314+	CO7843	9.59	0 1-	4ACSR	0	0	593	243	0	0	0	0.00	3.66	0
CO17315+	CO17314	9.60	0 1-	4ACSR	0	0	592	243	0	0	0	0.00	3.66	0
CO8089+	CO8167	8.48	2 1-	4ACSR	0	0	677	257	8	0	0	0.00	3.65	0
CO1689484997+	CO8089	8.54	1 1-	1/0PRIURD	0	0	674	436	8	0	0	0.00	3.65	0
CO8091+	CO8089	8.50	1 1-	4ACSR	0	0	675	257	0	0	0	0.00	3.65	0
CO8090+	CO8091	8.69	0 1-	4ACSR	0	0	659	254	0	0	0	0.00	3.65	0
CO8005+	CO7976	8.12	2 1-	4ACSR	0	0	710	261	5	0	0	0.00	3.64	0
CO7974+	CO8088	7.48	2 1-	4ACSR	0	0	775	270	17	1	1	0.01	3.60	0
CO8120+	CO7974	7.62	1 1-	4ACSR	0	0	760	268	2	0	0	0.00	3.60	0
CO8121+	CO8120	7.69	1 1-	4ACSR	0	0	752	267	2	0	0	0.00	3.60	0
CO8004+	CO7974	7.51	1 1-	4ACSR	0	0	771	270	15	1	1	0.00	3.60	0
CO8003+	CO7974	7.52	0 1-	4ACSR	0	0	771	270	0	0	0	0.00	3.60	0
CO8007+	CO7973	7.19	1 1-	4ACSR	0	0	808	274	5	0	0	0.00	3.58	0
CO7968+	CO8050	6.74	15 1-	4ACSR	0	0	866	281	44	3	2	0.01	3.45	0
OC1799535544+	CO7968	6.74	15 1-	20 N FUSE	0	0	866	281	44	3	15	0.00	3.45	0
CO7998+	OC1799535544	6.78	2 1-	4ACSR	0	0	860	281	11	0	1	0.00	3.45	0
CO7970+	OC1799535544	6.82	13 1-	4ACSR	0	0	855	280	33	2	2	0.00	3.46	0
CO8057+	CO7970	6.91	11 1-	4ACSR	0	0	843	279	22	1	1	0.00	3.46	0
CO8058+	CO8057	7.00	10 1-	4ACSR	0	0	832	277	22	1	1	0.00	3.46	0
CO8056+	CO8058	7.15	9 1-	4ACSR	0	0	814	275	22	1	1	0.00	3.47	0
CO8113+	CO8056	7.18	1 1-	4ACSR	0	0	810	275	0	0	0	0.00	3.47	0
CO8112+	CO8113	7.20	1 1-	4ACSR	0	0	807	274	0	0	0	0.00	3.47	0
CO8084+	CO8056	7.33	8 1-	4ACSR	0	0	792	272	22	1	1	0.01	3.47	0
CO8083+	CO8084	7.41	8 1-	4ACSR	0	0	783	271	22	1	1	0.00	3.47	0
CO8116+	CO8083	7.55	3 1-	4ACSR	0	0	767	269	3	0	0	0.00	3.48	0
CO8114+	CO8116	7.61	2 1-	4ACSR	0	0	761	268	0	0	0	0.00	3.48	0
CO8115+	CO8114	7.72	1 1-	4ACSR	0	0	750	267	0	0	0	0.00	3.48	0
CO7969+	CO8083	7.44	5 1-	4ACSR	0	0	779	271	19	1	1	0.00	3.48	0
CO8147+	CO7969	7.50	0 1-	4ACSR	0	0	773	270	0	0	0	0.00	3.48	0
CO8149+	CO8147	7.62	0 1-	4ACSR	0	0	760	268	0	0	0	0.00	3.48	0
CO8148+	CO8149	7.73	0 1-	4ACSR	0	0	748	267	0	0	0	0.00	3.48	0
CO8055+	CO8148	7.79	0 1-	4ACSR	0	0	742	266	0	0	0	0.00	3.48	0
CO8082+	CO7969	7.53	4 1-	4ACSR	0	0	769	269	16	1	1	0.00	3.48	0
CO-661667257+	CO8082	7.60	1 1-	4ACSR	0	0	762	269	8	0	0	0.00	3.48	0
CO-1018856131+	CO8082	7.71	2 1-	2ACSR	0	0	755	268	0	0	0	0.00	3.48	0
CO-352988509+	CO-1018856131	7.79	1 1-	1/0PRIURD	0	0	750	469	0	0	0	0.00	3.48	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-974648861+	CO-1018856131	7.84	1 1-	2ACSR	0	0	744	267	0	0	0	0.00	3.48	0
CO8081+	CO-974648861	7.92	1 1-	4ACSR	0	0	735	265	0	0	0	0.00	3.48	0
CO7999+	CO7970	6.89	2 1-	4ACSR	0	0	845	279	11	0	1	0.00	3.46	0
CO8000+	CO8053	6.47	1 1-	4ACSR	0	0	904	285	2	0	0	0.00	3.36	0
CO18386+	CO18337	6.37	1 1-	4ACSR	0	0	917	287	3	0	0	0.00	3.34	0
CO18381+	CO18329	5.60	1 1-	4ACSR	0	0	1048	300	8	0	0	0.00	2.96	0
CO18380+	CO18329	5.61	3 1-	4ACSR	0	0	1044	299	7	0	0	0.00	2.96	0
CO18377+	CO18416	5.19	2 1-	4ACSR	0	0	1127	307	11	0	1	0.00	2.78	0
OC-1695779267+	CO18377	5.19	0 1-	20 N FUSE	0	0	1127	307	0	0	0	0.00	2.78	0
CO18375+	CO18327	4.96	1 1-	4ACSR	0	0	1158	308	11	0	1	0.00	2.76	0
OC-1113607097+	CO18375	4.96	0 1-	20 N FUSE	0	0	1158	308	0	0	0	0.00	2.76	0
CO18258+	CO1197239777	3.19	5 1-	4ACSR	0	0	1579	332	13	0	1	0.00	1.23	0
CO18256+	CO18258	3.26	3 1-	4ACSR	0	0	1554	331	3	0	0	0.00	1.23	0
CO18146+	CO18256	3.31	0 1-	4ACSR	0	0	1538	330	0	0	0	0.00	1.23	0
CO18143+	CO18256	3.34	3 1-	4ACSR	0	0	1525	329	3	0	0	0.00	1.23	0
CO18178+	CO18256	3.35	0 1-	4ACSR	0	0	1522	329	0	0	0	0.00	1.23	0
CO18255+	CO1197239777	3.19	1 1-	4ACSR	0	0	1581	332	5	0	0	0.00	1.23	0
CO18254+	CO18109	2.96	2 1-	4ACSR	0	0	1610	332	13	0	1	0.00	1.16	0
OC-632782611+	CO18254	2.96	1 1-	20 N FUSE	0	0	1610	332	9	0	3	0.00	1.16	0
CO18253+	OC-632782611	3.01	1 1-	4ACSR	0	0	1591	331	9	0	0	0.00	1.16	0
CO18160+	CO18181	2.62	0 1-	2ACSR	0	0	1694	335	0	0	0	0.00	1.09	0
CO18185+	OH119	2.00	1 1-	4ACSR	0	0	1842	338	0	0	0	0.00	0.95	0
CO18136+	CO18111	1.75	1 1-	4ACSR	0	0	1895	338	8	0	0	0.00	0.88	0
CO18135+	CO18111	1.73	1 1-	4ACSR	0	0	1907	339	1	0	0	0.00	0.88	0
CO18113+	CO18111	1.74	8 1-	4ACSR	0	0	1901	338	16	1	1	0.00	0.88	0
CO18187+	CO18113	1.97	8 1-	4ACSR	0	0	1790	334	16	1	1	0.01	0.89	0
CO18310+	CO18187	2.01	8 1-	4ACSR	0	0	1768	333	16	1	1	0.00	0.89	0
OC1134132944+	CO18310	2.01	8 1-	20 N FUSE	0	0	1768	333	16	1	5	0.00	0.89	0
CO18309+	OC1134132944	2.12	1 1-	4ACSR	0	0	1718	330	5	0	0	0.00	0.89	0
CO18243+	OC1134132944	2.06	7 1-	4ACSR	0	0	1747	332	11	0	1	0.00	0.89	0
CO18303+	CO18243	2.14	1 1-	2ACSR	0	0	1714	330	5	0	0	0.00	0.89	0
CO18302+	CO18303	2.16	1 1-	2ACSR	0	0	1706	330	5	0	0	0.00	0.89	0
CO18242+	CO18243	2.16	5 1-	4ACSR	0	0	1699	330	2	0	0	0.00	0.89	0
CO18296+	CO18242	2.21	3 1-	4ACSR	0	0	1680	329	0	0	0	0.00	0.89	0
CO18295+	CO18296	2.21	2 1-	4ACSR	0	0	1676	329	0	0	0	0.00	0.89	0
CO18292+	CO18242	2.24	2 1-	4ACSR	0	0	1665	328	2	0	0	0.00	0.89	0
CO18294+	CO18292	2.37	2 1-	4ACSR	0	0	1609	325	2	0	0	0.00	0.89	0
CO18293+	CO18294	2.44	2 1-	4ACSR	0	0	1582	324	2	0	0	0.00	0.89	0
CO18274+	CO-1789048581	0.88	1 1-	4ACSR	0	0	2303	349	0	0	0	0.00	0.22	0
CO18272+	CO-1789048581	0.94	0 1-	4ACSR	0	0	2262	348	0	0	0	0.00	0.22	0
CO18275+	CO1682207591	0.85	1 1-	4ACSR	0	0	2311	349	9	0	0	0.00	0.21	0
CO18264+	CO-1310199621	0.29	2 1-	4ACSR	0	0	2554	352	13	0	1	0.00	0.07	0
CO18266+	CO18264	0.33	2 1-	4ACSR	0	0	2526	351	13	0	1	0.00	0.07	0
CO188965150+	CO-1734132280	0.01	283 3-	336ACSR	2527	2699	2700	353	1166	25	5	0.00	0.00	0
Burtonville+	CO188965150	0.01	283 3-	560 200WVE	2527	2699	2700	353	1166	25	5	0.00	0.00	0
CO-564722569+	Burtonville	0.01	283 3-	336ACSR	2526	2698	2700	353	1166	25	5	0.00	0.00	0
CO-1353315640+	CO-564722569	0.03	283 3-	2ACSR	2517	2681	2683	353	1166	25	14	0.01	0.01	13
CO-1724636343+	CO-1353315640	0.14	283 3-	2ACSR	2470	2598	2604	351	1166	25	14	0.03	0.04	65
CO18117+	CO-1724636343	0.24	283 3-	1/0ACSR	2432	2536	2541	350	1166	25	11	0.02	0.06	36
CO18153+	CO18117	0.28	2 1-	4ACSR	0	0	2508	349	13	0	1	0.00	0.06	0
CO18214+	CO18117	0.28	281 3-	1/0ACSR	2413	2507	2511	350	1153	25	11	0.01	0.07	18

Substation Power Factor: 0.99
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18215+	CO18214	0.37	281 3-	1/0ACSR	2378	2453	2455	349	1153	25	11	0.02	0.08	33
CO18201+	CO18215	0.47	24 1-	4ACSR	0	0	2383	347	53	3	3	0.01	0.09	0
CO18203+	CO18201	0.57	24 1-	4ACSR	0	0	2307	345	53	3	3	0.01	0.10	0
CO18202+	CO18203	0.79	24 1-	4ACSR	0	0	2159	340	53	3	3	0.02	0.12	0
CO18306+	CO18202	0.79	24 1-	4ACSR	0	0	2154	340	53	3	3	0.00	0.12	0
OC549+	CO18306	0.79	24 1-	35 E OCR	0	0	2154	340	53	3	10	0.00	0.12	0
CO18307+	OC549	0.87	24 1-	4ACSR	0	0	2102	338	53	3	3	0.01	0.12	0
CO18204+	CO18307	0.89	24 1-	4ACSR	0	0	2090	338	53	3	3	0.00	0.12	0
XFMR93	CO18204	0.89	22 1-	167 KVA 1PH AUT	0	0	718	172	46	3	27	0.18	0.30	0
CO18206	XFMR93	1.40	22 1-	4ACSR	0	0	660	167	46	6	4	0.14	0.44	10
CO18205	CO18206	1.45	21 1-	4ACSR	0	0	655	166	42	5	4	0.01	0.45	0
CO18151	CO18205	1.54	1 1-	4ACSR	0	0	644	165	6	0	1	0.00	0.45	0
CO18150	CO18205	1.54	1 1-	4ACSR	0	0	644	165	0	0	0	0.00	0.45	0
CO18116	CO18205	1.53	14 1-	4ACSR	0	0	645	165	30	4	3	0.02	0.47	0
CO18152	CO18116	1.58	1 1-	4ACSR	0	0	640	165	2	0	0	0.00	0.47	0
CO18213	CO18116	1.70	5 1-	4ACSR	0	0	627	164	7	0	1	0.01	0.48	0
CO23839	CO18213	1.78	4 1-	4ACSR	0	0	618	163	6	0	1	0.00	0.48	0
CO17865	CO23839	2.17	4 1-	4ACSR	0	0	579	159	6	0	1	0.01	0.49	0
CO17866	CO17865	2.39	3 1-	4ACSR	0	0	557	157	6	0	1	0.01	0.50	0
CO17863	CO17866	2.51	2 1-	4ACSR	0	0	546	156	4	0	0	0.00	0.50	0
CO17864	CO17863	2.56	0 1-	4ACSR	0	0	542	155	0	0	0	0.00	0.50	0
CO17862	CO17864	2.68	0 1-	4ACSR	0	0	531	154	0	0	0	0.00	0.50	0
CO17868	CO17862	2.88	0 1-	4ACSR	0	0	514	152	0	0	0	0.00	0.50	0
CO17867	CO17868	2.98	0 1-	4ACSR	0	0	505	151	0	0	0	0.00	0.50	0
CO23840	CO18116	1.77	8 1-	4ACSR	0	0	620	163	21	2	2	0.02	0.49	0
CO17945	CO23840	1.80	1 1-	2ACSR	0	0	617	163	1	0	0	0.00	0.49	0
CO17946	CO17945	1.84	1 1-	2ACSR	0	0	613	162	1	0	0	0.00	0.49	0
CO17876	CO23840	2.00	2 1-	4ACSR	0	0	596	161	4	0	0	0.01	0.50	0
CO17874	CO17876	2.09	2 1-	4ACSR	0	0	587	160	4	0	0	0.00	0.50	0
CO17875	CO17874	2.15	1 1-	4ACSR	0	0	580	159	4	0	0	0.00	0.50	0
CO17877	CO17875	2.22	1 1-	4ACSR	0	0	574	158	4	0	0	0.00	0.50	0
CO17873	CO17877	2.63	1 1-	4ACSR	0	0	535	155	4	0	0	0.01	0.51	0
CO17931	CO17873	2.71	0 1-	4ACSR	0	0	528	154	0	0	0	0.00	0.51	0
CO17930	CO17931	2.83	0 1-	4ACSR	0	0	518	153	0	0	0	0.00	0.51	0
CO17846	CO17873	2.77	1 1-	4ACSR	0	0	523	153	4	0	0	0.00	0.51	0
CO17871	CO23840	2.20	3 1-	4ACSR	0	0	576	159	6	0	1	0.02	0.51	0
CO17870	CO17871	2.39	2 1-	4ACSR	0	0	558	157	6	0	1	0.00	0.51	0
CO17872	CO17870	2.43	0 1-	4ACSR	0	0	553	156	0	0	0	0.00	0.51	0
CO17869	CO17872	2.63	0 1-	4ACSR	0	0	535	155	0	0	0	0.00	0.51	0
CO18207	CO18205	1.63	4 1-	4ACSR	0	0	634	164	5	0	0	0.01	0.46	0
CO18212	CO18207	1.72	4 1-	4ACSR	0	0	625	163	5	0	0	0.00	0.46	0
CO18211	CO18212	1.81	3 1-	4ACSR	0	0	616	163	5	0	0	0.00	0.46	0
CO18208	CO18211	1.91	2 1-	4ACSR	0	0	605	162	0	0	0	0.00	0.46	0
CO18210	CO18208	1.97	1 1-	4ACSR	0	0	599	161	0	0	0	0.00	0.46	0
CO18209	CO18210	2.01	1 1-	4ACSR	0	0	594	160	0	0	0	0.00	0.46	0
CO23841	CO18209	2.26	0 1-	4ACSR	0	0	570	158	0	0	0	0.00	0.46	0
CO18199+	CO18215	0.54	256 3-	1/0ACSR	2314	2359	2355	347	1095	24	11	0.03	0.11	57
CO18197+	CO18199	0.85	256 3-	1/0ACSR	2204	2208	2190	344	1094	24	11	0.05	0.16	104
CO18198+	CO18197	0.99	256 3-	1/0ACSR	2157	2147	2121	343	1094	24	11	0.02	0.19	47
CO18200+	CO18198	1.01	255 3-	1/0ACSR	2151	2140	2113	342	1087	24	10	0.00	0.19	6
CO18196+	CO18200	1.15	255 3-	1/0ACSR	2106	2084	2050	341	1087	24	10	0.02	0.21	45
CO18262+	CO18196	1.21	0 1-	4ACSR	0	0	2013	340	0	0	0	0.00	0.21	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18261+	CO18262	1.22	0 1-	4ACSR	0	0	2006	339	0	0	0	0.00	0.21	0
CO18263+	CO18261	1.35	0 1-	4ACSR	0	0	1932	336	0	0	0	0.00	0.21	0
CO18247+	CO18196	1.26	255 3-	1/0ACSR	2070	2041	2000	340	1087	24	10	0.02	0.23	38
CO18248+	CO18247	1.32	255 3-	1/0ACSR	2052	2019	1975	339	1087	24	10	0.01	0.24	20
CO18246+	CO18248	1.45	255 3-	1/0ACSR	2012	1971	1921	338	1087	24	10	0.02	0.26	44
CO18244+	CO18246	1.51	254 3-	1/0ACSR	1994	1951	1897	337	1082	23	10	0.01	0.27	20
CO18245+	CO18244	1.59	254 3-	1/0ACSR	1972	1923	1867	336	1082	23	10	0.01	0.28	26
CO18149+	CO18245	1.67	1 1-	4ACSR	0	0	1829	335	1	0	0	0.00	0.28	0
CO18312+	CO18245	1.72	253 3-	1/0ACSR	1934	1882	1819	335	1081	23	10	0.02	0.31	43
CO18195+	CO18312	1.75	253 3-	1/0ACSR	1926	1872	1807	335	1081	23	10	0.01	0.31	10
CO18714+	CO18195	1.81	253 3-	1/0ACSR	1910	1855	1787	334	1081	23	10	0.01	0.32	18
CO18713+	CO18714	1.84	253 3-	1/0ACSR	1901	1845	1776	334	1081	23	10	0.01	0.33	11
CO18712+	CO18713	1.98	251 3-	1/0ACSR	1866	1806	1731	333	1063	23	10	0.02	0.35	42
CO18637+	CO18712	2.01	1 1-	4ACSR	0	0	1714	332	10	0	0	0.00	0.35	0
CO18710+	CO18712	2.05	1 1-	4ACSR	0	0	1697	331	17	1	1	0.00	0.35	0
CO18711+	CO18710	2.09	1 1-	4ACSR	0	0	1681	330	17	1	1	0.00	0.35	0
CO18709+	CO18712	2.07	248 3-	1/0ACSR	1842	1779	1701	332	1035	22	10	0.01	0.36	28
CO18708+	CO18709	2.16	248 3-	1/0ACSR	1818	1755	1671	331	1035	22	10	0.01	0.38	28
CO18772+	CO18708	2.22	5 1-	4ACSR	0	0	1646	329	8	0	0	0.00	0.38	0
CO18773+	CO18772	2.33	4 1-	4ACSR	0	0	1604	327	4	0	0	0.00	0.38	0
CO18715+	CO18773	2.40	4 1-	4ACSR	0	0	1574	326	4	0	0	0.00	0.38	0
CO18636+	CO18715	2.48	1 1-	4ACSR	0	0	1545	324	0	0	0	0.00	0.38	0
CO18716+	CO18715	2.61	3 1-	4ACSR	0	0	1496	322	4	0	0	0.00	0.38	0
CO18774+	CO18716	2.63	3 1-	4ACSR	0	0	1487	321	4	0	0	0.00	0.38	0
CO18775+	CO18774	2.79	2 1-	4ACSR	0	0	1434	318	3	0	0	0.00	0.38	0
CO18613+	CO18775	2.87	1 1-	4ACSR	0	0	1405	317	3	0	0	0.00	0.38	0
CO18614+	CO18613	3.14	0 1-	4ACSR	0	0	1321	312	0	0	0	0.00	0.38	0
CO18719+	CO18613	2.95	1 1-	4ACSR	0	0	1380	315	3	0	0	0.00	0.38	0
CO18720+	CO18719	2.99	1 1-	4ACSR	0	0	1368	314	3	0	0	0.00	0.38	0
CO18717+	CO18775	2.90	1 1-	4ACSR	0	0	1396	316	0	0	0	0.00	0.38	0
CO18718+	CO18717	2.96	0 1-	4ACSR	0	0	1378	315	0	0	0	0.00	0.38	0
CO18760+	CO18708	2.27	243 3-	1/0ACSR	1791	1726	1638	330	1027	22	10	0.02	0.39	33
CO18759+	CO18760	2.33	243 3-	1/0ACSR	1776	1710	1620	329	1026	22	10	0.01	0.40	18
CO18707+	CO18759	2.40	242 3-	1/0ACSR	1760	1693	1600	328	1022	22	10	0.01	0.41	20
CO18706+	CO18707	2.50	242 3-	1/0ACSR	1736	1668	1571	327	1022	22	10	0.02	0.43	30
CO18705+	CO18706	2.58	242 3-	1/0ACSR	1718	1650	1551	327	1022	22	10	0.01	0.44	23
CO18762+	CO18705	2.64	242 3-	1/0ACSR	1705	1636	1535	326	1022	22	10	0.01	0.45	17
CO18761+	CO18762	2.66	242 3-	1/0ACSR	1701	1631	1530	326	1022	22	10	0.00	0.45	6
CO18617+	CO18761	2.80	239 3-	1/0ACSR	1670	1599	1494	324	1019	22	10	0.02	0.47	42
CO18643+	CO18617	2.84	1 1-	4ACSR	0	0	1481	324	12	0	1	0.00	0.47	0
CO18771+	CO18617	2.85	235 3-	1/0ACSR	1659	1588	1481	324	994	22	10	0.01	0.48	14
CO18770+	CO18771	2.90	235 3-	1/0ACSR	1649	1578	1469	323	994	22	10	0.01	0.49	13
CO18769+	CO18770	2.92	233 3-	1/0ACSR	1644	1574	1465	323	988	21	10	0.00	0.49	6
CO18634+	CO18769	2.99	0 1-	4ACSR	0	0	1439	322	0	0	0	0.00	0.49	0
CO18768+	CO18769	2.94	232 3-	1/0ACSR	1640	1569	1460	323	988	21	10	0.00	0.49	6
CO18802+	CO18768	2.96	232 3-	1/0ACSR	1636	1565	1455	323	988	21	10	0.00	0.50	5
CO18801+	CO18802	3.22	231 3-	1/0ACSR	1583	1511	1394	320	985	21	10	0.04	0.54	73
CO18792+	CO18801	3.50	230 3-	1/0ACSR	1530	1458	1336	318	981	21	9	0.04	0.58	76
OC238601700+	CO18792	3.50	230 3-	20 N FUSE	1530	1458	1336	318	981	21	109	0.00	0.58	0
CO18791+	OC238601700	3.51	230 3-	1/0ACSR	1529	1457	1335	318	981	21	9	0.00	0.58	0
OC566+	CO18791	3.51	230 3-	50 L OCR	1529	1457	1335	318	981	21	0	0.00	0.58	0
CO18755+	OC566	3.52	173 3-	1/0ACSR	1527	1455	1333	318	799	18	8	0.00	0.58	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18756+	CO18755	3.55	173 3-	1/0ACSR	1522	1450	1327	317	799	18	8	0.00	0.58	5
OC2126572731+	CO18756	3.55	173 3-	100 L OCR	1522	1450	1327	317	799	18	18	0.00	0.58	0
XFMR95	OC2126572731	3.55	173 3-	333 KVA 1PH AUT	977	965	934	172	799	18	79	0.69	1.27	0
CO18797	XFMR95	3.67	173 3-	1/0ACSR	962	948	913	172	799	36	16	0.08	1.35	94
CO18798	CO18797	3.95	173 3-	1/0ACSR	927	909	867	170	798	36	16	0.18	1.53	217
CO18652	CO18798	4.09	172 3-	1/0ACSR	912	892	847	170	797	36	16	0.08	1.61	99
CO18653	CO18652	4.16	172 3-	1/0ACSR	904	883	836	169	797	36	16	0.04	1.66	53
CO30645	CO18653	4.16	3 1-	2ACSR	0	0	835	169	8	1	1	0.00	1.66	0
OC562	CO30645	4.16	3 1-	10 N FUSE	0	0	835	169	8	1	10	0.00	1.66	0
CO30646	OC562	4.19	3 1-	2ACSR	0	0	830	169	8	1	1	0.00	1.66	0
CO18784	CO30646	4.25	3 1-	2ACSR	0	0	821	168	8	1	1	0.00	1.66	0
CO18785	CO18784	4.35	3 1-	2ACSR	0	0	806	168	8	1	1	0.00	1.66	0
CO18786	CO18785	4.42	3 1-	2ACSR	0	0	795	167	8	1	1	0.00	1.67	0
CO18787	CO18786	4.50	3 1-	2ACSR	0	0	783	167	8	1	1	0.00	1.67	0
CO18788	CO18787	4.55	2 1-	2ACSR	0	0	775	166	8	1	1	0.00	1.67	0
CO18644	CO18788	4.61	1 1-	2ACSR	0	0	767	166	5	0	0	0.00	1.67	0
CO18615	CO18653	4.19	169 3-	1/0ACSR	900	879	831	169	789	36	16	0.02	1.68	26
CO18640	CO18615	4.24	1 1-	4ACSR	0	0	822	168	0	0	0	0.00	1.68	0
CO18778	CO18615	4.42	168 3-	1/0ACSR	875	851	799	168	789	36	16	0.14	1.82	170
CO18779	CO18778	4.43	167 3-	1/0ACSR	874	850	798	168	788	36	16	0.01	1.83	7
CO18777	CO18779	4.46	166 3-	1/0ACSR	870	846	794	168	786	35	16	0.02	1.85	24
CO18776	CO18777	4.50	166 3-	1/0ACSR	866	841	789	167	786	35	16	0.02	1.87	28
CO18639	CO18776	4.73	0 1-	4ACSR	0	0	751	165	0	0	0	0.00	1.87	0
CO18616	CO18776	4.70	166 3-	1/0ACSR	846	819	764	166	786	35	16	0.12	2.00	144
CO18803	CO18616	4.79	158 3-	1/0ACSR	836	808	752	166	743	34	15	0.06	2.05	65
CO18620	CO18803	4.89	2 1-	4ACSR	0	0	736	165	5	0	1	0.00	2.06	0
CO18604	CO18803	5.05	156 3-	1/0ACSR	811	781	722	165	737	33	15	0.15	2.20	165
CO18654	CO18604	5.13	155 3-	1/0ACSR	803	772	713	164	731	33	15	0.05	2.25	53
CO18740	CO18654	5.15	155 3-	1/0ACSR	801	770	711	164	731	33	15	0.01	2.26	13
CO18741	CO18740	5.28	154 3-	1/0ACSR	789	757	696	163	729	33	15	0.08	2.34	84
CO18789	CO18741	5.29	59 1-	6ACWC	0	0	695	163	249	34	25	0.01	2.35	4
OC564	CO18789	5.29	59 1-	50 H OCR	0	0	695	163	249	34	69	0.00	2.35	0
CO18790	OC564	5.42	59 1-	6ACWC	0	0	677	162	249	34	25	0.20	2.55	81
CO18729	CO18790	5.49	58 1-	6ACWC	0	0	668	161	244	33	24	0.10	2.65	41
CO18738	CO18729	5.60	55 1-	6ACWC	0	0	653	160	240	33	24	0.17	2.83	67
CO18739	CO18738	5.64	54 1-	6ACWC	0	0	648	160	239	33	24	0.06	2.89	24
CO18655	CO18739	5.72	48 1-	6ACWC	0	0	638	159	215	29	21	0.10	2.99	36
CO18656	CO18655	5.93	47 1-	6ACWC	0	0	612	157	213	29	21	0.28	3.27	96
CO18657	CO18656	6.01	47 1-	6ACWC	0	0	603	156	213	29	21	0.10	3.37	36
CO18659	CO18657	6.18	9 1-	4ACSR	0	0	584	155	51	7	5	0.05	3.43	5
CO18661	CO18659	6.26	8 1-	4ACSR	0	0	575	154	46	6	5	0.02	3.45	0
CO18662	CO18661	6.39	6 1-	4ACSR	0	0	561	153	45	6	4	0.04	3.48	3
CO18664	CO18662	6.42	5 1-	4ACSR	0	0	557	153	44	6	4	0.01	3.49	0
CO18804	CO18664	6.44	3 1-	4ACSR	0	0	556	152	35	4	3	0.00	3.50	0
CO18805	CO18804	6.49	3 1-	4ACSR	0	0	551	152	35	4	3	0.01	3.51	0
CO18665	CO18805	6.53	2 1-	4ACSR	0	0	546	152	27	3	3	0.01	3.51	0
CO18666	CO18665	6.61	2 1-	4ACSR	0	0	538	151	27	3	3	0.01	3.53	0
CO18667	CO18666	6.64	2 1-	4ACSR	0	0	535	151	27	3	3	0.00	3.53	0
CO18646	CO18667	6.72	1 1-	2ACSR	0	0	529	150	13	1	1	0.00	3.54	0
CO18668	CO18667	6.77	1 1-	4ACSR	0	0	523	150	14	1	1	0.01	3.54	0
CO18669	CO18668	6.88	1 1-	4ACSR	0	0	513	149	14	1	1	0.01	3.55	0
CO23777	CO18669	7.04	1 1-	4ACSR	0	0	499	147	14	1	1	0.01	3.57	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21301	CO23777	7.06	1 1-	4ACSR	0	0	497	147	14	1	1	0.00	3.57	0
CO21343	CO21301	7.28	0 1-	4ACSR	0	0	479	145	0	0	0	0.00	3.57	0
CO21342	CO21343	7.28	0 1-	4ACSR	0	0	479	145	0	0	0	0.00	3.57	0
CO18663	CO18664	6.52	2 1-	2ACSR	0	0	550	152	8	1	1	0.00	3.50	0
CO18660	CO18659	6.28	1 1-	4ACSR	0	0	573	154	5	0	1	0.00	3.43	0
CO18606	CO18657	6.27	38 1-	6ACWC	0	0	574	154	162	22	16	0.26	3.64	70
CO18732	CO18606	6.48	37 1-	6ACWC	0	0	552	152	161	22	16	0.20	3.84	54
OC573279180	CO18732	6.48	36 1-	20 N FUSE	0	0	552	152	158	22	110	0.00	3.84	0
CO18733	OC573279180	6.66	36 1-	6ACWC	0	0	534	151	158	22	16	0.18	4.03	48
CO18658	CO18733	6.82	35 1-	6ACWC	0	0	519	149	155	21	15	0.15	4.18	39
CO23774	CO18658	6.94	35 1-	6ACWC	0	0	509	148	155	21	15	0.11	4.29	29
CO21187	CO23774	7.14	32 1-	6ACWC	0	0	491	147	141	19	14	0.18	4.47	41
CO21228	CO21187	7.39	30 1-	6ACWC	0	0	471	145	134	18	13	0.21	4.68	47
CO21227	CO21228	7.54	30 1-	6ACWC	0	0	460	143	134	18	13	0.13	4.81	28
CO21201	CO21227	7.66	1 1-	4ACSR	0	0	451	142	6	0	1	0.00	4.81	0
CO21349	CO21227	7.54	29 1-	6ACWC	0	0	459	143	128	17	13	0.01	4.81	0
OC638	CO21349	7.54	29 1-	10 H OCR	0	0	459	143	128	17	179	0.00	4.81	0
CO21350	OC638	7.63	29 1-	6ACWC	0	0	453	143	128	17	13	0.07	4.88	14
CO21229	CO21350	7.68	29 1-	6ACWC	0	0	449	142	128	17	13	0.05	4.92	10
CO21189	CO21229	7.86	14 1-	6ACWC	0	0	437	141	53	7	5	0.06	4.98	5
OC34123186	CO21189	7.86	14 1-	20 N FUSE	0	0	437	141	53	7	37	0.00	4.98	0
CO21232	OC34123186	7.94	12 1-	6ACWC	0	0	431	140	38	5	4	0.02	5.00	0
CO21231	CO21232	8.14	12 1-	6ACWC	0	0	419	139	38	5	4	0.05	5.05	3
CO21240	CO21231	8.31	4 1-	4ACSR	0	0	408	138	11	1	1	0.01	5.05	0
CO21239	CO21240	8.42	3 1-	4ACSR	0	0	401	137	2	0	0	0.00	5.06	0
CO21237	CO21239	8.52	1 1-	4ACSR	0	0	396	136	0	0	0	0.00	5.06	0
CO21238	CO21237	8.57	0 1-	4ACSR	0	0	392	136	0	0	0	0.00	5.06	0
CO21236	CO21231	8.44	5 1-	8ACWC	0	0	395	136	9	1	1	0.03	5.07	0
CO-276496211	CO21236	8.64	4 1-	2ACSR	0	0	386	135	9	1	1	0.01	5.08	0
CO1976948756	CO-276496211	8.67	3 1-	2ACSR	0	0	385	134	2	0	0	0.00	5.08	0
CO21235	CO1976948756	8.73	3 1-	8ACWC	0	0	380	134	2	0	0	0.00	5.08	0
CO21234	CO21235	8.80	1 1-	8ACWC	0	0	375	133	0	0	0	0.00	5.08	0
CO21203	CO21234	9.17	1 1-	4ACSR	0	0	357	131	0	0	0	0.00	5.08	0
CO30542	CO21234	9.00	0 1-	8ACWC	0	0	362	131	0	0	0	0.00	5.08	0
CO21344	CO30542	9.00	0 1-	8ACWC	0	0	362	131	0	0	0	0.00	5.08	0
CO-1176267393	CO-276496211	8.68	1 1-	2ACSR	0	0	384	134	7	1	1	0.00	5.08	0
CO21308	CO21231	8.18	3 1-	4ACSR	0	0	416	138	18	2	2	0.00	5.05	0
CO21307	CO21308	8.31	2 1-	4ACSR	0	0	408	137	15	2	1	0.01	5.06	0
CO21306	OC34123186	8.07	2 1-	4ACSR	0	0	423	139	14	2	1	0.01	5.00	0
CO21305	CO21306	8.15	1 1-	4ACSR	0	0	418	139	7	1	1	0.00	5.00	0
CO21188	CO21229	7.86	15 1-	6ACWC	0	0	437	141	75	10	8	0.08	5.00	10
OC735311694	CO21188	7.86	15 1-	20 N FUSE	0	0	437	141	75	10	53	0.00	5.00	0
CO21230	OC735311694	7.98	15 1-	6ACWC	0	0	429	140	75	10	8	0.06	5.06	8
CO23772	CO21230	8.16	15 1-	6ACWC	0	0	417	139	75	10	8	0.08	5.15	10
CO21446	CO23772	8.23	12 1-	6ACWC	0	0	413	138	66	9	7	0.03	5.17	3
CO21448	CO21446	8.27	10 1-	6ACWC	0	0	410	138	58	8	6	0.02	5.19	0
CO21447	CO21448	8.32	10 1-	6ACWC	0	0	408	137	58	8	6	0.01	5.21	0
CO21449	CO21447	8.47	8 1-	6ACWC	0	0	399	136	47	6	5	0.04	5.25	3
CO23771	CO21449	8.62	7 1-	6ACWC	0	0	390	135	42	5	4	0.04	5.29	3
CO23770	CO23771	8.74	0 1-	4ACSR	0	0	383	134	0	0	0	0.00	5.29	0
CO18821	CO23771	8.66	7 1-	6ACWC	0	0	388	135	42	5	4	0.01	5.30	0
CO18946	CO18821	8.70	5 1-	6ACWC	0	0	386	135	38	5	4	0.01	5.31	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19008	CO18946	8.78	5 1-	2ACSR	0	0	382	134	38	5	3	0.01	5.32	0
CO-1726372136	CO19008	8.89	1 1-	2ACSR	0	0	378	134	0	0	0	0.00	5.32	0
CO409866866	CO19008	8.82	3 1-	2ACSR	0	0	380	134	26	3	2	0.01	5.33	0
CO19009	CO409866866	8.93	3 1-	6ACWC	0	0	375	133	26	3	3	0.01	5.34	0
CO-1609944947	CO19009	9.00	2 1-	2ACSR	0	0	372	133	16	2	1	0.01	5.34	0
CO718810466	CO-1609944947	9.21	0 1-	2ACSR	0	0	364	132	0	0	0	0.00	5.34	0
CO2078497979	CO718810466	9.41	0 1-	2ACSR	0	0	356	131	0	0	0	0.00	5.34	0
SW1852930236-B	CO2078497979	9.41	0 1-	Closed	0	0	356	131	0	0	0	0.00	5.34	0
SW1852930236-A	SW1852930236-B	9.41	0 1-	Closed	0	0	356	131	0	0	0	0.00	5.34	0
CO18947	CO-1609944947	9.07	2 1-	6ACWC	0	0	369	133	16	2	2	0.00	5.35	0
CO18854	CO18821	8.85	1 1-	4ACSR	0	0	378	134	4	0	0	0.00	5.30	0
CO21397	CO21446	8.35	2 1-	4ACSR	0	0	405	137	8	1	1	0.00	5.18	0
CO21412	CO23772	8.21	3 1-	2ACSR	0	0	415	138	9	1	1	0.00	5.15	0
CO21202	OC735311694	8.14	0 1-	4ACSR	0	0	418	139	0	0	0	0.00	5.00	0
CO21302	CO21187	7.25	2 1-	4ACSR	0	0	482	146	6	0	1	0.00	4.47	0
CO21304	CO21302	7.35	2 1-	4ACSR	0	0	474	145	6	0	1	0.00	4.48	0
CO30555	CO21304	7.39	2 1-	4ACSR	0	0	471	145	6	0	1	0.00	4.48	0
CO21303	CO30555	7.44	1 1-	4ACSR	0	0	467	144	6	0	1	0.00	4.48	0
CO23773	CO23774	7.07	3 1-	4ACSR	0	0	497	147	14	1	1	0.01	4.30	0
CO18730	CO23773	7.13	2 1-	4ACSR	0	0	492	147	0	0	0	0.00	4.30	0
CO18731	CO18730	7.22	1 1-	4ACSR	0	0	484	146	0	0	0	0.00	4.30	0
CO23775	CO18733	6.73	1 1-	4ACSR	0	0	527	150	3	0	0	0.00	4.03	0
CO23776	CO18606	6.50	1 1-	4ACSR	0	0	550	152	0	0	0	0.00	3.64	0
CO18736	CO18739	5.78	4 1-	4ACSR	0	0	630	158	23	3	2	0.02	2.91	0
CO18737	CO18736	5.90	3 1-	4ACSR	0	0	616	157	21	2	2	0.01	2.92	0
CO18621	CO18737	5.99	2 1-	4ACSR	0	0	605	157	9	1	1	0.00	2.92	0
CO18670	CO18737	6.09	1 1-	4ACSR	0	0	594	156	12	1	1	0.01	2.93	0
CO18671	CO18670	6.22	1 1-	4ACSR	0	0	579	154	12	1	1	0.01	2.94	0
CO18672	CO18671	6.29	1 1-	4ACSR	0	0	571	154	12	1	1	0.00	2.95	0
CO18734	CO18729	5.59	2 1-	4ACSR	0	0	655	160	3	0	0	0.00	2.66	0
CO18735	CO18734	5.65	1 1-	4ACSR	0	0	647	160	1	0	0	0.00	2.66	0
CO18605	CO18741	5.40	94 3-	1/0ACSR	779	746	684	163	469	21	9	0.04	2.38	30
CO30700	CO18605	5.64	0 3-	1/0ACSR	757	723	660	162	0	0	0	0.00	2.38	0
CO18618	CO18605	5.47	0 1-	4ACSR	0	0	674	162	0	0	0	0.00	2.38	0
CO18607	CO18605	5.40	94 3-	1/0ACSR	778	745	684	163	468	21	9	0.00	2.38	0
RG35	CO18607	5.40	93 3-	100.000000000000	778	745	684	163	468	21	0	-2.38	0.00	0
CO18673	RG35	5.45	93 3-	1/0ACSR	774	740	679	163	468	21	9	0.02	0.02	13
CO18674	CO18673	5.52	93 3-	1/0ACSR	768	734	672	162	468	21	9	0.02	0.04	17
CO18753	CO18674	5.65	2 1-	4ACSR	0	0	654	161	2	0	0	0.00	0.04	0
CO18754	CO18753	5.84	1 1-	4ACSR	0	0	631	159	0	0	0	0.00	0.04	0
CO18677	CO18674	5.80	91 3-	1/0ACSR	744	708	645	161	466	21	9	0.10	0.15	72
CO18678	CO18677	5.92	91 3-	1/0ACSR	734	699	635	160	466	21	9	0.04	0.19	29
CO18679	CO18678	6.00	91 3-	1/0ACSR	728	691	627	160	466	21	9	0.03	0.22	21
CO18751	CO18679	6.09	91 3-	1/0ACSR	720	684	620	159	466	21	9	0.03	0.25	23
CO18752	CO18751	6.25	90 3-	1/0ACSR	708	671	607	159	463	20	9	0.06	0.31	39
CO18782	CO18752	6.32	87 3-	1/0ACSR	703	665	601	158	455	20	9	0.03	0.33	18
CO18783	CO18782	6.40	82 3-	1/0ACSR	697	659	594	158	438	19	9	0.03	0.36	18
CO18622	CO18783	6.45	1 1-	4ACSR	0	0	589	157	2	0	0	0.00	0.36	0
CO18608	CO18783	6.45	81 3-	1/0ACSR	693	655	590	158	436	19	9	0.02	0.38	12
CO18647	CO18608	6.91	2 1-	4ACSR	0	0	544	153	7	1	1	0.02	0.40	0
CO18648	CO18647	6.97	0 1-	4ACSR	0	0	539	153	0	0	0	0.00	0.40	0
CO18725	CO18647	7.07	2 1-	2ACSR	0	0	531	152	7	1	1	0.00	0.41	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18726	CO18725	7.14	1 1-	2ACSR	0	0	526	152	7	0	1	0.00	0.41	0
CO18724	CO18726	7.18	1 1-	2ACSR	0	0	523	152	7	0	1	0.00	0.41	0
CO18682	CO18608	6.57	79 3-	1/0ACSR	685	646	581	157	429	19	8	0.04	0.42	24
CO18749	CO18682	6.58	79 3-	1/0ACSR	684	645	581	157	429	19	8	0.00	0.42	0
CO18750	CO18749	6.61	77 3-	1/0ACSR	681	643	578	157	416	18	8	0.01	0.43	7
CO18795	CO18750	6.62	74 3-	1/0ACSR	681	642	577	157	401	18	8	0.00	0.44	0
OC569	CO18795	6.62	74 3-	70 L OCR	681	642	577	157	401	18	26	0.00	0.44	0
CO18796	OC569	6.63	74 3-	1/0ACSR	680	641	576	157	401	18	8	0.00	0.44	3
CO18683	CO18796	6.93	74 3-	1/0ACSR	660	620	556	155	401	18	8	0.09	0.53	55
CO18628	CO18683	7.05	2 1-	4ACSR	0	0	544	154	7	0	1	0.00	0.53	0
CO18625	CO18683	7.00	2 1-	4ACSR	0	0	549	155	2	0	0	0.00	0.53	0
CO18684	CO18683	6.94	70 3-	1/0ACSR	659	619	555	155	393	17	8	0.00	0.54	2
CO18685	CO18684	6.95	70 3-	1/0ACSR	658	619	554	155	393	17	8	0.00	0.54	0
CO18626	CO18685	7.12	1 1-	4ACSR	0	0	538	154	6	0	1	0.00	0.54	0
CO18609	CO18685	7.05	69 3-	1/0ACSR	652	612	547	155	387	17	8	0.03	0.57	17
CO18747	CO18609	7.10	21 3-	4ACSR	647	607	542	154	144	6	5	0.01	0.58	3
CO18748	CO18747	7.16	19 3-	4ACSR	641	602	537	154	123	5	4	0.01	0.59	3
CO23805	CO18748	7.30	18 1-	4ACSR	0	0	524	153	123	16	12	0.10	0.70	20
OC379878579	CO23805	7.30	18 1-	20 N FUSE	0	0	524	153	123	16	83	0.00	0.70	0
CO18963	OC379878579	7.50	15 1-	4ACSR	0	0	507	151	95	12	9	0.12	0.82	18
CO19014	CO18963	7.57	14 1-	4ACSR	0	0	501	150	88	11	9	0.04	0.85	5
CO19015	CO19014	7.70	13 1-	4ACSR	0	0	490	149	88	11	9	0.07	0.92	10
CO19016	CO19015	7.74	12 1-	4ACSR	0	0	487	149	83	11	8	0.02	0.95	3
CO18901	CO19016	7.78	11 1-	4ACSR	0	0	484	148	68	9	7	0.02	0.96	0
CO30550	CO18901	7.86	11 1-	4ACSR	0	0	478	148	68	9	7	0.03	0.99	3
CO18902	CO30550	7.95	10 1-	4ACSR	0	0	471	147	62	8	6	0.04	1.03	4
CO18954	CO18902	8.04	2 1-	4ACSR	0	0	465	146	14	1	1	0.00	1.03	0
CO18955	CO18954	8.08	1 1-	4ACSR	0	0	462	146	0	0	0	0.00	1.03	0
CO18876	CO18902	8.03	1 1-	4ACSR	0	0	465	146	2	0	0	0.00	1.03	0
CO18834	CO18902	7.98	7 1-	4ACSR	0	0	469	147	46	6	4	0.01	1.04	0
CO18906	CO18834	8.30	0 1-	4ACSR	0	0	446	144	0	0	0	0.00	1.04	0
CO18903	CO18834	8.04	7 1-	4ACSR	0	0	464	146	46	6	4	0.02	1.05	0
CO18904	CO18903	8.07	7 1-	4ACSR	0	0	463	146	46	6	4	0.01	1.06	0
CO18905	CO18904	8.12	4 1-	4ACSR	0	0	459	146	32	4	3	0.01	1.07	0
CO19018	CO18905	8.19	2 1-	4ACSR	0	0	453	145	21	2	2	0.01	1.08	0
CO19019	CO19018	8.25	1 1-	4ACSR	0	0	449	145	8	1	1	0.00	1.08	0
CO18959	CO19019	8.38	1 1-	4ACSR	0	0	440	143	8	1	1	0.00	1.08	0
CO18956	CO18905	8.25	2 1-	4ACSR	0	0	449	145	11	1	1	0.00	1.07	0
CO18957	CO18956	8.36	1 1-	4ACSR	0	0	442	144	0	0	0	0.00	1.07	0
CO18958	CO18957	8.48	1 1-	4ACSR	0	0	434	143	0	0	0	0.00	1.07	0
CO18881	CO18904	8.16	3 1-	2ACSR	0	0	457	145	14	1	1	0.01	1.07	0
CO-238451656	CO18881	8.20	2 1-	2ACSR	0	0	455	145	14	1	1	0.00	1.07	0
CO18875	CO19016	7.82	1 1-	4ACSR	0	0	481	148	14	1	1	0.00	0.95	0
CO18874	CO18963	7.56	1 1-	4ACSR	0	0	502	150	7	0	1	0.00	0.82	0
CO18880	OC379878579	7.33	3 1-	2ACSR	0	0	522	152	27	3	2	0.00	0.70	0
CO23804	CO18748	7.32	0 1-	4ACSR	0	0	522	152	0	0	0	0.00	0.59	0
OC27653694	CO23804	7.32	0 1-	20 N FUSE	0	0	522	152	0	0	0	0.00	0.59	0
CO18745	CO18609	7.07	45 1-	4ACSR	0	0	545	155	224	30	22	0.03	0.60	10
OC1960765186	CO18745	7.07	43 1-	20 N FUSE	0	0	545	155	212	28	144	0.00	0.60	0
CO18746	OC1960765186	7.08	43 1-	4ACSR	0	0	544	155	212	28	21	0.02	0.61	6
CO18686	CO18746	7.14	39 1-	4ACSR	0	0	539	154	180	24	17	0.06	0.67	17
CO18687	CO18686	7.19	38 1-	4ACSR	0	0	534	154	171	23	17	0.05	0.73	14

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18649	CO18687	7.24	6 1-	4ACSR	0	0	530	153	34	4	3	0.01	0.73	0
CO18650	CO18649	7.29	3 1-	4ACSR	0	0	525	153	11	1	1	0.00	0.74	0
CO18629	CO18649	7.27	1 1-	4ACSR	0	0	526	153	0	0	0	0.00	0.73	0
CO18688	CO18687	7.23	32 1-	4ACSR	0	0	531	153	137	18	13	0.03	0.76	7
CO18689	CO18688	7.35	30 1-	4ACSR	0	0	520	152	127	17	12	0.10	0.86	20
CO18743	CO18689	7.43	4 1-	4ACSR	0	0	513	151	32	4	3	0.01	0.87	0
CO18744	CO18743	7.49	3 1-	4ACSR	0	0	508	151	21	2	2	0.01	0.88	0
CO18651	CO18744	7.53	1 1-	4ACSR	0	0	504	151	3	0	0	0.00	0.88	0
CO18627	CO18744	7.57	2 1-	4ACSR	0	0	501	150	19	2	2	0.00	0.88	0
CO18742	CO18689	7.59	26 1-	4ACSR	0	0	499	150	95	12	9	0.14	1.00	22
CO23813	CO18742	7.83	25 1-	4ACSR	0	0	480	148	95	12	9	0.14	1.14	21
CO18175	CO23813	8.03	4 1-	4ACSR	0	0	465	146	4	0	0	0.00	1.14	0
CO18174	CO18175	8.20	2 1-	4ACSR	0	0	453	145	2	0	0	0.00	1.14	0
CO18126	CO18174	8.25	1 1-	4ACSR	0	0	449	144	2	0	0	0.00	1.14	0
CO18250	CO18174	8.32	1 1-	4ACSR	0	0	445	144	0	0	0	0.00	1.14	0
CO18249	CO18250	8.40	1 1-	4ACSR	0	0	439	143	0	0	0	0.00	1.14	0
CO18166	CO23813	8.06	21 1-	4ACSR	0	0	463	146	91	12	9	0.13	1.27	19
CO18165	CO18166	8.17	20 1-	4ACSR	0	0	455	145	88	12	9	0.06	1.33	9
CO18127	CO18165	8.31	1 1-	4ACSR	0	0	445	144	3	0	0	0.00	1.33	0
CO18101	CO18165	8.27	18 1-	4ACSR	0	0	448	144	80	10	8	0.05	1.37	6
CO18128	CO18101	8.30	1 1-	4ACSR	0	0	446	144	3	0	0	0.00	1.37	0
CO18102	CO18101	8.41	17 1-	4ACSR	0	0	439	143	77	10	7	0.07	1.44	8
CO23814	CO18102	8.66	1 1-	4ACSR	0	0	422	141	1	0	0	0.00	1.44	0
CO18167	CO18102	8.52	16 1-	4ACSR	0	0	431	142	76	10	7	0.05	1.49	6
CO18170	CO18167	8.63	16 1-	4ACSR	0	0	424	141	76	10	7	0.05	1.54	6
CO18171	CO18170	8.81	14 1-	4ACSR	0	0	413	140	72	9	7	0.08	1.62	9
CO18169	CO18171	8.95	14 1-	4ACSR	0	0	405	139	72	9	7	0.06	1.68	6
CO18168	CO18169	9.09	12 1-	4ACSR	0	0	397	138	64	8	6	0.06	1.74	6
CO18129	CO18168	9.17	1 1-	4ACSR	0	0	392	137	4	0	0	0.00	1.74	0
CO18173	CO18168	9.12	11 1-	4ACSR	0	0	395	138	60	8	6	0.01	1.75	0
CO18172	CO18173	9.24	11 1-	4ACSR	0	0	388	137	60	8	6	0.04	1.79	4
CO18130	CO18172	9.34	1 1-	4ACSR	0	0	383	136	1	0	0	0.00	1.79	0
CO18103	CO18172	9.44	10 1-	4ACSR	0	0	378	135	59	8	6	0.07	1.87	7
CO18104	CO18103	9.64	10 1-	4ACSR	0	0	368	134	59	8	6	0.07	1.94	7
CO18131	CO18104	9.69	1 1-	4ACSR	0	0	365	134	10	1	1	0.00	1.94	0
CO23816	CO18104	9.80	9 1-	4ACSR	0	0	360	133	49	6	5	0.05	1.99	4
CO23817	CO23816	9.96	9 1-	4ACSR	0	0	353	132	49	6	5	0.05	2.04	4
CO18132	CO23817	10.04	0 1-	4ACSR	0	0	349	131	0	0	0	0.00	2.04	0
CO18105	CO23817	10.14	8 1-	4ACSR	0	0	344	131	48	6	5	0.05	2.09	4
CO18311	CO18105	10.22	5 1-	4ACSR	0	0	341	130	28	3	3	0.01	2.10	0
CO18238	CO18311	10.27	4 1-	4ACSR	0	0	339	130	18	2	2	0.01	2.11	0
CO18157	CO18238	10.37	0 1-	4ACSR	0	0	335	129	0	0	0	0.00	2.11	0
CO18239	CO18238	10.33	4 1-	4ACSR	0	0	336	129	18	2	2	0.01	2.11	0
CO23820	CO18239	10.45	3 1-	4ACSR	0	0	332	129	13	1	1	0.01	2.12	0
CO18767	CO23820	10.53	2 1-	4ACSR	0	0	328	128	11	1	1	0.01	2.13	0
CO18642	CO18767	10.65	1 1-	4ACSR	0	0	324	127	0	0	0	0.00	2.13	0
CO23821	CO18767	10.77	1 1-	4ACSR	0	0	319	127	11	1	1	0.02	2.14	0
CO18158	CO23821	10.85	1 1-	4ACSR	0	0	316	126	11	1	1	0.00	2.15	0
CO18123	CO23821	10.87	0 1-	4ACSR	0	0	315	126	0	0	0	0.00	2.14	0
CO18124	CO18123	11.09	0 1-	4ACSR	0	0	307	125	0	0	0	0.00	2.14	0
CO18241	CO18123	10.96	0 1-	4ACSR	0	0	312	125	0	0	0	0.00	2.14	0
CO18240	CO18241	11.29	0 1-	4ACSR	0	0	300	123	0	0	0	0.00	2.14	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23819	CO18105	10.24	1 1-	4ACSR	0	0	340	130	8	1	1	0.00	2.09	0
CO-1106983347	CO18105	10.18	1 1-	2ACSR	0	0	343	130	8	1	1	0.00	2.09	0
CO23818	CO23817	10.03	1 1-	4ACSR	0	0	350	131	1	0	0	0.00	2.04	0
CO23815	CO18103	9.59	0 1-	4ACSR	0	0	370	134	0	0	0	0.00	1.87	0
CO-1404555457	CO18170	8.67	1 1-	1/0PRIURD	0	0	423	258	1	0	0	0.00	1.54	0
CO-634108238	CO18165	8.28	1 1-	2ACSR	0	0	449	145	6	0	0	0.00	1.33	0
CO18624	CO18750	6.67	1 1-	4ACSR	0	0	572	156	2	0	0	0.00	0.43	0
CO18623	CO18750	6.68	2 1-	4ACSR	0	0	571	156	12	1	1	0.00	0.44	0
CO1600253742	CO18782	6.38	0 1-	2ACSR	0	0	595	158	0	0	0	0.00	0.33	0
CO-1476573611	CO18782	6.41	2 1-	2ACSR	0	0	593	158	6	0	0	0.00	0.34	0
CO18680	CO18752	6.40	3 1-	4ACSR	0	0	590	157	8	1	1	0.00	0.31	0
CO18681	CO18680	6.47	1 1-	4ACSR	0	0	582	157	1	0	0	0.00	0.31	0
CO18675	CO18607	5.51	1 1-	1/0ACSR	0	0	673	162	0	0	0	0.00	2.38	0
CO18676	CO18675	5.61	1 1-	1/0ACSR	0	0	663	162	0	0	0	0.00	2.38	0
CO18645	CO18676	5.68	1 1-	1/0PRIURD	0	0	657	341	0	0	0	0.00	2.38	0
CO18619	CO18604	5.15	1 1-	4ACSR	0	0	707	163	5	0	1	0.00	2.20	0
CO18638	CO18616	4.83	2 1-	4ACSR	0	0	742	165	11	1	1	0.00	2.00	0
CO18721	CO18616	4.77	5 1-	4ACSR	0	0	752	166	23	3	2	0.01	2.01	0
CO18780	CO18721	4.88	3 1-	4ACSR	0	0	733	164	19	2	2	0.01	2.02	0
CO18781	CO18780	4.99	2 1-	4ACSR	0	0	717	163	9	1	1	0.00	2.02	0
CO18641	CO18798	4.05	1 1-	4ACSR	0	0	848	169	0	0	0	0.00	1.53	0
CO18611+	OC566	3.58	57 3-	1/0ACSR	1515	1444	1320	317	182	7	3	0.00	0.58	2
CO18793+	CO18611	3.59	6 1-	4ACSR	0	0	1318	317	25	1	1	0.00	0.58	0
OC561+	CO18793	3.59	6 1-	25 E OCR	0	0	1318	317	25	1	7	0.00	0.58	0
CO18794+	OC561	3.68	6 1-	4ACSR	0	0	1292	315	25	1	1	0.00	0.58	0
CO18632+	CO18794	3.74	1 1-	4ACSR	0	0	1277	314	7	0	0	0.00	0.58	0
CO18696+	CO18794	3.86	4 1-	4ACSR	0	0	1246	312	14	0	1	0.00	0.58	0
CO18697+	CO18696	3.93	4 1-	4ACSR	0	0	1226	310	14	0	1	0.00	0.59	0
CO18698+	CO18697	4.26	4 1-	4ACSR	0	0	1150	305	14	0	1	0.01	0.59	0
CO18699+	CO18698	4.37	2 1-	4ACSR	0	0	1125	303	10	0	1	0.00	0.59	0
CO18700+	CO18699	4.52	1 1-	4ACSR	0	0	1092	300	0	0	0	0.00	0.59	0
CO18701+	CO18700	4.56	1 1-	4ACSR	0	0	1084	299	0	0	0	0.00	0.59	0
CO23778+	CO18701	4.62	0 1-	4ACSR	0	0	1073	298	0	0	0	0.00	0.59	0
CO21300+	CO23778	4.84	0 1-	4ACSR	0	0	1030	295	0	0	0	0.00	0.59	0
CO18702+	CO18701	4.68	1 1-	4ACSR	0	0	1061	297	0	0	0	0.00	0.59	0
CO18703+	CO18702	4.81	1 1-	4ACSR	0	0	1035	295	0	0	0	0.00	0.59	0
CO18693+	CO18611	3.77	51 3-	397ACSR	1495	1423	1296	316	157	7	1	-0.01	0.57	0
CO30678+	CO18693	3.98	0 3-	397ACSR	1473	1402	1272	316	0	0	0	0.00	0.57	0
CO18692+	CO18693	3.78	51 3-	397ACSR	1494	1422	1295	316	157	7	1	0.00	0.57	0
CA66+	CO18692	3.78	0 3-	Capacitor	1494	1422	1295	316	0	-7	0	0.00	0.57	0
CO-1903870879+	CO18692	3.83	1 1-	2ACSR	0	0	1284	316	7	0	0	0.00	0.57	0
CO18610+	CO18692	3.97	49 3-	1/0ACSR	1461	1390	1260	314	149	3	1	0.01	0.58	0
CO18631+	CO18610	4.14	2 1-	4ACSR	0	0	1217	311	6	0	0	0.00	0.58	0
CO18691+	CO18610	4.06	47 3-	1/0ACSR	1445	1375	1243	314	143	3	1	0.00	0.58	0
CO18690+	CO18691	4.40	47 3-	1/0ACSR	1392	1322	1187	311	143	3	1	0.01	0.59	0
CO18630+	CO18690	4.55	1 1-	4ACSR	0	0	1153	308	0	0	0	0.00	0.59	0
CO23793+	CO18690	4.70	46 3-	1/0ACSR	1347	1279	1141	308	143	3	1	0.01	0.60	0
CO18040+	CO23793	4.78	13 1-	4ACSR	0	0	1123	306	22	1	1	0.00	0.60	0
XFMR97	CO18040	4.78	13 1-	167 KVA 1PH AUT	0	0	634	168	22	1	13	0.08	0.68	0
CO18098	XFMR97	4.79	13 1-	4ACSR	0	0	633	168	22	2	2	0.00	0.68	0
OC547	CO18098	4.79	13 1-	35 E OCR	0	0	633	168	22	2	8	0.00	0.68	0
CO18099	OC547	4.91	13 1-	4ACSR	0	0	622	166	22	2	2	0.01	0.70	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18083	CO18099	5.20	11 1-	4ACSR	0	0	594	163	18	2	2	0.03	0.73	0
CO18084	CO18083	5.42	10 1-	4ACSR	0	0	574	161	16	2	2	0.02	0.75	0
CO18041	CO18084	5.54	10 1-	6HDCU	0	0	563	160	16	2	2	0.01	0.76	0
CO18085	CO18041	5.61	10 1-	6HDCU	0	0	557	159	16	2	2	0.01	0.77	0
CO18086	CO18085	6.20	9 1-	6HDCU	0	0	508	154	15	1	2	0.05	0.82	0
CO18087	CO18086	6.33	8 1-	6HDCU	0	0	498	153	15	1	2	0.01	0.83	0
CO18088	CO18087	6.39	6 1-	6HDCU	0	0	494	152	12	1	1	0.00	0.84	0
CO23824	CO18088	6.50	6 1-	6HDCU	0	0	485	151	12	1	1	0.01	0.84	0
CO23823	CO23824	6.59	0 1-	4ACSR	0	0	478	150	0	0	0	0.00	0.84	0
CO23822	CO23824	6.63	6 1-	6HDCU	0	0	475	150	12	1	1	0.01	0.85	0
CO18147	CO23822	6.67	1 1-	4ACSR	0	0	473	150	2	0	0	0.00	0.85	0
CO18189	CO23822	6.93	5 1-	6HDCU	0	0	455	147	9	1	1	0.01	0.87	0
CO18188	CO18189	7.09	4 1-	6HDCU	0	0	444	146	6	0	1	0.01	0.87	0
CO18190	CO18188	7.21	3 1-	6HDCU	0	0	437	145	6	0	1	0.00	0.88	0
CO18148	CO18190	7.51	1 1-	4ACSR	0	0	418	143	0	0	0	0.00	0.88	0
CO18194	CO18190	7.24	2 1-	4ACSR	0	0	435	145	6	0	1	0.00	0.88	0
CO18193	CO18194	7.35	1 1-	4ACSR	0	0	428	144	3	0	0	0.00	0.88	0
CO18191	CO18193	7.56	1 1-	4ACSR	0	0	416	142	3	0	0	0.00	0.88	0
CO18192	CO18191	7.65	1 1-	4ACSR	0	0	410	142	3	0	0	0.00	0.88	0
CO18046	CO18086	6.23	1 1-	4ACSR	0	0	505	153	0	0	0	0.00	0.82	0
CO18057	CO18041	5.69	0 1-	4ACSR	0	0	550	159	0	0	0	0.00	0.76	0
SW-1013456073-B	CO18057	5.69	0 1-	Closed	0	0	550	159	0	0	0	0.00	0.76	0
SW-1013456073-A	SW-1013456073-B	5.69	0 1-	Closed	0	0	550	159	0	0	0	0.00	0.76	0
CO18058	SW-1013456073-A	5.88	0 1-	4ACSR	0	0	533	157	0	0	0	0.00	0.76	0
CO18059	CO18058	5.95	0 1-	4ACSR	0	0	527	156	0	0	0	0.00	0.76	0
CO18060	CO18059	6.02	0 1-	4ACSR	0	0	522	155	0	0	0	0.00	0.76	0
CO18061	CO18060	6.17	0 1-	4ACSR	0	0	509	154	0	0	0	0.00	0.76	0
CO18039+	CO23793	4.92	32 3-	1/0ACSR	1316	1249	1109	306	121	2	1	0.01	0.60	0
CO18081+	CO18039	5.05	2 1-	4ACSR	0	0	1082	303	10	0	0	0.00	0.60	0
CO18082+	CO18081	5.22	1 1-	4ACSR	0	0	1050	301	2	0	0	0.00	0.60	0
CO18080+	CO18039	4.97	29 3-	1/0ACSR	1308	1241	1101	305	104	2	1	0.00	0.60	0
CO18079+	CO18080	5.05	29 3-	1/0ACSR	1298	1232	1091	305	104	2	1	0.00	0.60	0
CA-238302668+	CO18079	5.05	0 3-	Capacitor	1298	1232	1091	305	0	0	0	0.00	0.60	0
CO18056+	CO18079	5.14	28 3-	1/0ACSR	1286	1220	1079	304	101	2	1	0.00	0.61	0
CO18078+	CO18056	5.16	28 3-	1/0ACSR	1283	1217	1076	304	101	2	1	0.00	0.61	0
CO18077+	CO18078	5.25	28 3-	1/0ACSR	1271	1205	1063	303	101	2	1	0.00	0.61	0
CO18076+	CO18077	5.48	26 3-	1/0ACSR	1242	1177	1035	301	96	2	1	0.00	0.61	0
CO18074+	CO18076	5.63	2 1-	4ACSR	0	0	1009	298	5	0	0	0.00	0.61	0
CO18075+	CO18074	5.70	1 1-	4ACSR	0	0	997	297	3	0	0	0.00	0.61	0
CO18052+	CO18075	6.13	1 1-	4ACSR	0	0	928	290	3	0	0	0.00	0.62	0
CO18053+	CO18052	6.33	1 1-	4ACSR	0	0	898	287	3	0	0	0.00	0.62	0
CO18051+	CO18076	5.55	22 3-	1/0ACSR	1233	1169	1026	300	80	1	1	0.00	0.61	0
CO23780+	CO18051	5.66	22 3-	1/0ACSR	1220	1157	1014	299	80	1	1	0.00	0.62	0
CO20001+	CO23780	5.76	20 3-	1/0ACSR	1208	1145	1001	298	78	1	1	0.00	0.62	0
CO20000+	CO20001	5.84	20 3-	1/0ACSR	1199	1136	993	298	77	1	1	0.00	0.62	0
CO20057+	CO20000	5.87	18 3-	1/0ACSR	1195	1132	989	298	62	1	1	0.00	0.62	0
CO20056+	CO20057	6.03	17 3-	1/0ACSR	1176	1115	971	296	62	1	1	0.00	0.62	0
CO20002+	CO20056	6.18	16 3-	1/0ACSR	1161	1100	955	295	59	1	1	0.00	0.62	0
CO20094+	CO20002	6.18	11 1-	4ACSR	0	0	954	295	41	2	2	0.00	0.62	0
OC603+	CO20094	6.18	11 1-	10 N FUSE	0	0	954	295	41	2	28	0.00	0.62	0
CO20095+	OC603	6.31	11 1-	4ACSR	0	0	935	293	41	2	2	0.01	0.63	0
CO20060+	CO20095	6.35	11 1-	4ACSR	0	0	929	292	41	2	2	0.00	0.63	0

Substation Power Factor: 0.99
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20061+	CO20060	6.41	10 1-	4ACSR	0	0	921	291	41	2	2	0.00	0.64	0
CO20062+	CO20061	6.75	9 1-	4ACSR	0	0	874	286	40	2	2	0.02	0.65	0
CO19970+	CO20062	6.88	1 1-	4ACSR	0	0	856	284	1	0	0	0.00	0.66	0
CO19956+	CO20062	6.91	7 1-	4ACSR	0	0	853	283	29	1	1	0.01	0.66	0
CO19999+	CO19956	7.31	0 1-	4ACSR	0	0	804	277	0	0	0	0.00	0.66	0
OC1461375342+	CO19999	7.31	0 1-	20 N FUSE	0	0	804	277	0	0	0	0.00	0.66	0
CO23779+	OC1461375342	7.51	0 1-	4ACSR	0	0	781	274	0	0	0	0.00	0.66	0
CO19957+	CO19956	7.02	7 1-	4ACSR	0	0	838	281	29	1	1	0.00	0.67	0
CO20083+	CO19957	7.14	4 1-	4ACSR	0	0	824	280	21	1	1	0.00	0.67	0
CO20084+	CO20083	7.28	2 1-	4ACSR	0	0	807	277	11	0	1	0.00	0.67	0
CO20034+	CO20084	7.34	1 1-	4ACSR	0	0	801	277	10	0	0	0.00	0.67	0
CO19969+	CO20083	7.19	1 1-	4ACSR	0	0	817	279	1	0	0	0.00	0.67	0
CO19968+	CO19957	7.08	2 1-	4ACSR	0	0	831	280	6	0	0	0.00	0.67	0
CO20059+	CO20002	6.27	2 3-	1/0ACSR	1150	1090	946	294	14	0	0	0.00	0.62	0
CO20058+	CO20059	6.32	2 3-	1/0ACSR	1145	1085	941	294	14	0	0	0.00	0.62	0
CO20067+	CO20058	6.45	1 3-	1/0ACSR	1131	1072	927	293	6	0	0	0.00	0.62	0
CO19971+	CO20000	5.95	2 1-	4ACSR	0	0	974	296	15	1	1	0.00	0.62	0
CO19972+	CO23780	5.69	2 1-	4ACSR	0	0	1007	299	2	0	0	0.00	0.62	0
CO18045+	CO18076	5.62	1 1-	4ACSR	0	0	1011	299	8	0	0	0.00	0.61	0
CO18044+	CO18076	5.55	1 1-	4ACSR	0	0	1022	300	4	0	0	0.00	0.61	0
CO18054+	CO18077	5.31	1 1-	2ACSR	0	0	1055	302	5	0	0	0.00	0.61	0
CO18055+	CO18054	5.45	1 1-	2ACSR	0	0	1034	300	5	0	0	0.00	0.61	0
CO-737614700+	CO18039	4.95	1 1-	2ACSR	0	0	1103	305	7	0	0	0.00	0.60	0
CO18694+	CO18692	3.80	1 1-	4ACSR	0	0	1290	316	1	0	0	0.00	0.57	0
CO18695+	CO18694	3.86	1 1-	4ACSR	0	0	1275	315	1	0	0	0.00	0.57	0
CO18757+	CO18695	3.92	1 1-	4ACSR	0	0	1259	314	1	0	0	0.00	0.57	0
CO18758+	CO18757	4.23	1 1-	4ACSR	0	0	1181	308	1	0	0	0.00	0.57	0
CO18633+	CO18801	3.28	1 1-	4ACSR	0	0	1377	319	3	0	0	0.00	0.54	0
CO18612+	CO18617	3.03	3 1-	4ACSR	0	0	1417	320	12	0	1	0.00	0.48	0
CO18635+	CO18612	3.08	1 1-	4ACSR	0	0	1399	319	6	0	0	0.00	0.48	0
CO18763+	CO18612	3.21	2 1-	4ACSR	0	0	1361	316	6	0	0	0.00	0.48	0
CO18764+	CO18763	3.37	1 1-	4ACSR	0	0	1313	313	2	0	0	0.00	0.48	0
CO18765+	CO18764	3.59	1 1-	4ACSR	0	0	1252	309	2	0	0	0.00	0.48	0
CO18766+	CO18765	3.63	0 1-	4ACSR	0	0	1240	309	0	0	0	0.00	0.48	0
CO18704+	CO18761	2.73	2 1-	4ACSR	0	0	1506	324	1	0	0	0.00	0.45	0
CO18727+	CO18704	2.75	2 1-	4ACSR	0	0	1497	324	1	0	0	0.00	0.45	0
CO18728+	CO18727	2.82	1 1-	4ACSR	0	0	1472	323	1	0	0	0.00	0.45	0
CO18159+	CO18246	1.49	1 1-	4ACSR	0	0	1903	337	4	0	0	0.00	0.26	0
CO2084344716+	CO-1724636343	0.23	0 3-	2ACSR	2429	2530	2536	350	0	0	0	0.00	0.04	0
OC-124660940	CO2084344716	0.23	0 3-	20 N FUSE	2429	2530	2536	350	0	0	0	125.96	126.00	0
CO-322495696+	CO-1734132280	0.01	0 3-	336ACSR	2527	2699	2700	353	0	0	0	0.00	0.00	0
OC-720323615+	CO-322495696	0.01	0 3-	560 200WVE	2527	2699	2700	353	0	0	0	0.00	0.00	0
CO1754029876+	OC-720323615	0.01	0 3-	336ACSR	2526	2698	2699	353	0	0	0	0.00	0.00	0
SUB	0 total losses:	\$32,240												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB	0 PEASTICKS		2074		2424	2628	2641	353	10184					
CO9119+	PEASTICKS	0.00	2074 3-	750 MCM - 42 Wi	2423	2626	2639	353	10184	230	20	0.00	0.00	10
CO9120+	CO9119	0.01	2074 3-	750 MCM - 42 Wi	2422	2625	2637	353	10184	230	20	0.00	0.00	10
CO9124+	CO9120	0.02	383 3-	750 MCM - 42 Wi	2419	2619	2631	353	1915	44	4	0.00	0.00	0
Fordge Mill+	CO9124	0.02	383 3-	560 200WVE	2419	2619	2631	353	1915	44	8	0.00	0.00	0
CO8839+	Fordge Mill	0.04	383 3-	336ACSR	2414	2611	2623	353	1915	44	9	0.00	0.01	6
CO8840+	CO8839	0.13	383 3-	336ACSR	2389	2565	2577	352	1915	44	9	0.02	0.02	34
CO9054+	CO8840	0.17	383 3-	336ACSR	2379	2548	2559	352	1915	44	9	0.01	0.03	13
CO9055+	CO9054	0.21	383 3-	336ACSR	2368	2530	2541	352	1915	44	9	0.01	0.04	14
CO9051+	CO9055	0.25	383 3-	336ACSR	2357	2512	2522	352	1915	44	9	0.01	0.05	15
CO9049+	CO9051	0.29	383 3-	336ACSR	2347	2494	2503	352	1915	44	9	0.01	0.05	15
CO9047+	CO9049	0.32	383 3-	336ACSR	2339	2481	2490	352	1915	44	9	0.01	0.06	10
CO9045+	CO9047	0.35	383 3-	336ACSR	2330	2467	2474	351	1915	44	9	0.01	0.06	12
CO9042+	CO9045	0.40	383 3-	336ACSR	2319	2449	2456	351	1914	44	9	0.01	0.07	15
CO9040+	CO9042	0.45	383 3-	336ACSR	2306	2426	2432	351	1914	44	9	0.01	0.08	19
CO9038+	CO9040	0.52	383 3-	336ACSR	2289	2399	2403	351	1914	44	9	0.01	0.09	24
CO9036+	CO9038	0.64	383 3-	336ACSR	2258	2351	2351	350	1914	44	9	0.02	0.12	46
CO9035+	CO9036	0.78	383 3-	336ACSR	2226	2302	2299	350	1914	44	9	0.02	0.14	48
CO9034+	CO9035	0.81	383 3-	336ACSR	2217	2290	2285	349	1914	44	9	0.01	0.15	13
CO9031+	CO9034	0.82	383 3-	336ACSR	2215	2285	2280	349	1914	44	9	0.00	0.15	4
CO8851+	CO9031	0.86	383 3-	336ACSR	2206	2273	2267	349	1914	44	9	0.01	0.16	13
CO9115+	CO8851	0.98	383 3-	336ACSR	2179	2233	2223	349	1914	44	9	0.02	0.18	43
CO17312+	CO9115	1.00	0 1-	336 MCM ACSR 30	0	0	2217	349	0	0	0	0.00	0.18	0
CO17313+	CO17312	1.00	0 1-	336 MCM ACSR 30	0	0	2215	349	0	0	0	0.00	0.18	0
CO8773+	CO9115	1.02	383 3-	336ACSR	2171	2222	2210	349	1913	44	9	0.01	0.18	13
CO8849+	CO8773	1.05	383 3-	336ACSR	2164	2211	2199	348	1913	44	9	0.01	0.19	12
CO8829+	CO8849	1.12	1 1-	2ACSR	0	0	2160	347	5	0	0	0.00	0.19	0
OC887925856+	CO8829	1.12	0 1-	20 N FUSE	0	0	2160	347	0	0	0	0.00	0.19	0
CO8850+	CO8849	1.06	382 3-	336ACSR	2161	2208	2194	348	1908	44	9	0.00	0.19	4
CO17010+	CO8850	1.19	381 3-	336ACSR	2132	2166	2149	348	1906	44	9	0.02	0.22	47
CO9458+	CO17010	1.25	379 3-	336ACSR	2119	2148	2128	347	1894	44	9	0.01	0.23	21
CO9654+	CO9458	1.31	377 3-	336ACSR	2106	2131	2109	347	1883	44	9	0.01	0.24	21
CO9655+	CO9654	1.36	376 3-	336ACSR	2096	2118	2094	347	1883	44	9	0.01	0.24	16
CO9549+	CO9655	1.41	2 1-	336 MCM ACSR 30	0	0	2079	347	1	0	0	0.00	0.24	0
OC-1399189891+	CO9549	1.41	1 1-	20 N FUSE	0	0	2079	347	1	0	0	0.00	0.24	0
CO9478+	OC-1399189891	1.54	1 1-	336 MCM ACSR 30	0	0	2040	346	1	0	0	0.00	0.24	0
CO9653+	CO9655	1.41	373 3-	336ACSR	2086	2104	2079	347	1870	43	8	0.01	0.25	16
CO9460+	CO9653	1.50	372 3-	336ACSR	2067	2078	2049	346	1863	43	8	0.02	0.27	32
CO9459+	CO9460	1.54	370 3-	336ACSR	2060	2068	2038	346	1851	43	8	0.01	0.28	12
CO9338+	CO9459	1.58	369 3-	336ACSR	2050	2056	2024	346	1848	43	8	0.01	0.28	16
CO9339+	CO9338	1.63	369 3-	336ACSR	2041	2043	2010	346	1848	43	8	0.01	0.29	16
CO9546+	CO9339	1.67	5 1-	336 MCM ACSR 30	0	0	1998	346	15	1	0	0.00	0.29	0
OC2107233494+	CO9546	1.67	4 1-	20 N FUSE	0	0	1998	346	10	0	4	0.00	0.29	0
CO9547+	OC2107233494	1.70	4 1-	336 MCM ACSR 30	0	0	1989	345	10	0	0	0.00	0.29	0
CO9384+	CO9547	1.73	1 1-	336 MCM ACSR 30	0	0	1982	345	4	0	0	0.00	0.29	0
CO9548+	CO9547	1.74	3 1-	336 MCM ACSR 30	0	0	1979	345	6	0	0	0.00	0.29	0
CO-1773871158+	CO9548	1.79	1 1-	2ACSR	0	0	1959	345	6	0	0	0.00	0.29	0
CO9385+	CO9339	1.64	1 1-	336 MCM ACSR 30	0	0	2006	346	3	0	0	0.00	0.29	0
OC-1436925675+	CO9385	1.64	0 1-	20 N FUSE	0	0	2006	346	0	0	0	0.00	0.29	0
CO9340+	CO9339	1.70	363 3-	336ACSR	2026	2025	1989	345	1829	42	8	0.01	0.30	23
CO9341+	CO9340	1.82	222 3-	336ACSR	2003	1994	1954	345	1014	23	5	0.01	0.32	12

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9550+	CO9341	1.85	0 1-	4ACSR	0	0	1943	344	0	0	0	0.00	0.32	0
CO9551+	CO9550	1.99	0 1-	4ACSR	0	0	1875	341	0	0	0	0.00	0.32	0
CO9461+	CO9341	1.84	222 3-	336ACSR	1999	1989	1948	345	1014	23	5	0.00	0.32	0
CO9462+	CO9461	1.88	222 3-	336ACSR	1992	1980	1938	345	1014	23	5	0.00	0.32	4
CO9418+	CO9462	1.91	1 1-	4ACSR	0	0	1926	344	11	0	1	0.00	0.32	0
OC773236313+	CO9418	1.91	0 1-	20 N FUSE	0	0	1926	344	0	0	0	0.00	0.32	0
CO9342+	CO9462	1.91	21 1-	4ACSR	0	0	1924	344	130	9	7	0.01	0.33	0
CO9670+	CO9342	1.92	15 1-	4ACSR	0	0	1921	344	83	5	4	0.00	0.33	0
OC249+	CO9670	1.92	15 1-	50 E OCR	0	0	1921	344	83	5	12	0.00	0.33	0
CO9671+	OC249	1.94	15 1-	4ACSR	0	0	1909	343	83	5	4	0.00	0.33	0
CO9649+	CO9671	1.98	14 1-	4ACSR	0	0	1890	342	78	5	4	0.00	0.34	0
CO9650+	CO9649	2.02	12 1-	4ACSR	0	0	1875	342	62	4	3	0.00	0.34	0
CO9463+	CO9650	2.09	12 1-	4ACSR	0	0	1842	340	62	4	3	0.01	0.35	0
CO9362+	CO9463	2.30	9 1-	4ACSR	0	0	1747	336	42	2	2	0.01	0.36	0
CO9456+	CO9362	2.49	7 1-	4ACSR	0	0	1666	332	26	1	1	0.01	0.37	0
CO9457+	CO9456	2.58	4 1-	4ACSR	0	0	1628	330	23	1	1	0.00	0.37	0
CO9367+	CO9457	2.66	2 1-	4ACSR	0	0	1600	328	11	0	1	0.00	0.37	0
CO9692+	CO9457	2.69	2 1-	4ACSR	0	0	1586	327	12	0	1	0.00	0.37	0
CO9693+	CO9692	2.80	1 1-	4ACSR	0	0	1545	325	3	0	0	0.00	0.38	0
CO9383+	CO9692	2.74	1 1-	4ACSR	0	0	1567	326	8	0	0	0.00	0.38	0
CO9380+	CO9362	2.36	2 1-	4ACSR	0	0	1722	334	16	1	1	0.00	0.36	0
CO9421+	CO9463	2.15	0 1-	4ACSR	0	0	1812	339	0	0	0	0.00	0.35	0
CO9414+	CO9463	2.12	2 1-	750 MCM - 42 Wi	0	0	1834	340	14	0	0	0.00	0.35	0
CO9646+	CO9342	1.99	2 1-	4ACSR	0	0	1887	342	17	1	1	0.00	0.33	0
CO9647+	CO9646	2.06	1 1-	4ACSR	0	0	1855	341	6	0	0	0.00	0.33	0
CO9648+	CO9647	2.24	0 1-	4ACSR	0	0	1773	337	0	0	0	0.00	0.33	0
CO9554+	CO9342	1.93	3 1-	4ACSR	0	0	1913	343	24	1	1	0.00	0.33	0
CO9555+	CO9554	2.04	3 1-	4ACSR	0	0	1864	341	24	1	1	0.00	0.33	0
CO9553+	CO9555	2.10	2 1-	4ACSR	0	0	1836	340	14	0	1	0.00	0.33	0
CO9552+	CO9553	2.18	1 1-	4ACSR	0	0	1798	338	7	0	0	0.00	0.33	0
CO9641+	CO9462	1.92	200 3-	336ACSR	1984	1970	1926	344	873	20	4	0.00	0.33	3
CO9642+	CO9641	1.98	199 3-	336ACSR	1974	1958	1912	344	865	20	4	0.00	0.33	4
CO9404+	CO9642	2.06	1 1-	4ACSR	0	0	1874	342	15	1	1	0.00	0.33	0
OC1043301868+	CO9404	2.06	0 1-	20 N FUSE	0	0	1874	342	0	0	0	0.00	0.33	0
CO9464+	CO9642	2.07	196 3-	336ACSR	1956	1936	1887	344	833	19	4	0.01	0.34	6
CO9643+	CO9464	2.11	196 3-	336ACSR	1950	1928	1877	344	833	19	4	0.00	0.34	2
CO9644+	CO9643	2.24	195 3-	336ACSR	1926	1898	1844	343	832	19	4	0.01	0.35	9
CO9645+	CO9644	2.28	194 3-	336ACSR	1918	1888	1833	343	822	19	4	0.00	0.35	3
CO9403+	CO9645	2.38	1 1-	336 MCM ACSR 30	0	0	1810	342	3	0	0	0.00	0.35	0
OC398299080+	CO9403	2.38	0 1-	20 N FUSE	0	0	1810	342	0	0	0	0.00	0.35	0
CO9465+	CO9645	2.32	192 3-	336ACSR	1912	1881	1824	343	806	18	4	0.00	0.36	2
CO9651+	CO9465	2.36	191 3-	336ACSR	1905	1873	1814	342	806	18	4	0.00	0.36	2
CO9652+	CO9651	2.41	190 3-	336ACSR	1895	1861	1801	342	804	18	4	0.00	0.36	4
CO9343+	CO9652	2.48	187 3-	336ACSR	1883	1846	1784	342	781	18	4	0.01	0.37	4
CO9402+	CO9343	2.54	1 1-	336 MCM ACSR 30	0	0	1771	342	5	0	0	0.00	0.37	0
OC2087434875+	CO9402	2.54	0 1-	20 N FUSE	0	0	1771	342	0	0	0	0.00	0.37	0
CO-461867885+	OC2087434875	2.73	0 1-	2ACSR	0	0	1706	339	0	0	0	0.00	0.37	0
CO9401+	CO9343	2.53	2 1-	336 MCM ACSR 30	0	0	1773	342	4	0	0	0.00	0.37	0
OC1500592862+	CO9401	2.53	0 1-	20 N FUSE	0	0	1773	342	0	0	0	0.00	0.37	0
CO9505+	CO9343	2.54	184 3-	336ACSR	1874	1836	1772	342	771	18	3	0.00	0.37	3
CO9506+	CO9505	2.62	184 3-	336ACSR	1861	1820	1753	341	771	18	3	0.01	0.38	5
CO9406+	CO9506	2.66	3 1-	4ACSR	0	0	1735	340	16	1	1	0.00	0.38	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1615486305+	CO9406	2.66	0 1-	20 N FUSE	0	0	1735	340	0	0	0	0.00	0.38	0
CO9503+	CO9506	2.65	181 3-	336ACSR	1856	1814	1746	341	755	17	3	0.00	0.38	0
CO9504+	CO9503	2.69	179 3-	336ACSR	1848	1805	1736	341	744	17	3	0.00	0.38	2
CO9586+	CO9504	2.72	0 1-	2ACSR	0	0	1726	341	0	0	0	0.00	0.38	0
OC1471476032+	CO9586	2.72	0 1-	20 N FUSE	0	0	1726	341	0	0	0	0.00	0.38	0
CO9587+	OC1471476032	2.75	0 1-	2ACSR	0	0	1717	340	0	0	0	0.00	0.38	0
CO9502+	CO9504	2.73	178 3-	336ACSR	1841	1797	1727	341	744	17	3	0.00	0.39	2
CO9501+	CO9502	2.78	178 3-	336ACSR	1834	1788	1717	341	744	17	3	0.00	0.39	3
CO9616+	CO9501	2.81	123 3-	336ACSR	1829	1782	1711	340	486	11	2	0.00	0.39	0
CO9617+	CO9616	2.83	122 3-	336ACSR	1826	1779	1706	340	482	11	2	0.00	0.39	0
CO9694+	CO9617	2.88	120 3-	336ACSR	1818	1770	1696	340	472	11	2	0.00	0.39	0
CO9467+	CO9694	2.92	120 3-	336ACSR	1811	1761	1686	340	472	11	2	0.00	0.40	0
CO9466+	CO9467	3.01	120 3-	336ACSR	1798	1746	1669	340	472	11	2	0.00	0.40	0
CO9379+	CO9466	3.06	1 1-	4ACSR	0	0	1648	338	9	0	0	0.00	0.40	0
OC27339682+	CO9379	3.06	0 1-	20 N FUSE	0	0	1648	338	0	0	0	0.00	0.40	0
CO9453+	CO9466	3.06	119 3-	336ACSR	1790	1737	1658	339	463	10	2	0.00	0.40	0
CO9454+	CO9453	3.18	119 3-	336ACSR	1772	1716	1635	339	463	10	2	0.01	0.41	2
CO9455+	CO9454	3.26	119 3-	336ACSR	1759	1702	1619	338	463	10	2	0.00	0.41	0
CO9429+	CO9455	3.53	116 3-	336ACSR	1720	1658	1567	337	455	10	2	0.01	0.42	6
CO9430+	CO9429	3.64	116 3-	336ACSR	1705	1641	1548	337	455	10	2	0.00	0.43	2
CO9428+	CO9430	3.73	116 3-	336ACSR	1691	1626	1532	336	455	10	2	0.00	0.43	0
CO9434+	CO9428	3.81	112 3-	336ACSR	1680	1614	1517	336	448	10	2	0.00	0.43	0
CO9435+	CO9434	3.90	112 3-	336ACSR	1669	1601	1503	335	448	10	2	0.00	0.44	0
FD-993575881+	CO9435	3.90	111 3-	_DefaultBayEqui	1669	1601	1503	335	446	10	0	0.00	0.44	0
CO9330+	FD-993575881	4.03	111 3-	336ACSR	1651	1583	1482	335	446	10	2	0.01	0.44	3
OC-993575881+	CO9330	4.03	110 3-	20 N FUSE	1651	1583	1482	335	440	10	52	0.00	0.44	0
CO9331+	OC-993575881	4.25	110 3-	336ACSR	1622	1551	1446	334	440	10	2	0.01	0.45	4
CO9598+	CO9331	4.34	106 3-	2ACSR	1604	1532	1424	332	420	9	5	0.01	0.46	8
CO9599+	CO9598	4.42	105 3-	2ACSR	1588	1516	1406	331	419	9	5	0.01	0.47	7
CO9436+	CO9599	4.58	97 3-	2ACSR	1555	1482	1368	329	396	9	5	0.02	0.49	13
OC259+	CO9436	4.58	97 3-	70 E OCR	1555	1482	1368	329	396	9	13	0.00	0.49	0
CO9596+	OC259	4.65	97 3-	2ACSR	1543	1470	1353	328	396	9	5	0.01	0.50	5
CO9597+	CO9596	4.73	96 3-	2ACSR	1527	1454	1336	327	388	9	5	0.01	0.51	6
CO9369+	CO9597	4.75	1 1-	2ACSR	0	0	1331	327	0	0	0	0.00	0.51	0
OC1938620751+	CO9369	4.75	0 1-	20 N FUSE	0	0	1331	327	0	0	0	0.00	0.51	0
CO9684+	CO9597	4.73	95 3-	2ACSR	1526	1453	1334	327	388	9	5	0.00	0.51	0
CO9685+	CO9684	4.82	95 3-	2ACSR	1509	1436	1315	326	388	9	5	0.01	0.52	7
CO9370+	CO9685	4.88	1 1-	2ACSR	0	0	1303	325	1	0	0	0.00	0.52	0
OC-1535989179+	CO9370	4.88	0 1-	20 N FUSE	0	0	1303	325	0	0	0	0.00	0.52	0
CO9332+	CO9685	4.89	94 3-	2ACSR	1495	1423	1300	325	387	9	5	0.01	0.53	5
CO9333+	CO9332	4.96	90 3-	2ACSR	1482	1409	1286	324	370	8	5	0.01	0.54	5
CO9526+	CO9333	5.04	4 1-	2ACSR	0	0	1271	323	19	1	1	0.00	0.54	0
OC2099754580+	CO9526	5.04	4 1-	20 N FUSE	0	0	1271	323	19	1	7	0.00	0.54	0
CO9381+	OC2099754580	5.07	3 1-	4ACSR	0	0	1264	322	11	0	1	0.00	0.54	0
CO9527+	OC2099754580	5.10	1 1-	2ACSR	0	0	1259	322	7	0	0	0.00	0.54	0
CO9382+	CO9333	5.00	2 1-	4ACSR	0	0	1277	323	2	0	0	0.00	0.54	0
OC733884388+	CO9382	5.00	0 1-	20 N FUSE	0	0	1277	323	0	0	0	0.00	0.54	0
CO9334+	CO9333	5.08	84 3-	2ACSR	1460	1388	1262	322	349	8	5	0.01	0.55	7
CO9372+	CO9334	5.18	1 1-	2ACSR	0	0	1243	321	6	0	0	0.00	0.55	0
OC-645694310+	CO9372	5.18	0 1-	20 N FUSE	0	0	1243	321	0	0	0	0.00	0.55	0
CO9335+	CO9334	5.12	18 1-	4ACSR	0	0	1253	321	75	5	4	0.00	0.56	0
OC2117962293+	CO9335	5.12	18 1-	20 N FUSE	0	0	1253	321	75	5	26	0.00	0.56	0

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9544+	OC2117962293	5.16	2 1-	4ACSR	0	0	1242	320	12	0	1	0.00	0.56	0
CO9545+	CO9544	5.23	2 1-	4ACSR	0	0	1227	319	12	0	1	0.00	0.56	0
CO9336+	OC2117962293	5.14	16 1-	4ACSR	0	0	1248	321	62	4	3	0.00	0.56	0
CO9532+	CO9336	5.24	10 1-	4ACSR	0	0	1224	319	29	2	1	0.00	0.57	0
CO9533+	CO9532	5.26	7 1-	4ACSR	0	0	1221	318	24	1	1	0.00	0.57	0
CO9535+	CO9533	5.32	4 1-	4ACSR	0	0	1207	317	16	1	1	0.00	0.57	0
CO9536+	CO9535	5.40	1 1-	4ACSR	0	0	1190	316	0	0	0	0.00	0.57	0
CO9534+	CO9533	5.35	1 1-	4ACSR	0	0	1200	317	1	0	0	0.00	0.57	0
CO9530+	CO9336	5.20	6 1-	4ACSR	0	0	1235	320	33	2	2	0.00	0.56	0
CO9594+	CO9530	5.22	1 1-	2/0ACSR	0	0	1232	320	2	0	0	0.00	0.56	0
CO9595+	CO9594	5.25	1 1-	2/0ACSR	0	0	1226	319	2	0	0	0.00	0.56	0
CO9531+	CO9530	5.23	4 1-	4ACSR	0	0	1227	319	27	1	1	0.00	0.56	0
CO9529+	CO9531	5.32	2 1-	4ACSR	0	0	1207	317	16	1	1	0.00	0.57	0
CO9528+	CO9529	5.41	1 1-	4ACSR	0	0	1187	316	5	0	0	0.00	0.57	0
CO9610+	CO9334	5.13	65 3-	2ACSR	1451	1379	1252	321	268	6	3	0.00	0.56	0
CO9611+	CO9610	5.37	64 3-	2ACSR	1409	1338	1207	318	262	6	3	0.02	0.58	8
CO9373+	CO9611	5.42	2 1-	2ACSR	0	0	1196	317	0	0	0	0.00	0.58	0
OC-536577082+	CO9373	5.42	0 1-	20 N FUSE	0	0	1196	317	0	0	0	0.00	0.58	0
CO686392713+	OC-536577082	5.49	0 1-	2ACSR	0	0	1183	316	0	0	0	0.00	0.58	0
CO9662+	CO9611	5.50	62 3-	2ACSR	1386	1316	1183	316	262	6	3	0.01	0.59	4
CO9663+	CO9662	5.77	62 3-	2ACSR	1341	1272	1135	313	262	6	3	0.02	0.61	9
CO9337+	CO9663	5.96	59 3-	2ACSR	1310	1243	1104	310	253	5	3	0.02	0.63	6
CO16991+	CO9337	6.02	59 3-	2ACSR	1301	1234	1095	309	253	5	3	0.00	0.63	0
CO9094+	CO16991	6.15	58 3-	2ACSR	1280	1215	1075	308	253	5	3	0.01	0.64	4
FD-1930046168+	CO9094	6.15	58 3-	_DefaultBayEqui	1280	1215	1075	308	253	5	0	0.00	0.64	0
CO8897+	FD-1930046168	6.24	58 3-	2ACSR	1266	1202	1060	307	253	5	3	0.01	0.65	3
OC-1930046168+	CO8897	6.24	57 3-	20 N FUSE	1266	1202	1060	307	243	5	29	0.00	0.65	0
CO8743+	OC-1930046168	6.36	57 3-	2ACSR	1248	1185	1043	305	243	5	3	0.01	0.66	4
CO8744+	CO8743	6.50	51 3-	2ACSR	1228	1165	1023	303	228	5	3	0.01	0.67	4
CO9090+	CO8744	6.55	2 1-	2ACSR	0	0	1016	303	5	0	0	0.00	0.67	0
CO9091+	CO9090	6.60	2 1-	2ACSR	0	0	1010	302	5	0	0	0.00	0.67	0
CO8745+	CO8744	6.56	48 3-	2ACSR	1219	1158	1015	303	221	5	3	0.00	0.67	0
CO8883+	CO8745	6.70	8 3-	2ACSR	1200	1139	996	301	77	1	1	0.00	0.67	0
CO17110+	CO8883	6.88	7 3-	2ACSR	1175	1117	972	299	76	1	1	0.00	0.68	0
CO9299+	CO17110	6.94	4 1-	2ACSR	0	0	964	298	67	4	3	0.01	0.68	0
OC-979754731+	CO9299	6.94	3 1-	20 N FUSE	0	0	964	298	63	4	22	0.00	0.68	0
CO9300+	OC-979754731	7.00	3 1-	2ACSR	0	0	957	297	63	4	2	0.00	0.69	0
CO9144+	CO17110	7.02	2 3-	2ACSR	1157	1099	955	297	5	0	0	0.00	0.68	0
CO9145+	CO9144	7.06	0 3-	2ACSR	1152	1094	950	297	0	0	0	0.00	0.68	0
SW247-B+	CO9145	7.06	0 3-	Open	1152	1094	950	297	0	0	0	0.00	0.68	0
CO9176+	CO9144	7.07	2 1-	2ACSR	0	0	949	296	5	0	0	0.00	0.68	0
OC-1551889299+	CO9176	7.07	0 1-	20 N FUSE	0	0	949	296	0	0	0	0.00	0.68	0
CO9175+	CO17110	6.92	1 1-	2ACSR	0	0	966	298	4	0	0	0.00	0.68	0
OC1020242370+	CO9175	6.92	0 1-	20 N FUSE	0	0	966	298	0	0	0	0.00	0.68	0
CO9103+	CO8745	6.56	30 1-	6ACWC	0	0	1014	302	113	7	6	0.00	0.67	0
OC228+	CO9103	6.56	30 1-	35 E OCR	0	0	1014	302	113	7	23	0.00	0.67	0
CO9104+	OC228	6.61	30 1-	6ACWC	0	0	1007	302	113	7	6	0.01	0.68	0
CO8881+	CO9104	6.65	24 1-	6ACWC	0	0	1000	301	85	5	4	0.01	0.69	0
CO8882+	CO8881	6.70	22 1-	6ACWC	0	0	991	300	84	5	4	0.01	0.69	0
CO8880+	CO8882	6.83	20 1-	6ACWC	0	0	971	298	82	5	4	0.02	0.71	2
CO8879+	CO8880	6.87	20 1-	6ACWC	0	0	965	297	82	5	4	0.01	0.72	0
CO8787+	CO8879	6.91	1 1-	6ACWC	0	0	959	297	3	0	0	0.00	0.72	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9080+	CO8879	6.91	19 1-	4ACSR	0	0	959	297	80	5	4	0.00	0.72	0
CO9081+	CO9080	7.01	16 1-	4ACSR	0	0	943	295	74	5	4	0.01	0.73	0
CO8884+	CO9081	7.09	14 1-	4ACSR	0	0	931	293	71	4	4	0.01	0.74	0
CO8885+	CO8884	7.13	12 1-	4ACSR	0	0	927	293	52	3	3	0.00	0.74	0
CO8886+	CO8885	7.17	12 1-	4ACSR	0	0	920	292	52	3	3	0.00	0.75	0
CO8887+	CO8886	7.20	11 1-	4ACSR	0	0	916	292	43	3	2	0.00	0.75	0
CO8888+	CO8887	7.28	11 1-	4ACSR	0	0	905	290	43	3	2	0.01	0.76	0
CO8889+	CO8888	7.34	11 1-	4ACSR	0	0	897	289	43	3	2	0.00	0.76	0
CO8890+	CO8889	7.37	9 1-	4ACSR	0	0	892	289	36	2	2	0.00	0.76	0
CO8891+	CO8890	7.44	9 1-	4ACSR	0	0	883	288	36	2	2	0.00	0.76	0
CO8892+	CO8891	7.49	5 1-	4ACSR	0	0	877	287	20	1	1	0.00	0.77	0
CO8893+	CO8892	7.52	5 1-	4ACSR	0	0	872	287	20	1	1	0.00	0.77	0
CO8894+	CO8893	7.57	3 1-	4ACSR	0	0	866	286	12	0	1	0.00	0.77	0
CO8895+	CO8894	7.63	2 1-	4ACSR	0	0	858	285	7	0	0	0.00	0.77	0
CO8896+	CO8895	7.66	0 1-	4ACSR	0	0	854	284	0	0	0	0.00	0.77	0
CO9082+	CO9104	6.63	3 1-	6ACWC	0	0	1003	301	20	1	1	0.00	0.68	0
CO9083+	CO9082	6.65	2 1-	6ACWC	0	0	999	301	18	1	1	0.00	0.68	0
CO9099+	CO8745	6.56	6 1-	4ACSR	0	0	1014	302	21	1	1	0.00	0.67	0
OC226+	CO9099	6.56	6 1-	10 N FUSE	0	0	1014	302	21	1	15	0.00	0.67	0
CO9100+	OC226	6.72	6 1-	4ACSR	0	0	988	300	21	1	1	0.01	0.68	0
CO17109+	CO9100	6.87	1 1-	4ACSR	0	0	964	297	1	0	0	0.00	0.68	0
CO9305+	CO17109	6.95	1 1-	4ACSR	0	0	953	296	1	0	0	0.00	0.68	0
CO9304+	CO9305	7.02	1 1-	4ACSR	0	0	941	295	1	0	0	0.00	0.68	0
CO16987+	CO9100	6.94	5 1-	4ACSR	0	0	953	296	20	1	1	0.01	0.68	0
CO17006+	CO16987	7.11	1 1-	4ACSR	0	0	929	293	9	0	0	0.00	0.69	0
CO9765+	CO17006	7.17	1 1-	4ACSR	0	0	919	292	9	0	0	0.00	0.69	0
CO9540+	CO16987	7.13	3 1-	4ACSR	0	0	925	293	11	0	1	0.00	0.69	0
CO9541+	CO9540	7.18	3 1-	4ACSR	0	0	918	292	11	0	1	0.00	0.69	0
CO9105+	CO8743	6.37	6 1-	4ACSR	0	0	1042	305	15	1	1	0.00	0.66	0
OC229+	CO9105	6.37	6 1-	10 N FUSE	0	0	1042	305	15	1	11	0.00	0.66	0
CO9106+	OC229	6.41	6 1-	4ACSR	0	0	1035	304	15	1	1	0.00	0.66	0
CO16989+	CO9106	6.79	2 1-	4ACSR	0	0	972	298	9	0	0	0.00	0.66	0
CO-1635760712+	CO16989	6.89	0 1-	2ACSR	0	0	958	296	0	0	0	0.00	0.66	0
CO9437+	CO16989	6.83	1 1-	4ACSR	0	0	965	297	0	0	0	0.00	0.66	0
CO9438+	CO9437	6.89	1 1-	4ACSR	0	0	956	296	0	0	0	0.00	0.66	0
CO9439+	CO9438	6.92	1 1-	4ACSR	0	0	952	295	0	0	0	0.00	0.66	0
CO9440+	CO9439	6.99	1 1-	4ACSR	0	0	941	294	0	0	0	0.00	0.66	0
CO8790+	CO9106	6.46	1 1-	4ACSR	0	0	1025	303	1	0	0	0.00	0.66	0
CO8789+	CO9106	6.44	0 1-	4ACSR	0	0	1028	304	0	0	0	0.00	0.66	0
CO8788+	CO9106	6.48	1 1-	4ACSR	0	0	1023	303	2	0	0	0.00	0.66	0
CO8786+	CO8897	6.30	1 1-	2ACSR	0	0	1052	306	10	0	0	0.00	0.65	0
OC-57512400+	CO8786	6.30	0 1-	20 N FUSE	0	0	1052	306	0	0	0	0.00	0.65	0
CO16990+	CO9337	6.05	0 1-	2ACSR	0	0	1089	309	0	0	0	0.00	0.63	0
OC-1312271612+	CO16990	6.05	0 1-	20 N FUSE	0	0	1089	309	0	0	0	0.00	0.63	0
CO9537+	CO9663	5.89	3 1-	2ACSR	0	0	1116	311	9	0	0	0.00	0.61	0
OC676068754+	CO9537	5.89	2 1-	20 N FUSE	0	0	1116	311	1	0	0	0.00	0.61	0
CO9538+	OC676068754	5.92	2 1-	2ACSR	0	0	1110	311	1	0	0	0.00	0.61	0
CO9539+	CO9538	6.02	1 1-	2ACSR	0	0	1095	309	0	0	0	0.00	0.61	0
CO9371+	CO9332	4.96	4 1-	2ACSR	0	0	1286	324	17	1	1	0.00	0.53	0
OC1436808561+	CO9371	4.96	0 1-	20 N FUSE	0	0	1286	324	0	0	0	0.00	0.53	0
CO9375+	CO9599	4.51	0 1-	336 MCM ACSR 30	0	0	1393	331	0	0	0	0.00	0.47	0
CO9676+	CO9599	4.42	8 1-	4ACSR	0	0	1404	331	24	1	1	0.00	0.47	0

Substation Power Factor: 0.97
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC253+	CO9676	4.42	8 1-	10 N FUSE	0	0	1404	331	24	1	17	0.00	0.47	0
CO9677+	OC253	4.66	8 1-	4ACSR	0	0	1343	326	24	1	1	0.01	0.48	0
CO9680+	CO9677	4.66	7 1-	4ACSR	0	0	1341	326	22	1	1	0.00	0.48	0
OC255+	CO9680	4.66	7 1-	35 E OCR	0	0	1341	326	22	1	4	0.00	0.48	0
CO9681+	OC255	4.70	7 1-	4ACSR	0	0	1332	326	22	1	1	0.00	0.48	0
CO9600+	CO9681	4.74	5 1-	4ACSR	0	0	1322	325	14	1	1	0.00	0.49	0
CO9441+	CO9600	5.02	5 1-	4ACSR	0	0	1252	319	14	1	1	0.01	0.49	0
CO9542+	CO9441	5.09	0 1-	4ACSR	0	0	1235	318	0	0	0	0.00	0.49	0
CO9376+	CO9542	5.26	0 1-	4ACSR	0	0	1197	315	0	0	0	0.00	0.49	0
CO9543+	CO9542	5.13	0 1-	4ACSR	0	0	1227	317	0	0	0	0.00	0.49	0
CO9443+	CO9441	5.09	5 1-	4ACSR	0	0	1235	318	14	1	1	0.00	0.49	0
CO9601+	CO9443	5.19	4 1-	4ACSR	0	0	1213	316	12	0	1	0.00	0.50	0
CO9602+	CO9601	5.28	4 1-	4ACSR	0	0	1192	314	12	0	1	0.00	0.50	0
CO9442+	CO9602	5.37	4 1-	4ACSR	0	0	1174	313	12	0	1	0.00	0.50	0
CO9603+	CO9442	5.49	2 1-	4ACSR	0	0	1146	310	7	0	0	0.00	0.50	0
CO9604+	CO9603	5.59	1 1-	4ACSR	0	0	1126	308	0	0	0	0.00	0.50	0
CO9605+	CO9604	5.65	1 1-	4ACSR	0	0	1114	307	0	0	0	0.00	0.50	0
CO9444+	CO9605	5.69	1 1-	4ACSR	0	0	1105	307	0	0	0	0.00	0.50	0
CO17009+	CO9444	5.85	1 1-	4ACSR	0	0	1074	304	0	0	0	0.00	0.50	0
CO9763+	CO17009	6.00	1 1-	4ACSR	0	0	1045	301	0	0	0	0.00	0.50	0
CO9764+	CO9763	6.31	0 1-	4ACSR	0	0	991	296	0	0	0	0.00	0.50	0
CO9762+	CO9764	6.53	0 1-	4ACSR	0	0	956	292	0	0	0	0.00	0.50	0
CO9447+	CO9605	5.73	0 1-	4ACSR	0	0	1097	306	0	0	0	0.00	0.50	0
CO9664+	CO9447	5.76	0 1-	4ACSR	0	0	1092	305	0	0	0	0.00	0.50	0
CO9665+	CO9664	5.92	0 1-	4ACSR	0	0	1061	302	0	0	0	0.00	0.50	0
CO9446+	CO9665	6.02	0 1-	4ACSR	0	0	1043	301	0	0	0	0.00	0.50	0
CO9445+	CO9446	6.13	0 1-	4ACSR	0	0	1022	299	0	0	0	0.00	0.50	0
CO9377+	CO9677	4.70	1 1-	4ACSR	0	0	1331	326	2	0	0	0.00	0.48	0
CO9448+	CO9331	4.65	4 3-	2ACSR	1542	1469	1353	328	20	0	0	0.00	0.45	0
CO9449+	CO9448	4.86	4 3-	2ACSR	1502	1429	1308	325	20	0	0	0.00	0.46	0
CO9450+	CO9449	4.89	4 3-	2ACSR	1496	1423	1301	325	20	0	0	0.00	0.46	0
CO9452+	CO9450	5.08	4 1-	2ACSR	0	0	1262	322	20	1	1	0.00	0.46	0
CO9606+	CO9452	5.18	2 1-	2ACSR	0	0	1242	321	9	0	0	0.00	0.46	0
OC1648522599+	CO9606	5.18	1 1-	20 N FUSE	0	0	1242	321	1	0	0	0.00	0.46	0
CO9607+	OC1648522599	5.46	1 1-	2ACSR	0	0	1190	317	1	0	0	0.00	0.46	0
CO9451+	CO9450	4.97	0 3-	2ACSR	1481	1408	1285	324	0	0	0	0.00	0.46	0
CO9686+	CO9451	5.13	0 3-	2ACSR	1452	1380	1253	321	0	0	0	0.00	0.46	0
#SW260-B+	CO9686	5.13	0 3-	Open	1452	1380	1253	321	0	0	0	0.00	0.46	0
CO9374+	CO9330	4.17	1 1-	336 MCM ACSR 30	0	0	1460	334	7	0	0	0.00	0.44	0
OC-616049001+	CO9374	4.17	0 1-	20 N FUSE	0	0	1460	334	0	0	0	0.00	0.44	0
CO9378+	CO9435	3.96	1 1-	4ACSR	0	0	1483	334	2	0	0	0.00	0.44	0
OC1655621936+	CO9378	3.96	0 1-	20 N FUSE	0	0	1483	334	0	0	0	0.00	0.44	0
CO9368+	CO9428	3.77	4 1-	336 MCM ACSR 30	0	0	1526	336	7	0	0	0.00	0.43	0
OC233501327+	CO9368	3.77	0 1-	20 N FUSE	0	0	1526	336	0	0	0	0.00	0.43	0
CO9674+	CO9455	3.26	3 1-	4ACSR	0	0	1616	338	8	0	0	0.00	0.41	0
OC252+	CO9674	3.26	3 1-	10 N FUSE	0	0	1616	338	8	0	6	0.00	0.41	0
CO9675+	OC252	3.32	3 1-	4ACSR	0	0	1598	337	8	0	0	0.00	0.41	0
CO9433+	CO9675	3.38	2 1-	4ACSR	0	0	1579	336	0	0	0	0.00	0.41	0
CO9424+	CO9433	3.42	0 1-	2ACSR	0	0	1567	335	0	0	0	0.00	0.41	0
CO9432+	CO9433	3.55	2 1-	4ACSR	0	0	1519	332	0	0	0	0.00	0.41	0
CO9431+	CO9432	3.70	2 1-	4ACSR	0	0	1474	329	0	0	0	0.00	0.41	0
CO9608+	CO9431	3.78	2 1-	4ACSR	0	0	1446	327	0	0	0	0.00	0.41	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9609+	CO9608	3.89	1 1-	4ACSR	0	0	1416	325	0	0	0	0.00	0.41	0
CO9618+	CO9501	2.82	55 1-	2ACSR	0	0	1702	340	258	18	10	0.01	0.40	5
XFMR109	CO9618	2.82	54 1-	333 KVA 1PH AUT	0	0	996	176	252	17	77	1.04	1.45	0
CO9619	XFMR109	2.85	54 1-	2ACSR	0	0	990	175	252	35	20	0.03	1.48	13
CO9344	CO9619	2.92	51 1-	2ACSR	0	0	977	175	235	33	18	0.07	1.55	26
CO9678	CO9344	2.93	49 1-	2ACSR	0	0	976	175	232	32	18	0.01	1.56	3
OC254	CO9678	2.93	49 1-	70 L OCR	0	0	976	175	232	32	47	0.00	1.56	0
CO9679	OC254	2.95	49 1-	2ACSR	0	0	972	175	232	32	18	0.02	1.59	8
CO9470	CO9679	3.02	49 1-	2ACSR	0	0	958	174	232	32	18	0.08	1.66	27
CO9469	CO9470	3.21	49 1-	2ACSR	0	0	922	172	231	32	18	0.21	1.87	72
CO9468	CO9469	3.68	48 1-	2ACSR	0	0	838	169	227	32	18	0.51	2.38	175
CO9345	CO9468	3.84	7 1-	2ACSR	0	0	813	168	31	4	2	0.02	2.40	0
CO9412	CO9345	3.89	0 1-	4ACSR	0	0	803	167	0	0	0	0.00	2.40	0
CO9516	CO9345	3.94	6 1-	2ACSR	0	0	798	167	30	4	2	0.01	2.42	0
CO9517	CO9516	3.97	5 1-	2ACSR	0	0	793	167	20	2	2	0.00	2.42	0
CO9622	CO9517	4.00	5 1-	2ACSR	0	0	789	167	20	2	2	0.00	2.42	0
CO9623	CO9622	4.03	4 1-	2ACSR	0	0	784	166	18	2	1	0.00	2.42	0
CO9624	CO9623	4.07	3 1-	2ACSR	0	0	777	166	9	1	1	0.00	2.43	0
CO9394	CO9624	4.10	2 1-	4ACSR	0	0	773	166	2	0	0	0.00	2.43	0
CO9393	CO9624	4.10	1 1-	4ACSR	0	0	773	166	8	1	1	0.00	2.43	0
CO9358	CO9624	4.10	0 1-	2ACSR	0	0	774	166	0	0	0	0.00	2.43	0
CO9688	CO9358	4.17	0 1-	2ACSR	0	0	763	165	0	0	0	0.00	2.43	0
SW261-B	CO9688	4.17	0 1-	Open	0	0	763	165	0	0	0	0.00	2.43	0
CO9682	CO9468	3.69	41 1-	2ACSR	0	0	837	169	195	27	15	0.01	2.39	0
OC256	CO9682	3.69	41 1-	35 L OCR	0	0	837	169	195	27	80	0.00	2.39	0
CO9683	OC256	3.71	41 1-	2ACSR	0	0	834	169	195	27	15	0.02	2.41	5
CO9346	CO9683	3.80	40 1-	2ACSR	0	0	819	168	194	27	15	0.09	2.49	26
CO9620	CO9346	3.89	2 1-	4ACSR	0	0	804	167	1	0	0	0.00	2.49	0
CO9621	CO9620	3.99	1 1-	4ACSR	0	0	785	166	1	0	0	0.00	2.50	0
CO9612	CO9346	3.99	38 1-	2ACSR	0	0	789	167	193	27	15	0.17	2.67	51
CO9614	CO9612	4.12	37 1-	2ACSR	0	0	770	166	193	27	15	0.12	2.78	33
CO9615	CO9614	4.20	35 1-	2ACSR	0	0	759	165	180	25	14	0.06	2.85	17
CO9613	CO9615	4.25	33 1-	2ACSR	0	0	751	165	166	23	13	0.04	2.89	10
CO17004	CO9613	4.32	23 1-	2ACSR	0	0	741	164	106	15	8	0.03	2.92	5
CO9987	CO17004	4.38	1 1-	750 MCM - 42 Wi	0	0	738	164	7	0	0	0.00	2.92	0
CO10106	CO17004	4.38	21 1-	2ACSR	0	0	733	164	90	12	7	0.02	2.95	3
CO10107	CO10106	4.42	20 1-	2ACSR	0	0	729	164	87	12	7	0.01	2.96	0
CO9953	CO10107	4.61	16 1-	2ACSR	0	0	704	162	62	8	5	0.05	3.02	5
CO10110	CO9953	4.66	1 1-	2ACSR	0	0	697	162	10	1	1	0.00	3.02	0
CO10111	CO10110	4.68	1 1-	2ACSR	0	0	695	162	10	1	1	0.00	3.02	0
CO9988	CO10111	4.73	1 1-	2ACSR	0	0	688	161	10	1	1	0.00	3.02	0
CO9955	CO9953	4.66	14 1-	2ACSR	0	0	697	162	48	6	4	0.01	3.03	0
CO10104	CO9955	4.67	13 1-	2ACSR	0	0	696	162	43	6	3	0.00	3.03	0
CO10105	CO10104	4.78	12 1-	2ACSR	0	0	682	161	38	5	3	0.02	3.05	0
CO10103	CO10105	4.91	11 1-	2ACSR	0	0	668	160	34	4	3	0.02	3.07	0
CO9954	CO10103	4.97	3 1-	2ACSR	0	0	660	160	11	1	1	0.00	3.07	0
CO9981	CO9954	5.11	1 1-	2ACSR	0	0	644	159	5	0	0	0.00	3.08	0
CO10112	CO9954	5.08	1 1-	2ACSR	0	0	648	159	6	0	0	0.00	3.08	0
CO10113	CO10112	5.14	0 1-	2ACSR	0	0	642	159	0	0	0	0.00	3.08	0
CO9980	CO10113	5.20	0 1-	2ACSR	0	0	635	158	0	0	0	0.00	3.08	0
CO9979	CO10113	5.33	0 1-	2ACSR	0	0	622	157	0	0	0	0.00	3.08	0
CO10102	CO10103	5.04	8 1-	2ACSR	0	0	652	159	23	3	2	0.01	3.08	0

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10114	CO10102	5.06	7 1-	2ACSR	0	0	650	159	15	2	1	0.00	3.08	0
CO10115	CO10114	5.10	6 1-	2ACSR	0	0	646	159	9	1	1	0.00	3.09	0
CO9956	CO10115	5.26	2 1-	2ACSR	0	0	629	158	3	0	0	0.00	3.09	0
CO10059	CO9956	5.31	1 1- 750 MCM - 42 Wi	0	0	0	626	158	1	0	0	0.00	3.09	0
CO10060	CO10059	5.35	0 1- 750 MCM - 42 Wi	0	0	0	625	158	0	0	0	0.00	3.09	0
CO10054	CO10060	5.45	0 1- 750 MCM - 42 Wi	0	0	0	620	158	0	0	0	0.00	3.09	0
CO10031	CO9956	5.38	1 1-	2ACSR	0	0	617	157	2	0	0	0.00	3.09	0
CO10121	CO10031	5.39	1 1-	2ACSR	0	0	615	157	2	0	0	0.00	3.09	0
CO10122	CO10121	5.46	1 1-	2ACSR	0	0	608	156	2	0	0	0.00	3.09	0
CO10032	CO10122	5.55	1 1-	2ACSR	0	0	600	156	2	0	0	0.00	3.09	0
CO10033	CO10032	5.66	1 1-	2ACSR	0	0	589	155	2	0	0	0.00	3.09	0
CO10139	CO10033	5.67	0 1-	2ACSR	0	0	588	155	0	0	0	0.00	3.09	0
CO10026	CO10115	5.21	4 1-	2ACSR	0	0	634	158	6	0	0	0.00	3.09	0
CO10027	CO10026	5.29	4 1-	2ACSR	0	0	626	158	6	0	0	0.00	3.09	0
CO10109	CO10027	5.45	2 1-	2ACSR	0	0	609	157	0	0	0	0.00	3.09	0
CO10123	CO10109	5.58	1 1-	2ACSR	0	0	597	156	0	0	0	0.00	3.09	0
CO10124	CO10123	5.59	0 1-	2ACSR	0	0	596	156	0	0	0	0.00	3.09	0
CO10028	CO10124	5.71	0 1-	2ACSR	0	0	585	155	0	0	0	0.00	3.09	0
CO10029	CO10028	5.90	0 1-	2ACSR	0	0	568	154	0	0	0	0.00	3.09	0
CO10030	CO10029	5.96	0 1-	2ACSR	0	0	562	153	0	0	0	0.00	3.09	0
CO9982	CO10027	5.38	2 1-	2ACSR	0	0	617	157	5	0	0	0.00	3.09	0
CO9984	CO9955	4.69	1 1-	4ACSR	0	0	693	162	6	0	1	0.00	3.03	0
CO9978	CO10107	4.49	1 1-	2ACSR	0	0	719	163	9	1	1	0.00	2.96	0
CO9990	CO10107	4.51	1 1-	2ACSR	0	0	716	163	5	0	0	0.00	2.96	0
CO9583	CO9613	4.31	4 1-	4ACSR	0	0	742	164	22	3	2	0.01	2.90	0
CO9584	CO9583	4.41	3 1-	4ACSR	0	0	726	163	15	2	2	0.01	2.91	0
CO30657	CO9584	4.45	2 1-	2ACSR	0	0	721	163	11	1	1	0.00	2.91	0
CO30658	CO30657	4.46	1 1-	2ACSR	0	0	719	163	11	1	1	0.00	2.91	0
CO9585	CO9584	4.47	0 1-	4ACSR	0	0	717	163	0	0	0	0.00	2.91	0
CO9471	CO9613	4.39	4 1-	2ACSR	0	0	732	164	34	4	3	0.02	2.91	0
CO1788908140	CO9471	4.47	1 1-	2ACSR	0	0	722	163	9	1	1	0.00	2.91	0
CO9472	CO9471	4.56	2 1-	2ACSR	0	0	710	163	15	2	1	0.01	2.92	0
CO17003	CO9472	4.75	2 1-	2ACSR	0	0	686	161	15	2	1	0.01	2.93	0
CO10108	CO17003	4.89	2 1-	2ACSR	0	0	669	160	15	2	1	0.01	2.94	0
CO10025	CO10108	4.97	2 1-	2ACSR	0	0	660	160	15	2	1	0.01	2.95	0
CO10128	CO10025	5.20	2 1-	1/0PRIURD	0	0	640	330	15	2	1	0.01	2.95	0
CO9422	CO9612	4.11	1 1-	2ACSR	0	0	771	166	0	0	0	0.00	2.67	0
CO9387	CO9683	3.99	1 1-	4ACSR	0	0	782	166	1	0	0	0.00	2.41	0
CO9415	CO9469	3.26	1 1-	2ACSR	0	0	911	172	4	0	0	0.00	1.87	0
CO9413	CO9344	3.02	1 1- 750 MCM - 42 Wi	0	0	0	966	175	3	0	0	0.00	1.55	0
CO9405	CO9619	2.90	2 1-	4ACSR	0	0	980	175	7	0	1	0.00	1.48	0
CO9386	CO9619	2.99	1 1-	2ACSR	0	0	962	174	10	1	1	0.00	1.48	0
CO9625+	CO9652	2.47	3 1- 336 MCM ACSR 30	0	0	0	1788	342	23	1	0	0.00	0.36	0
OC-248744741+	CO9625	2.47	0 1- 20 N FUSE	0	0	0	1788	342	0	0	0	0.00	0.36	0
CO9626+	OC-248744741	2.51	0 1- 336 MCM ACSR 30	0	0	0	1779	342	0	0	0	0.00	0.36	0
CO9473+	CO9340	1.73	139 3-	1/0ACSR	2020	2016	1979	345	812	19	8	0.00	0.31	5
OC-1933942560+	CO9473	1.73	137 3-	20 N FUSE	2020	2016	1979	345	795	18	93	0.00	0.31	0
CO9639+	OC-1933942560	1.78	137 3-	1/0ACSR	2005	1997	1958	345	795	18	8	0.01	0.32	11
CO9640+	CO9639	1.84	135 3-	1/0ACSR	1988	1976	1935	344	781	18	8	0.01	0.33	11
CO9638+	CO9640	1.89	133 3-	1/0ACSR	1975	1958	1915	343	768	18	8	0.01	0.34	9
CO9347+	CO9638	1.94	8 3-	1/0ACSR	1962	1942	1897	343	39	0	0	0.00	0.34	0
CO9672+	CO9347	1.94	4 1-	4ACSR	0	0	1894	343	19	1	1	0.00	0.34	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC251+	CO9672	1.94	4 1-	10 N FUSE	0	0	1894	343	19	1	13	0.00	0.34	0
CO9673+	OC251	1.99	4 1-	4ACSR	0	0	1873	342	19	1	1	0.00	0.34	0
CO9635+	CO9673	2.02	3 1-	4ACSR	0	0	1859	341	16	1	1	0.00	0.34	0
CO9474+	CO9635	2.13	2 1-	4ACSR	0	0	1811	339	12	0	1	0.00	0.34	0
CO9389+	CO9474	2.23	2 1-	4ACSR	0	0	1763	337	12	0	1	0.00	0.34	0
CO-1653979703+	CO9389	2.28	1 1-	2ACSR	0	0	1745	336	8	0	0	0.00	0.34	0
CO9388+	CO9474	2.23	0 1-	4ACSR	0	0	1763	337	0	0	0	0.00	0.34	0
CO9636+	CO9347	1.97	3 1-	4ACSR	0	0	1881	342	12	0	1	0.00	0.34	0
CO9637+	CO9636	2.04	2 1-	4ACSR	0	0	1848	341	9	0	0	0.00	0.34	0
CO9475+	CO9638	1.99	123 3-	1/0ACSR	1949	1926	1880	342	714	16	7	0.01	0.35	15
CO9476+	CO9475	2.06	123 3-	1/0ACSR	1931	1903	1854	342	714	16	7	0.01	0.36	11
CO9477+	CO9476	2.10	122 3-	1/0ACSR	1919	1889	1838	341	709	16	7	0.01	0.37	8
CO9392+	CO9477	2.14	1 1-	4ACSR	0	0	1822	340	3	0	0	0.00	0.37	0
OC-439135159+	CO9392	2.14	0 1-	20 N FUSE	0	0	1822	340	0	0	0	0.00	0.37	0
CO9479+	CO9477	2.15	121 3-	1/0ACSR	1906	1874	1821	341	706	16	7	0.01	0.38	7
CO9480+	CO9479	2.20	120 3-	1/0ACSR	1894	1859	1804	340	703	16	7	0.01	0.39	8
CO9656+	CO9480	2.27	118 3-	1/0ACSR	1878	1839	1782	339	684	16	7	0.01	0.40	10
CO9657+	CO9656	2.37	116 3-	1/0ACSR	1853	1810	1749	338	668	15	7	0.01	0.41	14
CO9348+	CO9657	2.43	111 3-	1/0ACSR	1838	1794	1730	338	630	14	6	0.01	0.42	7
CO9349+	CO9348	2.49	109 3-	1/0ACSR	1822	1775	1709	337	613	14	6	0.01	0.43	8
CO9411+	CO9349	2.61	1 1-	4ACSR	0	0	1662	335	5	0	0	0.00	0.43	0
OC-310502763+	CO9411	2.61	0 1-	20 N FUSE	0	0	1662	335	0	0	0	0.00	0.43	0
CO9361+	CO9349	2.54	108 3-	1/0ACSR	1810	1761	1694	337	608	14	6	0.01	0.43	6
CO9390+	CO9361	2.61	1 1-	4ACSR	0	0	1666	335	11	0	1	0.00	0.43	0
OC194305453+	CO9390	2.61	0 1-	20 N FUSE	0	0	1666	335	0	0	0	0.00	0.43	0
CO9666+	CO9361	2.58	107 3-	1/0ACSR	1802	1752	1683	336	596	14	6	0.00	0.44	4
CO9667+	CO9666	2.62	106 3-	1/0ACSR	1794	1742	1672	336	586	13	6	0.00	0.44	4
CO9350+	CO9667	2.69	103 3-	1/0ACSR	1776	1722	1649	335	568	13	6	0.01	0.45	8
CO9360+	CO9350	2.71	102 3-	1/0ACSR	1772	1718	1644	335	560	13	6	0.00	0.46	0
CO9565+	CO9360	2.80	3 1-	4ACSR	0	0	1609	333	37	2	2	0.00	0.46	0
OC1319153922+	CO9565	2.80	1 1-	20 N FUSE	0	0	1609	333	14	0	5	0.00	0.46	0
CO9566+	OC1319153922	2.84	1 1-	4ACSR	0	0	1596	332	14	0	1	0.00	0.46	0
CO9567+	CO9566	2.88	1 1-	4ACSR	0	0	1583	331	14	0	1	0.00	0.46	0
CO9351+	CO9360	2.79	98 3-	1/0ACSR	1753	1697	1621	334	520	12	5	0.01	0.46	7
CO9481+	CO9351	2.88	96 3-	1/0ACSR	1735	1677	1598	333	508	11	5	0.01	0.47	7
CO9482+	CO9481	2.93	95 3-	1/0ACSR	1723	1664	1583	333	502	11	5	0.01	0.48	4
CO9417+	CO9482	2.97	0 1-	2ACSR	0	0	1570	332	0	0	0	0.00	0.48	0
OC-995633035+	CO9417	2.97	0 1-	20 N FUSE	0	0	1570	332	0	0	0	0.00	0.48	0
CO9483+	CO9482	2.96	94 3-	1/0ACSR	1716	1657	1575	332	494	11	5	0.00	0.48	2
CO9668+	CO9483	2.97	94 3-	1/0ACSR	1715	1655	1573	332	494	11	5	0.00	0.48	0
AU13	CO9668	2.97	94 3-	333 KVA 1PH AUT	1002	994	977	174	494	11	50	0.68	1.16	0
CO9669	AU13	3.02	94 3-	1/0ACSR	996	987	968	174	494	23	10	0.02	1.18	16
CO9520	CO9669	3.08	94 3-	1/0ACSR	989	978	957	174	494	23	10	0.03	1.21	18
CO9519	CO9520	3.14	94 3-	1/0ACSR	981	970	946	174	494	23	10	0.03	1.23	18
OC943	CO9519	3.14	94 3-	70 L OCR	981	970	946	174	494	23	33	0.00	1.23	0
CO9518	OC943	3.23	94 3-	1/0ACSR	969	957	930	173	494	23	10	0.04	1.27	30
CO9354	CO9518	3.28	64 1-	4ACSR	0	0	920	173	360	50	36	0.11	1.39	64
CO9355	CO9354	3.37	59 1-	4ACSR	0	0	901	171	328	46	33	0.21	1.59	109
CO9577	CO9355	3.45	2 1-	4ACSR	0	0	884	171	20	2	2	0.01	1.60	0
CO9578	CO9577	3.50	2 1-	4ACSR	0	0	874	170	20	2	2	0.00	1.61	0
CO9576	CO9578	3.55	1 1-	4ACSR	0	0	865	170	10	1	1	0.00	1.61	0
CO9396	CO9355	3.45	2 1-	4ACSR	0	0	884	171	13	1	1	0.00	1.60	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9356	CO9355	3.44	55 1-	4ACSR	0	0	886	171	295	41	30	0.14	1.73	67
CO9398	CO9356	3.51	3 1-	4ACSR	0	0	874	170	20	2	2	0.01	1.74	0
CO-1189514977	CO9398	3.58	1 1-	2ACSR	0	0	861	169	6	0	0	0.00	1.74	0
CO-2051531890	CO-1189514977	3.69	1 1-	2ACSR	0	0	842	169	6	0	0	0.00	1.74	0
CO9397	CO9356	3.52	2 1-	4ACSR	0	0	872	170	1	0	0	0.00	1.73	0
CO9690	CO9356	3.51	50 1-	4ACSR	0	0	872	170	274	38	28	0.12	1.86	55
CO9691	CO9690	3.53	49 1-	4ACSR	0	0	869	170	262	37	27	0.03	1.88	11
CO9399	CO9691	3.60	1 1-	4ACSR	0	0	855	169	3	0	0	0.00	1.89	0
CO9629	CO9691	3.57	47 1-	4ACSR	0	0	861	169	259	36	26	0.07	1.95	28
CO9630	CO9629	3.60	46 1-	4ACSR	0	0	854	169	251	35	25	0.06	2.01	25
CO169577010	CO9630	3.63	45 1-	2ACSR	0	0	849	169	248	35	20	0.03	2.05	13
CO981820118	CO169577010	3.76	1 1-	2ACSR	0	0	827	168	19	2	1	0.01	2.05	0
CO846758161	CO169577010	3.66	44 1-	2ACSR	0	0	845	169	229	32	18	0.03	2.07	9
CO9632	CO846758161	3.73	44 1-	4ACSR	0	0	831	168	229	32	23	0.11	2.18	41
CO9400	CO9632	3.76	0 1-	4ACSR	0	0	824	167	0	0	0	0.00	2.18	0
CO9633	CO9632	3.81	44 1-	4ACSR	0	0	815	167	229	32	23	0.13	2.31	46
CO9634	CO9633	3.87	43 1-	4ACSR	0	0	804	166	222	31	23	0.09	2.40	32
CO9408	CO9634	3.91	1 1-	4ACSR	0	0	797	166	0	0	0	0.00	2.40	0
CO9507	CO9634	3.94	42 1-	4ACSR	0	0	791	166	222	31	23	0.11	2.50	38
CO9508	CO9507	4.00	41 1-	4ACSR	0	0	780	165	213	30	22	0.08	2.59	29
CO9359	CO9508	4.03	9 1-	4ACSR	0	0	774	165	47	6	5	0.01	2.60	0
CO9409	CO9359	4.10	1 1-	4ACSR	0	0	763	164	11	1	1	0.00	2.60	0
CO9509	CO9359	4.06	5 1-	4ACSR	0	0	770	164	21	2	2	0.00	2.60	0
CO9510	CO9509	4.11	5 1-	4ACSR	0	0	761	164	21	2	2	0.01	2.61	0
CO9511	CO9510	4.15	5 1-	4ACSR	0	0	753	163	21	2	2	0.01	2.61	0
CO9512	CO9511	4.20	5 1-	4ACSR	0	0	745	163	21	2	2	0.01	2.62	0
CO9513	CO9512	4.28	4 1-	4ACSR	0	0	733	162	20	2	2	0.01	2.63	0
CO626319758	CO9513	4.32	0 1-	2ACSR	0	0	726	162	0	0	0	0.00	2.63	0
CO9514	CO9513	4.46	1 1-	4ACSR	0	0	703	160	3	0	0	0.00	2.63	0
CO9515	CO9514	4.62	1 1-	4ACSR	0	0	678	159	3	0	0	0.00	2.63	0
CO9494	CO9508	4.05	32 1-	4ACSR	0	0	772	164	166	23	17	0.05	2.64	14
CO9495	CO9494	4.11	32 1-	4ACSR	0	0	761	164	166	23	17	0.06	2.70	17
CO9357	CO9495	4.20	28 1-	4ACSR	0	0	745	163	147	20	15	0.09	2.80	22
CO9499	CO9357	4.24	28 1-	4ACSR	0	0	739	163	146	20	15	0.04	2.83	8
CO9500	CO9499	4.28	28 1-	4ACSR	0	0	731	162	146	20	15	0.04	2.88	10
OC281410771	CO9500	4.28	26 1-	20 N FUSE	0	0	731	162	134	19	96	0.00	2.88	0
CO9498	OC281410771	4.43	26 1-	4ACSR	0	0	708	161	134	19	14	0.13	3.00	28
CO9497	CO9498	4.46	25 1-	4ACSR	0	0	702	160	131	18	13	0.03	3.03	6
CO9496	CO9497	4.49	24 1-	4ACSR	0	0	699	160	121	17	12	0.02	3.05	3
CO17288	CO9496	4.65	22 1-	4ACSR	0	0	674	158	108	15	11	0.12	3.17	21
CO2274	CO17288	4.69	22 1-	4ACSR	0	0	668	158	108	15	11	0.03	3.20	5
CO2273	CO2274	4.75	20 1-	4ACSR	0	0	660	158	95	13	10	0.04	3.24	6
CO2272	CO2273	4.81	19 1-	4ACSR	0	0	651	157	95	13	10	0.04	3.28	6
CO2145	CO2272	4.87	7 1-	4ACSR	0	0	643	156	31	4	3	0.01	3.29	0
CO2144	CO2145	4.95	7 1-	4ACSR	0	0	632	156	31	4	3	0.02	3.30	0
CO2253	CO2144	4.98	3 1-	4ACSR	0	0	628	155	18	2	2	0.00	3.31	0
CO2252	CO2253	5.01	3 1-	4ACSR	0	0	623	155	18	2	2	0.00	3.31	0
CO2251	CO2252	5.04	2 1-	4ACSR	0	0	619	155	12	1	1	0.00	3.31	0
CO2250	CO2251	5.09	2 1-	4ACSR	0	0	614	154	12	1	1	0.00	3.32	0
CO2249	CO2250	5.16	1 1-	4ACSR	0	0	605	154	6	0	1	0.00	3.32	0
CO2248	CO2249	5.22	1 1-	4ACSR	0	0	598	153	6	0	1	0.00	3.32	0
CO2055	CO2144	5.12	3 1-	4ACSR	0	0	610	154	9	1	1	0.01	3.31	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2100	CO2055	5.31	0 1-	4ACSR	0	0	587	152	0	0	0	0.00	3.31	0
CO2222	CO2055	5.16	3 1-	4ACSR	0	0	604	154	9	1	1	0.00	3.32	0
CO2277	CO2222	5.23	3 1-	4ACSR	0	0	596	153	9	1	1	0.00	3.32	0
CO2278	CO2277	5.35	2 1-	4ACSR	0	0	581	152	9	1	1	0.00	3.33	0
CO2275	CO2272	4.93	10 1-	4ACSR	0	0	634	156	62	8	6	0.05	3.33	5
CO2276	CO2275	4.97	8 1-	4ACSR	0	0	629	155	55	7	6	0.01	3.34	0
CO2056	CO2276	5.00	4 1-	4ACSR	0	0	625	155	27	3	3	0.00	3.34	0
CO2229	CO2056	5.06	4 1-	4ACSR	0	0	617	155	27	3	3	0.01	3.36	0
CO2228	CO2229	5.10	4 1-	4ACSR	0	0	612	154	27	3	3	0.00	3.36	0
CO2227	CO2228	5.13	2 1-	4ACSR	0	0	609	154	12	1	1	0.00	3.36	0
CO2226	CO2227	5.17	2 1-	4ACSR	0	0	604	154	12	1	1	0.00	3.37	0
CO2105	CO2226	5.20	1 1-	4ACSR	0	0	600	153	10	1	1	0.00	3.37	0
CO2225	CO2226	5.20	1 1-	4ACSR	0	0	599	153	2	0	0	0.00	3.37	0
CO2101	CO2276	5.05	1 1-	4ACSR	0	0	619	155	2	0	0	0.00	3.34	0
CO2224	CO2276	5.06	2 1-	4ACSR	0	0	618	155	13	1	1	0.01	3.35	0
CO2223	CO2224	5.09	1 1-	4ACSR	0	0	613	154	13	1	1	0.00	3.35	0
CO2271	CO2275	5.01	2 1-	1/0PRIURD	0	0	628	318	7	1	1	0.00	3.33	0
CO9581	CO9357	4.24	0 1-	4ACSR	0	0	739	163	0	0	0	0.00	2.80	0
CO9582	CO9581	4.27	0 1-	4ACSR	0	0	733	162	0	0	0	0.00	2.80	0
CO9579	CO9495	4.13	1 1-	4ACSR	0	0	757	164	3	0	0	0.00	2.70	0
CO9580	CO9579	4.19	1 1-	4ACSR	0	0	747	163	3	0	0	0.00	2.71	0
CO9425	CO9690	3.55	1 1-	1/0PRIURD	0	0	868	389	11	1	1	0.00	1.86	0
CO9575	CO9354	3.35	4 1-	4ACSR	0	0	905	172	23	3	2	0.01	1.40	0
CO9407	CO9575	3.41	2 1-	4ACSR	0	0	894	171	18	2	2	0.00	1.40	0
CO9574	CO9575	3.42	1 1-	4ACSR	0	0	891	171	2	0	0	0.00	1.40	0
CO9658	CO9518	3.27	30 3-	1/0ACSR	965	952	923	173	134	6	3	0.00	1.28	0
CO9659	CO9658	3.29	28 3-	1/0ACSR	962	949	920	173	129	6	3	0.00	1.28	0
CO9660	CO9659	3.37	28 3-	1/0ACSR	952	938	906	172	129	6	3	0.01	1.29	0
CO9485	CO9660	3.48	28 1-	6ACWC	0	0	885	171	129	18	13	0.09	1.38	19
OC-1250030767	CO9485	3.48	28 1-	20 N FUSE	0	0	885	171	128	18	91	0.00	1.38	0
CO9486	OC-1250030767	3.59	28 1-	6ACWC	0	0	864	170	128	18	13	0.09	1.47	18
CO9484	CO9486	3.73	27 1-	6ACWC	0	0	837	168	127	18	13	0.11	1.59	23
CO9568	CO9484	3.79	1 1-	6ACWC	0	0	825	168	17	2	2	0.01	1.59	0
CO9569	CO9568	3.91	1 1-	6ACWC	0	0	804	167	17	2	2	0.01	1.60	0
CO9487	CO9484	3.80	25 1-	6ACWC	0	0	824	168	101	14	10	0.05	1.63	7
CO9488	CO9487	3.85	24 1-	6ACWC	0	0	814	167	100	14	10	0.03	1.66	5
CO9489	CO9488	3.87	22 1-	6ACWC	0	0	810	167	89	12	9	0.01	1.68	0
CO9423	CO9489	3.91	1 1-	2ACSR	0	0	803	167	7	1	1	0.00	1.68	0
CO9490	CO9489	3.92	21 1-	6ACWC	0	0	801	166	81	11	8	0.03	1.70	3
CO9492	CO9490	4.05	18 1-	6ACWC	0	0	777	165	61	8	6	0.05	1.75	5
CO9493	CO9492	4.06	16 1-	6ACWC	0	0	776	165	56	8	6	0.00	1.76	0
CO9491	CO9493	4.13	16 1-	6ACWC	0	0	764	164	56	8	6	0.03	1.78	2
CO9352	CO9491	4.21	14 1-	6ACWC	0	0	749	163	50	7	5	0.03	1.81	2
OC-1610115838	CO9352	4.21	14 1-	20 N FUSE	0	0	749	163	50	7	36	0.00	1.81	0
CO17007	OC-1610115838	4.27	1 1-	6ACWC	0	0	740	163	3	0	0	0.00	1.81	0
CO9353	OC-1610115838	4.26	13 1-	6ACWC	0	0	742	163	47	6	5	0.01	1.83	0
CO9661	CO9353	4.49	12 1-	6ACWC	0	0	705	161	47	6	5	0.07	1.90	5
CO17005	CO9661	4.71	12 1-	6ACWC	0	0	671	159	47	6	5	0.07	1.96	5
CO10118	CO17005	4.78	12 1-	6ACWC	0	0	662	158	47	6	5	0.02	1.99	0
CO17287	CO10118	4.93	11 1-	6ACWC	0	0	642	157	47	6	5	0.04	2.03	3
CO2356	CO17287	5.02	10 1-	6ACWC	0	0	629	156	45	6	5	0.03	2.06	0
CO2221	CO2356	5.09	4 1-	6ACWC	0	0	620	155	25	3	3	0.01	2.06	0

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2220	CO2221	5.12	1 1-	6ACWC	0	0	616	155	0	0	0	0.00	2.06	0
CO2219	CO2220	5.16	1 1-	6ACWC	0	0	612	154	0	0	0	0.00	2.06	0
CO2099	CO2356	5.10	4 1-	6ACWC	0	0	619	155	18	2	2	0.00	2.06	0
CO2098	CO2356	5.14	2 1-	6ACWC	0	0	614	155	2	0	0	0.00	2.06	0
CO2097	CO2356	5.16	0 1-	6ACWC	0	0	611	154	0	0	0	0.00	2.06	0
CO17286	CO10118	4.95	0 1-	6ACWC	0	0	639	156	0	0	0	0.00	1.99	0
CO2873	CO17286	5.17	0 1-	6ACWC	0	0	610	154	0	0	0	0.00	1.99	0
CO2897	CO2873	5.27	0 1-	6ACWC	0	0	598	153	0	0	0	0.00	1.99	0
CO2874	CO2873	5.18	0 1-	6ACWC	0	0	608	154	0	0	0	0.00	1.99	0
CO2991	CO2874	5.19	0 1-	6ACWC	0	0	607	154	0	0	0	0.00	1.99	0
CO2898	CO17286	5.02	0 1-	6ACWC	0	0	629	156	0	0	0	0.00	1.99	0
CO9395	CO9353	4.31	1 1-	6ACWC	0	0	734	162	0	0	0	0.00	1.83	0
CO9627	CO9491	4.17	1 1-	6ACWC	0	0	757	164	6	0	1	0.00	1.78	0
CO9628	CO9627	4.19	1 1-	6ACWC	0	0	753	164	6	0	1	0.00	1.79	0
CO9570	CO9490	3.99	3 1-	6ACWC	0	0	788	166	20	2	2	0.01	1.71	0
CO9571	CO9570	4.04	1 1-	6ACWC	0	0	780	165	10	1	1	0.00	1.71	0
CO9572	CO9571	4.05	1 1-	6ACWC	0	0	777	165	10	1	1	0.00	1.71	0
CO9573	CO9572	4.10	1 1-	6ACWC	0	0	770	165	10	1	1	0.00	1.71	0
CO9689	CO9660	3.38	0 1-	2ACSR	0	0	905	172	0	0	0	0.00	1.29	0
SW261-A	CO9689	3.38	0 1-	Open	0	0	905	172	0	0	0	0.00	1.29	0
CO9391+	CO9351	2.84	2 1-	4ACSR	0	0	1603	333	12	0	1	0.00	0.47	0
OC-1918425349+	CO9391	2.84	0 1-	20 N FUSE	0	0	1603	333	0	0	0	0.00	0.47	0
CO9420+	CO9360	2.76	1 1-	2ACSR	0	0	1627	334	3	0	0	0.00	0.46	0
OC358834281+	CO9420	2.76	0 1-	20 N FUSE	0	0	1627	334	0	0	0	0.00	0.46	0
CO9410+	CO9350	2.75	1 1-	4ACSR	0	0	1627	334	8	0	0	0.00	0.45	0
OC554085172+	CO9410	2.75	0 1-	20 N FUSE	0	0	1627	334	0	0	0	0.00	0.45	0
CO9563+	CO9667	2.66	3 1-	4ACSR	0	0	1654	335	18	1	1	0.00	0.44	0
OC1717706503+	CO9563	2.66	2 1-	20 N FUSE	0	0	1654	335	11	0	4	0.00	0.44	0
CO9564+	OC1717706503	2.70	2 1-	4ACSR	0	0	1640	334	11	0	1	0.00	0.45	0
CO-191479176+	CO9564	2.75	1 1-	2ACSR	0	0	1624	333	8	0	0	0.00	0.45	0
CO9416+	CO9348	2.49	1 1-	2ACSR	0	0	1708	337	5	0	0	0.00	0.42	0
OC474324562+	CO9416	2.49	0 1-	20 N FUSE	0	0	1708	337	0	0	0	0.00	0.42	0
CO9558+	CO9348	2.52	1 1-	4ACSR	0	0	1692	336	12	0	1	0.00	0.42	0
OC1540572953+	CO9558	2.52	1 1-	20 N FUSE	0	0	1692	336	12	0	4	0.00	0.42	0
CO9559+	OC1540572953	2.59	1 1-	4ACSR	0	0	1664	334	12	0	1	0.00	0.42	0
CO9590+	CO9657	2.42	2 1-	2ACSR	0	0	1729	338	16	1	1	0.00	0.41	0
OC-1631789613+	CO9590	2.42	2 1-	20 N FUSE	0	0	1729	338	16	1	6	0.00	0.41	0
CO9591+	OC-1631789613	2.50	2 1-	2ACSR	0	0	1702	336	16	1	1	0.00	0.41	0
CO9592+	CO9591	2.53	1 1-	2ACSR	0	0	1692	336	8	0	0	0.00	0.41	0
CO9593+	CO9592	2.62	1 1-	2ACSR	0	0	1661	335	8	0	0	0.00	0.41	0
CO9556+	CO9657	2.39	2 1-	4ACSR	0	0	1738	338	19	1	1	0.00	0.41	0
OC-1554676412+	CO9556	2.39	1 1-	20 N FUSE	0	0	1738	338	16	1	5	0.00	0.41	0
CO9557+	OC-1554676412	2.47	1 1-	4ACSR	0	0	1709	336	16	1	1	0.00	0.41	0
CO9561+	CO9480	2.27	2 1-	4ACSR	0	0	1774	339	19	1	1	0.00	0.39	0
OC775776744+	CO9561	2.27	1 1-	20 N FUSE	0	0	1774	339	10	0	4	0.00	0.39	0
CO9562+	OC775776744	2.35	1 1-	4ACSR	0	0	1738	337	10	0	1	0.00	0.39	0
CO9560+	CO9562	2.41	1 1-	4ACSR	0	0	1717	336	10	0	1	0.00	0.39	0
CO9419+	CO9458	1.30	1 1-	2ACSR	0	0	2107	347	8	0	0	0.00	0.23	0
OC-415934022+	CO9419	1.30	0 1-	20 N FUSE	0	0	2107	347	0	0	0	0.00	0.23	0
CO8818+	CO8850	1.08	1 1-	336 MCM ACSR 30	0	0	2187	348	3	0	0	0.00	0.19	0
OC-1288478254+	CO8818	1.08	0 1-	20 N FUSE	0	0	2187	348	0	0	0	0.00	0.19	0
CO9123+	CO9120	0.01	513 3-	750 MCM - 42 Wi	2421	2623	2635	353	2606	58	5	0.00	0.00	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
Polksville+	CO9123	0.01	513 3-	560 200WVE	2421	2623	2635	353	2606	58	10	0.00	0.00	0
CO9116+	Polksville	0.03	513 3-	336ACSR	2415	2612	2624	353	2606	58	11	0.00	0.01	13
CO9117+	CO9116	0.13	513 3-	336ACSR	2390	2567	2579	352	2606	58	11	0.02	0.03	57
CO9052+	CO9117	0.16	511 3-	336ACSR	2380	2551	2562	352	2603	58	11	0.01	0.03	22
CO9053+	CO9052	0.20	509 3-	336ACSR	2370	2532	2543	352	2596	58	11	0.01	0.04	24
CO9050+	CO9053	0.24	509 3-	336ACSR	2358	2513	2523	352	2595	58	11	0.01	0.05	26
CO9048+	CO9050	0.29	507 3-	336ACSR	2347	2495	2504	352	2582	58	11	0.01	0.06	25
CO9046+	CO9048	0.32	507 3-	336ACSR	2340	2482	2491	352	2581	58	11	0.01	0.06	18
CO8782+	CO9046	0.41	2 1-	4ACSR	0	0	2422	349	10	0	0	0.00	0.06	0
OC1450816921+	CO8782	0.41	0 1-	20 N FUSE	0	0	2422	349	0	0	0	0.00	0.06	0
CO8781+	CO9046	0.37	2 1-	4ACSR	0	0	2450	350	13	0	1	0.00	0.06	0
OC-1950365464+	CO8781	0.37	0 1-	20 N FUSE	0	0	2450	350	0	0	0	0.00	0.06	0
CO9043+	CO9046	0.35	503 3-	336ACSR	2331	2467	2475	351	2558	57	11	0.01	0.07	21
CO9044+	CO9043	0.39	501 3-	336ACSR	2320	2449	2456	351	2556	57	11	0.01	0.08	25
CO9041+	CO9044	0.45	500 3-	336ACSR	2306	2427	2432	351	2553	57	11	0.01	0.09	32
CO9039+	CO9041	0.51	497 3-	336ACSR	2289	2400	2404	351	2545	57	11	0.01	0.10	39
CO9037+	CO9039	0.64	495 3-	336ACSR	2258	2351	2352	350	2528	56	11	0.02	0.12	73
CO8750+	CO9037	0.75	9 1-	4ACSR	0	0	2278	348	45	3	2	0.01	0.13	0
OC2144441254+	CO8750	0.75	9 1-	20 N FUSE	0	0	2278	348	45	3	15	0.00	0.13	0
CO8749+	OC2144441254	0.85	7 1-	4ACSR	0	0	2216	345	34	2	2	0.00	0.14	0
CO8848+	CO8749	0.94	0 1-	4ACSR	0	0	2156	343	0	0	0	0.00	0.14	0
CO8984+	CO8749	0.92	7 1-	4ACSR	0	0	2171	344	34	2	2	0.00	0.14	0
CO804691951+	CO8984	0.99	6 1-	2ACSR	0	0	2130	343	28	1	1	0.00	0.14	0
CO1962217927+	CO804691951	1.11	1 1-	2ACSR	0	0	2070	341	12	0	0	0.00	0.14	0
CO1166614183+	CO804691951	1.27	5 1-	2ACSR	0	0	1987	339	16	1	1	0.00	0.15	0
CO9426+	CO1166614183	1.47	2 1-	4ACSR	0	0	1878	334	3	0	0	0.00	0.15	0
CO9427+	CO9426	1.57	1 1-	4ACSR	0	0	1828	332	1	0	0	0.00	0.15	0
SW881020651-B+	CO9427	1.57	0 1-	Closed	0	0	1828	332	0	0	0	0.00	0.15	0
SW881020651-A+	SW881020651-B	1.57	0 1-	Closed	0	0	1828	332	0	0	0	0.00	0.15	0
CO9523+	SW881020651-A	1.66	0 1-	4ACSR	0	0	1780	330	0	0	0	0.00	0.15	0
CO9524+	CO9523	1.87	0 1-	4ACSR	0	0	1683	326	0	0	0	0.00	0.15	0
CO9525+	CO9524	1.96	0 1-	4ACSR	0	0	1640	324	0	0	0	0.00	0.15	0
CO9366+	SW881020651-A	1.72	0 1-	4ACSR	0	0	1753	329	0	0	0	0.00	0.15	0
CO9365+	CO1166614183	1.37	3 1-	4ACSR	0	0	1933	337	12	0	1	0.00	0.15	0
CO8982+	OC2144441254	0.83	2 1-	4ACSR	0	0	2229	346	11	0	1	0.00	0.13	0
CO8983+	CO8982	0.86	1 1-	4ACSR	0	0	2210	345	5	0	0	0.00	0.13	0
CO9032+	CO9037	0.77	485 3-	336ACSR	2226	2303	2299	350	2480	55	11	0.02	0.15	74
CO9033+	CO9032	0.81	483 3-	336ACSR	2217	2290	2285	349	2470	55	11	0.01	0.16	20
CO8852+	CO9033	0.90	483 3-	336ACSR	2197	2260	2252	349	2470	55	11	0.02	0.17	48
CO8853+	CO8852	0.94	482 3-	336ACSR	2187	2245	2236	349	2465	55	11	0.01	0.18	25
CO8854+	CO8853	0.97	482 3-	336ACSR	2182	2237	2228	349	2465	55	11	0.00	0.18	12
CO8751+	CO8854	1.05	481 3-	336ACSR	2164	2211	2199	348	2460	55	11	0.01	0.20	44
CO9086+	CO8751	1.06	478 3-	336ACSR	2160	2207	2193	348	2450	55	11	0.00	0.20	8
CO9087+	CO9086	1.13	476 3-	336ACSR	2145	2185	2170	348	2441	55	11	0.01	0.22	37
CO8819+	CO9087	1.17	1 1-	4ACSR	0	0	2146	347	0	0	0	0.00	0.22	0
OC532650815+	CO8819	1.17	0 1-	20 N FUSE	0	0	2146	347	0	0	0	0.00	0.22	0
CO8795+	CO9087	1.16	3 1-	4ACSR	0	0	2154	347	13	0	1	0.00	0.22	0
OC-1083453530+	CO8795	1.16	0 1-	20 N FUSE	0	0	2154	347	0	0	0	0.00	0.22	0
CO8856+	CO9087	1.22	443 3-	336ACSR	2125	2157	2139	348	2267	51	10	0.02	0.23	43
CO8857+	CO8856	1.30	443 3-	336ACSR	2109	2135	2113	347	2267	51	10	0.01	0.24	36
CO8858+	CO8857	1.51	441 3-	336ACSR	2064	2074	2044	346	2264	51	10	0.04	0.28	101

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8796+	CO8858	1.55	4 1-	4ACSR	0	0	2025	345	15	1	1	0.00	0.28	0
OC412606898+	CO8796	1.55	0 1-	20 N FUSE	0	0	2025	345	0	0	0	0.00	0.28	0
CO8859+	CO8858	1.58	437 3-	336ACSR	2051	2057	2026	346	2248	50	10	0.01	0.29	28
CO8860+	CO8859	1.68	437 3-	336ACSR	2030	2029	1993	345	2248	50	10	0.02	0.31	50
CO8861+	CO8860	1.84	437 3-	336ACSR	2000	1991	1950	345	2248	50	10	0.03	0.34	69
CO8799+	CO8861	1.87	1 1-	4ACSR	0	0	1932	344	4	0	0	0.00	0.34	0
OC-480226580+	CO8799	1.87	0 1-	20 N FUSE	0	0	1932	344	0	0	0	0.00	0.34	0
CO8862+	CO8861	1.89	436 3-	336ACSR	1989	1977	1934	345	2244	50	10	0.01	0.35	26
CO8863+	CO8862	1.93	436 3-	336ACSR	1982	1968	1924	344	2243	50	10	0.01	0.35	17
CO8752+	CO8863	1.99	435 3-	336ACSR	1971	1955	1908	344	2241	50	10	0.01	0.36	26
CO8797+	CO8752	2.06	2 1-	4ACSR	0	0	1874	342	3	0	0	0.00	0.36	0
OC-1668668693+	CO8797	2.06	1 1-	20 N FUSE	0	0	1874	342	1	0	0	0.00	0.36	0
CO-1970598202+	OC-1668668693	2.14	1 1-	4ACSR	0	0	1839	341	1	0	0	0.00	0.36	0
CO8864+	CO8752	2.04	433 3-	336ACSR	1961	1941	1893	344	2238	50	10	0.01	0.37	26
CO8865+	CO8864	2.06	433 3-	336ACSR	1958	1938	1889	344	2238	50	10	0.00	0.37	7
CO8866+	CO8865	2.11	432 3-	336ACSR	1949	1926	1876	344	2238	50	10	0.01	0.38	23
CO8867+	CO8866	2.27	432 3-	336ACSR	1920	1891	1835	343	2237	50	10	0.03	0.41	73
CO8802+	CO8867	2.33	1 1-	4ACSR	0	0	1811	342	3	0	0	0.00	0.41	0
OC1113130627+	CO8802	2.33	0 1-	20 N FUSE	0	0	1811	342	0	0	0	0.00	0.41	0
CO8868+	CO8867	2.46	431 3-	336ACSR	1887	1851	1789	342	2234	50	10	0.03	0.44	86
CO8869+	CO8868	2.49	431 3-	336ACSR	1882	1845	1782	342	2233	50	10	0.00	0.45	13
CO8753+	CO8869	2.57	430 3-	336ACSR	1868	1828	1763	341	2226	50	10	0.01	0.46	38
XFMR110	CO8753	2.57	430 3-	1000 KVA 1PH AU	1697	1675	1652	177	2226	50	72	0.72	1.19	0
CO8871	XFMR110	2.63	430 3-	336ACSR	1683	1659	1632	177	2226	100	19	0.03	1.22	93
CO8872	CO8871	2.64	428 3-	336ACSR	1680	1656	1628	177	2221	100	19	0.01	1.22	18
CO8870	CO8872	2.75	428 3-	336ACSR	1650	1623	1585	177	2221	100	19	0.07	1.30	204
CO8873	CO8870	2.81	427 3-	336ACSR	1636	1607	1565	177	2208	99	19	0.04	1.33	101
CO8874	CO8873	2.91	427 3-	336ACSR	1610	1578	1528	177	2208	99	19	0.07	1.40	187
CO8754	CO8874	2.93	424 3-	336ACSR	1605	1572	1522	177	2180	98	19	0.01	1.41	33
CO-689687084	CO8754	2.98	422 3-	2ACSR	1588	1553	1497	176	2170	98	55	0.12	1.54	437
CO-1926294976	CO-689687084	3.03	1 3-	2ACSR	1570	1533	1473	176	43	1	1	0.00	1.54	0
CO1458475556	CO-1926294976	3.08	1 3-	2ACSR	1554	1516	1452	176	43	1	1	0.00	1.54	0
CO1712257740	CO1458475556	3.15	1 3-	2ACSR	1528	1487	1417	175	43	1	1	0.00	1.55	0
CO-1894113081	CO1712257740	3.35	1 3-	2ACSR	1459	1410	1328	173	43	1	1	0.00	1.55	0
CO1966221496	CO-689687084	3.03	421 3-	2ACSR	1569	1532	1471	176	2125	96	53	0.13	1.67	458
CO8767	CO1966221496	3.08	334 3-	1/0ACSR	1553	1515	1451	176	1741	78	34	0.06	1.73	169
CO8768	CO8767	3.13	331 3-	1/0ACSR	1538	1498	1431	175	1730	78	34	0.06	1.80	167
CO8944	CO8768	3.16	3 1-	4ACSR	0	0	1415	175	16	2	2	0.00	1.80	0
OC189700805	CO8944	3.16	1 1-	20 N FUSE	0	0	1415	175	4	0	2	0.00	1.80	0
CO8945	OC189700805	3.20	1 1-	4ACSR	0	0	1397	175	4	0	0	0.00	1.80	0
CO8769	CO8768	3.21	328 3-	1/0ACSR	1513	1471	1398	175	1713	77	34	0.11	1.90	276
CO8770	CO8769	3.29	321 3-	1/0ACSR	1488	1444	1367	175	1632	74	32	0.10	2.00	246
CO9111	CO8770	3.30	16 1-	4ACSR	0	0	1364	174	70	9	7	0.00	2.00	0
OC232	CO9111	3.30	16 1-	10 N FUSE	0	0	1364	174	70	9	95	0.00	2.00	0
CO9112	OC232	3.37	16 1-	4ACSR	0	0	1330	174	70	9	7	0.03	2.03	3
CO8907	CO9112	3.43	14 1-	4ACSR	0	0	1301	173	68	9	7	0.03	2.06	3
CO8908	CO8907	3.48	13 1-	4ACSR	0	0	1277	172	68	9	7	0.02	2.08	0
CO8909	CO8908	3.57	11 1-	4ACSR	0	0	1237	171	55	7	5	0.03	2.11	3
CO8910	CO8909	3.62	9 1-	4ACSR	0	0	1213	171	51	6	5	0.01	2.12	0
CO8911	CO8910	3.72	7 1-	4ACSR	0	0	1171	170	41	5	4	0.02	2.15	0
CO17291	CO8911	3.86	6 1-	4ACSR	0	0	1114	168	37	5	4	0.03	2.17	0
CO1334	CO17291	3.99	5 1-	4ACSR	0	0	1067	167	28	3	3	0.02	2.19	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1335	CO1334	4.04	3 1-	4ACSR	0	0	1048	166	28	3	3	0.01	2.20	0
CO1333	CO1335	4.19	1 1-	2ACSR	0	0	1005	165	6	0	0	0.00	2.21	0
CO-1598447739	CO1333	4.47	0 1-	2ACSR	0	0	934	163	0	0	0	0.00	2.21	0
CO1336	CO1335	4.18	2 1-	4ACSR	0	0	1001	165	22	2	2	0.02	2.22	0
CO-1660777533	CO1336	4.25	1 1-	2ACSR	0	0	982	165	9	1	1	0.00	2.22	0
CO1337	CO1336	4.31	1 1-	4ACSR	0	0	958	164	13	1	1	0.01	2.23	0
CO8905	CO8770	3.40	302 3-	1/0ACSR	1456	1409	1326	174	1538	69	30	0.13	2.13	301
CO8906	CO8905	3.43	298 3-	1/0ACSR	1448	1400	1316	174	1530	69	30	0.03	2.16	82
CO8771	CO8906	3.49	291 3-	1/0ACSR	1430	1381	1294	173	1485	67	29	0.07	2.23	161
CO8817	CO8771	3.54	1 1-	4ACSR	0	0	1270	173	6	0	1	0.00	2.24	0
OC294658043	CO8817	3.54	0 1-	20 N FUSE	0	0	1270	173	0	0	0	0.00	2.24	0
CO8772	CO8771	3.56	289 3-	2ACSR	1407	1356	1266	173	1472	67	37	0.12	2.36	291
CO1294	CO8772	3.64	2 1-	4ACSR	0	0	1233	172	3	0	0	0.00	2.36	0
OC-1344970936	CO1294	3.64	0 1-	20 N FUSE	0	0	1233	172	0	0	0	0.00	2.36	0
CO1293	CO8772	3.57	1 1-	4ACSR	0	0	1259	173	5	0	1	0.00	2.36	0
CO1263	CO8772	3.61	285 3-	2ACSR	1391	1338	1246	173	1459	66	37	0.09	2.45	210
CO1262	CO1263	3.72	283 3-	2ACSR	1358	1302	1207	172	1453	66	37	0.18	2.63	436
CO1494	CO1262	3.73	18 1-	6ACWC	0	0	1204	172	141	19	14	0.01	2.64	0
OC47	CO1494	3.73	18 1-	10 N FUSE	0	0	1204	172	141	19	192	0.00	2.64	0
CO1495	OC47	3.76	18 1-	6ACWC	0	0	1191	171	141	19	14	0.03	2.66	6
CO1261	CO1495	3.83	13 1-	6ACWC	0	0	1161	171	113	15	11	0.05	2.71	9
CO1342	CO1261	3.87	1 1-	6ACWC	0	0	1146	170	9	1	1	0.00	2.71	0
CO1343	CO1342	3.92	1 1-	6ACWC	0	0	1128	170	9	1	1	0.00	2.71	0
CO1292	CO1261	3.90	2 1-	6ACWC	0	0	1136	170	9	1	1	0.00	2.71	0
CO1260	CO1261	3.86	9 1-	6ACWC	0	0	1150	170	84	11	8	0.01	2.72	0
CO1259	CO1260	3.93	6 1-	6ACWC	0	0	1125	170	64	8	6	0.02	2.75	2
CO1352	CO1259	4.00	3 1-	6ACWC	0	0	1097	169	30	4	3	0.01	2.76	0
CO1353	CO1352	4.05	3 1-	6ACWC	0	0	1080	168	30	4	3	0.01	2.77	0
CO1354	CO1353	4.13	2 1-	6ACWC	0	0	1052	167	22	3	2	0.01	2.77	0
CO1349	CO1259	3.99	2 1-	6ACWC	0	0	1104	169	26	3	3	0.01	2.75	0
CO1350	CO1349	4.04	1 1-	6ACWC	0	0	1083	168	7	1	1	0.00	2.76	0
CO1351	CO1350	4.16	1 1-	6ACWC	0	0	1043	167	7	1	1	0.00	2.76	0
CO1344	CO1260	3.95	3 1-	6ACWC	0	0	1118	169	21	2	2	0.01	2.73	0
CO1345	CO1344	3.99	2 1-	6ACWC	0	0	1100	169	20	2	2	0.01	2.74	0
CO1346	CO1345	4.01	2 1-	6ACWC	0	0	1095	169	20	2	2	0.00	2.74	0
CO1347	CO1346	4.06	2 1-	6ACWC	0	0	1078	168	20	2	2	0.00	2.75	0
CO1348	CO1347	4.08	1 1-	6ACWC	0	0	1069	168	9	1	1	0.00	2.75	0
CO1340	CO1495	3.79	3 1-	6ACWC	0	0	1178	171	12	1	1	0.00	2.66	0
CO1341	CO1340	3.83	1 1-	6ACWC	0	0	1163	171	3	0	0	0.00	2.66	0
CO1355	CO1262	3.91	264 3-	2ACSR	1303	1242	1143	170	1307	59	33	0.28	2.91	596
CO1356	CO1355	3.98	263 3-	2ACSR	1282	1219	1119	170	1288	58	33	0.11	3.02	237
CO1266	CO1356	4.04	255 3-	2ACSR	1266	1202	1101	169	1243	56	32	0.08	3.11	168
CO1300	CO1266	4.09	3 1-	6ACWC	0	0	1081	169	10	1	1	0.00	3.11	0
OC-1355472821	CO1300	4.09	0 1-	20 N FUSE	0	0	1081	169	0	0	0	0.00	3.11	0
CO1265	CO1266	4.13	248 3-	2ACSR	1240	1174	1073	169	1228	56	31	0.14	3.24	272
CO1264	CO1265	4.19	242 3-	2ACSR	1224	1157	1056	168	1201	55	31	0.08	3.32	162
CO1363	CO1264	4.25	237 3-	2ACSR	1209	1143	1040	168	1176	54	30	0.08	3.40	151
CO1364	CO1363	4.29	237 3-	2ACSR	1198	1133	1028	168	1175	54	30	0.06	3.46	112
CO1365	CO1364	4.33	236 3-	2ACSR	1187	1122	1016	167	1165	53	30	0.06	3.52	112
CO1492	CO1365	4.34	7 1-	6ACWC	0	0	1014	167	31	4	3	0.00	3.52	0
OC46	CO1492	4.34	7 1-	10 N FUSE	0	0	1014	167	31	4	42	0.00	3.52	0
CO1493	OC46	4.49	7 1-	6ACWC	0	0	967	166	31	4	3	0.03	3.55	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1298	CO1493	4.58	1 1-	6ACWC	0	0	942	165	10	1	1	0.00	3.55	0
CO1368	CO1493	4.55	6 1-	6ACWC	0	0	950	165	21	2	2	0.01	3.56	0
CO1369	CO1368	4.58	5 1-	6ACWC	0	0	942	165	20	2	2	0.00	3.56	0
CO1370	CO1369	4.61	3 1-	6ACWC	0	0	932	164	11	1	1	0.00	3.56	0
CO1296	CO1370	4.65	2 1-	6ACWC	0	0	922	164	11	1	1	0.00	3.56	0
CO1371	CO1370	4.66	1 1-	6ACWC	0	0	920	164	0	0	0	0.00	3.56	0
CO1372	CO1371	4.72	0 1-	6ACWC	0	0	903	163	0	0	0	0.00	3.56	0
CO1297	CO1371	4.74	1 1-	6ACWC	0	0	897	163	0	0	0	0.00	3.56	0
CO1366	CO1365	4.39	228 3-	2ACSR	1172	1107	1000	167	1125	51	29	0.08	3.60	149
CO1367	CO1366	4.45	228 3-	2ACSR	1158	1095	986	167	1125	51	29	0.07	3.67	129
CO1486	CO1367	4.45	227 3-	2ACSR	1157	1094	985	166	1121	51	29	0.01	3.68	16
OC50	CO1486	4.45	227 3-	70 L OCR	1157	1094	985	166	1120	51	74	0.00	3.68	0
CO1487	OC50	4.65	227 3-	2ACSR	1109	1048	935	165	1120	51	29	0.27	3.95	489
CO1490	CO1487	4.66	4 1-	4ACSR	0	0	934	165	15	2	1	0.00	3.95	0
OC44	CO1490	4.66	4 1-	10 N FUSE	0	0	934	165	15	2	20	0.00	3.95	0
CO1491	OC44	5.01	4 1-	4ACSR	0	0	842	161	15	2	1	0.03	3.98	0
CO1289	CO1491	5.06	1 1-	4ACSR	0	0	831	161	4	0	0	0.00	3.98	0
CO1382	CO1491	5.05	3 1-	4ACSR	0	0	833	161	11	1	1	0.00	3.98	0
CO1315	CO1382	5.09	1 1-	4ACSR	0	0	825	161	3	0	0	0.00	3.98	0
CO1383	CO1382	5.15	2 1-	4ACSR	0	0	811	160	7	0	1	0.00	3.98	0
CO1384	CO1383	5.23	2 1-	4ACSR	0	0	792	159	7	0	1	0.00	3.99	0
CO1385	CO1384	5.29	0 1-	4ACSR	0	0	780	159	0	0	0	0.00	3.99	0
CO1386	CO1385	5.33	0 1-	4ACSR	0	0	772	158	0	0	0	0.00	3.99	0
CO1488	CO1487	4.66	9 1-	4ACSR	0	0	934	165	32	4	3	0.00	3.95	0
OC45	CO1488	4.66	9 1-	10 N FUSE	0	0	934	165	32	4	44	0.00	3.95	0
CO1489	OC45	4.88	9 1-	4ACSR	0	0	875	163	32	4	3	0.04	3.99	2
CO1373	CO1489	4.97	8 1-	4ACSR	0	0	853	162	31	4	3	0.02	4.01	0
CO1258	CO1373	5.12	7 1-	4ACSR	0	0	817	160	28	3	3	0.02	4.03	0
CO1374	CO1258	5.20	0 1-	4ACSR	0	0	800	160	0	0	0	0.00	4.03	0
CO1375	CO1374	5.27	0 1-	4ACSR	0	0	783	159	0	0	0	0.00	4.03	0
CO1257	CO1258	5.28	6 1-	4ACSR	0	0	781	159	17	2	2	0.02	4.04	0
CO1376	CO1257	5.30	6 1-	4ACSR	0	0	777	159	17	2	2	0.00	4.05	0
CO1377	CO1376	5.38	5 1-	4ACSR	0	0	762	158	14	1	1	0.01	4.05	0
CO1378	CO1377	5.40	5 1-	4ACSR	0	0	758	158	14	1	1	0.00	4.05	0
CO1379	CO1378	5.46	4 1-	4ACSR	0	0	746	157	2	0	0	0.00	4.05	0
CO1380	CO1379	5.58	3 1-	4ACSR	0	0	723	156	2	0	0	0.00	4.05	0
CO1381	CO1380	5.71	1 1-	4ACSR	0	0	699	155	0	0	0	0.00	4.05	0
CO1291	CO1257	5.31	0 1-	4ACSR	0	0	775	159	0	0	0	0.00	4.04	0
CO1290	CO1373	5.07	1 1-	4ACSR	0	0	828	161	2	0	0	0.00	4.01	0
CO1387	CO1487	5.10	214 3-	2ACSR	1013	959	841	162	1072	49	27	0.56	4.51	993
CO1388	CO1387	5.40	214 3-	2ACSR	955	905	786	160	1067	49	27	0.38	4.89	676
CO1389	CO1388	5.41	214 3-	2ACSR	953	904	784	160	1064	49	27	0.01	4.90	18
CO1390	CO1389	5.44	213 3-	2ACSR	948	899	779	160	1062	49	27	0.04	4.94	65
CO1267	CO1390	5.47	213 3-	2ACSR	943	894	775	160	1062	49	27	0.04	4.97	63
CO1268	CO1267	5.54	211 3-	2ACSR	930	882	762	159	1054	49	27	0.09	5.07	164
CO1391	CO1268	5.64	210 3-	2ACSR	913	867	747	158	1039	48	27	0.12	5.18	203
CO1392	CO1391	5.68	208 3-	2ACSR	906	860	740	158	1026	47	27	0.05	5.24	89
CO1393	CO1392	5.71	207 3-	2ACSR	901	855	736	158	1015	47	26	0.04	5.27	64
CO1306	CO1393	5.75	1 1-	2ACSR	0	0	730	158	1	0	0	0.00	5.27	0
OC1033144812	CO1306	5.75	0 1-	20 N FUSE	0	0	730	158	0	0	0	0.00	5.27	0
CO1269	CO1393	5.80	206 3-	2ACSR	886	842	722	157	1014	47	26	0.11	5.38	183
CO1270	CO1269	5.88	205 3-	2ACSR	874	830	711	157	1009	47	26	0.09	5.47	153

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1308	CO1270	5.92	2 1-	2ACSR	0	0	706	157	7	0	1	0.00	5.47	0
OC-524707618	CO1308	5.92	0 1-	20 N FUSE	0	0	706	157	0	0	0	0.00	5.47	0
CO1271	CO1270	5.96	203 3-	2ACSR	862	820	701	156	1001	46	26	0.09	5.56	151
CO1272	CO1271	6.02	201 3-	2ACSR	852	810	692	156	990	46	26	0.08	5.64	129
CO1394	CO1272	6.08	4 1-	2ACSR	0	0	684	156	25	3	2	0.00	5.65	0
OC-610619948	CO1394	6.08	1 1-	20 N FUSE	0	0	684	156	10	1	7	0.00	5.65	0
CO1395	OC-610619948	6.13	1 1-	2ACSR	0	0	677	155	10	1	1	0.00	5.65	0
CO1273	CO1272	6.06	197 3-	2ACSR	847	805	687	156	964	45	25	0.04	5.69	70
CO1274	CO1273	6.22	153 3-	2ACSR	824	784	666	155	651	30	17	0.13	5.81	136
CO1430	CO1274	6.38	4 1-	2ACSR	0	0	647	154	15	2	1	0.01	5.82	0
OC-1587898405	CO1430	6.38	2 1-	20 N FUSE	0	0	647	154	14	1	10	0.00	5.82	0
CO1431	OC-1587898405	6.43	2 1-	2ACSR	0	0	641	153	14	1	1	0.00	5.82	0
CO1514	CO1431	6.47	1 1-	2ACSR	0	0	636	153	6	0	0	0.00	5.82	0
CO1432	CO1514	6.55	1 1-	2ACSR	0	0	627	153	6	0	0	0.00	5.83	0
CO1275	CO1274	6.31	149 3-	2ACSR	812	773	655	154	636	29	17	0.06	5.88	69
CO8233	CO1275	6.40	146 3-	2ACSR	799	761	644	154	616	28	16	0.07	5.95	72
CO2254	CO8233	6.46	145 3-	2ACSR	791	754	637	153	616	28	16	0.04	5.99	43
CO2035	CO2254	6.51	133 3-	2ACSR	785	748	632	153	591	27	15	0.03	6.02	32
CO2261	CO2035	6.64	57 1-	2ACSR	0	0	617	152	269	37	21	0.15	6.17	65
CO2262	CO2261	6.65	56 1-	2ACSR	0	0	616	152	261	36	20	0.02	6.19	8
CO2259	CO2262	6.66	56 1-	2ACSR	0	0	614	152	261	36	20	0.01	6.20	5
CO2260	CO2259	6.76	54 1-	2ACSR	0	0	604	151	253	35	20	0.11	6.31	44
CO2036	CO2260	6.85	52 1-	2ACSR	0	0	596	151	250	35	20	0.09	6.40	37
CO2080	CO2036	6.89	1 1-	4ACSR	0	0	590	150	7	1	1	0.00	6.40	0
CO2037	CO2036	6.94	51 1-	2ACSR	0	0	586	150	242	34	19	0.10	6.50	39
CO2206	CO2037	6.99	3 1-	4ACSR	0	0	580	150	18	2	2	0.00	6.50	0
CO2205	CO2206	7.08	2 1-	4ACSR	0	0	569	149	9	1	1	0.00	6.51	0
CO2365	CO2037	6.95	48 1-	2ACSR	0	0	585	150	225	31	18	0.01	6.51	2
OC65	CO2365	6.95	48 1-	50 H OCR	0	0	585	150	224	31	63	0.00	6.51	0
CO2366	OC65	7.00	48 1-	2ACSR	0	0	581	150	224	31	18	0.05	6.55	18
CO2263	CO2366	7.09	48 1-	2ACSR	0	0	571	149	224	31	18	0.10	6.65	35
CO2264	CO2263	7.14	47 1-	2ACSR	0	0	567	149	224	31	18	0.04	6.69	16
CO2038	CO2264	7.21	43 1-	2ACSR	0	0	560	149	208	29	16	0.07	6.76	23
CO2039	CO2038	7.31	41 1-	2ACSR	0	0	552	148	204	28	16	0.08	6.85	28
CO2265	CO2039	7.35	39 1-	2ACSR	0	0	548	148	192	27	15	0.04	6.88	11
CO2266	CO2265	7.46	38 1-	2ACSR	0	0	539	147	191	27	15	0.09	6.97	28
CO300253970	CO2266	7.51	0 1-	2ACSR	0	0	535	147	0	0	0	0.00	6.97	0
CO2040	CO2266	7.53	33 1-	2ACSR	0	0	533	147	170	24	13	0.05	7.02	14
CO2041	CO2040	7.60	30 1-	2ACSR	0	0	527	146	158	22	12	0.05	7.07	13
CO2075	CO2041	7.65	4 1-	4ACSR	0	0	522	146	13	1	1	0.00	7.07	0
CO2042	CO2041	7.96	26 1-	2ACSR	0	0	500	144	145	20	11	0.23	7.30	54
CO2200	CO2042	8.04	4 1-	4ACSR	0	0	493	144	3	0	0	0.00	7.30	0
CO2199	CO2200	8.14	1 1-	4ACSR	0	0	484	143	2	0	0	0.00	7.30	0
CO2043	CO2042	8.23	22 1-	2ACSR	0	0	481	143	142	20	11	0.16	7.46	38
CO2074	CO2043	8.29	0 1-	4ACSR	0	0	477	143	0	0	0	0.00	7.46	0
CO2044	CO2043	8.32	22 1-	2ACSR	0	0	475	142	142	20	11	0.06	7.52	14
CO2367	CO2044	8.33	0 1-	6ACWC	0	0	475	142	0	0	0	0.00	7.52	0
CO2045	CO2044	8.49	22 1-	2ACSR	0	0	464	142	142	20	11	0.10	7.62	23
CO2134	CO2045	8.59	15 1-	2ACSR	0	0	458	141	100	14	8	0.04	7.66	7
CO2133	CO2134	8.64	15 1-	2ACSR	0	0	455	141	100	14	8	0.02	7.68	4
CO2132	CO2133	8.67	13 1-	2ACSR	0	0	453	141	93	13	7	0.01	7.70	0
CO2058	CO2132	8.71	11 1-	2ACSR	0	0	451	140	86	12	7	0.01	7.71	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2073	CO2058	8.77	1 1-	4ACSR	0	0	447	140	8	1	1	0.00	7.71	0
CO2269	CO2058	8.79	10 1-	2ACSR	0	0	446	140	78	11	6	0.02	7.74	3
CO2270	CO2269	8.88	9 1-	2ACSR	0	0	441	139	68	9	5	0.03	7.77	3
CO2149	CO2270	8.95	2 1-	2ACSR	0	0	438	139	12	1	1	0.00	7.77	0
CO2148	CO2149	8.97	2 1-	2ACSR	0	0	436	139	12	1	1	0.00	7.77	0
CO2102	CO2148	9.01	2 1-	4ACSR	0	0	433	139	12	1	1	0.00	7.77	0
CO8226	CO2270	8.95	7 1-	4ACSR	0	0	436	139	55	7	6	0.02	7.79	2
CO1329	CO8226	9.00	2 1-	2ACSR	0	0	433	139	15	2	1	0.00	7.79	0
CO1427	CO8226	8.97	4 1-	2ACSR	0	0	435	139	25	3	2	0.00	7.79	0
CO1428	CO1427	9.01	4 1-	2ACSR	0	0	433	139	25	3	2	0.00	7.80	0
CO1429	CO1428	9.03	2 1-	2ACSR	0	0	432	139	13	1	1	0.00	7.80	0
CO1426	CO8226	8.99	1 1-	4ACSR	0	0	433	139	15	2	2	0.00	7.79	0
CO2104	CO2132	8.71	2 1-	4ACSR	0	0	451	140	7	0	1	0.00	7.70	0
CO-399594315	CO2104	8.79	1 1-	2ACSR	0	0	446	140	0	0	0	0.00	7.70	0
CO2057	CO2045	8.58	3 1-	6ACWC	0	0	458	141	15	2	2	0.01	7.63	0
CO2370	CO2057	8.59	0 1-	6ACWC	0	0	457	141	0	0	0	0.00	7.63	0
CO2194	CO2057	8.63	3 1-	6ACWC	0	0	454	141	15	2	2	0.00	7.63	0
CO2193	CO2194	8.66	3 1-	6ACWC	0	0	451	140	15	2	2	0.00	7.64	0
CO2192	CO2193	8.71	2 1-	6ACWC	0	0	448	140	7	0	1	0.00	7.64	0
CO2196	CO2045	8.63	2 1-	6ACWC	0	0	454	141	15	2	2	0.01	7.63	0
CO2198	CO2196	8.69	2 1-	6ACWC	0	0	449	140	15	2	2	0.00	7.64	0
CO2197	CO2198	8.74	1 1-	6ACWC	0	0	446	140	8	1	1	0.00	7.64	0
CO2195	CO2196	8.70	0 1-	6ACWC	0	0	448	140	0	0	0	0.00	7.63	0
CO2267	CO2040	7.61	1 1-	4ACSR	0	0	525	146	1	0	0	0.00	7.02	0
CO2268	CO2267	7.64	0 1-	4ACSR	0	0	522	146	0	0	0	0.00	7.02	0
CO2202	CO2266	7.52	3 1-	4ACSR	0	0	533	147	14	2	1	0.00	6.97	0
CO2201	CO2202	7.57	2 1-	4ACSR	0	0	528	146	8	1	1	0.00	6.98	0
CO2204	CO2039	7.39	1 1-	4ACSR	0	0	544	148	5	0	1	0.00	6.85	0
CO2203	CO2204	7.44	1 1-	4ACSR	0	0	538	147	5	0	1	0.00	6.85	0
CO2076	CO2039	7.34	1 1-	4ACSR	0	0	549	148	6	0	1	0.00	6.85	0
CO2077	CO2038	7.27	2 1-	4ACSR	0	0	554	148	4	0	0	0.00	6.76	0
CO1906880266	CO2077	7.32	1 1-	4ACSR	0	0	549	148	1	0	0	0.00	6.76	0
CO2138964922	CO1906880266	7.36	1 1-	4ACSR	0	0	544	147	1	0	0	0.00	6.76	0
CO2079	CO2264	7.21	1 1-	4ACSR	0	0	560	149	0	0	0	0.00	6.69	0
CO2078	CO2264	7.21	1 1-	4ACSR	0	0	559	149	14	2	1	0.00	6.70	0
CO2081	CO2260	6.86	2 1-	4ACSR	0	0	591	151	2	0	0	0.00	6.31	0
CO2279	CO2035	6.56	72 3-	2ACSR	779	742	626	153	299	14	8	0.02	6.04	9
CO2280	CO2279	6.69	71 3-	2ACSR	761	726	611	152	296	13	8	0.05	6.09	24
CO2072	CO2280	6.75	1 1-	2ACSR	0	0	605	151	3	0	0	0.00	6.09	0
OC1970704413	CO2072	6.75	0 1-	20 N FUSE	0	0	605	151	0	0	0	0.00	6.09	0
CO2046	CO2280	6.76	70 3-	2ACSR	753	719	604	151	293	13	8	0.02	6.11	11
CO2084	CO2046	6.83	1 1-	2ACSR	0	0	597	151	1	0	0	0.00	6.11	0
OC-503316782	CO2084	6.83	0 1-	20 N FUSE	0	0	597	151	0	0	0	0.00	6.11	0
CO2135	CO2046	6.84	69 3-	2ACSR	744	710	596	151	292	13	8	0.03	6.14	13
CO2379	CO2135	6.87	69 3-	2ACSR	740	706	593	151	292	13	8	0.01	6.15	6
CO2380	CO2379	6.93	3 1-	4ACSR	0	0	586	150	14	1	1	0.00	6.16	0
OC-408968947	CO2380	6.93	2 1-	20 N FUSE	0	0	586	150	14	1	10	0.00	6.16	0
CO2281	OC-408968947	6.95	2 1-	4ACSR	0	0	584	150	14	1	1	0.00	6.16	0
CO2062	CO2379	6.95	66 3-	2ACSR	731	698	585	150	278	13	7	0.03	6.18	12
CO2231	CO2062	6.98	6 1-	4ACSR	0	0	582	150	20	2	2	0.00	6.18	0
OC-1602578877	CO2231	6.98	6 1-	20 N FUSE	0	0	582	150	20	2	14	0.00	6.18	0
CO2284	OC-1602578877	7.01	3 1-	4ACSR	0	0	578	150	17	2	2	0.00	6.18	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2285	CO2284	7.04	2 1-	4ACSR	0	0	574	149	5	0	1	0.00	6.18	0
CO2282	OC-1602578877	7.02	3 1-	4ACSR	0	0	577	150	3	0	0	0.00	6.18	0
CO2283	CO2282	7.05	2 1-	4ACSR	0	0	573	149	2	0	0	0.00	6.18	0
CO2230	CO2283	7.10	2 1-	4ACSR	0	0	567	149	2	0	0	0.00	6.18	0
CO2118	CO2062	6.98	1 1-	4ACSR	0	0	582	150	3	0	0	0.00	6.18	0
OC-70955910	CO2118	6.98	0 1-	20 N FUSE	0	0	582	150	0	0	0	0.00	6.18	0
CO2061	CO2062	7.03	59 3-	2ACSR	723	690	578	150	255	11	7	0.02	6.20	10
CO2060	CO2061	7.11	58 3-	2ACSR	713	682	570	149	247	11	6	0.03	6.22	10
CO2237	CO2060	7.14	4 1-	4ACSR	0	0	566	149	9	1	1	0.00	6.23	0
OC272718762	CO2237	7.14	3 1-	20 N FUSE	0	0	566	149	5	0	4	0.00	6.23	0
CO2236	OC272718762	7.16	3 1-	4ACSR	0	0	564	149	5	0	1	0.00	6.23	0
CO2115	CO2236	7.21	2 1-	4ACSR	0	0	558	148	2	0	0	0.00	6.23	0
CO2235	CO2236	7.19	1 1-	4ACSR	0	0	560	149	3	0	0	0.00	6.23	0
CO2234	CO2235	7.26	1 1-	4ACSR	0	0	553	148	3	0	0	0.00	6.23	0
CO-691250619	CO2060	7.12	52 3-	2ACSR	712	680	568	149	235	11	6	0.00	6.23	0
CO216847551	CO-691250619	7.14	1 1-	2ACSR	0	0	567	149	0	0	0	0.00	6.23	0
OC746656127	CO216847551	7.14	0 1-	20 N FUSE	0	0	567	149	0	0	0	0.00	6.23	0
CO1995394520	CO-691250619	7.16	1 1-	2ACSR	0	0	565	149	3	0	0	0.00	6.23	0
CO-409473587	CO-691250619	7.26	50 3-	2ACSR	698	667	556	148	232	10	6	0.04	6.26	14
CO2287	CO-409473587	7.32	50 3-	2ACSR	691	661	551	148	232	10	6	0.02	6.28	7
CO2116	CO2287	7.37	0 1-	4ACSR	0	0	545	148	0	0	0	0.00	6.28	0
CO2288	CO2287	7.36	50 3-	2ACSR	687	657	547	148	232	10	6	0.01	6.29	5
CO2289	CO2288	7.41	48 3-	2ACSR	682	653	543	148	226	10	6	0.01	6.31	5
CO2152	CO2289	7.50	1 1-	6ACWC	0	0	533	147	1	0	0	0.00	6.31	0
OC-82846765	CO2152	7.50	1 1-	20 N FUSE	0	0	533	147	1	0	0	0.00	6.31	0
CO2290	OC-82846765	7.53	1 1-	6ACWC	0	0	531	147	1	0	0	0.00	6.31	0
CO2291	CO2290	7.72	1 1-	6ACWC	0	0	512	145	1	0	0	0.00	6.31	0
CO2151	CO2291	7.91	1 1-	6ACWC	0	0	494	144	1	0	0	0.00	6.31	0
CO2150	CO2151	8.02	1 1-	6ACWC	0	0	485	143	1	0	0	0.00	6.31	0
CO2361	CO2289	7.45	1 3-	2ACSR	679	649	540	147	2	0	0	0.00	6.31	0
CO2362	CO2361	7.47	1 3-	2ACSR	677	647	538	147	2	0	0	0.00	6.31	0
CO2153	CO2362	7.53	1 3-	2ACSR	670	641	533	147	2	0	0	0.00	6.31	0
CO2117	CO2153	7.61	1 1-	4ACSR	0	0	525	146	2	0	0	0.00	6.31	0
OC30578829	CO2117	7.61	0 1-	20 N FUSE	0	0	525	146	0	0	0	0.00	6.31	0
CO2372	CO2153	7.65	0 3-	2ACSR	659	631	523	146	0	0	0	0.00	6.31	0
#SW74-B	CO2372	7.65	0 3-	Open	659	631	523	146	0	0	0	0.00	6.31	0
CO2374	CO2289	7.42	46 1-	4ACSR	0	0	542	148	224	31	23	0.01	6.32	4
OC66	CO2374	7.42	46 1-	50 H OCR	0	0	542	148	224	31	63	0.00	6.32	0
CO2375	OC66	7.47	46 1-	4ACSR	0	0	537	147	224	31	23	0.08	6.39	29
RG29378565	CO2375	7.47	45 1-	100.000000000000	0	0	537	147	218	30	0	-6.39	0.00	0
CO2381	RG29378565	7.61	45 1-	4ACSR	0	0	522	146	218	29	21	0.18	0.18	62
CO2292	CO2381	7.64	44 1-	4ACSR	0	0	520	146	210	28	20	0.03	0.21	11
CO2095	CO2292	7.81	2 1-	4ACSR	0	0	504	144	5	0	0	0.00	0.21	0
CO2137	CO2292	7.66	42 1-	4ACSR	0	0	517	145	206	27	20	0.03	0.25	12
CO2136	CO2137	7.77	42 1-	4ACSR	0	0	507	145	205	27	20	0.13	0.37	42
CO2096	CO2136	7.80	0 1-	4ACSR	0	0	504	144	0	0	0	0.00	0.37	0
CO2094	CO2136	8.01	1 1-	4ACSR	0	0	486	143	7	0	1	0.00	0.38	0
CO898034151	CO2094	8.05	0 1-	2ACSR	0	0	483	143	0	0	0	0.00	0.38	0
CO2293	CO2136	7.97	40 1-	4ACSR	0	0	489	143	194	26	19	0.23	0.60	73
CO2294	CO2293	8.06	40 1-	4ACSR	0	0	481	142	194	26	19	0.10	0.71	32
CO2050	CO2294	8.18	34 1-	4ACSR	0	0	471	141	166	22	16	0.12	0.83	31
CO2051	CO2050	8.22	32 1-	4ACSR	0	0	467	141	149	20	14	0.04	0.86	9

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2295	CO2051	8.30	2 1-	4ACSR	0	0	461	140	7	0	1	0.00	0.87	0
CO2296	CO2295	8.35	1 1-	4ACSR	0	0	457	140	3	0	0	0.00	0.87	0
CO2052	CO2051	8.30	28 1-	4ACSR	0	0	461	141	132	17	13	0.06	0.92	13
CO2089	CO2052	8.35	1 1-	4ACSR	0	0	457	140	9	1	1	0.00	0.93	0
CO2053	CO2052	8.36	25 1-	4ACSR	0	0	456	140	111	14	11	0.04	0.96	7
CO2127	CO2053	8.39	0 1-	2ACSR	0	0	455	140	0	0	0	0.00	0.96	0
CO2210	CO2053	8.44	4 1-	4ACSR	0	0	450	140	16	2	2	0.01	0.97	0
CO1409467484	CO2210	8.48	2 1-	2ACSR	0	0	448	139	12	1	1	0.00	0.97	0
CO-1045659415	CO1409467484	8.53	2 1-	2ACSR	0	0	445	139	12	1	1	0.00	0.98	0
CO2143	CO-1045659415	8.63	1 1-	4ACSR	0	0	438	138	1	0	0	0.00	0.98	0
CO2142	CO-1045659415	8.60	0 1-	4ACSR	0	0	440	138	0	0	0	0.00	0.98	0
CO2048	CO2142	8.98	0 1-	4ACSR	0	0	414	136	0	0	0	0.00	0.98	0
CO2049	CO2048	9.29	0 1-	4ACSR	0	0	395	134	0	0	0	0.00	0.98	0
CO2147	CO2049	9.61	0 1-	4ACSR	0	0	377	131	0	0	0	0.00	0.98	0
CO2357	CO2147	9.67	0 1-	4ACSR	0	0	374	131	0	0	0	0.00	0.98	0
CO2358	CO2357	9.67	0 1-	4ACSR	0	0	373	131	0	0	0	0.00	0.98	0
CO2146	CO2358	9.86	0 1-	4ACSR	0	0	363	130	0	0	0	0.00	0.98	0
CO2103	CO2049	9.38	0 1-	4ACSR	0	0	390	133	0	0	0	0.00	0.98	0
CO2218	CO2048	9.10	0 1-	4ACSR	0	0	406	135	0	0	0	0.00	0.98	0
CO2217	CO2218	9.31	0 1-	4ACSR	0	0	393	133	0	0	0	0.00	0.98	0
CO2091	CO-1045659415	8.57	1 1-	4ACSR	0	0	442	139	10	1	1	0.00	0.98	0
CO2209	CO2210	8.49	1 1-	4ACSR	0	0	447	139	4	0	0	0.00	0.97	0
CO2208	CO2209	8.55	1 1-	4ACSR	0	0	442	139	4	0	0	0.00	0.97	0
CO2054	CO2053	8.50	17 1-	4ACSR	0	0	446	139	82	11	8	0.07	1.03	9
CO2297	CO2054	8.55	15 1-	4ACSR	0	0	442	139	72	9	7	0.02	1.05	2
CO2298	CO2297	8.60	14 1-	4ACSR	0	0	439	138	71	9	7	0.02	1.07	2
CO2299	CO2298	8.61	13 1-	4ACSR	0	0	437	138	69	9	7	0.01	1.08	0
CO2087	CO2299	8.69	4 1-	4ACSR	0	0	432	138	23	3	2	0.01	1.09	0
CO2300	CO2087	8.75	2 1-	2ACSR	0	0	429	137	14	1	1	0.00	1.09	0
CO2301	CO2300	8.79	1 1-	2ACSR	0	0	427	137	11	1	1	0.00	1.09	0
CO2244	CO2299	8.64	1 1-	2ACSR	0	0	436	138	2	0	0	0.00	1.08	0
CO2243	CO2244	8.68	1 1-	2ACSR	0	0	434	138	2	0	0	0.00	1.08	0
CO2302	CO2299	8.70	8 1-	4ACSR	0	0	431	138	43	5	4	0.02	1.10	0
CO2303	CO2302	8.76	7 1-	4ACSR	0	0	427	137	35	4	3	0.01	1.11	0
CO2085	CO2303	8.85	1 1-	4ACSR	0	0	421	136	5	0	0	0.00	1.11	0
CO2304	CO2303	8.79	6 1-	4ACSR	0	0	425	137	30	4	3	0.01	1.12	0
CO2305	CO2304	8.81	5 1-	4ACSR	0	0	423	137	30	4	3	0.00	1.12	0
CO2306	CO2305	8.82	4 1-	4ACSR	0	0	423	137	27	3	3	0.00	1.12	0
CO2086	CO2306	8.87	2 1-	4ACSR	0	0	420	136	12	1	1	0.00	1.12	0
CO2207	CO2306	8.85	2 1-	4ACSR	0	0	421	136	15	2	1	0.00	1.12	0
CO2124	CO2054	8.55	1 1-	2ACSR	0	0	443	139	5	0	0	0.00	1.03	0
CO2212	CO2052	8.38	2 1-	4ACSR	0	0	455	140	12	1	1	0.00	0.93	0
CO2211	CO2212	8.46	1 1-	4ACSR	0	0	449	139	0	0	0	0.00	0.93	0
CO2090	CO2050	8.26	1 1-	4ACSR	0	0	464	141	7	0	1	0.00	0.83	0
CO2047	CO2294	8.23	5 1-	4ACSR	0	0	467	141	24	3	2	0.03	0.73	0
CO2376	CO2047	8.24	0 1-	750 MCM - 42 Wi	0	0	466	141	0	0	0	0.00	0.73	0
OC69	CO2376	8.24	0 1-	10 H OCR	0	0	466	141	0	0	0	0.00	0.73	0
CO2141	OC69	8.49	0 1-	4ACSR	0	0	447	139	0	0	0	0.00	0.73	0
CO2140	CO2141	8.73	0 1-	4ACSR	0	0	429	137	0	0	0	0.00	0.73	0
CO2139	CO2140	8.86	0 1-	4ACSR	0	0	421	136	0	0	0	0.00	0.73	0
CO2138	CO2139	8.93	0 1-	4ACSR	0	0	416	136	0	0	0	0.00	0.73	0
CO2216	CO2047	8.27	3 1-	4ACSR	0	0	463	141	12	1	1	0.00	0.74	0

Substation Power Factor: 0.97
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2215	CO2216	8.30	2 1-	4ACSR	0	0	461	141	11	1	1	0.00	0.74	0
CO2214	CO2215	8.34	2 1-	4ACSR	0	0	458	140	11	1	1	0.00	0.74	0
CO2213	CO2214	8.37	2 1-	4ACSR	0	0	456	140	11	1	1	0.00	0.74	0
CO2092	CO2047	8.30	2 1-	4ACSR	0	0	461	141	12	1	1	0.00	0.74	0
CO2093	CO2294	8.09	1 1-	4ACSR	0	0	478	142	4	0	0	0.00	0.71	0
CO2233	CO2061	7.05	1 1-	4ACSR	0	0	575	150	8	1	1	0.00	6.20	0
OC1509462541	CO2233	7.05	1 1-	20 N FUSE	0	0	575	150	8	1	5	0.00	6.20	0
CO2232	OC1509462541	7.19	1 1-	4ACSR	0	0	559	148	8	1	1	0.00	6.20	0
CO2106	CO2035	6.53	1 1-	4ACSR	0	0	629	153	4	0	0	0.00	6.02	0
CO2363	CO2254	6.46	12 1-	4ACSR	0	0	636	153	25	3	3	0.00	5.99	0
OC67	CO2363	6.46	12 1-	10 N FUSE	0	0	636	153	25	3	36	0.00	5.99	0
CO2364	OC67	6.52	12 1-	4ACSR	0	0	628	153	25	3	3	0.01	6.00	0
CO2255	CO2364	6.59	8 1-	4ACSR	0	0	620	152	17	2	2	0.01	6.00	0
CO2256	CO2255	6.62	7 1-	4ACSR	0	0	615	152	16	2	2	0.00	6.01	0
CO2083	CO2256	6.66	1 1-	4ACSR	0	0	609	151	3	0	0	0.00	6.01	0
CO2082	CO2256	6.68	1 1-	4ACSR	0	0	607	151	1	0	0	0.00	6.01	0
CO2359	CO2256	6.65	5 1-	4ACSR	0	0	611	152	12	1	1	0.00	6.01	0
CO2360	CO2359	6.68	4 1-	4ACSR	0	0	606	151	10	1	1	0.00	6.01	0
CO2257	CO2360	6.73	4 1-	4ACSR	0	0	600	151	10	1	1	0.00	6.01	0
CO2258	CO2257	6.80	2 1-	4ACSR	0	0	591	150	3	0	0	0.00	6.01	0
CO8212	CO2258	6.87	1 1-	4ACSR	0	0	583	150	2	0	0	0.00	6.01	0
CO1433	CO1275	6.36	3 1-	4ACSR	0	0	647	154	19	2	2	0.01	5.88	0
CO1434	CO1433	6.53	3 1-	4ACSR	0	0	622	152	19	2	2	0.02	5.90	0
CO1437	CO1434	6.67	1 1-	4ACSR	0	0	605	151	6	0	1	0.00	5.91	0
CO1438	CO1437	6.80	1 1-	4ACSR	0	0	588	150	6	0	1	0.00	5.91	0
CO1435	CO1434	6.56	1 1-	4ACSR	0	0	619	152	9	1	1	0.00	5.90	0
CO1436	CO1435	6.59	0 1-	4ACSR	0	0	615	152	0	0	0	0.00	5.90	0
CO1496	CO1273	6.07	44 1-	4ACSR	0	0	686	156	313	43	31	0.01	5.70	7
OC43	CO1496	6.07	44 1-	35 H OCR	0	0	686	156	313	43	125	0.00	5.70	0
CO1497	OC43	6.17	44 1-	4ACSR	0	0	669	155	313	43	31	0.20	5.90	102
CO1396	CO1497	6.25	42 1-	4ACSR	0	0	657	154	301	42	30	0.15	6.05	78
CO1508	CO1396	6.35	2 1-	4ACSR	0	0	641	153	7	1	1	0.00	6.05	0
CO1509	CO1508	6.42	1 1-	4ACSR	0	0	631	152	6	0	1	0.00	6.05	0
CO1397	CO1396	6.48	40 1-	4ACSR	0	0	623	152	294	41	30	0.42	6.47	208
CO1398	CO1397	6.52	40 1-	4ACSR	0	0	617	152	293	41	30	0.08	6.55	41
CO1399	CO1398	6.73	40 1-	4ACSR	0	0	590	150	292	41	30	0.39	6.94	192
CO1400	CO1399	6.79	39 1-	4ACSR	0	0	583	149	291	41	29	0.10	7.04	50
CO1313	CO1400	6.96	1 1-	4ACSR	0	0	562	148	8	1	1	0.00	7.05	0
CO1332	CO1400	6.84	1 1-	2ACSR	0	0	577	149	6	0	0	0.00	7.04	0
CO1401	CO1400	6.83	37 1-	4ACSR	0	0	578	149	276	39	28	0.07	7.11	33
CO1276	CO1401	6.93	37 1-	4ACSR	0	0	565	148	276	39	28	0.18	7.29	86
CO1277	CO1276	6.97	15 1-	4ACSR	0	0	561	148	133	18	14	0.03	7.33	7
CO1498	CO1277	7.03	10 1-	4ACSR	0	0	554	147	90	12	9	0.03	7.36	4
CO1499	CO1498	7.04	9 1-	4ACSR	0	0	552	147	77	10	8	0.01	7.37	0
CO1310	CO1499	7.11	1 1-	4ACSR	0	0	545	147	10	1	1	0.00	7.37	0
CO1500	CO1499	7.10	8 1-	4ACSR	0	0	547	147	67	9	7	0.02	7.38	0
CO1505	CO1500	7.15	4 1-	4ACSR	0	0	540	146	24	3	2	0.01	7.39	0
CO1506	CO1505	7.20	1 1-	4ACSR	0	0	535	146	7	1	1	0.00	7.39	0
CO1507	CO1506	7.26	1 1-	4ACSR	0	0	529	145	7	1	1	0.00	7.39	0
CO1501	CO1500	7.17	2 1-	4ACSR	0	0	539	146	25	3	3	0.01	7.40	0
CO1502	CO1501	7.20	2 1-	4ACSR	0	0	536	146	25	3	3	0.00	7.40	0
CO1503	CO1502	7.25	1 1-	4ACSR	0	0	530	146	19	2	2	0.01	7.41	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1504	CO1503	7.30	1 1-	4ACSR	0	0	525	145	19	2	2	0.00	7.41	0
CO1312	CO1277	7.03	3 1-	4ACSR	0	0	554	147	31	4	3	0.01	7.33	0
CO1311	CO1277	7.08	2 1-	4ACSR	0	0	548	147	12	1	1	0.00	7.33	0
CO1402	CO1276	7.03	22 1-	4ACSR	0	0	554	147	143	20	15	0.09	7.39	22
CO1403	CO1402	7.10	22 1-	4ACSR	0	0	547	147	143	20	15	0.06	7.44	14
CO1406	CO1403	7.16	20 1-	4ACSR	0	0	540	146	122	17	12	0.05	7.49	10
CO1407	CO1406	7.26	19 1-	4ACSR	0	0	529	145	119	16	12	0.08	7.57	16
CO1408	CO1407	7.41	18 1-	4ACSR	0	0	514	144	118	16	12	0.11	7.68	23
CO1414	CO1408	7.43	12 1-	4ACSR	0	0	512	144	97	13	10	0.01	7.70	0
CO1415	CO1414	7.53	12 1-	4ACSR	0	0	503	143	97	13	10	0.06	7.75	10
CO1416	CO1415	7.60	11 1-	4ACSR	0	0	496	143	95	13	10	0.04	7.80	7
CO1418	CO1416	7.64	10 1-	4ACSR	0	0	492	142	91	12	9	0.02	7.82	3
CO1420	CO1418	7.69	9 1-	4ACSR	0	0	488	142	80	11	8	0.02	7.85	3
CO1421	CO1420	7.74	8 1-	4ACSR	0	0	483	142	69	9	7	0.02	7.87	2
CO1422	CO1421	7.81	8 1-	4ACSR	0	0	477	141	69	9	7	0.03	7.89	3
CO1423	CO1422	7.86	6 1-	4ACSR	0	0	473	141	51	7	5	0.01	7.91	0
CO1424	CO1423	7.94	5 1-	4ACSR	0	0	466	140	44	6	4	0.02	7.93	0
CO1425	CO1424	8.02	3 1-	4ACSR	0	0	460	140	29	4	3	0.01	7.94	0
CO1512	CO1425	8.05	2 1-	4ACSR	0	0	457	139	16	2	2	0.00	7.94	0
CO1513	CO1512	8.06	0 1-	4ACSR	0	0	457	139	0	0	0	0.00	7.94	0
CO1419	CO1418	7.70	1 1-	4ACSR	0	0	487	142	11	1	1	0.00	7.82	0
CO1417	CO1416	7.66	1 1-	4ACSR	0	0	490	142	4	0	0	0.00	7.80	0
CO1410	CO1408	7.59	2 1-	4ACSR	0	0	497	143	11	1	1	0.01	7.69	0
CO1411	CO1410	7.68	1 1-	4ACSR	0	0	489	142	0	0	0	0.00	7.69	0
CO1409	CO1408	7.53	4 1-	4ACSR	0	0	503	143	9	1	1	0.01	7.69	0
CO1314	CO1409	7.57	1 1-	4ACSR	0	0	498	143	5	0	0	0.00	7.69	0
CO1412	CO1409	7.54	3 1-	4ACSR	0	0	501	143	5	0	0	0.00	7.69	0
CO1413	CO1412	7.60	2 1-	4ACSR	0	0	496	143	5	0	0	0.00	7.69	0
CO1404	CO1403	7.17	2 1-	4ACSR	0	0	538	146	21	2	2	0.01	7.45	0
CO1405	CO1404	7.22	1 1-	4ACSR	0	0	533	146	10	1	1	0.00	7.45	0
CO1309	CO1271	6.00	2 1-	2ACSR	0	0	694	156	11	1	1	0.00	5.57	0
OC-830579345	CO1309	6.00	0 1-	20 N FUSE	0	0	694	156	0	0	0	0.00	5.57	0
CO1307	CO1269	5.92	1 1-	2ACSR	0	0	705	157	5	0	0	0.00	5.38	0
OC1795333941	CO1307	5.92	0 1-	20 N FUSE	0	0	705	157	0	0	0	0.00	5.38	0
CO1305	CO1268	5.63	0 1-	2ACSR	0	0	749	158	0	0	0	0.00	5.07	0
OC414237280	CO1305	5.63	0 1-	20 N FUSE	0	0	749	158	0	0	0	0.00	5.07	0
CO1304	CO1267	5.51	2 1-	2ACSR	0	0	768	159	8	1	1	0.00	4.97	0
OC840534096	CO1304	5.51	0 1-	20 N FUSE	0	0	768	159	0	0	0	0.00	4.97	0
CO1303	CO1390	5.48	0 1-	2ACSR	0	0	772	159	0	0	0	0.00	4.94	0
OC-1282052766	CO1303	5.48	0 1-	20 N FUSE	0	0	772	159	0	0	0	0.00	4.94	0
CO1295	CO1367	4.49	1 1-	4ACSR	0	0	972	166	3	0	0	0.00	3.67	0
OC1014028958	CO1295	4.49	0 1-	20 N FUSE	0	0	972	166	0	0	0	0.00	3.67	0
CO1361	CO1264	4.27	2 1-	4ACSR	0	0	1030	168	4	0	0	0.00	3.33	0
OC1559923183	CO1361	4.27	1 1-	20 N FUSE	0	0	1030	168	4	0	3	0.00	3.33	0
CO1362	OC1559923183	4.32	1 1-	4ACSR	0	0	1012	167	4	0	0	0.00	3.33	0
CO1359	CO1264	4.27	3 1-	4ACSR	0	0	1030	168	20	2	2	0.01	3.33	0
OC436603047	CO1359	4.27	2 1-	20 N FUSE	0	0	1030	168	13	1	9	0.00	3.33	0
CO1360	OC436603047	4.35	2 1-	4ACSR	0	0	1003	167	13	1	1	0.00	3.34	0
CO1299	CO1265	4.17	4 1-	6ACWC	0	0	1060	168	19	2	2	0.00	3.24	0
OC1902853114	CO1299	4.17	0 1-	20 N FUSE	0	0	1060	168	0	0	0	0.00	3.24	0
CO1302	CO1356	4.07	1 1-	6ACWC	0	0	1088	169	9	1	1	0.00	3.03	0
OC742699979	CO1302	4.07	0 1-	20 N FUSE	0	0	1088	169	0	0	0	0.00	3.03	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1301	CO1356	4.02	1 1-	6ACWC	0	0	1105	169	5	0	0	0.00	3.02	0
OC-1663156331	CO1301	4.02	0 1-	20 N FUSE	0	0	1105	169	0	0	0	0.00	3.02	0
CO1357	CO1356	4.02	4 1-	6ACWC	0	0	1105	169	30	4	3	0.00	3.03	0
OC-1830118300	CO1357	4.02	0 1-	20 N FUSE	0	0	1105	169	0	0	0	0.00	3.03	0
CO1358	OC-1830118300	4.07	0 1-	6ACWC	0	0	1088	169	0	0	0	0.00	3.03	0
CO1331	CO1262	3.75	1 1-	2ACSR	0	0	1196	172	3	0	0	0.00	2.63	0
CO1338	CO1263	3.66	2 1-	4ACSR	0	0	1226	172	6	0	1	0.00	2.45	0
OC-1967277256	CO1338	3.66	2 1-	20 N FUSE	0	0	1226	172	6	0	4	0.00	2.45	0
CO1339	OC-1967277256	3.69	2 1-	4ACSR	0	0	1214	172	6	0	1	0.00	2.45	0
CO8902	CO8906	3.47	6 1-	4ACSR	0	0	1295	173	40	5	4	0.01	2.17	0
OC435539252	CO8902	3.47	4 1-	20 N FUSE	0	0	1295	173	29	4	20	0.00	2.17	0
CO8816	OC435539252	3.54	1 1-	4ACSR	0	0	1265	173	11	1	1	0.00	2.18	0
CO8815	OC435539252	3.50	2 1-	4ACSR	0	0	1281	173	5	0	1	0.00	2.17	0
CO8903	OC435539252	3.59	1 1-	4ACSR	0	0	1243	172	13	1	1	0.01	2.18	0
CO8904	CO8903	3.70	1 1-	4ACSR	0	0	1195	171	13	1	1	0.00	2.19	0
CO8942	CO8769	3.25	4 3-	2ACSR	1500	1456	1381	175	56	2	1	0.00	1.90	0
CO8943	CO8942	3.27	3 3-	2ACSR	1494	1449	1373	175	17	0	0	0.00	1.90	0
OC1181345268	CO8943	3.27	0 3-	20 N FUSE	1494	1449	1373	175	0	0	0	0.00	1.90	0
CO8827	CO8943	3.32	1 1-	2ACSR	0	0	1349	174	11	1	1	0.00	1.91	0
CO8940	CO8943	3.32	1 1-	2ACSR	0	0	1351	174	5	0	0	0.00	1.91	0
CO8941	CO8940	3.35	1 1-	2ACSR	0	0	1338	174	5	0	0	0.00	1.91	0
CO8946	CO8767	3.13	3 1-	4ACSR	0	0	1423	175	10	1	1	0.00	1.74	0
OC496102436	CO8946	3.13	1 1-	20 N FUSE	0	0	1423	175	5	0	3	0.00	1.74	0
CO8947	OC496102436	3.18	1 1-	4ACSR	0	0	1401	175	5	0	0	0.00	1.74	0
CO8756	CO1966221496	3.08	87 3-	1/0ACSR	1553	1515	1451	176	382	17	8	0.01	1.68	8
CO8757	CO8756	3.17	84 3-	1/0ACSR	1526	1485	1415	175	373	16	7	0.02	1.71	14
CO8807	CO8757	3.22	2 1-	4ACSR	0	0	1386	175	13	1	1	0.00	1.71	0
OC600669018	CO8807	3.22	0 1-	20 N FUSE	0	0	1386	175	0	0	0	0.00	1.71	0
CO8758	CO8757	3.44	82 3-	1/0ACSR	1443	1395	1310	174	360	16	7	0.08	1.78	42
CO9109	CO8758	3.45	16 1-	6ACWC	0	0	1307	174	73	9	7	0.00	1.79	0
OC231	CO9109	3.45	16 1-	10 N FUSE	0	0	1307	174	73	9	99	0.00	1.79	0
CO9110	OC231	3.55	16 1-	6ACWC	0	0	1263	173	73	9	7	0.04	1.83	5
CO8814	CO9110	3.61	1 1-	6ACWC	0	0	1234	172	4	0	0	0.00	1.83	0
CO8813	CO9110	3.60	1 1-	6ACWC	0	0	1239	172	6	0	1	0.00	1.83	0
CO8948	CO9110	3.61	3 1-	6ACWC	0	0	1237	172	27	3	3	0.01	1.84	0
CO8949	CO8948	3.66	1 1-	6ACWC	0	0	1213	171	10	1	1	0.00	1.84	0
CO8950	CO9110	3.66	11 1-	6ACWC	0	0	1215	171	36	4	4	0.02	1.85	0
CO8951	CO8950	3.69	11 1-	6ACWC	0	0	1201	171	36	4	4	0.01	1.86	0
CO8952	CO8951	3.70	9 1-	6ACWC	0	0	1196	171	36	4	3	0.00	1.86	0
CO8812	CO8952	3.75	1 1-	6ACWC	0	0	1178	170	11	1	1	0.00	1.87	0
CO8953	CO8952	3.74	8 1-	6ACWC	0	0	1180	170	25	3	2	0.01	1.87	0
CO8954	CO8953	3.75	8 1-	6ACWC	0	0	1177	170	25	3	2	0.00	1.87	0
CO8955	CO8954	3.78	5 1-	6ACWC	0	0	1166	170	22	3	2	0.00	1.87	0
CO8956	CO8955	3.81	4 1-	6ACWC	0	0	1153	170	13	1	1	0.00	1.88	0
CO8957	CO8956	3.94	2 1-	6ACWC	0	0	1104	168	6	0	1	0.00	1.88	0
CO8959	CO8957	4.02	1 1-	2ACSR	0	0	1077	168	6	0	0	0.00	1.88	0
CO8960	CO8959	4.11	1 1-	2ACSR	0	0	1052	167	6	0	0	0.00	1.88	0
CO8958	CO8957	4.04	1 1-	6ACWC	0	0	1068	167	0	0	0	0.00	1.88	0
CO8912	CO8758	3.53	66 3-	1/0ACSR	1419	1369	1280	173	287	12	6	0.02	1.80	8
CO8913	CO8912	3.57	65 3-	1/0ACSR	1408	1357	1267	173	281	12	6	0.01	1.81	4
OC1535688841	CO8913	3.57	49 3-	50 L OCR	1408	1357	1267	173	229	10	0	0.00	1.81	0
CO8914	OC1535688841	3.58	49 3-	1/0ACSR	1404	1353	1262	173	229	10	5	0.00	1.81	0

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1052887918	CO8914	3.58	49 3-	20 N FUSE	1404	1353	1262	173	229	10	52	0.00	1.81	0
	CO8915	3.64	49 3-	1/0ACSR	1388	1336	1243	173	229	10	5	0.01	1.82	3
	CO8916	3.73	48 3-	1/0ACSR	1363	1308	1213	172	221	10	4	0.02	1.84	5
	CO8759	3.82	46 3-	1/0ACSR	1340	1284	1187	172	217	9	4	0.01	1.85	5
	CO8760	4.00	16 3-	1/0ACSR	1295	1236	1135	171	85	3	2	0.01	1.87	0
	CO8801	4.12	1 1-	4ACSR	0	0	1090	170	4	0	0	0.00	1.87	0
OC-325397248	CO8801	4.12	0 1-	20 N FUSE	0	0	1090	170	0	0	0	0.00	1.87	0
	CO8761	4.10	15 3-	1/0ACSR	1270	1209	1106	170	81	3	2	0.01	1.87	0
	CO8965	4.16	2 1-	4ACSR	0	0	1086	170	9	1	1	0.00	1.87	0
OC777557909	CO8965	4.16	1 1-	20 N FUSE	0	0	1086	170	9	1	6	0.00	1.87	0
	CO8966	4.24	1 1-	4ACSR	0	0	1057	169	9	1	1	0.00	1.88	0
	CO8762	4.17	13 3-	1/0ACSR	1254	1193	1089	170	72	3	1	0.00	1.88	0
	CO8763	4.24	11 3-	1/0ACSR	1237	1175	1070	170	67	3	1	0.00	1.88	0
	CO17106	4.34	0 1-	4ACSR	0	0	1038	169	0	0	0	0.00	1.88	0
OC852877270	CO17106	4.34	0 1-	20 N FUSE	0	0	1038	169	0	0	0	0.00	1.88	0
	CO16979	4.43	11 3-	1/0ACSR	1195	1131	1024	169	67	3	1	0.01	1.89	0
	CO8421	4.55	10 3-	1/0ACSR	1171	1106	999	168	54	2	1	0.00	1.89	0
	CO8550	4.57	5 3-	1/0ACSR	1167	1101	994	168	35	1	1	0.00	1.89	0
	CO8551	4.61	1 3-	1/0ACSR	1158	1092	985	168	11	0	0	0.00	1.89	0
	CO8657	4.67	0 3-	1/0ACSR	1146	1080	972	167	0	0	0	0.00	1.89	0
	CO8464	4.62	2 1-	4ACSR	0	0	978	167	9	1	1	0.00	1.89	0
	CO8463	4.53	1 1-	4ACSR	0	0	995	168	12	1	1	0.00	1.89	0
	CO8968	4.22	2 1-	4ACSR	0	0	1070	169	5	0	1	0.00	1.88	0
	CO8969	4.29	1 1-	4ACSR	0	0	1048	169	4	0	0	0.00	1.88	0
OC1828565134	CO8969	4.29	1 1-	20 N FUSE	0	0	1048	169	4	0	3	0.00	1.88	0
	CO8967	4.35	1 1-	4ACSR	0	0	1029	168	4	0	0	0.00	1.88	0
	CO8800	4.20	0 1-	4ACSR	0	0	1073	169	0	0	0	0.00	1.87	0
OC-1494970472	CO8800	4.20	0 1-	20 N FUSE	0	0	1073	169	0	0	0	0.00	1.87	0
	CO9107	3.82	30 1-	4ACSR	0	0	1184	172	131	17	13	0.01	1.86	0
	OC230	3.82	30 1-	50 E OCR	0	0	1184	172	131	17	36	0.00	1.86	0
	CO9108	4.01	30 1-	4ACSR	0	0	1114	170	131	17	13	0.15	2.00	31
	CO8764	4.21	29 1-	4ACSR	0	0	1044	168	129	17	13	0.15	2.16	32
	CO8963	4.27	4 1-	4ACSR	0	0	1022	167	23	3	2	0.01	2.17	0
	CO8964	4.47	3 1-	4ACSR	0	0	959	165	22	2	2	0.02	2.19	0
	CO8962	4.50	1 1-	4ACSR	0	0	952	165	9	1	1	0.00	2.19	0
	CO8961	4.57	1 1-	4ACSR	0	0	930	164	9	1	1	0.00	2.19	0
	CO8765	4.24	24 1-	4ACSR	0	0	1033	167	104	14	10	0.02	2.18	4
	CO9088	4.31	4 1-	4ACSR	0	0	1010	167	5	0	0	0.00	2.18	0
	CO9089	4.33	1 1-	4ACSR	0	0	1002	166	3	0	0	0.00	2.18	0
	CO8919	4.29	20 1-	4ACSR	0	0	1017	167	99	13	10	0.03	2.21	4
	CO8920	4.33	18 1-	4ACSR	0	0	1002	166	92	12	9	0.03	2.23	4
	CO8808	4.39	2 1-	4ACSR	0	0	984	166	8	1	1	0.00	2.24	0
	CO8766	4.39	10 1-	4ACSR	0	0	984	166	43	5	4	0.01	2.25	0
	CO8921	4.42	2 1-	4ACSR	0	0	973	165	9	1	1	0.00	2.25	0
	CO8922	4.54	1 1-	4ACSR	0	0	938	164	4	0	0	0.00	2.25	0
	CO8923	4.58	8 1-	4ACSR	0	0	928	164	33	4	3	0.04	2.28	0
	CO8924	4.61	6 1-	4ACSR	0	0	919	164	30	4	3	0.01	2.29	0
	CO8925	4.63	5 1-	4ACSR	0	0	912	163	30	4	3	0.00	2.29	0
	CO8926	4.72	4 1-	4ACSR	0	0	888	162	30	4	3	0.01	2.31	0
	CO8927	4.75	3 1-	4ACSR	0	0	881	162	26	3	3	0.00	2.31	0
CO-303829797	CO8927	4.83	1 1-	2ACSR	0	0	863	162	16	2	1	0.01	2.32	0
CO-1559104843	CO-303829797	4.91	1 1-	2ACSR	0	0	848	161	16	2	1	0.00	2.32	0

Substation Power Factor: 0.97
Run Date:

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8928	CO8927	4.83	2 1-	4ACSR	0	0	861	161	10	1	1	0.00	2.32	0
CO9074	CO8920	4.39	6 1-	4ACSR	0	0	985	166	41	5	4	0.01	2.25	0
CO8809	CO9074	4.42	2 1-	4ACSR	0	0	975	165	13	1	1	0.00	2.25	0
CO9075	CO9074	4.40	4 1-	4ACSR	0	0	982	166	28	3	3	0.00	2.25	0
CO9076	CO9075	4.41	1 1-	4ACSR	0	0	978	166	12	1	1	0.00	2.25	0
CO8810	CO9108	4.06	1 1-	4ACSR	0	0	1094	169	2	0	0	0.00	2.01	0
CO8822	CO8810	4.12	1 1-	2ACSR	0	0	1076	169	2	0	0	0.00	2.01	0
CO8917	CO8916	3.83	2 1-	4ACSR	0	0	1175	171	5	0	0	0.00	1.84	0
OC963915195	CO8917	3.83	1 1-	20 N FUSE	0	0	1175	171	3	0	2	0.00	1.84	0
CO8918	OC963915195	3.87	1 1-	4ACSR	0	0	1156	171	3	0	0	0.00	1.84	0
CO9125	CO8913	3.70	16 1-	2ACSR	0	0	1218	172	52	7	4	0.03	1.84	0
CO8938	CO9125	3.72	11 1-	2ACSR	0	0	1209	172	33	4	2	0.00	1.84	0
CO8939	CO8938	3.77	11 1-	2ACSR	0	0	1191	172	33	4	2	0.01	1.85	0
CO8934	CO8939	3.79	5 1-	6ACWC	0	0	1185	171	20	2	2	0.00	1.85	0
CO8935	CO8934	3.86	5 1-	6ACWC	0	0	1159	171	20	2	2	0.01	1.86	0
CO8936	CO8935	3.90	2 1-	6ACWC	0	0	1143	170	11	1	1	0.00	1.86	0
CO8937	CO8936	3.93	1 1-	6ACWC	0	0	1130	170	9	1	1	0.00	1.86	0
CO8933	CO8939	3.83	6 1-	2ACSR	0	0	1171	171	13	1	1	0.00	1.85	0
CO9126	CO8933	3.93	6 1-	2ACSR	0	0	1139	170	13	1	1	0.01	1.86	0
CO8932	CO9126	3.96	6 1-	2ACSR	0	0	1130	170	13	1	1	0.00	1.86	0
CO16981	CO8932	4.01	0 1-	6ACWC	0	0	1109	170	0	0	0	0.00	1.86	0
CO-549169272	CO8932	4.02	3 1-	2ACSR	0	0	1111	170	5	0	0	0.00	1.86	0
CO-925777018	CO-549169272	4.06	1 1-	2ACSR	0	0	1099	169	0	0	0	0.00	1.86	0
CO-2081089874	CO-549169272	4.08	2 1-	2ACSR	0	0	1092	169	5	0	0	0.00	1.86	0
CO8552	CO-2081089874	4.15	2 1-	4ACSR	0	0	1067	169	5	0	0	0.00	1.86	0
CO8469	CO8552	4.20	0 1-	4ACSR	0	0	1051	168	0	0	0	0.00	1.86	0
CO8465	CO8552	4.25	1 1-	2ACSR	0	0	1040	168	5	0	0	0.00	1.86	0
CO8554	CO8552	4.41	1 1-	4ACSR	0	0	981	166	0	0	0	0.00	1.86	0
CO8553	CO8554	4.72	0 1-	4ACSR	0	0	893	163	0	0	0	0.00	1.86	0
CO8555	CO8553	5.01	0 1-	4ACSR	0	0	821	160	0	0	0	0.00	1.86	0
CO8929	CO8932	3.98	2 1-	2ACSR	0	0	1124	170	8	1	1	0.00	1.86	0
CO8930	CO8929	4.02	2 1-	2ACSR	0	0	1111	170	8	1	1	0.00	1.86	0
CO8931	CO8930	4.05	2 1-	2ACSR	0	0	1101	169	8	1	1	0.00	1.86	0
CO8811	CO9125	3.75	2 1-	6ACWC	0	0	1195	171	9	1	1	0.00	1.84	0
CO8826	CO8756	3.11	0 1-	2ACSR	0	0	1436	175	0	0	0	0.00	1.68	0
CO8806	CO8756	3.14	3 1-	4ACSR	0	0	1421	175	9	1	1	0.00	1.69	0
OC2053570133	CO8806	3.14	0 1-	20 N FUSE	0	0	1421	175	0	0	0	0.00	1.69	0
CO8805	CO8754	2.96	0 3-	4ACSR	1594	1560	1506	176	0	0	0	0.00	1.41	0
CO8877	CO8754	2.96	2 1-	4ACSR	0	0	1506	176	10	1	1	0.00	1.41	0
OC467778824	CO8877	2.96	0 1-	20 N FUSE	0	0	1506	176	0	0	0	0.00	1.41	0
CO8878	OC467778824	2.99	0 1-	4ACSR	0	0	1491	176	0	0	0	0.00	1.41	0
CO8876	CO8874	3.02	3 1-	4ACSR	0	0	1471	176	27	3	3	0.01	1.41	0
OC-1141236750	CO8876	3.02	1 1-	20 N FUSE	0	0	1471	176	9	1	6	0.00	1.41	0
CO578226920	OC-1141236750	3.05	1 1-	2ACSR	0	0	1453	175	9	1	1	0.00	1.41	0
CO70263179	CO578226920	3.10	0 1-	2ACSR	0	0	1431	175	0	0	0	0.00	1.41	0
CO1041925429	CO578226920	3.10	1 1-	2ACSR	0	0	1431	175	9	1	1	0.00	1.41	0
CO8804	CO8870	2.81	1 1-	4ACSR	0	0	1552	176	12	1	1	0.00	1.30	0
OC-715633693	CO8804	2.81	0 1-	20 N FUSE	0	0	1552	176	0	0	0	0.00	1.30	0
CO8803+	CO8869	2.58	1 1-	4ACSR	0	0	1744	340	8	0	0	0.00	0.45	0
OC737288842+	CO8803	2.58	0 1-	20 N FUSE	0	0	1744	340	0	0	0	0.00	0.45	0
CO8798+	CO8863	2.00	1 1-	4ACSR	0	0	1893	343	2	0	0	0.00	0.35	0
OC772437314+	CO8798	2.00	0 1-	20 N FUSE	0	0	1893	343	0	0	0	0.00	0.35	0

Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9113+	CO9087	1.14	29 1-	2ACSR	0	0	2166	348	161	10	6	0.00	0.22	0
OC233+	CO9113	1.14	29 1-	70 E OCR	0	0	2166	348	161	10	15	0.00	0.22	0
CO9114+	OC233	1.15	29 1-	2ACSR	0	0	2158	348	161	10	6	0.00	0.22	0
CO8855+	CO9114	1.21	29 1-	2ACSR	0	0	2128	347	161	10	6	0.01	0.23	2
CO9118+	CO8855	1.34	27 1-	2ACSR	0	0	2063	345	156	10	6	0.02	0.25	5
CO8820+	CO9118	1.44	2 1-	4ACSR	0	0	2012	343	15	0	1	0.00	0.25	0
CO9079+	CO9118	1.43	25 1-	2ACSR	0	0	2022	343	141	9	5	0.01	0.26	3
CO9078+	CO9079	1.49	24 1-	2ACSR	0	0	1994	342	133	8	5	0.01	0.27	0
CO8824+	CO9078	1.55	2 1-	4ACSR	0	0	1959	341	17	1	1	0.00	0.27	0
CO9077+	CO9078	1.63	22 1-	2ACSR	0	0	1930	340	115	7	4	0.02	0.29	3
CO9521+	CO9077	1.69	22 1-	2ACSR	0	0	1903	339	115	7	4	0.01	0.29	0
CO9522+	CO9521	1.97	22 1-	2ACSR	0	0	1786	335	115	7	4	0.03	0.33	6
CO9589+	CO9522	1.99	1 1-	2ACSR	0	0	1778	335	3	0	0	0.00	0.33	0
CO9588+	CO9589	2.08	1 1-	2ACSR	0	0	1745	334	3	0	0	0.00	0.33	0
CO17111+	CO9522	2.11	21 1-	2ACSR	0	0	1734	333	112	7	4	0.02	0.34	3
CO8970+	CO17111	2.14	21 1-	2ACSR	0	0	1721	333	112	7	4	0.00	0.35	0
CO8972+	CO8970	2.20	20 1-	2ACSR	0	0	1700	332	104	6	4	0.01	0.35	0
CO8971+	CO8972	2.23	19 1-	2ACSR	0	0	1690	332	97	6	4	0.00	0.36	0
CO8974+	CO8971	2.31	18 1-	2ACSR	0	0	1662	331	87	5	3	0.01	0.36	0
CO62254133+	CO8974	2.33	3 1-	2ACSR	0	0	1654	330	24	1	1	0.00	0.36	0
CO869984818+	CO62254133	2.37	2 1-	2ACSR	0	0	1641	330	15	1	1	0.00	0.36	0
CO174307205+	CO869984818	2.56	2 1-	2ACSR	0	0	1577	327	15	1	1	0.00	0.37	0
CO-771909715+	CO62254133	2.39	1 1-	2ACSR	0	0	1632	329	9	0	0	0.00	0.36	0
CO8973+	CO8974	2.47	15 1-	2ACSR	0	0	1607	328	63	4	2	0.01	0.37	0
CO8975+	CO8973	2.63	13 1-	2ACSR	0	0	1553	326	55	3	2	0.01	0.38	0
CO8977+	CO8975	2.71	11 1-	2ACSR	0	0	1529	325	48	3	2	0.00	0.39	0
CO8976+	CO8977	2.80	11 1-	2ACSR	0	0	1503	324	48	3	2	0.00	0.39	0
CO17008+	CO8976	2.88	1 1-	6ACWC	0	0	1474	322	5	0	0	0.00	0.39	0
CO8979+	CO8976	2.89	8 1-	2ACSR	0	0	1474	322	30	2	1	0.00	0.39	0
CO8978+	CO8979	2.94	7 1-	2ACSR	0	0	1461	322	30	2	1	0.00	0.39	0
CO16988+	CO8978	3.05	0 1-	6ACWC	0	0	1426	320	0	0	0	0.00	0.39	0
CO8981+	CO8978	2.96	4 1-	2ACSR	0	0	1457	321	19	1	1	0.00	0.39	0
CO8980+	CO8981	2.97	4 1-	2ACSR	0	0	1453	321	19	1	1	0.00	0.39	0
CO17290+	CO8980	3.08	2 1-	2ACSR	0	0	1424	320	8	0	0	0.00	0.39	0
CO17289+	CO17290	3.08	0 1-	2ACSR	0	0	1422	320	0	0	0	0.00	0.39	0
CO8821+	CO8980	3.00	1 1-	4ACSR	0	0	1441	321	9	0	0	0.00	0.39	0
CO8830+	CO9079	1.45	1 1-	2ACSR	0	0	2012	343	8	0	0	0.00	0.26	0
CO8828+	CO8855	1.27	2 1-	4ACSR	0	0	2094	345	5	0	0	0.00	0.23	0
CO8794+	CO8751	1.10	3 1-	4ACSR	0	0	2165	347	10	0	0	0.00	0.20	0
OC-1338891559+	CO8794	1.10	0 1-	20 N FUSE	0	0	2165	347	0	0	0	0.00	0.20	0
CO8793+	CO8854	0.99	1 1-	4ACSR	0	0	2211	348	5	0	0	0.00	0.19	0
OC556730417+	CO8793	0.99	0 1-	20 N FUSE	0	0	2211	348	0	0	0	0.00	0.19	0
CO9056+	CO9117	0.18	2 1-	4ACSR	0	0	2540	351	3	0	0	0.00	0.03	0
OC-768641659+	CO9056	0.18	0 1-	20 N FUSE	0	0	2540	351	0	0	0	0.00	0.03	0
CO9057+	OC-768641659	0.24	0 1-	4ACSR	0	0	2492	350	0	0	0	0.00	0.03	0
CO8784+	CO9123	0.07	0 1-	4ACSR	0	0	2588	352	0	0	0	0.00	0.00	0
CO9122+	CO9120	0.01	959 3-	750 MCM - 42 Wi	2421	2623	2635	353	4353	97	8	0.00	0.00	3
Sharpsburg+	CO9122	0.01	952 3-	560 200WVE	2421	2623	2635	353	4333	97	17	0.00	0.00	0
CO8834+	Sharpsburg	0.04	952 3-	336ACSR	2414	2610	2622	353	4333	97	19	0.01	0.01	44
CO8835+	CO8834	0.07	952 3-	336ACSR	2405	2594	2606	353	4333	97	19	0.01	0.02	54
CO8841+	CO8835	0.17	4 1-	4ACSR	0	0	2533	351	17	1	1	0.00	0.03	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8842+	CO8841	0.23	4 1-	4ACSR	0	0	2482	349	17	1	1	0.00	0.03	0
CO8846+	CO8842	0.39	4 1-	4ACSR	0	0	2362	346	17	1	1	0.00	0.03	0
CO8847+	CO8846	0.54	3 1-	4ACSR	0	0	2253	342	12	0	1	0.00	0.03	0
CO8843+	CO8847	0.59	2 1-	4ACSR	0	0	2215	341	5	0	0	0.00	0.03	0
CO8844+	CO8843	0.61	1 1-	4ACSR	0	0	2202	341	0	0	0	0.00	0.03	0
CO8845+	CO8844	0.68	1 1-	4ACSR	0	0	2153	339	0	0	0	0.00	0.03	0
CO8737+	CO8835	0.17	948 3-	336ACSR	2377	2546	2557	352	4316	97	19	0.03	0.06	171
CO2117454092+	CO8737	0.19	0 1-	2ACSR	0	0	2545	352	0	0	0	0.00	0.06	0
OC722619903+	CO2117454092	0.19	0 1-	20 N FUSE	0	0	2545	352	0	0	0	0.00	0.06	0
CO9060+	CO8737	0.27	945 3-	336ACSR	2352	2503	2513	352	4301	96	19	0.03	0.09	158
CO9062+	CO9060	0.32	944 3-	336ACSR	2339	2481	2489	352	4293	96	19	0.02	0.10	86
CO9063+	CO9062	0.35	942 3-	336ACSR	2331	2467	2475	351	4285	96	19	0.01	0.11	52
CO9066+	CO9063	0.40	942 3-	336ACSR	2318	2446	2453	351	4284	96	19	0.02	0.13	85
CO9068+	CO9066	0.45	942 3-	336ACSR	2306	2426	2432	351	4284	96	19	0.02	0.14	78
CO9069+	CO9068	0.57	942 3-	336ACSR	2276	2379	2382	350	4284	96	19	0.04	0.18	196
CO8739+	CO9069	0.71	7 1-	4ACSR	0	0	2287	347	25	1	1	0.01	0.19	0
OC2023015202+	CO8739	0.71	7 1-	20 N FUSE	0	0	2287	347	25	1	8	0.00	0.19	0
CO9003+	OC2023015202	0.77	1 1-	4ACSR	0	0	2250	346	6	0	0	0.00	0.19	0
CO9004+	CO9003	0.85	0 1-	4ACSR	0	0	2196	344	0	0	0	0.00	0.19	0
CO9001+	OC2023015202	0.79	4 1-	4ACSR	0	0	2232	345	15	0	1	0.00	0.19	0
OC-2094851269+	CO9001	0.79	2 1-	20 N FUSE	0	0	2232	345	6	0	2	0.00	0.19	0
CO9002+	OC-2094851269	0.86	2 1-	4ACSR	0	0	2186	344	6	0	0	0.00	0.19	0
CO8999+	OC2023015202	0.78	2 1-	4ACSR	0	0	2241	346	4	0	0	0.00	0.19	0
CO9000+	CO8999	0.83	1 1-	4ACSR	0	0	2210	345	2	0	0	0.00	0.19	0
CO9005+	CO9069	0.77	935 3-	336ACSR	2227	2304	2300	350	4258	95	18	0.07	0.25	335
CO9006+	CO9005	0.96	935 3-	336ACSR	2183	2239	2230	349	4256	95	18	0.06	0.31	309
CO8777+	CO9006	1.01	1 1-	336 MCM ACSR 30	0	0	2211	349	7	0	0	0.00	0.31	0
OC1915880847+	CO8777	1.01	0 1-	20 N FUSE	0	0	2211	349	0	0	0	0.00	0.31	0
CO9007+	CO9006	1.03	933 3-	336ACSR	2168	2217	2206	348	4247	95	18	0.02	0.33	110
CO9008+	CO9007	1.09	933 3-	336ACSR	2154	2198	2184	348	4247	95	18	0.02	0.35	99
CO-1130140936+	CO9008	1.13	1 1-	2ACSR	0	0	2161	347	15	1	1	0.00	0.35	0
CO9009+	CO9008	1.15	931 3-	336ACSR	2140	2178	2162	348	4215	95	18	0.02	0.37	105
CO9010+	CO9009	1.22	930 3-	336ACSR	2126	2158	2139	348	4211	94	18	0.02	0.39	106
CO8738+	CO9010	1.48	927 3-	336ACSR	2071	2083	2055	346	4200	94	18	0.08	0.47	417
CO9095+	CO8738	1.49	13 1-	6ACWC	0	0	2051	346	27	1	1	0.00	0.47	0
OC224+	CO9095	1.49	13 1-	50 E OCR	0	0	2051	346	27	1	4	0.00	0.47	0
CO9096+	OC224	1.58	13 1-	6ACWC	0	0	2001	344	27	1	1	0.00	0.48	0
CO9018+	CO9096	1.66	12 1-	6ACWC	0	0	1965	343	24	1	1	0.00	0.48	0
CO9019+	CO9018	1.81	12 1-	6ACWC	0	0	1890	339	24	1	1	0.01	0.48	0
CO9020+	CO9019	1.89	11 1-	6ACWC	0	0	1848	338	22	1	1	0.00	0.49	0
CO9021+	CO9020	2.01	10 1-	6ACWC	0	0	1794	335	21	1	1	0.00	0.49	0
CO9022+	CO9021	2.05	8 1-	6ACWC	0	0	1772	334	20	1	1	0.00	0.49	0
CO9023+	CO9022	2.11	8 1-	6ACWC	0	0	1747	333	20	1	1	0.00	0.49	0
CO8746+	CO9023	2.30	5 1-	6ACWC	0	0	1664	329	20	1	1	0.01	0.50	0
CO9028+	CO8746	2.35	3 1-	6ACWC	0	0	1641	328	9	0	0	0.00	0.50	0
CO9029+	CO9028	2.44	2 1-	6ACWC	0	0	1607	326	9	0	0	0.00	0.50	0
CO9030+	CO9029	2.72	1 1-	6ACWC	0	0	1498	321	8	0	0	0.00	0.50	0
CO9026+	CO8746	2.32	2 1-	6ACWC	0	0	1657	329	11	0	1	0.00	0.50	0
CO9027+	CO9026	2.34	1 1-	6ACWC	0	0	1647	328	3	0	0	0.00	0.50	0
CO9024+	CO9023	2.20	3 1-	6ACWC	0	0	1708	331	0	0	0	0.00	0.49	0
CO9025+	CO9024	2.24	2 1-	6ACWC	0	0	1688	330	0	0	0	0.00	0.49	0
CO9011+	CO8738	1.59	2 1-	336 MCM ACSR 30	0	0	2023	346	4	0	0	0.00	0.47	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC120937976+	CO9011	1.59	2 1-	20 N FUSE	0	0	2023	346	4	0	1	0.00	0.47	0
CO9012+	OC120937976	1.67	1 1-	336 MCM ACSR 30	0	0	2000	346	0	0	0	0.00	0.47	0
CO8778+	OC120937976	1.65	1 1-	336 MCM ACSR 30	0	0	2006	346	3	0	0	0.00	0.47	0
CO9013+	CO8738	1.65	911 3-	336ACSR	2036	2037	2002	346	4164	93	18	0.05	0.53	272
CO9014+	CO9013	1.98	911 3-	336ACSR	1973	1957	1911	344	4163	93	18	0.10	0.63	509
CO8831+	CO9014	2.06	6 1-	336 MCM ACSR 30	0	0	1889	344	23	1	0	0.00	0.63	0
OC1070771909+	CO8831	2.06	4 1-	20 N FUSE	0	0	1889	344	23	1	8	0.00	0.63	0
CO8832+	OC1070771909	2.12	4 1-	336 MCM ACSR 30	0	0	1874	344	23	1	0	0.00	0.63	0
CO8833+	CO8832	2.15	1 1-	336 MCM ACSR 30	0	0	1868	343	12	0	0	0.00	0.63	0
CO9015+	CO9014	2.05	903 3-	336ACSR	1959	1939	1891	344	4125	93	18	0.02	0.65	117
CO9016+	CO9015	2.13	902 3-	336ACSR	1945	1922	1871	343	4101	92	18	0.02	0.67	116
CO730725189+	CO9016	2.17	902 3-	2ACSR	1934	1907	1855	343	4101	92	51	0.05	0.72	324
CO-1590714796+	CO730725189	2.23	901 3-	2ACSR	1916	1886	1830	342	4083	92	51	0.07	0.80	486
CO8779+	CO-1590714796	2.27	1 1-	336 MCM ACSR 30	0	0	1822	342	2	0	0	0.00	0.80	0
OC1161332238+	CO8779	2.27	0 1-	20 N FUSE	0	0	1822	342	0	0	0	0.00	0.80	0
CO16986+	CO-1590714796	2.29	900 3-	336ACSR	1906	1873	1816	342	4079	92	18	0.02	0.82	86
CO9275+	CO16986	2.32	898 3-	336ACSR	1901	1868	1809	342	4072	92	18	0.01	0.82	43
CO9184+	CO9275	2.37	2 1-	2ACSR	0	0	1790	341	5	0	0	0.00	0.82	0
OC-450247408+	CO9184	2.37	0 1-	20 N FUSE	0	0	1790	341	0	0	0	0.00	0.82	0
CO9274+	CO9275	2.35	896 3-	336ACSR	1895	1860	1801	341	4066	91	18	0.01	0.83	52
CO9273+	CO9274	2.37	895 3-	336ACSR	1892	1856	1796	341	4061	91	18	0.01	0.84	29
CO9272+	CO9273	2.43	891 3-	336ACSR	1882	1845	1784	341	4052	91	18	0.02	0.86	80
CO9151+	CO9272	2.50	847 3-	336ACSR	1870	1831	1767	341	3885	87	17	0.02	0.88	97
CO9181+	CO9151	2.53	4 1-	4ACSR	0	0	1754	340	10	0	0	0.00	0.88	0
OC-1431587565+	CO9181	2.53	0 1-	20 N FUSE	0	0	1754	340	0	0	0	0.00	0.88	0
CO9150+	CO9151	2.73	843 3-	336ACSR	1832	1785	1715	340	3875	87	17	0.07	0.95	320
CO9147+	CO9150	2.75	829 3-	336ACSR	1828	1782	1711	340	3834	86	17	0.01	0.95	25
CO9148+	CO9147	2.85	824 3-	336ACSR	1812	1763	1688	339	3826	86	17	0.03	0.98	139
CO9320+	CO9148	2.90	0 3-	2ACSR	1799	1748	1672	338	0	0	0	0.00	0.98	0
CO9321+	CO9320	2.91	0 3-	2ACSR	1797	1746	1669	338	0	0	0	0.00	0.98	0
SW247-A+	CO9321	2.91	0 3-	Open	1797	1746	1669	338	0	0	0	0.00	0.98	0
CO9149+	CO9148	3.01	824 3-	336ACSR	1787	1734	1655	338	3825	86	17	0.05	1.03	214
CO9264+	CO9149	3.04	824 3-	336ACSR	1783	1730	1650	338	3824	86	17	0.01	1.03	32
CO9265+	CO9264	3.31	824 3-	336ACSR	1742	1684	1597	337	3824	86	17	0.08	1.11	362
FD2048455405+	CO9265	3.31	823 3-	_DefaultBayEqui	1742	1684	1597	337	3821	86	0	0.00	1.11	0
CO9263+	FD2048455405	3.49	823 3-	336ACSR	1716	1655	1564	336	3821	86	17	0.05	1.16	239
OC2048455405+	CO9263	3.49	816 3-	20 N FUSE	1716	1655	1564	336	3765	85	427	0.00	1.16	0
CO9142+	OC2048455405	3.61	816 3-	336ACSR	1699	1635	1542	336	3765	85	16	0.03	1.20	160
CO9143+	CO9142	3.68	814 3-	336ACSR	1690	1625	1531	335	3760	85	16	0.02	1.21	84
CO9255+	CO9143	3.69	807 3-	336ACSR	1688	1624	1528	335	3742	84	16	0.00	1.22	16
CO9256+	CO9255	3.70	807 3-	336ACSR	1687	1622	1526	335	3742	84	16	0.00	1.22	14
CO9185+	CO9256	3.80	1 1-	2ACSR	0	0	1500	334	11	0	0	0.00	1.22	0
OC-1158191892+	CO9185	3.80	0 1-	20 N FUSE	0	0	1500	334	0	0	0	0.00	1.22	0
CO9254+	CO9256	3.77	806 3-	336ACSR	1677	1611	1514	335	3731	84	16	0.02	1.24	92
CO9253+	CO9254	3.84	805 3-	336ACSR	1668	1601	1502	335	3728	84	16	0.02	1.26	86
CO9252+	CO9253	3.94	803 3-	336ACSR	1655	1587	1486	334	3721	84	16	0.03	1.29	122
CO9251+	CO9252	4.08	800 3-	336ACSR	1636	1567	1463	334	3706	84	16	0.04	1.33	179
CO-2004579120+	CO9251	4.17	1 1-	2ACSR	0	0	1441	332	10	0	0	0.00	1.33	0
OC1570515726+	CO-2004579120	4.17	0 1-	20 N FUSE	0	0	1441	332	0	0	0	0.00	1.33	0
CO9247+	CO9251	4.10	796 3-	336ACSR	1633	1564	1460	333	3688	83	16	0.01	1.33	27
CO9248+	CO9247	4.14	795 3-	336ACSR	1628	1558	1453	333	3679	83	16	0.01	1.34	51
CO9290+	CO9248	4.22	793 3-	336ACSR	1618	1547	1442	333	3674	83	16	0.02	1.36	94

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9291+	CO9290	4.24	792 3-	336ACSR	1615	1544	1437	333	3673	83	16	0.01	1.37	33
CO9245+	CO9291	4.31	1 1-	336 MCM ACSR 30	0	0	1428	332	8	0	0	0.00	1.37	0
OC-2079001619+	CO9245	4.31	1 1-	20 N FUSE	0	0	1428	332	8	0	3	0.00	1.37	0
CO9246+	OC-2079001619	4.35	1 1-	336 MCM ACSR 30	0	0	1421	332	8	0	0	0.00	1.37	0
CO9244+	CO9246	4.39	1 1-	336 MCM ACSR 30	0	0	1417	332	8	0	0	0.00	1.37	0
CO9243+	CO9291	4.33	791 3-	336ACSR	1604	1533	1425	332	3665	83	16	0.02	1.39	102
CO16998+	CO9243	4.49	790 3-	336ACSR	1584	1511	1400	332	3659	83	16	0.05	1.44	204
CO9791+	CO16998	4.54	503 3-	1/0ACSR	1575	1502	1390	331	2363	53	23	0.02	1.46	80
CO9792+	CO9791	4.59	501 3-	1/0ACSR	1567	1493	1381	331	2359	53	23	0.02	1.48	76
CO9795+	CO9792	4.70	495 3-	1/0ACSR	1548	1473	1359	330	2337	53	23	0.05	1.53	179
CO2103781703+	CO9795	4.75	1 1-	2ACSR	0	0	1348	329	4	0	0	0.00	1.53	0
OC-1710072388+	CO2103781703	4.75	0 1-	20 N FUSE	0	0	1348	329	0	0	0	0.00	1.53	0
CO9796+	CO9795	4.84	493 3-	1/0ACSR	1524	1448	1331	328	2326	52	23	0.06	1.60	229
CO9711+	CO9796	4.92	485 3-	1/0ACSR	1510	1435	1316	327	2282	51	23	0.04	1.63	124
CO9804+	CO9711	4.93	483 3-	1/0ACSR	1508	1433	1314	327	2271	51	22	0.00	1.64	17
CO9805+	CO9804	4.97	481 3-	1/0ACSR	1502	1427	1308	327	2265	51	22	0.02	1.66	55
CO9712+	CO9805	5.07	476 3-	1/0ACSR	1487	1411	1290	326	2244	51	22	0.04	1.70	145
CO9713+	CO9712	5.13	469 3-	1/0ACSR	1476	1400	1278	325	2213	50	22	0.03	1.73	94
CO9811+	CO9713	5.19	469 3-	1/0ACSR	1467	1391	1268	325	2212	50	22	0.03	1.75	87
CO9755+	CO9811	5.27	2 1-	1/0ACSR	0	0	1255	324	4	0	0	0.00	1.75	0
OC1973558771+	CO9755	5.27	0 1-	20 N FUSE	0	0	1255	324	0	0	0	0.00	1.75	0
CO9812+	CO9811	5.25	464 3-	1/0ACSR	1458	1382	1258	324	2192	49	22	0.03	1.78	83
CO9813+	CO9812	5.28	464 3-	1/0ACSR	1452	1376	1252	324	2192	49	22	0.02	1.79	51
CO9714+	CO9813	5.34	461 3-	1/0ACSR	1443	1367	1242	323	2188	49	22	0.03	1.82	85
CO9752+	CO9714	5.39	1 1-	4ACSR	0	0	1231	322	2	0	0	0.00	1.82	0
OC1940374800+	CO9752	5.39	0 1-	20 N FUSE	0	0	1231	322	0	0	0	0.00	1.82	0
CO9816+	CO9714	5.51	460 3-	1/0ACSR	1418	1342	1215	321	2185	49	22	0.07	1.89	227
CO9815+	CO9816	5.56	457 3-	1/0ACSR	1411	1335	1207	321	2158	49	21	0.02	1.91	68
CO9935+	CO9815	5.60	0 3-	1/0ACSR	1404	1328	1200	320	0	0	0	0.00	1.91	0
#SW268-B+	CO9935	5.60	0 3-	Open	1404	1328	1200	320	0	0	0	0.00	1.91	0
CO9863+	CO9815	5.74	454 3-	4/0ACSR	1389	1313	1183	320	2138	48	14	0.04	1.95	127
CO9864+	CO9863	5.78	453 3-	4/0ACSR	1384	1308	1178	320	2128	48	14	0.01	1.96	27
CO9862+	CO9864	5.89	450 3-	4/0ACSR	1372	1296	1166	319	2119	48	14	0.02	1.98	69
CO9932+	CO9862	5.89	448 3-	750 MCM - 42 wi	1372	1296	1165	319	2100	47	4	0.00	1.99	0
OC267+	CO9932	5.89	420 3-	100 E OCR	1372	1296	1165	319	1972	44	45	0.00	1.99	0
CO9892+	OC267	5.97	420 3-	4/0ACSR	1363	1287	1155	318	1972	44	13	0.02	2.00	46
CO9893+	CO9892	6.06	420 3-	4/0ACSR	1353	1277	1145	318	1971	44	13	0.02	2.02	50
CO9894+	CO9893	6.20	420 3-	4/0ACSR	1337	1262	1129	317	1971	44	13	0.03	2.05	83
CO9895+	CO9894	6.33	420 3-	4/0ACSR	1323	1248	1114	316	1971	44	13	0.03	2.08	77
CO-1633819878+	CO9895	6.39	1 1-	2ACSR	0	0	1105	315	9	0	0	0.00	2.08	0
CO9896+	CO9895	6.41	418 3-	4/0ACSR	1315	1239	1105	316	1955	44	13	0.02	2.10	46
CO9897+	CO9896	6.48	418 3-	4/0ACSR	1307	1232	1097	315	1955	44	13	0.02	2.11	41
CO9726+	CO9897	6.59	1 1-	4/0ACSR	0	0	1086	315	0	0	0	0.00	2.11	0
CO9699+	CO9897	6.58	416 3-	4/0ACSR	1298	1222	1087	315	1949	44	13	0.02	2.13	54
CO9700+	CO9699	6.74	413 3-	4/0ACSR	1281	1206	1070	314	1943	44	13	0.04	2.17	92
CO9901+	CO9700	6.85	2 1-	4/0ACSR	0	0	1059	313	4	0	0	0.00	2.17	0
OC525484232+	CO9901	6.85	0 1-	20 N FUSE	0	0	1059	313	0	0	0	0.00	2.17	0
CO9902+	OC525484232	6.91	0 1-	4/0ACSR	0	0	1053	313	0	0	0	0.00	2.17	0
CO9701+	CO9700	6.84	410 3-	4/0ACSR	1272	1197	1060	313	1932	44	13	0.02	2.19	53
CO9727+	CO9701	6.91	1 1-	4/0ACSR	0	0	1053	313	12	0	0	0.00	2.19	0
OC666808362+	CO9727	6.91	0 1-	20 N FUSE	0	0	1053	313	0	0	0	0.00	2.19	0
CO9702+	CO9701	7.03	409 3-	4/0ACSR	1253	1179	1041	312	1920	43	13	0.04	2.23	105

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9903+	CO9702	7.17	409 3-	4/0ACSR	1240	1166	1027	311	1920	43	13	0.03	2.26	79
CO9904+	CO9903	7.29	409 3-	4/0ACSR	1229	1155	1016	310	1919	43	13	0.03	2.29	65
CO9760+	CO9904	7.34	2 1-	2ACSR	0	0	1010	310	11	0	0	0.00	2.29	0
OC-1097124239+	CO9760	7.34	0 1-	20 N FUSE	0	0	1010	310	0	0	0	0.00	2.29	0
CO9905+	CO9904	7.36	407 3-	4/0ACSR	1222	1148	1009	310	1908	43	13	0.02	2.30	42
CO9906+	CO9905	7.45	406 3-	4/0ACSR	1214	1141	1002	310	1899	43	13	0.02	2.32	45
CO9907+	CO9906	7.65	405 3-	4/0ACSR	1197	1124	984	308	1896	43	13	0.04	2.36	106
CO9930+	CO9907	7.65	6 1-	4ACSR	0	0	983	308	38	2	2	0.00	2.36	0
OC262+	CO9930	7.65	6 1-	10 N FUSE	0	0	983	308	38	2	26	0.00	2.36	0
CO9931+	OC262	7.86	6 1-	4ACSR	0	0	954	304	38	2	2	0.01	2.37	0
CO17013+	CO9931	7.92	1 1-	4ACSR	0	0	945	303	8	0	0	0.00	2.37	0
CO9915+	CO9931	7.95	3 1-	4ACSR	0	0	941	303	20	1	1	0.00	2.38	0
CO9916+	CO9915	8.04	2 1-	4ACSR	0	0	928	301	9	0	0	0.00	2.38	0
CO9914+	CO9931	7.89	2 1-	4ACSR	0	0	949	304	10	0	0	0.00	2.37	0
CO9913+	CO9914	7.92	2 1-	4ACSR	0	0	946	303	10	0	0	0.00	2.37	0
CO9912+	CO9913	7.96	1 1-	4ACSR	0	0	939	303	8	0	0	0.00	2.37	0
CO9911+	CO9912	7.99	1 1-	4ACSR	0	0	935	302	8	0	0	0.00	2.37	0
CO9917+	CO9907	7.70	396 3-	4/0ACSR	1192	1119	979	308	1858	42	12	0.01	2.37	31
CO9918+	CO9917	7.74	395 3-	4/0ACSR	1188	1115	976	308	1850	42	12	0.01	2.38	19
CO9919+	CO9918	7.83	394 3-	4/0ACSR	1180	1108	968	307	1840	42	12	0.02	2.40	47
CO9922+	CO9919	8.01	390 3-	4/0ACSR	1166	1094	953	306	1836	41	12	0.04	2.43	88
CO9759+	CO9922	8.06	1 1-	2ACSR	0	0	947	306	7	0	0	0.00	2.43	0
OC-2048556001+	CO9759	8.06	0 1-	20 N FUSE	0	0	947	306	0	0	0	0.00	2.43	0
CO9923+	CO9922	8.03	389 3-	4/0ACSR	1164	1092	952	306	1829	41	12	0.00	2.44	9
CO9924+	CO9923	8.09	302 3-	4/0ACSR	1159	1087	946	306	1349	30	9	0.01	2.45	18
OC-447137113+	CO9924	8.09	301 3-	20 N FUSE	1159	1087	946	306	1340	30	153	0.00	2.45	0
CO9925+	OC-447137113	8.18	301 3-	4/0ACSR	1152	1080	940	305	1340	30	9	0.01	2.46	22
CO17015+	CO9925	8.38	300 3-	4/0ACSR	1136	1065	924	304	1337	30	9	0.03	2.49	54
CO10839+	CO17015	8.47	0 1-	4/0ACSR	0	0	917	303	0	0	0	0.00	2.49	0
CO10945+	CO17015	8.49	300 3-	4/0ACSR	1127	1056	915	303	1336	30	9	0.02	2.51	29
CO10946+	CO10945	8.57	298 3-	4/0ACSR	1121	1050	909	303	1328	30	9	0.01	2.52	22
CO10816+	CO10946	8.63	291 3-	4/0ACSR	1116	1046	905	303	1310	29	9	0.01	2.53	15
CO10840+	CO10816	8.69	1 1-	4/0ACSR	0	0	900	302	3	0	0	0.00	2.53	0
OC-484437041+	CO10840	8.69	0 1-	20 N FUSE	0	0	900	302	0	0	0	0.00	2.53	0
CO10927+	CO10816	8.76	290 3-	4/0ACSR	1107	1037	896	302	1306	29	9	0.02	2.55	33
CO10848+	CO10927	8.86	1 1-	2ACSR	0	0	885	300	6	0	0	0.00	2.55	0
OC958034250+	CO10848	8.86	0 1-	20 N FUSE	0	0	885	300	0	0	0	0.00	2.55	0
CO10928+	CO10927	8.83	289 3-	4/0ACSR	1102	1032	890	301	1300	29	9	0.01	2.56	18
CO17115+	CO10928	9.01	288 3-	4/0ACSR	1088	1018	877	300	1295	29	9	0.03	2.58	47
CO1625430347+	CO17115	9.04	286 3-	2ACSR	1085	1016	875	300	1277	29	16	0.01	2.59	18
CO1115759780+	CO1625430347	9.10	285 3-	2ACSR	1079	1011	869	299	1277	29	16	0.02	2.61	46
CO11255+	CO1115759780	9.15	8 1-	4ACSR	0	0	863	298	20	1	1	0.00	2.61	0
OC1648905508+	CO11255	9.15	6 1-	20 N FUSE	0	0	863	298	17	1	6	0.00	2.61	0
CO11256+	OC1648905508	9.17	6 1-	4ACSR	0	0	861	298	17	1	1	0.00	2.61	0
CO17053+	CO11256	9.24	5 1-	4/0ACSR	0	0	856	298	12	0	0	0.00	2.62	0
CO10884+	CO17053	9.30	3 1-	4/0ACSR	0	0	852	297	6	0	0	0.00	2.62	0
CO10885+	CO10884	9.43	2 1-	4/0ACSR	0	0	844	296	3	0	0	0.00	2.62	0
CO11186+	CO1115759780	9.23	277 3-	4/0ACSR	1070	1001	860	299	1256	28	8	0.02	2.63	32
CO11259+	CO11186	9.26	277 3-	4/0ACSR	1067	999	858	298	1256	28	8	0.00	2.64	8
CO11260+	CO11259	9.35	277 3-	4/0ACSR	1062	994	852	298	1256	28	8	0.01	2.65	20
CO11188+	CO11260	9.46	270 3-	4/0ACSR	1054	986	845	297	1217	27	8	0.02	2.66	25
CO11265+	CO11188	9.51	2 1-	4ACSR	0	0	839	296	3	0	0	0.00	2.66	0

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC444931602+	CO11265	9.51	1 1-	20 N FUSE	0	0	839	296	0	0	0	0.00	2.66	0
CO11266+	OC444931602	9.64	1 1-	4ACSR	0	0	826	294	0	0	0	0.00	2.66	0
CO11189+	CO11188	9.84	268 3-	4/0ACSR	1029	962	821	295	1214	27	8	0.05	2.71	84
CO11200+	CO11189	9.98	0 1-	6ACWC	0	0	807	293	0	0	0	0.00	2.71	0
OC-316559953+	CO11200	9.98	0 1-	20 N FUSE	0	0	807	293	0	0	0	0.00	2.71	0
CO11270+	OC-316559953	10.05	0 1-	6ACWC	0	0	800	291	0	0	0	0.00	2.71	0
CO11271+	CO11270	10.08	0 1-	6ACWC	0	0	797	291	0	0	0	0.00	2.71	0
CO11357+	OC-316559953	9.99	0 1-	6ACWC	0	0	806	293	0	0	0	0.00	2.71	0
OC315+	CO11357	9.99	0 1-	20 N FUSE	0	0	806	293	0	0	0	0.00	2.71	0
CO11358+	OC315	10.24	0 1-	6ACWC	0	0	781	288	0	0	0	0.00	2.71	0
CO11269+	CO11358	10.29	0 1-	6ACWC	0	0	777	288	0	0	0	0.00	2.71	0
CO11268+	CO11269	10.32	0 1-	6ACWC	0	0	773	287	0	0	0	0.00	2.71	0
CO11267+	CO11268	10.42	0 1-	6ACWC	0	0	765	286	0	0	0	0.00	2.71	0
CO11230+	CO11189	9.93	0 1-	4ACSR	0	0	811	293	0	0	0	0.00	2.71	0
OC1939844840+	CO11230	9.93	0 1-	20 N FUSE	0	0	811	293	0	0	0	0.00	2.71	0
CO11190+	CO11189	9.96	268 3-	4/0ACSR	1021	955	814	294	1213	27	8	0.02	2.73	26
CO11191+	CO11190	10.07	267 3-	4/0ACSR	1014	948	807	294	1205	27	8	0.02	2.74	25
CO11352+	CO11191	10.45	11 1-	6ACWC	0	0	771	288	26	1	1	0.02	2.76	0
OC1854150139+	CO11352	10.45	11 1-	20 N FUSE	0	0	771	288	26	1	9	0.00	2.76	0
CO11353+	OC1854150139	10.62	11 1-	6ACWC	0	0	755	285	26	1	1	0.01	2.77	0
CO11343+	CO11353	10.76	10 1-	6ACWC	0	0	743	283	21	1	1	0.00	2.77	0
CO11228+	CO11343	10.89	2 1-	6ACWC	0	0	732	281	1	0	0	0.00	2.77	0
CO11198+	CO11343	10.85	8 1-	6ACWC	0	0	735	281	20	1	1	0.00	2.77	0
CO11199+	CO11198	10.91	6 1-	6ACWC	0	0	730	280	14	0	1	0.00	2.77	0
CO11344+	CO11199	11.05	5 1-	6ACWC	0	0	717	278	14	0	1	0.00	2.78	0
CO11345+	CO11344	11.15	2 1-	6ACWC	0	0	710	277	2	0	0	0.00	2.78	0
CO11346+	CO11345	11.37	2 1-	6ACWC	0	0	692	273	2	0	0	0.00	2.78	0
CO11347+	CO11346	11.38	1 1-	6ACWC	0	0	691	273	0	0	0	0.00	2.78	0
CO11348+	CO11347	11.42	1 1-	6ACWC	0	0	688	273	0	0	0	0.00	2.78	0
CO11349+	CO11348	11.44	1 1-	6ACWC	0	0	686	272	0	0	0	0.00	2.78	0
CO2085836848+	CO11349	11.74	1 1-	2ACSR	0	0	667	269	0	0	0	0.00	2.78	0
CO11226+	CO11199	11.10	1 1-	6ACWC	0	0	714	277	0	0	0	0.00	2.77	0
CO11227+	CO11198	10.94	1 1-	6ACWC	0	0	727	280	0	0	0	0.00	2.77	0
CO11192+	CO11191	10.16	256 3-	4/0ACSR	1008	943	802	293	1179	27	8	0.01	2.76	18
CO11222+	CO11192	10.24	1 1-	4ACSR	0	0	794	292	0	0	0	0.00	2.76	0
OC556623837+	CO11222	10.24	0 1-	20 N FUSE	0	0	794	292	0	0	0	0.00	2.76	0
CO11193+	CO11192	10.30	255 3-	4/0ACSR	1000	934	794	292	1179	27	8	0.02	2.77	30
CO11272+	CO11193	10.38	251 3-	4/0ACSR	995	930	789	292	1171	26	8	0.01	2.78	17
CO11273+	CO11272	10.43	251 3-	4/0ACSR	992	927	787	292	1171	26	8	0.01	2.79	10
CO11195+	CO11273	10.85	249 3-	4/0ACSR	967	903	764	289	1167	26	8	0.05	2.84	86
CO11278+	CO11195	10.97	31 3-	4/0ACSR	960	897	758	289	138	3	1	0.00	2.85	0
CO11362+	CO11278	11.07	30 1-	4/0ACSR	0	0	752	288	125	8	3	0.01	2.85	0
CO11179+	CO11362	11.10	30 1-	4ACSR	0	0	750	288	125	8	6	0.01	2.86	0
XFMR99	CO11179	11.10	30 1-	167 KVA 1PH AUT	0	0	554	165	125	8	74	0.42	3.28	0
CO11359	XFMR99	11.11	30 1-	4ACSR	0	0	554	165	125	17	12	0.01	3.28	0
OC313	CO11359	11.11	30 1-	25 H OCR	0	0	554	165	125	17	69	0.00	3.28	0
CO11360	OC313	11.13	30 1-	4ACSR	0	0	552	165	125	17	12	0.02	3.31	5
CO11279	CO11360	11.40	30 1-	4ACSR	0	0	532	162	125	17	12	0.20	3.51	42
CO11174	CO11279	11.48	20 1-	4ACSR	0	0	526	161	83	11	8	0.04	3.55	6
CO11280	CO11174	11.79	19 1-	4ACSR	0	0	504	158	73	10	7	0.14	3.69	17
OC989614782	CO11280	11.79	18 1-	20 N FUSE	0	0	504	158	73	10	50	0.00	3.69	0
CO11281	OC989614782	11.91	18 1-	4ACSR	0	0	496	157	73	10	7	0.05	3.74	6

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11282	CO11281	12.03	18 1-	4ACSR	0	0	487	156	73	10	7	0.05	3.79	6
CO11241	CO11282	12.07	2 1-	2ACSR	0	0	485	155	1	0	0	0.00	3.79	0
CO11283	CO11282	12.17	15 1-	4ACSR	0	0	477	154	63	8	6	0.06	3.85	6
CO11284	CO11283	12.52	14 1-	4ACSR	0	0	455	151	63	8	6	0.14	3.99	14
CO11175	CO11284	12.59	13 1-	4ACSR	0	0	450	151	63	8	6	0.03	4.02	3
CO11176	CO11175	12.81	11 1-	4ACSR	0	0	437	149	51	7	5	0.07	4.08	6
CO11213	CO11176	12.89	0 1-	4ACSR	0	0	432	148	0	0	0	0.00	4.08	0
CO11177	CO11176	12.87	11 1-	4ACSR	0	0	434	148	51	7	5	0.02	4.10	0
CO11290	CO11177	13.03	10 1-	4ACSR	0	0	424	147	51	7	5	0.05	4.15	4
CO11291	CO11290	13.10	9 1-	4ACSR	0	0	420	146	49	6	5	0.02	4.18	0
CO11178	CO11291	13.69	7 1-	4ACSR	0	0	389	141	48	6	5	0.18	4.35	14
CO11301	CO11178	13.96	2 1-	4ACSR	0	0	375	139	10	1	1	0.02	4.37	0
CO11302	CO11301	14.05	2 1-	4ACSR	0	0	372	139	10	1	1	0.00	4.37	0
CO11300	CO11302	14.14	2 1-	4ACSR	0	0	367	138	10	1	1	0.01	4.38	0
CO11299	CO11300	14.29	1 1-	4ACSR	0	0	361	137	10	1	1	0.00	4.38	0
CO11294	CO11178	13.75	5 1-	4ACSR	0	0	386	141	38	5	4	0.01	4.36	0
CO11295	CO11294	13.77	4 1-	4ACSR	0	0	385	141	28	3	3	0.00	4.37	0
CO713138009	CO11295	13.91	4 1-	2ACSR	0	0	379	140	28	3	2	0.02	4.38	0
CO313886258	CO713138009	13.94	1 1-	1/0PRIURD	0	0	378	248	16	2	1	0.00	4.39	0
CO835393678	CO713138009	13.97	3 1-	2ACSR	0	0	377	140	12	1	1	0.00	4.39	0
CO11240	CO835393678	14.06	2 1-	2ACSR	0	0	373	139	10	1	1	0.00	4.39	0
CO11298	CO835393678	14.03	1 1-	4ACSR	0	0	374	139	2	0	0	0.00	4.39	0
CO11296	CO11298	14.08	1 1-	4ACSR	0	0	372	139	2	0	0	0.00	4.39	0
CO11292	CO11291	13.17	2 1-	4ACSR	0	0	416	146	0	0	0	0.00	4.18	0
CO11293	CO11292	13.26	1 1-	4ACSR	0	0	412	145	0	0	0	0.00	4.18	0
CO11214	CO11292	13.22	1 1-	4ACSR	0	0	414	145	0	0	0	0.00	4.18	0
CO11212	CO11177	12.91	1 1-	4ACSR	0	0	431	148	0	0	0	0.00	4.10	0
CO11211	CO11177	13.04	0 1-	4ACSR	0	0	424	147	0	0	0	0.00	4.10	0
CO11288	CO11175	12.68	2 1-	4ACSR	0	0	445	150	12	1	1	0.01	4.02	0
CO11289	CO11288	12.69	1 1-	4ACSR	0	0	445	150	12	1	1	0.00	4.02	0
CO11287	CO11289	12.91	1 1-	4ACSR	0	0	431	148	12	1	1	0.01	4.03	0
CO11285	CO11284	12.70	1 1-	4ACSR	0	0	444	150	0	0	0	0.00	3.99	0
CO11286	CO11285	12.74	0 1-	4ACSR	0	0	442	149	0	0	0	0.00	3.99	0
CO11215	CO11174	11.55	1 1-	4ACSR	0	0	521	160	10	1	1	0.00	3.55	0
CO11169	CO11279	11.62	10 1-	4ACSR	0	0	516	160	41	5	4	0.06	3.57	4
CO11305	CO11169	11.68	1 1-	4ACSR	0	0	511	159	0	0	0	0.00	3.57	0
CO11306	CO11305	11.75	0 1-	4ACSR	0	0	506	158	0	0	0	0.00	3.57	0
CO11170	CO11169	12.04	9 1-	4ACSR	0	0	487	156	41	5	4	0.11	3.67	7
CO11171	CO11170	12.20	8 1-	4ACSR	0	0	475	154	34	4	3	0.03	3.71	0
CO11207	CO11171	12.30	1 1-	4ACSR	0	0	469	153	5	0	0	0.00	3.71	0
CO11172	CO11171	12.27	7 1-	4ACSR	0	0	471	153	29	4	3	0.01	3.72	0
CO11310	CO11172	12.36	7 1-	4ACSR	0	0	465	153	29	4	3	0.01	3.74	0
CO11311	CO11310	12.39	6 1-	4ACSR	0	0	464	152	25	3	2	0.00	3.74	0
CO11312	CO11311	12.43	5 1-	4ACSR	0	0	460	152	24	3	2	0.01	3.75	0
CO11313	CO11312	12.48	5 1-	4ACSR	0	0	457	152	24	3	2	0.01	3.75	0
OC550317404	CO11313	12.48	5 1-	20 N FUSE	0	0	457	152	24	3	17	0.00	3.75	0
CO11319	OC550317404	12.59	0 1-	4ACSR	0	0	450	151	0	0	0	0.00	3.75	0
CO11320	CO11319	13.12	0 1-	4ACSR	0	0	419	146	0	0	0	0.00	3.75	0
CO17120	CO11320	13.55	0 1-	4ACSR	0	0	396	143	0	0	0	0.00	3.75	0
CO11497	CO17120	13.58	0 1-	4ACSR	0	0	394	142	0	0	0	0.00	3.75	0
CO11498	CO11497	13.66	0 1-	4ACSR	0	0	390	142	0	0	0	0.00	3.75	0
CO11321	CO11320	13.23	0 1-	4ACSR	0	0	413	145	0	0	0	0.00	3.75	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11322	CO11321	13.40	0 1-	4ACSR	0	0	404	144	0	0	0	0.00	3.75	0
CO11173	OC550317404	12.59	5 1-	4ACSR	0	0	451	151	24	3	2	0.02	3.77	0
CO11314	CO11173	12.92	4 1-	4ACSR	0	0	431	148	21	2	2	0.04	3.81	0
CO11317	CO11314	13.11	4 1-	4ACSR	0	0	420	146	21	2	2	0.02	3.84	0
CO11318	CO11317	13.13	4 1-	4ACSR	0	0	419	146	21	2	2	0.00	3.84	0
CO11209	CO11318	13.19	0 1-	4ACSR	0	0	416	146	0	0	0	0.00	3.84	0
CO11208	CO11318	13.17	1 1-	4ACSR	0	0	416	146	11	1	1	0.00	3.84	0
CO11315	CO11318	13.32	3 1-	4ACSR	0	0	408	144	10	1	1	0.01	3.85	0
CO11316	CO11315	13.39	2 1-	4ACSR	0	0	404	144	9	1	1	0.00	3.85	0
CO11210	CO11173	12.68	1 1-	4ACSR	0	0	445	150	3	0	0	0.00	3.77	0
CO11308	CO11172	12.32	0 1-	4ACSR	0	0	468	153	0	0	0	0.00	3.72	0
CO11309	CO11308	12.36	0 1-	4ACSR	0	0	465	153	0	0	0	0.00	3.72	0
CO11307	CO11309	12.45	0 1-	4ACSR	0	0	459	152	0	0	0	0.00	3.72	0
CO11355	CO11307	12.53	0 1-	4ACSR	0	0	454	151	0	0	0	0.00	3.72	0
CO11356	CO11355	12.54	0 1-	4ACSR	0	0	454	151	0	0	0	0.00	3.72	0
CO11303	CO11170	12.20	1 1-	4ACSR	0	0	476	154	7	1	1	0.01	3.68	0
CO11304	CO11303	12.32	1 1-	4ACSR	0	0	468	153	7	1	1	0.00	3.68	0
CO11197+	CO11195	10.92	216 3-	1/0ACSR	962	899	759	289	1023	23	10	0.01	2.86	22
CO11274+	CO11197	10.94	216 3-	1/0ACSR	960	897	758	289	1023	23	10	0.00	2.86	7
CO11275+	CO11274	11.11	215 3-	1/0ACSR	948	886	747	287	1021	23	10	0.03	2.90	52
CO11225+	CO11275	11.32	0 1-	1/0ACSR	0	0	734	285	0	0	0	0.00	2.90	0
CO11276+	CO11275	11.19	215 3-	1/0ACSR	943	881	742	287	1021	23	10	0.01	2.91	24
CO11277+	CO11276	11.28	215 3-	1/0ACSR	937	875	737	286	1021	23	10	0.02	2.93	29
CO17117+	CO11277	11.35	215 3-	1/0ACSR	932	871	733	285	1020	23	10	0.01	2.94	23
CO10983+	CO17117	11.45	215 3-	1/0ACSR	925	865	727	284	1020	23	10	0.02	2.96	31
CO10859+	CO10983	11.51	215 3-	1/0ACSR	922	861	723	284	1020	23	10	0.01	2.98	18
CO10984+	CO10859	11.51	215 3-	1/0ACSR	921	861	723	284	1020	23	10	0.00	2.98	0
OC306+	CO10984	11.51	212 3-	50 E OCR	921	861	723	284	1008	23	46	0.00	2.98	0
CO10985+	OC306	11.66	212 3-	1/0ACSR	911	852	714	283	1008	23	10	0.03	3.01	45
CO10861+	CO10985	11.83	212 3-	1/0ACSR	900	842	704	281	1008	23	10	0.03	3.04	53
CO10862+	CO10861	11.91	212 3-	1/0ACSR	895	837	700	281	1008	23	10	0.02	3.06	24
CO10863+	CO10862	12.01	212 3-	1/0ACSR	889	831	695	280	1008	23	10	0.02	3.07	30
CO10864+	CO10863	12.16	212 3-	1/0ACSR	880	823	687	278	1008	23	10	0.03	3.10	47
CO10878+	CO10864	12.23	1 1-	1/0ACSR	0	0	683	278	2	0	0	0.00	3.11	0
OC1070446677+	CO10878	12.23	1 1-	20 N FUSE	0	0	683	278	2	0	1	0.00	3.11	0
CO10934+	OC1070446677	12.27	1 1-	1/0ACSR	0	0	681	278	2	0	0	0.00	3.11	0
CO10935+	CO10934	12.37	0 1-	1/0ACSR	0	0	675	277	0	0	0	0.00	3.11	0
CO10879+	CO10935	12.43	0 1-	1/0ACSR	0	0	673	276	0	0	0	0.00	3.11	0
CO10880+	CO10879	12.53	0 1-	1/0ACSR	0	0	668	276	0	0	0	0.00	3.11	0
CO10851+	CO10864	12.24	211 3-	1/0ACSR	875	818	682	278	1005	23	10	0.02	3.12	25
CO10852+	CO10851	12.33	211 3-	1/0ACSR	870	814	678	277	1005	23	10	0.02	3.14	25
CO10853+	CO10852	12.51	211 3-	1/0ACSR	859	803	668	276	1005	23	10	0.04	3.17	58
CO10854+	CO10853	12.63	211 3-	1/0ACSR	852	797	663	275	1005	23	10	0.02	3.20	34
CO10896+	CO10854	12.72	191 3-	1/0ACSR	847	792	658	274	929	21	9	0.02	3.21	25
CO10897+	CO10896	12.84	191 3-	1/0ACSR	840	786	652	273	928	21	9	0.02	3.24	31
CO10872+	CO10897	12.90	2 1-	1/0ACSR	0	0	649	273	1	0	0	0.00	3.24	0
OC-2039095923+	CO10872	12.90	2 1-	20 N FUSE	0	0	649	273	1	0	0	0.00	3.24	0
CO10873+	OC-2039095923	13.04	2 1-	1/0ACSR	0	0	643	272	1	0	0	0.00	3.24	0
CO10898+	CO10897	12.94	189 3-	1/0ACSR	835	781	648	272	927	21	9	0.02	3.25	25
CO10899+	CO10898	13.11	189 3-	1/0ACSR	825	772	639	271	927	21	9	0.03	3.29	46
CO10900+	CO10899	13.19	189 3-	1/0ACSR	821	769	636	270	927	21	9	0.01	3.30	19
CO10811+	CO10900	13.41	187 3-	1/0ACSR	809	758	626	269	919	21	9	0.04	3.34	57

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO10921+	CO10811	13.54	2 1-	4ACSR	0	0	618	267	15	1	1	0.00	3.34	0
OC1151894432+	CO10921	13.54	2 1-	20 N FUSE	0	0	618	267	15	1	5	0.00	3.34	0
CO10922+	OC1151894432	13.62	1 1-	4ACSR	0	0	613	266	8	0	0	0.00	3.34	0
CO10828+	OC1151894432	13.58	1 1-	4ACSR	0	0	615	266	6	0	0	0.00	3.34	0
CO10907+	CO10811	13.56	185 3-	1/0ACSR	801	750	619	268	904	20	9	0.03	3.37	39
CO10908+	CO10907	13.66	185 3-	1/0ACSR	797	746	615	267	904	20	9	0.02	3.38	24
CO10808+	CO10908	14.15	184 3-	1/0ACSR	772	724	594	263	900	20	9	0.09	3.47	120
CO10809+	CO10808	14.31	165 3-	1/0ACSR	765	716	588	262	824	18	8	0.03	3.50	34
CO10823+	CO10809	14.37	1 1-	1/0ACSR	0	0	586	262	10	0	0	0.00	3.50	0
OC1093969174+	CO10823	14.37	0 1-	20 N FUSE	0	0	586	262	0	0	0	0.00	3.50	0
CO10810+	CO10809	14.51	163 3-	1/0ACSR	756	708	580	261	805	18	8	0.03	3.53	39
CO17055+	CO10810	14.60	3 1-	1/0ACSR	0	0	577	260	10	0	0	0.00	3.53	0
OC285966146+	CO17055	14.60	0 1-	20 N FUSE	0	0	577	260	0	0	0	0.00	3.53	0
CO10901+	CO10810	14.53	160 3-	1/0ACSR	755	707	580	261	794	18	8	0.00	3.53	3
CO17057+	CO10901	14.60	160 3-	1/0ACSR	751	704	577	260	794	18	8	0.01	3.54	14
CO17262+	CO17057	14.61	2 1-	6ACWC	0	0	576	260	11	0	1	0.00	3.54	0
OC298+	CO17262	14.61	2 1-	10 N FUSE	0	0	576	260	11	0	8	0.00	3.54	0
CO17263+	OC298	14.64	2 1-	6ACWC	0	0	575	259	11	0	1	0.00	3.54	0
CO10902+	CO17263	14.79	2 1-	6ACWC	0	0	566	257	11	0	1	0.00	3.54	0
CO10869+	CO10902	14.88	1 1-	6ACWC	0	0	562	256	2	0	0	0.00	3.55	0
CO17056+	CO10869	14.95	1 1-	6ACWC	0	0	558	255	2	0	0	0.00	3.55	0
CO11043+	CO17056	14.99	1 1-	6ACWC	0	0	556	255	2	0	0	0.00	3.55	0
CO10930+	CO10902	14.92	1 1-	6ACWC	0	0	560	256	10	0	0	0.00	3.55	0
CO10931+	CO10930	14.99	0 1-	6ACWC	0	0	556	255	0	0	0	0.00	3.55	0
CO10868+	CO10931	15.08	0 1-	6ACWC	0	0	551	254	0	0	0	0.00	3.55	0
CO11044+	CO17057	14.68	157 3-	1/0ACSR	748	701	574	259	777	17	8	0.01	3.55	14
CO11045+	CO11044	14.72	156 3-	1/0ACSR	746	699	572	259	770	17	8	0.01	3.56	7
CO-676521584+	CO11045	14.80	0 1-	2ACSR	0	0	569	258	0	0	0	0.00	3.56	0
CO11020+	CO11045	14.76	2 1-	1/0ACSR	0	0	571	259	3	0	0	0.00	3.56	0
CO11046+	CO11045	14.86	154 3-	1/0ACSR	740	693	567	258	767	17	8	0.02	3.58	25
CO11047+	CO11046	15.18	154 3-	1/0ACSR	726	680	555	256	767	17	8	0.05	3.63	58
CO11048+	CO11047	15.22	153 3-	1/0ACSR	724	679	554	256	767	17	8	0.01	3.64	7
CO11031+	CO11048	15.33	1 1-	2ACSR	0	0	549	255	7	0	0	0.00	3.64	0
OC1242204064+	CO11031	15.33	0 1-	20 N FUSE	0	0	549	255	0	0	0	0.00	3.64	0
CO11049+	CO11048	15.47	152 3-	1/0ACSR	714	669	545	254	760	17	8	0.04	3.67	44
CO11143+	CO11049	15.50	151 3-	1/0ACSR	712	668	544	254	760	17	8	0.00	3.68	6
CO11144+	CO11143	15.58	150 3-	1/0ACSR	709	665	542	253	752	17	8	0.01	3.69	13
CO11050+	CO11144	16.02	150 3-	1/0ACSR	691	649	527	250	752	17	8	0.07	3.76	77
CO11041+	CO11050	16.14	26 1-	6ACWC	0	0	522	249	105	7	5	0.02	3.77	3
XFMR102	CO11041	16.14	25 1-	167 KVA 1PH AUT	0	0	484	158	99	6	59	0.34	4.11	0
CO11042	XFMR102	16.19	25 1-	6ACWC	0	0	481	158	99	13	10	0.03	4.14	5
CO11154	CO11042	16.20	24 1-	6ACWC	0	0	481	158	89	12	9	0.00	4.14	0
OC309	CO11154	16.20	24 1-	25 H OCR	0	0	481	158	89	12	49	0.00	4.14	0
CO11155	OC309	16.22	24 1-	6ACWC	0	0	479	158	89	12	9	0.01	4.15	0
CO11040	CO11155	16.34	23 1-	6ACWC	0	0	472	156	89	12	9	0.07	4.22	10
CO11039	CO11040	16.40	22 1-	6ACWC	0	0	468	156	86	11	9	0.03	4.25	5
CO11026	CO11039	16.56	1 1-	2ACSR	0	0	460	155	1	0	0	0.00	4.25	0
CO11038	CO11039	16.67	21 1-	6ACWC	0	0	452	153	85	11	8	0.14	4.39	20
CO10995	CO11038	16.90	19 1-	6ACWC	0	0	439	151	78	10	8	0.11	4.50	14
CO10996	CO10995	17.13	17 1-	6ACWC	0	0	426	149	69	9	7	0.10	4.60	11
CO17044	CO10996	17.79	15 1-	6ACWC	0	0	392	144	62	8	6	0.25	4.85	26
CO10733	CO17044	17.91	3 1-	6ACWC	0	0	386	143	14	1	1	0.01	4.86	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10732	CO10733	18.11	3 1-	6ACWC	0	0	377	141	14	1	1	0.02	4.88	0
CO17050	CO10732	18.31	2 1-	6ACWC	0	0	368	140	13	1	1	0.02	4.90	0
CO10870	CO17050	18.38	2 1-	6ACWC	0	0	365	139	13	1	1	0.00	4.90	0
CO10871	CO10870	18.43	1 1-	6ACWC	0	0	363	139	7	0	1	0.00	4.90	0
CO10723	CO10732	18.59	1 1-	2ACSR	0	0	359	139	0	0	0	0.00	4.88	0
CO10766	CO17044	17.86	12 1-	6ACWC	0	0	389	143	48	6	5	0.02	4.87	0
OC-1343220304	CO10766	17.86	11 1-	20 N FUSE	0	0	389	143	48	6	34	0.00	4.87	0
CO10767	OC-1343220304	18.01	11 1-	6ACWC	0	0	381	142	48	6	5	0.05	4.92	4
CO10699	CO10767	18.18	1 1-	6ACWC	0	0	374	141	0	0	0	0.00	4.92	0
CO10728	CO10767	18.27	7 1-	6ACWC	0	0	369	140	32	4	3	0.05	4.97	3
CO10727	CO10728	18.32	6 1-	6ACWC	0	0	367	140	24	3	2	0.01	4.98	0
CO10677	CO10727	18.43	2 1-	6ACWC	0	0	362	139	9	1	1	0.01	4.99	0
CO10695	CO10677	18.45	1 1-	6ACWC	0	0	361	139	7	1	1	0.00	4.99	0
CO10770	CO10677	18.66	1 1-	6ACWC	0	0	353	137	2	0	0	0.00	4.99	0
CO10771	CO10770	19.05	0 1-	6ACWC	0	0	337	134	0	0	0	0.00	4.99	0
CO10748	CO10677	18.52	0 1-	6ACWC	0	0	358	138	0	0	0	0.00	4.99	0
CO10747	CO10748	18.60	0 1-	6ACWC	0	0	355	138	0	0	0	0.00	4.99	0
CO10676	CO10727	18.38	4 1-	6ACWC	0	0	365	139	15	2	1	0.01	4.98	0
CO10731	CO10676	18.44	4 1-	6ACWC	0	0	362	139	15	2	1	0.00	4.99	0
CO10730	CO10731	18.60	2 1-	6ACWC	0	0	355	138	4	0	0	0.00	4.99	0
CO10729	CO10730	18.69	2 1-	6ACWC	0	0	351	137	4	0	0	0.00	4.99	0
CO10697	CO10729	18.74	1 1-	6ACWC	0	0	350	137	4	0	0	0.00	5.00	0
CO10696	CO10729	18.81	1 1-	6ACWC	0	0	347	136	0	0	0	0.00	4.99	0
CO10722	CO10728	18.33	1 1-	2ACSR	0	0	367	140	8	1	1	0.00	4.97	0
CO10768	CO10767	18.05	3 1-	6ACWC	0	0	379	142	16	2	2	0.00	4.92	0
CO10769	CO10768	18.10	1 1-	6ACWC	0	0	377	141	3	0	0	0.00	4.92	0
CO10749	CO10769	18.33	1 1-	6ACWC	0	0	367	140	3	0	0	0.00	4.93	0
CO17054	CO10996	17.32	1 1-	6ACWC	0	0	416	148	6	0	1	0.00	4.60	0
CO11010	CO10996	17.40	1 1-	6ACWC	0	0	411	147	1	0	0	0.00	4.60	0
CO11032	CO10995	17.11	2 1-	6ACWC	0	0	427	149	9	1	1	0.01	4.51	0
CO11033	CO11032	17.19	1 1-	6ACWC	0	0	423	149	0	0	0	0.00	4.51	0
CO11034	CO11033	17.26	1 1-	6ACWC	0	0	419	148	0	0	0	0.00	4.51	0
CO11036	CO11038	16.70	2 1-	6ACWC	0	0	450	153	7	0	1	0.00	4.39	0
CO11037	CO11036	16.78	1 1-	6ACWC	0	0	446	152	1	0	0	0.00	4.39	0
CO11012	CO11037	16.84	1 1-	6ACWC	0	0	442	152	1	0	0	0.00	4.40	0
CO11035	CO11037	16.86	0 1-	6ACWC	0	0	441	152	0	0	0	0.00	4.39	0
CO11013	CO11038	16.72	0 1-	6ACWC	0	0	449	153	0	0	0	0.00	4.39	0
CO11030	CO11040	16.40	1 1-	2ACSR	0	0	469	156	3	0	0	0.00	4.22	0
CO11011	CO11042	16.26	0 1-	6ACWC	0	0	477	157	0	0	0	0.00	4.14	0
CO11051+	CO11050	16.10	124 3-	1/0ACSR	689	646	525	250	647	14	6	0.01	3.76	9
CO11052+	CO11051	16.19	124 3-	1/0ACSR	685	643	522	249	647	14	6	0.01	3.78	12
CO11053+	CO11052	16.24	123 3-	1/0ACSR	683	641	520	249	640	14	6	0.01	3.78	6
CO10997+	CO11053	16.31	120 3-	1/0ACSR	681	639	518	248	625	14	6	0.01	3.79	8
CO11150+	CO10997	16.42	118 3-	1/0ACSR	677	635	515	248	617	14	6	0.01	3.80	12
CO11151+	CO11150	16.51	116 3-	1/0ACSR	673	632	512	247	613	14	6	0.01	3.82	11
CO11149+	CO11151	16.62	115 3-	1/0ACSR	669	628	509	246	602	13	6	0.01	3.83	12
CO10998+	CO11149	16.76	114 3-	1/0ACSR	664	623	505	245	597	13	6	0.02	3.84	16
CO11060+	CO10998	16.88	111 3-	1/0ACSR	659	619	501	245	582	13	6	0.01	3.86	13
CO11061+	CO11060	17.01	111 3-	1/0ACSR	655	615	497	244	582	13	6	0.01	3.87	13
CO10999+	CO11061	17.11	76 3-	1/0ACSR	652	612	495	243	292	6	3	0.01	3.88	2
CO11156+	CO10999	17.12	15 1-	4ACSR	0	0	494	243	69	4	3	0.00	3.88	0
OC310+	CO11156	17.12	15 1-	35 E OCR	0	0	494	243	69	4	14	0.00	3.88	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO11157+	OC310	17.25	15 1-	4ACSR	0	0	489	241	69	4	3	0.01	3.89	0
CO11100+	CO11157	17.32	15 1-	4ACSR	0	0	486	241	69	4	3	0.01	3.90	0
CO11000+	CO11100	17.44	14 1-	4ACSR	0	0	481	239	68	4	3	0.01	3.91	0
CO11021+	CO11000	17.50	1 1-	4ACSR	0	0	479	239	10	0	0	0.00	3.91	0
CO11164+	CO11000	17.68	13 1-	4ACSR	0	0	472	237	58	4	3	0.02	3.94	0
CO11094+	CO11164	17.72	13 1-	4ACSR	0	0	470	236	58	4	3	0.00	3.94	0
CO11003+	CO11094	17.80	1 1-	4ACSR	0	0	468	235	2	0	0	0.00	3.94	0
CO10986+	CO11094	17.78	11 1-	4ACSR	0	0	468	235	46	3	2	0.00	3.94	0
CO11089+	CO10986	17.83	10 1-	4ACSR	0	0	466	235	43	2	2	0.00	3.95	0
CO11090+	CO11089	17.94	8 1-	4ACSR	0	0	462	234	40	2	2	0.01	3.95	0
CO10987+	CO11090	18.03	5 1-	4ACSR	0	0	459	233	18	1	1	0.00	3.96	0
CO10994+	CO10987	18.08	3 1-	4ACSR	0	0	457	232	18	1	1	0.00	3.96	0
CO11009+	CO10994	18.11	1 1-	4ACSR	0	0	456	232	9	0	0	0.00	3.96	0
CO10993+	CO10994	18.17	2 1-	4ACSR	0	0	454	231	9	0	0	0.00	3.96	0
CO11002+	CO10993	18.24	1 1-	4ACSR	0	0	451	231	6	0	0	0.00	3.96	0
CO10988+	CO10993	18.40	1 1-	4ACSR	0	0	446	229	3	0	0	0.00	3.96	0
CO11152+	CO10988	18.78	0 1-	4ACSR	0	0	433	225	0	0	0	0.00	3.96	0
OC718109559+	CO11152	18.78	0 1-	20 N FUSE	0	0	433	225	0	0	0	0.00	3.96	0
CO11153+	OC718109559	18.95	0 1-	4ACSR	0	0	427	223	0	0	0	0.00	3.96	0
CO11085+	CO10988	18.85	1 1-	4ACSR	0	0	430	224	3	0	0	0.00	3.96	0
CO10989+	CO10988	18.97	0 1-	4ACSR	0	0	427	223	0	0	0	0.00	3.96	0
CO11087+	CO10987	18.17	2 1-	4ACSR	0	0	454	231	0	0	0	0.00	3.96	0
CO11088+	CO11087	18.33	2 1-	4ACSR	0	0	448	230	0	0	0	0.00	3.96	0
CO11091+	CO11090	18.00	2 1-	4ACSR	0	0	460	233	14	0	1	0.00	3.95	0
CO11092+	CO11091	18.06	1 1-	4ACSR	0	0	458	232	13	0	1	0.00	3.96	0
CO11093+	CO11092	18.13	1 1-	4ACSR	0	0	455	232	13	0	1	0.00	3.96	0
CO11004+	CO10986	17.91	1 1-	4ACSR	0	0	463	234	4	0	0	0.00	3.94	0
CO11095+	CO11100	17.38	1 1-	4ACSR	0	0	484	240	0	0	0	0.00	3.90	0
CO11096+	CO11095	17.42	1 1-	4ACSR	0	0	482	240	0	0	0	0.00	3.90	0
CO11097+	CO11096	17.48	1 1-	4ACSR	0	0	480	239	0	0	0	0.00	3.90	0
CO11098+	CO11097	17.61	1 1-	4ACSR	0	0	475	237	0	0	0	0.00	3.90	0
CO11099+	CO11098	17.70	1 1-	4ACSR	0	0	471	236	0	0	0	0.00	3.90	0
CO11101+	CO10999	17.32	61 1-	4ACSR	0	0	486	241	223	15	11	0.07	3.95	27
XFMR100	CO11101	17.32	61 1-	333 KVA 1PH AUT	0	0	590	160	223	15	67	0.48	4.44	0
CO11102	XFMR100	17.49	61 1-	4ACSR	0	0	574	158	223	31	22	0.23	4.67	86
CO11158	CO11102	17.50	61 1-	4ACSR	0	0	573	158	223	31	22	0.01	4.68	3
OC312	CO11158	17.50	61 1-	50 H OCR	0	0	573	158	223	31	62	0.00	4.68	0
CO11159	OC312	17.51	61 1-	4ACSR	0	0	572	158	223	31	22	0.02	4.70	8
CO11162	CO11159	17.53	61 1-	4ACSR	0	0	569	158	223	31	22	0.03	4.73	11
CO11163	CO11162	17.58	60 1-	4ACSR	0	0	565	158	219	30	22	0.06	4.80	22
CO11103	CO11163	17.65	60 1-	4ACSR	0	0	558	157	219	30	22	0.10	4.90	36
CO11106	CO11103	17.70	60 1-	4ACSR	0	0	554	156	219	30	22	0.06	4.96	24
CO11107	CO11106	17.80	59 1-	4ACSR	0	0	545	155	218	30	22	0.13	5.09	49
CO11111	CO11107	18.08	56 1-	4ACSR	0	0	519	153	207	29	21	0.37	5.46	127
CO11113	CO11111	18.10	3 1-	4ACSR	0	0	518	153	22	3	2	0.00	5.47	0
CO11116	CO11113	18.18	3 1-	4ACSR	0	0	511	152	22	3	2	0.01	5.48	0
CO11114	CO11116	18.24	1 1-	2ACSR	0	0	507	152	8	1	1	0.00	5.48	0
CO11115	CO11114	18.33	1 1-	2ACSR	0	0	501	151	8	1	1	0.00	5.48	0
CO11117	CO11116	18.23	1 1-	4ACSR	0	0	507	152	11	1	1	0.00	5.48	0
CO11112	CO11111	18.20	53 1-	4ACSR	0	0	509	152	185	25	19	0.14	5.60	44
CO11001	CO11112	18.34	4 1-	4ACSR	0	0	498	151	12	1	1	0.01	5.62	0
CO11120	CO11001	18.45	2 1-	4ACSR	0	0	489	150	8	1	1	0.01	5.62	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL17119	COL1120	18.48	2 1-	4ACSR	0	0	487	149	8	1	1	0.00	5.62	0
COL11424	COL17119	18.54	2 1-	4ACSR	0	0	482	149	8	1	1	0.00	5.63	0
COL11425	COL11424	18.63	1 1-	4ACSR	0	0	475	148	7	1	1	0.00	5.63	0
COL11118	COL11001	18.43	2 1-	4ACSR	0	0	490	150	4	0	0	0.00	5.62	0
COL11119	COL11118	18.52	1 1-	4ACSR	0	0	484	149	2	0	0	0.00	5.62	0
COL11121	COL11112	18.30	49 1-	4ACSR	0	0	501	151	173	24	17	0.11	5.71	31
COL11122	COL11121	18.40	49 1-	4ACSR	0	0	493	150	172	24	17	0.11	5.82	31
COL11123	COL11122	18.45	48 1-	4ACSR	0	0	489	150	172	24	17	0.06	5.88	17
COL17118	COL11123	18.61	46 1-	4ACSR	0	0	476	148	170	23	17	0.17	6.05	48
COL11399	COL17118	18.84	2 1-	4ACSR	0	0	460	146	10	1	1	0.01	6.06	0
COL11398	COL11399	18.90	2 1-	4ACSR	0	0	456	146	10	1	1	0.00	6.07	0
COL11427	COL11398	18.94	1 1-	4ACSR	0	0	452	145	8	1	1	0.00	6.07	0
COL11426	COL11427	19.00	0 1-	4ACSR	0	0	448	145	0	0	0	0.00	6.07	0
COL11375	COL11398	18.93	1 1-	4ACSR	0	0	453	146	2	0	0	0.00	6.07	0
COL11369	COL17118	18.77	44 1-	4ACSR	0	0	465	147	159	22	16	0.15	6.20	41
COL11370	COL11369	18.85	43 1-	4ACSR	0	0	459	146	155	21	16	0.08	6.28	21
COL11428	COL11370	19.00	8 1-	4ACSR	0	0	448	145	29	4	3	0.03	6.31	0
COL11376	COL11428	19.09	3 1-	4ACSR	0	0	443	144	17	2	2	0.00	6.32	0
COL11430	COL11428	19.06	3 1-	4ACSR	0	0	444	144	9	1	1	0.00	6.31	0
COL11429	COL11430	19.13	3 1-	4ACSR	0	0	440	144	9	1	1	0.00	6.32	0
COL11401	COL11370	18.89	35 1-	4ACSR	0	0	456	146	127	17	13	0.04	6.32	8
COL11400	COL11401	18.97	34 1-	4ACSR	0	0	451	145	124	17	13	0.06	6.38	12
COL11449	COL11400	18.97	31 1-	4ACSR	0	0	450	145	118	16	12	0.00	6.38	0
OC316	COL11449	18.97	31 1-	25 H OCR	0	0	450	145	118	16	67	0.00	6.38	0
COL11450	OC316	19.09	31 1-	4ACSR	0	0	443	144	118	16	12	0.08	6.47	17
COL11404	COL11450	19.14	30 1-	4ACSR	0	0	439	144	117	16	12	0.04	6.51	8
COL11403	COL11404	19.29	29 1-	4ACSR	0	0	429	143	116	16	12	0.11	6.62	21
COL11402	COL11403	19.35	28 1-	4ACSR	0	0	426	142	114	16	12	0.04	6.66	8
COL11408	COL11402	19.45	26 1-	4ACSR	0	0	419	141	94	13	10	0.06	6.72	10
OC1896634205	COL11408	19.45	26 1-	20 N FUSE	0	0	419	141	94	13	67	0.00	6.72	0
COL11406	OC1896634205	20.02	26 1-	4ACSR	0	0	387	137	94	13	10	0.34	7.06	53
COL11405	COL11406	20.07	23 1-	4ACSR	0	0	384	137	92	13	9	0.03	7.08	4
COL11407	COL11405	20.11	22 1-	4ACSR	0	0	382	136	90	12	9	0.02	7.11	4
COL11371	COL11407	20.15	21 1-	4ACSR	0	0	380	136	87	12	9	0.02	7.13	3
COL11414	COL11371	20.17	3 1-	4ACSR	0	0	379	136	13	1	1	0.00	7.13	0
COL11413	COL11414	20.34	3 1-	4ACSR	0	0	370	135	13	1	1	0.01	7.15	0
COL11382	COL11413	20.43	1 1-	4ACSR	0	0	366	134	5	0	1	0.00	7.15	0
COL11447	COL11413	20.45	2 1-	4ACSR	0	0	365	134	8	1	1	0.01	7.15	0
COL11446	COL11447	20.54	1 1-	4ACSR	0	0	360	133	7	1	1	0.00	7.15	0
COL11410	COL11371	20.28	18 1-	4ACSR	0	0	373	135	74	10	7	0.06	7.19	7
COL11409	COL11410	20.33	17 1-	4ACSR	0	0	371	135	68	9	7	0.03	7.21	3
COL11438	COL11409	20.52	0 1-	4ACSR	0	0	361	134	0	0	0	0.00	7.21	0
COL11437	COL11438	20.61	0 1-	4ACSR	0	0	358	133	0	0	0	0.00	7.21	0
COL11372	COL11409	20.57	16 1-	4ACSR	0	0	359	133	68	9	7	0.10	7.31	12
COL11373	COL11372	20.67	14 1-	4ACSR	0	0	355	133	57	8	6	0.03	7.35	3
COL11412	COL11373	20.75	14 1-	4ACSR	0	0	351	132	57	8	6	0.03	7.38	3
COL11411	COL11412	20.76	13 1-	4ACSR	0	0	350	132	54	7	6	0.00	7.38	0
COL11443	COL11411	20.81	10 1-	4ACSR	0	0	348	132	40	5	4	0.01	7.39	0
COL11445	COL11443	20.82	8 1-	4ACSR	0	0	348	132	21	3	2	0.00	7.39	0
COL11444	COL11445	20.85	4 1-	4ACSR	0	0	346	131	5	0	0	0.00	7.40	0
COL11381	COL11443	20.90	2 1-	4ACSR	0	0	344	131	18	2	2	0.01	7.40	0
COL11442	COL11411	20.83	1 1-	4ACSR	0	0	347	131	5	0	0	0.00	7.38	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL11380	COL11442	20.87	1 1-	4ACSR	0	0	346	131	5	0	0	0.00	7.38	0
COL11441	COL11442	20.93	0 1-	4ACSR	0	0	343	131	0	0	0	0.00	7.38	0
COL11440	COL11411	20.83	2 1-	4ACSR	0	0	347	131	10	1	1	0.00	7.39	0
COL11439	COL11440	20.85	2 1-	4ACSR	0	0	346	131	10	1	1	0.00	7.39	0
COL11379	COL11439	20.91	0 1-	4ACSR	0	0	344	131	0	0	0	0.00	7.39	0
COL11378	COL11373	20.75	0 1-	4ACSR	0	0	351	132	0	0	0	0.00	7.35	0
COL11434	COL11372	20.65	2 1-	4ACSR	0	0	355	133	11	1	1	0.01	7.32	0
COL11436	COL11434	20.72	2 1-	4ACSR	0	0	352	132	11	1	1	0.01	7.33	0
COL11435	COL11436	20.78	2 1-	4ACSR	0	0	349	132	11	1	1	0.00	7.33	0
COL11433	COL11434	20.72	0 1-	4ACSR	0	0	352	132	0	0	0	0.00	7.32	0
COL11383	COL11407	20.20	1 1-	4ACSR	0	0	377	136	3	0	0	0.00	7.11	0
COL11448	COL11402	19.58	2 1-	4ACSR	0	0	411	140	20	2	2	0.03	6.69	0
OC1801175040	COL11448	19.58	2 1-	20 N FUSE	0	0	411	140	20	2	14	0.00	6.69	0
COL11365	OC1801175040	19.68	2 1-	4ACSR	0	0	406	140	20	2	2	0.01	6.70	0
COL11367	COL11365	20.10	2 1-	4ACSR	0	0	382	136	20	2	2	0.05	6.75	0
COL11393	COL11367	20.22	2 1-	4ACSR	0	0	376	136	20	2	2	0.02	6.77	0
COL11388	COL11393	20.32	2 1-	4ACSR	0	0	371	135	20	2	2	0.01	6.78	0
COL11392	COL11388	20.38	1 1-	4ACSR	0	0	368	135	10	1	1	0.00	6.78	0
COL11389	COL11392	20.43	1 1-	4ACSR	0	0	366	134	10	1	1	0.00	6.78	0
COL11391	COL11389	20.52	1 1-	4ACSR	0	0	362	134	10	1	1	0.01	6.79	0
COL11390	COL11391	20.64	1 1-	4ACSR	0	0	356	133	10	1	1	0.00	6.79	0
COL11385	COL11367	20.44	0 1-	4ACSR	0	0	365	134	0	0	0	0.00	6.75	0
COL11387	COL11385	20.56	0 1-	4ACSR	0	0	360	133	0	0	0	0.00	6.75	0
COL11386	COL11387	20.60	0 1-	4ACSR	0	0	358	133	0	0	0	0.00	6.75	0
COL11366	COL11365	20.06	0 1-	4ACSR	0	0	385	137	0	0	0	0.00	6.70	0
COL11374	OC1801175040	19.68	0 1-	4ACSR	0	0	406	140	0	0	0	0.00	6.69	0
COL11432	COL11400	19.17	3 1-	4ACSR	0	0	437	144	6	0	1	0.01	6.38	0
COL11431	COL11432	19.20	2 1-	4ACSR	0	0	435	143	4	0	0	0.00	6.38	0
COL11377	COL11369	18.91	1 1-	4ACSR	0	0	455	146	3	0	0	0.00	6.20	0
COL11109	COL11107	17.81	3 1-	4ACSR	0	0	543	155	11	1	1	0.00	5.10	0
COL11110	COL11109	17.90	3 1-	4ACSR	0	0	535	155	11	1	1	0.01	5.10	0
COL11028	COL11110	18.01	1 1-	2ACSR	0	0	527	154	9	1	1	0.00	5.10	0
COL11108	COL11110	18.17	2 1-	4ACSR	0	0	512	152	2	0	0	0.00	5.10	0
COL11019	COL11108	18.31	1 1-	4ACSR	0	0	500	151	0	0	0	0.00	5.10	0
COL11018	COL11108	18.29	1 1-	4ACSR	0	0	502	151	2	0	0	0.00	5.10	0
COL11017	COL11108	18.29	0 1-	4ACSR	0	0	502	151	0	0	0	0.00	5.10	0
COL11104	COL11106	17.74	1 1-	4ACSR	0	0	549	156	0	0	0	0.00	4.96	0
COL11105	COL11104	17.81	1 1-	4ACSR	0	0	543	155	0	0	0	0.00	4.96	0
COL11160+	COL11061	17.02	35 1-	4ACSR	0	0	497	244	290	20	14	0.00	3.88	0
OC311+	COL11160	17.02	35 1-	35 E OCR	0	0	497	244	290	20	57	0.00	3.88	0
COL11161+	OC311	17.29	35 1-	4ACSR	0	0	486	240	290	20	14	0.12	4.00	57
COL11062+	COL11161	17.35	34 1-	4ACSR	0	0	484	240	280	19	14	0.02	4.02	10
COL11063+	COL11062	17.41	33 1-	4ACSR	0	0	481	239	271	18	13	0.03	4.05	11
COL11065+	COL11063	17.46	31 1-	4ACSR	0	0	479	239	257	17	13	0.02	4.07	9
COL11027+	COL11065	17.49	1 1-	2ACSR	0	0	478	238	4	0	0	0.00	4.07	0
COL11066+	COL11065	17.52	28 1-	4ACSR	0	0	477	238	239	16	12	0.02	4.09	8
COL11064+	COL11066	17.55	28 1-	4ACSR	0	0	476	238	239	16	12	0.01	4.10	5
COL11067+	COL11064	17.63	28 1-	4ACSR	0	0	473	237	239	16	12	0.03	4.13	12
COL11068+	COL11067	17.72	28 1-	4ACSR	0	0	469	236	239	16	12	0.04	4.16	14
COL10990+	COL11068	17.83	28 1-	4ACSR	0	0	465	234	239	16	12	0.04	4.20	16
COL10991+	COL10990	17.97	28 1-	4ACSR	0	0	460	233	239	16	12	0.05	4.25	20
COL11137+	COL10991	18.21	17 1-	2ACSR	0	0	453	231	172	11	7	0.04	4.30	11

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11135+	CO11137	18.27	2 1-	2ACSR	0	0	451	231	26	1	1	0.00	4.30	0
CO11136+	CO11135	18.40	2 1-	2ACSR	0	0	447	230	26	1	1	0.00	4.30	0
CO11138+	CO11137	18.32	14 1-	2ACSR	0	0	450	230	132	9	5	0.02	4.31	3
CO11025+	CO11138	18.41	1 1-	2ACSR	0	0	447	229	13	0	0	0.00	4.31	0
CO11139+	CO11138	18.44	13 1-	2ACSR	0	0	446	229	120	8	5	0.02	4.33	3
CO11130+	CO11139	18.49	1 1-	2ACSR	0	0	445	229	11	0	0	0.00	4.33	0
CO11131+	CO11130	18.53	1 1-	2ACSR	0	0	444	229	11	0	0	0.00	4.33	0
CO11029+	CO11130	18.53	0 1-	2ACSR	0	0	444	229	0	0	0	0.00	4.33	0
CO11140+	CO11139	18.56	11 1-	2ACSR	0	0	443	228	109	7	4	0.01	4.34	0
CO11128+	CO11140	18.63	10 1-	2ACSR	0	0	441	228	93	6	4	0.01	4.35	0
CO11129+	CO11128	18.67	8 1-	2ACSR	0	0	440	228	73	5	3	0.00	4.35	0
CO11024+	CO11129	18.73	4 1-	2ACSR	0	0	438	227	48	3	2	0.00	4.35	0
CO11132+	CO11024	18.78	4 1-	2ACSR	0	0	437	227	48	3	2	0.00	4.36	0
CO11023+	CO11132	18.81	2 1-	2ACSR	0	0	436	226	23	1	1	0.00	4.36	0
CO11133+	CO11132	18.86	2 1-	2ACSR	0	0	435	226	25	1	1	0.00	4.36	0
CO11134+	CO11133	18.93	1 1-	2ACSR	0	0	433	226	14	0	1	0.00	4.36	0
CO11141+	CO11134	18.99	1 1-	2ACSR	0	0	432	225	14	0	1	0.00	4.36	0
CO11142+	CO11141	19.02	0 1-	2ACSR	0	0	431	225	0	0	0	0.00	4.36	0
CO11127+	CO11129	18.72	4 1-	2ACSR	0	0	439	227	25	1	1	0.00	4.35	0
CO11126+	CO11127	18.80	2 1-	2ACSR	0	0	436	227	12	0	0	0.00	4.35	0
CO11125+	CO11126	18.88	2 1-	2ACSR	0	0	434	226	12	0	0	0.00	4.35	0
CO11124+	CO11125	18.92	1 1-	2ACSR	0	0	433	226	12	0	0	0.00	4.35	0
CO10992+	CO10991	18.10	10 1-	4ACSR	0	0	455	231	59	4	3	0.01	4.27	0
CO11071+	CO10992	18.22	10 1-	4ACSR	0	0	451	230	59	4	3	0.01	4.28	0
CO11072+	CO11071	18.31	10 1-	4ACSR	0	0	448	229	59	4	3	0.01	4.29	0
CO11007+	CO11072	18.38	0 1-	4ACSR	0	0	445	229	0	0	0	0.00	4.29	0
CO11075+	CO11072	18.35	9 1-	4ACSR	0	0	446	229	56	3	3	0.00	4.29	0
CO11076+	CO11075	18.38	8 1-	4ACSR	0	0	445	229	47	3	2	0.00	4.29	0
CO11077+	CO11076	18.68	8 1-	4ACSR	0	0	435	225	47	3	2	0.02	4.31	0
CO11078+	CO11077	18.73	8 1-	4ACSR	0	0	433	225	47	3	2	0.00	4.32	0
CO11006+	CO11078	18.78	1 1-	4ACSR	0	0	432	224	6	0	0	0.00	4.32	0
CO11079+	CO11078	18.78	5 1-	4ACSR	0	0	432	224	39	2	2	0.00	4.32	0
CO11080+	CO11079	18.84	5 1-	4ACSR	0	0	430	224	39	2	2	0.00	4.32	0
CO11005+	CO11080	18.91	1 1-	4ACSR	0	0	428	223	9	0	0	0.00	4.32	0
CO11083+	CO11080	19.03	1 1-	4ACSR	0	0	424	222	9	0	0	0.00	4.32	0
OC529867064+	CO11083	19.03	0 1-	20 N FUSE	0	0	424	222	0	0	0	0.00	4.32	0
CO11084+	OC529867064	19.22	0 1-	4ACSR	0	0	418	220	0	0	0	0.00	4.32	0
CO11081+	CO11080	18.90	2 1-	2ACSR	0	0	428	223	15	1	1	0.00	4.32	0
CO-1263606689+	CO11081	18.96	1 1-	2ACSR	0	0	427	223	2	0	0	0.00	4.32	0
CO309294455+	CO-1263606689	19.07	1 1-	2ACSR	0	0	424	222	2	0	0	0.00	4.32	0
CO-1631568337+	CO-1263606689	18.97	0 1-	2ACSR	0	0	426	223	0	0	0	0.00	4.32	0
CO11073+	CO11072	18.34	1 1-	4ACSR	0	0	447	229	3	0	0	0.00	4.29	0
CO11074+	CO11073	18.39	1 1-	4ACSR	0	0	445	228	3	0	0	0.00	4.29	0
CO11008+	CO10990	17.94	0 1-	4ACSR	0	0	461	233	0	0	0	0.00	4.20	0
CO11022+	CO11008	18.12	0 1-	4ACSR	0	0	455	231	0	0	0	0.00	4.20	0
CO11070+	CO11022	18.23	0 1-	4ACSR	0	0	451	230	0	0	0	0.00	4.20	0
CO11069+	CO11070	18.31	0 1-	4ACSR	0	0	448	229	0	0	0	0.00	4.20	0
CO11165+	CO11068	17.82	0 1-	4ACSR	0	0	465	235	0	0	0	0.00	4.16	0
CO11058+	CO10998	16.84	3 1-	1/0ACSR	0	0	502	245	15	1	0	0.00	3.85	0
OC1108233472+	CO11058	16.84	2 1-	20 N FUSE	0	0	502	245	6	0	2	0.00	3.85	0
CO11059+	OC1108233472	16.91	2 1-	1/0ACSR	0	0	500	244	6	0	0	0.00	3.85	0
CO11015+	CO11149	16.69	1 1-	1/0ACSR	0	0	507	246	5	0	0	0.00	3.83	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC1731831040+	CO11015	16.69	0 1-	20 N FUSE	0	0	507	246	0	0	0	0.00	3.83	0
CO11016+	CO10997	16.40	2 1-	1/0ACSR	0	0	515	248	7	0	0	0.00	3.79	0
OC2054842813+	CO11016	16.40	0 1-	20 N FUSE	0	0	515	248	0	0	0	0.00	3.79	0
CO11056+	CO11053	16.46	3 1-	4ACSR	0	0	510	246	15	1	1	0.01	3.79	0
OC-324565495+	CO11056	16.46	3 1-	20 N FUSE	0	0	510	246	15	1	5	0.00	3.79	0
CO11057+	OC-324565495	16.53	3 1-	4ACSR	0	0	507	245	15	1	1	0.00	3.79	0
CO11055+	CO11057	16.74	3 1-	4ACSR	0	0	499	243	15	1	1	0.00	3.79	0
CO11054+	CO11055	16.91	3 1-	4ACSR	0	0	491	241	15	1	1	0.00	3.80	0
CO11145+	CO11054	17.04	3 1-	4ACSR	0	0	486	239	15	1	1	0.00	3.80	0
CO11146+	CO11145	17.13	2 1-	4ACSR	0	0	482	238	15	1	1	0.00	3.80	0
CO11147+	CO11146	17.20	1 1-	4ACSR	0	0	480	237	7	0	0	0.00	3.80	0
CO11148+	CO11147	17.26	1 1-	4ACSR	0	0	477	237	7	0	0	0.00	3.80	0
CO11014+	CO11054	17.03	0 1-	4ACSR	0	0	486	239	0	0	0	0.00	3.80	0
CO10976+	CO10808	14.15	19 1-	6ACWC	0	0	594	263	76	5	4	0.00	3.47	0
OC305+	CO10976	14.15	19 1-	25 E OCR	0	0	594	263	76	5	21	0.00	3.47	0
CO10977+	OC305	14.18	19 1-	6ACWC	0	0	592	263	76	5	4	0.00	3.47	0
CO10905+	CO10977	14.24	19 1-	6ACWC	0	0	589	262	76	5	4	0.01	3.48	0
CO10906+	CO10905	14.50	17 1-	6ACWC	0	0	575	259	75	5	4	0.03	3.51	4
CO17114+	CO10906	14.69	17 1-	6ACWC	0	0	565	256	75	5	4	0.02	3.53	3
CO11341+	CO17114	14.83	5 1-	6ACWC	0	0	557	254	17	1	1	0.00	3.54	0
CO11342+	CO11341	14.95	4 1-	6ACWC	0	0	551	253	16	1	1	0.00	3.54	0
CO11340+	CO11342	15.07	1 1-	6ACWC	0	0	545	251	10	0	0	0.00	3.54	0
CO11168+	CO17114	14.74	12 1-	6ACWC	0	0	562	255	58	4	3	0.00	3.54	0
CO17124+	CO11168	14.82	2 1-	2ACSR	0	0	558	255	2	0	0	0.00	3.54	0
CO17123+	CO11168	14.95	10 1-	6ACWC	0	0	551	253	56	3	3	0.02	3.55	0
CO11368+	CO17123	15.12	9 1-	6ACWC	0	0	543	251	54	3	3	0.01	3.57	0
CO11423+	CO11368	15.22	2 1-	6ACWC	0	0	538	249	12	0	1	0.00	3.57	0
CO11384+	CO11423	15.25	1 1-	2ACSR	0	0	536	249	2	0	0	0.00	3.57	0
CO11422+	CO11423	15.26	1 1-	6ACWC	0	0	536	249	9	0	0	0.00	3.57	0
CO11396+	CO11368	15.13	7 1-	6ACWC	0	0	542	251	42	2	2	0.00	3.57	0
CO11395+	CO11396	15.19	6 1-	6ACWC	0	0	539	250	38	2	2	0.00	3.57	0
CO11397+	CO11395	15.32	5 1-	6ACWC	0	0	533	248	37	2	2	0.01	3.58	0
CO11394+	CO11397	15.51	5 1-	6ACWC	0	0	524	246	37	2	2	0.01	3.59	0
CO11421+	CO11394	15.81	2 1-	6ACWC	0	0	510	242	17	1	1	0.01	3.60	0
CO11420+	CO11421	15.86	2 1-	6ACWC	0	0	508	242	17	1	1	0.00	3.60	0
CO11418+	CO11394	15.64	3 1-	6ACWC	0	0	518	244	20	1	1	0.00	3.59	0
CO11417+	CO11418	15.65	1 1-	6ACWC	0	0	517	244	10	0	0	0.00	3.59	0
CO11419+	CO11417	15.72	1 1-	6ACWC	0	0	514	243	10	0	0	0.00	3.59	0
CO11416+	CO17123	15.08	1 1-	6ACWC	0	0	545	251	2	0	0	0.00	3.56	0
CO11415+	CO11416	15.13	1 1-	6ACWC	0	0	542	251	2	0	0	0.00	3.56	0
CO10826+	CO10905	14.31	2 1-	6ACWC	0	0	585	261	1	0	0	0.00	3.48	0
CO10825+	CO10908	13.77	1 1-	1/0ACSR	0	0	610	266	4	0	0	0.00	3.38	0
OC-430383110+	CO10825	13.77	0 1-	20 N FUSE	0	0	610	266	0	0	0	0.00	3.38	0
CO10876+	CO10908	13.72	0 1-	1/0ACSR	0	0	612	266	0	0	0	0.00	3.38	0
OC1099670769+	CO10876	13.72	0 1-	20 N FUSE	0	0	612	266	0	0	0	0.00	3.38	0
CO10877+	OC1099670769	13.79	0 1-	1/0ACSR	0	0	609	266	0	0	0	0.00	3.38	0
CO10966+	CO10900	13.19	2 1-	4ACSR	0	0	635	270	7	0	0	0.00	3.30	0
OC299+	CO10966	13.19	2 1-	10 N FUSE	0	0	635	270	7	0	5	0.00	3.30	0
CO10967+	OC299	13.25	2 1-	4ACSR	0	0	631	269	7	0	0	0.00	3.30	0
CO10958+	CO10967	13.28	1 1-	4ACSR	0	0	630	269	0	0	0	0.00	3.30	0
CO10874+	CO10958	13.46	1 1-	4ACSR	0	0	619	267	0	0	0	0.00	3.30	0
CO10875+	CO10874	13.51	1 1-	4ACSR	0	0	616	266	0	0	0	0.00	3.30	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10824+	CO10958	13.34	0 1-	4ACSR	0	0	626	268	0	0	0	0.00	3.30	0
CO10968+	CO10854	12.63	4 1-	6ACWC	0	0	662	275	24	1	1	0.00	3.20	0
OC300+	CO10968	12.63	4 1-	10 N FUSE	0	0	662	275	24	1	17	0.00	3.20	0
CO10969+	OC300	12.68	4 1-	6ACWC	0	0	659	274	24	1	1	0.00	3.20	0
CO10936+	CO10969	12.73	3 1-	6ACWC	0	0	655	273	13	0	1	0.00	3.20	0
OC253237942+	CO10936	12.73	2 1-	20 N FUSE	0	0	655	273	13	0	4	0.00	3.20	0
CO10903+	OC253237942	13.04	2 1-	6ACWC	0	0	635	269	13	0	1	0.01	3.21	0
CO10904+	CO10903	13.07	2 1-	6ACWC	0	0	633	268	13	0	1	0.00	3.21	0
CO10847+	CO10904	13.16	1 1-	4ACSR	0	0	627	267	0	0	0	0.00	3.21	0
CO10846+	CO10904	13.11	1 1-	4ACSR	0	0	630	268	13	0	1	0.00	3.21	0
CO10807+	CO10854	12.64	16 3-	6ACWC	851	796	661	275	52	1	1	0.00	3.20	0
CO10970+	CO10807	12.65	0 1-	6ACWC	0	0	661	274	0	0	0	0.00	3.20	0
OC301+	CO10970	12.65	0 1-	10 N FUSE	0	0	661	274	0	0	0	0.00	3.20	0
CO10971+	OC301	12.81	0 1-	6ACWC	0	0	650	272	0	0	0	0.00	3.20	0
CO10894+	CO10971	12.90	0 1-	6ACWC	0	0	644	271	0	0	0	0.00	3.20	0
CO10895+	CO10894	13.09	0 1-	6ACWC	0	0	631	268	0	0	0	0.00	3.20	0
CO10964+	CO10807	12.65	16 1-	6ACWC	0	0	661	274	52	3	3	0.00	3.20	0
OC297+	CO10964	12.65	16 1-	25 E OCR	0	0	661	274	52	3	14	0.00	3.20	0
CO10965+	OC297	12.82	16 1-	6ACWC	0	0	650	272	52	3	3	0.01	3.21	0
CO10849+	CO10965	12.87	1 1-	2ACSR	0	0	647	271	13	0	0	0.00	3.21	0
CO10929+	CO10965	12.91	15 1-	6ACWC	0	0	643	271	39	2	2	0.01	3.22	0
CO10932+	CO10929	12.99	14 1-	6ACWC	0	0	638	270	39	2	2	0.00	3.22	0
CO10933+	CO10932	13.09	13 1-	6ACWC	0	0	632	268	28	1	1	0.00	3.23	0
CO10804+	CO10933	13.23	12 1-	6ACWC	0	0	622	266	28	1	1	0.01	3.23	0
CO10822+	CO10804	13.28	2 1-	6ACWC	0	0	620	265	7	0	0	0.00	3.23	0
CO10805+	CO10804	13.42	10 1-	6ACWC	0	0	611	264	21	1	1	0.01	3.24	0
CO10806+	CO10805	13.47	6 1-	6ACWC	0	0	608	263	19	1	1	0.00	3.24	0
CO10939+	CO10806	13.59	3 1-	6ACWC	0	0	600	261	10	0	0	0.00	3.24	0
CO10940+	CO10939	13.66	2 1-	6ACWC	0	0	596	260	5	0	0	0.00	3.24	0
CO10855+	CO10940	13.92	1 1-	6ACWC	0	0	581	257	4	0	0	0.00	3.24	0
CO10818+	CO10806	13.55	1 1-	6ACWC	0	0	603	262	0	0	0	0.00	3.24	0
CO10856+	CO10805	13.56	4 1-	6ACWC	0	0	602	262	2	0	0	0.00	3.24	0
CO10857+	CO10856	13.62	3 1-	6ACWC	0	0	599	261	2	0	0	0.00	3.24	0
CO10858+	CO10857	14.05	3 1-	6ACWC	0	0	574	255	2	0	0	0.00	3.24	0
CO10919+	CO10858	14.14	3 1-	6ACWC	0	0	569	254	2	0	0	0.00	3.24	0
CO10920+	CO10919	14.25	3 1-	6ACWC	0	0	563	253	2	0	0	0.00	3.24	0
CO10820+	CO10920	14.37	0 1-	6ACWC	0	0	557	251	0	0	0	0.00	3.24	0
CO10937+	CO10920	14.41	2 1-	6ACWC	0	0	555	251	1	0	0	0.00	3.24	0
CO10938+	CO10937	14.44	1 1-	6ACWC	0	0	553	250	0	0	0	0.00	3.24	0
CO10925+	CO10938	14.53	1 1-	6ACWC	0	0	548	249	0	0	0	0.00	3.24	0
CO10926+	CO10925	14.65	0 1-	6ACWC	0	0	542	248	0	0	0	0.00	3.24	0
CO10850+	CO10925	14.70	1 1-	2ACSR	0	0	541	248	0	0	0	0.00	3.24	0
CO10889+	CO10920	14.58	1 1-	6ACWC	0	0	546	249	1	0	0	0.00	3.24	0
CO10890+	CO10889	14.66	1 1-	6ACWC	0	0	541	248	1	0	0	0.00	3.24	0
CO10891+	CO10890	14.75	1 1-	6ACWC	0	0	537	247	1	0	0	0.00	3.24	0
CO10819+	CO10891	14.82	1 1-	6ACWC	0	0	534	246	1	0	0	0.00	3.24	0
CO10892+	CO10891	15.15	0 1-	6ACWC	0	0	518	242	0	0	0	0.00	3.24	0
CO10893+	CO10892	15.31	0 1-	6ACWC	0	0	510	240	0	0	0	0.00	3.24	0
CO10821+	CO10933	13.28	1 1-	6ACWC	0	0	620	265	0	0	0	0.00	3.23	0
CO10817+	CO10984	11.55	3 1-	4ACSR	0	0	719	283	12	0	1	0.00	2.98	0
CO10972+	CO10817	11.56	0 1-	4ACSR	0	0	719	283	0	0	0	0.00	2.98	0
OC302+	CO10972	11.56	0 1-	10 N FUSE	0	0	719	283	0	0	0	0.00	2.98	0

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10973+	OC302	11.72	0 1-	4ACSR	0	0	706	281	0	0	0	0.00	2.98	0
CO10860+	CO10973	11.78	0 1-	4ACSR	0	0	701	280	0	0	0	0.00	2.98	0
CO10841+	CO10860	11.84	0 1-	4ACSR	0	0	697	279	0	0	0	0.00	2.98	0
CO10978+	CO10860	11.79	0 1-	4ACSR	0	0	701	279	0	0	0	0.00	2.98	0
CO10842+	CO10817	11.73	2 1-	4ACSR	0	0	705	280	11	0	1	0.00	2.98	0
CO17116+	CO17117	11.43	0 1-	2ACSR	0	0	727	284	0	0	0	0.00	2.94	0
OC-592671931+	CO17116	11.43	0 1-	20 N FUSE	0	0	727	284	0	0	0	0.00	2.94	0
CO11224+	CO11197	10.98	0 1-	4ACSR	0	0	754	288	0	0	0	0.00	2.86	0
OC-1416529679+	CO11224	10.98	0 1-	20 N FUSE	0	0	754	288	0	0	0	0.00	2.86	0
CO11196+	CO11195	10.95	2 1-	4/0ACSR	0	0	759	289	6	0	0	0.00	2.84	0
OC-2053913963+	CO11196	10.95	2 1-	20 N FUSE	0	0	759	289	6	0	2	0.00	2.84	0
CO11232+	OC-2053913963	11.20	1 1-	4ACSR	0	0	737	285	0	0	0	0.00	2.84	0
CO11233+	OC-2053913963	11.04	1 1-	4ACSR	0	0	751	287	6	0	0	0.00	2.85	0
CO11223+	CO11273	10.57	2 1-	4ACSR	0	0	773	289	4	0	0	0.00	2.79	0
OC1296737457+	CO11223	10.57	0 1-	20 N FUSE	0	0	773	289	0	0	0	0.00	2.79	0
CO11194+	CO11193	10.44	3 1-	4ACSR	0	0	780	290	3	0	0	0.00	2.77	0
OC1989544250+	CO11194	10.44	2 1-	20 N FUSE	0	0	780	290	2	0	1	0.00	2.77	0
CO11221+	OC1989544250	10.51	1 1-	4ACSR	0	0	774	289	2	0	0	0.00	2.77	0
CO11220+	OC1989544250	10.61	1 1-	4ACSR	0	0	765	287	0	0	0	0.00	2.77	0
CO11239+	CO11193	10.49	1 1-	2ACSR	0	0	779	290	4	0	0	0.00	2.77	0
OC-1172803069+	CO11239	10.49	0 1-	20 N FUSE	0	0	779	290	0	0	0	0.00	2.77	0
CO11229+	CO11190	10.05	1 1-	4ACSR	0	0	804	293	8	0	0	0.00	2.73	0
OC852918939+	CO11229	10.05	0 1-	20 N FUSE	0	0	804	293	0	0	0	0.00	2.73	0
CO11187+	CO11260	9.42	7 1-	6ACWC	0	0	845	297	38	2	2	0.00	2.65	0
OC-1830737436+	CO11187	9.42	7 1-	20 N FUSE	0	0	845	297	38	2	13	0.00	2.65	0
CO11219+	OC-1830737436	9.49	2 1-	6ACWC	0	0	837	295	14	0	1	0.00	2.65	0
CO11263+	OC-1830737436	9.56	3 1-	6ACWC	0	0	829	294	11	0	1	0.00	2.65	0
CO11264+	CO11263	9.70	3 1-	6ACWC	0	0	815	292	11	0	1	0.00	2.66	0
CO-1045988323+	CO11264	9.84	1 1-	2ACSR	0	0	803	290	4	0	0	0.00	2.66	0
CO11261+	OC-1830737436	9.49	2 1-	6ACWC	0	0	837	295	13	0	1	0.00	2.65	0
CO11262+	CO11261	9.55	1 1-	6ACWC	0	0	831	294	7	0	0	0.00	2.65	0
CO11257+	CO11186	9.35	0 1-	4ACSR	0	0	847	296	0	0	0	0.00	2.63	0
OC53075484+	CO11257	9.35	0 1-	20 N FUSE	0	0	847	296	0	0	0	0.00	2.63	0
CO11258+	OC53075484	9.43	0 1-	4ACSR	0	0	838	295	0	0	0	0.00	2.63	0
CO1553130537+	CO1625430347	9.09	1 1-	2ACSR	0	0	869	299	0	0	0	0.00	2.59	0
CO11254+	CO17115	9.12	2 1-	4/0ACSR	0	0	870	300	18	1	0	0.00	2.58	0
OC-1694079788+	CO11254	9.12	1 1-	20 N FUSE	0	0	870	300	11	0	4	0.00	2.58	0
CO11354+	OC-1694079788	9.25	1 1-	4/0ACSR	0	0	861	299	11	0	0	0.00	2.58	0
CO17052+	CO11354	9.31	1 1-	4/0ACSR	0	0	857	299	11	0	0	0.00	2.58	0
CO10974+	CO10946	8.58	7 1-	4/0ACSR	0	0	909	303	18	1	0	0.00	2.52	0
OC303+	CO10974	8.58	7 1-	10 N FUSE	0	0	909	303	18	1	13	0.00	2.52	0
CO10975+	OC303	8.65	7 1-	4/0ACSR	0	0	903	302	18	1	0	0.00	2.52	0
CO10867+	CO10975	8.99	7 1-	4/0ACSR	0	0	879	300	18	1	0	0.00	2.52	0
CO10865+	CO10867	9.10	6 1-	4/0ACSR	0	0	871	300	12	0	0	0.00	2.52	0
CO10866+	CO10865	9.19	4 1-	4/0ACSR	0	0	866	299	11	0	0	0.00	2.52	0
CO10844+	CO10866	9.23	2 1-	4/0ACSR	0	0	863	299	4	0	0	0.00	2.52	0
CO10923+	CO10866	9.31	1 1-	4/0ACSR	0	0	858	299	7	0	0	0.00	2.52	0
CO10843+	CO10923	9.39	1 1-	4/0ACSR	0	0	852	298	7	0	0	0.00	2.52	0
CO10924+	CO10923	9.42	0 1-	4/0ACSR	0	0	851	298	0	0	0	0.00	2.52	0
CO10845+	CO10867	9.08	1 1-	4ACSR	0	0	868	299	6	0	0	0.00	2.52	0
CO9703+	CO9923	8.11	4 1-	4/0ACSR	0	0	945	306	26	1	1	0.00	2.44	0
OC-1226041511+	CO9703	8.11	2 1-	20 N FUSE	0	0	945	306	11	0	4	0.00	2.44	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9730+	OC-1226041511	8.15	0 1-	4/0ACSR	0	0	942	305	0	0	0	0.00	2.44	0
CO9729+	OC-1226041511	8.22	1 1-	4/0ACSR	0	0	937	305	2	0	0	0.00	2.44	0
CO9926+	OC-1226041511	8.30	1 1-	4/0ACSR	0	0	930	305	8	0	0	0.00	2.44	0
CO9927+	CO9926	8.32	0 1-	4/0ACSR	0	0	928	304	0	0	0	0.00	2.44	0
CO17011+	CO9923	8.07	82 3-	1/0ACSR	1160	1088	947	306	447	10	4	0.00	2.44	3
CO10303+	CO17011	8.08	82 3-	1/0ACSR	1159	1087	947	306	447	10	4	0.00	2.44	0
OC-1067373804+	CO10303	8.08	82 3-	20 N FUSE	1159	1087	947	306	447	10	51	0.00	2.44	0
CO10304+	OC-1067373804	8.09	82 3-	1/0ACSR	1158	1086	946	306	447	10	4	0.00	2.44	0
CO10302+	CO10304	8.23	81 3-	1/0ACSR	1144	1073	932	304	439	10	4	0.01	2.46	8
CO10254+	CO10302	8.26	80 3-	1/0ACSR	1140	1069	929	304	435	9	4	0.00	2.46	0
CO10199+	CO10254	8.37	80 3-	1/0ACSR	1130	1060	919	303	435	9	4	0.01	2.47	6
CO10143+	CO10199	8.40	80 3-	1/0ACSR	1127	1057	916	303	435	9	4	0.00	2.47	0
XFMR183	CO10143	8.40	38 1-	333 KVA 1PH AUT	0	0	805	170	189	12	56	0.40	2.87	0
CO10252	XFMR183	8.58	38 1-	4ACSR	0	0	777	169	189	25	19	0.20	3.07	63
CO10253	CO10252	8.82	37 1-	4ACSR	0	0	739	166	188	25	18	0.29	3.36	88
CO10197	CO10253	8.84	37 1-	4ACSR	0	0	735	166	188	25	18	0.02	3.38	7
CO10144	CO10197	8.92	36 1-	4ACSR	0	0	724	165	178	24	18	0.08	3.47	24
CO10167	CO10144	8.97	0 1-	4ACSR	0	0	717	164	0	0	0	0.00	3.47	0
CO10284	CO10144	9.02	36 1-	4ACSR	0	0	709	164	178	24	18	0.12	3.58	34
CO10285	CO10284	9.04	35 1-	4ACSR	0	0	706	164	175	24	17	0.02	3.60	6
CO10166	CO10285	9.08	1 1-	4ACSR	0	0	701	163	11	1	1	0.00	3.60	0
CO10198	CO10285	9.15	34 1-	4ACSR	0	0	691	163	164	22	16	0.10	3.71	28
CO17025	CO10198	9.27	33 1-	4ACSR	0	0	674	161	161	22	16	0.12	3.83	30
CO11253	CO17025	9.35	32 1-	4ACSR	0	0	663	161	148	20	15	0.07	3.90	18
CO11252	CO11253	9.36	32 1-	4ACSR	0	0	661	160	148	20	15	0.01	3.91	3
CO11251	CO11252	9.47	32 1-	4ACSR	0	0	647	159	148	20	15	0.10	4.01	24
CO11181	CO11251	9.61	30 1-	4ACSR	0	0	629	158	146	20	14	0.13	4.14	31
CO11182	CO11181	9.78	25 1-	4ACSR	0	0	608	156	125	17	12	0.13	4.27	27
CO11217	CO11182	9.85	1 1-	4ACSR	0	0	600	156	0	0	0	0.00	4.27	0
CO11183	CO11182	9.97	24 1-	4ACSR	0	0	586	155	125	17	12	0.15	4.42	31
CO11243	CO11183	10.26	22 1-	4ACSR	0	0	555	152	125	17	12	0.22	4.64	46
CO11184	CO11243	10.75	0 1-	4ACSR	0	0	508	148	0	0	0	0.00	4.64	0
CO11218	CO11243	10.41	2 1-	4ACSR	0	0	539	151	5	0	0	0.00	4.64	0
CO11242	CO11243	10.40	20 1-	4ACSR	0	0	541	151	120	16	12	0.11	4.75	21
CO17121	CO11242	10.69	20 1-	4ACSR	0	0	513	148	120	16	12	0.22	4.97	44
CO11485	CO17121	10.79	3 1-	4ACSR	0	0	504	148	32	4	3	0.01	4.98	0
CO11486	CO11485	10.94	1 1-	4ACSR	0	0	491	146	8	1	1	0.01	4.99	0
CO11536	CO11486	11.01	1 1-	4ACSR	0	0	485	146	8	1	1	0.00	4.99	0
CO11533	CO11536	11.17	1 1-	4ACSR	0	0	473	144	8	1	1	0.01	5.00	0
CO11535	CO11533	11.43	1 1-	4ACSR	0	0	453	142	8	1	1	0.01	5.01	0
OC63733989	CO11535	11.43	1 1-	20 N FUSE	0	0	453	142	8	1	5	0.00	5.01	0
CO11534	OC63733989	11.47	1 1-	4ACSR	0	0	450	142	8	1	1	0.00	5.01	0
CO11471	CO11534	11.52	1 1-	4ACSR	0	0	446	142	8	1	1	0.00	5.01	0
CO11495	CO17121	10.78	17 1-	4ACSR	0	0	505	148	88	12	9	0.04	5.01	6
CO11544	CO11495	10.79	16 1-	4ACSR	0	0	504	148	78	10	8	0.01	5.02	0
CO11545	CO11544	10.96	16 1-	4ACSR	0	0	489	146	78	10	8	0.09	5.10	11
CO11488	CO11545	11.03	1 1-	4ACSR	0	0	483	146	2	0	0	0.00	5.10	0
CO11538	CO11488	11.04	0 1-	4ACSR	0	0	483	145	0	0	0	0.00	5.10	0
CO11539	CO11538	11.28	0 1-	4ACSR	0	0	464	144	0	0	0	0.00	5.10	0
CO11487	CO11545	11.11	15 1-	4ACSR	0	0	477	145	75	10	8	0.07	5.17	9
CO11537	CO11487	11.28	15 1-	4ACSR	0	0	464	143	75	10	8	0.08	5.25	10
OC1266872383	CO11537	11.28	15 1-	20 N FUSE	0	0	464	143	75	10	53	0.00	5.25	0

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17042	OC1266872383	11.32	15 1-	4ACSR	0	0	461	143	75	10	8	0.02	5.27	0
CO10637	CO17042	11.48	14 1-	4ACSR	0	0	449	142	65	9	7	0.07	5.33	7
CO10636	CO10637	11.58	13 1-	4ACSR	0	0	441	141	65	9	7	0.04	5.38	5
CO10562	CO10636	11.62	2 1-	4ACSR	0	0	439	141	9	1	1	0.00	5.38	0
CO10583	CO10636	11.72	11 1-	4ACSR	0	0	432	140	56	7	6	0.05	5.42	4
CO10584	CO10583	11.90	11 1-	4ACSR	0	0	420	139	56	7	6	0.06	5.49	6
CO10662	CO10584	11.99	4 1-	4ACSR	0	0	415	138	29	4	3	0.02	5.50	0
CO1484008182	CO10662	12.03	1 1-	2ACSR	0	0	412	138	10	1	1	0.00	5.51	0
CO-2104999040	CO1484008182	12.07	1 1-	2ACSR	0	0	411	138	10	1	1	0.00	5.51	0
CO-1140292779	CO1484008182	12.08	0 1-	2ACSR	0	0	410	138	0	0	0	0.00	5.51	0
CO10663	CO10662	12.09	3 1-	4ACSR	0	0	408	137	19	2	2	0.01	5.51	0
CO10585	CO10663	12.16	1 1-	4ACSR	0	0	404	137	13	1	1	0.01	5.52	0
CO10586	CO10585	12.30	1 1-	4ACSR	0	0	396	136	13	1	1	0.01	5.53	0
CO10538	CO10584	11.98	7 1-	4ACSR	0	0	415	138	27	3	3	0.01	5.50	0
CO10539	CO10538	12.15	5 1-	4ACSR	0	0	405	137	25	3	3	0.03	5.53	0
CO10616	CO10539	12.23	2 1-	4ACSR	0	0	400	136	12	1	1	0.01	5.53	0
CO10617	CO10616	12.30	1 1-	4ACSR	0	0	396	136	7	0	1	0.00	5.54	0
CO10540	CO10539	12.19	3 1-	4ACSR	0	0	402	137	13	1	1	0.00	5.53	0
CO10563	CO10540	12.31	1 1-	4ACSR	0	0	395	136	9	1	1	0.00	5.54	0
CO10635	CO10540	12.28	2 1-	4ACSR	0	0	397	136	4	0	0	0.00	5.53	0
CO10634	CO10635	12.36	1 1-	4ACSR	0	0	392	135	0	0	0	0.00	5.53	0
CO10564	CO10538	12.05	1 1-	4ACSR	0	0	410	138	2	0	0	0.00	5.50	0
CO11234	CO11183	10.01	0 1-	4ACSR	0	0	582	154	0	0	0	0.00	4.42	0
CO11247	CO11181	9.76	3 1-	4ACSR	0	0	611	157	9	1	1	0.01	4.15	0
CO11248	CO11247	9.83	1 1-	4ACSR	0	0	603	156	5	0	0	0.00	4.15	0
CO11245	CO11181	9.65	2 1-	4ACSR	0	0	624	158	11	1	1	0.00	4.14	0
CO11246	CO11245	9.68	2 1-	4ACSR	0	0	620	157	11	1	1	0.00	4.14	0
CO11244	CO11246	9.75	1 1-	4ACSR	0	0	612	157	9	1	1	0.00	4.15	0
CO11249	CO11251	9.58	2 1-	4ACSR	0	0	633	158	2	0	0	0.00	4.01	0
CO11250	CO11249	9.93	2 1-	4ACSR	0	0	591	155	2	0	0	0.00	4.02	0
CO10229	CO10197	8.89	0 1-	4ACSR	0	0	728	165	0	0	0	0.00	3.38	0
CO10230	CO10229	9.20	0 1-	4ACSR	0	0	683	162	0	0	0	0.00	3.38	0
CO10306+	CO10143	8.41	42 1-	4ACSR	0	0	914	302	247	17	12	0.00	2.47	0
CO10307+	CO10306	8.43	42 1-	4ACSR	0	0	912	302	247	17	12	0.01	2.48	3
XFMR98	CO10307	8.43	42 1-	167 KVA 1PH AUT	0	0	591	167	247	17	147	0.91	3.40	0
CO-230524182	XFMR98	8.47	42 1-	2ACSR	0	0	588	167	247	34	19	0.04	3.44	17
CO-411434699	CO-230524182	8.49	42 1-	2ACSR	0	0	587	167	247	34	19	0.02	3.46	7
OC727317117	CO-411434699	8.49	42 1-	25 H OCR	0	0	587	167	247	34	136	0.00	3.46	0
CO10196	OC727317117	8.59	42 1-	2ACSR	0	0	579	166	247	34	19	0.11	3.57	44
CO10309	CO10196	8.77	41 1-	2ACSR	0	0	566	165	244	33	19	0.18	3.75	71
CO10251	CO10309	8.85	40 1-	2ACSR	0	0	561	164	238	32	18	0.08	3.83	30
CO10250	CO10251	9.05	40 1-	2ACSR	0	0	547	163	238	32	18	0.20	4.03	74
CO10163	CO10250	9.21	1 1-	4ACSR	0	0	535	161	2	0	0	0.00	4.03	0
CO10162	CO10250	9.13	1 1-	4ACSR	0	0	541	162	2	0	0	0.00	4.03	0
CO10168	CO10250	9.09	1 1-	4ACSR	0	0	544	162	7	0	1	0.00	4.03	0
CO10195	CO10250	9.27	32 1-	2ACSR	0	0	532	161	213	29	16	0.20	4.23	69
CO10287	CO10195	9.35	32 1-	2ACSR	0	0	527	160	212	29	16	0.07	4.31	25
CO10286	CO10287	9.46	32 1-	2ACSR	0	0	520	160	212	29	16	0.10	4.41	33
CO10194	CO10286	9.52	32 1-	2ACSR	0	0	516	159	212	29	16	0.06	4.47	20
OC361561781	CO10194	9.52	32 1-	20 N FUSE	0	0	516	159	212	29	148	0.00	4.47	0
CO10193	OC361561781	9.59	32 1-	2ACSR	0	0	512	159	212	29	16	0.06	4.52	19
CO10192	CO10193	9.72	31 1-	2ACSR	0	0	503	158	211	29	16	0.12	4.64	40

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10293	CO10192	9.81	30 1-	2ACSR	0	0	498	157	206	28	16	0.08	4.72	24
CO10182	CO10293	9.87	1 1-	4ACSR	0	0	494	157	0	0	0	0.00	4.72	0
CO10292	CO10293	9.84	26 1-	2ACSR	0	0	496	157	183	25	14	0.02	4.74	6
CO10243	CO10292	9.93	25 1-	2ACSR	0	0	491	156	175	24	14	0.07	4.81	19
CO10191	CO10243	9.98	25 1-	2ACSR	0	0	488	156	175	24	14	0.04	4.85	12
CO10141	CO10191	10.08	24 1-	2ACSR	0	0	482	155	165	23	13	0.07	4.91	17
CO10159	CO10141	10.29	0 1-	4ACSR	0	0	468	153	0	0	0	0.00	4.91	0
CO10146	CO10141	10.14	22 1-	2ACSR	0	0	479	155	149	20	12	0.04	4.95	9
CO10204	CO10146	10.20	21 1-	2ACSR	0	0	476	155	143	20	11	0.04	4.99	8
CO10203	CO10204	10.34	21 1-	2ACSR	0	0	468	154	143	20	11	0.09	5.07	20
CO10202	CO10203	10.38	20 1-	2ACSR	0	0	466	153	142	19	11	0.02	5.10	6
CO10291	CO10202	10.52	20 1-	2ACSR	0	0	458	153	142	19	11	0.08	5.18	19
CO10290	CO10291	10.55	19 1-	2ACSR	0	0	456	152	141	19	11	0.02	5.20	5
CO10201	CO10290	10.62	19 1-	2ACSR	0	0	453	152	141	19	11	0.05	5.25	10
CO10200	CO10201	10.82	19 1-	2ACSR	0	0	443	151	141	19	11	0.12	5.37	27
CO10242	CO10200	10.84	17 1-	2ACSR	0	0	442	151	121	16	9	0.01	5.38	0
CO10241	CO10242	10.87	17 1-	2ACSR	0	0	440	150	121	16	9	0.01	5.39	2
CO-719455691	CO10241	10.92	1 1-	2ACSR	0	0	438	150	10	1	1	0.00	5.39	0
CO10205	CO10241	10.92	16 1-	2ACSR	0	0	438	150	111	15	9	0.03	5.42	5
CO10208	CO10205	10.96	15 1-	2ACSR	0	0	436	150	109	15	8	0.02	5.44	3
CO10207	CO10208	11.16	15 1-	2ACSR	0	0	426	149	109	15	8	0.09	5.53	16
CO10206	CO10207	11.25	15 1-	2ACSR	0	0	422	148	108	15	8	0.04	5.57	7
CO10190	CO10206	11.31	13 1-	2ACSR	0	0	419	148	95	13	7	0.03	5.60	4
CO17024	CO10190	11.38	13 1-	2ACSR	0	0	416	147	95	13	7	0.03	5.63	5
CO10534	CO17024	11.44	10 1-	2ACSR	0	0	413	147	79	11	6	0.02	5.65	3
CO10672	CO10534	11.51	7 1-	2ACSR	0	0	410	146	52	7	4	0.01	5.66	0
CO10671	CO10672	11.51	7 1-	2ACSR	0	0	410	146	52	7	4	0.00	5.66	0
CO10576	CO10671	11.53	0 1-	2ACSR	0	0	409	146	0	0	0	0.00	5.66	0
CO10535	CO10671	11.63	7 1-	4ACSR	0	0	404	145	52	7	5	0.04	5.70	3
CO10649	CO10535	11.67	6 1-	4ACSR	0	0	402	145	39	5	4	0.01	5.71	0
CO10650	CO10649	11.74	5 1-	4ACSR	0	0	398	144	35	4	4	0.02	5.73	0
CO10541	CO10650	11.81	4 1-	4ACSR	0	0	395	144	34	4	3	0.01	5.74	0
CO10647	CO10541	11.83	3 1-	4ACSR	0	0	394	144	34	4	3	0.00	5.74	0
CO10648	CO10647	11.97	2 1-	4ACSR	0	0	387	143	20	2	2	0.01	5.75	0
CO10646	CO10648	12.14	1 1-	4ACSR	0	0	379	141	2	0	0	0.00	5.75	0
CO10554	CO10541	11.89	1 1-	4ACSR	0	0	391	143	0	0	0	0.00	5.74	0
CO10565	CO10650	11.79	1 1-	4ACSR	0	0	396	144	1	0	0	0.00	5.73	0
CO10555	CO10535	11.69	1 1-	4ACSR	0	0	401	145	13	1	1	0.00	5.70	0
CO10536	CO10534	11.49	3 1-	4ACSR	0	0	411	146	27	3	3	0.01	5.65	0
OC-1987291966	CO10536	11.49	2 1-	20 N FUSE	0	0	411	146	21	2	15	0.00	5.65	0
CO10556	OC-1987291966	11.59	1 1-	4ACSR	0	0	405	146	10	1	1	0.00	5.66	0
CO10580	OC-1987291966	11.63	1 1-	4ACSR	0	0	403	145	11	1	1	0.01	5.66	0
CO17023	CO10580	11.71	1 1-	4ACSR	0	0	399	145	11	1	1	0.01	5.67	0
CO10233	CO17023	11.81	0 1-	4ACSR	0	0	394	144	0	0	0	0.00	5.67	0
OC-393571730	CO10233	11.81	0 1-	20 N FUSE	0	0	394	144	0	0	0	120.33	126.00	0
CO10308	CO17023	11.76	1 1-	4ACSR	0	0	397	144	11	1	1	0.00	5.67	0
CO17028	CO10308	11.87	1 1-	4ACSR	0	0	391	143	11	1	1	0.01	5.68	0
CO10618	CO17028	11.92	1 1-	4ACSR	0	0	389	143	11	1	1	0.00	5.68	0
CO10619	CO10618	11.99	1 1-	4ACSR	0	0	385	142	11	1	1	0.01	5.69	0
CO10620	CO10619	12.05	1 1-	4ACSR	0	0	383	142	11	1	1	0.00	5.69	0
CO10558	CO17024	11.42	2 1-	4ACSR	0	0	414	147	8	1	1	0.00	5.63	0
CO10557	CO17024	11.43	1 1-	4ACSR	0	0	413	147	8	1	1	0.00	5.63	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10172	CO10206	11.32	1 1-	4ACSR	0	0	418	147	5	0	0	0.00	5.57	0
CO10231	CO10206	11.29	1 1-	4ACSR	0	0	420	148	8	1	1	0.00	5.57	0
CO10232	CO10231	11.34	1 1-	4ACSR	0	0	417	147	8	1	1	0.00	5.57	0
CO10171	CO10205	10.96	0 1-	4ACSR	0	0	435	150	0	0	0	0.00	5.42	0
CO10244	CO10200	10.89	2 1-	4ACSR	0	0	439	150	20	2	2	0.01	5.37	0
CO10245	CO10244	10.93	1 1-	4ACSR	0	0	436	150	11	1	1	0.00	5.38	0
CO10246	CO10245	11.10	1 1-	4ACSR	0	0	427	148	11	1	1	0.01	5.39	0
CO-1113532503	CO10246	11.44	1 1-	2ACSR	0	0	411	146	11	1	1	0.01	5.40	0
CO10184	CO10291	10.54	1 1-	2ACSR	0	0	457	152	1	0	0	0.00	5.18	0
CO10170	CO10146	10.19	1 1-	6ACWC	0	0	476	155	6	0	1	0.00	4.95	0
CO10161	CO10191	10.06	0 1-	4ACSR	0	0	483	155	0	0	0	0.00	4.85	0
CO10160	CO10191	10.05	1 1-	4ACSR	0	0	483	155	9	1	1	0.00	4.85	0
CO10227	CO10193	9.73	1 1-	4ACSR	0	0	502	157	1	0	0	0.00	4.52	0
CO10228	CO10227	9.82	0 1-	4ACSR	0	0	495	157	0	0	0	0.00	4.52	0
CO10247	CO10250	9.10	4 1-	4ACSR	0	0	543	162	12	1	1	0.00	4.03	0
CO10248	CO10247	9.26	2 1-	4ACSR	0	0	530	160	0	0	0	0.00	4.03	0
CO10249	CO10248	9.57	1 1-	4ACSR	0	0	508	157	0	0	0	0.00	4.03	0
CO10164	OC727317117	8.58	0 1-	4ACSR	0	0	579	166	0	0	0	0.00	3.46	0
CO10165+	CO10199	8.44	0 1-	4ACSR	0	0	909	302	0	0	0	0.00	2.47	0
CO9920+	CO9919	7.87	3 1-	4/0ACSR	0	0	964	307	3	0	0	0.00	2.40	0
OC-845531705+	CO9920	7.87	3 1-	20 N FUSE	0	0	964	307	3	0	1	0.00	2.40	0
CO9921+	OC-845531705	7.92	3 1-	4/0ACSR	0	0	961	307	3	0	0	0.00	2.40	0
CO9908+	CO9907	7.76	3 1-	4/0ACSR	0	0	974	308	0	0	0	0.00	2.36	0
OC-468346150+	CO9908	7.76	1 1-	20 N FUSE	0	0	974	308	0	0	0	0.00	2.36	0
CO9909+	OC-468346150	7.86	1 1-	4/0ACSR	0	0	966	307	0	0	0	0.00	2.36	0
CO9910+	CO9909	7.95	1 1-	4/0ACSR	0	0	958	307	0	0	0	0.00	2.36	0
CO9728+	CO9702	7.11	0 1-	4/0ACSR	0	0	1033	312	0	0	0	0.00	2.23	0
CO9898+	CO9699	6.65	3 1-	4/0ACSR	0	0	1079	314	5	0	0	0.00	2.13	0
OC1542534065+	CO9898	6.65	3 1-	20 N FUSE	0	0	1079	314	5	0	2	0.00	2.13	0
CO9899+	OC1542534065	6.73	2 1-	4/0ACSR	0	0	1071	314	0	0	0	0.00	2.13	0
CO9900+	CO9899	6.80	2 1-	4/0ACSR	0	0	1064	313	0	0	0	0.00	2.13	0
CO1827014274+	CO9900	6.86	1 1-	2ACSR	0	0	1056	313	0	0	0	0.00	2.13	0
CO9725+	OC1542534065	6.77	1 1-	4/0ACSR	0	0	1067	314	5	0	0	0.00	2.13	0
CO9865+	CO9932	5.92	20 1-	6ACWC	0	0	1160	318	91	6	4	0.00	1.99	0
OC1473346288+	CO9865	5.92	20 1-	35 L OCR	0	0	1160	318	91	6	18	0.00	1.99	0
CO9866+	OC1473346288	5.95	20 1-	6ACWC	0	0	1155	318	91	6	4	0.00	1.99	0
CO9867+	CO9866	6.10	20 1-	6ACWC	0	0	1126	315	91	6	4	0.02	2.01	3
CO9868+	CO9867	6.18	20 1-	6ACWC	0	0	1109	313	91	6	4	0.01	2.03	0
CO9869+	CO9868	6.24	19 1-	6ACWC	0	0	1099	312	88	6	4	0.01	2.03	0
CO9870+	CO9869	6.47	18 1-	6ACWC	0	0	1058	308	85	5	4	0.03	2.06	4
CO9871+	CO9870	6.54	16 1-	6ACWC	0	0	1046	307	77	5	4	0.01	2.07	0
CO9698+	CO9871	6.68	14 1-	6ACWC	0	0	1022	304	76	5	4	0.02	2.08	0
CO9872+	CO9698	6.75	12 1-	6ACWC	0	0	1011	303	62	4	3	0.01	2.09	0
CO9873+	CO9872	6.78	12 1-	6ACWC	0	0	1006	303	62	4	3	0.00	2.09	0
CO9874+	CO9873	7.03	11 1-	6ACWC	0	0	966	298	59	4	3	0.02	2.12	2
CO9875+	CO9874	7.19	10 1-	6ACWC	0	0	943	296	59	3	3	0.01	2.13	0
CO9877+	CO9875	7.31	2 1-	2ACSR	0	0	928	294	8	0	0	0.00	2.13	0
CO9878+	CO9877	7.45	1 1-	2ACSR	0	0	912	292	8	0	0	0.00	2.13	0
CO9876+	CO9875	7.22	7 1-	6ACWC	0	0	938	295	50	3	2	0.00	2.13	0
CO9879+	CO9876	7.30	7 1-	6ACWC	0	0	926	294	50	3	2	0.01	2.14	0
CO9880+	CO9879	7.34	6 1-	6ACWC	0	0	921	293	46	3	2	0.00	2.14	0
CO9881+	CO9880	7.38	6 1-	6ACWC	0	0	915	292	46	3	2	0.00	2.14	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9882+	CO9881	7.49	4 1-	6ACWC	0	0	900	291	33	2	2	0.01	2.15	0
CO9757+	CO9882	7.54	1 1-	2ACSR	0	0	895	290	13	0	0	0.00	2.15	0
CO9756+	CO9882	7.52	1 1-	2ACSR	0	0	897	290	15	0	1	0.00	2.15	0
CO9883+	CO9882	7.54	2 1-	6ACWC	0	0	893	290	6	0	0	0.00	2.15	0
CO9884+	CO9883	7.60	2 1-	6ACWC	0	0	886	289	6	0	0	0.00	2.15	0
CO9722+	CO9884	7.64	1 1-	6ACWC	0	0	880	288	4	0	0	0.00	2.15	0
CO9732+	CO9884	7.65	1 1-	4ACSR	0	0	878	288	2	0	0	0.00	2.15	0
CO9885+	CO9884	7.64	0 1-	6ACWC	0	0	880	288	0	0	0	0.00	2.15	0
CO9886+	CO9885	7.82	0 1-	6ACWC	0	0	857	285	0	0	0	0.00	2.15	0
CO17014+	CO9886	7.91	0 1-	6ACWC	0	0	845	284	0	0	0	0.00	2.15	0
CO10918+	CO17014	8.15	0 1-	6ACWC	0	0	817	280	0	0	0	0.00	2.15	0
CO9723+	CO9885	7.68	0 1-	6ACWC	0	0	874	287	0	0	0	0.00	2.15	0
CO9724+	CO9698	6.73	1 1-	1/0ACSR	0	0	1017	304	9	0	0	0.00	2.08	0
CO9721+	CO9871	6.61	1 1-	6ACWC	0	0	1034	306	0	0	0	0.00	2.07	0
CO9887+	CO9932	5.96	8 1-	4ACSR	0	0	1152	318	37	2	2	0.00	1.99	0
CO9888+	CO9887	6.02	5 1-	4ACSR	0	0	1141	316	16	1	1	0.00	1.99	0
CO9889+	CO9888	6.05	4 1-	4ACSR	0	0	1135	316	12	0	1	0.00	1.99	0
CO9890+	CO9889	6.08	2 1-	4ACSR	0	0	1129	315	6	0	0	0.00	1.99	0
CO9891+	CO9890	6.15	1 1-	4ACSR	0	0	1115	314	0	0	0	0.00	1.99	0
CO9750+	CO9813	5.38	3 1-	1/0ACSR	0	0	1236	323	4	0	0	0.00	1.79	0
OC1957242874+	CO9750	5.38	0 1-	20 N FUSE	0	0	1236	323	0	0	0	0.00	1.79	0
CO9814+	CO9712	5.09	1 1-	750 MCM - 42 wi	0	0	1287	326	1	0	0	0.00	1.70	0
OC-670830926+	CO9814	5.09	0 1-	20 N FUSE	0	0	1287	326	0	0	0	0.00	1.70	0
CO9809+	CO9712	5.16	4 1-	1/0ACSR	0	0	1274	325	19	1	1	0.00	1.70	0
OC-1046164198+	CO9809	5.16	2 1-	20 N FUSE	0	0	1274	325	12	0	4	0.00	1.70	0
CO9810+	OC-1046164198	5.26	2 1-	1/0ACSR	0	0	1256	324	12	0	0	0.00	1.70	0
CO9808+	CO9712	5.10	0 1-	1/0ACSR	0	0	1285	325	0	0	0	0.00	1.70	0
CO9806+	CO9805	5.07	5 1-	1/0ACSR	0	0	1289	326	21	1	1	0.00	1.66	0
OC-287748191+	CO9806	5.07	2 1-	20 N FUSE	0	0	1289	326	6	0	2	0.00	1.66	0
CO9807+	OC-287748191	5.12	2 1-	1/0ACSR	0	0	1280	325	6	0	0	0.00	1.66	0
CO9800+	CO9711	4.97	2 1-	1/0ACSR	0	0	1307	327	10	0	0	0.00	1.64	0
OC1787056113+	CO9800	4.97	1 1-	20 N FUSE	0	0	1307	327	6	0	2	0.00	1.64	0
CO9801+	OC1787056113	5.00	1 1-	1/0ACSR	0	0	1301	326	6	0	0	0.00	1.64	0
CO9802+	CO9801	5.19	1 1-	1/0ACSR	0	0	1268	325	6	0	0	0.00	1.64	0
CO9803+	CO9802	5.25	1 1-	1/0ACSR	0	0	1258	324	6	0	0	0.00	1.64	0
CO9751+	CO9796	4.92	4 1-	1/0ACSR	0	0	1317	327	17	1	0	0.00	1.60	0
OC991926163+	CO9751	4.92	0 1-	20 N FUSE	0	0	1317	327	0	0	0	0.00	1.60	0
CO9799+	CO9796	4.94	1 1-	2ACSR	0	0	1310	327	3	0	0	0.00	1.60	0
OC1763992657+	CO9799	4.94	1 1-	20 N FUSE	0	0	1310	327	3	0	1	0.00	1.60	0
CO9797+	OC1763992657	5.02	1 1-	2ACSR	0	0	1293	325	3	0	0	0.00	1.60	0
CO9798+	CO9796	4.92	2 1-	2ACSR	0	0	1314	327	15	0	1	0.00	1.60	0
OC-476052178+	CO9798	4.92	1 1-	20 N FUSE	0	0	1314	327	7	0	2	0.00	1.60	0
CO250122491+	OC-476052178	4.98	1 1-	2ACSR	0	0	1303	326	7	0	0	0.00	1.60	0
CO9793+	CO9792	4.64	4 1-	1/0ACSR	0	0	1371	330	18	1	1	0.00	1.48	0
OC1252484730+	CO9793	4.64	4 1-	20 N FUSE	0	0	1371	330	18	1	6	0.00	1.48	0
CO9754+	OC1252484730	4.67	2 1-	500 MCM ACSR 30	0	0	1367	330	15	1	0	0.00	1.48	0
CO9753+	OC1252484730	4.68	1 1-	4ACSR	0	0	1361	329	2	0	0	0.00	1.48	0
CO9794+	OC1252484730	4.66	1 1-	1/0ACSR	0	0	1366	330	0	0	0	0.00	1.48	0
CO9710+	CO16998	4.59	286 3-	1/0ACSR	1567	1493	1381	331	1295	29	13	0.02	1.46	47
CO17000+	CO9710	4.59	281 3-	1/0ACSR	1566	1492	1380	331	1275	28	13	0.00	1.47	3
OC246+	CO17000	4.59	281 3-	100 E OCR	1566	1492	1380	331	1275	28	29	0.00	1.47	0
CO17001+	OC246	4.71	281 3-	1/0ACSR	1547	1472	1357	329	1275	28	13	0.03	1.49	54

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9242+	CO17001	4.77	280 3-	1/0ACSR	1536	1462	1346	329	1266	28	13	0.01	1.51	28
CO9241+	CO9242	4.87	279 3-	1/0ACSR	1519	1444	1326	328	1263	28	12	0.03	1.53	49
CO16999+	CO9241	5.03	277 3-	1/0ACSR	1492	1416	1296	326	1253	28	12	0.04	1.57	76
CO9789+	CO16999	5.15	275 3-	1/0ACSR	1473	1397	1275	325	1244	28	12	0.03	1.60	54
CO9790+	CO9789	5.41	274 3-	1/0ACSR	1432	1357	1231	322	1237	28	12	0.06	1.67	118
CO9716+	CO9790	5.52	1 1-	1/0ACSR	0	0	1213	321	5	0	0	0.00	1.67	0
OC418945402+	CO9716	5.52	0 1-	20 N FUSE	0	0	1213	321	0	0	0	0.00	1.67	0
CO9785+	CO9790	5.65	272 3-	1/0ACSR	1397	1321	1192	320	1229	27	12	0.06	1.72	107
CO9786+	CO9785	5.72	270 3-	1/0ACSR	1387	1312	1182	319	1225	27	12	0.02	1.74	30
CO9787+	CO9786	5.80	269 3-	1/0ACSR	1376	1301	1170	319	1222	27	12	0.02	1.76	35
CO9788+	CO9787	5.93	269 3-	1/0ACSR	1357	1282	1150	317	1222	27	12	0.03	1.79	61
CO9758+	CO9788	5.97	1 1-	2ACSR	0	0	1143	317	3	0	0	0.00	1.79	0
OC-273738093+	CO9758	5.97	0 1-	20 N FUSE	0	0	1143	317	0	0	0	0.00	1.79	0
CO9784+	CO9788	6.01	268 3-	1/0ACSR	1347	1272	1140	317	1219	27	12	0.02	1.81	31
CO9783+	CO9784	6.10	266 3-	1/0ACSR	1334	1259	1126	316	1203	27	12	0.02	1.83	43
CO9782+	CO9783	6.19	266 3-	1/0ACSR	1322	1248	1114	315	1203	27	12	0.02	1.85	36
CO9778+	CO9782	6.23	266 3-	1/0ACSR	1317	1243	1109	314	1202	27	12	0.01	1.86	16
CO9779+	CO9778	6.26	265 3-	1/0ACSR	1313	1239	1105	314	1195	27	12	0.01	1.87	13
CO9780+	CO9779	6.29	265 3-	1/0ACSR	1310	1236	1101	314	1195	27	12	0.01	1.87	12
CO9781+	CO9780	6.40	265 3-	1/0ACSR	1295	1222	1086	313	1195	27	12	0.03	1.90	48
CO9720+	CO9781	6.45	0 1-	1/0ACSR	0	0	1080	312	0	0	0	0.00	1.90	0
CO9719+	CO9781	6.44	0 1-	1/0ACSR	0	0	1080	312	0	0	0	0.00	1.90	0
OC909631188+	CO9719	6.44	0 1-	20 N FUSE	0	0	1080	312	0	0	0	0.00	1.90	0
CO9775+	CO9781	6.53	265 3-	1/0ACSR	1279	1206	1069	312	1194	27	12	0.03	1.93	56
CO9776+	CO9775	6.59	265 3-	1/0ACSR	1271	1199	1062	311	1194	27	12	0.01	1.95	25
CO9777+	CO9776	6.73	264 3-	1/0ACSR	1254	1182	1044	310	1186	27	12	0.03	1.98	60
CO9773+	CO9777	6.83	263 3-	1/0ACSR	1242	1171	1032	309	1177	26	12	0.02	2.00	41
CO9774+	CO9773	6.93	262 3-	1/0ACSR	1230	1159	1020	308	1167	26	12	0.02	2.03	43
CO9928+	CO9774	6.94	37 1-	6ACWC	0	0	1019	308	167	11	8	0.00	2.03	0
OC264+	CO9928	6.94	37 1-	35 H OCR	0	0	1019	308	167	11	33	0.00	2.03	0
CO-1258166927+	OC264	7.07	37 1-	2ACSR	0	0	1003	306	167	11	6	0.02	2.05	6
AU15	CO-1258166927	7.07	37 1-	167 KVA 1PH AUT	0	0	610	168	167	11	99	0.58	2.63	0
CO2075917900	AU15	7.11	36 1-	2ACSR	0	0	606	167	160	21	12	0.03	2.66	8
CO16996	CO2075917900	7.44	36 1-	6ACWC	0	0	578	164	160	21	16	0.32	2.98	83
CO17113	CO16996	7.50	1 1-	6ACWC	0	0	573	163	8	1	1	0.00	2.98	0
CO9221	CO16996	7.49	35 1-	6ACWC	0	0	574	164	151	20	15	0.04	3.02	11
CO9222	CO9221	7.64	35 1-	6ACWC	0	0	561	162	151	20	15	0.14	3.16	35
CO9135	CO9222	7.76	0 1-	6ACWC	0	0	551	161	0	0	0	0.00	3.16	0
CO9231	CO9222	7.83	35 1-	6ACWC	0	0	545	160	151	20	15	0.17	3.34	43
CO9294	CO9231	7.98	31 1-	6ACWC	0	0	533	159	142	19	14	0.13	3.46	29
CO9295	CO9294	8.07	30 1-	6ACWC	0	0	526	158	136	18	13	0.07	3.53	15
CO9228	CO9295	8.14	28 1-	6ACWC	0	0	521	157	125	17	12	0.05	3.58	10
CO9227	CO9228	8.18	26 1-	6ACWC	0	0	517	157	106	14	10	0.03	3.61	5
CO9226	CO9227	8.25	26 1-	6ACWC	0	0	512	156	106	14	10	0.04	3.65	7
CO9225	CO9226	8.34	24 1-	6ACWC	0	0	505	155	94	12	9	0.05	3.71	8
CO9224	CO9225	8.39	23 1-	6ACWC	0	0	501	155	90	12	9	0.03	3.73	4
CO9326	CO9224	8.43	21 1-	6ACWC	0	0	498	154	83	11	8	0.02	3.75	2
CO9328	CO9326	8.43	0 1-	6ACWC	0	0	498	154	0	0	0	0.00	3.75	0
CO9327	CO9328	8.51	0 1-	6ACWC	0	0	492	154	0	0	0	0.00	3.75	0
CO9137	CO9326	8.55	21 1-	6ACWC	0	0	490	153	83	11	8	0.06	3.81	8
CO9138	CO9137	8.66	20 1-	6ACWC	0	0	481	152	83	11	8	0.06	3.87	8
CO9160	CO9138	8.73	1 1-	4ACSR	0	0	476	152	5	0	1	0.00	3.87	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO9139	CO9138	8.82	19 1-	6ACWC	0	0	470	151	78	10	8	0.07	3.95	10
CO9141	CO9139	8.96	17 1-	6ACWC	0	0	461	150	66	9	7	0.06	4.00	6
CO9329	CO9141	9.22	0 1-	6ACWC	0	0	444	147	0	0	0	0.00	4.00	0
CO9232	CO9329	9.32	0 1-	6ACWC	0	0	438	147	0	0	0	0.00	4.00	0
CO9233	CO9141	9.02	13 1-	6ACWC	0	0	457	149	61	8	6	0.02	4.02	0
CO9296	CO9233	9.06	12 1-	6ACWC	0	0	454	149	58	7	6	0.01	4.04	0
CO9297	CO9296	9.11	11 1-	6ACWC	0	0	451	148	50	6	5	0.02	4.05	0
CO9234	CO9297	9.13	11 1-	6ACWC	0	0	450	148	50	6	5	0.01	4.06	0
CO9172	CO9234	9.23	1 1-	6ACWC	0	0	444	147	9	1	1	0.00	4.06	0
CO9235	CO9234	9.17	9 1-	4ACSR	0	0	447	148	35	4	3	0.01	4.07	0
CO9236	CO9235	9.26	8 1-	4ACSR	0	0	441	147	33	4	3	0.02	4.09	0
CO9237	CO9236	9.28	8 1-	4ACSR	0	0	440	147	33	4	3	0.00	4.09	0
CO9238	CO9237	9.39	7 1-	4ACSR	0	0	434	146	29	4	3	0.02	4.11	0
CO9183	CO9238	9.52	1 1-	4ACSR	0	0	426	145	5	0	1	0.00	4.11	0
CO9239	CO9238	9.45	6 1-	4ACSR	0	0	430	145	24	3	2	0.01	4.12	0
CO9240	CO9239	9.56	5 1-	4ACSR	0	0	423	145	18	2	2	0.01	4.13	0
CO9174	CO9240	9.67	3 1-	6ACWC	0	0	417	144	11	1	1	0.00	4.13	0
CO9173	CO9240	9.80	1 1-	6ACWC	0	0	410	143	6	0	1	0.00	4.13	0
CO594786392	CO9173	9.89	0 1-	2ACSR	0	0	405	142	0	0	0	0.00	4.13	0
CO9159	CO9141	9.06	4 1-	4ACSR	0	0	454	149	5	0	1	0.00	4.00	0
CO9169	CO9139	8.87	2 1-	4ACSR	0	0	467	150	12	1	1	0.00	3.95	0
CO532251188	CO9169	8.98	1 1-	2ACSR	0	0	461	150	4	0	0	0.00	3.95	0
CO9161	CO9137	8.64	0 1-	4ACSR	0	0	483	152	0	0	0	0.00	3.81	0
CO9229	CO9231	7.88	2 1-	6ACWC	0	0	541	160	8	1	1	0.00	3.34	0
CO9230	CO9229	7.94	2 1-	6ACWC	0	0	536	159	8	1	1	0.00	3.34	0
CO9166	CO16996	7.51	0 1-	6ACWC	0	0	571	163	0	0	0	0.00	2.98	0
CO2020280668	AU15	7.15	1 1-	2ACSR	0	0	603	167	8	1	1	0.00	2.63	0
CO9697+	CO9774	7.18	225 3-	1/0ACSR	1201	1131	992	305	999	22	10	0.05	2.07	74
CO9766+	CO9697	7.48	222 3-	1/0ACSR	1169	1101	960	303	985	22	10	0.06	2.13	86
CO9767+	CO9766	7.51	222 3-	1/0ACSR	1166	1098	957	302	984	22	10	0.01	2.14	9
CO16994+	CO9767	7.58	210 3-	1/0ACSR	1158	1090	950	302	921	21	9	0.01	2.15	19
CO9127+	CO16994	7.69	210 3-	1/0ACSR	1147	1080	939	301	920	21	9	0.02	2.17	26
CO9324+	CO9127	7.69	50 1-	4ACSR	0	0	938	301	208	14	10	0.00	2.17	0
OC243+	CO9324	7.69	50 1-	25 E OCR	0	0	938	301	208	14	57	0.00	2.17	0
CO-867656146+	OC243	7.71	50 1-	2ACSR	0	0	936	301	208	14	8	0.00	2.18	0
XFMR107	CO-867656146	7.71	50 1-	167 KVA 1PH AUT	0	0	598	167	208	14	123	0.73	2.91	0
CO-278980305	XFMR107	7.81	50 1-	2ACSR	0	0	590	166	208	28	16	0.09	3.00	29
CO17051	CO-278980305	7.91	50 1-	4ACSR	0	0	582	165	207	28	20	0.12	3.12	39
CO10796	CO17051	7.98	48 1-	4ACSR	0	0	576	164	194	26	19	0.08	3.20	27
CO10689	CO10796	8.09	46 1-	4ACSR	0	0	567	163	175	24	17	0.12	3.32	33
CO10690	CO10689	8.19	44 1-	4ACSR	0	0	559	162	170	23	17	0.11	3.42	30
CO17047	CO10690	8.40	42 1-	4ACSR	0	0	542	160	154	21	15	0.20	3.62	51
CO10887	CO17047	8.47	2 1-	4ACSR	0	0	536	159	6	0	1	0.00	3.63	0
CO10888	CO10887	8.51	1 1-	4ACSR	0	0	533	159	3	0	0	0.00	3.63	0
CO10959	CO17047	8.57	39 1-	4ACSR	0	0	528	158	147	20	15	0.16	3.78	38
CO10960	CO10959	8.61	39 1-	4ACSR	0	0	525	158	147	20	15	0.03	3.82	8
CO10838	CO10960	8.67	1 1-	4ACSR	0	0	520	157	9	1	1	0.00	3.82	0
CO10956	CO10960	8.70	37 1-	4ACSR	0	0	517	157	136	18	13	0.08	3.89	17
CO10957	CO10956	9.11	35 1-	4ACSR	0	0	487	153	130	17	13	0.32	4.22	70
CO917660142	CO10957	9.20	0 1-	2ACSR	0	0	482	153	0	0	0	0.00	4.22	0
CO10815	CO10957	9.23	11 1-	4ACSR	0	0	478	152	47	6	5	0.04	4.26	3
CO10882	CO10815	9.25	3 1-	4ACSR	0	0	477	152	4	0	0	0.00	4.26	0

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

Title: FLEMING - MASON ENERGY COOPERATIVE - KENTUCKY 52 FLEMING - FLEMINGSBURG, KENTUCKY
Case: 2008-2009 CONSTRUCTION WORK PLAN - EXISTING WINTER 2005-06 SYSTEM
Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10883	CO10882	9.29	3 1-	4ACSR	0	0	475	152	4	0	0	0.00	4.26	0
CO10915	CO10815	9.26	8 1-	4ACSR	0	0	477	152	43	5	4	0.01	4.26	0
CO10953	CO10915	9.29	8 1-	4ACSR	0	0	474	152	43	5	4	0.01	4.27	0
CO-1679270719	CO10953	9.40	3 1-	2ACSR	0	0	468	151	15	2	1	0.01	4.28	0
CO1527881020	CO-1679270719	9.49	3 1-	2ACSR	0	0	463	151	15	2	1	0.00	4.28	0
CO10954	CO10953	9.31	4 1-	4ACSR	0	0	473	152	24	3	2	0.00	4.27	0
CO10916	CO10954	9.38	3 1-	4ACSR	0	0	468	151	16	2	2	0.01	4.28	0
CO10917	CO10916	9.49	3 1-	4ACSR	0	0	461	150	16	2	2	0.01	4.29	0
CO10836	CO10917	9.78	1 1-	4ACSR	0	0	442	147	4	0	0	0.00	4.30	0
CO10835	CO10917	9.68	1 1-	4ACSR	0	0	448	148	1	0	0	0.00	4.29	0
CO10834	CO10917	9.59	1 1-	4ACSR	0	0	454	149	11	1	1	0.00	4.30	0
CO10952	CO10954	9.33	1 1-	4ACSR	0	0	471	151	8	1	1	0.00	4.27	0
CO10955	CO10957	9.21	24 1-	4ACSR	0	0	480	152	82	11	8	0.05	4.27	7
CO10961	CO10955	9.27	24 1-	4ACSR	0	0	476	152	82	11	8	0.03	4.30	4
CO10962	CO10961	9.34	22 1-	4ACSR	0	0	471	151	82	11	8	0.04	4.34	5
CO10812	CO10962	9.48	19 1-	4ACSR	0	0	462	150	77	10	8	0.06	4.40	8
CO10909	CO10812	9.51	15 1-	4ACSR	0	0	460	150	64	8	6	0.01	4.42	0
CO10951	CO10909	9.62	13 1-	4ACSR	0	0	452	149	61	8	6	0.04	4.46	4
CO10910	CO10951	9.71	12 1-	4ACSR	0	0	446	148	59	8	6	0.03	4.49	3
CO10830	CO10910	9.78	1 1-	4ACSR	0	0	442	147	8	1	1	0.00	4.49	0
CO10813	CO10910	9.97	11 1-	4ACSR	0	0	431	146	52	7	5	0.08	4.57	7
CO10814	CO10813	10.08	5 1-	4ACSR	0	0	424	145	19	2	2	0.01	4.59	0
CO10947	CO10814	10.15	3 1-	4ACSR	0	0	420	144	9	1	1	0.00	4.59	0
CO10948	CO10947	10.38	2 1-	4ACSR	0	0	406	143	9	1	1	0.01	4.60	0
CO10829	CO10814	10.15	1 1-	4ACSR	0	0	420	144	9	1	1	0.00	4.59	0
CO10941	CO10813	10.29	5 1-	4ACSR	0	0	412	143	33	4	3	0.06	4.63	3
CO10942	CO10941	10.51	4 1-	4ACSR	0	0	399	142	27	3	3	0.04	4.67	0
CO10831	CO10942	10.52	0 1-	4ACSR	0	0	399	141	0	0	0	0.00	4.67	0
CO10943	CO10942	10.56	4 1-	4ACSR	0	0	397	141	27	3	3	0.01	4.68	0
CO10944	CO10943	10.63	3 1-	4ACSR	0	0	393	141	16	2	2	0.00	4.68	0
CO10881	CO10944	10.71	2 1-	4ACSR	0	0	389	140	7	1	1	0.00	4.68	0
CO10911	CO10812	9.92	3 1-	4ACSR	0	0	433	146	10	1	1	0.01	4.42	0
CO10912	CO10911	10.02	2 1-	4ACSR	0	0	427	145	1	0	0	0.00	4.42	0
CO10949	CO10962	9.39	3 1-	4ACSR	0	0	468	151	5	0	0	0.00	4.34	0
CO10950	CO10949	9.53	2 1-	4ACSR	0	0	458	150	2	0	0	0.00	4.34	0
CO10913	CO10950	9.65	2 1-	4ACSR	0	0	450	149	2	0	0	0.00	4.34	0
CO10914	CO10913	9.84	2 1-	4ACSR	0	0	438	147	2	0	0	0.00	4.35	0
CO10833	CO10914	10.16	1 1-	4ACSR	0	0	419	144	2	0	0	0.00	4.35	0
CO10832	CO10914	9.91	1 1-	4ACSR	0	0	434	146	0	0	0	0.00	4.35	0
CO10837	CO17047	8.49	1 1-	4ACSR	0	0	534	159	0	0	0	0.00	3.62	0
CO10794	CO10690	8.21	2 1-	4ACSR	0	0	557	162	16	2	2	0.00	3.43	0
CO10795	CO10794	8.29	1 1-	4ACSR	0	0	550	161	16	2	2	0.00	3.43	0
CO10719	CO10689	8.12	2 1-	4ACSR	0	0	565	163	5	0	0	0.00	3.32	0
CO10765	CO10796	8.04	2 1-	4ACSR	0	0	571	164	19	2	2	0.00	3.21	0
CO10764	CO10765	8.11	1 1-	4ACSR	0	0	565	163	8	1	1	0.00	3.21	0
CO10763	CO10764	8.16	1 1-	4ACSR	0	0	561	163	8	1	1	0.00	3.21	0
CO10762	CO10763	8.25	1 1-	4ACSR	0	0	554	162	8	1	1	0.00	3.21	0
CO9219+	CO9127	7.79	2 1-	1/0ACSR	0	0	929	300	7	0	0	0.00	2.17	0
OC1239366397+	CO9219	7.79	2 1-	20 N FUSE	0	0	929	300	7	0	2	0.00	2.17	0
CO9153+	OC1239366397	7.86	1 1-	1/0ACSR	0	0	923	299	7	0	0	0.00	2.17	0
CO9220+	OC1239366397	7.84	1 1-	1/0ACSR	0	0	924	300	0	0	0	0.00	2.17	0
CO9192+	CO9127	7.96	158 3-	1/0ACSR	1119	1054	912	298	706	16	7	0.04	2.21	42

Substation Power Factor: 0.97 Load Factor: 0.65 Loss Factor: 0.46 Cost: 0.0530 per kWh
Run Date: Page 387

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9193+	CO9192	8.01	158 3-	1/0ACSR	1115	1049	908	298	706	16	7	0.01	2.22	7
CO9154+	CO9193	8.08	1 1-	1/0ACSR	0	0	902	297	1	0	0	0.00	2.22	0
OC366311629+	CO9154	8.08	0 1-	20 N FUSE	0	0	902	297	0	0	0	0.00	2.22	0
CO9292+	CO9193	8.14	156 3-	1/0ACSR	1102	1038	896	297	701	16	7	0.02	2.23	19
CO9293+	CO9292	8.17	155 3-	1/0ACSR	1099	1034	893	297	695	15	7	0.00	2.24	5
CO9134+	CO9293	8.22	112 1-	4ACSR	0	0	887	296	540	37	26	0.04	2.28	37
CO9194+	CO9134	8.26	2 1-	4ACSR	0	0	882	295	11	0	1	0.00	2.28	0
CO9195+	CO9194	8.30	2 1-	4ACSR	0	0	878	295	11	0	1	0.00	2.28	0
CO9196+	CO9134	8.38	110 1-	4ACSR	0	0	868	293	529	36	26	0.12	2.40	104
CO17045+	CO9196	8.57	106 1-	4ACSR	0	0	844	290	512	35	25	0.16	2.56	131
CO17048+	CO17045	8.79	4 1-	4ACSR	0	0	820	286	17	1	1	0.00	2.56	0
OC-1001125630+	CO17048	8.79	2 1-	20 N FUSE	0	0	820	286	6	0	2	0.00	2.56	0
CO9303+	OC-1001125630	8.83	2 1-	4ACSR	0	0	815	286	6	0	0	0.00	2.56	0
CO9302+	CO9303	8.87	1 1-	4ACSR	0	0	810	285	3	0	0	0.00	2.56	0
CO10701+	CO17045	8.63	0 1-	4ACSR	0	0	838	289	0	0	0	0.00	2.56	0
CO10700+	CO17045	8.59	3 1-	4ACSR	0	0	842	290	18	1	1	0.00	2.56	0
CO10799+	CO17045	8.58	99 1-	4ACSR	0	0	844	290	476	32	23	0.00	2.57	4
OC295+	CO10799	8.58	99 1-	50 E OCR	0	0	844	290	476	32	66	0.00	2.57	0
CO10800+	OC295	8.62	99 1-	4ACSR	0	0	839	289	476	32	23	0.03	2.59	21
CO10702+	CO10800	8.68	1 1-	4ACSR	0	0	832	288	0	0	0	0.00	2.59	0
CO10792+	CO10800	8.82	97 1-	4ACSR	0	0	817	286	470	32	23	0.15	2.74	111
CO-990790507+	CO10792	8.86	0 1-	2ACSR	0	0	813	286	0	0	0	0.00	2.74	0
CO10793+	CO10792	8.86	97 1-	4ACSR	0	0	812	285	470	32	23	0.03	2.77	22
OC-1070336848+	CO10793	8.86	97 1-	20 N FUSE	0	0	812	285	470	32	162	0.00	2.77	0
CO10678+	OC-1070336848	9.02	96 1-	4ACSR	0	0	795	283	462	31	23	0.12	2.88	88
CO10790+	CO10678	9.11	3 1-	4ACSR	0	0	785	281	10	0	0	0.00	2.88	0
CO10791+	CO10790	9.17	2 1-	4ACSR	0	0	779	280	9	0	0	0.00	2.89	0
CO10712+	CO10678	9.06	1 1-	4ACSR	0	0	790	282	0	0	0	0.00	2.88	0
CO10679+	CO10678	9.23	92 1-	4ACSR	0	0	773	280	452	31	22	0.15	3.03	110
CO10681+	CO10679	9.42	91 1-	4ACSR	0	0	753	277	452	31	22	0.14	3.17	103
CO10739+	CO10681	9.52	10 1-	4ACSR	0	0	744	275	33	2	2	0.00	3.18	0
CO10738+	CO10739	9.62	9 1-	4ACSR	0	0	735	274	30	2	1	0.00	3.18	0
CO10710+	CO10738	9.74	3 1-	4ACSR	0	0	724	272	11	0	1	0.00	3.18	0
CO10709+	CO10738	9.71	1 1-	4ACSR	0	0	726	272	4	0	0	0.00	3.18	0
CO10758+	CO10738	9.72	4 1-	4ACSR	0	0	725	272	14	0	1	0.00	3.18	0
CO10708+	CO10758	9.82	1 1-	4ACSR	0	0	716	271	3	0	0	0.00	3.18	0
CO10757+	CO10758	9.82	1 1-	4ACSR	0	0	716	271	5	0	0	0.00	3.18	0
CO10682+	CO10681	9.59	81 1-	4ACSR	0	0	737	274	418	28	21	0.11	3.28	74
CO10707+	CO10682	9.67	0 1-	4ACSR	0	0	730	273	0	0	0	0.00	3.28	0
CO10683+	CO10682	9.66	81 1-	4ACSR	0	0	731	273	418	28	21	0.05	3.33	32
CO10788+	CO10683	9.92	2 1-	2ACSR	0	0	712	270	12	0	0	0.00	3.33	0
CO10789+	CO10788	10.02	1 1-	2ACSR	0	0	705	269	10	0	0	0.00	3.33	0
CO10746+	CO10789	10.28	1 1-	2ACSR	0	0	687	267	10	0	0	0.00	3.33	0
CO10724+	CO10683	9.70	1 1-	4ACSR	0	0	727	273	14	0	1	0.00	3.33	0
CO10735+	CO10683	9.85	78 1-	4ACSR	0	0	714	270	392	27	19	0.12	3.44	75
CO10734+	CO10735	9.89	78 1-	4ACSR	0	0	710	270	392	27	19	0.02	3.47	14
CO10786+	CO10734	9.94	76 1-	4ACSR	0	0	706	269	388	26	19	0.03	3.50	19
CO10787+	CO10786	9.99	75 1-	4ACSR	0	0	701	268	382	26	19	0.04	3.53	22
XFMR104	CO10787	9.99	75 1-	333 KVA 1PH AUT	0	0	728	165	382	26	115	0.84	4.37	0
CO10684	XFMR104	10.11	73 1-	4ACSR	0	0	710	163	379	52	38	0.28	4.65	176
RG1949182874	CO10684	10.11	73 1-	DEF	0	0	710	163	378	52	0	0.00	4.65	0
CO17046	RG1949182874	11.03	43 1-	2ACSR	0	0	608	157	282	39	22	1.11	5.76	503

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC748203114	CO17046	11.03	43 1-	20 N FUSE	0	0	608	157	280	39	197	0.00	5.76	0
CO8679	OC748203114	11.12	1 1-	4ACSR	0	0	598	156	8	1	1	0.00	5.76	0
CO8691	OC748203114	11.12	42 1-	2ACSR	0	0	599	157	272	38	21	0.10	5.86	46
CO8692	CO8691	11.24	42 1-	2ACSR	0	0	588	156	272	38	21	0.14	6.00	61
OC-309733071	CO8692	11.24	42 1-	20 N FUSE	0	0	588	156	272	38	191	0.00	6.00	0
CO8675	OC-309733071	11.33	34 1-	2ACSR	0	0	580	155	217	30	17	0.08	6.08	29
CO8681	CO8675	11.41	0 1-	4ACSR	0	0	572	154	0	0	0	0.00	6.08	0
CO8676	CO8675	11.34	34 1-	4ACSR	0	0	579	155	217	30	22	0.02	6.10	6
CO8677	CO8676	11.42	33 1-	4ACSR	0	0	570	154	214	30	22	0.11	6.21	38
CO8678	CO8677	11.47	13 1-	4ACSR	0	0	566	154	72	10	7	0.02	6.23	2
CO8709	CO8678	11.50	10 1-	4ACSR	0	0	562	154	47	6	5	0.01	6.24	0
CO8710	CO8709	11.51	10 1-	4ACSR	0	0	561	154	47	6	5	0.00	6.24	0
CO8711	CO8710	11.52	10 1-	4ACSR	0	0	560	153	47	6	5	0.00	6.24	0
CO8712	CO8711	11.60	9 1-	4ACSR	0	0	552	153	42	5	4	0.02	6.26	0
CO8713	CO8712	11.65	8 1-	4ACSR	0	0	547	152	33	4	3	0.01	6.27	0
CO8714	CO8713	11.76	7 1-	4ACSR	0	0	537	151	23	3	2	0.02	6.29	0
CO8684	CO8714	11.81	2 1-	4ACSR	0	0	531	151	7	1	1	0.00	6.29	0
CO8685	CO8684	11.86	1 1-	4ACSR	0	0	527	150	7	1	1	0.00	6.29	0
CO8715	CO8714	11.79	5 1-	4ACSR	0	0	533	151	16	2	2	0.00	6.29	0
OC-1049073041	CO8715	11.79	5 1-	20 N FUSE	0	0	533	151	16	2	11	0.00	6.29	0
CO8716	OC-1049073041	11.92	5 1-	4ACSR	0	0	521	150	16	2	2	0.01	6.30	0
CO8717	CO8716	12.10	5 1-	4ACSR	0	0	505	148	16	2	2	0.01	6.32	0
CO8718	CO8717	12.20	3 1-	4ACSR	0	0	496	148	6	0	1	0.00	6.32	0
CO8690	CO8718	12.27	0 1-	2ACSR	0	0	492	147	0	0	0	0.00	6.32	0
CO8719	CO8718	12.30	2 1-	4ACSR	0	0	488	147	3	0	0	0.00	6.32	0
CO8720	CO8719	12.40	1 1-	4ACSR	0	0	480	146	1	0	0	0.00	6.32	0
CO8721	CO8720	12.45	1 1-	4ACSR	0	0	476	145	1	0	0	0.00	6.32	0
CO8722	CO8721	12.84	1 1-	4ACSR	0	0	447	142	1	0	0	0.00	6.32	0
CO8683	CO8722	12.98	0 1-	4ACSR	0	0	437	141	0	0	0	0.00	6.32	0
CO8682	CO8722	13.00	0 1-	4ACSR	0	0	435	141	0	0	0	0.00	6.32	0
CO8723	CO8722	12.89	1 1-	4ACSR	0	0	443	142	1	0	0	0.00	6.32	0
CO8724	CO8723	12.97	1 1-	4ACSR	0	0	437	141	1	0	0	0.00	6.32	0
CO8725	CO8724	13.02	1 1-	4ACSR	0	0	434	141	1	0	0	0.00	6.33	0
CO8726	CO8725	13.09	1 1-	4ACSR	0	0	429	140	1	0	0	0.00	6.33	0
CO8727	CO8726	13.19	1 1-	4ACSR	0	0	423	140	1	0	0	0.00	6.33	0
CO16985	CO8727	13.27	0 1-	4ACSR	0	0	418	139	0	0	0	0.00	6.33	0
CO8688	CO8678	11.50	1 1-	4ACSR	0	0	563	154	13	1	1	0.00	6.23	0
CO8689	CO8677	11.47	2 1-	4ACSR	0	0	565	154	16	2	2	0.00	6.21	0
CO8693	CO8677	11.45	17 1-	4ACSR	0	0	567	154	118	16	12	0.02	6.23	4
CO8694	CO8693	11.53	16 1-	4ACSR	0	0	559	153	113	15	11	0.05	6.28	10
CO8703	CO8694	11.58	11 1-	4ACSR	0	0	554	153	75	10	8	0.02	6.31	3
CO8704	CO8703	11.60	9 1-	4ACSR	0	0	552	153	58	8	6	0.01	6.31	0
CO8705	CO8704	11.62	9 1-	4ACSR	0	0	550	153	58	8	6	0.01	6.32	0
CO8687	CO8705	11.63	3 1-	4ACSR	0	0	548	152	19	2	2	0.00	6.32	0
CO8706	CO8705	11.69	6 1-	4ACSR	0	0	543	152	39	5	4	0.01	6.33	0
CO8707	CO8706	11.72	3 1-	4ACSR	0	0	540	152	19	2	2	0.00	6.34	0
CO8708	CO8707	11.75	3 1-	4ACSR	0	0	537	151	19	2	2	0.00	6.34	0
CO8695	CO8694	11.61	5 1-	4ACSR	0	0	551	153	37	5	4	0.02	6.30	0
CO8696	CO8695	11.70	3 1-	4ACSR	0	0	542	152	26	3	3	0.02	6.32	0
CO8697	CO8696	11.83	3 1-	4ACSR	0	0	529	151	26	3	3	0.02	6.34	0
CO8698	CO8697	11.89	2 1-	4ACSR	0	0	524	150	21	2	2	0.01	6.34	0
CO8699	CO8698	11.97	2 1-	4ACSR	0	0	516	149	21	2	2	0.01	6.35	0

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8700	CO8699	12.02	1 1-	4ACSR	0	0	512	149	15	2	2	0.00	6.36	0
CO8701	CO8700	12.05	1 1-	4ACSR	0	0	510	149	15	2	2	0.00	6.36	0
CO8702	CO8701	12.08	1 1-	4ACSR	0	0	507	149	15	2	2	0.00	6.36	0
CO8686	CO8676	11.37	1 1-	4ACSR	0	0	576	155	2	0	0	0.00	6.10	0
CO8680	OC-309733071	11.40	1 1-	4ACSR	0	0	571	154	9	1	1	0.00	6.01	0
CO8733	OC-309733071	11.34	7 1-	1/0PRIURD	0	0	581	314	45	6	4	0.01	6.01	0
CO8734	CO8733	11.39	5 1-	1/0PRIURD	0	0	578	313	27	3	2	0.00	6.01	0
CO8732	CO8734	11.44	4 1-	1/0PRIURD	0	0	574	312	16	2	1	0.00	6.02	0
CO8728	CO8732	11.52	1 1-	1/0PRIURD	0	0	569	310	0	0	0	0.00	6.02	0
CO8730	CO8732	11.53	3 1-	1/0PRIURD	0	0	568	310	16	2	1	0.00	6.02	0
CO8731	CO8730	11.59	1 1-	1/0PRIURD	0	0	564	309	8	1	1	0.00	6.02	0
CO8729	CO8731	11.63	0 1-	1/0PRIURD	0	0	561	308	0	0	0	0.00	6.02	0
CO8736	CO8729	11.68	0 1-	1/0PRIURD	0	0	558	307	0	0	0	0.00	6.02	0
CO8735	CO8736	11.69	0 1-	1/0PRIURD	0	0	557	307	0	0	0	0.00	6.02	0
CO10685	RG1949182874	10.21	28 1-	4ACSR	0	0	696	162	86	11	9	0.05	4.70	7
CO10797	CO10685	10.22	22 1-	4ACSR	0	0	695	162	66	9	7	0.00	4.70	0
OC294	CO10797	10.22	22 1-	15 H OCR	0	0	695	162	66	9	61	0.00	4.70	0
CO10798	OC294	10.32	22 1-	4ACSR	0	0	681	161	66	9	7	0.04	4.74	5
CO10780	CO10798	10.67	21 1-	4ACSR	0	0	633	158	65	9	6	0.14	4.89	15
CO10686	CO10780	10.88	8 1-	4ACSR	0	0	608	156	27	3	3	0.03	4.92	0
CO10687	CO10686	11.00	7 1-	4ACSR	0	0	594	155	26	3	3	0.02	4.94	0
CO10745	CO10687	11.23	3 1-	4ACSR	0	0	567	153	17	2	2	0.02	4.96	0
CO10744	CO10745	11.37	3 1-	4ACSR	0	0	552	152	17	2	2	0.01	4.98	0
CO10761	CO10744	11.43	2 1-	4ACSR	0	0	546	151	0	0	0	0.00	4.98	0
CO10760	CO10761	11.63	1 1-	4ACSR	0	0	527	149	0	0	0	0.00	4.98	0
CO10759	CO10760	11.67	1 1-	4ACSR	0	0	523	149	0	0	0	0.00	4.98	0
CO10716	CO10744	11.45	1 1-	4ACSR	0	0	545	151	16	2	2	0.00	4.98	0
CO10741	CO10687	11.21	4 1-	4ACSR	0	0	570	153	10	1	1	0.01	4.95	0
CO10740	CO10741	11.28	4 1-	4ACSR	0	0	562	152	10	1	1	0.00	4.96	0
CO10688	CO10740	11.43	3 1-	4ACSR	0	0	546	151	4	0	0	0.00	4.96	0
CO10714	CO10688	11.55	0 1-	4ACSR	0	0	534	150	0	0	0	0.00	4.96	0
CO10743	CO10688	11.49	1 1-	4ACSR	0	0	540	150	0	0	0	0.00	4.96	0
CO10742	CO10743	11.60	1 1-	4ACSR	0	0	529	150	0	0	0	0.00	4.96	0
CO17049	CO10742	11.73	1 1-	4ACSR	0	0	517	148	0	0	0	0.00	4.96	0
CO10713	CO10742	11.73	0 1-	4ACSR	0	0	517	148	0	0	0	0.00	4.96	0
CO10715	CO10740	11.35	1 1-	4ACSR	0	0	555	152	6	0	1	0.00	4.96	0
CO10717	CO10687	11.05	0 1-	4ACSR	0	0	587	154	0	0	0	0.00	4.94	0
CO10718	CO10686	10.91	1 1-	4ACSR	0	0	604	156	0	0	0	0.00	4.92	0
CO10737	CO10780	10.90	13 1-	4ACSR	0	0	605	156	38	5	4	0.06	4.94	4
OC1044560249	CO10737	10.90	13 1-	20 N FUSE	0	0	605	156	38	5	27	0.00	4.94	0
CO10736	OC1044560249	11.01	13 1-	4ACSR	0	0	592	155	38	5	4	0.03	4.97	0
CO10703	CO10736	11.06	1 1-	4ACSR	0	0	587	154	0	0	0	0.00	4.97	0
CO10803	CO10736	11.75	11 1-	4ACSR	0	0	515	148	38	5	4	0.18	5.14	11
CO10776	CO10803	11.86	10 1-	4ACSR	0	0	505	147	38	5	4	0.03	5.17	0
CO10694	CO10776	11.98	0 1-	4ACSR	0	0	495	146	0	0	0	0.00	5.17	0
CO10726	CO10776	12.21	7 1-	4ACSR	0	0	476	144	8	1	1	0.02	5.19	0
OC-1901880658	CO10726	12.21	7 1-	20 N FUSE	0	0	476	144	8	1	5	0.00	5.19	0
CO10725	OC-1901880658	12.38	7 1-	4ACSR	0	0	462	143	8	1	1	0.01	5.19	0
CO10674	CO10725	12.62	5 1-	4ACSR	0	0	444	141	7	0	1	0.01	5.20	0
CO10675	CO10674	12.98	4 1-	4ACSR	0	0	420	139	7	0	1	0.01	5.22	0
CO17043	CO10675	13.21	3 1-	4ACSR	0	0	405	137	7	0	1	0.01	5.23	0
CO10963	CO17043	13.44	3 1-	4ACSR	0	0	392	135	7	0	1	0.01	5.24	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10982	CO10963	13.56	2 1-	4ACSR	0	0	386	134	7	0	1	0.00	5.24	0
CO10886	CO10982	13.61	2 1-	4ACSR	0	0	382	134	7	0	1	0.00	5.24	0
CO10827	CO10963	13.62	1 1-	4ACSR	0	0	382	134	0	0	0	0.00	5.24	0
CO17304	CO10675	13.39	1 1-	4ACSR	0	0	395	136	0	0	0	0.00	5.22	0
CO10773	CO17304	13.45	1 1-	4ACSR	0	0	392	135	0	0	0	0.00	5.22	0
CO10772	CO10773	13.51	1 1-	4ACSR	0	0	388	135	0	0	0	0.00	5.22	0
CO10693	CO10674	12.69	1 1-	4ACSR	0	0	440	141	0	0	0	0.00	5.20	0
CO10673	CO10725	12.50	2 1-	4ACSR	0	0	453	142	1	0	0	0.00	5.19	0
CO10692	CO10673	12.60	2 1-	4ACSR	0	0	446	141	1	0	0	0.00	5.19	0
CO10691	CO10673	12.72	0 1-	4ACSR	0	0	437	140	0	0	0	0.00	5.19	0
CO10774	CO10776	12.11	2 1-	4ACSR	0	0	484	145	30	4	3	0.04	5.21	0
CO10775	CO10774	12.24	1 1-	4ACSR	0	0	473	144	19	2	2	0.01	5.22	0
CO10777	CO10736	11.07	1 1-	4ACSR	0	0	585	154	0	0	0	0.00	4.97	0
CO10778	CO10777	11.10	1 1-	4ACSR	0	0	582	154	0	0	0	0.00	4.97	0
CO10779	CO10778	11.19	0 1-	4ACSR	0	0	572	153	0	0	0	0.00	4.97	0
CO10781	CO10685	10.33	6 1-	4ACSR	0	0	680	161	20	2	2	0.01	4.71	0
CO10782	CO10781	10.44	6 1-	4ACSR	0	0	664	160	20	2	2	0.01	4.72	0
CO10783	CO10782	10.74	5 1-	4ACSR	0	0	624	157	15	2	1	0.03	4.75	0
CO10784	CO10783	10.81	4 1-	4ACSR	0	0	616	157	15	2	1	0.01	4.76	0
CO10704	CO10784	10.89	0 1-	4ACSR	0	0	607	156	0	0	0	0.00	4.76	0
CO10801	CO10784	11.29	4 1-	4ACSR	0	0	561	152	15	2	1	0.04	4.80	0
CO10785	CO10801	11.50	4 1-	4ACSR	0	0	539	150	15	2	1	0.02	4.82	0
CO10802	CO10785	11.58	4 1-	4ACSR	0	0	531	150	15	2	1	0.01	4.83	0
CO10751	CO10802	11.62	0 1-	4ACSR	0	0	528	149	0	0	0	0.00	4.83	0
CO10750	CO10751	11.64	0 1-	4ACSR	0	0	526	149	0	0	0	0.00	4.83	0
CO10754	CO10802	11.62	2 1-	4ACSR	0	0	528	149	11	1	1	0.00	4.83	0
CO10753	CO10754	11.66	2 1-	4ACSR	0	0	524	149	11	1	1	0.00	4.83	0
CO10752	CO10753	11.87	1 1-	4ACSR	0	0	505	147	11	1	1	0.01	4.84	0
CO10721	RG1949182874	10.16	2 1-	4ACSR	0	0	704	163	10	1	1	0.00	4.65	0
CO10705	XFMR104	10.08	0 1-	4ACSR	0	0	716	164	0	0	0	0.00	4.37	0
CO10756	XFMR104	10.08	2 1-	4ACSR	0	0	716	164	3	0	0	0.00	4.37	0
CO10755	CO10756	10.14	1 1-	4ACSR	0	0	707	163	1	0	0	0.00	4.37	0
CO10706+	CO10734	9.93	2 1-	4ACSR	0	0	706	269	4	0	0	0.00	3.47	0
CO10680+	CO10679	9.61	1 1-	4ACSR	0	0	735	274	0	0	0	0.00	3.03	0
CO10711+	CO10679	9.25	0 1-	4ACSR	0	0	770	279	0	0	0	0.00	3.03	0
CO10720+	OC-1070336848	9.03	0 1-	4ACSR	0	0	794	283	0	0	0	0.00	2.77	0
CO-1327923143+	OC-1070336848	8.88	1 1-	2ACSR	0	0	810	285	7	0	0	0.00	2.77	0
CO9155+	CO9293	8.26	4 1-	1/0ACSR	0	0	886	296	22	1	1	0.00	2.24	0
XFMR105	CO9293	8.17	39 1-	167 KVA 1PH AUT	0	0	590	166	133	9	79	0.45	2.69	0
CO9128	XFMR105	8.21	39 1-	4ACSR	0	0	587	166	133	18	13	0.03	2.72	7
CO9156	CO9128	8.29	1 1-	4ACSR	0	0	580	165	10	1	1	0.00	2.72	0
CO9322	CO9128	8.22	35 1-	4ACSR	0	0	586	166	116	15	11	0.00	2.72	0
OC239	CO9322	8.22	35 1-	25 H OCR	0	0	586	166	116	15	63	0.00	2.72	0
CO9323	OC239	8.49	35 1-	4ACSR	0	0	564	163	116	15	11	0.19	2.91	36
CO9140	CO9323	8.55	31 1-	4ACSR	0	0	559	162	106	14	10	0.04	2.95	7
CO9164	CO9140	8.58	1 1-	4ACSR	0	0	557	162	8	1	1	0.00	2.95	0
CO9215	CO9140	8.81	30 1-	4ACSR	0	0	538	160	97	13	10	0.15	3.11	25
CO9216	CO9215	9.02	30 1-	4ACSR	0	0	521	158	97	13	10	0.13	3.23	20
CO9129	CO9216	9.09	24 1-	4ACSR	0	0	516	157	66	9	7	0.03	3.26	3
CO9312	CO9129	9.69	2 1-	4ACSR	0	0	472	152	0	0	0	0.00	3.26	0
CO9313	CO9312	9.80	2 1-	4ACSR	0	0	465	151	0	0	0	0.00	3.26	0
CO9298	CO9313	9.90	2 1-	4ACSR	0	0	457	150	0	0	0	0.00	3.26	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9307	CO9298	10.08	1 1-	4ACSR	0	0	446	148	0	0	0	0.00	3.26	0
CO9308	CO9307	10.15	1 1-	4ACSR	0	0	442	148	0	0	0	0.00	3.26	0
CO9311	CO9313	10.35	0 1-	4ACSR	0	0	429	146	0	0	0	0.00	3.26	0
CO17107	CO9311	10.42	0 1-	4ACSR	0	0	425	145	0	0	0	0.00	3.26	0
CO8669	CO17107	10.51	0 1-	4ACSR	0	0	420	144	0	0	0	0.00	3.26	0
CO9208	CO9129	9.20	22 1-	4ACSR	0	0	507	156	66	9	7	0.05	3.31	5
CO9209	CO9208	9.46	20 1-	4ACSR	0	0	488	154	62	8	6	0.09	3.40	9
CO9133	CO9209	9.52	5 1-	4ACSR	0	0	484	153	8	1	1	0.00	3.40	0
CO9157	CO9133	9.62	2 1-	4ACSR	0	0	476	152	2	0	0	0.00	3.40	0
CO9204	CO9133	9.58	1 1-	4ACSR	0	0	479	152	3	0	0	0.00	3.40	0
CO9205	CO9204	9.66	1 1-	4ACSR	0	0	474	152	3	0	0	0.00	3.40	0
CO9309	CO9205	9.75	0 1-	4ACSR	0	0	468	151	0	0	0	0.00	3.40	0
CO9310	CO9309	9.83	0 1-	4ACSR	0	0	462	150	0	0	0	0.00	3.40	0
CO9189	CO9205	9.72	1 1-	2ACSR	0	0	471	151	3	0	0	0.00	3.40	0
CO9130	CO9209	9.63	14 1-	4ACSR	0	0	476	152	43	5	4	0.04	3.44	3
CO9206	CO9130	9.71	1 1-	4ACSR	0	0	470	151	1	0	0	0.00	3.44	0
CO9207	CO9206	9.90	0 1-	4ACSR	0	0	458	150	0	0	0	0.00	3.44	0
CO9202	CO9130	9.68	13 1-	4ACSR	0	0	473	152	42	5	4	0.01	3.45	0
CO9203	CO9202	9.75	12 1-	4ACSR	0	0	468	151	35	4	3	0.01	3.47	0
CO9131	CO9203	9.99	8 1-	4ACSR	0	0	452	149	13	1	1	0.02	3.49	0
CO9132	CO9131	10.05	7 1-	4ACSR	0	0	448	148	10	1	1	0.00	3.49	0
CO9198	CO9132	10.10	3 1-	4ACSR	0	0	445	148	8	1	1	0.00	3.49	0
CO9199	CO9198	10.15	2 1-	4ACSR	0	0	442	148	8	1	1	0.00	3.50	0
CO9197	CO9199	10.20	1 1-	4ACSR	0	0	439	147	5	0	0	0.00	3.50	0
CO9200	CO9132	10.11	4 1-	4ACSR	0	0	444	148	2	0	0	0.00	3.49	0
CO9289	CO9200	10.17	2 1-	4ACSR	0	0	440	147	0	0	0	0.00	3.49	0
CO9201	CO9289	10.29	1 1-	4ACSR	0	0	433	146	0	0	0	0.00	3.49	0
CO9165	CO9131	10.06	1 1-	4ACSR	0	0	447	148	3	0	0	0.00	3.49	0
CO9158	CO9203	9.83	3 1-	4ACSR	0	0	463	150	12	1	1	0.00	3.47	0
CO9168	CO9203	9.79	1 1-	4ACSR	0	0	465	151	9	1	1	0.00	3.47	0
CO9186	CO9216	9.05	0 1-	2ACSR	0	0	519	158	0	0	0	0.00	3.23	0
CO9213	CO9216	9.14	5 1-	4ACSR	0	0	511	157	27	3	3	0.02	3.25	0
CO9214	CO9213	9.17	4 1-	4ACSR	0	0	509	156	22	3	2	0.00	3.25	0
CO9212	CO9214	9.20	2 1-	4ACSR	0	0	507	156	17	2	2	0.00	3.26	0
CO852177987	CO9212	9.41	2 1-	2ACSR	0	0	494	155	17	2	1	0.01	3.27	0
CO2057664474	CO852177987	10.03	0 1-	2ACSR	0	0	458	151	0	0	0	0.00	3.27	0
CO1645383309	CO852177987	9.45	2 1-	2ACSR	0	0	492	154	17	2	1	0.00	3.27	0
CO2106343553	CO1645383309	9.50	0 1-	2ACSR	0	0	489	154	0	0	0	0.00	3.27	0
CO9211	CO9212	9.28	0 1-	4ACSR	0	0	501	155	0	0	0	0.00	3.26	0
CO9210	CO9211	9.31	0 1-	4ACSR	0	0	499	155	0	0	0	0.00	3.26	0
CO9217	CO9323	8.55	3 1-	4ACSR	0	0	558	162	8	1	1	0.00	2.92	0
CO9218	CO9217	8.59	1 1-	4ACSR	0	0	555	162	2	0	0	0.00	2.92	0
CO9167+	CO9193	8.05	1 1-	4ACSR	0	0	903	297	5	0	0	0.00	2.22	0
CO16993+	CO9767	7.59	12 1-	4ACSR	0	0	947	301	64	4	3	0.01	2.15	0
OC609286491+	CO16993	7.59	11 1-	20 N FUSE	0	0	947	301	61	4	21	0.00	2.15	0
CO9190+	OC609286491	7.60	11 1-	4ACSR	0	0	944	301	61	4	3	0.00	2.15	0
CO9191+	CO9190	7.69	10 1-	4ACSR	0	0	932	299	56	3	3	0.01	2.15	0
CO16995+	CO9191	7.77	9 1-	4ACSR	0	0	921	298	51	3	2	0.01	2.16	0
CO9768+	CO16995	7.78	6 1-	4ACSR	0	0	919	298	39	2	2	0.00	2.16	0
CO9718+	CO9768	7.83	1 1-	4ACSR	0	0	913	297	11	0	1	0.00	2.16	0
CO9769+	CO9768	7.87	5 1-	4ACSR	0	0	908	296	28	1	1	0.00	2.16	0
CO9770+	CO9769	7.90	4 1-	4ACSR	0	0	904	296	20	1	1	0.00	2.16	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9771+	CO9770	7.93	3 1-	4ACSR	0	0	900	295	15	1	1	0.00	2.16	0
CO9772+	CO9771	7.98	2 1-	4ACSR	0	0	893	294	9	0	0	0.00	2.16	0
CO-1204463407+	CO9772	8.02	1 1-	2ACSR	0	0	889	294	1	0	0	0.00	2.16	0
CO9731+	CO9697	7.27	2 1-	4ACSR	0	0	979	304	6	0	0	0.00	2.08	0
OC-2003571691+	CO9731	7.27	0 1-	20 N FUSE	0	0	979	304	0	0	0	0.00	2.08	0
CO302256723+	OC-2003571691	7.29	0 1-	2ACSR	0	0	976	304	0	0	0	0.00	2.08	0
CO9717+	CO9697	7.30	0 1-	1/0ACSR	0	0	979	304	0	0	0	0.00	2.07	0
CO9749+	CO9710	4.65	3 1-	1/0ACSR	0	0	1368	330	8	0	0	0.00	1.46	0
OC-176372416+	CO9749	4.65	0 1-	20 N FUSE	0	0	1368	330	0	0	0	0.00	1.46	0
CO9249+	CO9251	4.15	3 1-	336 MCM ACSR 30	0	0	1453	333	8	0	0	0.00	1.33	0
OC-154124734+	CO9249	4.15	2 1-	20 N FUSE	0	0	1453	333	5	0	2	0.00	1.33	0
CO9250+	OC-154124734	4.21	2 1-	336 MCM ACSR 30	0	0	1444	333	5	0	0	0.00	1.33	0
CO9318+	CO9143	3.68	7 1-	4ACSR	0	0	1528	335	17	1	1	0.00	1.21	0
OC242+	CO9318	3.68	7 1-	10 N FUSE	0	0	1528	335	17	1	11	0.00	1.21	0
CO9319+	OC242	3.72	7 1-	4ACSR	0	0	1518	334	17	1	1	0.00	1.22	0
CO9257+	CO9319	3.79	7 1-	4ACSR	0	0	1496	333	17	1	1	0.00	1.22	0
CO9258+	CO9257	3.88	6 1-	4ACSR	0	0	1467	331	16	1	1	0.00	1.22	0
CO9171+	CO9258	4.02	1 1-	4ACSR	0	0	1424	328	1	0	0	0.00	1.22	0
CO9259+	CO9258	3.98	4 1-	4ACSR	0	0	1439	329	15	1	1	0.00	1.22	0
CO9260+	CO9259	4.02	2 1-	4ACSR	0	0	1426	328	9	0	0	0.00	1.22	0
CO9316+	CO9142	3.62	2 1-	4ACSR	0	0	1540	336	5	0	0	0.00	1.20	0
OC241+	CO9316	3.62	2 1-	10 N FUSE	0	0	1540	336	5	0	3	0.00	1.20	0
CO9317+	OC241	3.73	2 1-	4ACSR	0	0	1503	333	5	0	0	0.00	1.20	0
CO9301+	CO9317	3.78	2 1-	4ACSR	0	0	1488	332	5	0	0	0.00	1.20	0
CO9306+	CO9301	3.83	1 1-	4ACSR	0	0	1473	331	0	0	0	0.00	1.20	0
CO16997+	CO9306	4.07	1 1-	4ACSR	0	0	1402	326	0	0	0	0.00	1.20	0
CO9188+	CO9263	3.53	2 1-	2ACSR	0	0	1553	336	16	1	1	0.00	1.16	0
OC627837893+	CO9188	3.53	0 1-	20 N FUSE	0	0	1553	336	0	0	0	0.00	1.16	0
CO9261+	CO9263	3.57	4 1-	2ACSR	0	0	1541	335	29	1	1	0.00	1.16	0
OC-2065405731+	CO9261	3.57	2 1-	20 N FUSE	0	0	1541	335	17	1	6	0.00	1.16	0
CO9262+	OC-2065405731	3.65	2 1-	2ACSR	0	0	1518	334	17	1	1	0.00	1.16	0
CO9180+	CO9147	2.81	5 1-	336 MCM ACSR 30	0	0	1699	339	8	0	0	0.00	0.95	0
OC-39694830+	CO9180	2.81	3 1-	20 N FUSE	0	0	1699	339	6	0	2	0.00	0.95	0
CO1999285643+	OC-39694830	2.86	3 1-	2ACSR	0	0	1683	339	6	0	0	0.00	0.95	0
CO9266+	CO9150	2.80	12 1-	336 MCM ACSR 30	0	0	1701	339	29	1	0	0.00	0.95	0
OC1433999745+	CO9266	2.80	7 1-	20 N FUSE	0	0	1701	339	20	1	7	0.00	0.95	0
CO9267+	OC1433999745	2.87	7 1-	336 MCM ACSR 30	0	0	1686	339	20	1	0	0.00	0.95	0
CO9268+	CO9267	2.88	3 1-	336 MCM ACSR 30	0	0	1684	339	14	0	0	0.00	0.95	0
CO9269+	CO9268	2.93	3 1-	336 MCM ACSR 30	0	0	1674	339	14	0	0	0.00	0.95	0
CO9314+	CO9272	2.43	32 1-	6ACWC	0	0	1781	341	137	9	7	0.00	0.86	0
OC240+	CO9314	2.43	32 1-	70 E OCR	0	0	1781	341	137	9	13	0.00	0.86	0
CO9315+	OC240	2.52	32 1-	6ACWC	0	0	1745	339	137	9	7	0.02	0.88	4
CO9170+	CO9315	2.64	4 1-	6ACWC	0	0	1698	336	10	0	0	0.00	0.88	0
CO9276+	CO9315	2.65	28 1-	6ACWC	0	0	1692	336	127	8	6	0.03	0.90	5
CO9277+	CO9276	2.73	28 1-	6ACWC	0	0	1662	335	127	8	6	0.01	0.92	3
CO9152+	CO9277	2.81	23 1-	6ACWC	0	0	1630	333	105	7	5	0.01	0.93	2
CO9287+	CO9152	2.86	10 1-	6ACWC	0	0	1614	332	54	3	3	0.00	0.93	0
CO9288+	CO9287	2.89	10 1-	6ACWC	0	0	1600	331	54	3	3	0.00	0.94	0
CO9146+	CO9288	3.05	9 1-	6ACWC	0	0	1544	328	49	3	2	0.01	0.95	0
CO9285+	CO9146	3.16	7 1-	6ACWC	0	0	1505	326	37	2	2	0.01	0.95	0
CO9286+	CO9285	3.31	6 1-	6ACWC	0	0	1453	323	28	1	1	0.01	0.96	0
CO9284+	CO9286	3.33	6 1-	6ACWC	0	0	1447	322	28	1	1	0.00	0.96	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9283+	CO9284	3.44	6 1-	6ACWC	0	0	1411	320	28	1	1	0.00	0.96	0
CO9187+	CO9283	3.54	5 1-	2ACSR	0	0	1386	319	19	1	1	0.00	0.96	0
CO9178+	CO9146	3.20	2 1-	6ACWC	0	0	1492	325	12	0	1	0.00	0.95	0
CO9179+	CO9288	3.20	1 1-	6ACWC	0	0	1492	325	5	0	0	0.00	0.94	0
CO9281+	CO9152	2.90	12 1-	6ACWC	0	0	1598	331	51	3	2	0.01	0.93	0
CO9282+	CO9281	2.94	7 1-	6ACWC	0	0	1585	330	40	2	2	0.00	0.94	0
CO9280+	CO9282	2.97	5 1-	6ACWC	0	0	1573	330	24	1	1	0.00	0.94	0
CO9279+	CO9280	2.99	2 1-	6ACWC	0	0	1563	329	10	0	1	0.00	0.94	0
CO9278+	CO9279	3.03	2 1-	6ACWC	0	0	1549	328	10	0	1	0.00	0.94	0
CO9182+	CO9277	2.81	2 1-	6ACWC	0	0	1630	333	8	0	0	0.00	0.92	0
CO9270+	CO9272	2.47	12 1-	336 MCM ACSR 30	0	0	1775	341	30	2	0	0.00	0.86	0
CO9177+	CO9270	2.50	1 1-	336 MCM ACSR 30	0	0	1768	341	0	0	0	0.00	0.86	0
CO9271+	CO9270	2.50	8 1-	336 MCM ACSR 30	0	0	1766	341	26	1	0	0.00	0.86	0
CO16992+	CO9271	2.58	2 1-	336 MCM ACSR 30	0	0	1749	340	14	0	0	0.00	0.86	0
CO8823+	CO16992	2.69	1 1-	2ACSR	0	0	1710	339	6	0	0	0.00	0.86	0
CO1052042895+	CO730725189	2.40	1 1-	2ACSR	0	0	1768	339	16	1	1	0.00	0.73	0
OC-1129340370+	CO1052042895	2.40	0 1-	20 N FUSE	0	0	1768	339	0	0	0	0.00	0.73	0
CO9097+	CO9010	1.23	3 1-	4ACSR	0	0	2135	347	11	0	1	0.00	0.39	0
OC225+	CO9097	1.23	3 1-	20 N FUSE	0	0	2135	347	11	0	4	0.00	0.39	0
CO9098+	OC225	1.29	3 1-	4ACSR	0	0	2102	346	11	0	1	0.00	0.39	0
CO8775+	CO9098	1.47	2 1-	336 MCM ACSR 30	0	0	2045	345	8	0	0	0.00	0.39	0
CO8774+	CO9098	1.42	1 1-	336 MCM ACSR 30	0	0	2061	346	3	0	0	0.00	0.39	0
CO8776+	CO8737	0.23	1 1-	336 MCM ACSR 30	0	0	2530	352	3	0	0	0.00	0.06	0
OC686693937+	CO8776	0.23	0 1-	20 N FUSE	0	0	2530	352	0	0	0	0.00	0.06	0
CO8837+	CO9122	0.02	7 1-	4ACSR	0	0	2626	353	20	1	1	0.00	0.00	0
CO8838+	CO8837	0.05	7 1-	4ACSR	0	0	2608	352	20	1	1	0.00	0.00	0
CO9092+	CO8838	0.07	1 1-	4ACSR	0	0	2593	352	1	0	0	0.00	0.00	0
CO9093+	CO9092	0.17	1 1-	4ACSR	0	0	2514	349	1	0	0	0.00	0.00	0
CO8901+	CO9093	0.52	1 1-	4ACSR	0	0	2245	342	1	0	0	0.00	0.01	0
CO8900+	CO8901	0.69	1 1-	4ACSR	0	0	2129	338	1	0	0	0.00	0.01	0
CO8899+	CO8900	0.88	1 1-	4ACSR	0	0	2006	334	1	0	0	0.00	0.01	0
CO8898+	CO8899	1.18	1 1-	4ACSR	0	0	1825	328	1	0	0	0.00	0.01	0
CO9084+	CO8838	0.08	5 1-	4ACSR	0	0	2580	351	18	1	1	0.00	0.01	0
CO9085+	CO9084	0.11	3 1-	4ACSR	0	0	2561	351	17	1	1	0.00	0.01	0
CO8785+	CO9085	0.12	3 1-	4ACSR	0	0	2551	351	17	1	1	0.00	0.01	0
CO9072+	CO8838	0.06	1 1-	2ACSR	0	0	2595	352	0	0	0	0.00	0.00	0
CO9073+	CO9072	0.13	1 1-	2ACSR	0	0	2549	351	0	0	0	0.00	0.00	0
CO9121+	CO9120	0.02	219 3-	750 MCM - 42 wi	2419	2620	2632	353	1310	29	3	0.00	0.00	0
Hart Pk+	CO9121	0.02	219 3-	560 200WVE	2419	2620	2632	353	1310	29	5	0.00	0.00	0
CO8836+	Hart Pk	0.04	219 3-	336ACSR	2413	2608	2620	353	1310	29	6	0.00	0.01	4
CO9058+	CO8836	0.08	219 3-	336ACSR	2404	2592	2604	353	1310	29	6	0.00	0.01	5
CO9059+	CO9058	0.18	219 3-	336ACSR	2377	2545	2556	352	1310	29	6	0.01	0.02	16
CO9061+	CO9059	0.27	219 3-	336ACSR	2351	2502	2511	352	1310	29	6	0.01	0.03	15
CO9064+	CO9061	0.32	219 3-	336ACSR	2338	2479	2487	352	1310	29	6	0.01	0.03	8
CO9065+	CO9064	0.36	219 3-	336ACSR	2329	2465	2473	351	1310	29	6	0.00	0.04	5
CO9067+	CO9065	0.41	219 3-	336ACSR	2316	2443	2450	351	1310	29	6	0.01	0.04	8
CO9070+	CO9067	0.45	219 3-	336ACSR	2305	2425	2431	351	1310	29	6	0.00	0.05	7
CO9071+	CO9070	0.57	219 3-	336ACSR	2274	2377	2379	350	1310	29	6	0.01	0.06	19
CO8996+	CO9071	0.68	219 3-	4ACSR	2233	2310	2312	348	1310	29	21	0.06	0.12	126
CO8997+	CO8996	0.79	219 3-	4ACSR	2186	2238	2237	346	1309	29	21	0.07	0.18	143
CO8998+	CO8997	0.87	219 3-	4ACSR	2150	2187	2182	344	1308	29	21	0.05	0.23	106

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1398093830+	CO8998	0.94	3 3-	2ACSR	2126	2154	2145	343	31	0	0	0.00	0.23	0
CO-2112957331+	CO1398093830	1.00	3 3-	2ACSR	2106	2126	2115	342	31	0	0	0.00	0.23	0
CO8994+	CO-2112957331	1.05	1 1-	4ACSR	0	0	2083	341	2	0	0	0.00	0.23	0
CO8995+	CO8994	1.10	1 1-	4ACSR	0	0	2048	340	2	0	0	0.00	0.23	0
CO-1237095571+	CO-2112957331	1.03	2 3-	2ACSR	2094	2110	2097	341	29	0	0	0.00	0.23	0
CO-1010102373+	CO-1237095571	1.07	2 3-	1/0PRIURD	2090	2098	2080	800	29	0	0	0.00	0.23	0
CO8740+	CO8998	1.00	215 3-	4ACSR	2097	2115	2102	341	1272	28	20	0.07	0.30	149
CO8741+	CO8740	1.17	214 3-	4ACSR	2024	2024	1999	337	1234	27	20	0.09	0.40	191
CO8780+	CO8741	1.25	0 1-	4ACSR	0	0	1955	336	0	0	0	0.00	0.40	0
OC-849660451+	CO8780	1.25	0 1-	20 N FUSE	0	0	1955	336	0	0	0	0.00	0.40	0
CO8742+	CO8741	1.59	214 3-	4ACSR	1853	1828	1772	329	1233	27	20	0.23	0.62	467
CO9101+	CO8742	1.59	1 1-	4ACSR	0	0	1769	329	3	0	0	0.00	0.62	0
OC227+	CO9101	1.59	1 1-	10 N FUSE	0	0	1769	329	3	0	2	0.00	0.62	0
CO9102+	OC227	1.79	1 1-	4ACSR	0	0	1675	325	3	0	0	0.00	0.62	0
CO8989+	CO9102	1.89	0 1-	4ACSR	0	0	1629	323	0	0	0	0.00	0.62	0
CO8990+	CO8989	1.99	0 1-	4ACSR	0	0	1584	321	0	0	0	0.00	0.62	0
CO8987+	CO8742	1.68	213 3-	4ACSR	1815	1787	1724	327	1227	27	20	0.05	0.68	108
CO8988+	CO8987	1.76	212 3-	4ACSR	1785	1755	1687	325	1224	27	20	0.04	0.72	85
CO8748+	CO8988	1.95	211 3-	4ACSR	1715	1682	1602	322	1223	27	20	0.10	0.82	209
CO8985+	CO8748	2.06	4 1-	4ACSR	0	0	1557	320	6	0	0	0.00	0.82	0
OC-296303887+	CO8985	2.06	3 1-	20 N FUSE	0	0	1557	320	6	0	2	0.00	0.82	0
CO8986+	OC-296303887	2.16	3 1-	4ACSR	0	0	1515	318	6	0	0	0.00	0.82	0
CO8747+	CO8748	2.23	205 3-	4ACSR	1615	1580	1487	316	1210	27	20	0.15	0.98	309
CO16978+	CO8747	2.48	203 3-	4ACSR	1536	1502	1399	312	1204	27	20	0.13	1.11	261
CO8527+	CO16978	2.51	202 3-	4ACSR	1525	1491	1387	311	1199	27	19	0.02	1.12	37
CO8608+	CO8527	2.61	1 1-	4ACSR	0	0	1356	309	1	0	0	0.00	1.12	0
OC1111394777+	CO8608	2.61	1 1-	20 N FUSE	0	0	1356	309	1	0	0	0.00	1.12	0
CO8607+	OC1111394777	2.64	1 1-	4ACSR	0	0	1344	309	1	0	0	0.00	1.12	0
CO8605+	CO8527	2.57	3 1-	4ACSR	0	0	1368	310	8	0	0	0.00	1.12	0
OC386180883+	CO8605	2.57	1 1-	20 N FUSE	0	0	1368	310	2	0	1	0.00	1.12	0
CO8606+	OC386180883	2.61	1 1-	4ACSR	0	0	1356	309	2	0	0	0.00	1.13	0
CO8414+	CO8527	2.58	198 3-	4ACSR	1502	1469	1363	310	1190	27	19	0.04	1.16	77
CO8610+	CO8414	2.77	1 1-	4ACSR	0	0	1303	306	6	0	0	0.00	1.17	0
OC1080640217+	CO8610	2.77	1 1-	20 N FUSE	0	0	1303	306	6	0	2	0.00	1.17	0
CO8609+	OC1080640217	2.81	1 1-	4ACSR	0	0	1292	306	6	0	0	0.00	1.17	0
CO8415+	CO8414	2.65	0 3-	1/0ACSR	1491	1457	1350	309	0	0	0	0.00	1.16	0
CO8658+	CO8415	2.65	0 3-	1/0ACSR	1490	1456	1348	309	0	0	0	0.00	1.16	0
XFMR15	CO8658	2.65	0 3-	333 KVA 1PH AUT	990	977	956	171	0	0	0	0.00	1.16	0
CO8529+	CO8414	2.65	194 3-	1/0ACSR	1489	1456	1348	309	1177	26	12	0.02	1.18	28
CO8655+	CO8529	2.72	193 3-	1/0ACSR	1478	1444	1335	309	1177	26	12	0.01	1.19	26
CO8528+	CO8655	2.90	190 3-	1/0ACSR	1445	1410	1297	307	1156	26	11	0.04	1.24	73
CO8530+	CO8528	3.04	188 3-	1/0ACSR	1422	1386	1271	306	1147	26	11	0.03	1.27	52
CO8393+	CO8530	3.12	188 3-	1/0ACSR	1408	1372	1256	305	1147	26	11	0.02	1.28	32
CO8411+	CO8393	3.16	187 3-	1/0ACSR	1401	1365	1248	305	1139	25	11	0.01	1.29	15
CO8524+	CO8411	3.23	186 3-	1/0ACSR	1390	1354	1236	304	1134	25	11	0.01	1.31	25
CO8523+	CO8524	3.26	186 3-	1/0ACSR	1385	1348	1230	304	1134	25	11	0.01	1.32	13
CO8604+	CO8523	3.29	1 1-	4ACSR	0	0	1221	303	10	0	0	0.00	1.32	0
OC-224456339+	CO8604	3.29	0 1-	20 N FUSE	0	0	1221	303	0	0	0	0.00	1.32	0
CO8603+	OC-224456339	3.35	0 1-	4ACSR	0	0	1205	302	0	0	0	0.00	1.32	0
CO8412+	CO8523	3.44	184 3-	1/0ACSR	1357	1320	1199	302	1113	25	11	0.04	1.36	65
CO8666+	CO8412	3.45	35 1-	2ACSR	0	0	1198	302	206	14	8	0.00	1.36	0
OC220+	CO8666	3.45	0 1-	35 L OCR	0	0	1198	302	0	0	0	0.00	1.36	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8667+	CO8666	3.53	35 1-	2ACSR	0	0	1180	301	206	14	8	0.02	1.38	6
CO8475+	CO8667	3.59	34 1-	2ACSR	0	0	1168	301	204	13	8	0.01	1.39	4
CO8474+	CO8475	3.67	33 1-	2ACSR	0	0	1154	300	201	13	8	0.02	1.40	5
CO8565+	CO8474	3.74	3 1-	2ACSR	0	0	1141	299	25	1	1	0.00	1.41	0
CO8567+	CO8565	3.77	3 1-	2ACSR	0	0	1135	299	25	1	1	0.00	1.41	0
CO8467+	CO8567	3.85	1 1-	2ACSR	0	0	1119	297	12	0	0	0.00	1.41	0
CO8566+	CO8567	3.98	2 1-	2ACSR	0	0	1097	296	12	0	0	0.00	1.41	0
CO8394+	CO8474	3.86	30 1-	2ACSR	0	0	1119	297	177	12	7	0.04	1.44	10
CO8651+	CO8394	3.91	4 1-	2ACSR	0	0	1109	297	21	1	1	0.00	1.44	0
CO8652+	CO8651	3.97	4 1-	2ACSR	0	0	1099	296	21	1	1	0.00	1.44	0
CO8561+	CO8652	4.00	1 1-	2ACSR	0	0	1094	296	14	0	1	0.00	1.44	0
CO8653+	CO8652	4.01	3 1-	2ACSR	0	0	1092	296	7	0	0	0.00	1.44	0
CO8654+	CO8653	4.09	1 1-	2ACSR	0	0	1078	295	2	0	0	0.00	1.44	0
CO8477+	CO8394	3.95	25 1-	2ACSR	0	0	1103	296	156	10	6	0.02	1.46	4
CO8476+	CO8477	3.99	25 1-	2ACSR	0	0	1096	296	156	10	6	0.01	1.46	0
CO8558+	CO8476	4.07	1 1-	2ACSR	0	0	1081	295	8	0	0	0.00	1.46	0
CO8560+	CO8558	4.17	1 1-	2ACSR	0	0	1066	294	8	0	0	0.00	1.46	0
CO8559+	CO8560	4.26	1 1-	2ACSR	0	0	1051	293	8	0	0	0.00	1.46	0
CO8392+	CO8476	4.03	23 1-	2ACSR	0	0	1088	295	140	9	5	0.01	1.47	0
CO8479+	CO8392	4.12	22 1-	2ACSR	0	0	1073	294	127	8	5	0.01	1.48	2
CO8478+	CO8479	4.17	22 1-	2ACSR	0	0	1065	294	127	8	5	0.01	1.49	0
CO8480+	CO8478	4.27	21 1-	2ACSR	0	0	1050	293	125	8	5	0.01	1.50	2
CO8424+	CO8480	4.33	2 1-	2ACSR	0	0	1041	292	5	0	0	0.00	1.50	0
CO8423+	CO8480	4.29	0 1-	2ACSR	0	0	1046	292	0	0	0	0.00	1.50	0
CO8395+	CO8480	4.34	16 1-	2ACSR	0	0	1038	292	100	6	4	0.01	1.51	0
CO8490+	CO8395	4.43	14 1-	2ACSR	0	0	1025	291	79	5	3	0.01	1.52	0
CO8489+	CO8490	4.46	13 1-	2ACSR	0	0	1020	291	68	4	3	0.00	1.52	0
CO8557+	CO8489	4.52	2 1-	2ACSR	0	0	1010	290	15	1	1	0.00	1.52	0
CO8426+	CO8557	4.55	1 1-	2ACSR	0	0	1006	289	12	0	0	0.00	1.52	0
CO8556+	CO8557	4.64	1 1-	2ACSR	0	0	994	289	3	0	0	0.00	1.52	0
CO8483+	CO8489	4.58	10 1-	2ACSR	0	0	1002	289	42	2	2	0.00	1.52	0
CO1934753467+	CO8483	4.60	1 1-	2ACSR	0	0	999	289	17	1	1	0.00	1.52	0
CO8482+	CO8483	4.69	8 1-	2ACSR	0	0	987	288	13	0	1	0.00	1.52	0
OC-1609078959+	CO8482	4.69	7 1-	20 N FUSE	0	0	987	288	10	0	4	0.00	1.52	0
CO8484+	OC-1609078959	4.74	7 1-	2ACSR	0	0	979	287	10	0	0	0.00	1.52	0
CO8481+	CO8484	4.89	7 1-	2ACSR	0	0	959	286	10	0	0	0.00	1.53	0
CO8422+	CO8481	4.98	0 1-	2ACSR	0	0	947	285	0	0	0	0.00	1.53	0
CO8487+	CO8481	4.99	6 1-	2ACSR	0	0	946	285	9	0	0	0.00	1.53	0
CO8486+	CO8487	5.05	3 1-	2ACSR	0	0	939	284	0	0	0	0.00	1.53	0
CO8488+	CO8486	5.12	2 1-	2ACSR	0	0	929	283	0	0	0	0.00	1.53	0
CO8485+	CO8488	5.23	1 1-	2ACSR	0	0	915	282	0	0	0	0.00	1.53	0
CO8428+	CO8485	5.36	1 1-	2ACSR	0	0	901	281	0	0	0	0.00	1.53	0
CO8562+	CO8395	4.42	1 1-	2ACSR	0	0	1026	291	11	0	0	0.00	1.51	0
CO8564+	CO8562	4.45	1 1-	2ACSR	0	0	1022	291	11	0	0	0.00	1.51	0
CO8563+	CO8564	4.49	1 1-	2ACSR	0	0	1016	290	11	0	0	0.00	1.51	0
CO8492+	CO8480	4.38	2 1-	2ACSR	0	0	1032	291	9	0	0	0.00	1.50	0
CO8491+	CO8492	4.47	2 1-	2ACSR	0	0	1019	290	9	0	0	0.00	1.50	0
CO8396+	CO8491	4.53	2 1-	2ACSR	0	0	1009	290	9	0	0	0.00	1.50	0
CO8568+	CO8396	4.58	2 1-	2ACSR	0	0	1002	289	9	0	0	0.00	1.50	0
CO8570+	CO8568	4.68	1 1-	2ACSR	0	0	988	288	3	0	0	0.00	1.50	0
CO8569+	CO8570	4.72	0 1-	2ACSR	0	0	982	288	0	0	0	0.00	1.50	0
CO8493+	CO8396	4.69	0 1-	2ACSR	0	0	987	288	0	0	0	0.00	1.50	0

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8497+	CO8493	4.71	0 1-	2ACSR	0	0	984	288	0	0	0	0.00	1.50	0
CO8494+	CO8497	4.84	0 1-	2ACSR	0	0	966	286	0	0	0	0.00	1.50	0
CO8496+	CO8494	4.99	0 1-	2ACSR	0	0	945	285	0	0	0	0.00	1.50	0
CO8495+	CO8496	5.15	0 1-	2ACSR	0	0	926	283	0	0	0	0.00	1.50	0
CO8425+	CO8392	4.10	1 1-	2ACSR	0	0	1076	295	13	0	0	0.00	1.47	0
CO8429+	CO8394	4.01	1 1-	2ACSR	0	0	1093	296	1	0	0	0.00	1.44	0
CO8397+	CO8412	3.57	149 3-	1/0ACSR	1337	1300	1177	301	907	20	9	0.02	1.38	32
CO8498+	CO8397	3.61	145 3-	1/0ACSR	1331	1293	1171	301	873	19	9	0.01	1.39	9
CO8500+	CO8498	3.74	144 3-	1/0ACSR	1312	1274	1150	300	862	19	9	0.02	1.41	28
CO8499+	CO8500	3.85	143 3-	1/0ACSR	1297	1259	1134	299	858	19	8	0.02	1.43	23
CO8571+	CO8499	3.88	3 1-	1/0ACSR	0	0	1129	299	28	1	1	0.00	1.43	0
OC-599644184+	CO8571	3.88	3 1-	20 N FUSE	0	0	1129	299	28	1	10	0.00	1.43	0
CO8573+	OC-599644184	3.93	3 1-	1/0ACSR	0	0	1122	298	28	1	1	0.00	1.43	0
CO8575+	CO8573	3.99	2 1-	1/0ACSR	0	0	1112	298	27	1	1	0.00	1.43	0
CO8574+	CO8575	4.01	1 1-	1/0ACSR	0	0	1110	298	14	0	0	0.00	1.43	0
CO8572+	CO8574	4.06	1 1-	1/0ACSR	0	0	1103	297	14	0	0	0.00	1.43	0
CO8432+	CO8499	3.89	4 1-	1/0ACSR	0	0	1127	299	29	1	1	0.00	1.43	0
OC-513430373+	CO8432	3.89	0 1-	20 N FUSE	0	0	1127	299	0	0	0	0.00	1.43	0
CO8502+	CO8499	3.92	136 3-	1/0ACSR	1286	1248	1122	298	800	18	8	0.01	1.44	15
CO8501+	CO8502	4.09	136 3-	1/0ACSR	1263	1225	1098	297	800	18	8	0.03	1.46	32
CO8398+	CO8501	4.17	134 3-	1/0ACSR	1253	1215	1088	296	792	18	8	0.01	1.48	14
CO8645+	CO8398	4.22	2 1-	1/0ACSR	0	0	1080	296	26	1	1	0.00	1.48	0
OC-1079453550+	CO8645	4.22	2 1-	20 N FUSE	0	0	1080	296	26	1	9	0.00	1.48	0
CO8646+	OC-1079453550	4.34	2 1-	1/0ACSR	0	0	1064	295	26	1	1	0.00	1.48	0
CO8452+	CO8646	4.41	1 1-	1/0ACSR	0	0	1056	294	16	1	0	0.00	1.48	0
CO8504+	CO8398	4.25	128 3-	1/0ACSR	1242	1204	1076	296	740	16	7	0.01	1.49	14
CO8503+	CO8504	4.37	127 3-	1/0ACSR	1227	1189	1060	295	733	16	7	0.02	1.51	19
CO8543+	CO8503	4.44	127 3-	1/0ACSR	1218	1180	1051	294	733	16	7	0.01	1.52	11
CO8542+	CO8543	4.51	127 3-	1/0ACSR	1210	1172	1042	294	733	16	7	0.01	1.53	11
CO8419+	CO8542	4.57	14 1-	4ACSR	0	0	1030	292	117	7	6	0.01	1.54	0
OC756203046+	CO8419	4.57	12 1-	20 N FUSE	0	0	1030	292	102	6	35	0.00	1.54	0
CO8649+	OC756203046	4.61	10 1-	4ACSR	0	0	1023	292	80	5	4	0.00	1.54	0
CO8650+	CO8649	4.62	9 1-	4ACSR	0	0	1021	292	63	4	3	0.00	1.54	0
CO8640+	CO8650	4.67	6 1-	2ACSR	0	0	1013	291	45	3	2	0.00	1.54	0
CO8638+	CO8640	4.73	4 1-	2ACSR	0	0	1005	291	33	2	1	0.00	1.55	0
CO8639+	CO8638	4.78	3 1-	2ACSR	0	0	997	290	31	2	1	0.00	1.55	0
CO8642+	CO8639	4.81	2 1-	2ACSR	0	0	993	290	27	1	1	0.00	1.55	0
CO8472+	CO8642	4.87	1 1-	4ACSR	0	0	983	289	14	0	1	0.00	1.55	0
CO8641+	CO8642	4.83	1 1-	2ACSR	0	0	990	289	13	0	1	0.00	1.55	0
CO8470+	CO8638	4.78	1 1-	2ACSR	0	0	998	290	2	0	0	0.00	1.55	0
CO8647+	CO8650	4.63	3 1-	4ACSR	0	0	1019	292	18	1	1	0.00	1.54	0
CO8648+	CO8647	4.67	3 1-	4ACSR	0	0	1012	291	18	1	1	0.00	1.54	0
CO8466+	CO8648	4.71	1 1-	4ACSR	0	0	1003	290	3	0	0	0.00	1.54	0
CO8618+	CO8648	4.69	2 1-	4ACSR	0	0	1008	291	15	1	1	0.00	1.54	0
CO8613+	CO8618	4.76	2 1-	4ACSR	0	0	995	289	15	1	1	0.00	1.54	0
CO8617+	CO8613	4.79	1 1-	4ACSR	0	0	989	289	5	0	0	0.00	1.54	0
CO8616+	CO8617	4.84	1 1-	4ACSR	0	0	981	288	5	0	0	0.00	1.54	0
CO8614+	CO8616	4.95	0 1-	4ACSR	0	0	962	286	0	0	0	0.00	1.54	0
CO8615+	CO8614	5.04	0 1-	4ACSR	0	0	947	285	0	0	0	0.00	1.54	0
CO8633+	OC756203046	4.61	2 1-	4ACSR	0	0	1023	292	22	1	1	0.00	1.54	0
CO8632+	CO8633	4.63	1 1-	4ACSR	0	0	1019	292	12	0	1	0.00	1.54	0
CO8418+	CO8542	4.56	109 3-	1/0ACSR	1204	1166	1036	293	569	12	6	0.01	1.53	5

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
OC-1286986008+	CO8505+	CO8418	4.58	109 3-	1/0ACSR	1201	1164	1034	293	569	12	6	0.00	1.53	0
	CO8507+	CO8505	4.60	107 3-	1/0ACSR	1198	1161	1031	293	564	12	6	0.00	1.54	2
	CO8506+	CO8507	4.62	106 3-	1/0ACSR	1196	1158	1028	293	553	12	5	0.00	1.54	0
	CO8436+	CO8506	4.70	0 1-	4ACSR	0	0	1014	291	0	0	0	0.00	1.54	0
	CO8436+	CO8436	4.70	0 1-	20 N FUSE	0	0	1014	291	0	0	0	0.00	1.54	0
	CO8539+	CO8506	4.64	106 3-	1/0ACSR	1193	1156	1025	292	553	12	5	0.00	1.54	0
	CO8541+	CO8539	4.66	106 3-	1/0ACSR	1191	1153	1023	292	553	12	5	0.00	1.54	0
	CO8540+	CO8541	4.69	105 3-	1/0ACSR	1188	1150	1020	292	552	12	5	0.00	1.55	2
	CO8462+	CO8540	4.77	2 1-	2ACSR	0	0	1007	291	15	1	1	0.00	1.55	0
	CO8664+	CO8540	4.70	47 1-	2ACSR	0	0	1019	292	267	18	10	0.00	1.55	0
	OC219+	CO8664	4.70	47 1-	50 L OCR	0	0	1019	292	267	18	0	0.00	1.55	0
	CO8665+	OC219	4.71	47 1-	2ACSR	0	0	1017	292	267	18	10	0.00	1.55	0
	CO8510+	CO8665	4.82	47 1-	2ACSR	0	0	1000	291	267	18	10	0.03	1.58	13
	CO8577+	CO8510	4.91	1 1-	2ACSR	0	0	988	290	12	0	0	0.00	1.58	0
	CO8576+	CO8577	5.02	1 1-	2ACSR	0	0	973	288	12	0	0	0.00	1.58	0
	CO8400+	CO8510	4.94	46 1-	2ACSR	0	0	983	289	255	17	10	0.03	1.62	13
	CO8399+	CO8400	5.02	45 1-	2ACSR	0	0	972	288	255	17	10	0.02	1.64	9
	CO8439+	CO8399	5.12	1 1-	4ACSR	0	0	956	287	2	0	0	0.00	1.64	0
	CO8526+	CO8399	5.07	43 1-	2ACSR	0	0	966	288	252	17	10	0.01	1.65	4
	CO8525+	CO8526	5.14	42 1-	2ACSR	0	0	956	287	241	16	9	0.02	1.67	7
	CO8450+	CO8525	5.23	1 1-	4ACSR	0	0	943	286	9	0	0	0.00	1.67	0
	CO8656+	CO8450	5.25	1 1-	1/0PRIURD	0	0	940	535	9	0	0	0.00	1.67	0
	CO8413+	CO8525	5.49	41 1-	2ACSR	0	0	913	283	232	15	9	0.09	1.76	31
	CO8511+	CO8413	5.56	34 1-	2ACSR	0	0	904	282	183	12	7	0.01	1.77	4
	CO8513+	CO8511	5.71	34 1-	2ACSR	0	0	887	281	183	12	7	0.03	1.80	8
	CO8512+	CO8513	5.75	34 1-	2ACSR	0	0	882	280	183	12	7	0.01	1.81	3
	CO8441+	CO8512	5.89	3 1-	4ACSR	0	0	863	278	6	0	0	0.00	1.81	0
	CO8401+	CO8512	5.78	31 1-	2ACSR	0	0	879	280	178	12	7	0.01	1.81	0
	CO8582+	CO8401	5.80	2 1-	4ACSR	0	0	877	280	6	0	0	0.00	1.81	0
	CO8443+	CO8582	5.85	1 1-	4ACSR	0	0	869	279	2	0	0	0.00	1.81	0
	CO8581+	CO8582	5.89	1 1-	4ACSR	0	0	864	279	4	0	0	0.00	1.81	0
	CO8442+	CO8401	5.84	1 1-	4ACSR	0	0	870	279	6	0	0	0.00	1.81	0
	CO8402+	CO8401	5.81	28 1-	2ACSR	0	0	876	280	165	11	6	0.00	1.82	0
	CO8403+	CO8402	5.86	27 1-	2ACSR	0	0	870	279	163	11	6	0.01	1.83	0
	CO8584+	CO8403	5.93	2 1-	4ACSR	0	0	860	278	2	0	0	0.00	1.83	0
	CO8583+	CO8584	5.99	2 1-	4ACSR	0	0	852	277	2	0	0	0.00	1.83	0
	CO8404+	CO8403	5.99	25 1-	2ACSR	0	0	856	278	161	11	6	0.02	1.85	6
	CO8405+	CO8404	6.14	22 1-	2ACSR	0	0	840	276	143	9	5	0.02	1.87	5
OC-1097893874+	CO8405	6.14	22 1-	20 N FUSE	0	0	840	276	143	9	49	0.00	1.87	0	
	CO8593+	OC-1097893874	6.22	1 1-	4ACSR	0	0	830	275	4	0	0	0.00	1.87	0
	CO8592+	CO8593	6.27	1 1-	4ACSR	0	0	823	274	4	0	0	0.00	1.87	0
	CO8590+	OC-1097893874	6.20	1 1-	4ACSR	0	0	833	276	22	1	1	0.00	1.87	0
	CO8406+	OC-1097893874	6.25	20 1-	2ACSR	0	0	829	275	117	8	4	0.01	1.89	3
	CO8518+	CO8406	6.33	2 1-	2ACSR	0	0	822	274	19	1	1	0.00	1.89	0
	CO8520+	CO8518	6.38	1 1-	2ACSR	0	0	817	274	15	0	1	0.00	1.89	0
	CO8519+	CO8520	6.69	1 1-	2ACSR	0	0	787	271	15	0	1	0.00	1.89	0
	CO8515+	CO8406	6.35	17 1-	2ACSR	0	0	819	274	97	6	4	0.01	1.90	0
	CO8514+	CO8515	6.48	17 1-	2ACSR	0	0	807	273	97	6	4	0.01	1.91	0
	CO8595+	CO8514	6.58	3 1-	4ACSR	0	0	795	272	27	1	1	0.00	1.91	0
	CO8594+	CO8595	6.62	2 1-	4ACSR	0	0	790	271	16	1	1	0.00	1.91	0
	CO8596+	CO8594	6.68	1 1-	4ACSR	0	0	784	270	9	0	0	0.00	1.91	0
	CO8407+	CO8514	6.55	12 1-	2ACSR	0	0	800	272	54	3	2	0.00	1.91	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8446+	CO8407	6.75	1 1-	4ACSR	0	0	778	269	2	0	0	0.00	1.91	0
CO8408+	CO8407	6.56	11 1-	2ACSR	0	0	799	272	52	3	2	0.00	1.91	0
CO8517+	CO8408	6.63	10 1-	2ACSR	0	0	793	271	40	2	2	0.00	1.92	0
CO8516+	CO8517	6.80	10 1-	2ACSR	0	0	778	270	40	2	2	0.01	1.92	0
CO8409+	CO8516	6.93	7 1-	2ACSR	0	0	766	268	30	2	1	0.00	1.93	0
CO8602+	CO8409	6.98	1 1-	4ACSR	0	0	761	268	0	0	0	0.00	1.93	0
CO8601+	CO8602	7.03	1 1-	4ACSR	0	0	756	267	0	0	0	0.00	1.93	0
CO8410+	CO8409	7.03	5 1-	2ACSR	0	0	758	267	12	0	0	0.00	1.93	0
CO16983+	CO8410	7.16	5 1-	2ACSR	0	0	747	266	12	0	0	0.00	1.93	0
CO8672+	CO16983	7.23	3 1-	2ACSR	0	0	741	265	12	0	0	0.00	1.93	0
CO8674+	CO8672	7.30	1 1-	2ACSR	0	0	736	265	0	0	0	0.00	1.93	0
CO8673+	CO8674	7.35	0 1-	2ACSR	0	0	732	264	0	0	0	0.00	1.93	0
CO16982+	CO16983	7.33	2 1-	2ACSR	0	0	734	265	0	0	0	0.00	1.93	0
CO16984+	CO16982	7.54	2 1-	2ACSR	0	0	718	263	0	0	0	0.00	1.93	0
CO30665+	CO16984	7.76	2 1-	2ACSR	0	0	701	260	0	0	0	0.00	1.93	0
CO8668+	CO30665	7.89	1 1-	2ACSR	0	0	692	259	0	0	0	0.00	1.93	0
CO8670+	CO30665	7.93	0 1-	2ACSR	0	0	689	259	0	0	0	0.00	1.93	0
CO8671+	CO8670	8.22	0 1-	2ACSR	0	0	670	256	0	0	0	0.00	1.93	0
CO17108+	CO8671	8.63	0 1-	2ACSR	0	0	644	253	0	0	0	0.00	1.93	0
CO8449+	CO16982	7.46	0 1-	4ACSR	0	0	721	263	0	0	0	0.00	1.93	0
CO8660+	CO8410	7.03	0 1-	2ACSR	0	0	758	267	0	0	0	0.00	1.93	0
CO8448+	CO8409	7.05	1 1-	4ACSR	0	0	754	267	17	1	1	0.00	1.93	0
CO8522+	CO8516	6.82	3 1-	4ACSR	0	0	775	269	10	0	0	0.00	1.92	0
CO8521+	CO8522	6.97	3 1-	4ACSR	0	0	759	267	10	0	0	0.00	1.93	0
CO8600+	CO8521	7.13	1 1-	4ACSR	0	0	742	265	1	0	0	0.00	1.93	0
CO8599+	CO8600	7.19	1 1-	4ACSR	0	0	736	264	1	0	0	0.00	1.93	0
CO8598+	CO8521	7.02	1 1-	4ACSR	0	0	754	267	4	0	0	0.00	1.93	0
CO8597+	CO8598	7.06	1 1-	4ACSR	0	0	749	266	4	0	0	0.00	1.93	0
CO8447+	CO8408	6.60	1 1-	4ACSR	0	0	795	272	13	0	1	0.00	1.91	0
CO8586+	CO8404	6.14	3 1-	4ACSR	0	0	837	276	18	1	1	0.00	1.85	0
CO8445+	CO8586	6.21	1 1-	4ACSR	0	0	827	275	9	0	0	0.00	1.85	0
CO8585+	CO8586	6.29	2 1-	4ACSR	0	0	818	274	9	0	0	0.00	1.85	0
CO8444+	CO8402	5.89	1 1-	4ACSR	0	0	865	279	2	0	0	0.00	1.82	0
CO8509+	CO8413	5.64	7 1-	4ACSR	0	0	890	281	48	3	2	0.01	1.77	0
CO8508+	CO8509	5.79	6 1-	4ACSR	0	0	869	279	43	2	2	0.01	1.78	0
CO8579+	CO8508	5.87	1 1-	4ACSR	0	0	858	277	8	0	0	0.00	1.78	0
CO8578+	CO8508	5.89	4 1-	4ACSR	0	0	855	277	21	1	1	0.00	1.78	0
CO8580+	CO8578	6.00	2 1-	4ACSR	0	0	841	276	16	1	1	0.00	1.78	0
CO8440+	CO8508	5.85	1 1-	4ACSR	0	0	861	278	14	0	1	0.00	1.78	0
CO8438+	CO8400	5.10	1 1-	4ACSR	0	0	957	287	0	0	0	0.00	1.62	0
CO8662+	CO8540	4.70	54 1-	6ACWC	0	0	1018	292	266	18	13	0.00	1.55	0
OC218+	CO8662	4.70	54 1-	50 L OCR	0	0	1018	292	266	18	0	0.00	1.55	0
CO8663+	OC218	4.72	54 1-	6ACWC	0	0	1015	292	266	18	13	0.01	1.56	4
CO8537+	CO8663	4.81	51 1-	6ACWC	0	0	997	290	238	16	12	0.03	1.59	13
CO8538+	CO8537	4.93	50 1-	6ACWC	0	0	977	288	227	15	11	0.04	1.63	14
CO8628+	CO8538	5.02	2 1-	4ACSR	0	0	961	287	11	0	1	0.00	1.63	0
CO8627+	CO8628	5.05	1 1-	4ACSR	0	0	956	286	10	0	0	0.00	1.63	0
CO8629+	CO8627	5.11	1 1-	4ACSR	0	0	947	285	10	0	0	0.00	1.63	0
CO8417+	CO8538	5.04	47 1-	6ACWC	0	0	958	287	213	14	10	0.04	1.67	12
CO8456+	CO8417	5.14	1 1-	4ACSR	0	0	941	285	6	0	0	0.00	1.67	0
CO8535+	CO8417	5.07	45 1-	6ACWC	0	0	953	286	198	13	10	0.01	1.68	3
CO8534+	CO8535	5.12	44 1-	6ACWC	0	0	945	285	195	13	10	0.01	1.69	5

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8536+	CO8534	5.18	43 1-	6ACWC	0	0	935	284	194	13	9	0.02	1.71	5
CO8416+	CO8536	5.25	38 1-	6ACWC	0	0	924	283	167	11	8	0.02	1.73	5
CO8531+	CO8416	5.29	11 1-	6ACWC	0	0	918	283	44	3	2	0.00	1.73	0
CO8533+	CO8531	5.35	11 1-	6ACWC	0	0	909	282	44	3	2	0.00	1.73	0
OC-1364683940+	CO8533	5.35	11 1-	20 N FUSE	0	0	909	282	44	3	15	0.00	1.73	0
CO8471+	OC-1364683940	5.40	1 1-	4ACSR	0	0	901	281	0	0	0	0.00	1.73	0
CO8532+	OC-1364683940	5.40	10 1-	6ACWC	0	0	901	281	44	3	2	0.00	1.74	0
CO8549+	CO8532	5.45	10 1-	6ACWC	0	0	894	280	44	3	2	0.00	1.74	0
CO8548+	CO8549	5.51	10 1-	6ACWC	0	0	886	279	44	3	2	0.00	1.74	0
CO8461+	CO8548	5.67	0 1-	6ACWC	0	0	863	277	0	0	0	0.00	1.74	0
CO8420+	CO8548	5.84	6 1-	6ACWC	0	0	840	275	20	1	1	0.01	1.75	0
CO8459+	CO8420	5.92	0 1-	6ACWC	0	0	830	273	0	0	0	0.00	1.75	0
CO8547+	CO8420	5.87	2 1-	6ACWC	0	0	836	274	4	0	0	0.00	1.75	0
OC-2106827427+	CO8547	5.87	2 1-	20 N FUSE	0	0	836	274	4	0	1	0.00	1.75	0
CO8544+	OC-2106827427	6.74	2 1-	6ACWC	0	0	736	262	4	0	0	0.01	1.76	0
CO8546+	CO8544	6.80	2 1-	6ACWC	0	0	730	261	4	0	0	0.00	1.76	0
CO8545+	CO8546	6.86	1 1-	6ACWC	0	0	725	261	4	0	0	0.00	1.76	0
CO8635+	CO8420	5.92	3 1-	6ACWC	0	0	829	273	13	0	1	0.00	1.75	0
CO8634+	CO8635	5.97	2 1-	6ACWC	0	0	823	273	13	0	1	0.00	1.75	0
CO214748615+	CO8634	6.10	1 1-	2ACSR	0	0	811	271	11	0	0	0.00	1.76	0
CO8636+	CO8548	5.58	4 1-	6ACWC	0	0	875	278	24	1	1	0.00	1.75	0
CO8460+	CO8636	5.64	2 1-	6ACWC	0	0	868	278	21	1	1	0.00	1.75	0
CO8637+	CO8636	5.63	1 1-	6ACWC	0	0	869	278	3	0	0	0.00	1.75	0
CO8623+	CO8416	5.30	16 1-	6ACWC	0	0	917	283	59	4	3	0.00	1.73	0
CO8453+	CO8623	5.35	5 1-	6ACWC	0	0	909	282	8	0	0	0.00	1.73	0
CO8451+	CO8623	5.34	2 1-	6ACWC	0	0	910	282	13	0	1	0.00	1.73	0
CO8624+	CO8623	5.35	6 1-	6ACWC	0	0	908	282	38	2	2	0.00	1.73	0
CO8619+	CO8624	5.40	4 1-	6ACWC	0	0	901	281	33	2	2	0.00	1.73	0
CO8622+	CO8619	5.46	3 1-	6ACWC	0	0	893	280	24	1	1	0.00	1.74	0
CO8620+	CO8622	5.56	2 1-	6ACWC	0	0	879	279	11	0	1	0.00	1.74	0
CO8621+	CO8620	5.68	0 1-	6ACWC	0	0	862	277	0	0	0	0.00	1.74	0
CO8612+	CO8416	5.31	3 1-	6ACWC	0	0	916	282	17	1	1	0.00	1.73	0
CO8611+	CO8612	5.36	3 1-	6ACWC	0	0	908	282	17	1	1	0.00	1.73	0
CO8626+	CO8416	5.31	5 1-	6ACWC	0	0	916	282	30	2	1	0.00	1.73	0
CO8625+	CO8626	5.33	4 1-	6ACWC	0	0	912	282	18	1	1	0.00	1.73	0
CO8455+	CO8536	5.25	2 1-	4ACSR	0	0	924	283	14	0	1	0.00	1.71	0
CO118866258+	CO8455	5.31	0 1-	2ACSR	0	0	916	283	0	0	0	0.00	1.71	0
CO8454+	CO8536	5.24	0 1-	4ACSR	0	0	926	283	0	0	0	0.00	1.71	0
CO8631+	CO8663	4.83	3 1-	4ACSR	0	0	994	290	29	1	1	0.00	1.56	0
CO8630+	CO8631	4.86	1 1-	4ACSR	0	0	988	289	18	1	1	0.00	1.56	0
CO8458+	CO8542	4.53	2 1-	4ACSR	0	0	1037	293	40	2	2	0.00	1.53	0
OC-440812764+	CO8458	4.53	2 1-	20 N FUSE	0	0	1037	293	40	2	14	0.00	1.53	0
CO8437+	OC-440812764	4.64	2 1-	4ACSR	0	0	1016	291	40	2	2	0.01	1.53	0
CO8468+	CO8437	4.70	1 1-	2ACSR	0	0	1008	291	21	1	1	0.00	1.53	0
CO8457+	CO8542	4.60	2 1-	4ACSR	0	0	1024	292	7	0	0	0.00	1.53	0
OC-951562107+	CO8457	4.60	0 1-	20 N FUSE	0	0	1024	292	0	0	0	0.00	1.53	0
CO8435+	CO8398	4.26	1 1-	1/0ACSR	0	0	1075	296	4	0	0	0.00	1.48	0
OC-861666059+	CO8435	4.26	0 1-	20 N FUSE	0	0	1075	296	0	0	0	0.00	1.48	0
CO8434+	CO8398	4.22	1 1-	1/0ACSR	0	0	1080	296	13	0	0	0.00	1.48	0
OC1938671762+	CO8434	4.22	0 1-	20 N FUSE	0	0	1080	296	0	0	0	0.00	1.48	0
CO8433+	CO8501	4.13	2 1-	1/0ACSR	0	0	1093	297	8	0	0	0.00	1.46	0
OC-1962478163+	CO8433	4.13	0 1-	20 N FUSE	0	0	1093	297	0	0	0	0.00	1.46	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO797744820+	CO8397	3.65	3 1-	2ACSR	0	0	1162	300	22	1	1	0.00	1.38	0
OC-1329611714+	CO797744820	3.65	1 1-	20 N FUSE	0	0	1162	300	1	0	0	0.00	1.38	0
CO-852026489+	OC-1329611714	3.86	1 1-	2ACSR	0	0	1123	298	1	0	0	0.00	1.38	0
CO8431+	CO8397	3.70	1 1-	1/0ACSR	0	0	1156	300	12	0	0	0.00	1.38	0
OC1346556861+	CO8431	3.70	0 1-	20 N FUSE	0	0	1156	300	0	0	0	0.00	1.38	0
CO8427+	CO8411	3.21	0 1-	4ACSR	0	0	1235	304	0	0	0	0.00	1.29	0
OC1102414105+	CO8427	3.21	0 1-	20 N FUSE	0	0	1235	304	0	0	0	0.00	1.29	0
CO8473+	CO8655	2.78	1 1-	2ACSR	0	0	1318	308	10	0	0	0.00	1.19	0
OC-150155458+	CO8473	2.78	0 1-	20 N FUSE	0	0	1318	308	0	0	0	0.00	1.19	0
CO8825+	CO8747	2.27	1 1-	2ACSR	0	0	1477	316	1	0	0	0.00	0.98	0
OC1047694241+	CO8825	2.27	0 1-	20 N FUSE	0	0	1477	316	0	0	0	0.00	0.98	0
CO8791+	CO8747	2.35	1 1-	4ACSR	0	0	1445	314	3	0	0	0.00	0.98	0
OC1863018195+	CO8791	2.35	0 1-	20 N FUSE	0	0	1445	314	0	0	0	0.00	0.98	0
CO8792+	CO8988	1.85	1 1-	4ACSR	0	0	1648	324	1	0	0	0.00	0.72	0
OC-1942476724+	CO8792	1.85	0 1-	20 N FUSE	0	0	1648	324	0	0	0	0.00	0.72	0
CO8991+	CO8740	1.06	1 1-	2ACSR	0	0	2072	340	38	2	1	0.00	0.30	0
OC1739331772+	CO8991	1.06	0 1-	20 N FUSE	0	0	2072	340	0	0	0	0.00	0.30	0
CO203378322+	OC1739331772	1.09	0 1-	2ACSR	0	0	2052	340	0	0	0	0.00	0.30	0
CO8992+	OC1739331772	1.11	0 1-	4ACSR	0	0	2043	339	0	0	0	0.00	0.30	0
CO8993+	CO8998	0.94	1 1-	4ACSR	0	0	2140	342	5	0	0	0.00	0.23	0
OC-925099864+	CO8993	0.94	0 1-	20 N FUSE	0	0	2140	342	0	0	0	0.00	0.23	0
SUB	0 total losses:	\$37,633												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0 PLUMMERS LANDIN		1372			5516	5758	5823	180	7666					
CO-870739298	PLUMMERS LANDIN	0.00	1372 3-	500 MCM ACSR 30	5515	5756	5821	180	7666	347	50	0.00	0.00	8
CO-1660857539	CO-870739298	0.00	1372 3-	500 MCM ACSR 30	5514	5754	5819	180	7666	347	50	0.00	0.00	6
CO1110436308	CO-1660857539	0.00	276 3-	500 MCM ACSR 30	5512	5751	5816	180	1993	92	13	0.00	0.00	0
Hillsboro Ckt	CO1110436308	0.00	276 3-	560 200WVE	5512	5751	5816	180	1993	92	17	0.00	0.00	0
CO37369539	Hillsboro Ckt	0.00	276 3-	2ACSR	5510	5747	5812	180	1993	92	51	0.00	0.00	5
CO-645463664	CO37369539	0.03	276 3-	336ACSR	5446	5621	5684	180	1993	92	18	0.02	0.02	35
CO290011526	CO-645463664	0.07	276 3-	336ACSR	5329	5406	5460	180	1992	92	18	0.03	0.05	66
CO-1589892128	CO290011526	0.11	276 3-	336ACSR	5214	5250	5244	179	1992	92	18	0.03	0.08	68
CO1139080910	CO-1589892128	0.13	276 3-	336ACSR	5163	5189	5164	179	1992	92	18	0.01	0.10	31
SW-1712120598-B	CO1139080910	0.13	276 3-	Closed	5163	5189	5164	179	1992	92	0	0.00	0.10	0
SW-1712120598-A	SW-1712120598-B	0.13	276 3-	Closed	5163	5189	5164	179	1992	92	0	0.00	0.10	0
CO-2108766836	SW-1712120598-A	0.15	0 3-	336ACSR	5119	5137	5086	179	0	0	0	0.00	0.10	0
CO1445371520	CO-2108766836	0.19	0 3-	336ACSR	5037	5040	4941	179	0	0	0	0.00	0.10	0
CO-715835372	CO1445371520	0.20	0 3-	336ACSR	5012	5009	4896	179	0	0	0	0.00	0.10	0
SW1577090571-A	CO-715835372	0.20	0 3-	Open	5012	5009	4896	179	0	0	0	0.00	0.10	0
CO1000612563	SW-1712120598-A	0.30	276 3-	336ACSR	4782	4740	4510	179	1992	92	18	0.12	0.22	252
CO5431	CO1000612563	0.59	276 3-	336ACSR	4222	4106	3777	178	1990	92	18	0.21	0.43	448
CO5438	CO5431	0.68	276 3-	336ACSR	4079	3949	3602	178	1988	92	18	0.06	0.49	133
CO5319	CO5438	0.75	31 3-	336ACSR	3969	3829	3471	178	686	30	6	0.01	0.50	12
CO5450	CO5319	0.76	0 1-	336 MCM ACSR 30	0	0	3448	178	0	0	0	0.00	0.50	0
CO5406	CO5319	0.82	28 3-	336ACSR	3865	3717	3349	178	682	30	6	0.01	0.51	12
CO5408	CO5406	0.85	28 3-	336ACSR	3823	3672	3301	178	682	30	6	0.00	0.52	5
FD470114044	CO5408	0.85	26 3-	_DefaultBayEqui	3823	3672	3301	178	670	29	0	0.00	0.52	0
CO5407	FD470114044	1.06	26 3-	336ACSR	3553	3386	2996	178	670	29	6	0.03	0.55	33
OC470114044	CO5407	1.06	26 3-	20 N FUSE	3553	3386	2996	178	670	33	165	0.00	0.55	0
CO5405	OC470114044	1.10	26 3-	336ACSR	3496	3327	2935	178	670	33	6	0.01	0.56	9
CO5320	CO5405	1.11	0 3-	4ACSR	3482	3311	2919	177	0	0	0	0.00	0.56	0
CO30669	CO5405	1.24	1 3-	4ACSR	3210	3005	2638	176	0	0	0	0.00	0.56	0
CO5299	CO5405	1.16	13 3-	336ACSR	3429	3256	2862	177	619	30	6	0.02	0.58	10
CO5353	CO5299	1.21	1 1-	4ACSR	0	0	2760	177	344	50	36	0.12	0.69	66
330646066	CO5353	1.21	1 1-	Consumer	0	0	2760	177	344	50	0	0.00	0.69	0
CO964993970	CO5299	1.18	12 3-	2ACSR	3400	3225	2831	177	275	13	8	0.01	0.58	3
CO-1855999486	CO964993970	1.20	12 3-	2ACSR	3364	3186	2793	177	275	13	8	0.01	0.59	3
CO5418	CO-1855999486	1.27	12 3-	336ACSR	3283	3103	2708	177	275	13	3	0.01	0.60	2
CO5354	CO5418	1.33	2 3-	4ACSR	3183	2990	2606	176	32	1	1	0.00	0.60	0
CO5298	CO5418	1.31	8 3-	336ACSR	3247	3065	2670	177	62	3	1	0.00	0.60	0
CO5328	CO5298	1.37	1 1-	336 MCM ACSR 30	0	0	2605	177	19	2	1	0.00	0.60	0
CO5293	CO5298	1.42	6 3-	336ACSR	3139	2955	2559	177	30	1	0	0.00	0.60	0
CO5321	CO5293	1.47	0 1-	336 MCM ACSR 30	0	0	2515	177	0	0	0	0.00	0.60	0
CO5292	CO5293	1.45	3 3-	336ACSR	3111	2927	2530	177	17	0	0	0.00	0.60	0
CO5322	CO5292	1.48	1 1-	336 MCM ACSR 30	0	0	2498	177	12	1	0	0.00	0.60	0
CO5294	CO5292	1.52	2 3-	336ACSR	3046	2860	2464	177	5	0	0	0.00	0.60	0
CO5496	CO5294	1.55	1 1-	336 MCM ACSR 30	0	0	2433	176	3	0	0	0.00	0.60	0
CO5497	CO5496	1.58	1 1-	336 MCM ACSR 30	0	0	2413	176	3	0	0	0.00	0.60	0
CO5487	CO5294	1.53	1 3-	336ACSR	3040	2854	2458	177	3	0	0	0.00	0.60	0
CO5488	CO5487	1.68	1 3-	336ACSR	2903	2717	2322	176	3	0	0	0.00	0.60	0
SW1467466824-B	CO5488	1.68	0 3-	Open	2903	2717	2322	176	0	0	0	0.00	0.60	0
CO5363	CO5488	1.79	1 1-	2ACSR	0	0	2186	175	3	0	0	0.00	0.60	0
CO5447	CO5418	1.35	2 1-	336 MCM ACSR 30	0	0	2635	177	181	26	5	0.02	0.62	3
CO5445	CO5447	1.42	1 1-	336 MCM ACSR 30	0	0	2562	177	134	19	4	0.01	0.63	0

Substation Power Factor: 0.97
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5446	CO5445	1.44	0 1-	336 MCM ACSR 30	0	0	2544	177	0	0	0	0.00	0.63	0
CO5451	CO5405	1.17	7 1-	336 MCM ACSR 30	0	0	2856	177	41	6	1	0.00	0.56	0
CO5453	CO5451	1.24	3 1-	336 MCM ACSR 30	0	0	2778	177	20	3	1	0.00	0.57	0
CO5452	CO5453	1.29	2 1-	336 MCM ACSR 30	0	0	2718	177	18	2	0	0.00	0.57	0
CO5449	CO5405	1.18	1 1-	336 MCM ACSR 30	0	0	2849	177	2	0	0	0.00	0.56	0
CO5448	CO5449	1.22	1 1-	336 MCM ACSR 30	0	0	2795	177	2	0	0	0.00	0.56	0
CA57	CO5407	1.06	0 3-	Capacitor	3553	3386	2996	178	0	-14	0	0.00	0.55	0
CO5477	CO5408	0.90	2 1-	2ACSR	0	0	3172	178	12	1	1	0.00	0.52	0
CO5494	CO5477	0.91	0 1-	336 MCM ACSR 30	0	0	3166	178	0	0	0	0.00	0.52	0
CO5495	CO5494	0.94	0 1-	336 MCM ACSR 30	0	0	3124	178	0	0	0	0.00	0.52	0
CO5476	CO5477	0.99	1 1-	2ACSR	0	0	2979	177	5	0	0	0.00	0.52	0
CO5415	CO5438	0.71	245 3-	336ACSR	4034	3899	3548	178	1302	64	12	0.02	0.51	21
CO5416	CO5415	0.82	245 3-	336ACSR	3865	3717	3349	178	1302	64	12	0.07	0.57	84
CO5493	CO5416	0.85	244 3-	336ACSR	3824	3673	3302	178	1301	64	12	0.02	0.59	21
CO5417	CO5493	0.87	243 3-	336ACSR	3792	3639	3265	178	1293	63	12	0.01	0.60	16
CO5352	CO5417	0.89	1 1-	4ACSR	0	0	3205	178	17	2	2	0.00	0.61	0
CO5305	CO5417	0.94	241 3-	336ACSR	3702	3544	3163	178	1267	62	12	0.04	0.64	47
CO5342	CO5305	1.03	1 1-	336 MCM ACSR 30	0	0	3033	178	1	0	0	0.00	0.64	0
CO5306	CO5305	1.18	240 3-	336ACSR	3411	3238	2843	177	1266	62	12	0.13	0.78	167
CO5341	CO5306	1.21	1 1-	336 MCM ACSR 30	0	0	2805	177	11	1	0	0.00	0.78	0
OC-1028383170	CO5341	1.21	0 1-	20 N FUSE	0	0	2805	177	0	0	0	0.00	0.78	0
CO5340	CO5306	1.23	2 1-	336 MCM ACSR 30	0	0	2789	177	12	1	0	0.00	0.78	0
OC1027893628	CO5340	1.23	0 1-	20 N FUSE	0	0	2789	177	0	0	0	0.00	0.78	0
CO5300	CO5306	1.34	237 3-	336ACSR	3240	3062	2662	177	1242	61	12	0.09	0.86	108
CO5401	CO5300	1.36	194 3-	336ACSR	3223	3044	2645	177	999	49	10	0.01	0.87	7
CO5402	CO5401	1.39	194 3-	336ACSR	3190	3010	2610	177	998	49	10	0.01	0.89	14
CO5404	CO5402	1.41	192 3-	336ACSR	3165	2984	2584	177	984	48	9	0.01	0.90	11
CO5403	CO5404	1.44	192 3-	336ACSR	3144	2963	2563	177	984	48	9	0.01	0.91	9
CO5491	CO5403	1.44	72 3-	4ACSR	3132	2950	2551	177	402	19	14	0.01	0.91	4
OC150	CO5491	1.44	72 3-	50 L OCR	3132	2950	2551	177	402	19	0	0.00	0.91	0
CO5492	OC150	1.53	72 3-	4ACSR	2977	2777	2399	176	402	19	14	0.07	0.98	51
CO5411	CO5492	1.79	72 3-	4ACSR	2536	2383	2006	173	402	19	14	0.21	1.19	151
CO5332	CO5411	1.89	1 1-	336 MCM ACSR 30	0	0	1952	173	3	0	0	0.00	1.19	0
OC-21896800	CO5332	1.89	0 1-	20 N FUSE	0	0	1952	173	0	0	0	0.00	1.19	0
CO5331	CO5411	1.86	1 1-	336 MCM ACSR 30	0	0	1965	173	7	0	0	0.00	1.19	0
OC1032484006	CO5331	1.86	0 1-	20 N FUSE	0	0	1965	173	0	0	0	0.00	1.19	0
CO5307	CO5411	1.89	70 3-	4ACSR	2386	2253	1881	172	392	19	14	0.08	1.27	54
CO5330	CO5307	1.94	2 1-	336 MCM ACSR 30	0	0	1858	172	13	1	0	0.00	1.27	0
OC442772939	CO5330	1.94	1 1-	20 N FUSE	0	0	1858	172	5	0	4	0.00	1.27	0
CO5329	OC442772939	1.98	1 1-	336 MCM ACSR 30	0	0	1835	172	5	0	0	0.00	1.27	0
CO5410	CO5307	2.03	68 3-	4ACSR	2195	2086	1727	170	378	18	13	0.10	1.37	71
CO5409	CO5410	2.10	68 3-	4ACSR	2113	2014	1661	170	378	18	13	0.05	1.42	34
CO5349	CO5409	2.13	1 1-	4ACSR	0	0	1634	169	9	1	1	0.00	1.42	0
OC725236012	CO5349	2.13	0 1-	20 N FUSE	0	0	1634	169	0	0	0	0.00	1.42	0
CO8306	CO5409	2.16	66 3-	4ACSR	2043	1952	1606	169	369	18	13	0.04	1.46	28
CO4882	CO8306	2.26	65 3-	4ACSR	1926	1847	1514	168	366	18	13	0.08	1.54	51
CO4883	CO4882	2.32	65 3-	4ACSR	1869	1796	1470	168	365	18	13	0.04	1.58	26
CO4884	CO4883	2.39	64 3-	4ACSR	1801	1735	1417	167	364	18	13	0.05	1.63	33
CO4885	CO4884	2.55	64 3-	4ACSR	1658	1604	1306	165	364	18	13	0.12	1.75	78
CO4886	CO4885	2.62	63 3-	4ACSR	1605	1556	1265	165	360	17	13	0.05	1.79	31
CO4887	CO4886	2.67	63 3-	4ACSR	1566	1520	1235	164	360	17	13	0.04	1.83	24
CO4747	CO4887	2.80	57 1-	6ACWC	0	0	1166	163	338	50	36	0.30	2.13	168

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4894	CO4747	2.90	55 1-	6ACWC	0	0	1116	162	316	47	34	0.23	2.37	124
CO4895	CO4894	3.17	53 1-	6ACWC	0	0	1004	159	308	46	33	0.58	2.95	300
CO4896	CO4895	3.24	3 1-	6ACSR	0	0	968	158	17	2	3	0.01	2.96	0
CO4897	CO4896	3.38	2 1-	6ACSR	0	0	903	156	11	1	2	0.02	2.97	0
CO4898	CO4897	3.43	1 1-	6ACSR	0	0	884	156	11	1	2	0.00	2.97	0
CO5034	CO4895	3.17	50 1-	6ACWC	0	0	1001	159	290	43	31	0.01	2.96	7
OC132	CO5034	3.17	50 1-	35 H OCR	0	0	1001	159	290	43	125	0.00	2.96	0
CO5035	OC132	3.26	50 1-	6ACWC	0	0	969	158	290	43	31	0.18	3.14	85
CO4903	CO5035	3.32	45 1-	6ACWC	0	0	949	158	264	39	28	0.10	3.24	45
CO4904	CO4903	3.39	44 1-	6ACWC	0	0	926	157	249	37	27	0.12	3.36	49
CO4905	CO4904	3.44	43 1-	6ACWC	0	0	909	157	237	35	26	0.09	3.45	33
CO4906	CO4905	3.48	42 1-	6ACWC	0	0	897	157	214	32	23	0.06	3.50	20
CO4907	CO4906	3.64	41 1-	6ACWC	0	0	850	155	204	30	22	0.24	3.74	82
CO4755	CO4907	3.69	0 1-	6ACSR	0	0	832	154	0	0	0	0.00	3.74	0
CO4733	CO4907	3.83	41 1-	6ACWC	0	0	800	153	203	30	22	0.28	4.02	95
CO4756	CO4733	3.92	1 1-	6ACSR	0	0	770	152	7	1	1	0.00	4.02	0
CO4734	CO4733	3.88	39 1-	6ACWC	0	0	789	153	195	29	21	0.06	4.08	21
CO4758	CO4734	4.07	1 1-	6ACSR	0	0	731	151	0	0	0	0.00	4.08	0
CO4757	CO4734	3.95	2 1-	6ACSR	0	0	766	152	10	1	1	0.00	4.08	0
CO4735	CO4734	3.96	34 1-	6ACWC	0	0	769	152	176	26	19	0.10	4.18	27
CO4916	CO4735	3.99	21 1-	6ACWC	0	0	761	152	127	19	14	0.03	4.21	7
CO4917	CO4916	4.03	21 1-	6ACWC	0	0	754	152	127	19	14	0.03	4.24	6
CO4762	CO4917	4.07	1 1-	6ACWC	0	0	746	151	2	0	0	0.00	4.24	0
CO4761	CO4917	4.08	2 1-	6ACWC	0	0	743	151	2	0	0	0.00	4.24	0
CO4737	CO4917	4.10	16 1-	6ACWC	0	0	739	151	110	16	12	0.05	4.29	9
CO4778	CO4737	4.14	1 1-	6ACWC	0	0	729	151	12	1	1	0.00	4.29	0
CO4763	CO4737	4.19	1 1-	6ACWC	0	0	720	150	0	0	0	0.00	4.29	0
CO4738	CO4737	4.13	11 1-	6ACWC	0	0	732	151	80	12	9	0.02	4.31	2
CO4918	CO4738	4.16	9 1-	6ACWC	0	0	727	151	63	9	7	0.01	4.32	0
CO4765	CO4918	4.20	2 1-	6ACWC	0	0	717	150	11	1	1	0.00	4.32	0
CO4739	CO4918	4.28	6 1-	6ACWC	0	0	703	150	38	5	4	0.03	4.35	0
CO4919	CO4739	4.42	4 1-	6ACWC	0	0	677	149	21	3	2	0.02	4.36	0
CO4920	CO4919	4.51	3 1-	6ACWC	0	0	660	148	11	1	1	0.01	4.37	0
CO4921	CO4920	4.54	2 1-	6ACWC	0	0	657	148	11	1	1	0.00	4.37	0
CO4922	CO4921	4.61	2 1-	6ACWC	0	0	645	147	11	1	1	0.01	4.38	0
CO4923	CO4922	4.68	2 1-	6ACWC	0	0	634	146	11	1	1	0.01	4.38	0
CO4924	CO4923	4.75	2 1-	6ACWC	0	0	623	146	11	1	1	0.01	4.39	0
CO4925	CO4924	4.82	2 1-	6ACWC	0	0	612	145	11	1	1	0.01	4.39	0
CO4926	CO4925	4.86	2 1-	6ACWC	0	0	607	145	11	1	1	0.00	4.40	0
CO4927	CO4926	4.91	1 1-	6ACWC	0	0	599	145	10	1	1	0.00	4.40	0
CO4779	CO4739	4.34	1 1-	6ACWC	0	0	691	149	9	1	1	0.00	4.35	0
CO4764	CO4738	4.23	0 1-	6ACWC	0	0	713	150	0	0	0	0.00	4.31	0
CO4908	CO4735	4.00	6 1-	6ACWC	0	0	760	152	6	0	1	0.00	4.18	0
CO4909	CO4908	4.14	6 1-	6ACWC	0	0	730	151	6	0	1	0.01	4.18	0
OC-201403878	CO4909	4.14	6 1-	20 N FUSE	0	0	730	151	6	0	4	0.00	4.18	0
CO4910	OC-201403878	4.36	6 1-	6ACWC	0	0	687	149	6	0	1	0.01	4.19	0
CO4911	CO4910	4.50	6 1-	6ACWC	0	0	662	148	6	0	1	0.01	4.20	0
CO4912	CO4911	4.81	5 1-	6ACWC	0	0	614	145	6	0	1	0.01	4.21	0
CO4913	CO4912	4.90	4 1-	6ACWC	0	0	601	145	6	0	1	0.00	4.21	0
CO4914	CO4913	5.09	2 1-	6ACSR	0	0	566	143	3	0	0	0.00	4.22	0
CO4915	CO4914	5.16	1 1-	6ACSR	0	0	554	142	0	0	0	0.00	4.22	0
CO4759	CO4913	5.23	2 1-	6ACSR	0	0	543	141	3	0	0	0.01	4.22	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO795361010	CO4759	5.61	2 1-	2ACSR	0	0	511	139	3	0	0	0.00	4.23	0
CO4760	CO4735	4.03	3 1-	6ACSR	0	0	748	151	10	1	2	0.00	4.18	0
CO4899	CO5035	3.29	3 1-	6ACSR	0	0	955	158	11	1	2	0.00	3.14	0
CO4900	CO4899	3.33	2 1-	6ACSR	0	0	936	158	5	0	1	0.00	3.14	0
CO4901	CO4900	3.41	2 1-	6ACSR	0	0	899	156	5	0	1	0.00	3.15	0
CO4902	CO4901	3.49	2 1-	6ACSR	0	0	870	155	5	0	1	0.00	3.15	0
CO4800	CO4899	3.36	1 1-	6ACSR	0	0	924	157	6	0	1	0.00	3.14	0
CO-1044522907	CO4894	2.94	1 1-	2ACSR	0	0	1103	162	7	1	1	0.00	2.37	0
CO724591412	CO-1044522907	2.97	1 1-	1/0PRIURD	0	0	1094	361	7	1	1	0.00	2.37	0
CO4892	CO4747	2.84	1 1-	6ACWC	0	0	1145	162	11	1	1	0.00	2.14	0
CO4893	CO4892	2.87	1 1-	6ACWC	0	0	1129	162	11	1	1	0.00	2.14	0
CO4736	CO4887	2.75	5 3-	4ACSR	1506	1465	1189	163	17	0	1	0.00	1.83	0
CO4890	CO4736	2.91	1 3-	4ACSR	1405	1371	1111	162	5	0	0	0.00	1.83	0
CO4891	CO4890	2.94	0 3-	4ACSR	1385	1353	1096	161	0	0	0	0.00	1.83	0
CO4888	CO4736	2.84	0 1-	6ACWC	0	0	1146	162	0	0	0	0.00	1.83	0
CO4889	CO4888	2.89	0 1-	6ACWC	0	0	1119	162	0	0	0	0.00	1.83	0
CO4754	CO4885	2.62	1 1-	336 MCM ACSR 30	0	0	1289	165	4	0	0	0.00	1.75	0
CO4753	CO4885	2.62	0 1-	336 MCM ACSR 30	0	0	1289	165	0	0	0	0.00	1.75	0
OC1214124256	CO4753	2.62	0 1-	20 N FUSE	0	0	1289	165	0	0	0	0.00	1.75	0
CO-2027551947	CO5409	2.14	1 1-	2ACSR	0	0	1629	169	0	0	0	0.00	1.42	0
CO5412	CO5403	1.45	119 3-	336ACSR	3133	2952	2552	177	581	28	6	0.00	0.91	0
CO30693	CO5412	1.57	0 3-	336ACSR	3018	2835	2435	177	0	0	0	0.00	0.91	0
CO5413	CO5412	1.45	119 3-	336ACSR	3129	2947	2548	177	581	28	6	0.00	0.91	0
RG28	CO5413	1.45	118 3-	200.0000000000	3129	2947	2548	177	577	28	0	-0.91	0.00	0
CO8318	RG28	1.69	118 3-	336ACSR	2917	2733	2335	176	577	28	5	0.06	0.06	34
CO5516	CO8318	1.74	24 1-	4ACSR	0	0	2256	176	117	17	12	0.04	0.10	9
CO5554	CO5516	1.79	1 1-	4ACSR	0	0	2189	175	12	1	1	0.00	0.11	0
CO5712	CO5516	1.75	23 1-	4ACSR	0	0	2247	176	105	15	11	0.00	0.11	0
OC156	CO5712	1.75	23 1-	50 L OCR	0	0	2247	176	105	15	0	0.00	0.11	0
CO5713	OC156	1.77	23 1-	4ACSR	0	0	2223	176	105	15	11	0.01	0.12	0
CO5557	CO5713	1.81	1 1-	4ACSR	0	0	2159	175	5	0	1	0.00	0.12	0
CO5522	CO5713	2.03	22 1-	4ACSR	0	0	1885	173	100	14	11	0.18	0.30	28
CO371073868	CO5522	2.09	1 1-	1/0PRIURD	0	0	1843	424	8	1	1	0.00	0.30	0
CO5592	CO5522	2.11	19 1-	4ACSR	0	0	1796	172	72	10	8	0.04	0.34	5
CO5593	CO5592	2.22	18 1-	4ACSR	0	0	1681	171	72	10	8	0.06	0.40	7
CO5517	CO5593	2.34	8 1-	4ACSR	0	0	1571	169	34	5	4	0.03	0.42	0
CO5595	CO5517	2.44	6 1-	4ACSR	0	0	1493	168	29	4	3	0.02	0.44	0
CO5594	CO5595	2.51	5 1-	4ACSR	0	0	1439	168	24	3	3	0.01	0.45	0
CO5692	CO5594	2.52	5 1-	4ACSR	0	0	1429	168	24	3	3	0.00	0.46	0
CO5693	CO5692	2.60	4 1-	4ACSR	0	0	1372	167	13	1	1	0.01	0.46	0
CO1293243741	CO5693	2.76	0 1-	2ACSR	0	0	1293	166	0	0	0	0.00	0.46	0
CO5551	CO5693	2.68	3 1-	4ACSR	0	0	1320	166	13	1	1	0.00	0.47	0
CO5548	CO5693	2.69	1 1-	4ACSR	0	0	1317	166	0	0	0	0.00	0.46	0
CO5691	CO5517	2.45	1 1-	4ACSR	0	0	1485	168	2	0	0	0.00	0.42	0
CO8322	CO5691	2.53	0 1-	4ACSR	0	0	1421	167	0	0	0	0.00	0.42	0
CO5701	CO5593	2.26	10 1-	4ACSR	0	0	1650	170	38	5	4	0.01	0.40	0
CO5702	CO5701	2.35	10 1-	4ACSR	0	0	1563	169	38	5	4	0.03	0.43	0
CO5549	CO5702	2.40	0 1-	4ACSR	0	0	1524	169	0	0	0	0.00	0.43	0
CO5697	CO5702	2.38	10 1-	4ACSR	0	0	1543	169	38	5	4	0.01	0.44	0
CO5698	CO5697	2.47	10 1-	4ACSR	0	0	1468	168	38	5	4	0.02	0.46	0
CO5696	CO5698	2.55	9 1-	4ACSR	0	0	1409	167	37	5	4	0.02	0.48	0
CO5596	CO5696	2.59	8 1-	4ACSR	0	0	1384	167	34	5	4	0.01	0.49	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5556	CO5596	2.62	1 1-	4ACSR	0	0	1361	167	3	0	0	0.00	0.49	0
CO5521	CO5596	2.62	7 1-	4ACSR	0	0	1360	167	32	4	3	0.01	0.50	0
CO5547	CO5521	2.67	0 1-	4ACSR	0	0	1329	166	0	0	0	0.00	0.50	0
CO5518	CO5521	2.66	7 1-	4ACSR	0	0	1337	166	32	4	3	0.01	0.51	0
CO5662	CO5518	2.77	3 1-	4ACSR	0	0	1268	165	26	3	3	0.02	0.52	0
CO5663	CO5662	2.89	1 1-	4ACSR	0	0	1198	164	12	1	1	0.01	0.53	0
CO5694	CO5518	2.91	4 1-	4ACSR	0	0	1187	164	5	0	1	0.01	0.51	0
CO1651118997	CO5694	2.97	0 1-	2ACSR	0	0	1166	163	0	0	0	0.00	0.51	0
CO5695	CO5694	3.06	3 1-	4ACSR	0	0	1116	162	3	0	0	0.00	0.52	0
CO5566	CO5695	3.10	1 1-	2ACSR	0	0	1101	162	0	0	0	0.00	0.52	0
CO5565	CO5695	3.10	2 1-	4ACSR	0	0	1096	162	2	0	0	0.00	0.52	0
CO5562	CO5696	2.58	1 1-	2ACSR	0	0	1394	167	3	0	0	0.00	0.48	0
CO5550	CO5522	2.09	1 1-	4ACSR	0	0	1812	172	10	1	1	0.00	0.30	0
CO-2040412379	CO5550	2.14	0 1-	2ACSR	0	0	1776	172	0	0	0	0.00	0.30	0
CO5515	CO8318	1.75	94 3-	336ACSR	2867	2683	2286	176	460	22	4	0.01	0.07	6
CO5676	CO5515	1.79	2 1-	336 MCM ACSR 30	0	0	2261	176	8	1	0	0.00	0.07	0
OC-710506034	CO5676	1.79	1 1-	20 N FUSE	0	0	2261	176	1	0	1	0.00	0.07	0
CO5677	OC-710506034	1.86	1 1-	336 MCM ACSR 30	0	0	2208	176	1	0	0	0.00	0.07	0
CO5639	CO5515	1.92	92 3-	336 MCM ACSR 30	2742	2558	2165	176	453	22	4	0.03	0.11	15
CO5641	CO5639	2.02	92 3-	336 MCM ACSR 30	2673	2489	2098	176	453	22	4	0.02	0.13	9
CO5640	CO5641	2.09	91 3-	336 MCM ACSR 30	2625	2442	2053	176	447	22	4	0.01	0.14	6
CO5514	CO5640	2.15	88 3-	336ACSR	2586	2404	2017	175	426	20	4	0.01	0.15	4
CO5659	CO5514	2.17	85 3-	336ACSR	2571	2389	2003	175	411	20	4	0.00	0.15	0
CO8313	CO5659	2.40	85 3-	336ACSR	2431	2252	1874	175	411	20	4	0.04	0.20	16
CO5275	CO8313	2.72	84 3-	336ACSR	2259	2084	1719	174	398	19	4	0.06	0.25	22
CO5224	CO5275	2.97	84 3-	336ACSR	2144	1973	1618	174	398	19	4	0.04	0.30	17
CO5288	CO5224	2.97	11 1-	4ACSR	0	0	1613	174	50	7	5	0.00	0.30	0
OC139	CO5288	2.97	11 1-	50 H OCR	0	0	1613	174	50	7	15	0.00	0.30	0
CO5289	OC139	3.51	11 1-	4ACSR	0	0	1268	168	50	7	5	0.18	0.48	15
CO5221	CO5289	3.56	2 1-	4ACSR	0	0	1244	168	5	0	0	0.00	0.48	0
CO5222	CO5221	3.65	2 1-	4ACSR	0	0	1198	167	5	0	0	0.00	0.48	0
CO5223	CO5222	3.67	1 1-	4ACSR	0	0	1189	166	4	0	0	0.00	0.48	0
CO8302	CO5223	3.80	0 1-	4ACSR	0	0	1126	165	0	0	0	0.00	0.48	0
CO5094	CO5223	3.80	1 1-	4ACSR	0	0	1126	165	4	0	0	0.00	0.49	0
CO5219	CO5289	3.56	8 1-	4ACSR	0	0	1240	168	41	6	4	0.01	0.49	0
CO5220	CO5219	3.63	6 1-	4ACSR	0	0	1207	167	36	5	4	0.02	0.51	0
CO5216	CO5220	3.68	5 1-	4ACSR	0	0	1184	166	30	4	3	0.01	0.52	0
CO5217	CO5216	3.75	5 1-	4ACSR	0	0	1150	166	30	4	3	0.01	0.53	0
CO5218	CO5217	4.13	5 1-	4ACSR	0	0	995	162	30	4	3	0.08	0.61	4
CO5215	CO5218	4.20	4 1-	4ACSR	0	0	970	161	28	4	3	0.01	0.63	0
CO5213	CO5215	4.24	2 1-	4ACSR	0	0	959	161	24	3	3	0.01	0.63	0
CO5214	CO5213	4.32	1 1-	4ACSR	0	0	931	160	21	3	2	0.01	0.64	0
CO5095	CO5215	4.44	1 1-	4ACSR	0	0	895	159	1	0	0	0.00	0.63	0
CO5052	CO5224	3.11	73 3-	336ACSR	2080	1911	1562	174	348	17	3	0.02	0.32	8
CO5059	CO5052	3.19	16 3-	336ACSR	2050	1882	1536	173	36	1	0	0.00	0.32	0
CO5227	CO5059	3.24	10 1-	4ACSR	0	0	1500	173	25	3	3	0.01	0.33	0
OC-1974721792	CO5227	3.24	10 1-	20 N FUSE	0	0	1500	173	25	3	18	0.00	0.33	0
CO5228	OC-1974721792	3.26	10 1-	4ACSR	0	0	1489	173	25	3	3	0.00	0.33	0
CO5229	CO5228	3.28	10 1-	4ACSR	0	0	1475	172	25	3	3	0.00	0.33	0
CO5230	CO5229	3.31	8 1-	4ACSR	0	0	1452	172	14	2	1	0.00	0.34	0
CO5231	CO5230	3.40	7 1-	4ACSR	0	0	1399	171	6	0	1	0.00	0.34	0
CO5232	CO5231	3.49	7 1-	4ACSR	0	0	1344	170	6	0	1	0.00	0.34	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5233	CO5232	3.54	7 1-	4ACSR	0	0	1317	170	6	0	1	0.00	0.35	0
CO8311	CO5233	3.59	7 1-	4ACSR	0	0	1291	169	6	0	1	0.00	0.35	0
CO5660	CO8311	3.67	6 1-	4ACSR	0	0	1248	168	6	0	1	0.00	0.35	0
CO5661	CO5660	3.87	5 1-	4ACSR	0	0	1150	166	6	0	1	0.01	0.36	0
CO5626	CO5661	3.92	2 1-	4ACSR	0	0	1129	166	3	0	0	0.00	0.36	0
CO5627	CO5626	3.97	2 1-	4ACSR	0	0	1106	165	3	0	0	0.00	0.36	0
CO5589	CO5661	4.09	1 1-	4ACSR	0	0	1060	164	3	0	0	0.00	0.37	0
CO5591	CO5589	4.18	1 1-	4ACSR	0	0	1024	163	3	0	0	0.00	0.37	0
CO5590	CO5591	4.25	1 1-	4ACSR	0	0	998	162	3	0	0	0.00	0.37	0
CO5225	CO5059	3.22	3 1-	4ACSR	0	0	1512	173	9	1	1	0.00	0.32	0
CO5226	CO5225	3.26	1 1-	4ACSR	0	0	1489	173	4	0	0	0.00	0.32	0
CO5086	CO5059	3.42	1 1-	4ACSR	0	0	1385	171	3	0	0	0.00	0.32	0
OC445373381	CO5086	3.42	0 1-	20 N FUSE	0	0	1385	171	0	0	0	0.00	0.32	0
CO5057	CO5052	3.31	57 3-	336ACSR	2001	1836	1495	173	312	15	3	0.03	0.34	8
CO5058	CO5057	3.35	57 3-	336ACSR	1984	1819	1480	173	312	15	3	0.01	0.35	0
CO5234	CO5058	3.40	1 1-	336 MCM ACSR 30	0	0	1465	173	1	0	0	0.00	0.35	0
OC-802813206	CO5234	3.40	1 1-	20 N FUSE	0	0	1465	173	1	0	1	0.00	0.35	0
CO5235	OC-802813206	3.47	1 1-	336 MCM ACSR 30	0	0	1443	173	1	0	0	0.00	0.35	0
CO5060	CO5058	3.45	56 3-	336ACSR	1946	1783	1448	173	311	15	3	0.01	0.36	4
CO5236	CO5060	3.56	55 3-	336ACSR	1907	1746	1415	173	302	14	3	0.01	0.38	4
CO5238	CO5236	3.64	55 3-	336ACSR	1879	1719	1391	173	302	14	3	0.01	0.39	3
CO5237	CO5238	3.75	54 3-	336ACSR	1843	1684	1361	172	302	14	3	0.01	0.40	4
CO5246	CO5237	3.89	54 3-	336ACSR	1797	1641	1323	172	302	14	3	0.02	0.42	6
CO5245	CO5246	3.91	54 3-	336ACSR	1791	1637	1318	172	302	14	3	0.00	0.42	0
CO5244	CO5245	3.93	54 3-	336ACSR	1784	1631	1312	172	302	14	3	0.00	0.43	0
CO5243	CO5244	3.98	53 3-	336ACSR	1767	1615	1298	172	284	14	3	0.01	0.43	0
SW-637280452-B	CO5243	3.98	52 3-	Closed	1767	1615	1298	172	279	13	0	0.00	0.43	0
SW-637280452-A	SW-637280452-B	3.98	52 3-	Closed	1767	1615	1298	172	279	13	0	0.00	0.43	0
CO5252	SW-637280452-A	4.12	52 3-	336ACSR	1725	1577	1264	172	279	13	3	0.02	0.45	5
CO5251	CO5252	4.14	51 3-	336ACSR	1720	1572	1260	171	279	13	3	0.00	0.45	0
CO5250	CO5251	4.19	51 3-	336ACSR	1705	1558	1247	171	279	13	3	0.01	0.46	0
CO5249	CO5250	4.22	50 3-	336ACSR	1697	1551	1241	171	264	13	3	0.00	0.46	0
CO5254	CO5249	4.29	48 3-	336ACSR	1677	1533	1224	171	256	12	2	0.01	0.47	0
CO5253	CO5254	4.35	48 3-	336ACSR	1661	1518	1211	171	256	12	2	0.01	0.48	0
CO5286	CO5253	4.36	20 1-	4ACSR	0	0	1208	171	123	18	13	0.01	0.48	0
OC140	CO5286	4.36	20 1-	70 L OCR	0	0	1208	171	123	18	26	0.00	0.48	0
CO5287	OC140	4.48	20 1-	4ACSR	0	0	1156	170	123	18	13	0.11	0.59	22
CO5260	CO5287	4.61	20 1-	4ACSR	0	0	1108	168	123	18	13	0.10	0.70	21
CO5261	CO5260	4.75	19 1-	4ACSR	0	0	1055	167	115	17	12	0.12	0.81	22
CO5093	CO5261	4.83	1 1-	4ACSR	0	0	1027	166	12	1	1	0.00	0.82	0
CO5053	CO5261	4.84	18 1-	4ACSR	0	0	1022	166	103	15	11	0.07	0.88	11
CO5055	CO5053	4.96	11 1-	4ACSR	0	0	983	165	74	10	8	0.06	0.94	7
CO5262	CO5055	5.05	8 1-	4ACSR	0	0	956	164	52	7	6	0.03	0.97	3
CO5263	CO5262	5.07	8 1-	4ACSR	0	0	948	164	52	7	6	0.01	0.98	0
CO5264	CO5263	5.13	7 1-	4ACSR	0	0	930	163	46	6	5	0.02	1.00	0
CO5265	CO5264	5.16	6 1-	4ACSR	0	0	923	163	37	5	4	0.01	1.01	0
CO5266	CO5265	5.19	5 1-	4ACSR	0	0	915	162	28	4	3	0.01	1.01	0
CO5267	CO5266	5.22	4 1-	4ACSR	0	0	905	162	21	3	2	0.01	1.02	0
CO5268	CO5267	5.28	4 1-	4ACSR	0	0	887	162	21	3	2	0.01	1.02	0
CO5269	CO5268	5.35	3 1-	4ACSR	0	0	868	161	18	2	2	0.01	1.03	0
CO5270	CO5269	5.40	2 1-	4ACSR	0	0	856	160	18	2	2	0.00	1.04	0
CO5271	CO5270	5.45	1 1-	4ACSR	0	0	844	160	9	1	1	0.00	1.04	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5090	CO5055	5.03	3 1-	4ACSR	0	0	960	164	22	3	2	0.01	0.95	0
CO5092	CO5090	5.08	2 1-	4ACSR	0	0	946	164	14	2	1	0.00	0.95	0
CO5091	CO5090	5.08	1 1-	4ACSR	0	0	946	164	8	1	1	0.00	0.95	0
CO5054	CO5053	4.94	6 1-	4ACSR	0	0	990	165	26	3	3	0.01	0.89	0
CO5089	CO5054	5.01	2 1-	4ACSR	0	0	968	164	7	1	1	0.00	0.90	0
CO5088	CO5054	5.01	2 1-	4ACSR	0	0	968	164	11	1	1	0.00	0.90	0
CO5256	CO5253	4.38	28 3-	336ACSR	1654	1511	1205	171	134	6	1	0.00	0.48	0
CO5255	CO5256	4.53	28 3-	336ACSR	1615	1476	1174	171	134	6	1	0.01	0.49	0
CO8307	CO5255	4.87	2 1-	4ACSR	0	0	1045	167	4	0	0	0.01	0.50	0
OC-818373937	CO8307	4.87	2 1-	20 N FUSE	0	0	1045	167	4	0	3	0.00	0.50	0
CO5628	OC-818373937	4.94	1 1-	4ACSR	0	0	1021	166	3	0	0	0.00	0.50	0
CO5629	CO5628	5.01	1 1-	4ACSR	0	0	997	166	3	0	0	0.00	0.50	0
CO5513	OC-818373937	4.99	1 1-	4ACSR	0	0	1005	166	2	0	0	0.00	0.50	0
CO5258	CO5255	4.59	26 3-	336ACSR	1600	1462	1162	171	129	6	1	0.00	0.49	0
CO5257	CO5258	4.65	26 3-	336ACSR	1583	1446	1148	170	129	6	1	0.00	0.50	0
CO5259	CO5257	4.73	26 3-	336ACSR	1564	1429	1133	170	129	6	1	0.00	0.50	0
CO8312	CO5259	5.14	24 3-	336ACSR	1473	1346	1060	169	117	5	1	0.02	0.52	2
CO5587	CO8312	5.36	23 3-	336ACSR	1426	1303	1023	169	114	5	1	0.01	0.53	0
CO-1859020918	CO5587	5.49	22 3-	2ACSR	1380	1265	989	168	112	5	3	0.02	0.55	4
CO1555463764	CO-1859020918	5.55	22 3-	2ACSR	1361	1248	975	168	112	5	3	0.01	0.56	0
CO5586	CO1555463764	5.64	21 3-	336ACSR	1344	1233	962	167	101	4	1	0.00	0.57	0
CO5585	CO5586	5.69	21 3-	336ACSR	1336	1225	956	167	101	4	1	0.00	0.57	0
CO5512	CO5585	5.83	15 3-	336ACSR	1313	1204	938	167	72	3	1	0.00	0.57	0
CO5625	CO5512	5.88	3 1-	4ACSR	0	0	923	166	8	1	1	0.00	0.57	0
OC1562225337	CO5625	5.88	3 1-	20 N FUSE	0	0	923	166	8	1	6	0.00	0.57	0
CO5624	OC1562225337	5.91	2 1-	4ACSR	0	0	915	166	3	0	0	0.00	0.57	0
CO2074732033	CO5624	5.97	1 1-	2ACSR	0	0	902	166	0	0	0	0.00	0.57	0
CO1890756962	CO2074732033	6.03	1 1-	2ACSR	0	0	889	165	0	0	0	0.00	0.57	0
CO-1901535915	CO1890756962	6.09	1 1-	2ACSR	0	0	877	165	0	0	0	0.00	0.57	0
CO5546	OC1562225337	5.91	1 1-	4ACSR	0	0	917	166	4	0	0	0.00	0.57	0
CO5509	CO5512	6.08	11 3-	336ACSR	1271	1166	905	166	61	3	1	0.01	0.58	0
AU133034184+	CO5509	6.08	7 3- 99 KVA	1PH AUTO	170	166	154	136	37	1	13	0.21	0.79	0
CO5508+	AU133034184	6.16	7 3-	336ACSR	170	165	154	136	37	0	0	0.00	0.79	0
CO5687+	CO5508	6.28	1 1-	4ACSR	0	0	154	136	7	0	0	0.00	0.79	0
OC-906280049+	CO5687	6.28	0 1-	20 N FUSE	0	0	154	136	0	0	0	0.00	0.79	0
CO5688+	OC-906280049	6.62	0 1-	4ACSR	0	0	153	135	0	0	0	0.00	0.79	0
CO5511+	CO5508	6.29	2 3-	336ACSR	170	165	154	136	9	0	0	0.00	0.79	0
CO5582+	CO5511	6.38	0 3-	336ACSR	170	165	154	136	0	0	0	0.00	0.79	0
CO5705+	CO5582	6.42	0 3-	336ACSR	170	165	153	136	0	0	0	0.00	0.79	0
OC-1438472691	CO5705	6.42	0 3-	20 N FUSE	170	165	153	136	0	0	0	125.21	126.00	0
CO5540+	CO5511	6.38	2 1-	4ACSR	0	0	153	136	9	0	0	0.00	0.79	0
OC-506365641+	CO5540	6.38	0 1-	20 N FUSE	0	0	153	136	0	0	0	0.00	0.79	0
CO5689+	CO5508	6.27	3 1-	4ACSR	0	0	154	136	20	1	1	0.00	0.80	0
OC-1244311342+	CO5689	6.27	2 1-	20 N FUSE	0	0	154	136	16	1	6	0.00	0.80	0
CO5690+	OC-1244311342	6.36	2 1-	4ACSR	0	0	153	136	16	1	1	0.00	0.80	0
CO5619+	CO5690	6.41	1 1-	4ACSR	0	0	153	135	13	0	1	0.00	0.80	0
CO362691026	CO5509	6.13	2 1-	2ACSR	0	0	895	166	10	1	1	0.00	0.58	0
CO580271455	CO362691026	6.15	2 1-	2ACSR	0	0	891	166	10	1	1	0.00	0.58	0
CO5722	CO5509	6.15	2 1-	4ACSR	0	0	888	166	14	2	1	0.01	0.58	0
OC-1952577528	CO5722	6.15	1 1-	20 N FUSE	0	0	888	166	11	1	8	0.00	0.58	0
CO5543	OC-1952577528	6.20	1 1-	4ACSR	0	0	876	165	11	1	1	0.00	0.59	0
CO-884927264	CO5585	5.72	6 1-	2ACSR	0	0	948	167	28	4	2	0.00	0.57	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1329109554	CO-884927264	5.79	5 1-	2ACSR	0	0	933	167	18	2	2	0.01	0.58	0
CO5541	CO1329109554	5.86	1 1-	4ACSR	0	0	914	166	0	0	0	0.00	0.58	0
CO5714	CO1329109554	5.80	4 1-	4ACSR	0	0	931	166	18	2	2	0.00	0.58	0
OC154	CO5714	5.80	4 1-	50 L OCR	0	0	931	166	18	2	0	0.00	0.58	0
CO5715	OC154	5.87	4 1-	4ACSR	0	0	912	166	18	2	2	0.01	0.59	0
CO5584	CO5715	6.09	4 1-	4ACSR	0	0	857	164	18	2	2	0.03	0.62	0
CO5583	CO5584	6.42	4 1-	4ACSR	0	0	784	160	18	2	2	0.04	0.66	0
CO5686	CO5583	6.50	2 1-	4ACSR	0	0	767	159	8	1	1	0.00	0.67	0
CO5718	CO5686	6.51	2 1-	4ACSR	0	0	765	159	8	1	1	0.00	0.67	0
CO5621	CO5718	6.56	1 1-	4ACSR	0	0	756	159	0	0	0	0.00	0.67	0
CO5620	CO5621	6.68	1 1-	4ACSR	0	0	734	158	0	0	0	0.00	0.67	0
CO5544	CO5718	6.55	1 1-	4ACSR	0	0	759	159	8	1	1	0.00	0.67	0
CO5717	CO5583	6.76	2 1-	4ACSR	0	0	719	157	10	1	1	0.02	0.69	0
CO5598	CO5717	6.91	2 1-	4ACSR	0	0	692	156	10	1	1	0.01	0.70	0
CO5716	CO5598	7.15	2 1-	4ACSR	0	0	654	154	10	1	1	0.02	0.71	0
CO5672	CO5716	7.42	2 1-	4ACSR	0	0	616	151	10	1	1	0.02	0.73	0
CO5673	CO5672	7.53	2 1-	4ACSR	0	0	601	150	10	1	1	0.01	0.74	0
CO5623	CO5673	7.55	1 1-	4ACSR	0	0	598	150	8	1	1	0.00	0.74	0
CO5622	CO5623	7.58	1 1-	4ACSR	0	0	595	150	8	1	1	0.00	0.74	0
CO5542	CO5673	7.67	1 1-	4ACSR	0	0	583	149	2	0	0	0.00	0.74	0
CO788885993	CO-884927264	5.76	1 1-	2ACSR	0	0	939	167	10	1	1	0.00	0.57	0
CO5561	CO1555463764	5.63	1 1-	2ACSR	0	0	956	167	12	1	1	0.00	0.56	0
OC341510529	CO5561	5.63	0 1-	20 N FUSE	0	0	956	167	0	0	0	0.00	0.56	0
CO1002566554	CO-1859020918	5.57	0 3-	2ACSR	1355	1243	971	167	0	0	0	0.00	0.55	0
CO5563	CO5587	5.44	1 1-	2ACSR	0	0	1004	168	2	0	0	0.00	0.53	0
OC2067879718	CO5563	5.44	0 1-	20 N FUSE	0	0	1004	168	0	0	0	0.00	0.53	0
CO-1751459849	CO5259	4.79	1 1-	2ACSR	0	0	1113	170	8	1	1	0.00	0.50	0
CO5087	CO5249	4.29	2 1-	336 MCM ACSR 30	0	0	1225	171	8	1	0	0.00	0.46	0
OC-292748679	CO5087	4.29	0 1-	20 N FUSE	0	0	1225	171	0	0	0	0.00	0.46	0
CO5247	CO5243	4.01	1 1-	4ACSR	0	0	1286	172	5	0	1	0.00	0.44	0
OC693110567	CO5247	4.01	1 1-	20 N FUSE	0	0	1286	172	5	0	4	0.00	0.44	0
CO5248	OC693110567	4.06	1 1-	4ACSR	0	0	1263	171	5	0	1	0.00	0.44	0
CO5239	CO5237	3.78	0 1-	336ACSR	0	0	1352	172	0	0	0	0.00	0.40	0
OC1052710764	CO5239	3.78	0 1-	20 N FUSE	0	0	1352	172	0	0	0	0.00	0.40	0
CO5240	OC1052710764	3.84	0 1-	336ACSR	0	0	1335	172	0	0	0	0.00	0.40	0
CO5241	CO5240	3.89	0 1-	336ACSR	0	0	1323	172	0	0	0	0.00	0.40	0
CO5242	CO5241	3.95	0 1-	336ACSR	0	0	1306	172	0	0	0	0.00	0.40	0
CO5101	CO5237	3.78	0 1-	4ACSR	0	0	1342	172	0	0	0	0.00	0.40	0
OC688918135	CO5101	3.78	0 1-	20 N FUSE	0	0	1342	172	0	0	0	0.00	0.40	0
CO5102	CO5060	3.48	1 1-	4ACSR	0	0	1429	173	9	1	1	0.00	0.37	0
OC-1897931575	CO5102	3.48	0 1-	20 N FUSE	0	0	1429	173	0	0	0	0.00	0.37	0
CO5552	CO5514	2.22	1 1-	336 MCM ACSR 30	0	0	1976	175	0	0	0	0.00	0.15	0
OC-414635908	CO5552	2.22	0 1-	20 N FUSE	0	0	1976	175	0	0	0	0.00	0.15	0
CO5703	CO5640	2.13	1 1-	336 MCM ACSR 30	0	0	2031	176	12	1	0	0.00	0.14	0
OC-1355861340	CO5703	2.13	1 1-	20 N FUSE	0	0	2031	176	12	1	9	0.00	0.14	0
CO5719	OC-1355861340	2.18	1 1-	336 MCM ACSR 30	0	0	2004	175	12	1	0	0.00	0.14	0
CO5461	CO5413	1.50	1 1-	336 MCM ACSR 30	0	0	2504	177	3	0	0	0.00	0.91	0
OC1909251800	CO5461	1.50	1 1-	20 N FUSE	0	0	2504	177	3	0	2	0.00	0.91	0
CO5460	OC1909251800	1.52	1 1-	336 MCM ACSR 30	0	0	2483	177	3	0	0	0.00	0.91	0
CO5400	CO5300	1.36	43 1-	4ACSR	0	0	2612	177	243	36	26	0.04	0.91	18
CO5399	CO5400	1.46	41 1-	4ACSR	0	0	2431	176	231	34	24	0.16	1.07	63
CO5350	CO5399	1.53	2 1-	4ACSR	0	0	2318	175	7	1	1	0.00	1.07	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5483	CO5399	1.47	39 1-	4ACSR	0	0	2419	176	223	33	24	0.01	1.08	4
OC142	CO5483	1.47	39 1-	50 H OCR	0	0	2419	176	223	33	66	0.00	1.08	0
CO5484	OC142	1.51	39 1-	4ACSR	0	0	2350	175	223	33	24	0.06	1.15	24
CO5414	CO5484	1.55	38 1-	4ACSR	0	0	2288	175	220	32	23	0.06	1.21	21
CO5333	CO5414	1.59	1 1-	4ACSR	0	0	2224	174	10	1	1	0.00	1.21	0
CO5397	CO5414	1.58	37 1-	4ACSR	0	0	2246	174	210	31	22	0.04	1.25	14
CO5398	CO5397	1.62	37 1-	4ACSR	0	0	2184	174	210	31	22	0.06	1.30	20
CO5396	CO5398	1.71	36 1-	4ACSR	0	0	2047	173	199	29	21	0.13	1.44	44
CO5393	CO5396	1.79	33 1-	4ACSR	0	0	1944	172	183	27	19	0.10	1.54	31
CO5392	CO5393	1.85	33 1-	4ACSR	0	0	1866	171	183	27	19	0.08	1.62	25
CO5391	CO5392	1.94	32 1-	4ACSR	0	0	1765	171	182	27	19	0.12	1.74	35
CO5394	CO5391	1.96	32 1-	4ACSR	0	0	1746	170	182	27	19	0.02	1.76	7
CO5395	CO5394	1.99	30 1-	4ACSR	0	0	1715	170	176	26	19	0.04	1.80	10
CO5334	CO5395	2.05	2 1-	4ACSR	0	0	1655	169	19	2	2	0.00	1.80	0
CO5481	CO5395	2.14	27 1-	4ACSR	0	0	1570	168	148	22	16	0.16	1.95	38
CO5390	CO5481	2.20	25 1-	4ACSR	0	0	1517	168	133	19	14	0.06	2.01	13
CO5335	CO5390	2.25	1 1-	4ACSR	0	0	1474	167	11	1	1	0.00	2.01	0
CO5304	CO5390	2.27	24 1-	4ACSR	0	0	1460	167	122	18	13	0.06	2.07	13
CO5314	CO5304	2.31	19 1-	4ACSR	0	0	1433	167	104	15	11	0.03	2.10	5
CO5355	CO5314	2.41	1 1-	4ACSR	0	0	1359	166	1	0	0	0.00	2.10	0
CO5313	CO5314	2.45	17 1-	4ACSR	0	0	1333	165	101	15	11	0.10	2.20	17
CO5337	CO5313	2.50	1 1-	4ACSR	0	0	1302	165	8	1	1	0.00	2.20	0
CO5303	CO5313	2.66	16 1-	4ACSR	0	0	1205	163	92	13	10	0.14	2.34	22
CO5302	CO5303	2.87	12 1-	4ACSR	0	0	1098	161	68	10	7	0.10	2.44	10
CO5388	CO5302	2.93	7 1-	4ACSR	0	0	1072	161	53	7	6	0.02	2.46	0
CO5387	CO5388	2.96	6 1-	4ACSR	0	0	1060	160	53	7	6	0.01	2.47	0
CO5389	CO5387	2.98	5 1-	4ACSR	0	0	1053	160	53	7	6	0.01	2.48	0
CO5356	CO5389	3.01	1 1-	4ACSR	0	0	1040	160	25	3	3	0.00	2.48	0
CO5421	CO5389	2.99	4 1-	4ACSR	0	0	1046	160	28	4	3	0.00	2.48	0
CO5420	CO5421	3.02	4 1-	4ACSR	0	0	1035	160	28	4	3	0.01	2.48	0
CO5351	CO5420	3.06	1 1-	4ACSR	0	0	1020	160	0	0	0	0.00	2.48	0
CO5312	CO5420	3.11	3 1-	4ACSR	0	0	999	159	28	4	3	0.02	2.50	0
CO5339	CO5312	3.21	1 1-	4ACSR	0	0	964	158	12	1	1	0.00	2.51	0
CO-399067886	CO5312	3.16	2 1-	2ACSR	0	0	984	159	16	2	1	0.00	2.51	0
CO1013259010	CO-399067886	3.18	2 1-	2ACSR	0	0	978	159	16	2	1	0.00	2.51	0
CO5362	CO1013259010	3.24	1 1-	2ACSR	0	0	963	158	6	0	0	0.00	2.51	0
CO5499	CO1013259010	3.56	1 1-	4ACSR	0	0	857	155	10	1	1	0.03	2.53	0
CO5382	CO5499	3.65	1 1-	4ACSR	0	0	831	154	10	1	1	0.01	2.54	0
CO5381	CO5382	3.83	1 1-	4ACSR	0	0	785	153	10	1	1	0.01	2.55	0
CO5383	CO5381	3.91	1 1-	4ACSR	0	0	766	152	10	1	1	0.01	2.56	0
CO5380	CO5383	4.03	1 1-	4ACSR	0	0	739	151	10	1	1	0.01	2.57	0
CO5384	CO5380	4.20	1 1-	4ACSR	0	0	706	150	10	1	1	0.01	2.58	0
CO5379	CO5384	4.26	1 1-	4ACSR	0	0	694	149	10	1	1	0.00	2.58	0
CO5385	CO5379	4.34	1 1-	4ACSR	0	0	678	148	10	1	1	0.01	2.59	0
CO5378	CO5385	4.42	1 1-	4ACSR	0	0	664	148	10	1	1	0.01	2.60	0
CO5386	CO5378	4.59	1 1-	4ACSR	0	0	637	147	10	1	1	0.01	2.61	0
CO5377	CO5386	4.69	1 1-	4ACSR	0	0	622	146	10	1	1	0.00	2.61	0
CO5338	CO5302	2.93	3 1-	4ACSR	0	0	1072	161	4	0	0	0.00	2.44	0
CO5459	CO5303	2.76	3 1-	4ACSR	0	0	1152	162	25	3	3	0.01	2.36	0
CO5458	CO5459	2.81	2 1-	4ACSR	0	0	1129	162	15	2	2	0.00	2.36	0
CO5456	CO5304	2.34	5 1-	4ACSR	0	0	1410	166	18	2	2	0.01	2.08	0
CO5336	CO5456	2.37	3 1-	4ACSR	0	0	1384	166	11	1	1	0.00	2.08	0

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5457	CO5456	2.37	1 1-	4ACSR	0	0	1383	166	7	1	1	0.00	2.08	0
CO437552857	CO5481	2.27	1 1-	2ACSR	0	0	1481	168	6	0	1	0.00	1.95	0
CO5455	CO5396	1.75	3 1-	4ACSR	0	0	1999	173	16	2	2	0.00	1.44	0
CO5454	CO5455	1.80	2 1-	4ACSR	0	0	1923	172	12	1	1	0.00	1.44	0
CO-1312843299	CO-1660857539	0.00	614 3-	500 MCM ACSR 30	5512	5751	5816	180	3608	162	24	0.00	0.00	2
Blue Bank	CO-1312843299	0.00	614 3-	560 200WVE	5512	5751	5816	180	3608	162	29	0.00	0.00	0
CO1769567024	Blue Bank	0.00	614 3-	500 MCM ACSR 30	5510	5748	5813	180	3608	162	24	0.00	0.00	2
CO-1952292198	CO1769567024	0.01	614 3-	336ACSR	5489	5706	5771	180	3608	162	31	0.01	0.01	35
CO-1291772028	CO-1952292198	0.03	614 3-	336ACSR	5432	5594	5657	180	3607	162	31	0.02	0.03	98
CO2080275668	CO-1291772028	0.09	614 3-	336ACSR	5276	5324	5359	180	3607	162	31	0.06	0.10	274
CO1062602769	CO2080275668	0.15	614 3-	336ACSR	5128	5148	5089	179	3606	162	31	0.06	0.16	274
CO28398208	CO1062602769	0.16	614 3-	336ACSR	5103	5118	5044	179	3604	162	31	0.01	0.17	48
CO898629534	CO28398208	0.19	614 3-	336ACSR	5037	5040	4945	179	3604	162	31	0.03	0.20	129
SW-166854633-B	CO898629534	0.19	614 3-	Closed	5037	5040	4945	179	3604	162	0	0.00	0.20	0
SW-166854633-A	SW-166854633-B	0.19	614 3-	Closed	5037	5040	4945	179	3604	162	0	0.00	0.20	0
CO1612322580	SW-166854633-A	0.20	614 3-	336ACSR	4998	4993	4886	179	3604	162	31	0.02	0.22	78
CO-1131954798	CO1612322580	0.23	0 3-	336ACSR	4942	4928	4791	179	0	0	0	0.00	0.22	0
SW1577090571-B	CO-1131954798	0.23	0 3-	Open	4942	4928	4791	179	0	0	0	0.00	0.22	0
CO-774506312	CO1612322580	0.24	614 3-	336ACSR	4908	4888	4733	179	3603	162	31	0.04	0.26	182
CO5478	CO-774506312	0.28	1 1-	2ACSR	0	0	4538	179	24	3	2	0.00	0.26	0
OC-2036552216	CO5478	0.28	0 1-	20 N FUSE	0	0	4538	179	0	0	0	0.00	0.26	0
CO5466	CO-774506312	0.32	2 1-	4ACSR	0	0	4335	178	13	1	1	0.01	0.26	0
OC1592248314	CO5466	0.32	1 1-	20 N FUSE	0	0	4335	178	12	1	8	0.00	0.26	0
CO5467	OC1592248314	0.41	1 1-	4ACSR	0	0	3914	177	12	1	1	0.00	0.27	0
CO5435	CO-774506312	0.39	611 3-	336ACSR	4588	4517	4286	179	3565	160	31	0.16	0.42	692
CO5434	CO5435	0.53	611 3-	336ACSR	4328	4224	3943	179	3562	160	31	0.15	0.56	633
CO1705855636	CO5434	0.58	0 1-	2ACSR	0	0	3775	178	0	0	0	0.00	0.56	0
OC78394041	CO1705855636	0.58	0 1-	20 N FUSE	0	0	3775	178	0	0	0	0.00	0.56	0
CO5433	CO5434	0.56	610 3-	336ACSR	4273	4162	3872	179	3551	160	31	0.03	0.60	145
CO8323	CO5433	0.60	609 3-	336ACSR	4201	4083	3781	179	3537	159	31	0.04	0.64	190
CO8391	CO8323	0.61	609 3-	336ACSR	4190	4071	3768	179	3536	159	31	0.01	0.65	30
CO30644	CO8391	0.74	1 1-	2ACSR	0	0	3394	178	0	0	0	0.00	0.65	0
OC1024202476	CO30644	0.74	1 1-	20 N FUSE	0	0	3394	178	0	0	0	0.00	0.65	0
CO30643	OC1024202476	0.74	1 1-	2ACSR	0	0	3381	178	0	0	0	0.00	0.65	0
CO5630	CO30643	0.84	1 1-	4ACSR	0	0	3094	176	0	0	0	0.00	0.65	0
CO5631	CO5630	0.98	1 1-	4ACSR	0	0	2721	175	0	0	0	0.00	0.65	0
CO1851473906	CO30643	1.05	0 1-	2ACSR	0	0	2677	175	0	0	0	0.00	0.65	0
CO8390	CO8391	0.67	608 3-	336ACSR	4085	3956	3638	178	3536	159	31	0.07	0.72	291
CO5599	CO8390	0.72	608 3-	336ACSR	4016	3881	3554	178	3535	159	31	0.05	0.76	200
CO5600	CO5599	0.79	608 3-	336ACSR	3903	3759	3419	178	3534	159	31	0.08	0.84	342
CO5602	CO5600	0.89	607 3-	336ACSR	3772	3618	3265	178	3532	159	31	0.10	0.94	423
CO5601	CO5602	1.04	606 3-	336ACSR	3577	3412	3043	178	3526	159	31	0.16	1.09	679
CO5965	CO5601	1.14	604 3-	336ACSR	3452	3281	2906	177	3512	158	31	0.11	1.20	472
CO5966	CO5965	1.20	602 3-	336ACSR	3382	3208	2829	177	3497	158	30	0.06	1.27	280
CO5967	CO5966	1.25	602 3-	336ACSR	3336	3161	2780	177	3496	158	30	0.04	1.31	187
CO5968	CO5967	1.31	602 3-	336ACSR	3274	3096	2713	177	3495	158	30	0.06	1.37	265
CO5971	CO5968	1.37	597 3-	336ACSR	3209	3029	2645	177	3465	157	30	0.07	1.43	281
CO5972	CO5971	1.46	597 3-	336ACSR	3122	2941	2555	177	3464	157	30	0.09	1.53	392
CO5908	CO5972	1.60	32 1-	4ACSR	0	0	2326	175	124	16	12	0.10	1.62	20
CO6098	CO5908	1.60	30 1-	4ACSR	0	0	2315	175	119	16	11	0.00	1.63	0
OC178	CO6098	1.60	30 1-	15 H OCR	0	0	2315	175	119	16	107	0.00	1.63	0

Substation Power Factor: 0.97
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6099	OC178	1.67	30 1-	4ACSR	0	0	2215	175	119	16	11	0.05	1.68	9
CO5973	CO6099	1.76	29 1-	4ACSR	0	0	2078	174	118	15	11	0.07	1.74	13
CO5974	CO5973	1.81	1 1-	4ACSR	0	0	2014	173	8	1	1	0.00	1.74	0
CO5975	CO5974	1.89	1 1-	4ACSR	0	0	1914	172	8	1	1	0.00	1.75	0
CO5900	CO5973	1.83	28 1-	4ACSR	0	0	1983	173	110	14	11	0.05	1.79	8
CO8324	CO5900	2.04	9 1-	4ACSR	0	0	1735	171	37	5	4	0.05	1.84	3
CO5553	CO8324	2.09	1 1-	4ACSR	0	0	1687	170	15	2	1	0.00	1.84	0
CO5520	CO8324	2.12	8 1-	4ACSR	0	0	1664	170	22	2	2	0.01	1.84	0
CO5632	CO5520	2.13	3 1-	4ACSR	0	0	1647	170	9	1	1	0.00	1.85	0
CO5699	CO5632	2.15	3 1-	4ACSR	0	0	1628	169	9	1	1	0.00	1.85	0
CO5700	CO5699	2.32	0 1-	4ACSR	0	0	1487	168	0	0	0	0.00	1.85	0
CO5555	CO5520	2.16	3 1-	4ACSR	0	0	1619	169	11	1	1	0.00	1.85	0
CO5564	CO5555	2.23	1 1-	1/0PRIURD	0	0	1580	403	8	1	1	0.00	1.85	0
CO5899	CO5900	2.02	19 1-	4ACSR	0	0	1760	171	73	9	7	0.08	1.87	10
CO5977	CO5899	2.07	17 1-	4ACSR	0	0	1706	170	57	7	5	0.02	1.89	0
CO5978	CO5977	2.18	15 1-	4ACSR	0	0	1606	169	54	7	5	0.03	1.92	3
CO5976	CO5978	2.22	14 1-	4ACSR	0	0	1565	169	54	7	5	0.01	1.94	0
CO5979	CO5976	2.24	13 1-	4ACSR	0	0	1550	169	50	6	5	0.01	1.94	0
CO5980	CO5979	2.27	12 1-	4ACSR	0	0	1525	168	50	6	5	0.01	1.95	0
CO5898	CO5980	2.46	3 1-	4ACSR	0	0	1381	166	5	0	1	0.01	1.96	0
CO8327	CO5898	2.63	2 1-	4ACSR	0	0	1271	165	4	0	0	0.00	1.96	0
CO5597	CO8327	2.69	2 1-	4ACSR	0	0	1232	164	4	0	0	0.00	1.96	0
CO5930	CO5898	2.55	1 1-	4ACSR	0	0	1318	165	2	0	0	0.00	1.96	0
CO5981	CO5980	2.32	9 1-	4ACSR	0	0	1486	168	44	6	4	0.01	1.96	0
CO5982	CO5981	2.46	8 1-	4ACSR	0	0	1380	166	41	5	4	0.03	2.00	2
CO1943516140	CO5982	2.50	1 1-	2ACSR	0	0	1356	166	9	1	1	0.00	2.00	0
CO-287515837	CO1943516140	2.55	0 1-	2ACSR	0	0	1330	166	0	0	0	0.00	2.00	0
CO5983	CO5982	2.53	7 1-	4ACSR	0	0	1332	166	32	4	3	0.01	2.01	0
CO5984	CO5983	2.61	6 1-	2ACSR	0	0	1292	165	23	3	2	0.01	2.02	0
CO5985	CO5984	2.76	6 1-	2ACSR	0	0	1221	164	23	3	2	0.01	2.03	0
CO1074637485	CO5985	2.79	1 1-	2ACSR	0	0	1208	164	8	1	1	0.00	2.03	0
CO510226860	CO1074637485	2.82	1 1-	2ACSR	0	0	1196	164	8	1	1	0.00	2.03	0
CO836986208	CO5985	2.83	1 1-	2ACSR	0	0	1193	164	5	0	0	0.00	2.03	0
CO5986	CO5985	2.84	4 1-	2ACSR	0	0	1189	164	10	1	1	0.00	2.04	0
CO5987	CO5986	2.96	4 1-	2ACSR	0	0	1141	163	10	1	1	0.00	2.04	0
CO5988	CO5987	3.03	2 1-	2ACSR	0	0	1114	162	4	0	0	0.00	2.04	0
CO5989	CO5988	3.07	1 1-	2ACSR	0	0	1101	162	0	0	0	0.00	2.04	0
CO5948	CO5987	2.98	2 1-	2ACSR	0	0	1134	163	5	0	0	0.00	2.04	0
CO6104	CO5948	3.03	2 1-	1/0PRIURD	0	0	1122	365	5	0	0	0.00	2.04	0
CO5931	CO5976	2.31	1 1-	4ACSR	0	0	1496	168	4	0	0	0.00	1.94	0
CO5929	CO5899	2.09	1 1-	4ACSR	0	0	1687	170	8	1	1	0.00	1.87	0
CO5928	CO5899	2.09	1 1-	4ACSR	0	0	1687	170	9	1	1	0.00	1.87	0
CO5946	CO5908	1.64	1 1-	4ACSR	0	0	2251	175	3	0	0	0.00	1.63	0
CO5902	CO5972	1.53	565 3-	336ACSR	3056	2874	2488	177	3338	151	29	0.07	1.60	290
CO5990	CO5902	1.66	564 3-	336ACSR	2946	2762	2376	177	3333	151	29	0.12	1.72	516
CO5992	CO5990	1.73	563 3-	336ACSR	2885	2701	2316	176	3329	151	29	0.07	1.79	299
CO5993	CO5992	1.77	562 3-	336ACSR	2853	2669	2284	176	3319	150	29	0.04	1.83	161
CO5991	CO5993	1.78	561 3-	336ACSR	2848	2664	2279	176	3308	150	29	0.01	1.84	26
CO5994	CO5991	1.82	560 3-	336ACSR	2819	2635	2250	176	3290	149	29	0.04	1.87	151
CO5995	CO5994	1.88	559 3-	336ACSR	2772	2588	2205	176	3282	149	29	0.06	1.93	242
CO6102	CO5995	1.88	5 1-	4ACSR	0	0	2196	176	26	3	3	0.00	1.93	0
OC176	CO6102	1.88	5 1-	10 N FUSE	0	0	2196	176	26	3	35	0.00	1.93	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6103	OC176	1.92	5 1-	4ACSR	0	0	2142	176	26	3	3	0.01	1.94	0
CO5996	CO6103	1.97	3 1-	4ACSR	0	0	2081	175	15	2	1	0.00	1.94	0
CO5997	CO5996	2.11	3 1-	4ACSR	0	0	1910	173	15	2	1	0.01	1.95	0
CO5922	CO5997	2.23	2 1-	4ACSR	0	0	1782	172	7	0	1	0.00	1.96	0
CO5921	CO5997	2.23	1 1-	4ACSR	0	0	1782	172	8	1	1	0.00	1.96	0
CO6100	CO5995	1.88	6 1-	4ACSR	0	0	2196	176	26	3	2	0.00	1.93	0
OC177	CO6100	1.88	6 1-	10 N FUSE	0	0	2196	176	26	3	35	0.00	1.93	0
CO6101	OC177	1.97	6 1-	4ACSR	0	0	2081	175	26	3	2	0.01	1.95	0
CO6003	CO6101	2.07	3 1-	4ACSR	0	0	1964	174	4	0	0	0.00	1.95	0
CO6001	CO6003	2.16	3 1-	4ACSR	0	0	1857	173	4	0	0	0.00	1.95	0
CO6002	CO6001	2.21	2 1-	4ACSR	0	0	1808	172	4	0	0	0.00	1.95	0
CO6000	CO6002	2.40	1 1-	4ACSR	0	0	1622	170	3	0	0	0.00	1.95	0
CO5998	CO6101	2.04	2 1-	4ACSR	0	0	1993	174	9	1	1	0.00	1.95	0
CO5999	CO5998	2.08	1 1-	4ACSR	0	0	1948	174	1	0	0	0.00	1.95	0
CO5920	CO6101	2.04	1 1-	4ACSR	0	0	1993	174	12	1	1	0.00	1.95	0
CO6004	CO5995	1.94	547 3-	336ACSR	2723	2539	2157	176	3220	146	28	0.06	1.99	257
CO6005	CO6004	2.02	545 3-	336ACSR	2670	2486	2106	176	3218	146	28	0.07	2.06	286
CO6006	CO6005	2.11	542 3-	336ACSR	2607	2425	2047	176	3183	144	28	0.09	2.15	346
CO17310	CO6006	2.15	541 3-	336ACSR	2585	2402	2025	176	3103	141	27	0.03	2.18	123
CO17311	CO17310	2.15	541 3-	336ACSR	2580	2398	2021	176	3103	141	27	0.01	2.19	24
CO6109	CO17311	2.21	539 3-	336ACSR	2544	2362	1987	175	3059	139	27	0.05	2.24	195
CO6009	CO6109	2.23	538 3-	336ACSR	2530	2348	1974	175	3053	139	27	0.02	2.26	78
OC1234156967	CO6009	2.23	536 3-	20 N FUSE	2530	2348	1974	175	3045	138	694	0.00	2.26	0
CO6010	OC1234156967	2.25	536 3-	336ACSR	2519	2337	1964	175	3045	138	27	0.02	2.27	62
CO6011	CO6010	2.26	535 3-	336ACSR	2510	2329	1956	175	3044	138	27	0.01	2.29	48
CO6012	CO6011	2.30	534 3-	336ACSR	2487	2306	1934	175	3038	138	27	0.03	2.32	129
CO6013	CO6012	2.41	533 3-	336ACSR	2425	2246	1877	175	3029	138	27	0.09	2.41	357
CO6016	CO6013	2.46	532 3-	336ACSR	2396	2217	1850	175	3024	138	27	0.05	2.46	178
CO6017	CO6016	2.49	531 3-	336ACSR	2378	2200	1834	175	3019	137	27	0.03	2.49	106
CO6014	CO6017	2.51	531 3-	336ACSR	2365	2187	1822	175	3019	137	27	0.02	2.51	77
CO6015	CO6014	2.57	530 3-	336ACSR	2336	2158	1795	175	3017	137	27	0.05	2.56	187
CO5945	CO6015	2.61	1 1-	4ACSR	0	0	1758	174	11	1	1	0.00	2.56	0
OC1428432812	CO5945	2.61	0 1-	20 N FUSE	0	0	1758	174	0	0	0	0.00	2.56	0
CO5901	CO6015	2.62	529 3-	336ACSR	2311	2134	1773	175	3005	137	26	0.04	2.60	159
CO6029	CO5901	2.87	504 3-	336ACSR	2186	2014	1662	174	2869	131	25	0.21	2.81	770
CO6030	CO6029	2.93	504 3-	336ACSR	2158	1987	1637	174	2865	131	25	0.05	2.86	186
CO6031	CO6030	2.99	504 3-	336ACSR	2130	1959	1612	174	2865	131	25	0.05	2.91	192
RG938754825	CO6031	2.99	502 3-	200.0000000000	2130	1959	1612	174	2863	131	0	-2.91	0.00	0
CO6036	RG938754825	3.07	502 3-	336ACSR	2096	1927	1583	174	2863	128	25	0.06	0.06	226
CO6037	CO6036	3.15	501 3-	336ACSR	2063	1894	1553	174	2861	128	25	0.06	0.13	233
CO6041	CO6037	3.19	501 3-	336ACSR	2047	1880	1540	173	2860	128	25	0.03	0.16	108
CO6042	CO6041	3.22	499 3-	336ACSR	2031	1864	1526	173	2849	127	25	0.03	0.19	115
CO6040	CO6042	3.26	499 3-	336ACSR	2018	1851	1514	173	2848	127	25	0.03	0.22	96
CO6045	CO6040	3.33	499 3-	336ACSR	1988	1823	1489	173	2848	127	25	0.06	0.28	216
CO6046	CO6045	3.43	499 3-	336ACSR	1950	1787	1456	173	2847	127	25	0.08	0.36	292
CO6047	CO6046	3.49	498 3-	336ACSR	1929	1767	1439	173	2843	127	25	0.05	0.40	164
CO6048	CO6047	3.80	498 3-	336ACSR	1822	1667	1348	172	2842	127	25	0.25	0.65	899
CO6108	CO6048	3.85	491 3-	336ACSR	1805	1652	1334	172	2781	124	24	0.04	0.69	145
CO6107	CO6108	3.93	491 3-	336ACSR	1780	1629	1313	172	2781	124	24	0.06	0.76	218
CO6401	CO6107	3.95	491 3-	336ACSR	1776	1625	1310	172	2780	124	24	0.01	0.77	37
CO6403	CO6401	4.07	477 3-	336ACSR	1738	1590	1278	172	2715	121	24	0.10	0.86	335
CO6829	CO6403	4.12	15 1-	4ACSR	0	0	1257	171	55	7	5	0.01	0.88	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC523612381	CO6829	4.12	12 1-	20 N FUSE	0	0	1257	171	46	6	31	0.00	0.88	0
CO6830	OC523612381	4.22	12 1-	4ACSR	0	0	1209	170	46	6	4	0.03	0.90	2
CO6511	CO6830	4.29	11 1-	4ACSR	0	0	1180	169	46	6	4	0.02	0.92	0
CO6513	CO6511	4.40	10 1-	4ACSR	0	0	1133	168	46	6	4	0.03	0.95	2
CO6512	CO6513	4.54	10 1-	4ACSR	0	0	1078	167	46	6	4	0.04	0.99	3
CO6456	CO6512	4.64	2 1-	4ACSR	0	0	1043	166	5	0	0	0.00	0.99	0
CO6393	CO6512	4.61	8 1-	4ACSR	0	0	1052	166	41	5	4	0.02	1.01	0
CO-1199748307	CO6393	4.79	1 1-	2ACSR	0	0	1002	165	14	1	1	0.00	1.01	0
CO6455	CO6393	4.67	0 1-	4ACSR	0	0	1031	165	0	0	0	0.00	1.01	0
CO6394	CO6393	4.68	6 1-	4ACSR	0	0	1026	165	19	2	2	0.01	1.01	0
CO6823	CO6394	4.77	5 1-	4ACSR	0	0	997	164	14	1	1	0.00	1.02	0
CO6824	CO6823	4.81	4 1-	4ACSR	0	0	984	164	6	0	1	0.00	1.02	0
CO6652	CO6824	4.88	4 1-	4ACSR	0	0	960	163	6	0	1	0.00	1.02	0
CO6649	CO6652	4.96	4 1-	4ACSR	0	0	936	163	6	0	1	0.00	1.03	0
CO6651	CO6649	5.02	4 1-	4ACSR	0	0	919	162	6	0	1	0.00	1.03	0
CO6650	CO6651	5.09	3 1-	4ACSR	0	0	898	161	3	0	0	0.00	1.03	0
CO1292259639	CO6650	5.21	1 1-	2ACSR	0	0	872	160	2	0	0	0.00	1.03	0
CO6454	CO6394	4.74	1 1-	4ACSR	0	0	1006	165	5	0	0	0.00	1.02	0
CO6453	CO6511	4.34	1 1-	4ACSR	0	0	1159	169	0	0	0	0.00	0.92	0
CO6540	CO6403	4.15	461 3-	336ACSR	1715	1569	1259	172	2657	119	23	0.06	0.92	203
CO6537	CO6540	4.23	461 3-	336ACSR	1693	1549	1241	171	2656	119	23	0.06	0.98	192
CO6539	CO6537	4.28	461 3-	336ACSR	1677	1534	1228	171	2655	119	23	0.04	1.02	145
CO6538	CO6539	4.41	461 3-	336ACSR	1645	1504	1201	171	2654	119	23	0.09	1.11	307
CA-648038189	CO6538	4.41	0 3-	Capacitor	1645	1504	1201	171	0	0	0	0.00	1.11	0
CO6549	CO6538	4.46	35 1-	4ACSR	0	0	1179	170	197	26	19	0.06	1.17	20
CO6550	CO6549	4.51	35 1-	4ACSR	0	0	1157	170	197	26	19	0.06	1.24	20
CO6548	CO6550	4.57	33 1-	4ACSR	0	0	1133	169	194	26	19	0.07	1.31	22
CO6850	CO6548	4.58	33 1-	4ACSR	0	0	1130	169	194	26	19	0.01	1.32	2
OC190	CO6850	4.58	33 1-	50 H OCR	0	0	1130	169	194	26	52	0.00	1.32	0
CO6509	OC190	4.68	16 1-	4ACSR	0	0	1091	168	97	13	9	0.06	1.37	9
CO6807	CO6509	4.74	15 1-	4ACSR	0	0	1070	167	85	11	8	0.03	1.40	4
CO6808	CO6807	4.80	13 1-	4ACSR	0	0	1050	167	74	10	7	0.02	1.43	3
OC1698725168	CO6808	4.80	12 1-	20 N FUSE	0	0	1050	167	73	9	49	0.00	1.43	0
CO6805	OC1698725168	4.90	2 1-	4ACSR	0	0	1013	166	7	0	1	0.00	1.43	0
CO6806	CO6805	4.92	1 1-	4ACSR	0	0	1008	166	0	0	0	0.00	1.43	0
CO6510	CO6806	4.96	1 1-	4ACSR	0	0	996	165	0	0	0	0.00	1.43	0
CO6452	OC1698725168	4.85	1 1-	4ACSR	0	0	1030	166	13	1	1	0.00	1.43	0
CO6687	OC1698725168	4.91	5 1-	4ACSR	0	0	1011	166	33	4	3	0.02	1.45	0
CO6626	CO6687	4.97	5 1-	4ACSR	0	0	992	165	33	4	3	0.01	1.46	0
CO6665	CO6626	5.04	4 1-	2ACSR	0	0	972	165	22	3	2	0.01	1.47	0
OC1018156279	CO6665	5.04	4 1-	20 N FUSE	0	0	972	165	22	3	15	0.00	1.47	0
CO6841	OC1018156279	5.12	4 1-	2ACSR	0	0	952	164	22	3	2	0.01	1.48	0
CO8334	CO6841	5.19	0 1-	2ACSR	0	0	936	164	0	0	0	0.00	1.48	0
CO6675	CO6841	5.17	4 1-	2ACSR	0	0	941	164	22	3	2	0.00	1.48	0
CO6712	CO6675	5.19	4 1-	2ACSR	0	0	936	164	22	3	2	0.00	1.48	0
CO6713	CO6712	5.22	2 1-	2ACSR	0	0	928	163	17	2	1	0.00	1.48	0
CO6676	CO6713	5.30	1 1-	2ACSR	0	0	910	163	5	0	0	0.00	1.48	0
CO6677	CO6676	5.36	0 1-	2ACSR	0	0	897	162	0	0	0	0.00	1.48	0
CO6627	CO6627	5.00	1 1-	4ACSR	0	0	980	165	10	1	1	0.00	1.46	0
CO6647	OC1698725168	4.89	4 1-	4ACSR	0	0	1017	166	20	2	2	0.01	1.43	0
CO6648	CO6647	4.95	2 1-	4ACSR	0	0	999	165	5	0	0	0.00	1.43	0
CO6451	CO6509	4.74	1 1-	4ACSR	0	0	1071	167	12	1	1	0.00	1.38	0

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6390	OC190	4.67	17 1-	4ACSR	0	0	1096	168	97	13	9	0.05	1.37	8
CO6853	CO6390	4.67	2 1-	4ACSR	0	0	1095	168	6	0	1	0.00	1.37	0
CO6389	CO6390	4.73	14 1-	4ACSR	0	0	1075	168	90	12	9	0.03	1.40	4
CO6705	CO6389	4.76	13 1-	4ACSR	0	0	1063	167	80	10	8	0.01	1.41	0
CO6706	CO6705	4.79	11 1-	4ACSR	0	0	1053	167	68	9	7	0.01	1.42	0
CO6832	CO6706	4.86	10 1-	4ACSR	0	0	1027	166	55	7	5	0.02	1.44	0
CO6833	CO6832	4.91	9 1-	4ACSR	0	0	1012	166	39	5	4	0.01	1.45	0
CO6507	CO6833	4.93	9 1-	4ACSR	0	0	1005	166	39	5	4	0.01	1.46	0
CO6442	CO6507	5.00	0 1-	4ACSR	0	0	980	165	0	0	0	0.00	1.46	0
CO6621	CO6507	4.96	9 1-	4ACSR	0	0	995	165	39	5	4	0.01	1.46	0
CO6625	CO6621	4.97	5 1-	4ACSR	0	0	993	165	17	2	2	0.00	1.47	0
CO6664	CO6625	5.10	4 1-	2ACSR	0	0	959	164	17	2	1	0.01	1.47	0
CO6707	CO6664	5.25	3 1-	2ACSR	0	0	921	163	6	0	0	0.00	1.47	0
CO6708	CO6707	5.32	0 1-	2ACSR	0	0	905	163	0	0	0	0.00	1.47	0
CO6624	CO6625	5.00	1 1-	4ACSR	0	0	983	165	0	0	0	0.00	1.47	0
CO6622	CO6621	4.98	2 1-	4ACSR	0	0	987	165	7	0	1	0.00	1.47	0
CO6443	CO6622	5.08	1 1-	4ACSR	0	0	957	164	3	0	0	0.00	1.47	0
CO6623	CO6622	5.10	1 1-	4ACSR	0	0	950	164	4	0	0	0.00	1.47	0
CO6444	CO6389	4.78	1 1-	4ACSR	0	0	1057	167	10	1	1	0.00	1.40	0
CO6445	CO6444	4.82	1 1-	4ACSR	0	0	1040	167	10	1	1	0.00	1.40	0
CO-778584560	CO6390	4.71	1 1-	2ACSR	0	0	1084	168	1	0	0	0.00	1.37	0
CO6545	CO6538	4.48	409 3-	336ACSR	1624	1485	1185	171	2368	106	21	0.05	1.16	160
CO6544	CO6545	4.55	409 3-	336ACSR	1606	1469	1170	171	2368	106	21	0.05	1.21	141
CO6546	CO6544	4.66	409 3-	336ACSR	1580	1445	1149	170	2367	106	21	0.07	1.28	215
CO6543	CO6546	4.71	409 3-	336ACSR	1568	1434	1139	170	2366	106	21	0.03	1.31	100
FD322298804	CO6543	4.71	409 3-	_DefaultBayEqui	1568	1434	1139	170	2365	106	0	0.00	1.31	0
CO6547	FD322298804	4.81	409 3-	336ACSR	1544	1412	1120	170	2365	106	21	0.07	1.38	200
OC322298804	CO6547	4.81	405 3-	20 N FUSE	1544	1412	1120	170	2351	106	530	0.00	1.38	0
CO6541	OC322298804	4.88	405 3-	336ACSR	1526	1396	1106	170	2351	106	20	0.05	1.43	153
CO6542	CO6541	4.93	404 3-	336ACSR	1516	1386	1097	170	2312	104	20	0.03	1.46	91
CO6388	CO6542	5.08	404 3-	4/0ACSR	1475	1349	1065	169	2312	104	31	0.15	1.61	474
CO6419	CO6388	5.16	3 1-	4ACSR	0	0	1040	169	16	2	2	0.00	1.61	0
OC1203892521	CO6419	5.16	0 1-	20 N FUSE	0	0	1040	169	0	0	0	0.00	1.61	0
CO6369	CO6388	5.18	401 3-	4/0ACSR	1450	1327	1046	169	2293	103	30	0.09	1.70	292
CO6370	CO6369	5.22	108 1-	4ACSR	0	0	1034	169	419	56	41	0.10	1.79	65
CO6421	CO6370	5.25	2 1-	4ACSR	0	0	1022	168	0	0	0	0.00	1.79	0
CO6371	CO6370	5.39	106 1-	4ACSR	0	0	982	167	418	56	41	0.43	2.22	293
OC1296592086	CO6371	5.39	106 1-	20 N FUSE	0	0	982	167	417	56	284	0.00	2.22	0
CO6422	OC1296592086	5.44	2 1-	4ACSR	0	0	965	166	8	1	1	0.00	2.22	0
CO6374	OC1296592086	5.48	4 1-	4ACSR	0	0	954	166	20	2	2	0.01	2.23	0
CO6592	CO6374	5.56	3 1-	4ACSR	0	0	933	165	9	1	1	0.00	2.24	0
CO6591	CO6592	5.59	3 1-	4ACSR	0	0	922	165	9	1	1	0.00	2.24	0
CO6685	CO6591	5.67	1 1-	4ACSR	0	0	902	164	1	0	0	0.00	2.24	0
CO6684	CO6591	5.64	2 1-	4ACSR	0	0	909	164	8	1	1	0.00	2.24	0
CO6639	CO6684	5.69	1 1-	4ACSR	0	0	897	164	8	1	1	0.00	2.24	0
CO6423	CO6374	5.53	1 1-	4ACSR	0	0	940	166	11	1	1	0.00	2.23	0
CO6372	OC1296592086	5.48	100 1-	4ACSR	0	0	954	166	389	52	38	0.22	2.44	142
CO6590	CO6372	5.63	1 1-	4ACSR	0	0	913	165	7	0	1	0.01	2.45	0
CO6474	CO6590	5.67	1 1-	2ACSR	0	0	904	164	7	0	1	0.00	2.45	0
CO6686	CO6590	5.80	0 1-	4ACSR	0	0	868	163	0	0	0	0.00	2.45	0
CO6373	CO6372	5.65	99 1-	4ACSR	0	0	907	164	381	51	37	0.39	2.84	246
CO6425	CO6373	5.68	1 1-	4ACSR	0	0	899	164	6	0	1	0.00	2.84	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6375	CO6373	5.76	98 1-	4ACSR	0	0	880	163	374	51	37	0.23	3.07	142
CO6593	CO6375	5.82	2 1-	4ACSR	0	0	863	163	8	1	1	0.00	3.07	0
CO6594	CO6593	5.86	1 1-	4ACSR	0	0	853	162	1	0	0	0.00	3.07	0
CO6759	CO6375	5.77	92 1-	4ACSR	0	0	875	163	336	46	33	0.03	3.10	18
CO6760	CO6759	5.83	90 1-	4ACSR	0	0	861	162	325	44	32	0.12	3.22	62
CO6758	CO6760	5.88	89 1-	4ACSR	0	0	849	162	323	44	32	0.09	3.31	50
CO6757	CO6758	5.91	88 1-	4ACSR	0	0	842	162	318	43	31	0.05	3.37	29
CO6490	CO6757	5.94	88 1-	4ACSR	0	0	833	161	317	43	31	0.07	3.44	38
CO6489	CO6490	6.03	88 1-	4ACSR	0	0	814	161	317	43	31	0.16	3.61	87
OC-86712539	CO6489	6.03	88 1-	20 N FUSE	0	0	814	161	317	43	218	0.00	3.61	0
CO6491	OC-86712539	6.25	86 1-	4ACSR	0	0	767	158	305	41	30	0.41	4.01	205
CO6683	CO6491	6.30	86 1-	4ACSR	0	0	756	158	304	41	30	0.11	4.12	53
CO6782	CO6683	6.44	39 1-	4ACSR	0	0	730	157	178	24	18	0.15	4.26	43
CO6783	CO6782	6.55	38 1-	4ACSR	0	0	709	156	178	24	18	0.12	4.39	36
CO6473	CO6783	6.68	5 1-	4ACSR	0	0	687	155	21	2	2	0.01	4.40	0
CO153232061	CO6473	6.72	1 1-	2ACSR	0	0	681	154	9	1	1	0.00	4.40	0
CO6406	CO6783	6.66	33 1-	4ACSR	0	0	690	155	157	21	16	0.10	4.49	27
OC-1404447939	CO6406	6.66	33 1-	20 N FUSE	0	0	690	155	157	21	109	0.00	4.49	0
CO6780	OC-1404447939	6.72	3 1-	4ACSR	0	0	679	154	15	2	1	0.01	4.49	0
CO6781	CO6780	6.83	2 1-	4ACSR	0	0	662	153	9	1	1	0.01	4.50	0
CO6672	CO6781	6.89	1 1-	2ACSR	0	0	655	153	7	1	1	0.00	4.50	0
CO6668	CO6672	7.04	1 1-	2ACSR	0	0	637	152	7	1	1	0.00	4.51	0
CO6671	CO6668	7.10	1 1-	2ACSR	0	0	630	152	7	1	1	0.00	4.51	0
CO6669	CO6671	7.15	1 1-	2ACSR	0	0	624	151	7	1	1	0.00	4.51	0
CO6670	CO6669	7.22	1 1-	2ACSR	0	0	617	151	7	1	1	0.00	4.51	0
CO6641	CO6781	6.87	1 1-	4ACSR	0	0	656	153	2	0	0	0.00	4.50	0
CO6450	CO6641	6.94	0 1-	4ACSR	0	0	645	152	0	0	0	0.00	4.50	0
CO6642	CO6641	7.11	1 1-	4ACSR	0	0	620	151	2	0	0	0.00	4.50	0
CO6778	OC-1404447939	6.76	30 1-	4ACSR	0	0	674	154	142	19	14	0.08	4.57	20
CO6779	CO6778	6.83	29 1-	4ACSR	0	0	662	153	139	19	14	0.06	4.64	15
CO6508	CO6779	7.00	27 1-	4ACSR	0	0	636	152	122	16	12	0.12	4.76	24
CO8351	CO6508	7.11	22 1-	4ACSR	0	0	620	151	85	11	8	0.06	4.82	8
CO7755	CO8351	7.15	21 1-	4ACSR	0	0	615	150	84	11	8	0.02	4.84	3
CO7570	CO7755	7.27	14 1-	4ACSR	0	0	598	149	54	7	5	0.04	4.88	4
CO7756	CO7570	7.29	14 1-	4ACSR	0	0	596	149	54	7	5	0.00	4.88	0
CO7757	CO7756	7.44	12 1-	4ACSR	0	0	577	148	39	5	4	0.03	4.92	2
CO7758	CO7757	7.52	11 1-	4ACSR	0	0	567	147	36	4	4	0.02	4.93	0
CO7759	CO7758	7.56	10 1-	4ACSR	0	0	563	147	34	4	3	0.01	4.94	0
CO7522	CO7759	7.65	1 1-	4ACSR	0	0	552	146	4	0	0	0.00	4.94	0
CO7465	CO7759	7.59	9 1-	4ACSR	0	0	559	147	29	4	3	0.01	4.95	0
CO7760	CO7465	7.60	8 1-	4ACSR	0	0	557	147	21	2	2	0.00	4.95	0
CO7761	CO7760	7.63	7 1-	4ACSR	0	0	554	146	17	2	2	0.00	4.95	0
CO7571	CO7761	7.87	7 1-	4ACSR	0	0	528	144	17	2	2	0.03	4.98	0
CO7642	CO7571	8.00	4 1-	4ACSR	0	0	514	143	11	1	1	0.01	4.99	0
CO8354	CO7642	8.06	4 1-	4ACSR	0	0	509	143	11	1	1	0.00	4.99	0
CO6646	CO8354	8.13	4 1-	4ACSR	0	0	502	142	11	1	1	0.00	4.99	0
CO6645	CO6646	8.17	1 1-	4ACSR	0	0	498	142	3	0	0	0.00	4.99	0
CO6644	CO6646	8.16	2 1-	4ACSR	0	0	499	142	7	0	1	0.00	4.99	0
CO6643	CO6644	8.19	2 1-	4ACSR	0	0	496	142	7	0	1	0.00	5.00	0
CO7572	CO7571	7.95	3 1-	4ACSR	0	0	520	144	6	0	1	0.00	4.98	0
CO7573	CO7572	8.01	3 1-	4ACSR	0	0	513	143	6	0	1	0.00	4.98	0
CO7574	CO7573	8.11	2 1-	4ACSR	0	0	504	143	6	0	1	0.00	4.99	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7650	CO7574	8.20	1 1-	4ACSR	0	0	495	142	2	0	0	0.00	4.99	0
CO7651	CO7650	8.35	1 1-	4ACSR	0	0	482	141	2	0	0	0.00	4.99	0
CO7652	CO7651	8.41	1 1-	4ACSR	0	0	476	140	2	0	0	0.00	4.99	0
CO7530	CO7574	8.15	1 1-	4ACSR	0	0	500	142	4	0	0	0.00	4.99	0
CO7523	CO7465	7.68	1 1-	4ACSR	0	0	548	146	9	1	1	0.00	4.95	0
CO7466	CO7755	7.21	5 1-	4ACSR	0	0	607	150	23	3	2	0.01	4.84	0
CO7674	CO7466	7.29	5 1-	4ACSR	0	0	596	149	23	3	2	0.01	4.85	0
CO7675	CO7674	7.39	3 1-	4ACSR	0	0	583	148	7	1	1	0.00	4.86	0
CO7641	CO7675	7.44	3 1-	4ACSR	0	0	576	148	7	1	1	0.00	4.86	0
CO7648	CO7674	7.32	1 1-	4ACSR	0	0	592	149	1	0	0	0.00	4.85	0
CO7649	CO7648	7.37	1 1-	4ACSR	0	0	586	149	1	0	0	0.00	4.85	0
CO7646	CO7466	7.25	0 1-	4ACSR	0	0	601	149	0	0	0	0.00	4.84	0
CO7647	CO7646	7.27	0 1-	4ACSR	0	0	598	149	0	0	0	0.00	4.84	0
CO6788	CO6508	7.09	3 1-	4ACSR	0	0	623	151	26	3	3	0.01	4.77	0
CO6789	CO6788	7.14	2 1-	4ACSR	0	0	616	150	17	2	2	0.00	4.77	0
CO6667	CO6779	6.90	1 1-	2ACSR	0	0	654	153	8	1	1	0.00	4.64	0
CO6666	CO6779	6.97	1 1-	2ACSR	0	0	645	152	9	1	1	0.00	4.64	0
CO6392	CO6683	6.52	47 1-	4ACSR	0	0	714	156	126	17	12	0.16	4.28	33
OC1303073911	CO6392	6.52	46 1-	20 N FUSE	0	0	714	156	116	16	81	0.00	4.28	0
CO6786	OC1303073911	6.58	21 1-	4ACSR	0	0	705	155	100	13	10	0.03	4.31	5
CO6787	CO6786	6.64	20 1-	4ACSR	0	0	694	155	97	13	10	0.04	4.35	6
CO6751	CO6787	6.74	18 1-	4ACSR	0	0	676	154	87	12	9	0.06	4.40	8
CO6752	CO6751	6.75	17 1-	4ACSR	0	0	675	154	82	11	8	0.00	4.41	0
CO6750	CO6752	6.81	17 1-	4ACSR	0	0	666	153	82	11	8	0.03	4.44	4
CO6492	CO6750	6.88	16 1-	4ACSR	0	0	654	153	80	11	8	0.03	4.47	4
CO6753	CO6492	6.89	12 1-	4ACSR	0	0	652	153	61	8	6	0.00	4.47	0
CO6754	CO6753	6.92	10 1-	4ACSR	0	0	648	152	51	7	5	0.01	4.48	0
CO8348	CO6754	7.09	7 1-	4ACSR	0	0	623	151	24	3	2	0.03	4.51	0
CO-1477955234	CO8348	7.15	4 1-	2ACSR	0	0	616	150	22	3	2	0.01	4.51	0
CO-1105906878	CO-1477955234	7.21	1 1-	2ACSR	0	0	610	150	9	1	1	0.00	4.51	0
CO-1583622550	CO-1477955234	7.22	3 1-	2ACSR	0	0	608	150	13	1	1	0.00	4.52	0
CO7616	CO-1583622550	7.32	1 1-	4ACSR	0	0	596	149	6	0	1	0.00	4.52	0
CO-2117295247	CO-1583622550	7.28	2 1-	2ACSR	0	0	602	150	7	0	1	0.00	4.52	0
CO-880054005	CO-2117295247	7.35	2 1-	2ACSR	0	0	595	149	7	0	1	0.00	4.52	0
CO1884890173	CO-880054005	7.42	2 1-	2ACSR	0	0	588	149	7	0	1	0.00	4.52	0
CO7505	CO8348	7.15	1 1-	4ACSR	0	0	615	150	0	0	0	0.00	4.51	0
CO7504	CO8348	7.15	2 1-	4ACSR	0	0	615	150	2	0	0	0.00	4.51	0
CO6596	CO6754	6.95	3 1-	4ACSR	0	0	644	152	27	3	3	0.00	4.49	0
CO6755	CO6596	7.01	3 1-	4ACSR	0	0	635	152	27	3	3	0.01	4.49	0
CO6756	CO6755	7.04	1 1-	4ACSR	0	0	630	151	11	1	1	0.00	4.49	0
CO6595	CO6756	7.06	1 1-	4ACSR	0	0	627	151	11	1	1	0.00	4.50	0
CO6428	CO6492	6.98	1 1-	4ACSR	0	0	639	152	2	0	0	0.00	4.47	0
CO6427	CO6787	6.75	2 1-	4ACSR	0	0	675	154	10	1	1	0.00	4.35	0
CO6784	OC1303073911	6.61	25 1-	4ACSR	0	0	698	155	17	2	2	0.01	4.29	0
CO6785	CO6784	6.66	24 1-	4ACSR	0	0	690	155	17	2	2	0.01	4.29	0
CO1633543038	CO6785	6.71	8 1-	2ACSR	0	0	683	154	5	0	0	0.00	4.30	0
CO698378099	CO1633543038	6.76	6 1-	2ACSR	0	0	677	154	4	0	0	0.00	4.30	0
CO8350	CO698378099	6.82	1 1-	4ACSR	0	0	666	153	4	0	0	0.00	4.30	0
CO7787	CO698378099	6.81	5 1-	4ACSR	0	0	668	154	1	0	0	0.00	4.30	0
CO-845164888	CO1633543038	6.75	2 1-	2ACSR	0	0	678	154	0	0	0	0.00	4.30	0
CO6790	CO6785	6.69	12 1-	4ACSR	0	0	685	154	12	1	1	0.00	4.30	0
CO6791	CO6790	6.73	9 1-	4ACSR	0	0	679	154	4	0	0	0.00	4.30	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-490942932	CO6791	6.76	7 1-	2ACSR	0	0	674	154	3	0	0	0.00	4.30	0
CO1876042396	CO-490942932	6.78	3 1-	2ACSR	0	0	672	154	3	0	0	0.00	4.30	0
CO-428527835	CO1876042396	6.79	3 1-	2ACSR	0	0	670	154	3	0	0	0.00	4.30	0
CO2108429900	CO-428527835	6.82	3 1-	2ACSR	0	0	666	153	3	0	0	0.00	4.30	0
CO-934948291	CO-490942932	6.80	4 1-	2ACSR	0	0	669	154	0	0	0	0.00	4.30	0
CO6470	CO6785	6.71	4 1-	2ACSR	0	0	684	154	0	0	0	0.00	4.29	0
CO6449	OC-86712539	6.09	2 1-	4ACSR	0	0	801	160	12	1	1	0.00	3.61	0
CO6426	CO6757	6.10	0 1-	4ACSR	0	0	799	160	0	0	0	0.00	3.37	0
CO6376	CO6375	5.81	3 1-	4ACSR	0	0	865	163	19	2	2	0.01	3.08	0
CO6488	CO6376	5.98	3 1-	4ACSR	0	0	825	161	19	2	2	0.02	3.10	0
CO6761	CO6488	6.08	3 1-	4ACSR	0	0	803	160	19	2	2	0.01	3.11	0
CO6762	CO6761	6.17	2 1-	4ACSR	0	0	783	159	11	1	1	0.01	3.11	0
CO6448	CO6762	6.36	1 1-	4ACSR	0	0	744	157	3	0	0	0.00	3.11	0
CO-192406970	CO6762	6.24	1 1-	4ACSR	0	0	769	159	8	1	1	0.00	3.12	0
CO-1412743967	CO-192406970	6.38	1 1-	4ACSR	0	0	740	157	8	1	1	0.00	3.12	0
CO-1839810447	CO-192406970	6.34	0 1-	4ACSR	0	0	749	158	0	0	0	0.00	3.12	0
CO6424	CO6376	5.87	0 1-	4ACSR	0	0	851	162	0	0	0	0.00	3.08	0
CO6368	CO6369	5.29	293 3-	4/0ACSR	1421	1301	1024	169	1873	84	25	0.09	1.79	234
CO6420	CO6368	5.41	1 1-	4ACSR	0	0	987	168	11	1	1	0.00	1.79	0
OC963659116	CO6420	5.41	0 1-	20 N FUSE	0	0	987	168	0	0	0	0.00	1.79	0
CO6367	CO6368	5.42	292 3-	4/0ACSR	1390	1272	1000	168	1861	84	25	0.10	1.89	270
CO6589	CO6367	5.52	4 1-	4ACSR	0	0	973	167	21	2	2	0.01	1.90	0
OC-674030568	CO6589	5.52	2 1-	20 N FUSE	0	0	973	167	17	2	12	0.00	1.90	0
CO6588	OC-674030568	5.58	1 1-	4ACSR	0	0	956	167	7	0	1	0.00	1.90	0
CO102230778	CO6588	5.61	1 1-	2ACSR	0	0	947	167	7	0	1	0.00	1.90	0
CO6418	OC-674030568	5.56	1 1-	4ACSR	0	0	959	167	10	1	1	0.00	1.90	0
CO6486	CO6367	5.47	288 3-	4/0ACSR	1380	1263	992	168	1839	83	24	0.03	1.92	85
CO6487	CO6486	5.67	288 3-	4/0ACSR	1334	1222	957	168	1839	83	24	0.16	2.08	406
CO6587	CO6487	5.72	6 1-	4ACSR	0	0	945	167	35	4	3	0.01	2.09	0
OC-1505960734	CO6587	5.72	5 1-	20 N FUSE	0	0	945	167	28	3	19	0.00	2.09	0
CO6703	OC-1505960734	5.78	5 1-	4ACSR	0	0	929	167	28	3	3	0.01	2.10	0
CO6704	CO6703	5.79	3 1-	4ACSR	0	0	924	166	26	3	2	0.00	2.10	0
CO6493	CO6487	5.71	282 3-	4/0ACSR	1326	1214	951	168	1802	81	24	0.03	2.11	73
CO6494	CO6493	5.77	282 3-	4/0ACSR	1312	1202	941	167	1802	81	24	0.05	2.16	122
CO6429	CO6494	5.79	1 1-	4ACSR	0	0	936	167	8	1	1	0.00	2.16	0
OC1902310336	CO6429	5.79	0 1-	20 N FUSE	0	0	936	167	0	0	0	0.00	2.16	0
CO6379	CO6494	5.81	281 3-	4/0ACSR	1305	1195	935	167	1793	81	24	0.03	2.18	69
CO6484	CO6379	5.84	213 3-	4/0ACSR	1298	1189	930	167	1473	66	20	0.02	2.20	42
CO6483	CO6484	5.91	213 3-	4/0ACSR	1284	1177	920	167	1472	66	20	0.04	2.24	85
CO6485	CO6483	5.97	213 3-	4/0ACSR	1271	1165	910	167	1472	66	20	0.04	2.28	85
CO6586	CO6485	6.06	6 1-	4ACSR	0	0	889	166	38	5	4	0.02	2.30	0
OC-34990268	CO6586	6.06	3 1-	20 N FUSE	0	0	889	166	23	3	15	0.00	2.30	0
CO6763	OC-34990268	6.09	2 1-	4ACSR	0	0	880	166	17	2	2	0.00	2.30	0
CO6764	CO6763	6.13	0 1-	4ACSR	0	0	871	165	0	0	0	0.00	2.30	0
CO6417	OC-34990268	6.10	1 1-	4ACSR	0	0	880	166	6	0	1	0.00	2.30	0
CO6366	CO6485	5.99	207 3-	4/0ACSR	1267	1162	907	167	1434	65	19	0.01	2.30	23
CO6584	CO6366	6.12	1 1-	4ACSR	0	0	877	165	8	1	1	0.00	2.30	0
OC-1839478350	CO6584	6.12	0 1-	20 N FUSE	0	0	877	165	0	0	0	0.00	2.30	0
CO6585	OC-1839478350	6.21	0 1-	4ACSR	0	0	855	165	0	0	0	0.00	2.30	0
CO6365	CO6366	6.22	206 3-	4/0ACSR	1224	1122	874	166	1425	64	19	0.14	2.43	274
CO6747	CO6365	6.25	205 3-	4/0ACSR	1218	1117	870	166	1419	64	19	0.02	2.45	40
CO6699	CO6747	6.30	205 3-	4/0ACSR	1211	1110	864	166	1418	64	19	0.03	2.48	50

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6825	CO6699	6.40	1 1-	4ACSR	0	0	840	165	6	0	1	0.00	2.48	0
OC1058120022	CO6825	6.40	0 1-	20 N FUSE	0	0	840	165	0	0	0	0.00	2.48	0
CO6826	OC1058120022	6.48	0 1-	4ACSR	0	0	825	164	0	0	0	0.00	2.48	0
CO6740	CO6699	6.45	203 3-	4/0ACSR	1184	1086	844	165	1403	63	19	0.09	2.56	177
CO6698	CO6740	6.53	203 3-	4/0ACSR	1170	1073	833	165	1402	63	19	0.05	2.61	99
CO6738	CO6698	6.63	3 1-	4ACSR	0	0	813	164	12	1	1	0.01	2.62	0
OC-1325718740	CO6738	6.63	3 1-	20 N FUSE	0	0	813	164	12	1	9	0.00	2.62	0
CO6739	OC-1325718740	6.67	3 1-	4ACSR	0	0	804	164	12	1	1	0.00	2.63	0
CO6582	CO6739	6.71	2 1-	4ACSR	0	0	796	163	12	1	1	0.00	2.63	0
CO6583	CO6582	6.77	0 1-	4ACSR	0	0	785	163	0	0	0	0.00	2.63	0
CO6697	CO6698	6.61	197 3-	4/0ACSR	1156	1060	823	165	1366	62	18	0.05	2.66	91
FD457656573	CO6697	6.61	195 3-	_DefaultBayEqui	1156	1060	823	165	1357	61	0	0.00	2.66	0
CO6727	FD457656573	6.65	195 3-	4/0ACSR	1151	1056	819	165	1357	61	18	0.02	2.68	34
OC457656573	CO6727	6.65	184 3-	20 N FUSE	1151	1056	819	165	1307	59	297	0.00	2.68	0
CO6361	OC457656573	6.70	184 3-	4/0ACSR	1142	1047	812	165	1307	59	17	0.03	2.71	58
CO6578	CO6361	6.77	5 1-	4ACSR	0	0	799	164	39	5	4	0.01	2.72	0
OC302619809	CO6578	6.77	3 1-	20 N FUSE	0	0	799	164	27	3	19	0.00	2.72	0
CO6723	OC302619809	6.86	3 1-	4ACSR	0	0	782	163	27	3	3	0.01	2.74	0
CO6724	CO6723	6.93	2 1-	4ACSR	0	0	768	162	17	2	2	0.00	2.74	0
CO6360	CO6361	6.83	179 3-	4/0ACSR	1121	1029	797	164	1267	57	17	0.07	2.78	123
CO6359	CO6360	6.97	173 3-	4/0ACSR	1100	1010	781	164	1240	56	17	0.07	2.85	130
CO6480	CO6359	7.01	137 3-	4/0ACSR	1094	1004	777	164	982	44	13	0.02	2.87	22
CO6718	CO6480	7.03	137 3-	4/0ACSR	1092	1002	775	164	982	44	13	0.01	2.87	9
CO6720	CO6718	7.08	137 3-	4/0ACSR	1084	995	770	164	982	44	13	0.02	2.90	31
CO6719	CO6720	7.12	136 3-	4/0ACSR	1078	990	765	163	977	44	13	0.02	2.91	25
CO6358	CO6719	7.28	123 3-	4/0ACSR	1057	970	749	163	929	42	12	0.06	2.97	76
CO6846	CO6358	7.28	32 1-	4ACSR	0	0	748	163	173	23	17	0.01	2.98	0
OC188	CO6846	7.28	32 1-	50 H OCR	0	0	748	163	173	23	47	0.00	2.98	0
CO6847	OC188	7.42	32 1-	4ACSR	0	0	725	162	173	23	17	0.14	3.12	39
CO6689	CO6847	7.47	30 1-	4ACSR	0	0	717	161	163	22	16	0.05	3.17	12
CO6690	CO6689	7.53	28 1-	4ACSR	0	0	708	160	150	20	15	0.05	3.22	12
CO6714	CO6690	7.56	27 1-	4ACSR	0	0	702	160	141	19	14	0.03	3.24	7
CO6691	CO6714	7.60	24 1-	4ACSR	0	0	696	160	121	16	12	0.03	3.27	5
CO8355	CO6691	7.75	23 1-	4ACSR	0	0	673	158	110	15	11	0.10	3.37	18
CO8352	CO8355	7.84	1 1-	4ACSR	0	0	660	157	2	0	0	0.00	3.37	0
CO7447	CO8355	7.77	22 1-	4ACSR	0	0	671	158	108	14	11	0.01	3.38	2
CO7498	CO7447	7.84	1 1-	4ACSR	0	0	660	157	4	0	0	0.00	3.39	0
CO7448	CO7447	7.81	20 1-	4ACSR	0	0	665	158	104	14	10	0.03	3.41	5
CO7710	CO7448	7.85	3 1-	4ACSR	0	0	659	157	11	1	1	0.00	3.41	0
CO7711	CO7710	7.89	2 1-	4ACSR	0	0	653	157	4	0	0	0.00	3.41	0
CO7552	CO7448	7.84	17 1-	4ACSR	0	0	660	157	93	12	9	0.02	3.43	3
CO7553	CO7552	7.91	17 1-	4ACSR	0	0	650	157	93	12	9	0.04	3.47	6
CO7554	CO7553	8.00	17 1-	4ACSR	0	0	638	156	93	12	9	0.05	3.52	7
CO7499	CO7554	8.04	0 1-	4ACSR	0	0	632	156	0	0	0	0.00	3.52	0
CO7449	CO7554	8.08	17 1-	4ACSR	0	0	628	155	93	12	9	0.05	3.56	7
OC-1368271817	CO7449	8.08	17 1-	20 N FUSE	0	0	628	155	93	12	64	0.00	3.56	0
CO7605	OC-1368271817	8.18	1 1-	4ACSR	0	0	614	154	5	0	1	0.00	3.57	0
CO7606	CO7605	8.23	1 1-	4ACSR	0	0	607	154	5	0	1	0.00	3.57	0
CO7450	OC-1368271817	8.11	16 1-	4ACSR	0	0	623	155	87	12	9	0.02	3.58	3
CO7500	CO7450	8.23	1 1-	4ACSR	0	0	608	154	16	2	2	0.01	3.59	0
CO7451	CO7450	8.33	15 1-	4ACSR	0	0	595	153	71	9	7	0.09	3.68	11
CO7453	CO7451	8.47	12 1-	4ACSR	0	0	578	152	61	8	6	0.05	3.73	5

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1676478082	CO7558	8.52	9 1-	4ACSR	0	0	573	151	47	6	5	0.01	3.74	0
	CO7558	8.52	9 1-	20 N FUSE	0	0	573	151	47	6	32	0.00	3.74	0
	OC-1676478082	8.62	9 1-	4ACSR	0	0	561	150	47	6	5	0.02	3.77	0
	CO7708	8.62	9 1-	4ACSR	0	0	561	150	47	6	5	0.02	3.77	0
	CO7709	8.68	7 1-	4ACSR	0	0	555	150	31	4	3	0.01	3.78	0
	CO7612	8.72	4 1-	4ACSR	0	0	551	150	19	2	2	0.00	3.78	0
	CO7613	8.77	3 1-	4ACSR	0	0	545	149	16	2	2	0.00	3.79	0
	CO7614	8.87	1 1-	4ACSR	0	0	535	148	8	1	1	0.00	3.79	0
	CO6407	8.88	1 1-	4ACSR	0	0	535	148	8	1	1	0.00	3.79	0
	CO6629	8.90	0 1-	4ACSR	0	0	533	148	0	0	0	0.00	3.79	0
	CO6628	8.93	0 1-	4ACSR	0	0	529	148	0	0	0	0.00	3.79	0
	CO7607	8.71	2 1-	4ACSR	0	0	552	150	10	1	1	0.00	3.78	0
	CO7608	8.75	2 1-	4ACSR	0	0	547	149	10	1	1	0.00	3.78	0
	CO7609	8.78	1 1-	4ACSR	0	0	544	149	3	0	0	0.00	3.78	0
	CO7610	8.81	1 1-	4ACSR	0	0	541	149	3	0	0	0.00	3.78	0
	CO7611	8.85	1 1-	4ACSR	0	0	537	148	3	0	0	0.00	3.78	0
	CO7503	8.51	2 1-	4ACSR	0	0	574	151	8	1	1	0.00	3.73	0
	CO7502	8.55	1 1-	4ACSR	0	0	570	151	7	0	1	0.00	3.73	0
	CO7452	8.46	3 1-	4ACSR	0	0	579	152	10	1	1	0.01	3.68	0
	CO7555	8.63	3 1-	4ACSR	0	0	560	150	10	1	1	0.01	3.69	0
	CO7556	8.83	1 1-	4ACSR	0	0	539	149	0	0	0	0.00	3.69	0
	CO7557	9.06	1 1-	4ACSR	0	0	516	147	0	0	0	0.00	3.69	0
	CO7501	8.59	0 1-	4ACSR	0	0	565	151	0	0	0	0.00	3.68	0
	CO6630	7.62	2 1-	4ACSR	0	0	694	160	13	1	1	0.00	3.25	0
	CO6446	7.65	1 1-	4ACSR	0	0	689	159	12	1	1	0.00	3.25	0
	CO6631	7.64	1 1-	4ACSR	0	0	691	159	0	0	0	0.00	3.25	0
	CO6357	7.41	87 3-	4/0ACSR	1039	954	736	163	730	33	10	0.04	3.01	42
	CO6356	7.45	80 3-	4/0ACSR	1034	949	732	162	677	30	9	0.01	3.02	10
	CO6479	7.60	3 3-	2ACSR	1005	925	712	161	161	7	4	0.03	3.05	7
OC587102266	CO6479	7.60	3 3-	20 N FUSE	1005	925	712	161	161	7	37	0.00	3.05	0
	OC587102266	7.61	3 3-	2ACSR	1002	922	710	161	161	7	4	0.00	3.05	0
	CO6748	7.69	2 3-	2ACSR	989	911	700	161	12	0	0	0.00	3.05	0
	CO6839	7.77	1 3-	1/0PRIURD	984	907	692	340	10	0	0	0.00	3.05	0
	CO30654	7.84	1 1-	4ACSR	0	0	676	159	3	0	0	0.00	3.06	0
OC1306854553	CO30654	7.84	1 1-	20 N FUSE	0	0	676	159	3	0	2	0.00	3.06	0
	OC1306854553	7.89	1 1-	4ACSR	0	0	670	159	3	0	0	0.00	3.06	0
	CO7619	7.95	1 1-	4ACSR	0	0	662	158	3	0	0	0.00	3.06	0
330102135	CO6748	7.61	1 3-	Consumer	1002	922	710	161	148	6	0	0.00	3.05	0
	CO6688	7.48	77 3-	4/0ACSR	1029	945	729	162	516	23	7	0.01	3.03	6
	CO12952	7.71	77 3-	4/0ACSR	1000	919	707	162	516	23	7	0.05	3.08	36
	CO12989	7.85	2 1-	4ACSR	0	0	686	160	38	5	4	0.02	3.10	0
OC1009927014	CO12989	7.85	0 1-	20 N FUSE	0	0	686	160	0	0	0	0.00	3.10	0
	CO12951	7.73	73 3-	4/0ACSR	998	917	706	162	469	21	6	0.00	3.08	2
	CO13102	7.79	3 1-	4ACSR	0	0	696	161	12	1	1	0.00	3.09	0
OC1962896989	CO13102	7.79	1 1-	20 N FUSE	0	0	696	161	10	1	7	0.00	3.09	0
	OC1962896989	7.87	1 1-	4ACSR	0	0	684	160	10	1	1	0.00	3.09	0
	CO13002	7.76	70 3-	4/0ACSR	994	914	703	162	457	20	6	0.01	3.09	4
	CO13001	7.83	70 3-	4/0ACSR	986	906	697	161	457	20	6	0.01	3.10	8
	CO13034	7.86	5 1-	4ACSR	0	0	692	161	39	5	4	0.01	3.11	0
OC-2036069136	CO13034	7.86	4 1-	20 N FUSE	0	0	692	161	24	3	16	0.00	3.11	0
	OC-2036069136	7.88	4 1-	4ACSR	0	0	689	161	24	3	2	0.00	3.11	0
	CO13035	7.96	1 1-	4ACSR	0	0	678	160	5	0	1	0.00	3.11	0
	CO13036	7.96	1 1-	4ACSR	0	0	678	160	5	0	1	0.00	3.11	0
	CO13033	7.87	64 3-	4/0ACSR	981	901	693	161	410	18	6	0.01	3.11	5

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13032	CO13033	7.98	64 3-	4/0ACSR	969	890	684	161	410	18	6	0.02	3.13	10
CO12988	CO13032	8.14	2 1-	4ACSR	0	0	661	159	2	0	0	0.00	3.13	0
OC-1454285742	CO12988	8.14	0 1-	20 N FUSE	0	0	661	159	0	0	0	0.00	3.13	0
CO12987	CO13032	8.15	2 1-	4ACSR	0	0	660	159	12	1	1	0.01	3.13	0
OC1638385423	CO12987	8.15	0 1-	20 N FUSE	0	0	660	159	0	0	0	0.00	3.13	0
CO12950	CO13032	8.11	59 3-	4/0ACSR	953	876	673	160	383	17	5	0.02	3.15	12
CO12953	CO12950	8.21	42 3-	2ACSR	936	862	661	160	293	13	7	0.03	3.18	17
CO13000	CO12953	8.26	41 1-	2ACSR	0	0	655	159	248	33	19	0.05	3.23	20
OC925964915	CO13000	8.26	41 1-	70 L OCR	0	0	655	159	248	33	49	0.00	3.23	0
CO17218	OC925964915	8.30	41 1-	2ACSR	0	0	651	159	248	33	19	0.04	3.27	16
CO2089196102	CO17218	8.35	1 1-	2ACSR	0	0	646	159	10	1	1	0.00	3.28	0
CO14893	CO17218	8.35	39 1-	2ACSR	0	0	645	159	237	32	18	0.05	3.32	19
CO14892	CO14893	8.45	39 1-	2ACSR	0	0	635	158	237	32	18	0.09	3.42	34
CO14891	CO14892	8.52	37 1-	2ACSR	0	0	628	158	229	31	17	0.07	3.48	25
CO14810	CO14891	8.60	19 1-	2ACSR	0	0	619	157	113	15	9	0.04	3.52	7
CO14988	CO14810	8.69	6 1-	2ACSR	0	0	610	157	31	4	2	0.01	3.53	0
CO14992	CO14988	8.73	3 1-	4ACSR	0	0	605	156	25	3	2	0.01	3.54	0
CO14991	CO14992	8.77	2 1-	4ACSR	0	0	601	156	21	2	2	0.00	3.54	0
CO1349416517	CO14991	8.91	1 1-	2ACSR	0	0	587	155	12	1	1	0.00	3.55	0
CO14987	CO14988	8.77	3 1-	2ACSR	0	0	602	156	6	0	0	0.00	3.54	0
CO966706038	CO14987	8.84	2 1-	2ACSR	0	0	596	156	0	0	0	0.00	3.54	0
CO-1206633433	CO966706038	8.90	2 1-	2ACSR	0	0	590	155	0	0	0	0.00	3.54	0
CO252571525	CO-1206633433	8.94	0 1-	2ACSR	0	0	586	155	0	0	0	0.00	3.54	0
CO-500618845	CO-1206633433	8.95	2 1-	2ACSR	0	0	586	155	0	0	0	0.00	3.54	0
CO-1949677770	CO-500618845	8.98	0 1-	2ACSR	0	0	582	155	0	0	0	0.00	3.54	0
CO-1802027497	CO-1949677770	9.04	0 1-	2ACSR	0	0	577	154	0	0	0	0.00	3.54	0
CO1073353669	CO-1802027497	9.10	0 1-	2ACSR	0	0	572	154	0	0	0	0.00	3.54	0
CO-6134816	CO-500618845	8.97	2 1-	2ACSR	0	0	583	155	0	0	0	0.00	3.54	0
CO476106124	CO-6134816	9.02	1 1-	2ACSR	0	0	579	154	0	0	0	0.00	3.54	0
CO14888	CO476106124	9.09	1 1-	2ACSR	0	0	573	154	0	0	0	0.00	3.54	0
CO1741316382	CO14888	9.13	1 1-	2ACSR	0	0	569	154	0	0	0	0.00	3.54	0
CO1509952656	CO14888	9.13	0 1-	2ACSR	0	0	569	154	0	0	0	0.00	3.54	0
CO14986	CO14987	8.84	1 1-	2ACSR	0	0	596	156	5	0	0	0.00	3.54	0
CO14985	CO14986	8.91	1 1-	2ACSR	0	0	589	155	5	0	0	0.00	3.54	0
CO14984	CO14810	8.71	11 1-	2ACSR	0	0	608	156	70	9	5	0.03	3.55	3
CO14983	CO14984	8.76	8 1-	2ACSR	0	0	603	156	51	7	4	0.01	3.56	0
CO14982	CO14983	8.85	4 1-	2ACSR	0	0	595	156	36	4	3	0.01	3.57	0
CO14981	CO14982	8.90	2 1-	2ACSR	0	0	590	155	15	2	1	0.00	3.57	0
CO14809	CO14891	8.57	18 1-	2ACSR	0	0	622	157	116	15	9	0.02	3.51	4
CO14980	CO14809	8.62	9 1-	2ACSR	0	0	617	157	48	6	4	0.01	3.52	0
CO14979	CO14980	8.74	7 1-	2ACSR	0	0	606	156	33	4	3	0.02	3.53	0
CO15093	CO14979	8.81	6 1-	2ACSR	0	0	598	156	33	4	3	0.01	3.54	0
CO15094	CO15093	8.86	3 1-	2ACSR	0	0	593	155	23	3	2	0.00	3.55	0
CO15119	CO15094	8.93	2 1-	2ACSR	0	0	587	155	15	2	1	0.00	3.55	0
CO14995	CO15119	8.97	2 1-	2ACSR	0	0	584	155	15	2	1	0.00	3.55	0
CO14978	CO14809	8.63	7 1-	2ACSR	0	0	616	157	57	7	4	0.01	3.52	0
CO14977	CO14978	8.70	6 1-	2ACSR	0	0	609	157	52	7	4	0.01	3.54	0
CO14976	CO14977	8.87	3 1-	2ACSR	0	0	593	155	34	4	3	0.02	3.55	0
CO14975	CO14976	8.91	1 1-	2ACSR	0	0	589	155	14	1	1	0.00	3.55	0
CO12990	CO12953	8.27	1 3-	2ACSR	927	854	655	159	45	2	1	0.00	3.18	0
CO12949	CO12950	8.27	17 3-	4/0ACSR	936	860	660	160	91	4	1	0.01	3.15	0
CO13100	CO12949	8.33	9 1-	4ACSR	0	0	652	159	48	6	5	0.02	3.17	0

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1768527664	CO13100	8.33	8 1-	20 N FUSE	0	0	652	159	48	6	33	0.00	3.17	0
CO17220	OC-1768527664	8.39	8 1-	4ACSR	0	0	644	159	48	6	5	0.02	3.19	0
CO14966	CO17220	8.42	6 1-	4ACSR	0	0	640	159	38	5	4	0.01	3.19	0
CO15002	CO14966	8.49	2 1-	2ACSR	0	0	633	158	5	0	0	0.00	3.19	0
CO15001	CO14966	8.48	2 1-	2ACSR	0	0	634	158	19	2	1	0.00	3.20	0
CO14965	CO14966	8.48	1 1-	4ACSR	0	0	632	158	11	1	1	0.00	3.20	0
CO14855	CO14966	8.45	1 1-	2ACSR	0	0	637	158	4	0	0	0.00	3.19	0
CO12986	CO12949	8.35	1 1-	4ACSR	0	0	650	159	0	0	0	0.00	3.15	0
OC-2045231124	CO12986	8.35	0 1-	20 N FUSE	0	0	650	159	0	0	0	0.00	3.15	0
CO12947	CO12949	8.42	7 3-	4/0ACSR	920	846	648	160	43	1	1	0.00	3.16	0
CO17219	CO12947	8.47	1 1-	4ACSR	0	0	642	159	2	0	0	0.00	3.16	0
OC2064558829	CO17219	8.47	0 1-	20 N FUSE	0	0	642	159	0	0	0	0.00	3.16	0
CO12948	CO12947	8.52	6 3-	4/0ACSR	910	837	641	159	41	1	1	0.00	3.16	0
CO17217	CO12948	8.57	1 1-	4ACSR	0	0	634	159	12	1	1	0.00	3.16	0
OC488065821	CO17217	8.57	0 1-	20 N FUSE	0	0	634	159	0	0	0	0.00	3.16	0
CO17216	CO12948	8.58	5 3-	1/0ACSR	901	829	635	159	29	1	1	0.00	3.16	0
CO1439089210	CO17216	8.62	0 3-	2ACSR	896	825	631	159	0	0	0	0.00	3.16	0
CO15092	CO17216	8.67	5 1-	4ACSR	0	0	624	158	29	3	3	0.01	3.17	0
OC-946547093	CO15092	8.67	4 1-	20 N FUSE	0	0	624	158	23	3	16	0.00	3.17	0
CO15095	OC-946547093	8.72	4 1-	4ACSR	0	0	619	158	23	3	2	0.00	3.18	0
CO14964	CO15095	8.77	3 1-	4ACSR	0	0	612	157	11	1	1	0.00	3.18	0
CO6561	CO6357	7.47	6 1-	4ACSR	0	0	726	162	40	5	4	0.02	3.03	0
OC518195889	CO6561	7.47	6 1-	20 N FUSE	0	0	726	162	40	5	28	0.00	3.03	0
CO6560	OC518195889	7.53	6 1-	4ACSR	0	0	717	161	40	5	4	0.01	3.04	0
CO6700	CO6560	7.56	5 1-	4ACSR	0	0	712	161	32	4	3	0.01	3.04	0
CO6701	CO6700	7.58	4 1-	4ACSR	0	0	708	161	26	3	3	0.00	3.05	0
CO6702	CO6701	7.62	3 1-	4ACSR	0	0	702	160	16	2	2	0.00	3.05	0
CO6840	CO6702	7.69	1 1-	1/0PRIURD	0	0	694	339	5	0	0	0.00	3.05	0
CO6563	CO6719	7.23	4 1-	4ACSR	0	0	747	162	4	0	0	0.00	2.91	0
OC1721381819	CO6563	7.23	1 1-	20 N FUSE	0	0	747	162	0	0	0	0.00	2.91	0
CO6562	OC1721381819	7.30	1 1-	4ACSR	0	0	734	162	0	0	0	0.00	2.91	0
CO6715	CO6719	7.18	7 1-	4ACSR	0	0	756	163	27	3	3	0.01	2.92	0
OC2007396425	CO6715	7.18	5 1-	20 N FUSE	0	0	756	163	14	1	10	0.00	2.92	0
CO6717	OC2007396425	7.22	5 1-	4ACSR	0	0	748	162	14	1	1	0.00	2.92	0
CO6716	CO6717	7.29	3 1-	4ACSR	0	0	737	162	3	0	0	0.00	2.92	0
CO6564	CO6716	7.34	2 1-	4ACSR	0	0	727	161	2	0	0	0.00	2.92	0
CO6692	CO6359	7.04	36 1-	4ACSR	0	0	768	163	258	35	25	0.11	2.96	44
CO6693	CO6692	7.09	35 1-	4ACSR	0	0	760	163	242	33	24	0.06	3.02	24
OC1211387813	CO6693	7.09	34 1-	20 N FUSE	0	0	760	163	231	31	158	0.00	3.02	0
CO6362	OC1211387813	7.18	33 1-	4ACSR	0	0	744	162	221	30	22	0.12	3.15	45
CO6721	CO6362	7.26	32 1-	4ACSR	0	0	731	161	212	28	21	0.10	3.24	33
CO6722	CO6721	7.35	31 1-	4ACSR	0	0	715	160	207	28	20	0.12	3.36	40
CO6568	CO6722	7.41	29 1-	4ACSR	0	0	706	160	189	25	19	0.06	3.42	20
CO6569	CO6568	7.43	0 1-	4ACSR	0	0	702	159	0	0	0	0.00	3.42	0
CO6411	CO6568	7.47	27 1-	4ACSR	0	0	696	159	181	24	18	0.07	3.49	20
CO6695	CO6411	7.54	25 1-	4ACSR	0	0	684	158	164	22	16	0.07	3.56	19
CO6728	CO6695	7.63	23 1-	4ACSR	0	0	671	157	157	21	15	0.08	3.64	21
CO6573	CO6728	7.73	4 1-	4ACSR	0	0	657	157	26	3	3	0.01	3.66	0
CO6575	CO6573	7.78	2 1-	4ACSR	0	0	649	156	19	2	2	0.00	3.66	0
CO6574	CO6575	7.83	1 1-	4ACSR	0	0	642	156	8	1	1	0.00	3.66	0
CO6572	CO6728	7.65	2 1-	4ACSR	0	0	668	157	27	3	3	0.00	3.65	0
CO6729	CO6572	7.70	2 1-	4ACSR	0	0	661	157	27	3	3	0.00	3.65	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6730	CO6729	7.75	0 1-	4ACSR	0	0	654	156	0	0	0	0.00	3.65	0
CO6363	CO6728	7.72	14 1-	4ACSR	0	0	658	157	82	11	8	0.04	3.69	6
CO6364	CO6363	7.76	13 1-	4ACSR	0	0	651	156	74	10	7	0.02	3.71	2
CO6732	CO6364	7.86	6 1-	4ACSR	0	0	638	155	23	3	2	0.01	3.72	0
CO6733	CO6732	7.93	5 1-	4ACSR	0	0	628	155	16	2	2	0.01	3.72	0
CO8347	CO6733	8.00	5 1-	4ACSR	0	0	619	154	16	2	2	0.01	3.73	0
CO7559	CO8347	8.09	5 1-	4ACSR	0	0	608	153	16	2	2	0.01	3.74	0
CO7560	CO7559	8.29	4 1-	4ACSR	0	0	583	151	13	1	1	0.01	3.75	0
CO7508	CO7560	8.40	1 1-	4ACSR	0	0	570	150	9	1	1	0.00	3.75	0
CO7507	CO7560	8.51	0 1-	4ACSR	0	0	557	150	0	0	0	0.00	3.75	0
CO46856859	CO7559	8.19	1 1-	2ACSR	0	0	598	153	3	0	0	0.00	3.74	0
CO6731	CO6364	7.86	5 1-	4ACSR	0	0	638	155	37	5	4	0.02	3.72	0
CO6696	CO6731	7.87	4 1-	4ACSR	0	0	637	155	26	3	3	0.00	3.72	0
CO6570	CO6696	7.97	0 1-	4ACSR	0	0	623	154	0	0	0	0.00	3.72	0
SW1957362924-B	CO6570	7.97	0 1-	Closed	0	0	623	154	0	0	0	0.00	3.72	0
SW1957362924-A	SW1957362924-B	7.97	0 1-	Closed	0	0	623	154	0	0	0	0.00	3.72	0
CO6571	SW1957362924-A	8.12	0 1-	4ACSR	0	0	603	153	0	0	0	0.00	3.72	0
CO6409	CO6696	7.92	2 1-	4ACSR	0	0	630	155	13	1	1	0.00	3.73	0
CO6410	CO6363	7.81	1 1-	4ACSR	0	0	645	156	8	1	1	0.00	3.69	0
CO6673	CO6728	7.68	2 1-	2ACSR	0	0	665	157	17	2	1	0.00	3.65	0
CO6674	CO6673	7.71	2 1-	2ACSR	0	0	661	157	17	2	1	0.00	3.65	0
CO6694	CO6411	7.64	1 1-	4ACSR	0	0	669	157	10	1	1	0.01	3.49	0
CO6567	CO6722	7.42	1 1-	4ACSR	0	0	704	159	9	1	1	0.00	3.36	0
CO6408	CO6362	7.21	0 1-	4ACSR	0	0	739	161	0	0	0	0.00	3.15	0
CO6565	OC1211387813	7.16	1 1-	4ACSR	0	0	747	162	10	1	1	0.00	3.02	0
CO6566	CO6565	7.21	0 1-	4ACSR	0	0	739	161	0	0	0	0.00	3.02	0
CO6482	CO6360	6.94	5 1-	4ACSR	0	0	777	163	27	3	3	0.02	2.80	0
CO6481	CO6482	6.95	5 1-	4ACSR	0	0	775	163	27	3	3	0.00	2.80	0
CO6576	CO6481	7.04	1 1-	4ACSR	0	0	758	162	13	1	1	0.01	2.80	0
CO6577	CO6576	7.06	1 1-	4ACSR	0	0	754	162	13	1	1	0.00	2.81	0
CO6412	CO6481	7.00	1 1-	4ACSR	0	0	766	163	9	1	1	0.00	2.80	0
CO6581	CO6727	6.72	3 1-	4ACSR	0	0	804	164	15	2	1	0.01	2.69	0
OC1583645423	CO6581	6.72	2 1-	20 N FUSE	0	0	804	164	11	1	8	0.00	2.69	0
CO6725	OC1583645423	6.76	2 1-	4ACSR	0	0	796	164	11	1	1	0.00	2.69	0
CO6726	CO6725	6.82	2 1-	4ACSR	0	0	785	163	11	1	1	0.00	2.69	0
CO6580	CO6726	6.83	1 1-	4ACSR	0	0	782	163	2	0	0	0.00	2.69	0
CO6736	CO6727	6.71	7 1-	4ACSR	0	0	806	164	33	4	3	0.01	2.69	0
OC660729554	CO6736	6.71	5 1-	20 N FUSE	0	0	806	164	30	4	21	0.00	2.69	0
CO6737	OC660729554	6.76	5 1-	4ACSR	0	0	796	164	30	4	3	0.01	2.70	0
CO6734	CO6737	6.80	5 1-	4ACSR	0	0	788	163	30	4	3	0.01	2.71	0
CO6735	CO6734	6.83	3 1-	4ACSR	0	0	782	163	15	2	1	0.00	2.71	0
CO6579	CO6735	6.90	1 1-	4ACSR	0	0	769	162	8	1	1	0.00	2.71	0
CO6413	CO6735	6.88	2 1-	4ACSR	0	0	773	162	7	0	1	0.00	2.71	0
CO6414	CO6698	6.66	1 1-	4ACSR	0	0	808	164	10	1	1	0.00	2.62	0
OC-984586152	CO6414	6.66	0 1-	20 N FUSE	0	0	808	164	0	0	0	0.00	2.62	0
CO6415	CO6365	6.27	1 1-	4ACSR	0	0	864	166	6	0	1	0.00	2.43	0
CO6416	CO6379	5.90	2 1-	4ACSR	0	0	911	166	18	2	2	0.01	2.19	0
OC-1987110480	CO6416	5.90	0 1-	20 N FUSE	0	0	911	166	0	0	0	0.00	2.19	0
CO6377	CO6379	5.85	66 1-	2ACSR	0	0	925	167	302	41	23	0.06	2.24	28
CO6430	CO6377	5.89	2 1-	2ACSR	0	0	917	167	3	0	0	0.00	2.24	0
CO6378	CO6377	5.91	64 1-	2ACSR	0	0	912	167	299	40	23	0.07	2.31	34
CO6469	CO6378	5.94	1 1-	2ACSR	0	0	906	166	3	0	0	0.00	2.31	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6400	CO6378	5.97	63 1-	2ACSR	0	0	901	166	296	40	22	0.07	2.38	32
CO6844	CO6400	5.98	62 1-	2ACSR	0	0	899	166	290	39	22	0.01	2.39	4
OC187	CO6844	5.98	62 1-	70 L OCR	0	0	899	166	290	39	56	0.00	2.39	0
CO6845	OC187	6.05	62 1-	2ACSR	0	0	885	166	290	39	22	0.08	2.47	39
CO6776	CO6845	6.08	61 1-	2ACSR	0	0	878	165	290	39	22	0.04	2.51	19
CO6777	CO6776	6.16	60 1-	2ACSR	0	0	863	165	290	39	22	0.09	2.61	42
CO6432	CO6777	6.20	1 1-	2ACSR	0	0	855	165	6	0	0	0.00	2.61	0
CO6380	CO6777	6.23	58 1-	2ACSR	0	0	850	164	275	37	21	0.08	2.68	34
CO6495	CO6380	6.25	56 1-	2ACSR	0	0	844	164	268	36	20	0.03	2.72	14
CO6855	CO6495	6.26	2 1-	2ACSR	0	0	842	164	14	1	1	0.00	2.72	0
CO6856	CO6855	6.28	2 1-	2ACSR	0	0	840	164	14	1	1	0.00	2.72	0
CO6709	CO6856	6.33	1 1-	2ACSR	0	0	830	164	8	1	1	0.00	2.72	0
CO6496	CO6495	6.28	54 1-	2ACSR	0	0	840	164	254	34	19	0.02	2.74	9
CO6551	CO6496	6.35	53 1-	2ACSR	0	0	828	163	254	34	19	0.07	2.81	29
CO6552	CO6551	6.53	51 1-	2ACSR	0	0	794	162	250	34	19	0.19	3.00	74
CO6553	CO6552	6.59	26 1-	2ACSR	0	0	786	162	111	15	8	0.02	3.03	4
CO6554	CO6553	6.63	25 1-	2ACSR	0	0	778	162	111	15	8	0.02	3.05	4
CO6774	CO6554	6.68	21 1-	2ACSR	0	0	770	161	79	10	6	0.02	3.06	0
CO6775	CO6774	6.76	21 1-	2ACSR	0	0	758	161	79	10	6	0.02	3.09	3
OC994449990	CO6775	6.76	20 1-	20 N FUSE	0	0	758	161	70	9	48	0.00	3.09	0
CO6857	OC994449990	6.88	9 1-	2ACSR	0	0	740	160	31	4	2	0.01	3.10	0
CO6858	CO6857	6.90	9 1-	2ACSR	0	0	737	160	31	4	2	0.00	3.10	0
CO6559	CO6858	6.95	6 1-	2ACSR	0	0	729	159	20	2	1	0.00	3.11	0
CO6558	CO6559	7.10	6 1-	2ACSR	0	0	708	158	20	2	1	0.01	3.12	0
CO6612	CO6558	7.15	4 1-	2ACSR	0	0	702	158	13	1	1	0.00	3.12	0
CO6610	CO6612	7.19	2 1-	2ACSR	0	0	697	158	8	1	1	0.00	3.12	0
CO6611	CO6610	7.24	1 1-	2ACSR	0	0	690	158	7	0	1	0.00	3.13	0
CO6383	CO6558	7.16	2 1-	4ACSR	0	0	699	158	7	0	1	0.00	3.12	0
CO6609	CO6383	7.24	2 1-	2ACSR	0	0	689	157	7	0	1	0.00	3.13	0
CO6438	CO6609	7.25	1 1-	4ACSR	0	0	687	157	6	0	1	0.00	3.13	0
CO6608	CO6609	7.26	1 1-	2ACSR	0	0	685	157	1	0	0	0.00	3.13	0
CO6555	CO6858	7.08	2 1-	2ACSR	0	0	711	159	12	1	1	0.01	3.11	0
CO6557	CO6555	7.14	2 1-	2ACSR	0	0	703	158	12	1	1	0.00	3.12	0
CO6556	CO6557	7.32	0 1-	2ACSR	0	0	679	157	0	0	0	0.00	3.12	0
CO6851	CO6556	7.56	0 1-	4ACSR	0	0	644	155	0	0	0	0.00	3.12	0
CO6852	CO6851	7.56	0 1-	4ACSR	0	0	643	155	0	0	0	0.00	3.12	0
CO6437	OC994449990	6.81	1 1-	2ACSR	0	0	750	160	2	0	0	0.00	3.09	0
CO6405	OC994449990	6.79	10 1-	2ACSR	0	0	753	160	37	5	3	0.00	3.09	0
CO6859	CO6405	6.93	2 1-	2ACSR	0	0	733	160	11	1	1	0.01	3.10	0
CO6860	CO6859	7.00	2 1-	2ACSR	0	0	722	159	11	1	1	0.00	3.10	0
CO6607	CO6860	7.05	1 1-	2ACSR	0	0	715	159	11	1	1	0.00	3.10	0
CO6768	CO6405	6.86	5 1-	2ACSR	0	0	742	160	22	3	2	0.01	3.10	0
CO6769	CO6768	6.94	4 1-	2ACSR	0	0	731	159	18	2	1	0.00	3.10	0
CO6678	CO6769	7.08	1 1-	2ACSR	0	0	711	159	8	1	1	0.00	3.10	0
CO6637	CO6554	6.70	2 1-	2ACSR	0	0	768	161	21	2	2	0.00	3.05	0
CO6638	CO6637	6.74	1 1-	2ACSR	0	0	761	161	11	1	1	0.00	3.05	0
CO6434	CO6552	6.61	1 1-	2ACSR	0	0	782	162	0	0	0	0.00	3.00	0
CO-941611886	CO6552	6.63	23 1-	2ACSR	0	0	779	162	124	16	9	0.05	3.05	10
CO1658766723	CO-941611886	6.68	1 1-	2ACSR	0	0	770	161	9	1	1	0.00	3.05	0
CO-912023170	CO-941611886	6.69	22 1-	2ACSR	0	0	770	161	115	15	9	0.03	3.08	5
CO6682	CO-912023170	6.75	22 1-	2ACSR	0	0	760	161	115	15	9	0.03	3.10	5
CO6478	CO6682	6.81	1 1-	2ACSR	0	0	751	160	0	0	0	0.00	3.10	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6477	CO6682	6.80	20 1-	2ACSR	0	0	752	160	111	15	8	0.02	3.13	4
CO6599	CO6477	6.88	2 1-	2ACSR	0	0	741	160	14	1	1	0.00	3.13	0
CO6597	CO6599	6.94	1 1-	2ACSR	0	0	731	159	5	0	0	0.00	3.13	0
CO6598	CO6597	7.01	1 1-	2ACSR	0	0	721	159	5	0	0	0.00	3.13	0
CO6381	CO6477	6.86	17 1-	2ACSR	0	0	743	160	91	12	7	0.02	3.15	3
CO6602	CO6381	6.89	2 1-	2ACSR	0	0	738	160	18	2	1	0.00	3.15	0
CO6600	CO6602	6.93	1 1-	2ACSR	0	0	732	160	10	1	1	0.00	3.15	0
CO6601	CO6600	6.99	1 1-	2ACSR	0	0	724	159	10	1	1	0.00	3.16	0
CO6498	CO6381	6.91	15 1-	2ACSR	0	0	735	160	73	9	6	0.02	3.17	0
CO6834	CO6498	6.94	15 1-	2ACSR	0	0	731	159	73	9	6	0.01	3.18	0
CO6835	CO6834	6.97	15 1-	2ACSR	0	0	727	159	73	9	6	0.01	3.18	0
CO6772	CO6835	7.03	13 1-	2ACSR	0	0	718	159	71	9	5	0.02	3.20	0
CO6773	CO6772	7.08	12 1-	2ACSR	0	0	711	159	71	9	5	0.01	3.22	0
CO6497	CO6773	7.24	11 1-	2ACSR	0	0	689	157	62	8	5	0.04	3.26	4
CO6603	CO6497	7.31	2 1-	2ACSR	0	0	681	157	13	1	1	0.00	3.26	0
CO6770	CO6603	7.37	2 1-	2ACSR	0	0	673	157	13	1	1	0.00	3.26	0
CO6771	CO6770	7.44	1 1-	2ACSR	0	0	664	156	4	0	0	0.00	3.26	0
CO6499	CO6497	7.28	8 1-	2ACSR	0	0	684	157	43	5	3	0.01	3.26	0
CO6500	CO6499	7.35	8 1-	2ACSR	0	0	676	157	43	5	3	0.01	3.28	0
CO6501	CO6500	7.42	1 1-	2ACSR	0	0	668	156	2	0	0	0.00	3.28	0
CO6502	CO6501	7.48	1 1-	2ACSR	0	0	659	156	2	0	0	0.00	3.28	0
CO6435	CO6502	7.54	1 1-	2ACSR	0	0	653	156	2	0	0	0.00	3.28	0
CO6436	CO6500	7.39	1 1-	2ACSR	0	0	671	157	5	0	0	0.00	3.28	0
CO6382	CO6500	7.46	6 1-	4ACSR	0	0	659	156	36	4	4	0.02	3.30	0
CO6606	CO6382	7.54	5 1-	2ACSR	0	0	650	155	28	3	2	0.01	3.31	0
CO6604	CO6606	7.60	5 1-	2ACSR	0	0	642	155	28	3	2	0.01	3.32	0
CO6605	CO6604	7.65	5 1-	2ACSR	0	0	637	155	28	3	2	0.01	3.32	0
CO8332	CO6605	7.80	4 1-	2ACSR	0	0	620	154	18	2	1	0.01	3.33	0
CO6838	CO6605	7.72	1 1-	1/0PRIURD	0	0	631	315	10	1	1	0.00	3.32	0
CO6476	CO6606	7.58	0 1-	2ACSR	0	0	645	155	0	0	0	0.00	3.31	0
CO6433	CO6382	7.49	1 1-	2ACSR	0	0	655	156	8	1	1	0.00	3.30	0
CO6679	CO6773	7.16	1 1-	2ACSR	0	0	701	158	9	1	1	0.00	3.22	0
CO6680	CO6679	7.22	1 1-	2ACSR	0	0	693	158	9	1	1	0.00	3.22	0
CO6472	CO6380	6.34	2 1-	2ACSR	0	0	828	164	7	0	1	0.00	2.69	0
CO6431	CO6400	5.99	1 1-	2ACSR	0	0	897	166	6	0	0	0.00	2.38	0
CO6475	CO6486	5.52	0 1-	2ACSR	0	0	979	168	0	0	0	0.00	1.92	0
OC2122367255	CO6475	5.52	0 1-	20 N FUSE	0	0	979	168	0	0	0	0.00	1.92	0
CO6471	CO6541	4.93	1 1-	2ACSR	0	0	1093	170	38	5	3	0.00	1.43	0
OC-1362802889	CO6471	4.93	0 1-	20 N FUSE	0	0	1093	170	0	0	0	0.00	1.43	0
CO6816	CO6547	4.84	4 1-	4ACSR	0	0	1107	170	13	1	1	0.00	1.38	0
OC236458931	CO6816	4.84	4 1-	20 N FUSE	0	0	1107	170	13	1	9	0.00	1.38	0
CO6817	OC236458931	4.89	4 1-	4ACSR	0	0	1091	169	13	1	1	0.00	1.38	0
CO6815	CO6817	4.92	3 1-	4ACSR	0	0	1080	169	13	1	1	0.00	1.39	0
CO6814	CO6815	4.95	3 1-	4ACSR	0	0	1071	169	13	1	1	0.00	1.39	0
CO6813	CO6814	5.01	2 1-	4ACSR	0	0	1050	168	4	0	0	0.00	1.39	0
CO6404	CO6538	4.47	17 1-	4ACSR	0	0	1177	170	87	11	8	0.03	1.14	4
CO6842	CO6404	4.47	11 1-	4ACSR	0	0	1174	170	50	6	5	0.00	1.14	0
OC186	CO6842	4.47	11 1-	15 H OCR	0	0	1174	170	50	6	45	0.00	1.14	0
CO6843	OC186	4.49	11 1-	4ACSR	0	0	1165	170	50	6	5	0.01	1.15	0
CO6515	CO6843	4.55	10 1-	4ACSR	0	0	1142	169	43	5	4	0.01	1.16	0
CO6811	CO6515	4.58	10 1-	4ACSR	0	0	1131	169	43	5	4	0.01	1.17	0
CO6812	CO6811	4.67	10 1-	4ACSR	0	0	1095	168	43	5	4	0.02	1.20	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6514	CO6812	5.01	10 1-	4ACSR	0	0	977	165	43	5	4	0.09	1.28	6
CO6818	CO6514	5.10	7 1-	4ACSR	0	0	950	164	28	3	3	0.01	1.30	0
CO6819	CO6818	5.15	6 1-	4ACSR	0	0	935	163	28	3	3	0.01	1.31	0
CO6820	CO6819	5.24	5 1-	4ACSR	0	0	909	162	28	3	3	0.01	1.32	0
CO6459	CO6820	5.34	1 1-	4ACSR	0	0	883	161	3	0	0	0.00	1.32	0
CO6458	CO6820	5.33	1 1-	4ACSR	0	0	885	162	1	0	0	0.00	1.32	0
CO6395	CO6820	5.43	2 1-	4ACSR	0	0	858	161	14	1	1	0.01	1.33	0
CO6520	CO6395	5.55	1 1-	4ACSR	0	0	827	159	8	1	1	0.01	1.34	0
CO6519	CO6520	5.56	1 1-	4ACSR	0	0	825	159	8	1	1	0.00	1.34	0
CO6461	CO6519	5.62	0 1-	4ACSR	0	0	812	159	0	0	0	0.00	1.34	0
CO6658	CO6519	5.73	1 1-	4ACSR	0	0	786	158	8	1	1	0.00	1.34	0
CO6659	CO6658	5.84	0 1-	4ACSR	0	0	763	157	0	0	0	0.00	1.34	0
CO6460	CO6395	5.62	0 1-	4ACSR	0	0	812	159	0	0	0	0.00	1.33	0
CO6653	CO6514	5.15	2 1-	4ACSR	0	0	936	163	15	1	1	0.01	1.29	0
CO6654	CO6653	5.18	1 1-	4ACSR	0	0	928	163	2	0	0	0.00	1.29	0
CO6516	CO6404	4.52	6 1-	4ACSR	0	0	1153	170	37	5	4	0.01	1.15	0
OC-130436786	CO6516	4.52	6 1-	20 N FUSE	0	0	1153	170	37	5	25	0.00	1.15	0
CO6518	OC-130436786	4.55	6 1-	4ACSR	0	0	1143	169	37	5	4	0.01	1.16	0
CO6517	CO6518	4.57	4 1-	4ACSR	0	0	1135	169	35	4	3	0.00	1.16	0
CO6809	CO6517	4.63	3 1-	4ACSR	0	0	1110	169	31	4	3	0.01	1.17	0
CO6810	CO6809	4.75	2 1-	4ACSR	0	0	1068	167	15	1	1	0.01	1.18	0
CO6657	CO6810	4.80	2 1-	4ACSR	0	0	1047	167	15	1	1	0.00	1.19	0
CO6655	CO6657	4.85	2 1-	4ACSR	0	0	1031	166	15	1	1	0.00	1.19	0
CO6656	CO6655	4.89	1 1-	4ACSR	0	0	1018	166	14	1	1	0.00	1.19	0
CO6457	CO6517	4.61	1 1-	4ACSR	0	0	1120	169	4	0	0	0.00	1.16	0
CO6402	CO6401	3.96	13 1-	2ACSR	0	0	1304	172	60	8	5	0.00	0.77	0
OC-769278967	CO6402	3.96	13 1-	20 N FUSE	0	0	1304	172	60	8	41	0.00	0.77	0
CO5910	OC-769278967	4.05	13 1-	2ACSR	0	0	1268	171	60	8	5	0.02	0.79	0
CO6056	CO5910	4.12	3 1-	4ACSR	0	0	1232	170	5	0	0	0.00	0.79	0
CO6057	CO6056	4.20	2 1-	4ACSR	0	0	1199	170	3	0	0	0.00	0.79	0
CO6058	CO6057	4.27	0 1-	4ACSR	0	0	1166	169	0	0	0	0.00	0.79	0
CO5905	CO5910	4.12	10 1-	4ACSR	0	0	1233	170	56	7	5	0.02	0.81	0
CO5942	CO5905	4.18	1 1-	4ACSR	0	0	1207	170	0	0	0	0.00	0.81	0
CO5936	CO5905	4.16	1 1-	4ACSR	0	0	1213	170	1	0	0	0.00	0.81	0
CO5904	CO5905	4.19	5 1-	4ACSR	0	0	1203	170	43	5	4	0.02	0.83	0
CO5903	CO5904	4.26	5 1-	4ACSR	0	0	1170	169	43	5	4	0.02	0.85	0
CO5906	CO5903	4.47	5 1-	4ACSR	0	0	1085	167	43	5	4	0.05	0.90	4
CO6061	CO5906	4.54	3 1-	4ACSR	0	0	1060	166	22	3	2	0.01	0.91	0
CO6062	CO6061	4.71	3 1-	4ACSR	0	0	1000	164	22	3	2	0.02	0.93	0
CO6105	CO6062	4.71	0 1-	4ACSR	0	0	998	164	0	0	0	0.00	0.93	0
SW179-B	CO6105	4.71	0 1-	Closed	0	0	998	164	0	0	0	0.00	0.93	0
SW179-A	SW179-B	4.71	0 1-	Closed	0	0	998	164	0	0	0	0.00	0.93	0
CO6106	SW179-A	4.82	0 1-	4ACSR	0	0	963	163	0	0	0	0.00	0.93	0
CO6063	CO6106	5.12	0 1-	4ACSR	0	0	874	160	0	0	0	0.00	0.93	0
CO8336	CO6063	5.29	0 1-	4ACSR	0	0	830	159	0	0	0	0.00	0.93	0
CO6831	CO8336	5.31	0 1-	4ACSR	0	0	825	158	0	0	0	0.00	0.93	0
CO5938	CO6062	4.84	1 1-	4ACSR	0	0	957	163	9	1	1	0.00	0.93	0
CO5907	CO6062	4.79	1 1-	4ACSR	0	0	973	164	0	0	0	0.00	0.93	0
CO5894	CO5907	4.92	1 1-	4ACSR	0	0	933	162	0	0	0	0.00	0.93	0
CO5917	CO5894	5.01	0 1-	4ACSR	0	0	905	161	0	0	0	0.00	0.93	0
CO5916	CO5894	4.98	1 1-	4ACSR	0	0	913	162	0	0	0	0.00	0.93	0
CO5939	CO5916	5.11	1 1-	4ACSR	0	0	879	160	0	0	0	0.00	0.93	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6059	CO5906	4.61	1 1-	4ACSR	0	0	1032	165	14	1	1	0.01	0.92	0
CO6060	CO6059	4.65	1 1-	4ACSR	0	0	1019	165	14	1	1	0.00	0.92	0
CO5937	CO5906	4.57	1 1-	4ACSR	0	0	1049	166	7	1	1	0.00	0.91	0
CO5909	CO6048	3.85	7 1-	4ACSR	0	0	1320	172	57	7	5	0.02	0.67	0
OC-1804703929	CO5909	3.85	6 1-	20 N FUSE	0	0	1320	172	52	6	35	0.00	0.67	0
CO6050	OC-1804703929	3.97	4 1-	4ACSR	0	0	1264	170	36	4	3	0.02	0.69	0
CO6051	CO6050	4.14	4 1-	4ACSR	0	0	1184	169	36	4	3	0.04	0.73	0
CO5941	CO6051	4.20	2 1-	4ACSR	0	0	1157	168	22	2	2	0.00	0.73	0
CO5940	CO6051	4.24	2 1-	4ACSR	0	0	1139	168	14	1	1	0.00	0.73	0
CO6049	OC-1804703929	3.91	2 1-	4ACSR	0	0	1292	171	16	2	2	0.00	0.67	0
CO8333	CO6049	3.99	0 1-	4ACSR	0	0	1254	170	0	0	0	0.00	0.67	0
CO5935	CO6049	3.99	1 1-	4ACSR	0	0	1254	170	12	1	1	0.00	0.68	0
CO5953	CO6046	3.47	1 1-	2ACSR	0	0	1435	173	2	0	0	0.00	0.36	0
OC1646585297	CO5953	3.47	0 1-	20 N FUSE	0	0	1435	173	0	0	0	0.00	0.36	0
CO6038	CO6041	3.23	2 1-	4ACSR	0	0	1511	173	11	1	1	0.00	0.16	0
OC1447339866	CO6038	3.23	2 1-	20 N FUSE	0	0	1511	173	11	1	8	0.00	0.16	0
CO6039	OC1447339866	3.35	2 1-	4ACSR	0	0	1435	172	11	1	1	0.01	0.17	0
CO6043	CO6039	3.42	2 1-	4ACSR	0	0	1391	171	11	1	1	0.00	0.17	0
CO6044	CO6043	3.46	2 1-	4ACSR	0	0	1363	170	11	1	1	0.00	0.18	0
CO5943	CO6044	3.50	1 1-	1/0PRIURD	0	0	1352	407	8	1	1	0.00	0.18	0
CO6032	CO6031	3.04	2 1-	4ACSR	0	0	1575	173	1	0	0	0.00	2.91	0
OC-812945140	CO6032	3.04	2 1-	20 N FUSE	0	0	1575	173	1	0	1	0.00	2.91	0
CO6033	OC-812945140	3.22	2 1-	4ACSR	0	0	1450	171	1	0	0	0.00	2.91	0
CO6034	CO6033	3.32	1 1-	4ACSR	0	0	1388	170	0	0	0	0.00	2.91	0
CO6035	CO6034	3.39	1 1-	4ACSR	0	0	1345	170	0	0	0	0.00	2.91	0
CO5950	CO6031	3.02	0 1-	2ACSR	0	0	1596	174	0	0	0	0.00	2.91	0
OC-1367227704	CO5950	3.02	0 1-	20 N FUSE	0	0	1596	174	0	0	0	0.00	2.91	0
CO5951	CO6030	2.96	0 1-	2ACSR	0	0	1617	174	0	0	0	0.00	2.86	0
OC1473491658	CO5951	2.96	0 1-	20 N FUSE	0	0	1617	174	0	0	0	0.00	2.86	0
CO6018	CO5901	2.64	21 1-	4ACSR	0	0	1748	174	116	15	11	0.02	2.62	3
OC2044199005	CO6018	2.64	19 1-	20 N FUSE	0	0	1748	174	101	13	69	0.00	2.62	0
CO6019	OC2044199005	2.68	19 1-	4ACSR	0	0	1715	174	101	13	10	0.02	2.64	4
CO6023	CO6019	2.79	12 1-	4ACSR	0	0	1626	173	58	7	6	0.04	2.68	3
CO6024	CO6023	2.88	10 1-	4ACSR	0	0	1551	172	56	7	5	0.03	2.71	3
CO6027	CO6024	2.98	3 1-	4ACSR	0	0	1481	171	14	1	1	0.01	2.72	0
CO6028	CO6027	3.10	2 1-	4ACSR	0	0	1397	169	11	1	1	0.01	2.72	0
CO5924	CO6028	3.19	1 1-	4ACSR	0	0	1342	168	11	1	1	0.00	2.73	0
CO5923	CO6028	3.17	1 1-	4ACSR	0	0	1356	169	0	0	0	0.00	2.72	0
CO6025	CO6024	2.95	5 1-	4ACSR	0	0	1503	171	41	5	4	0.01	2.72	0
CO6026	CO6025	3.17	3 1-	4ACSR	0	0	1356	169	24	3	2	0.03	2.75	0
CO5926	CO6026	3.24	1 1-	4ACSR	0	0	1313	168	5	0	0	0.00	2.75	0
CO5925	CO6026	3.22	1 1-	4ACSR	0	0	1327	168	11	1	1	0.00	2.75	0
CO5927	CO6024	2.96	0 1-	4ACSR	0	0	1498	171	0	0	0	0.00	2.71	0
CO6020	CO6019	2.72	4 1-	4ACSR	0	0	1684	174	30	4	3	0.01	2.65	0
CO6021	CO6020	2.73	4 1-	4ACSR	0	0	1674	173	30	4	3	0.00	2.65	0
CO6022	CO6021	2.77	3 1-	4ACSR	0	0	1640	173	20	2	2	0.00	2.65	0
CO5944	CO6019	2.71	2 1-	4ACSR	0	0	1691	174	10	1	1	0.00	2.64	0
CO5954	CO5901	2.66	2 1-	2ACSR	0	0	1736	174	7	0	0	0.00	2.60	0
OC590949499	CO5954	2.66	0 1-	20 N FUSE	0	0	1736	174	0	0	0	0.00	2.60	0
CO5932	CO5901	2.69	1 1-	4ACSR	0	0	1711	174	9	1	1	0.00	2.60	0
OC-525888044	CO5932	2.69	0 1-	20 N FUSE	0	0	1711	174	0	0	0	0.00	2.60	0
CO5956	CO6010	2.31	1 1-	2ACSR	0	0	1910	175	0	0	0	0.00	2.27	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC2029277518	CO5956	2.31	0 1-	20 N FUSE	0	0	1910	175	0	0	0	0.00	2.27	0
CO5955	CO17311	2.18	2 1-	2ACSR	0	0	1995	175	43	5	3	0.00	2.19	0
OC1804394278	CO5955	2.18	0 1-	20 N FUSE	0	0	1995	175	0	0	0	0.00	2.19	0
CO6007	CO6006	2.14	1 3-	2ACSR	2571	2387	2014	175	78	3	2	0.00	2.15	0
CO6008	CO6007	2.19	1 3-	2ACSR	2521	2335	1968	175	78	3	2	0.00	2.16	0
CO5934	CO6005	2.07	3 1-	4ACSR	0	0	2049	175	34	4	3	0.00	2.07	0
OC441440448	CO5934	2.07	0 1-	20 N FUSE	0	0	2049	175	0	0	0	0.00	2.07	0
CO5947	CO5994	1.85	1 1-	2ACSR	0	0	2213	176	7	0	1	0.00	1.87	0
OC-1782245397	CO5947	1.85	0 1-	20 N FUSE	0	0	2213	176	0	0	0	0.00	1.87	0
CO5933	CO5902	1.58	1 1-	4ACSR	0	0	2409	176	3	0	0	0.00	1.60	0
OC-465991220	CO5933	1.58	0 1-	20 N FUSE	0	0	2409	176	0	0	0	0.00	1.60	0
CO5969	CO5968	1.32	5 1-	2ACSR	0	0	2697	177	28	3	2	0.00	1.37	0
OC1604883597	CO5969	1.32	4 1-	20 N FUSE	0	0	2697	177	18	2	12	0.00	1.37	0
CO5970	OC1604883597	1.38	4 1-	2ACSR	0	0	2586	177	18	2	1	0.00	1.37	0
CO5957	CO5965	1.18	2 1-	2ACSR	0	0	2834	177	13	1	1	0.00	1.20	0
OC1555229331	CO5957	1.18	0 1-	20 N FUSE	0	0	2834	177	0	0	0	0.00	1.20	0
CO5949	CO5601	1.10	2 1-	2ACSR	0	0	2903	177	11	1	1	0.00	1.09	0
OC-342608185	CO5949	1.10	0 1-	20 N FUSE	0	0	2903	177	0	0	0	0.00	1.09	0
CO5560	CO5602	0.96	1 1-	2ACSR	0	0	3101	177	4	0	0	0.00	0.94	0
OC-512366437	CO5560	0.96	0 1-	20 N FUSE	0	0	3101	177	0	0	0	0.00	0.94	0
CO5559	CO5600	0.87	1 1-	2ACSR	0	0	3227	178	0	0	0	0.00	0.84	0
OC-1514970600	CO5559	0.87	0 1-	20 N FUSE	0	0	3227	178	0	0	0	0.00	0.84	0
CO-1405802674	CO-1660857539	0.00	482 3-	500 MCM ACSR 30	5512	5751	5816	180	2066	92	13	0.00	0.00	0
Muses Mill	CO-1405802674	0.00	482 3-	560 200WVE	5512	5751	5816	180	2066	92	17	0.00	0.00	0
CO941727467	Muses Mill	0.00	482 3-	500 MCM ACSR 30	5510	5748	5813	180	2066	92	13	0.00	0.00	0
CO934293526	CO941727467	0.02	482 3-	336ACSR	5471	5670	5734	180	2066	92	18	0.01	0.01	22
CO987216559	CO934293526	0.03	482 3-	336ACSR	5436	5604	5666	180	2066	92	18	0.01	0.02	19
CO1821578043	CO987216559	0.04	482 3-	336ACSR	5405	5543	5604	180	2066	92	18	0.01	0.03	18
CO-1463981735	CO1821578043	0.07	482 3-	336ACSR	5322	5393	5445	180	2066	92	18	0.02	0.05	48
CO-606580065	CO-1463981735	0.14	482 3-	336ACSR	5153	5177	5133	179	2066	92	18	0.04	0.09	102
CO1772670141	CO-606580065	0.24	482 3-	336ACSR	4916	4896	4720	179	2065	92	18	0.06	0.15	154
CO5344	CO1772670141	0.27	1 1-	4ACSR	0	0	4558	179	13	1	1	0.00	0.15	0
CO183102376	CO1772670141	0.31	481 3-	336ACSR	4755	4709	4493	179	2052	92	18	0.05	0.19	111
CO5346	CO183102376	0.35	1 1-	4ACSR	0	0	4286	179	6	0	1	0.00	0.19	0
CO-142093522	CO183102376	0.33	480 3-	336ACSR	4718	4667	4443	179	2045	92	18	0.01	0.20	26
CO-423970069	CO-142093522	0.41	480 3-	336ACSR	4548	4472	4213	179	2045	92	18	0.05	0.26	127
CO5366	CO-423970069	0.52	473 3-	1/0ACSR	4281	4173	3871	178	2017	90	40	0.16	0.42	488
CO5364	CO5366	0.61	473 3-	1/0ACSR	4057	3926	3599	178	2015	90	40	0.15	0.56	439
CO5365	CO5364	0.69	471 3-	1/0ACSR	3872	3725	3383	177	1990	89	39	0.13	0.69	385
CO5368	CO5365	0.75	456 3-	1/0ACSR	3743	3586	3238	177	1946	87	38	0.09	0.79	272
CO5369	CO5368	0.80	453 3-	1/0ACSR	3650	3485	3134	177	1930	87	38	0.07	0.86	206
FD-453038052	CO5369	0.80	451 3-	_DefaultBayEqui	3650	3485	3134	177	1928	87	0	0.00	0.86	0
CO5367	FD-453038052	0.93	451 3-	1/0ACSR	3406	3227	2873	176	1928	87	38	0.20	1.06	579
OC-453038052	CO5367	0.93	450 3-	20 N FUSE	3406	3227	2873	176	1920	87	435	0.00	1.06	0
CO5311	OC-453038052	1.13	409 3-	1/0ACSR	3089	2897	2549	175	1716	77	34	0.27	1.32	691
CO5347	CO5311	1.19	2 1-	4ACSR	0	0	2438	175	11	1	1	0.00	1.33	0
CO8314	CO5311	1.23	407 3-	1/0ACSR	2949	2754	2412	175	1702	77	34	0.13	1.46	341
CO5778	CO8314	1.42	2 1-	4ACSR	0	0	2096	173	13	1	1	0.02	1.47	0
CO8319	CO5778	1.56	1 1-	4ACSR	0	0	1910	171	13	1	1	0.01	1.48	0
CO5465	CO8319	1.60	1 1-	4ACSR	0	0	1862	171	13	1	1	0.00	1.49	0
CO5724	CO8314	1.46	405 3-	1/0ACSR	2669	2488	2146	174	1687	76	33	0.30	1.76	768

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5779	CO5724	1.53	4 1-	4ACSR	0	0	2039	173	15	1	1	0.01	1.77	0
CO5780	CO5779	1.60	1 1-	4ACSR	0	0	1955	172	9	1	1	0.00	1.77	0
CO5740	CO5779	1.62	2 1-	4ACSR	0	0	1927	172	5	0	1	0.00	1.77	0
CO5723	CO5724	1.71	401 3-	1/0ACSR	2416	2255	1915	172	1669	76	33	0.32	2.08	818
CO5781	CO5723	1.74	4 1-	4ACSR	0	0	1874	172	26	3	3	0.00	2.09	0
CO5782	CO5781	1.80	3 1-	4ACSR	0	0	1809	171	18	2	2	0.01	2.09	0
CO5783	CO5782	1.82	1 1-	4ACSR	0	0	1785	171	9	1	1	0.00	2.09	0
CO5784	CO5783	1.88	1 1-	4ACSR	0	0	1725	171	9	1	1	0.00	2.10	0
CO5741	CO5782	1.89	2 1-	4ACSR	0	0	1709	170	9	1	1	0.00	2.10	0
CO5733	CO5723	1.76	397 3-	1/0ACSR	2363	2207	1868	172	1639	74	33	0.07	2.16	185
CO5751	CO5733	1.81	1 1-	4ACSR	0	0	1819	172	8	1	1	0.00	2.16	0
CO5732	CO5733	1.86	396 3-	1/0ACSR	2282	2132	1795	172	1631	74	32	0.12	2.28	300
CO5877	CO5732	1.86	4 1-	4ACSR	0	0	1788	172	8	1	1	0.00	2.28	0
OC170	CO5877	1.86	4 1-	10 N FUSE	0	0	1788	172	8	1	10	0.00	2.28	0
CO5878	OC170	1.94	4 1-	4ACSR	0	0	1711	171	8	1	1	0.00	2.28	0
CO5787	CO5878	2.08	2 1-	4ACSR	0	0	1578	169	6	0	1	0.01	2.29	0
CO5788	CO5787	2.11	1 1-	4ACSR	0	0	1554	169	6	0	1	0.00	2.29	0
CO5742	CO5878	2.10	1 1-	4ACSR	0	0	1565	169	0	0	0	0.00	2.28	0
CO1150291051	CO5742	2.13	1 1-	2ACSR	0	0	1545	169	0	0	0	0.00	2.28	0
CO1433233614	CO1150291051	2.22	1 1-	2ACSR	0	0	1485	168	0	0	0	0.00	2.28	0
CO1111028131	CO1433233614	2.29	1 1-	2ACSR	0	0	1444	168	0	0	0	0.00	2.28	0
CO754935578	CO1111028131	2.35	1 1-	2ACSR	0	0	1409	167	0	0	0	0.00	2.28	0
CO5785	CO5732	1.93	2 1-	4ACSR	0	0	1721	171	13	1	1	0.00	2.28	0
CO5786	CO5785	1.97	0 1-	4ACSR	0	0	1676	170	0	0	0	0.00	2.28	0
CO5743	CO5785	2.02	1 1-	4ACSR	0	0	1634	170	2	0	0	0.00	2.28	0
CO5729	CO5732	2.17	390 3-	1/0ACSR	2045	1914	1589	170	1609	73	32	0.40	2.67	972
CO5789	CO5729	2.23	6 1-	4ACSR	0	0	1538	170	22	3	2	0.01	2.68	0
CO5791	CO5789	2.29	3 1-	4ACSR	0	0	1493	169	14	1	1	0.00	2.69	0
CO5792	CO5791	2.32	3 1-	4ACSR	0	0	1467	169	14	1	1	0.00	2.69	0
CO5793	CO5792	2.35	2 1-	4ACSR	0	0	1443	168	5	0	0	0.00	2.69	0
CO5744	CO5792	2.40	1 1-	4ACSR	0	0	1412	168	9	1	1	0.00	2.69	0
CO5790	CO5789	2.30	3 1-	4ACSR	0	0	1486	169	9	1	1	0.00	2.68	0
CO5728	CO5729	2.24	384 3-	1/0ACSR	2000	1873	1552	170	1583	72	32	0.08	2.76	200
FD1046893362	CO5728	2.24	273 3-	_DefaultBayEqui	2000	1873	1552	170	1052	48	0	0.00	2.76	0
CO5727	FD1046893362	2.32	273 3-	1/0ACSR	1946	1823	1505	169	1052	48	21	0.07	2.83	113
OC1046893362	CO5727	2.32	265 3-	20 N FUSE	1946	1823	1505	169	1003	46	230	0.00	2.83	0
CO5726	OC1046893362	2.43	265 3-	1/0ACSR	1878	1761	1448	169	1003	46	20	0.09	2.92	138
CO5824	CO5726	2.50	262 3-	1/0ACSR	1840	1726	1416	169	987	45	20	0.05	2.97	78
CO5825	CO5824	2.54	262 3-	1/0ACSR	1819	1707	1399	168	987	45	20	0.03	3.00	45
CO5881	CO5825	2.55	12 1-	6ACWC	0	0	1395	168	79	10	8	0.00	3.00	0
OC169	CO5881	2.55	12 1-	10 N FUSE	0	0	1395	168	79	10	109	0.00	3.00	0
CO5882	OC169	2.64	12 1-	6ACWC	0	0	1333	167	79	10	8	0.04	3.04	5
CO5821	CO5882	2.73	11 1-	6ACWC	0	0	1279	166	69	9	7	0.04	3.08	4
CO5826	CO5821	2.79	1 1-	6ACWC	0	0	1249	166	6	0	1	0.00	3.08	0
CO5731	CO5821	2.78	10 1-	6ACWC	0	0	1251	166	63	8	6	0.02	3.10	0
CO5831	CO5731	2.84	8 1-	6ACWC	0	0	1221	165	55	7	5	0.02	3.12	0
CO5832	CO5831	2.96	5 1-	6ACWC	0	0	1160	164	34	4	3	0.02	3.14	0
CO5829	CO5832	3.02	3 1-	6ACWC	0	0	1133	164	27	3	3	0.01	3.15	0
CO5830	CO5829	3.14	3 1-	6ACWC	0	0	1076	162	27	3	3	0.02	3.17	0
CO-1104292447	CO5830	3.24	2 1-	2ACSR	0	0	1046	162	18	2	1	0.01	3.18	0
CO-1800279001	CO-1104292447	3.33	1 1-	2ACSR	0	0	1017	161	8	1	1	0.00	3.18	0
CO197172457	CO-1104292447	3.32	1 1-	2ACSR	0	0	1021	161	10	1	1	0.00	3.18	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO455515655	CO197172457	3.46	1 1-	2ACSR	0	0	979	160	10	1	1	0.01	3.19	0
CO-1019551428	CO455515655	3.57	1 1-	2ACSR	0	0	948	160	10	1	1	0.00	3.19	0
CO1907272602	CO-1019551428	3.69	1 1-	2ACSR	0	0	920	159	10	1	1	0.00	3.19	0
CO5827	CO5831	2.89	3 1-	6ACWC	0	0	1194	165	22	2	2	0.01	3.12	0
CO5828	CO5827	2.91	1 1-	6ACWC	0	0	1185	165	9	1	1	0.00	3.13	0
CO5750	CO5731	2.86	2 1-	6ACWC	0	0	1207	165	7	1	1	0.00	3.10	0
CO5833	CO5825	2.61	250 3-	1/0ACSR	1783	1673	1369	168	907	41	18	0.05	3.05	68
CO5834	CO5833	2.67	249 3-	1/0ACSR	1750	1642	1341	168	904	41	18	0.05	3.09	64
CO5745	CO5834	2.72	2 1-	4ACSR	0	0	1309	167	0	0	0	0.00	3.09	0
CO1143102509	CO5745	2.80	1 1-	2ACSR	0	0	1273	167	0	0	0	0.00	3.09	0
CO5725	CO5834	2.84	247 3-	1/0ACSR	1667	1566	1273	167	904	41	18	0.12	3.21	169
CO5871	CO5725	2.96	243 3-	1/0ACSR	1616	1519	1232	166	883	40	18	0.08	3.29	107
CO5872	CO5871	3.08	242 3-	1/0ACSR	1563	1470	1188	166	877	40	18	0.09	3.38	118
CO5839	CO5872	3.17	241 3-	1/0ACSR	1530	1439	1162	165	867	39	17	0.06	3.44	75
CO5840	CO5839	3.24	238 3-	1/0ACSR	1502	1413	1139	165	859	39	17	0.05	3.49	66
CO5883	CO5840	3.25	12 1-	4ACSR	0	0	1136	165	33	4	3	0.00	3.49	0
OC171	CO5883	3.25	12 1-	25 H OCR	0	0	1136	165	33	4	18	0.00	3.49	0
CO5884	OC171	3.42	12 1-	4ACSR	0	0	1063	163	33	4	3	0.03	3.52	0
CO5841	CO5884	3.47	10 1-	4ACSR	0	0	1043	163	31	4	3	0.01	3.53	0
CO5842	CO5841	3.67	7 1-	4ACSR	0	0	967	161	28	3	3	0.03	3.56	0
CO5843	CO5842	3.74	6 1-	4ACSR	0	0	945	160	20	2	2	0.01	3.57	0
CO5844	CO5843	3.83	6 1-	4ACSR	0	0	918	159	20	2	2	0.01	3.58	0
OC1962829630	CO5844	3.83	6 1-	20 N FUSE	0	0	918	159	20	2	14	0.00	3.58	0
CO5847	OC1962829630	4.17	2 1-	4ACSR	0	0	822	156	4	0	0	0.01	3.59	0
CO5848	CO5847	4.21	2 1-	4ACSR	0	0	810	156	4	0	0	0.00	3.59	0
CO5849	CO5848	4.24	1 1-	4ACSR	0	0	804	156	3	0	0	0.00	3.59	0
CO5850	CO5849	4.53	1 1-	4ACSR	0	0	740	153	3	0	0	0.00	3.59	0
CO5845	OC1962829630	3.92	4 1-	4ACSR	0	0	891	159	16	2	2	0.01	3.59	0
CO5846	CO5845	3.96	1 1-	4ACSR	0	0	877	158	11	1	1	0.00	3.59	0
CO5851	CO5840	3.30	225 3-	1/0ACSR	1478	1392	1120	165	825	38	17	0.04	3.53	51
CO5852	CO5851	3.33	222 3-	1/0ACSR	1468	1383	1112	165	805	37	16	0.02	3.54	21
CO5853	CO5852	3.38	221 3-	1/0ACSR	1451	1367	1098	164	789	36	16	0.03	3.57	36
CO5854	CO5853	3.47	217 3-	1/0ACSR	1421	1338	1074	164	763	35	15	0.05	3.63	63
CO5885	CO5854	3.47	135 1-	4ACSR	0	0	1071	164	378	52	37	0.02	3.64	10
OC172	CO5885	3.47	135 1-	50 H OCR	0	0	1071	164	378	52	105	0.00	3.64	0
CO5886	OC172	3.55	135 1-	4ACSR	0	0	1042	163	378	52	37	0.17	3.82	108
CO5858	CO5886	3.62	131 1-	4ACSR	0	0	1013	163	352	48	35	0.17	3.98	97
CO5859	CO5858	3.86	131 1-	4ACSR	0	0	934	160	351	48	35	0.51	4.50	297
CO5860	CO5859	4.09	1 1-	4ACSR	0	0	865	158	0	0	0	0.00	4.50	0
CO5861	CO5860	4.16	1 1-	4ACSR	0	0	844	157	0	0	0	0.00	4.50	0
CO8331	CO5861	4.49	0 1-	4ACSR	0	0	767	155	0	0	0	0.00	4.50	0
CO5736	CO5859	4.09	130 1-	4ACSR	0	0	866	158	350	48	35	0.50	5.00	291
CO6136	CO5736	4.16	130 1-	4ACSR	0	0	846	157	349	48	35	0.16	5.16	93
CO6342	CO6136	4.16	18 1-	4ACSR	0	0	844	157	66	9	7	0.00	5.16	0
OC181	CO6342	4.16	18 1-	25 H OCR	0	0	844	157	66	9	37	0.00	5.16	0
CO6343	OC181	4.27	18 1-	4ACSR	0	0	817	156	66	9	7	0.04	5.20	5
CO6255	CO6343	4.37	16 1-	4ACSR	0	0	793	156	63	8	6	0.04	5.24	4
CO6341	CO6255	4.38	14 1-	4ACSR	0	0	789	155	61	8	6	0.01	5.25	0
CO1120073942	CO6341	4.42	0 1-	2ACSR	0	0	782	155	0	0	0	0.00	5.25	0
CO6254	CO6341	4.55	14 1-	4ACSR	0	0	753	154	61	8	6	0.06	5.31	6
CO6256	CO6254	4.63	13 1-	4ACSR	0	0	736	153	54	7	5	0.03	5.34	2
CO6257	CO6256	4.77	12 1-	4ACSR	0	0	709	152	53	7	5	0.05	5.38	4

Substation Power Factor: 0.97
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6126	CO6257	4.84	12 1-	4ACSR	0	0	695	151	53	7	5	0.03	5.41	2
OC-324859541	CO6126	4.84	12 1-	20 N FUSE	0	0	695	151	53	7	37	0.00	5.41	0
CO6258	OC-324859541	4.98	11 1-	4ACSR	0	0	670	150	52	7	5	0.04	5.45	4
CO6259	CO6258	5.20	10 1-	4ACSR	0	0	635	148	50	7	5	0.07	5.52	6
CO6260	CO6259	5.35	9 1-	4ACSR	0	0	612	147	49	6	5	0.04	5.56	3
CO6261	CO6260	5.41	7 1-	4ACSR	0	0	604	147	31	4	3	0.01	5.57	0
CO-1227562893	CO6261	5.83	7 1-	2ACSR	0	0	561	144	31	4	2	0.06	5.63	3
CO6266	CO-1227562893	5.92	2 1-	4ACSR	0	0	550	144	7	1	1	0.00	5.63	0
CO6265	CO-1227562893	5.98	5 1-	4ACSR	0	0	544	143	24	3	2	0.01	5.64	0
CO6263	CO6265	6.04	2 1-	4ACSR	0	0	537	143	6	0	1	0.00	5.64	0
CO6264	CO6263	6.15	1 1-	4ACSR	0	0	525	142	4	0	0	0.00	5.65	0
CO6262	CO6264	6.38	0 1-	4ACSR	0	0	502	140	0	0	0	0.00	5.65	0
CO6179	CO6264	6.26	1 1-	4ACSR	0	0	513	141	4	0	0	0.00	5.65	0
CO6165	CO6265	6.04	1 1-	4ACSR	0	0	537	143	0	0	0	0.00	5.64	0
OC1873827084	CO6165	6.04	0 1-	20 N FUSE	0	0	537	143	0	0	0	0.00	5.64	0
CO-1063891138	CO6261	5.47	0 1-	2ACSR	0	0	597	146	0	0	0	0.00	5.57	0
CO6156	OC-324859541	4.91	1 1-	4ACSR	0	0	683	151	1	0	0	0.00	5.41	0
CO6157	CO6257	4.89	0 1-	4ACSR	0	0	685	151	0	0	0	0.00	5.38	0
CO6158	CO6254	4.59	1 1-	4ACSR	0	0	743	154	7	0	1	0.00	5.31	0
CO6122	CO6136	4.22	112 1-	4ACSR	0	0	830	157	282	39	28	0.11	5.27	51
CO6347	CO6122	4.38	1 1-	4ACSR	0	0	790	155	3	0	0	0.00	5.27	0
CO6125	CO6122	4.26	110 1-	4ACSR	0	0	821	157	273	38	27	0.06	5.33	27
CO6252	CO6125	4.28	108 1-	4ACSR	0	0	814	156	261	36	26	0.04	5.37	19
CO1070604722	CO6252	4.38	1 1-	2ACSR	0	0	796	156	3	0	0	0.00	5.37	0
CO-2036597502	CO1070604722	4.42	1 1-	2ACSR	0	0	789	155	3	0	0	0.00	5.37	0
CO6253	CO6252	4.29	106 1-	4ACSR	0	0	812	156	254	35	25	0.02	5.39	7
CO6250	CO6253	4.34	106 1-	4ACSR	0	0	800	156	254	35	25	0.08	5.46	32
CO6251	CO6250	4.39	106 1-	4ACSR	0	0	788	155	254	35	25	0.09	5.55	36
CO6349	CO6251	4.57	105 1-	4ACSR	0	0	749	154	254	35	25	0.28	5.83	119
CO6353	CO6349	4.62	1 1-	4ACSR	0	0	737	153	6	0	1	0.00	5.83	0
CO6114	CO6349	4.81	104 1-	4ACSR	0	0	700	152	247	34	25	0.39	6.21	159
CO6350	CO6114	4.92	1 1-	4ACSR	0	0	680	151	0	0	0	0.00	6.21	0
CO6280	CO6350	5.01	0 1-	4ACSR	0	0	665	150	0	0	0	0.00	6.21	0
CO6115	CO6114	4.92	103 1-	4ACSR	0	0	681	151	246	34	25	0.16	6.38	67
CO6248	CO6115	4.94	100 1-	4ACSR	0	0	677	151	236	33	24	0.04	6.41	14
CO6249	CO6248	4.97	100 1-	4ACSR	0	0	672	150	236	33	24	0.04	6.45	16
CO6117	CO6249	5.12	29 1-	4ACSR	0	0	647	149	97	13	10	0.09	6.55	15
CO6323	CO6117	5.18	27 1-	4ACSR	0	0	638	149	81	11	8	0.03	6.57	4
CO6334	CO6323	5.18	26 1-	4ACSR	0	0	637	149	79	11	8	0.00	6.58	0
OC183	CO6334	5.18	26 1-	25 H OCR	0	0	637	149	79	11	45	0.00	6.58	0
CO6335	OC183	5.37	26 1-	4ACSR	0	0	610	147	79	11	8	0.09	6.67	12
CO6246	CO6335	5.59	26 1-	4ACSR	0	0	579	145	79	11	8	0.11	6.78	15
CO6128	CO6246	5.82	26 1-	4ACSR	0	0	551	143	79	11	8	0.11	6.90	15
CO6130	CO6128	5.91	23 1-	4ACSR	0	0	541	143	58	8	6	0.03	6.93	3
CO6129	CO6130	6.00	23 1-	4ACSR	0	0	530	142	58	8	6	0.04	6.97	4
CO6133	CO6129	6.10	23 1-	4ACSR	0	0	520	141	58	8	6	0.03	7.00	3
CO6132	CO6133	6.24	22 1-	4ACSR	0	0	505	140	51	7	5	0.04	7.05	4
CO6131	CO6132	6.32	20 1-	4ACSR	0	0	498	140	44	6	4	0.02	7.07	0
CO6134	CO6131	6.51	19 1-	4ACSR	0	0	480	138	44	6	4	0.05	7.12	4
CO6244	CO6134	6.58	15 1-	4ACSR	0	0	474	138	36	5	4	0.02	7.13	0
CO6245	CO6244	6.66	14 1-	4ACSR	0	0	467	137	32	4	3	0.01	7.15	0
CO6135	CO6245	6.70	6 1-	4ACSR	0	0	463	137	8	1	1	0.00	7.15	0

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8344	CO6135	6.76	3 1-	4ACSR	0	0	458	137	2	0	0	0.00	7.15	0
CO8343	CO6135	6.76	3 1-	4ACSR	0	0	458	136	6	0	1	0.00	7.15	0
CO7412	CO8343	6.79	3 1-	4ACSR	0	0	456	136	6	0	1	0.00	7.15	0
CO7360	CO7412	7.19	3 1-	4ACSR	0	0	425	134	6	0	1	0.02	7.17	0
CO7413	CO7360	7.21	3 1-	4ACSR	0	0	424	133	6	0	1	0.00	7.17	0
CO7414	CO7413	7.28	2 1-	4ACSR	0	0	419	133	5	0	0	0.00	7.17	0
CO7361	CO7414	7.36	1 1-	4ACSR	0	0	414	132	1	0	0	0.00	7.17	0
CO7359	CO7412	6.90	0 1-	4ACSR	0	0	447	136	0	0	0	0.00	7.15	0
CO7355	CO7359	7.06	0 1-	4ACSR	0	0	435	134	0	0	0	0.00	7.15	0
CO7358	CO7355	7.29	0 1-	4ACSR	0	0	418	133	0	0	0	0.00	7.15	0
CO7356	CO7358	7.42	0 1-	4ACSR	0	0	409	132	0	0	0	0.00	7.15	0
CO7357	CO7356	7.61	0 1-	4ACSR	0	0	397	131	0	0	0	0.00	7.15	0
CO6242	CO6245	6.69	5 1-	4ACSR	0	0	465	137	16	2	2	0.00	7.15	0
CO6243	CO6242	6.75	4 1-	4ACSR	0	0	459	137	15	2	2	0.00	7.15	0
CO6168	CO6134	6.57	1 1-	4ACSR	0	0	475	138	2	0	0	0.00	7.12	0
CO6169	CO6131	6.36	1 1-	4ACSR	0	0	494	139	0	0	0	0.00	7.07	0
CO6170	CO6132	6.36	1 1-	4ACSR	0	0	494	139	0	0	0	0.00	7.05	0
CO6171	CO6133	6.23	1 1-	4ACSR	0	0	507	140	7	1	1	0.00	7.01	0
CO6172	CO6129	6.11	0 1-	4ACSR	0	0	519	141	0	0	0	0.00	6.97	0
CO6175	CO6172	6.17	0 1-	2ACSR	0	0	514	141	0	0	0	0.00	6.97	0
CO6267	CO6130	6.04	0 1-	4ACSR	0	0	526	142	0	0	0	0.00	6.93	0
CO6167	CO6128	5.95	3 1-	4ACSR	0	0	536	142	21	3	2	0.01	6.91	0
CO6164	CO6246	5.65	0 1-	4ACSR	0	0	571	145	0	0	0	0.00	6.78	0
CO6166	CO6323	5.21	1 1-	4ACSR	0	0	632	148	2	0	0	0.00	6.57	0
CO6177	CO6117	5.20	2 1-	2ACSR	0	0	637	149	16	2	1	0.00	6.55	0
CO6116	CO6249	5.00	70 1-	4ACSR	0	0	666	150	138	19	14	0.03	6.49	8
CO6295	CO6116	5.10	0 1-	4ACSR	0	0	650	149	0	0	0	0.00	6.49	0
CO6296	CO6295	5.31	0 1-	4ACSR	0	0	618	148	0	0	0	0.00	6.49	0
CO6278	CO6116	5.21	70 1-	4ACSR	0	0	632	148	138	19	14	0.18	6.66	41
CO6279	CO6278	5.26	68 1-	4ACSR	0	0	625	148	131	18	13	0.04	6.70	8
CO6297	CO6279	5.39	1 1-	4ACSR	0	0	607	147	2	0	0	0.00	6.70	0
CO6298	CO6297	5.49	1 1-	4ACSR	0	0	592	146	2	0	0	0.00	6.70	0
CO6272	CO6279	5.45	67 1-	4ACSR	0	0	598	146	129	18	13	0.15	6.85	32
CO6307	CO6272	5.52	66 1-	4ACSR	0	0	589	146	123	17	12	0.05	6.91	11
CO6308	CO6307	5.61	66 1-	4ACSR	0	0	577	145	123	17	12	0.07	6.98	15
CO6309	CO6308	5.69	66 1-	4ACSR	0	0	567	144	123	17	12	0.06	7.04	12
CO6310	CO6309	5.81	66 1-	4ACSR	0	0	553	144	123	17	12	0.09	7.13	19
CO6336	CO6310	5.81	65 1-	4ACSR	0	0	552	144	113	16	11	0.00	7.14	0
OC185	CO6336	5.81	65 1-	15 H OCR	0	0	552	144	113	16	107	0.00	7.14	0
CO6337	OC185	5.86	65 1-	4ACSR	0	0	546	143	113	16	11	0.04	7.18	7
CO6306	CO6337	5.96	65 1-	4ACSR	0	0	535	142	113	16	11	0.07	7.24	13
CO6273	CO6306	6.05	63 1-	4ACSR	0	0	525	142	108	15	11	0.06	7.31	12
CO6317	CO6273	6.09	4 1-	4ACSR	0	0	521	141	6	0	1	0.00	7.31	0
CO6318	CO6317	6.14	3 1-	4ACSR	0	0	515	141	4	0	0	0.00	7.31	0
CO6142	CO6317	6.14	1 1-	4ACSR	0	0	515	141	2	0	0	0.00	7.31	0
CO6286	CO6273	6.12	59 1-	4ACSR	0	0	517	141	102	14	10	0.05	7.36	9
CO6287	CO6286	6.20	58 1-	4ACSR	0	0	509	141	102	14	10	0.05	7.40	9
CO6288	CO6287	6.28	57 1-	4ACSR	0	0	501	140	99	14	10	0.05	7.46	9
CO6289	CO6288	6.38	57 1-	4ACSR	0	0	492	139	98	14	10	0.06	7.52	11
CO6118	CO6289	6.44	56 1-	4ACSR	0	0	486	139	98	14	10	0.04	7.56	6
CO6119	CO6118	6.73	9 1-	4ACSR	0	0	461	137	59	8	6	0.11	7.67	11
OC241878813	CO6119	6.73	9 1-	20 N FUSE	0	0	461	137	59	8	42	0.00	7.67	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8337	OC241878813	7.03	7 1-	4ACSR	0	0	437	135	35	4	4	0.07	7.73	4
CO7330	CO8337	7.22	7 1-	4ACSR	0	0	423	133	35	4	4	0.04	7.78	3
CO7407	CO7330	7.28	7 1-	4ACSR	0	0	420	133	35	4	4	0.01	7.79	0
CO7408	CO7407	7.48	6 1-	4ACSR	0	0	406	132	31	4	3	0.04	7.83	0
CO7406	CO7408	7.53	5 1-	4ACSR	0	0	403	131	27	3	3	0.01	7.83	0
CO7374	CO7406	7.60	2 1-	4ACSR	0	0	398	131	17	2	2	0.01	7.84	0
CO7375	CO7374	7.67	1 1-	4ACSR	0	0	394	130	6	0	1	0.00	7.84	0
CO7338	CO7406	7.89	1 1-	4ACSR	0	0	381	129	0	0	0	0.00	7.83	0
CO7337	CO7338	8.11	1 1-	4ACSR	0	0	369	128	0	0	0	0.00	7.83	0
CO373160697	OC241878813	6.80	1 1-	4ACSR	0	0	455	136	10	1	1	0.00	7.67	0
CO6144	OC241878813	6.76	1 1-	4ACSR	0	0	458	136	14	1	1	0.00	7.67	0
CO6304	CO6118	6.54	47 1-	4ACSR	0	0	477	138	39	5	4	0.02	7.58	0
CO6305	CO6304	6.76	47 1-	4ACSR	0	0	458	137	39	5	4	0.06	7.64	4
CO6303	CO6305	6.79	46 1-	4ACSR	0	0	456	136	39	5	4	0.01	7.65	0
CO8339	CO6303	7.19	46 1-	4ACSR	0	0	426	134	39	5	4	0.10	7.75	7
CO7409	CO8339	7.53	46 1-	4ACSR	0	0	402	131	39	5	4	0.09	7.83	6
CO7335	CO7409	7.60	45 1-	4ACSR	0	0	398	131	39	5	4	0.02	7.85	0
CO7336	CO7335	7.79	45 1-	4ACSR	0	0	387	130	39	5	4	0.05	7.90	3
CO7310	CO7336	7.91	44 1-	4ACSR	0	0	380	129	29	4	3	0.02	7.92	0
CO7334	CO7310	8.07	10 1-	4ACSR	0	0	371	128	12	1	1	0.01	7.93	0
CO7387	CO7334	8.11	10 1-	4ACSR	0	0	369	128	12	1	1	0.00	7.93	0
CO7388	CO7387	8.23	9 1-	4ACSR	0	0	362	127	5	0	1	0.00	7.94	0
OC-767508569	CO7388	8.23	9 1-	20 N FUSE	0	0	362	127	5	0	4	0.00	7.94	0
CO7385	OC-767508569	8.25	9 1-	4ACSR	0	0	361	127	5	0	1	0.00	7.94	0
CO7386	CO7385	8.29	5 1-	4ACSR	0	0	359	126	5	0	1	0.00	7.94	0
CO7384	CO7386	8.32	4 1-	4ACSR	0	0	358	126	5	0	1	0.00	7.94	0
CO7383	CO7384	8.38	2 1-	4ACSR	0	0	355	126	0	0	0	0.00	7.94	0
CO7333	CO7310	8.04	34 1-	4ACSR	0	0	373	128	17	2	2	0.01	7.93	0
OC42883965	CO7333	8.04	32 1-	20 N FUSE	0	0	373	128	17	2	12	0.00	7.93	0
CO7399	OC42883965	8.06	32 1-	4ACSR	0	0	371	128	17	2	2	0.00	7.94	0
CO7400	CO7399	8.10	29 1-	4ACSR	0	0	369	128	17	2	2	0.00	7.94	0
CO7401	CO7400	8.15	25 1-	4ACSR	0	0	367	127	13	1	1	0.00	7.94	0
CO7402	CO7401	8.17	22 1-	4ACSR	0	0	365	127	12	1	1	0.00	7.95	0
CO7403	CO7402	8.19	18 1-	4ACSR	0	0	364	127	7	1	1	0.00	7.95	0
CO7392	CO7403	8.21	18 1-	4ACSR	0	0	363	127	7	1	1	0.00	7.95	0
CO7393	CO7392	8.25	16 1-	4ACSR	0	0	361	127	7	1	1	0.00	7.95	0
CO7391	CO7393	8.28	11 1-	4ACSR	0	0	360	127	7	0	1	0.00	7.95	0
CO7389	CO7391	8.32	7 1-	4ACSR	0	0	358	126	2	0	0	0.00	7.95	0
CO7390	CO7389	8.40	5 1-	4ACSR	0	0	354	126	2	0	0	0.00	7.95	0
CO7316	CO7391	8.32	4 1-	4ACSR	0	0	358	126	5	0	0	0.00	7.95	0
CO7332	CO7336	8.09	1 1-	4ACSR	0	0	370	128	10	1	1	0.02	7.92	0
OC1772870026	CO7332	8.09	1 1-	20 N FUSE	0	0	370	128	10	1	7	0.00	7.92	0
CO7331	OC1772870026	8.53	1 1-	4ACSR	0	0	348	125	10	1	1	0.03	7.95	0
CO7424	CO7331	8.63	1 1-	4ACSR	0	0	343	124	10	1	1	0.01	7.95	0
CO7425	CO7424	8.83	1 1-	4ACSR	0	0	334	123	10	1	1	0.01	7.96	0
CO7315	CO7409	7.75	0 1-	4ACSR	0	0	389	130	0	0	0	0.00	7.83	0
CO6321	CO6289	6.44	1 1-	4ACSR	0	0	486	139	0	0	0	0.00	7.52	0
CO6322	CO6321	6.47	1 1-	4ACSR	0	0	484	139	0	0	0	0.00	7.52	0
CO6320	CO6322	6.52	1 1-	4ACSR	0	0	479	138	0	0	0	0.00	7.52	0
CO6319	CO6320	6.59	1 1-	4ACSR	0	0	473	138	0	0	0	0.00	7.52	0
CO6141	CO6287	6.27	1 1-	4ACSR	0	0	502	140	3	0	0	0.00	7.41	0
CO-247326889	CO6286	6.20	1 1-	2ACSR	0	0	512	141	0	0	0	0.00	7.36	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6143	CO6310	5.85	1 1-	4ACSR	0	0	548	143	10	1	1	0.00	7.14	0
CO6293	CO6249	5.18	1 1-	4ACSR	0	0	638	149	0	0	0	0.00	6.45	0
CO6294	CO6293	5.21	1 1-	4ACSR	0	0	632	148	0	0	0	0.00	6.45	0
CO6247	CO6115	5.01	3 1-	4ACSR	0	0	665	150	10	1	1	0.00	6.38	0
CO6351	CO6247	5.11	0 1-	4ACSR	0	0	649	149	0	0	0	0.00	6.38	0
CO6153	CO6252	4.38	0 1-	4ACSR	0	0	790	155	0	0	0	0.00	5.37	0
CO6154	CO6125	4.31	1 1-	4ACSR	0	0	807	156	0	0	0	0.00	5.33	0
CO6155	CO6122	4.38	1 1-	4ACSR	0	0	792	155	7	0	1	0.00	5.27	0
CO5855	CO5886	3.60	4 1-	4ACSR	0	0	1022	163	26	3	3	0.01	3.82	0
CO5856	CO5855	3.62	3 1-	4ACSR	0	0	1015	163	20	2	2	0.00	3.83	0
CO5857	CO5856	3.65	1 1-	4ACSR	0	0	1003	162	4	0	0	0.00	3.83	0
CO5756	CO5856	3.67	1 1-	4ACSR	0	0	998	162	8	1	1	0.00	3.83	0
CO5734	CO5854	3.53	80 1-	2ACSR	0	0	1053	164	382	52	29	0.10	3.73	61
CO5862	CO5734	3.59	4 1-	4ACSR	0	0	1031	163	30	4	3	0.01	3.74	0
CO5863	CO5862	3.63	1 1-	4ACSR	0	0	1016	163	10	1	1	0.00	3.74	0
CO5738	CO5734	3.61	72 1-	2ACSR	0	0	1028	163	338	46	26	0.12	3.85	62
CO5887	CO5738	3.62	69 1-	2ACSR	0	0	1026	163	319	44	25	0.01	3.85	5
OC173	CO5887	3.62	69 1-	50 H OCR	0	0	1026	163	319	44	88	0.00	3.85	0
CO5888	OC173	3.73	69 1-	2ACSR	0	0	994	162	319	44	25	0.15	4.01	76
CO5866	CO5888	3.77	67 1-	2ACSR	0	0	982	162	305	42	24	0.05	4.06	26
CO5867	CO5866	3.89	2 1-	2ACSR	0	0	951	161	8	1	1	0.00	4.06	0
CO5868	CO5867	3.91	2 1-	2ACSR	0	0	946	161	8	1	1	0.00	4.07	0
CO5869	CO5868	4.08	1 1-	2ACSR	0	0	904	160	2	0	0	0.00	4.07	0
CO5870	CO5869	4.23	1 1-	2ACSR	0	0	870	159	2	0	0	0.00	4.07	0
CO5737	CO5866	3.88	64 1-	2ACSR	0	0	954	161	292	40	23	0.13	4.19	60
CO8329	CO5737	4.12	0 1-	4ACSR	0	0	879	159	0	0	0	0.00	4.19	0
CO5735	CO5737	4.01	63 1-	2ACSR	0	0	921	160	289	40	22	0.17	4.36	76
CO8328	CO5735	4.43	61 1-	2ACSR	0	0	828	158	286	39	22	0.52	4.88	238
CO6202	CO8328	4.50	5 1-	4ACSR	0	0	812	157	24	3	2	0.01	4.89	0
OC1751266404	CO6202	4.50	5 1-	20 N FUSE	0	0	812	157	24	3	17	0.00	4.89	0
CO6203	OC1751266404	4.55	5 1-	4ACSR	0	0	799	157	24	3	2	0.01	4.90	0
CO6204	CO6203	4.59	4 1-	4ACSR	0	0	790	156	23	3	2	0.01	4.90	0
CO6205	CO6204	4.67	4 1-	4ACSR	0	0	773	156	23	3	2	0.01	4.91	0
CO6206	CO6205	4.68	4 1-	4ACSR	0	0	769	155	23	3	2	0.00	4.92	0
CO6207	CO6206	4.69	3 1-	4ACSR	0	0	767	155	17	2	2	0.00	4.92	0
CO6208	CO6207	4.75	3 1-	4ACSR	0	0	754	155	17	2	2	0.01	4.92	0
CO6211	CO6208	4.86	3 1-	4ACSR	0	0	733	154	17	2	2	0.01	4.94	0
CO6212	CO6211	4.99	2 1-	4ACSR	0	0	707	153	17	2	2	0.01	4.95	0
CO6209	CO6212	5.14	2 1-	4ACSR	0	0	680	151	17	2	2	0.01	4.96	0
CO6210	CO6209	5.29	1 1-	4ACSR	0	0	655	150	10	1	1	0.00	4.97	0
CO6180	CO6211	4.92	1 1-	2ACSR	0	0	723	154	0	0	0	0.00	4.94	0
CO6150	CO6203	4.61	1 1-	2ACSR	0	0	788	156	2	0	0	0.00	4.90	0
CO6200	CO8328	4.53	56 1-	2ACSR	0	0	809	157	261	36	20	0.11	4.99	46
CO1966468575	CO6200	4.57	0 1-	2ACSR	0	0	801	157	0	0	0	0.00	4.99	0
CO6201	CO6200	4.75	54 1-	2ACSR	0	0	770	156	254	35	20	0.23	5.23	94
CO6199	CO6201	4.79	53 1-	2ACSR	0	0	762	155	251	35	20	0.05	5.28	21
CO6198	CO6199	4.89	52 1-	2ACSR	0	0	747	155	251	35	20	0.10	5.38	40
CO6121	CO6198	5.03	50 1-	2ACSR	0	0	724	154	235	33	18	0.15	5.52	55
CO6124	CO6121	5.12	49 1-	2ACSR	0	0	711	153	227	31	18	0.09	5.61	32
CO6123	CO6124	5.21	49 1-	2ACSR	0	0	697	153	227	31	18	0.09	5.71	34
CO6330	CO6123	5.22	13 1-	4ACSR	0	0	696	153	78	10	8	0.00	5.71	0
OC180	CO6330	5.22	13 1-	25 H OCR	0	0	696	153	78	10	44	0.00	5.71	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6331	OC180	5.41	13 1-	4ACSR	0	0	663	151	78	10	8	0.09	5.80	12
CO6189	CO6331	5.58	12 1-	4ACSR	0	0	636	150	75	10	8	0.08	5.88	10
CO6188	CO6189	5.74	12 1-	4ACSR	0	0	612	148	75	10	8	0.07	5.96	9
CO6187	CO6188	5.90	11 1-	4ACSR	0	0	591	147	64	9	6	0.06	6.02	7
CO6186	CO6187	6.01	11 1-	4ACSR	0	0	576	146	64	9	6	0.05	6.07	5
CO6185	CO6186	6.35	11 1-	4ACSR	0	0	536	143	64	9	6	0.14	6.20	15
CO6184	CO6185	6.41	10 1-	4ACSR	0	0	530	143	63	8	6	0.02	6.22	2
CO6183	CO6184	6.49	10 1-	4ACSR	0	0	522	142	63	8	6	0.03	6.26	3
CO6182	CO6183	6.62	10 1-	4ACSR	0	0	508	141	63	8	6	0.05	6.31	6
CO6181	CO6182	6.84	10 1-	4ACSR	0	0	487	140	63	8	6	0.08	6.39	8
CO8341	CO6181	7.03	7 1-	4ACSR	0	0	471	138	40	5	4	0.05	6.44	3
CO7353	CO8341	7.10	7 1-	4ACSR	0	0	464	138	40	5	4	0.02	6.46	0
OC373730390	CO7353	7.10	6 1-	20 N FUSE	0	0	464	138	35	4	25	0.00	6.46	0
CO7352	OC373730390	7.31	1 1-	2ACSR	0	0	451	137	2	0	0	0.00	6.46	0
CO8340	CO7352	7.64	1 1-	2ACSR	0	0	432	135	2	0	0	0.00	6.46	0
CO6160	CO8340	7.69	1 1-	2ACSR	0	0	429	135	2	0	0	0.00	6.46	0
CO6159	CO8340	7.70	0 1-	2ACSR	0	0	429	135	0	0	0	0.00	6.46	0
CO7351	OC373730390	7.14	5 1-	2ACSR	0	0	462	138	33	4	3	0.01	6.46	0
CO7422	CO7351	7.20	5 1-	2ACSR	0	0	458	137	33	4	3	0.01	6.47	0
CO7423	CO7422	7.23	4 1-	2ACSR	0	0	456	137	18	2	1	0.00	6.47	0
CO7416	CO7423	7.24	4 1-	2ACSR	0	0	456	137	18	2	1	0.00	6.47	0
CO7417	CO7416	7.41	3 1-	2ACSR	0	0	445	136	18	2	1	0.01	6.48	0
CO7418	CO7417	7.48	2 1-	2ACSR	0	0	441	136	18	2	1	0.00	6.49	0
CO7419	CO7418	7.63	1 1-	2ACSR	0	0	432	135	9	1	1	0.00	6.49	0
CO6173	CO6181	6.99	1 1-	4ACSR	0	0	474	139	14	1	1	0.01	6.40	0
CO6161	CO6183	6.53	0 1-	2ACSR	0	0	519	142	0	0	0	0.00	6.26	0
CO6196	CO6123	5.34	36 1-	2ACSR	0	0	680	152	149	21	12	0.08	5.79	20
CO6197	CO6196	5.41	35 1-	2ACSR	0	0	671	152	149	20	12	0.04	5.83	10
CO6174	CO6197	5.46	1 1-	4ACSR	0	0	663	151	3	0	0	0.00	5.83	0
CO6137	CO6197	5.61	33 1-	2ACSR	0	0	645	151	146	20	11	0.13	5.96	31
CO6127	CO6137	5.69	33 1-	2ACSR	0	0	635	150	146	20	11	0.05	6.01	12
CO8300	CO6127	5.92	32 1-	2ACSR	0	0	609	149	137	19	11	0.14	6.15	30
OC2005028707	CO8300	5.92	32 1-	25 H OCR	0	0	609	149	137	19	77	0.00	6.15	0
CO4702	OC2005028707	5.95	25 1-	2ACSR	0	0	607	149	91	12	7	0.01	6.16	0
CO4703	CO4702	6.12	25 1-	2ACSR	0	0	589	148	91	12	7	0.07	6.23	10
CO4704	CO4703	6.22	24 1-	2ACSR	0	0	578	147	89	12	7	0.04	6.27	6
CO4705	CO4704	6.27	23 1-	2ACSR	0	0	573	147	88	12	7	0.02	6.29	2
CO4711	CO4705	6.32	16 1-	2ACSR	0	0	569	146	50	7	4	0.01	6.29	0
CO4712	CO4711	6.39	15 1-	2ACSR	0	0	562	146	48	6	4	0.01	6.31	0
CO4713	CO4712	6.47	14 1-	2ACSR	0	0	555	146	40	5	3	0.01	6.32	0
CO4714	CO4713	6.82	13 1-	2ACSR	0	0	525	144	40	5	3	0.06	6.39	4
CO4687	CO4714	6.98	0 1-	4ACSR	0	0	509	142	0	0	0	0.00	6.39	0
CO4683	CO4714	6.96	13 1-	2ACSR	0	0	513	143	40	5	3	0.02	6.41	0
CO4724	CO4683	7.09	10 1-	2ACSR	0	0	504	142	36	5	3	0.02	6.43	0
CO4725	CO4724	7.12	9 1-	2ACSR	0	0	502	142	28	3	2	0.00	6.43	0
CO4723	CO4725	7.25	8 1-	2ACSR	0	0	492	141	22	3	2	0.01	6.44	0
CO4726	CO4723	7.31	5 1-	2ACSR	0	0	488	141	16	2	1	0.00	6.45	0
CO1978942424	CO4726	7.36	4 1-	2ACSR	0	0	485	141	10	1	1	0.00	6.45	0
CO1767507963	CO1978942424	7.53	1 1-	2ACSR	0	0	473	140	1	0	0	0.00	6.45	0
CO1087812468	CO1978942424	7.42	3 1-	2ACSR	0	0	480	140	9	1	1	0.00	6.45	0
CO4728	CO1087812468	7.50	3 1-	2ACSR	0	0	475	140	9	1	1	0.00	6.45	0
CO4729	CO4728	7.56	3 1-	2ACSR	0	0	471	140	9	1	1	0.00	6.46	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4730	CO4729	7.62	2 1-	2ACSR	0	0	467	139	4	0	0	0.00	6.46	0
CO4731	CO4730	7.77	2 1-	2ACSR	0	0	457	139	4	0	0	0.00	6.46	0
CO4732	CO4731	7.83	1 1-	2ACSR	0	0	454	138	4	0	0	0.00	6.46	0
CO4686	CO4729	7.63	1 1-	2ACSR	0	0	466	139	5	0	0	0.00	6.46	0
CO252420913	CO1978942424	7.42	0 1-	2ACSR	0	0	480	141	0	0	0	0.00	6.45	0
CO4685	CO4723	7.44	1 1-	2ACSR	0	0	479	140	0	0	0	0.00	6.44	0
CO4720	CO4683	7.15	1 1-	2ACSR	0	0	499	142	1	0	0	0.00	6.41	0
CO4721	CO4720	7.20	1 1-	2ACSR	0	0	495	142	1	0	0	0.00	6.41	0
CO4722	CO4721	7.26	1 1-	2ACSR	0	0	491	141	1	0	0	0.00	6.41	0
CO4718	CO4683	7.02	1 1-	2ACSR	0	0	509	143	3	0	0	0.00	6.41	0
CO4719	CO4718	7.04	1 1-	2ACSR	0	0	507	143	3	0	0	0.00	6.41	0
CO4717	CO4719	7.06	1 1-	2ACSR	0	0	506	142	3	0	0	0.00	6.41	0
CO4716	CO4717	7.14	1 1-	2ACSR	0	0	500	142	3	0	0	0.00	6.41	0
CO4715	CO4716	7.18	1 1-	2ACSR	0	0	497	142	3	0	0	0.00	6.41	0
CO4684	CO4683	7.01	1 1-	2ACSR	0	0	510	143	0	0	0	0.00	6.41	0
CO4689	CO4712	6.40	1 1-	2ACSR	0	0	561	146	8	1	1	0.00	6.31	0
CO4706	CO4705	6.39	5 1-	2ACSR	0	0	562	146	17	2	1	0.01	6.29	0
CO4709	CO4706	6.41	2 1-	2ACSR	0	0	560	146	8	1	1	0.00	6.29	0
CO4710	CO4709	6.44	2 1-	2ACSR	0	0	557	146	8	1	1	0.00	6.29	0
CO4688	CO4710	6.49	1 1-	2ACSR	0	0	553	146	1	0	0	0.00	6.29	0
CO4707	CO4706	6.43	2 1-	2ACSR	0	0	558	146	7	0	1	0.00	6.29	0
CO4708	CO4707	6.49	0 1-	2ACSR	0	0	553	146	0	0	0	0.00	6.29	0
CO4699	OC2005028707	5.96	3 1-	2ACSR	0	0	605	149	5	0	0	0.00	6.15	0
CO4700	CO4699	6.05	3 1-	2ACSR	0	0	595	148	5	0	0	0.00	6.15	0
CO4701	CO4700	6.16	1 1-	2ACSR	0	0	585	147	2	0	0	0.00	6.15	0
CO4693	OC2005028707	5.96	4 1-	2ACSR	0	0	605	148	41	5	3	0.01	6.15	0
CO4695	CO4693	5.98	3 1-	2ACSR	0	0	603	148	12	1	1	0.00	6.16	0
CO4696	CO4695	6.03	3 1-	2ACSR	0	0	598	148	12	1	1	0.00	6.16	0
CO4694	CO4696	6.10	1 1-	2ACSR	0	0	590	148	8	1	1	0.00	6.16	0
CO4697	CO4694	6.14	0 1-	2ACSR	0	0	586	147	0	0	0	0.00	6.16	0
CO4698	CO4697	6.19	0 1-	2ACSR	0	0	581	147	0	0	0	0.00	6.16	0
CO6162	CO6127	5.74	1 1-	2ACSR	0	0	630	150	9	1	1	0.00	6.01	0
CO6192	CO6137	5.64	0 1-	2ACSR	0	0	641	150	0	0	0	0.00	5.96	0
CO6193	CO6192	5.68	0 1-	2ACSR	0	0	637	150	0	0	0	0.00	5.96	0
CO6190	CO6193	5.76	0 1-	2ACSR	0	0	628	150	0	0	0	0.00	5.96	0
CO6191	CO6190	5.80	0 1-	2ACSR	0	0	623	149	0	0	0	0.00	5.96	0
CO6163	CO6193	5.70	0 1-	2ACSR	0	0	634	150	0	0	0	0.00	5.96	0
CO6194	CO6196	5.40	1 1-	750 MCM - 42 Wi	0	0	677	152	0	0	0	0.00	5.79	0
CO6195	CO6194	5.42	1 1-	750 MCM - 42 Wi	0	0	676	152	0	0	0	0.00	5.79	0
CO6152	CO6124	5.18	0 1-	2ACSR	0	0	702	153	0	0	0	0.00	5.61	0
CO6151	CO6121	5.20	1 1-	2ACSR	0	0	699	153	8	1	1	0.00	5.53	0
CO-300298428	CO6198	4.90	1 1-	2ACSR	0	0	744	155	10	1	1	0.00	5.38	0
CO-1603317638	CO-300298428	4.94	1 1-	2ACSR	0	0	737	155	10	1	1	0.00	5.38	0
CO-827276485	CO-300298428	5.00	0 1-	2ACSR	0	0	729	154	0	0	0	0.00	5.38	0
CO5755	CO5735	4.12	2 1-	4ACSR	0	0	887	159	2	0	0	0.00	4.36	0
CO5864	CO5738	3.72	2 1-	4ACSR	0	0	990	162	13	1	1	0.01	3.85	0
CO5865	CO5864	3.75	1 1-	4ACSR	0	0	978	162	11	1	1	0.00	3.85	0
CO5754	CO5738	3.65	0 1-	4ACSR	0	0	1014	163	0	0	0	0.00	3.85	0
CO-127181064	CO5853	3.40	0 1-	2ACSR	0	0	1091	164	0	0	0	0.00	3.57	0
CO5838	CO5725	2.96	4 1-	6ACWC	0	0	1212	166	19	2	2	0.01	3.23	0
CO5836	CO5838	2.99	1 1-	6ACWC	0	0	1193	165	4	0	0	0.00	3.23	0
CO5837	CO5836	3.07	1 1-	6ACWC	0	0	1154	165	4	0	0	0.00	3.23	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5835	CO5838	3.02	1 1-	4ACSR	0	0	1179	165	13	1	1	0.00	3.23	0
CO5822	CO5726	2.56	3 1-	4ACSR	0	0	1364	168	16	2	2	0.01	2.92	0
CO5823	CO5822	2.60	2 1-	4ACSR	0	0	1333	167	5	0	1	0.00	2.93	0
CO5818	CO5727	2.47	6 1-	4ACSR	0	0	1398	168	35	4	3	0.03	2.85	0
CO5819	CO5818	2.54	3 1-	4ACSR	0	0	1348	167	25	3	2	0.01	2.86	0
CO5820	CO5819	2.60	1 1-	4ACSR	0	0	1312	167	7	0	1	0.00	2.86	0
CO5794	CO5728	2.29	110 1-	2ACSR	0	0	1519	170	528	72	41	0.11	2.87	93
CO5795	CO5794	2.53	110 1-	2ACSR	0	0	1377	168	527	72	41	0.56	3.43	459
CO5879	CO5795	2.54	108 1-	2ACSR	0	0	1373	168	513	71	40	0.01	3.45	12
OC168	CO5879	2.54	108 1-	50 H OCR	0	0	1373	168	513	71	143	0.00	3.45	0
CO5880	OC168	2.57	108 1-	2ACSR	0	0	1354	168	513	71	40	0.08	3.53	64
CO5800	CO5880	2.78	108 1-	2ACSR	0	0	1256	166	513	71	40	0.46	3.98	367
CO5801	CO5800	2.94	108 1-	2ACSR	0	0	1187	165	511	71	40	0.37	4.35	293
CO5802	CO5801	3.17	108 1-	2ACSR	0	0	1102	163	510	71	40	0.51	4.86	409
CO5749	CO5802	3.20	1 1-	2ACSR	0	0	1089	163	0	0	0	0.00	4.86	0
CO5730	CO5802	3.26	107 1-	2ACSR	0	0	1070	163	508	71	40	0.21	5.07	170
CO5806	CO5730	3.33	105 1-	2ACSR	0	0	1048	162	497	69	39	0.15	5.22	115
CO5807	CO5806	3.37	104 1-	2ACSR	0	0	1034	162	496	69	39	0.10	5.32	81
CO5814	CO5807	3.42	97 1-	2ACSR	0	0	1019	162	486	68	38	0.11	5.42	82
CO5815	CO5814	3.58	96 1-	2ACSR	0	0	973	161	485	68	38	0.34	5.77	263
CO5816	CO5815	3.81	96 1-	2ACSR	0	0	914	159	484	68	38	0.49	6.25	377
CO5817	CO5816	3.87	94 1-	2ACSR	0	0	901	159	468	66	37	0.12	6.37	89
CO8330	CO5817	4.13	94 1-	2ACSR	0	0	842	157	467	66	37	0.55	6.92	413
CO6213	CO8330	4.15	94 1-	2ACSR	0	0	838	157	465	66	37	0.04	6.96	28
CO6313	CO6213	4.19	94 1-	2ACSR	0	0	830	157	465	66	37	0.08	7.04	61
CO6314	CO6313	4.24	93 1-	2ACSR	0	0	821	157	455	64	36	0.10	7.14	73
CO6216	CO6314	4.38	93 1-	2ACSR	0	0	793	156	455	64	36	0.29	7.43	217
CO6290	CO6216	4.54	3 1-	2ACSR	0	0	765	155	30	4	2	0.02	7.45	0
CO6291	CO6290	4.61	1 1-	2ACSR	0	0	753	154	6	0	0	0.00	7.45	0
CO6138	CO6290	4.58	1 1-	2ACSR	0	0	759	154	12	1	1	0.00	7.45	0
CO6217	CO6216	4.46	90 1-	2ACSR	0	0	779	155	424	60	34	0.15	7.58	103
CO6218	CO6217	4.48	88 1-	2ACSR	0	0	776	155	422	60	34	0.03	7.61	20
CO6219	CO6218	4.62	88 1-	2ACSR	0	0	753	154	422	60	34	0.26	7.87	178
CO6220	CO6219	4.63	88 1-	2ACSR	0	0	751	154	421	60	34	0.02	7.89	13
CO6221	CO6220	4.85	87 1-	2ACSR	0	0	716	153	418	60	33	0.42	8.31	285
CO6113	CO6221	4.95	87 1-	2ACSR	0	0	701	152	416	60	33	0.19	8.50	126
CO6112	CO6113	5.18	85 1-	2ACSR	0	0	670	151	410	59	33	0.42	8.91	281
CO6274	CO6112	5.26	85 1-	2ACSR	0	0	659	150	408	59	33	0.15	9.06	101
OC-478390902	CO6274	5.26	85 1-	20 N FUSE	0	0	659	150	408	59	296	0.00	9.06	0
CO6275	OC-478390902	5.33	85 1-	2ACSR	0	0	649	150	408	59	33	0.14	9.20	94
CO6276	CO6275	5.44	84 1-	2ACSR	0	0	636	149	407	59	33	0.20	9.40	132
CO6111	CO6276	5.55	82 1-	2ACSR	0	0	623	149	401	58	32	0.21	9.61	137
CO6110	CO6111	5.89	78 1-	2ACSR	0	0	587	147	365	53	30	0.55	10.16	332
CO6339	CO6110	5.90	54 1-	2ACSR	0	0	586	147	253	36	21	0.01	10.17	3
OC184	CO6339	5.90	54 1-	35 H OCR	0	0	586	147	253	36	106	0.00	10.17	0
CO6340	OC184	5.96	54 1-	2ACSR	0	0	580	146	253	36	21	0.08	10.24	32
CO6338	CO6340	6.04	53 1-	2ACSR	0	0	572	146	252	36	21	0.09	10.33	38
CO6311	CO6338	6.11	51 1-	2ACSR	0	0	565	146	242	35	20	0.08	10.41	31
CO6148	CO6311	6.15	2 1-	2ACSR	0	0	562	145	7	0	1	0.00	10.41	0
CO6269	CO6148	6.20	2 1-	1/0PRIURD	0	0	558	282	7	0	1	0.00	10.41	0
REG186	CO6311	6.11	49 1-	50.00000000000000	0	0	565	146	235	34	0	-10.41	0.00	0
CO6312	REG186	6.34	49 1-	2ACSR	0	0	545	144	235	31	18	0.22	0.22	79

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6241	CO6312	6.39	49 1-	2ACSR	0	0	540	144	235	31	18	0.06	0.28	20
CO6120	CO6241	7.00	49 1-	2ACSR	0	0	492	141	235	31	18	0.60	0.87	215
CO8345	CO6120	7.08	3 1-	2ACSR	0	0	487	140	9	1	1	0.00	0.87	0
CO8346	CO8345	7.18	1 1-	2ACSR	0	0	479	140	1	0	0	0.00	0.87	0
CO8338	CO6120	7.07	46 1-	2ACSR	0	0	487	140	225	30	17	0.07	0.94	23
CO7343	CO8338	7.42	46 1-	2ACSR	0	0	464	139	225	30	17	0.33	1.27	113
CO8369	CO7343	7.57	37 1-	2ACSR	0	0	454	138	210	28	16	0.14	1.40	45
CO7764	CO8369	7.72	36 1-	2ACSR	0	0	446	137	209	28	16	0.13	1.53	41
CO8353	CO7764	7.89	35 1-	2ACSR	0	0	436	136	207	28	16	0.15	1.68	48
CO6794	CO8353	7.92	35 1-	2ACSR	0	0	434	136	207	28	16	0.03	1.71	10
CO6795	CO6794	8.00	35 1-	2ACSR	0	0	430	136	207	28	16	0.07	1.78	21
CO6793	CO6795	8.02	35 1-	2ACSR	0	0	428	136	206	28	16	0.02	1.80	6
CO6792	CO6793	8.07	34 1-	2ACSR	0	0	426	135	197	26	15	0.04	1.84	12
CO6796	CO6792	8.16	34 1-	2ACSR	0	0	421	135	197	26	15	0.08	1.91	24
CO6797	CO6796	8.26	34 1-	2ACSR	0	0	416	134	197	26	15	0.08	1.99	24
CO6798	CO6797	8.29	33 1-	2ACSR	0	0	414	134	188	25	14	0.03	2.02	8
CO6836	CO6798	8.40	33 1-	2ACSR	0	0	409	134	188	25	14	0.09	2.11	26
CO6837	CO6836	8.49	32 1-	2ACSR	0	0	404	133	185	25	14	0.06	2.17	19
CO6799	CO6837	8.63	31 1-	2ACSR	0	0	398	133	179	24	14	0.10	2.28	29
CO6464	CO6799	8.70	1 1-	2ACSR	0	0	394	132	14	1	1	0.00	2.28	0
CO6396	CO6799	8.70	29 1-	2ACSR	0	0	394	132	157	21	12	0.05	2.32	12
CO6465	CO6396	8.77	1 1-	2ACSR	0	0	391	132	4	0	0	0.00	2.33	0
CO6397	CO6396	8.83	28 1-	2ACSR	0	0	388	132	153	20	12	0.09	2.41	21
CO6800	CO6397	8.89	7 1-	2ACSR	0	0	386	131	21	2	2	0.00	2.42	0
CO6801	CO6800	8.95	5 1-	2ACSR	0	0	383	131	19	2	1	0.00	2.42	0
CO6521	CO6801	9.02	4 1-	2ACSR	0	0	380	131	17	2	1	0.00	2.42	0
CO6523	CO6521	9.19	3 1-	2ACSR	0	0	373	130	12	1	1	0.01	2.43	0
CO6522	CO6523	9.29	3 1-	2ACSR	0	0	369	130	12	1	1	0.00	2.44	0
CO6398	CO6397	8.91	21 1-	2ACSR	0	0	385	131	132	18	10	0.04	2.45	8
CO6466	CO6398	8.97	2 1-	2ACSR	0	0	382	131	11	1	1	0.00	2.45	0
CO-1102110201	CO6398	8.96	17 1-	2ACSR	0	0	383	131	104	14	8	0.02	2.47	4
CO1742816118	CO-1102110201	9.07	0 1-	2ACSR	0	0	378	131	0	0	0	0.00	2.47	0
CO-269452926	CO-1102110201	8.98	17 1-	2ACSR	0	0	382	131	104	14	8	0.01	2.48	0
CO6803	CO-269452926	9.01	17 1-	2ACSR	0	0	380	131	104	14	8	0.02	2.50	2
CO6804	CO6803	9.06	16 1-	2ACSR	0	0	379	131	98	13	7	0.02	2.51	3
CO6827	CO6804	9.28	16 1-	2ACSR	0	0	369	130	98	13	7	0.09	2.61	14
CO6828	CO6827	9.32	16 1-	2ACSR	0	0	368	130	98	13	7	0.02	2.63	3
CO6467	CO6828	9.42	1 1-	2ACSR	0	0	364	129	12	1	1	0.00	2.63	0
CO6399	CO6828	9.44	15 1-	2ACSR	0	0	363	129	86	11	7	0.04	2.67	6
CO6710	CO6399	9.48	13 1-	2ACSR	0	0	361	129	67	9	5	0.01	2.68	0
CO6711	CO6710	9.72	11 1-	2ACSR	0	0	352	128	62	8	5	0.06	2.74	6
CO6527	CO6711	10.14	1 1-	2ACSR	0	0	338	126	8	1	1	0.01	2.76	0
CO6528	CO6527	10.21	1 1-	2ACSR	0	0	335	126	8	1	1	0.00	2.76	0
CO6524	CO6711	9.80	10 1-	2ACSR	0	0	350	127	53	7	4	0.02	2.76	0
CO6526	CO6524	9.84	8 1-	2ACSR	0	0	348	127	49	6	4	0.01	2.77	0
CO6525	CO6526	9.95	8 1-	2ACSR	0	0	344	127	49	6	4	0.02	2.79	0
CO6821	CO6525	10.05	7 1-	2ACSR	0	0	341	126	44	6	3	0.02	2.81	0
CO6822	CO6821	10.14	6 1-	2ACSR	0	0	337	126	39	5	3	0.02	2.82	0
CO6529	CO6822	10.21	6 1-	2ACSR	0	0	335	126	39	5	3	0.01	2.83	0
CO6536	CO6529	10.25	6 1-	2ACSR	0	0	334	125	39	5	3	0.01	2.84	0
CO6530	CO6536	10.32	3 1-	2ACSR	0	0	331	125	25	3	2	0.01	2.85	0
CO6535	CO6530	10.42	3 1-	2ACSR	0	0	328	125	25	3	2	0.01	2.86	0

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6531	CO6535	10.48	3 1-	2ACSR	0	0	326	124	25	3	2	0.01	2.86	0
CO6534	CO6531	10.64	3 1-	2ACSR	0	0	322	124	25	3	2	0.02	2.88	0
CO6532	CO6534	10.70	3 1-	2ACSR	0	0	320	124	25	3	2	0.01	2.89	0
CO6533	CO6532	10.74	3 1-	2ACSR	0	0	318	123	25	3	2	0.00	2.89	0
CO8335	CO6533	10.85	3 1-	2ACSR	0	0	315	123	25	3	2	0.01	2.90	0
CO6052	CO8335	10.93	3 1-	2ACSR	0	0	313	123	25	3	2	0.01	2.91	0
CO6053	CO6052	10.99	1 1-	2ACSR	0	0	311	122	13	1	1	0.00	2.91	0
CO6054	CO6053	11.06	1 1-	2ACSR	0	0	309	122	13	1	1	0.00	2.92	0
CO6055	CO6054	11.12	1 1-	2ACSR	0	0	307	122	13	1	1	0.00	2.92	0
CO5952	CO6052	10.98	1 1-	2ACSR	0	0	311	122	8	1	1	0.00	2.91	0
CO6662	CO6525	10.03	0 1-	2ACSR	0	0	341	126	0	0	0	0.00	2.79	0
CO6663	CO6662	10.11	0 1-	2ACSR	0	0	339	126	0	0	0	0.00	2.79	0
CO6468	CO6399	9.54	1 1-	2ACSR	0	0	359	129	4	0	0	0.00	2.67	0
CO6660	CO6399	9.47	1 1-	2ACSR	0	0	362	129	14	1	1	0.00	2.67	0
CO6661	CO6660	9.54	1 1-	2ACSR	0	0	359	129	14	1	1	0.00	2.67	0
CO6463	CO6797	8.32	1 1-	2ACSR	0	0	413	134	9	1	1	0.00	2.00	0
CO6462	CO6792	8.15	0 1-	2ACSR	0	0	422	135	0	0	0	0.00	1.84	0
CO7311	CO7343	7.52	8 1-	2ACSR	0	0	457	138	14	1	1	0.01	1.27	0
CO7342	CO7311	7.64	7 1-	2ACSR	0	0	450	138	8	1	1	0.00	1.28	0
CO7339	CO7342	7.69	6 1-	2ACSR	0	0	447	137	8	1	1	0.00	1.28	0
CO7341	CO7339	7.82	6 1-	2ACSR	0	0	440	137	8	1	1	0.00	1.28	0
CO7340	CO7341	7.89	6 1-	2ACSR	0	0	435	136	8	1	1	0.00	1.29	0
CO7404	CO7340	7.91	6 1-	2ACSR	0	0	435	136	8	1	1	0.00	1.29	0
CO7405	CO7404	7.95	5 1-	2ACSR	0	0	432	136	8	1	1	0.00	1.29	0
CO8371	CO7405	8.08	2 1-	2ACSR	0	0	425	135	3	0	0	0.00	1.29	0
CO7643	CO8371	8.14	2 1-	2ACSR	0	0	422	135	3	0	0	0.00	1.29	0
CO7312	CO7405	8.06	3 1-	2ACSR	0	0	426	135	5	0	0	0.00	1.29	0
CO7376	CO7312	8.12	1 1-	2ACSR	0	0	423	135	0	0	0	0.00	1.29	0
CO7378	CO7376	8.23	0 1-	2ACSR	0	0	417	135	0	0	0	0.00	1.29	0
CO7377	CO7378	8.34	0 1-	2ACSR	0	0	412	134	0	0	0	0.00	1.29	0
CO7324	CO7312	8.10	2 1-	2ACSR	0	0	424	135	5	0	0	0.00	1.29	0
CO8372	CO7324	8.13	0 1-	2ACSR	0	0	423	135	0	0	0	0.00	1.29	0
CO7535	CO8372	8.14	0 1-	2ACSR	0	0	422	135	0	0	0	0.00	1.29	0
CO7382	CO7324	8.12	1 1-	2ACSR	0	0	423	135	4	0	0	0.00	1.29	0
CO7431	CO7382	8.13	1 1-	2ACSR	0	0	423	135	4	0	0	0.00	1.29	0
CO7432	CO7431	8.17	1 1-	2ACSR	0	0	421	135	4	0	0	0.00	1.29	0
CO8377	CO7432	8.30	1 1-	2ACSR	0	0	414	134	4	0	0	0.00	1.29	0
CO7575	CO8377	8.36	0 1-	2ACSR	0	0	411	134	0	0	0	0.00	1.29	0
CO528091511	CO7575	8.45	0 1-	2ACSR	0	0	406	134	0	0	0	0.00	1.29	0
#SW-819138331-A	CO528091511	8.45	0 1-	Open	0	0	406	134	0	0	0	0.00	1.29	0
CO7317	CO7311	7.59	1 1-	2ACSR	0	0	453	138	6	0	0	0.00	1.27	0
CO6239	CO6338	6.07	1 1-	2ACSR	0	0	569	146	9	1	1	0.00	10.33	0
CO6240	CO6239	6.11	1 1-	2ACSR	0	0	565	146	9	1	1	0.00	10.34	0
CO6176	CO6338	6.07	1 1-	2ACSR	0	0	569	146	0	0	0	0.00	10.33	0
CO6270	CO6110	5.96	21 1-	2ACSR	0	0	580	146	100	14	8	0.03	10.19	5
CO6271	CO6270	6.06	20 1-	2ACSR	0	0	570	146	85	12	7	0.04	10.23	5
CO6292	CO6271	6.08	4 1-	2ACSR	0	0	568	146	8	1	1	0.00	10.23	0
CO6354	CO6292	6.10	2 1-	2ACSR	0	0	567	146	1	0	0	0.00	10.23	0
CO6355	CO6354	6.14	1 1-	2ACSR	0	0	563	145	0	0	0	0.00	10.23	0
CO6178	CO6292	6.18	2 1-	2ACSR	0	0	559	145	7	1	1	0.00	10.23	0
CO6281	CO6271	6.10	16 1-	2ACSR	0	0	566	146	77	11	6	0.01	10.24	0
CO6299	CO6281	6.16	16 1-	2ACSR	0	0	561	145	77	11	6	0.02	10.26	2

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6300	CO6299	6.20	14 1-	2ACSR	0	0	557	145	53	7	4	0.01	10.27	0
CO6277	CO6300	6.22	13 1-	2ACSR	0	0	555	145	48	7	4	0.01	10.27	0
CO6344	CO6277	6.26	12 1-	2ACSR	0	0	552	145	42	6	3	0.01	10.28	0
CO6329	CO6344	6.29	0 1-	4ACSR	0	0	548	145	0	0	0	0.00	10.28	0
CO6328	CO6344	6.32	11 1-	2ACSR	0	0	546	144	42	6	3	0.01	10.29	0
CO6346	CO6328	6.43	11 1-	2ACSR	0	0	537	144	42	6	3	0.02	10.31	0
CO6327	CO6346	6.46	2 1-	2ACSR	0	0	534	144	5	0	0	0.00	10.31	0
CO6316	CO6327	6.50	2 1-	2ACSR	0	0	531	143	5	0	0	0.00	10.31	0
CO-1854412311	CO6346	6.44	9 1-	2ACSR	0	0	536	144	37	5	3	0.00	10.31	0
CO349530682	CO-1854412311	6.56	1 1-	2ACSR	0	0	526	143	5	0	0	0.00	10.32	0
CO189680783	CO-1854412311	6.45	8 1-	2ACSR	0	0	535	144	33	4	3	0.00	10.32	0
CO6324	CO189680783	6.47	8 1-	2ACSR	0	0	533	144	33	4	3	0.00	10.32	0
CO6345	CO6324	6.51	6 1-	2ACSR	0	0	530	143	31	4	3	0.01	10.33	0
CO6302	CO6345	6.57	5 1-	2ACSR	0	0	525	143	22	3	2	0.00	10.33	0
CO6282	CO6302	6.62	2 1-	2ACSR	0	0	521	143	6	0	1	0.00	10.33	0
CO6283	CO6282	6.70	0 1-	2ACSR	0	0	514	142	0	0	0	0.00	10.33	0
CO6301	CO6345	6.57	1 1-	1/0PRIURD	0	0	526	274	9	1	1	0.00	10.33	0
CO6325	CO6324	6.49	0 1-	2ACSR	0	0	531	143	0	0	0	0.00	10.32	0
CO6315	CO6325	6.55	0 1-	2ACSR	0	0	526	143	0	0	0	0.00	10.32	0
CO6284	CO6299	6.20	2 1-	4ACSR	0	0	556	145	23	3	2	0.00	10.26	0
CO6285	CO6284	6.23	1 1-	4ACSR	0	0	553	145	13	1	1	0.00	10.27	0
CO6237	CO6110	5.96	2 1-	2ACSR	0	0	579	146	5	0	0	0.00	10.16	0
CO6238	CO6237	5.98	1 1-	2ACSR	0	0	578	146	5	0	0	0.00	10.16	0
CO6236	CO6238	6.04	0 1-	2ACSR	0	0	572	146	0	0	0	0.00	10.16	0
CO6147	CO6238	6.01	1 1-	2ACSR	0	0	575	146	5	0	0	0.00	10.16	0
CO-273409755	CO6147	6.15	1 1-	2ACSR	0	0	562	145	5	0	0	0.00	10.16	0
CO6228	CO6111	5.62	4 1-	2ACSR	0	0	616	148	35	5	3	0.01	9.62	0
CO6229	CO6228	5.71	4 1-	2ACSR	0	0	606	148	35	5	3	0.01	9.63	0
CO6332	CO6229	5.72	2 1-	2ACSR	0	0	605	148	26	3	2	0.00	9.63	0
OC182	CO6332	5.72	2 1-	15 H OCR	0	0	605	148	26	3	25	0.00	9.63	0
CO6333	OC182	5.81	2 1-	2ACSR	0	0	595	147	26	3	2	0.01	9.64	0
CO6230	CO6333	5.86	2 1-	2ACSR	0	0	590	147	26	3	2	0.01	9.65	0
CO6231	CO6230	6.02	2 1-	2ACSR	0	0	574	146	26	3	2	0.01	9.66	0
CO6232	CO6231	6.09	1 1-	2ACSR	0	0	567	146	12	1	1	0.00	9.66	0
CO6233	CO6232	6.16	1 1-	2ACSR	0	0	560	145	12	1	1	0.00	9.67	0
CO6234	CO6233	6.22	1 1-	2ACSR	0	0	555	145	12	1	1	0.00	9.67	0
CO6235	CO6234	6.39	1 1-	2ACSR	0	0	540	144	12	1	1	0.00	9.68	0
CO6145	CO6232	6.15	0 1-	2ACSR	0	0	562	145	0	0	0	0.00	9.66	0
CO6146	CO6229	5.75	1 1-	2ACSR	0	0	601	148	0	0	0	0.00	9.63	0
CO6226	CO6276	5.55	1 1-	2ACSR	0	0	623	149	6	0	0	0.00	9.40	0
CO6227	CO6226	5.67	1 1-	2ACSR	0	0	610	148	6	0	0	0.00	9.41	0
CO6225	CO6227	5.84	1 1-	2ACSR	0	0	592	147	6	0	0	0.00	9.41	0
CO6140	CO6112	5.36	0 1-	2ACSR	0	0	647	150	0	0	0	0.00	8.91	0
CO6139	CO6113	5.07	1 1-	2ACSR	0	0	684	152	4	0	0	0.00	8.50	0
CO6223	CO6221	4.91	0 1-	2ACSR	0	0	707	152	0	0	0	0.00	8.31	0
CO6224	CO6223	5.00	0 1-	2ACSR	0	0	694	152	0	0	0	0.00	8.31	0
CO6222	CO6224	5.04	0 1-	2ACSR	0	0	688	152	0	0	0	0.00	8.31	0
CO6214	CO6313	4.24	1 1-	2ACSR	0	0	820	157	10	1	1	0.00	7.04	0
CO6215	CO6214	4.28	1 1-	2ACSR	0	0	812	156	10	1	1	0.00	7.04	0
CO5757	CO5816	3.97	1 1-	2ACSR	0	0	878	158	13	1	1	0.00	6.26	0
CO5746	CO5816	3.89	1 1-	2ACSR	0	0	896	159	1	0	0	0.00	6.25	0
CO5808	CO5807	3.51	3 1-	2ACSR	0	0	994	161	2	0	0	0.00	5.32	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5809	CO5808	3.57	3 1-	2ACSR	0	0	975	161	2	0	0	0.00	5.32	0
CO5810	CO5809	3.68	3 1-	2ACSR	0	0	948	160	2	0	0	0.00	5.32	0
CO5811	CO5810	3.78	3 1-	2ACSR	0	0	920	159	2	0	0	0.00	5.32	0
CO5812	CO5811	3.90	1 1-	2ACSR	0	0	894	159	0	0	0	0.00	5.32	0
CO5813	CO5812	3.97	1 1-	2ACSR	0	0	877	158	0	0	0	0.00	5.32	0
CO5747	CO5807	3.45	3 1-	2ACSR	0	0	1012	162	8	1	1	0.00	5.32	0
CO5803	CO5730	3.28	2 1-	2ACSR	0	0	1062	163	10	1	1	0.00	5.07	0
CO5804	CO5803	3.29	2 1-	2ACSR	0	0	1059	163	10	1	1	0.00	5.07	0
CO5805	CO5804	3.35	1 1-	2ACSR	0	0	1042	162	5	0	0	0.00	5.07	0
CO5748	CO5804	3.35	1 1-	2ACSR	0	0	1040	162	5	0	0	0.00	5.07	0
CO5796	CO5795	2.60	2 1-	2ACSR	0	0	1337	167	12	1	1	0.00	3.44	0
CO5797	CO5796	2.74	2 1-	2ACSR	0	0	1273	166	12	1	1	0.01	3.44	0
CO5798	CO5797	2.97	2 1-	2ACSR	0	0	1175	165	12	1	1	0.01	3.45	0
CO5799	CO5798	3.04	1 1-	2ACSR	0	0	1147	164	10	1	1	0.00	3.45	0
CO5291	OC-453038052	1.10	41 3-	336ACSR	3222	3035	2676	176	204	9	2	0.01	1.07	2
CO5376	CO5291	1.17	0 3-	336ACSR	3151	2962	2602	176	0	0	0	0.00	1.07	0
CO5375	CO5376	1.29	0 3-	336ACSR	3040	2848	2487	176	0	0	0	0.00	1.07	0
SW1467466824-A	CO5375	1.29	0 3-	Open	3040	2848	2487	176	0	0	0	0.00	1.07	0
CO5297	CO5291	1.13	40 3-	336ACSR	3192	3004	2644	176	193	8	2	0.00	1.07	0
CO5485	CO5297	1.14	35 1-	6ACWC	0	0	2630	176	167	22	16	0.01	1.08	0
OC143	CO5485	1.14	35 1-	35 H OCR	0	0	2630	176	167	22	65	0.00	1.08	0
CO5486	OC143	1.17	35 1-	6ACWC	0	0	2571	175	167	22	16	0.03	1.10	8
CO5374	CO5486	1.28	35 1-	6ACWC	0	0	2361	174	167	22	16	0.11	1.22	30
CO5373	CO5374	1.36	34 1-	6ACWC	0	0	2227	173	166	22	16	0.08	1.29	21
CO5372	CO5373	1.45	34 1-	6ACWC	0	0	2081	172	166	22	16	0.09	1.39	25
CO5371	CO5372	1.51	29 1-	6ACWC	0	0	1997	172	131	17	13	0.04	1.43	9
CO5370	CO5371	1.69	27 1-	6ACWC	0	0	1777	170	118	16	11	0.13	1.56	24
CO5327	CO5370	1.86	1 1-	6ACWC	0	0	1607	168	2	0	0	0.00	1.56	0
CO5326	CO5370	1.79	1 1-	6ACWC	0	0	1676	169	10	1	1	0.00	1.56	0
CO5325	CO5370	1.79	1 1-	6ACWC	0	0	1676	169	5	0	0	0.00	1.56	0
CO5296	CO5370	1.80	24 1-	6ACWC	0	0	1662	169	102	13	10	0.07	1.63	11
CO5324	CO5296	1.85	0 1-	6ACWC	0	0	1616	168	0	0	0	0.00	1.63	0
CO5295	CO5296	1.94	24 1-	6ACWC	0	0	1531	167	102	13	10	0.09	1.71	14
CO5323	CO5295	1.99	1 1-	6ACWC	0	0	1490	167	15	2	1	0.00	1.72	0
CO5498	CO5295	2.04	23 1-	6ACWC	0	0	1454	166	87	11	8	0.05	1.76	7
CO5422	CO5498	2.13	23 1-	6ACWC	0	0	1383	166	86	11	8	0.05	1.81	7
CO5468	CO5422	2.25	2 1-	6ACWC	0	0	1304	164	4	0	0	0.00	1.82	0
CO5469	CO5468	2.32	0 1-	6ACWC	0	0	1260	164	0	0	0	0.00	1.82	0
CO5424	CO5422	2.20	21 1-	6ACWC	0	0	1334	165	82	11	8	0.04	1.85	5
CO5471	CO5424	2.21	2 1-	6ACWC	0	0	1326	165	3	0	0	0.00	1.85	0
CO5470	CO5471	2.28	2 1-	6ACWC	0	0	1286	164	3	0	0	0.00	1.85	0
CO5423	CO5424	2.21	19 1-	6ACWC	0	0	1330	165	79	10	8	0.00	1.85	0
CO5315	CO5423	2.29	19 1-	6ACWC	0	0	1275	164	79	10	8	0.04	1.89	5
CO5357	CO5315	2.39	1 1-	6ACWC	0	0	1220	163	7	0	1	0.00	1.90	0
CO5316	CO5315	2.38	18 1-	6ACWC	0	0	1227	163	72	9	7	0.04	1.93	4
CO5473	CO5316	2.40	2 1-	6ACWC	0	0	1214	163	1	0	0	0.00	1.93	0
CO5472	CO5473	2.45	0 1-	6ACWC	0	0	1188	162	0	0	0	0.00	1.93	0
CO5317	CO5316	2.47	16 1-	6ACWC	0	0	1175	162	72	9	7	0.04	1.97	4
CO5358	CO5317	2.53	1 1-	6ACWC	0	0	1145	162	11	1	1	0.00	1.97	0
CO5318	CO5317	2.54	13 1-	6ACWC	0	0	1139	162	43	5	4	0.02	1.98	0
CO5359	CO5318	2.61	4 1-	6ACWC	0	0	1105	161	9	1	1	0.00	1.99	0
CO5482	CO5318	2.67	8 1-	6ACWC	0	0	1078	160	33	4	3	0.03	2.01	0

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5360	CO5482	2.72	1 1-	6ACWC	0	0	1057	160	8	1	1	0.00	2.01	0
CO5428	CO5482	2.74	7 1-	6ACWC	0	0	1048	160	25	3	2	0.01	2.02	0
CO5427	CO5428	2.83	6 1-	6ACWC	0	0	1013	159	20	2	2	0.01	2.03	0
CO5425	CO5427	2.85	6 1-	6ACWC	0	0	1007	159	20	2	2	0.00	2.03	0
CO5426	CO5425	2.97	6 1-	6ACWC	0	0	960	158	20	2	2	0.02	2.05	0
CO5361	CO5426	3.04	1 1-	6ACWC	0	0	935	157	6	0	1	0.00	2.05	0
CO5430	CO5426	3.02	5 1-	6ACWC	0	0	943	157	14	1	1	0.00	2.05	0
CO5429	CO5430	3.12	5 1-	6ACWC	0	0	912	156	14	1	1	0.01	2.06	0
CO8321	CO5429	3.29	1 1-	6ACWC	0	0	858	155	3	0	0	0.00	2.06	0
CO8317	CO5429	3.22	4 1-	6ACWC	0	0	881	155	11	1	1	0.01	2.07	0
CO5767	CO8317	3.26	4 1-	6ACWC	0	0	869	155	11	1	1	0.00	2.07	0
CO5765	CO5767	3.33	2 1-	6ACWC	0	0	848	155	9	1	1	0.00	2.07	0
CO5766	CO5765	3.34	2 1-	6ACWC	0	0	845	154	9	1	1	0.00	2.07	0
CO5764	CO5766	3.42	1 1-	6ACWC	0	0	823	154	0	0	0	0.00	2.07	0
CO5763	CO5764	3.55	1 1-	6ACWC	0	0	790	153	0	0	0	0.00	2.07	0
CO5875	CO5763	3.56	0 1-	4ACSR	0	0	789	153	0	0	0	0.00	2.07	0
CO5753	CO5763	3.74	1 1-	6ACWC	0	0	747	151	0	0	0	0.00	2.07	0
OH168	CO5763	4.07	0 1-	6ACWC	0	0	682	148	0	0	0	0.00	2.07	0
OH169	OH168	4.48	0 1-	6ACWC	0	0	614	145	0	0	0	0.00	2.07	0
OH171	OH169	4.70	0 1-	6ACWC	0	0	585	143	0	0	0	0.00	2.07	0
SW173-A	OH171	4.70	0 1-	Open	0	0	585	143	0	0	0	0.00	2.07	0
CO5752	CO5767	3.30	2 1-	6ACWC	0	0	855	155	2	0	0	0.00	2.07	0
CO-762251945	CO5318	2.60	1 1-	2ACSR	0	0	1116	161	0	0	0	0.00	1.98	0
CO5443	CO5372	1.55	5 1-	6ACWC	0	0	1949	171	35	4	3	0.02	1.41	0
CO-2099069021	CO5443	1.59	1 1-	2ACSR	0	0	1908	171	10	1	1	0.00	1.41	0
CO5479	CO5443	1.56	4 1-	6ACWC	0	0	1935	171	24	3	2	0.00	1.41	0
CO5480	CO5479	1.63	3 1-	6ACWC	0	0	1853	171	24	3	2	0.01	1.42	0
CO5442	CO5480	1.67	2 1-	6ACWC	0	0	1804	170	16	2	2	0.00	1.42	0
CO5444	CO5442	1.74	1 1-	6ACWC	0	0	1725	169	13	1	1	0.00	1.42	0
CO5440	CO5297	1.24	5 1-	336 MCM ACSR 30	0	0	2544	176	25	3	1	0.00	1.07	0
CO5439	CO5440	1.31	4 1-	336 MCM ACSR 30	0	0	2473	176	25	3	1	0.00	1.07	0
CO5441	CO5439	1.36	2 1-	336 MCM ACSR 30	0	0	2435	175	18	2	0	0.00	1.07	0
CO1630746698	CO5441	1.44	1 1-	2ACSR	0	0	2320	175	11	1	1	0.00	1.08	0
CO5475	CO5367	1.01	1 1-	4ACSR	0	0	2692	175	5	0	1	0.00	1.06	0
CO5474	CO5475	1.02	1 1-	4ACSR	0	0	2664	175	5	0	1	0.00	1.06	0
CO5489	CO5365	0.70	13 1-	6ACWC	0	0	3362	177	34	4	3	0.00	0.69	0
OC145	CO5489	0.70	13 1-	10 N FUSE	0	0	3362	177	34	4	45	0.00	0.69	0
CO5490	OC145	0.84	13 1-	6ACWC	0	0	2958	176	34	4	3	0.03	0.72	0
CO5343	CO5490	0.92	2 1-	6ACWC	0	0	2740	175	4	0	0	0.00	0.72	0
CO-1844693248	CO5490	0.87	1 1-	2ACSR	0	0	2877	176	10	1	1	0.00	0.72	0
CO5308	CO5490	1.04	10 1-	6ACWC	0	0	2482	174	19	2	2	0.02	0.74	0
CO8316	CO5308	1.11	6 1-	6ACWC	0	0	2332	173	7	0	1	0.00	0.75	0
CO8320	CO8316	1.15	2 1-	6ACWC	0	0	2263	173	3	0	0	0.00	0.75	0
CO5769	CO8316	1.23	3 1-	6ACWC	0	0	2132	172	3	0	0	0.00	0.75	0
CO5770	CO5769	1.36	3 1-	6ACWC	0	0	1937	170	3	0	0	0.00	0.75	0
CO5771	CO5770	1.62	3 1-	6ACWC	0	0	1638	168	3	0	0	0.00	0.75	0
CO5772	CO5771	1.76	3 1-	6ACWC	0	0	1501	166	3	0	0	0.00	0.75	0
CO5773	CO5772	2.19	3 1-	6ACWC	0	0	1208	162	3	0	0	0.00	0.76	0
CO5774	CO5773	2.22	3 1-	6ACWC	0	0	1191	162	3	0	0	0.00	0.76	0
CO5776	CO5774	2.29	3 1-	1/0PRIURD	0	0	1170	363	3	0	0	0.00	0.76	0
CO5777	CO5776	2.37	2 1-	1/0PRIURD	0	0	1146	361	3	0	0	0.00	0.76	0
CO5775	CO5777	2.56	1 1-	1/0PRIURD	0	0	1092	356	3	0	0	0.00	0.76	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
CO8315	CO5308	1.19	4 1-	6ACWC	0	0	2197	172	12	1	1	0.01	0.75	0	
CO5768	CO8315	1.23	2 1-	6ACWC	0	0	2130	172	9	1	1	0.00	0.75	0	
CO5873	CO5768	1.41	2 1-	6ACWC	0	0	1876	170	9	1	1	0.01	0.76	0	
CO5874	CO5873	1.47	1 1-	6ACWC	0	0	1795	169	7	0	1	0.00	0.76	0	
CO5739	CO8315	1.23	1 1-	6ACWC	0	0	2135	172	1	0	0	0.00	0.75	0	
CO1854306361	CO-423970069	0.49	1 3-	2ACSR	4333	4226	3930	178	11	0	0	0.00	0.26	0	
CO-1476451937	CO1854306361	0.54	1 3-	2ACSR	4193	4067	3755	178	11	0	0	0.00	0.26	0	
CO5463	CO-423970069	0.44	6 1-	4ACSR	0	0	4090	179	16	2	2	0.00	0.26	0	
CO5462	CO5463	0.51	6 1-	4ACSR	0	0	3813	178	16	2	2	0.00	0.26	0	
CO5345	CO5462	0.54	1 1-	4ACSR	0	0	3662	177	6	0	1	0.00	0.26	0	
CO5464	CO5462	0.56	1 1-	4ACSR	0	0	3589	177	2	0	0	0.00	0.26	0	
CO-1606246390	CO-1660857539	0.00	0 3-	500 MCM ACSR 30	5513	5752	5817	180	0	0	0	0.00	0.00	0	
OC-1576232584	CO-1606246390	0.00	0 3-	560 200WVE	5513	5752	5817	180	0	0	0	0.00	0.00	0	
CO-734006800	OC-1576232584	0.00	0 3-	500 MCM ACSR 30	5511	5749	5814	180	0	0	0	0.00	0.00	0	
SUB 0 total losses:		\$45,770													

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB	0 RECTORVILLE SUB		2311		6065	6302	6354	180	12426					
CO22485	RECTORVILLE SUB	0.00	2311 3-	750 MCM - 42 Wi	6053	6285	6334	180	12426	560	48	0.01	0.01	61
CO22486	CO22485	0.01	2311 3-	750 MCM - 42 Wi	6042	6268	6315	180	12426	560	48	0.01	0.01	61
CO22489	CO22486	0.02	334 3-	750 MCM - 42 Wi	6003	6209	6249	180	1924	86	7	0.00	0.02	5
Owl Hollow	CO22489	0.02	334 3-	560 200WVE	6003	6209	6249	180	1924	86	15	0.00	0.02	0
CO22368	Owl Hollow	0.03	334 3-	4/0ACSR	5953	6131	6168	180	1924	86	25	0.01	0.03	27
CO22369	CO22368	0.13	334 3-	4/0ACSR	5601	5620	5616	179	1923	86	25	0.08	0.11	204
CO22370	CO22369	0.15	334 3-	4/0ACSR	5535	5530	5516	179	1922	86	25	0.02	0.13	41
CO22371	CO22370	0.19	334 3-	4/0ACSR	5378	5341	5284	179	1922	86	25	0.04	0.16	99
CO22279	CO22371	0.26	331 3-	4/0ACSR	5164	5099	4979	179	1881	84	25	0.06	0.22	139
CO23696	CO22279	0.29	329 3-	4/0ACSR	5064	4987	4840	179	1865	84	25	0.03	0.25	68
CO22787	CO23696	0.33	2 1-	2ACSR	0	0	4642	179	21	2	2	0.00	0.25	0
CO22878	CO23696	0.33	326 3-	4/0ACSR	4961	4871	4699	179	1841	82	24	0.03	0.28	71
CO22853	CO22878	0.39	11 1-	4ACSR	0	0	4380	178	89	11	9	0.03	0.31	4
CO22854	CO22853	0.42	10 1-	4ACSR	0	0	4223	178	78	10	8	0.01	0.32	0
CO22855	CO22854	0.47	8 1-	4ACSR	0	0	3963	177	67	9	6	0.02	0.34	0
CO23695	CO22855	0.51	6 1-	4ACSR	0	0	3802	177	49	6	5	0.01	0.35	0
CO22158	CO23695	0.55	4 1-	4ACSR	0	0	3637	176	24	3	2	0.00	0.35	0
CO22157	CO22158	0.57	3 1-	4ACSR	0	0	3560	176	12	1	1	0.00	0.35	0
CO22156	CO22157	0.58	2 1-	4ACSR	0	0	3496	176	2	0	0	0.00	0.35	0
CO22757	CO22854	0.43	1 1-	4ACSR	0	0	4165	178	2	0	0	0.00	0.32	0
CO22789	CO22878	0.36	315 3-	4/0ACSR	4867	4766	4573	179	1752	78	23	0.03	0.30	60
CO22788	CO22789	0.39	313 3-	4/0ACSR	4805	4697	4491	179	1729	77	23	0.02	0.32	40
CO22791	CO22788	0.44	313 3-	4/0ACSR	4657	4534	4299	179	1729	77	23	0.04	0.36	99
CO22790	CO22791	0.56	313 3-	4/0ACSR	4386	4239	3960	178	1729	77	23	0.09	0.45	199
CO22760	CO22790	0.65	0 1-	4ACSR	0	0	3585	177	0	0	0	0.00	0.45	0
CO22759	CO22790	0.65	1 1-	4ACSR	0	0	3585	177	14	1	1	0.00	0.46	0
CO22795	CO22790	0.67	312 3-	4/0ACSR	4144	3978	3669	178	1714	77	23	0.09	0.54	196
CO22796	CO22795	0.88	312 3-	4/0ACSR	3759	3573	3230	177	1713	77	23	0.16	0.70	359
CO22794	CO22796	1.11	312 3-	4/0ACSR	3411	3213	2856	177	1711	77	23	0.17	0.87	391
CO22797	CO22794	1.30	312 3-	4/0ACSR	3165	2963	2603	176	1709	77	23	0.14	1.01	324
CO22793	CO22797	1.38	311 3-	4/0ACSR	3062	2861	2501	176	1696	76	23	0.07	1.08	148
CO22792	CO22793	1.46	310 3-	4/0ACSR	2983	2781	2423	176	1695	76	23	0.05	1.13	122
CO22800	CO22792	1.53	308 3-	4/0ACSR	2903	2702	2345	176	1677	76	22	0.06	1.19	126
CO22801	CO22800	1.61	308 3-	4/0ACSR	2828	2627	2273	175	1677	76	22	0.06	1.24	125
CO22798	CO22801	1.74	306 3-	4/0ACSR	2706	2511	2157	175	1660	75	22	0.10	1.34	214
CO22799	CO22798	1.81	305 3-	4/0ACSR	2645	2454	2100	175	1656	75	22	0.05	1.39	113
CO30564	CO22799	1.87	305 3-	4/0ACSR	2594	2406	2052	175	1655	75	22	0.04	1.43	99
CO22810	CO30564	1.88	303 3-	4/0ACSR	2585	2397	2043	175	1632	74	22	0.01	1.44	18
CO22809	CO22810	1.95	303 3-	4/0ACSR	2530	2346	1993	174	1632	74	22	0.05	1.49	108
CO22743	CO22809	2.01	294 3-	4/0ACSR	2484	2303	1950	174	1594	72	21	0.04	1.53	91
CO22815	CO22743	2.06	294 3-	4/0ACSR	2450	2271	1920	174	1593	72	21	0.03	1.57	68
CO22814	CO22815	2.15	293 3-	4/0ACSR	2380	2206	1857	174	1587	72	21	0.07	1.64	147
CO22813	CO22814	2.22	292 3-	4/0ACSR	2333	2162	1814	174	1586	72	21	0.05	1.68	104
CO22816	CO22813	2.29	292 3-	4/0ACSR	2289	2120	1775	173	1585	72	21	0.05	1.73	102
CO22812	CO22816	2.59	292 3-	4/0ACSR	2110	1953	1617	173	1585	72	21	0.21	1.94	453
CO22817	CO22812	2.65	292 3-	4/0ACSR	2079	1925	1591	172	1583	72	21	0.04	1.98	85
CO22821	CO22817	2.74	24 3-	1/0ACSR	2021	1872	1542	172	259	11	5	0.02	2.00	7
SW1-A	CO22821	2.74	24 3-	Closed	2021	1872	1542	172	259	11	0	0.00	2.00	0
SW1-B	SW1-A	2.74	24 3-	Closed	2021	1872	1542	172	259	11	0	0.00	2.00	0
CO22820	SW1-B	2.87	24 3-	1/0AAAC	1949	1807	1480	171	259	11	5	0.03	2.03	10

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1902510789	CO22820	2.87	23 3-	20 N FUSE	1949	1807	1480	171	253	11	57	0.00	2.03	0
CO1144357358	OC-1902510789	3.02	23 3-	1/0AAAC	1873	1738	1416	171	253	11	4	0.03	2.05	11
CO22822	CO1144357358	3.17	23 3-	1/0ACSR	1793	1666	1350	170	252	11	5	0.03	2.08	11
CO22823	CO22822	3.39	23 3-	1/0ACSR	1688	1571	1266	169	252	11	5	0.04	2.13	16
CO23227	CO22823	3.46	23 3-	1/0ACSR	1657	1542	1241	168	252	11	5	0.01	2.14	5
CO23158	CO23227	3.79	23 3-	1/0ACSR	1523	1421	1135	167	252	11	5	0.06	2.20	25
CO23157	CO23158	3.87	23 3-	1/0ACSR	1491	1391	1109	166	252	11	5	0.02	2.22	7
CO-969913368	CO23157	4.04	23 3-	1/0ACSR	1433	1338	1064	166	252	11	5	0.03	2.25	13
CO1311691612	CO-969913368	4.09	19 1-	2ACSR	0	0	1050	165	84	11	6	0.02	2.27	2
CO-1026502091	CO1311691612	4.12	19 1-	2ACSR	0	0	1038	165	84	11	6	0.01	2.28	0
OC656923649	CO-1026502091	4.12	19 1-	20 N FUSE	0	0	1038	165	84	11	57	0.00	2.28	0
CO23101	OC656923649	4.24	19 1-	4ACSR	0	0	997	164	84	11	8	0.06	2.34	7
CO23232	CO23101	4.29	1 1-	4ACSR	0	0	980	163	10	1	1	0.00	2.34	0
CO23231	CO23232	4.31	1 1-	4ACSR	0	0	976	163	10	1	1	0.00	2.34	0
CO23162	CO23101	4.50	16 1-	4ACSR	0	0	915	161	60	8	6	0.09	2.43	9
CO23161	CO23162	4.54	16 1-	4ACSR	0	0	905	161	59	8	6	0.01	2.45	0
CO23159	CO23161	4.67	15 1-	4ACSR	0	0	868	160	57	7	6	0.05	2.49	4
OC878077373	CO23159	4.67	14 1-	20 N FUSE	0	0	868	160	56	7	38	0.00	2.49	0
CO23160	OC878077373	4.75	14 1-	4ACSR	0	0	845	159	56	7	5	0.03	2.52	3
CO23103	CO23160	4.83	14 1-	4ACSR	0	0	826	158	56	7	5	0.03	2.55	2
CO845645207	CO23103	4.88	14 1-	4ACSR	0	0	814	158	56	7	5	0.02	2.56	0
CO1779354015	CO845645207	5.06	14 1-	4ACSR	0	0	774	156	56	7	5	0.06	2.63	6
CO23128	CO1779354015	5.22	14 1-	4ACSR	0	0	740	155	56	7	5	0.05	2.68	5
CO23164	CO23128	5.29	13 1-	4ACSR	0	0	725	154	56	7	5	0.02	2.70	0
CO23163	CO23164	5.46	10 1-	4ACSR	0	0	693	153	38	5	4	0.04	2.74	2
CO23129	CO23163	5.55	1 1-	4ACSR	0	0	678	152	1	0	0	0.00	2.74	0
CO23105	CO23163	5.61	8 1-	4ACSR	0	0	667	151	35	4	3	0.03	2.77	0
CO23130	CO23105	5.73	1 1-	4ACSR	0	0	648	150	6	0	1	0.00	2.77	0
CO23106	CO23105	5.73	6 1-	4ACSR	0	0	648	150	25	3	2	0.02	2.79	0
CO23234	CO23106	5.83	1 1-	4ACSR	0	0	632	149	0	0	0	0.00	2.79	0
CO23233	CO23234	5.94	0 1-	4ACSR	0	0	617	149	0	0	0	0.00	2.79	0
CO23107	CO23106	5.83	5 1-	4ACSR	0	0	632	149	25	3	2	0.02	2.81	0
CO23270	CO23107	6.16	4 1-	4ACSR	0	0	586	147	25	3	2	0.05	2.85	0
CO23261	CO23270	6.21	3 1-	4ACSR	0	0	579	146	21	2	2	0.01	2.86	0
CO23134	CO23261	6.27	2 1-	4ACSR	0	0	572	146	12	1	1	0.00	2.86	0
CO23178	CO23261	6.25	1 1-	4ACSR	0	0	574	146	9	1	1	0.00	2.86	0
CO-371329118	CO23178	6.30	0 1-	4ACSR	0	0	569	146	0	0	0	0.00	2.86	0
CO26951049	CO-371329118	6.36	0 1-	4ACSR	0	0	562	145	0	0	0	0.00	2.86	0
CO23131	CO23107	5.89	1 1-	4ACSR	0	0	623	149	0	0	0	0.00	2.81	0
CO-521739218	CO845645207	4.91	0 1-	4ACSR	0	0	808	158	0	0	0	0.00	2.56	0
CO23126	CO23160	4.80	0 1-	4ACSR	0	0	833	158	0	0	0	0.00	2.52	0
CO1246845140	CO-969913368	4.10	4 3-	1/0ACSR	1413	1320	1049	165	168	7	3	0.01	2.26	0
CO-359398303	CO1246845140	4.14	1 3-	1/0ACSR	1401	1310	1040	165	153	6	3	0.00	2.27	0
CO-360110062	CO-359398303	4.15	1 3-	1/0ACSR	1396	1305	1035	165	153	6	3	0.00	2.27	0
210112005	CO-360110062	4.15	1 3-	Consumer	1396	1305	1035	165	153	6	0	0.00	2.27	0
CO-1106469593	CO1246845140	4.15	0 1-	2ACSR	0	0	1034	165	0	0	0	0.00	2.26	0
CO23228	CO1246845140	4.23	2 1-	4ACSR	0	0	1003	164	5	0	0	0.00	2.26	0
CO23229	CO23228	4.30	1 1-	4ACSR	0	0	978	163	0	0	0	0.00	2.26	0
CO23152	CO1246845140	4.16	1 1-	2ACSR	0	0	1031	165	10	1	1	0.00	2.26	0
CO-949620761	CO22820	2.88	1 1-	4ACSR	0	0	1476	171	7	0	1	0.00	2.03	0
CO22861	CO-949620761	2.93	1 1-	4ACSR	0	0	1439	171	7	0	1	0.00	2.03	0
CO22860	CO22861	2.99	1 1-	4ACSR	0	0	1402	170	7	0	1	0.00	2.03	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22862	CO22860	3.05	1 1-	4ACSR	0	0	1362	169	7	0	1	0.00	2.03	0
CO22859	CO22862	3.14	1 1-	4ACSR	0	0	1309	168	7	0	1	0.00	2.04	0
CO22811	CO22817	2.76	268 3-	4/0ACSR	2020	1871	1540	172	1323	60	18	0.07	2.05	119
OC-176889844	CO22811	2.76	267 3-	20 N FUSE	2020	1871	1540	172	1321	60	301	0.00	2.05	0
CO22818	OC-176889844	2.86	267 3-	4/0ACSR	1972	1825	1499	172	1321	60	18	0.06	2.11	104
CO22819	CO22818	3.01	267 3-	4/0ACSR	1904	1762	1441	171	1321	60	18	0.09	2.19	153
CO22744	CO22819	3.10	267 3-	4/0ACSR	1865	1726	1408	171	1320	60	18	0.05	2.25	94
CO22745	CO22744	3.23	267 3-	4/0ACSR	1809	1675	1362	171	1319	60	18	0.08	2.32	140
CO22883	CO22745	3.24	63 1-	4ACSR	0	0	1358	171	253	34	25	0.01	2.33	4
OC698	CO22883	3.24	63 1-	50 L OCR	0	0	1358	171	253	34	0	0.00	2.33	0
CO22884	OC698	3.35	63 1-	4ACSR	0	0	1297	170	253	34	25	0.17	2.50	69
CO22827	CO22884	3.48	62 1-	4ACSR	0	0	1229	168	247	33	24	0.20	2.70	80
CO22828	CO22827	3.65	62 1-	4ACSR	0	0	1149	166	247	33	24	0.26	2.96	105
CO22767	CO22828	3.75	1 1-	4ACSR	0	0	1108	165	0	0	0	0.00	2.96	0
CO22829	CO22828	3.99	61 1-	4ACSR	0	0	1012	163	246	33	24	0.52	3.48	209
CO22885	CO22829	4.23	61 1-	4ACSR	0	0	933	161	246	33	24	0.35	3.84	142
CO22832	CO22885	4.29	60 1-	4ACSR	0	0	913	160	241	33	24	0.09	3.93	37
CO1683754522	CO22832	4.38	59 1-	4ACSR	0	0	885	159	225	31	22	0.13	4.06	48
OC-258606013	CO1683754522	4.38	59 1-	20 N FUSE	0	0	885	159	225	31	156	0.00	4.06	0
CO765392547	OC-258606013	5.39	2 1-	2ACSR	0	0	703	153	7	0	1	0.02	4.08	0
OC-1068439364	CO765392547	5.39	0 1-	20 N FUSE	0	0	703	153	0	0	0	0.00	4.08	0
CO-486581547	OC-258606013	4.47	57 1-	4ACSR	0	0	861	158	217	30	22	0.12	4.18	43
CO22831	CO-486581547	4.56	57 1-	4ACSR	0	0	838	158	217	30	22	0.12	4.30	41
CO22771	CO22831	4.59	1 1-	4ACSR	0	0	831	157	10	1	1	0.00	4.30	0
CO22835	CO22831	4.69	56 1-	4ACSR	0	0	805	156	207	28	21	0.17	4.46	57
CO22834	CO22835	4.73	55 1-	4ACSR	0	0	796	156	203	28	20	0.05	4.51	16
OC989053862	CO22834	4.73	53 1-	20 N FUSE	0	0	796	156	199	27	138	0.00	4.51	0
CO22866	OC989053862	4.81	5 1-	4ACSR	0	0	778	155	17	2	2	0.01	4.52	0
OC-500684524	CO22866	4.81	3 1-	20 N FUSE	0	0	778	155	9	1	6	0.00	4.52	0
CO22865	OC-500684524	4.90	3 1-	4ACSR	0	0	757	154	9	1	1	0.00	4.52	0
CO22864	CO22865	4.96	2 1-	4ACSR	0	0	744	154	7	0	1	0.00	4.53	0
CO22748	OC989053862	4.83	48 1-	4ACSR	0	0	773	155	182	25	18	0.11	4.63	34
CO22749	CO22748	4.93	47 1-	4ACSR	0	0	750	154	178	24	18	0.12	4.74	35
CO22774	CO22749	5.11	3 1-	4ACSR	0	0	715	153	8	1	1	0.00	4.75	0
CO22773	CO22749	5.09	0 1-	4ACSR	0	0	718	153	0	0	0	0.00	4.74	0
CO22750	CO22749	5.00	43 1-	4ACSR	0	0	737	154	165	23	16	0.06	4.81	17
CO22837	CO22750	5.01	41 1-	4ACSR	0	0	734	154	159	22	16	0.02	4.82	4
CO22836	CO22837	5.22	40 1-	4ACSR	0	0	693	152	156	21	16	0.20	5.03	53
CO22776	CO22836	5.32	2 1-	4ACSR	0	0	676	151	8	1	1	0.00	5.03	0
CO22751	CO22836	5.29	38 1-	4ACSR	0	0	681	151	147	20	15	0.06	5.09	16
CO22752	CO22751	5.46	38 1-	4ACSR	0	0	652	150	147	20	15	0.16	5.25	39
CO22839	CO22752	5.59	11 1-	4ACSR	0	0	632	149	40	5	4	0.03	5.28	0
OC-524800411	CO22839	5.59	10 1-	20 N FUSE	0	0	632	149	37	5	26	0.00	5.28	0
CO22838	OC-524800411	5.63	10 1-	4ACSR	0	0	626	148	37	5	4	0.01	5.29	0
CO22778	CO22838	5.72	1 1-	4ACSR	0	0	613	148	7	0	1	0.00	5.29	0
CO22841	CO22838	5.70	9 1-	4ACSR	0	0	615	148	31	4	3	0.01	5.30	0
CO22840	CO22841	5.92	8 1-	4ACSR	0	0	586	146	24	3	2	0.03	5.34	0
CO22753	CO22840	6.54	6 1-	4ACSR	0	0	513	141	18	2	2	0.07	5.41	0
CO22754	CO22753	6.75	6 1-	4ACSR	0	0	493	140	18	2	2	0.02	5.43	0
CO22869	CO22754	6.85	4 1-	4ACSR	0	0	484	139	9	1	1	0.01	5.43	0
CO22870	CO22869	6.92	3 1-	4ACSR	0	0	477	138	9	1	1	0.00	5.44	0
CO22868	CO22870	6.97	1 1-	4ACSR	0	0	473	138	3	0	0	0.00	5.44	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22867	CO22868	7.04	1 1-	4ACSR	0	0	467	137	3	0	0	0.00	5.44	0
CO22871	CO22867	7.11	1 1-	4ACSR	0	0	461	137	3	0	0	0.00	5.44	0
CO22780	CO22754	6.94	2 1-	4ACSR	0	0	475	138	9	1	1	0.01	5.43	0
CO22843	CO22753	6.88	0 1-	4ACSR	0	0	480	139	0	0	0	0.00	5.41	0
CO22842	CO22843	7.05	0 1-	4ACSR	0	0	466	137	0	0	0	0.00	5.41	0
CO22844	CO22842	7.21	0 1-	4ACSR	0	0	453	136	0	0	0	0.00	5.41	0
CO22779	CO22840	6.01	2 1-	4ACSR	0	0	574	145	6	0	1	0.00	5.34	0
CO22755	CO22752	5.56	27 1-	4ACSR	0	0	637	149	106	14	11	0.06	5.31	11
CO22782	CO22755	5.65	1 1-	4ACSR	0	0	623	148	3	0	0	0.00	5.32	0
CO22781	CO22755	5.61	1 1-	4ACSR	0	0	629	148	1	0	0	0.00	5.31	0
CO22845	CO22755	5.58	25 1-	4ACSR	0	0	634	149	102	14	10	0.01	5.33	2
CO22847	CO22845	5.61	24 1-	4ACSR	0	0	629	148	91	12	9	0.02	5.35	3
CO22846	CO22847	5.78	23 1-	4ACSR	0	0	605	147	89	12	9	0.09	5.44	14
CO22873	CO22846	5.86	1 1-	4ACSR	0	0	593	146	3	0	0	0.00	5.44	0
CO22783	CO22873	5.91	1 1-	4ACSR	0	0	587	146	3	0	0	0.00	5.44	0
CO22872	CO22873	5.95	0 1-	4ACSR	0	0	582	146	0	0	0	0.00	5.44	0
CO22849	CO22846	5.85	22 1-	4ACSR	0	0	595	147	86	12	9	0.04	5.48	5
CO22848	CO22849	5.97	22 1-	4ACSR	0	0	579	146	86	12	9	0.07	5.54	10
CO22874	CO22848	6.06	2 1-	4ACSR	0	0	567	145	5	0	1	0.00	5.55	0
CO22875	CO22874	6.14	1 1-	4ACSR	0	0	558	144	5	0	1	0.00	5.55	0
CO22851	CO22848	5.99	20 1-	4ACSR	0	0	577	145	81	11	8	0.01	5.55	0
CO22850	CO22851	6.20	20 1-	4ACSR	0	0	551	144	81	11	8	0.11	5.66	14
CO22852	CO22850	6.31	20 1-	4ACSR	0	0	538	143	81	11	8	0.06	5.71	8
CO22756	CO22852	6.44	19 1-	4ACSR	0	0	523	142	74	10	7	0.06	5.78	8
CO23698	CO22756	6.70	16 1-	4ACSR	0	0	498	140	72	10	7	0.12	5.90	14
CO22553	CO23698	6.90	12 1-	4ACSR	0	0	479	138	60	8	6	0.07	5.97	7
CO22556	CO22553	6.95	5 1-	4ACSR	0	0	474	138	8	1	1	0.00	5.97	0
CO22727	CO22556	6.96	4 1-	4ACSR	0	0	474	138	7	1	1	0.00	5.97	0
OC684	CO22727	6.96	4 1-	15 H OCR	0	0	474	138	7	1	7	0.00	5.97	0
CO22728	OC684	7.05	4 1-	4ACSR	0	0	466	137	7	1	1	0.00	5.98	0
CO22718	CO22728	7.18	3 1-	4ACSR	0	0	455	136	7	1	1	0.01	5.98	0
CO22719	CO22718	7.53	3 1-	4ACSR	0	0	429	134	7	1	1	0.02	6.00	0
CO22720	CO22719	7.57	3 1-	4ACSR	0	0	426	134	7	1	1	0.00	6.00	0
CO22721	CO22720	7.67	3 1-	4ACSR	0	0	419	133	7	1	1	0.00	6.01	0
CO22722	CO22721	7.72	3 1-	4ACSR	0	0	415	133	7	1	1	0.00	6.01	0
CO22573	CO22722	7.77	1 1-	4ACSR	0	0	412	132	0	0	0	0.00	6.01	0
CO22723	CO22722	7.84	1 1-	4ACSR	0	0	407	132	5	0	0	0.00	6.01	0
CO22724	CO22723	7.96	1 1-	4ACSR	0	0	400	131	5	0	0	0.00	6.01	0
CO22574	CO22556	6.99	1 1-	4ACSR	0	0	471	138	1	0	0	0.00	5.97	0
CO22554	CO22553	7.07	7 1-	4ACSR	0	0	464	137	51	7	5	0.06	6.03	5
CO22714	CO22554	7.11	4 1-	4ACSR	0	0	461	137	29	4	3	0.01	6.03	0
CO22715	CO22714	7.25	4 1-	4ACSR	0	0	450	136	29	4	3	0.02	6.05	0
CO22713	CO22715	7.29	3 1-	4ACSR	0	0	447	136	16	2	2	0.00	6.06	0
CO22555	CO22713	7.40	3 1-	4ACSR	0	0	438	135	16	2	2	0.01	6.07	0
CO22577	CO22555	7.52	0 1-	4ACSR	0	0	429	134	0	0	0	0.00	6.07	0
CO22711	CO22555	7.43	3 1-	4ACSR	0	0	436	135	16	2	2	0.00	6.07	0
CO22712	CO22711	7.55	3 1-	4ACSR	0	0	427	134	16	2	2	0.01	6.08	0
CO-928653193	CO22712	7.70	2 1-	2ACSR	0	0	419	133	12	1	1	0.01	6.09	0
CO-845775053	CO-928653193	7.74	1 1-	2ACSR	0	0	417	133	9	1	1	0.00	6.09	0
CO-243526851	CO-928653193	7.80	1 1-	2ACSR	0	0	414	133	3	0	0	0.00	6.09	0
CO21890	CO-243526851	7.98	1 1-	4ACSR	0	0	402	132	3	0	0	0.00	6.09	0
CO21891	CO21890	8.06	0 1-	4ACSR	0	0	397	131	0	0	0	0.00	6.09	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21892	CO21891	8.13	0 1-	4ACSR	0	0	393	131	0	0	0	0.00	6.09	0
CO22578	CO22712	7.61	1 1-	4ACSR	0	0	423	133	4	0	0	0.00	6.08	0
CO22596	CO22711	7.50	0 1-	2ACSR	0	0	432	134	0	0	0	0.00	6.07	0
CO22576	CO22554	7.13	1 1-	4ACSR	0	0	459	137	10	1	1	0.00	6.03	0
CO22575	CO22554	7.13	2 1-	4ACSR	0	0	459	137	12	1	1	0.00	6.03	0
CO22716	CO23698	6.85	4 1-	4ACSR	0	0	484	139	12	1	1	0.01	5.90	0
CO22717	CO22716	6.92	1 1-	4ACSR	0	0	478	138	3	0	0	0.00	5.90	0
CO22877	CO22756	6.56	3 1-	4/0ACSR	0	0	518	142	2	0	0	0.00	5.78	0
CO22786	CO22877	6.63	1 1-	4/0ACSR	0	0	515	141	1	0	0	0.00	5.78	0
CO22876	CO22877	6.60	2 1-	4/0ACSR	0	0	516	141	1	0	0	0.00	5.78	0
CO22784	CO22852	6.36	1 1-	4ACSR	0	0	532	142	6	0	1	0.00	5.72	0
CO22777	CO22751	5.40	0 1-	4ACSR	0	0	663	150	0	0	0	0.00	5.09	0
CO22775	CO22750	5.08	2 1-	4ACSR	0	0	720	153	6	0	1	0.00	4.81	0
CO22772	CO22748	4.87	1 1-	4ACSR	0	0	763	155	4	0	0	0.00	4.63	0
CO22825	CO22745	3.28	204 3-	4/0ACSR	1790	1657	1346	171	1066	48	14	0.02	2.35	33
CO22824	CO22825	3.60	204 3-	4/0ACSR	1672	1548	1248	170	1066	48	14	0.15	2.50	216
OC-374486693	CO22824	3.60	203 3-	20 N FUSE	1672	1548	1248	170	1051	48	240	0.00	2.50	0
CO22826	OC-374486693	3.65	203 3-	4/0ACSR	1657	1534	1236	170	1051	48	14	0.02	2.52	29
CO22768	CO22826	3.69	0 1-	4ACSR	0	0	1214	169	0	0	0	0.00	2.52	0
OC-269789067	CO22768	3.69	0 1-	20 N FUSE	0	0	1214	169	0	0	0	0.00	2.52	0
CO22746	CO22826	3.70	203 3-	4/0ACSR	1638	1516	1220	169	1051	48	14	0.03	2.54	39
CO-1761758658	CO22746	3.76	1 1-	2ACSR	0	0	1199	169	0	0	0	0.00	2.54	0
OC-2116256631	CO-1761758658	3.76	0 1-	20 N FUSE	0	0	1199	169	0	0	0	0.00	2.54	0
CO22769	CO22746	3.82	1 1-	4ACSR	0	0	1169	168	3	0	0	0.00	2.55	0
OC-1917715669	CO22769	3.82	0 1-	20 N FUSE	0	0	1169	168	0	0	0	0.00	2.55	0
CO23680	CO22746	3.91	201 3-	4/0ACSR	1571	1454	1166	169	1048	47	14	0.10	2.64	139
CO23156	CO23680	4.02	201 3-	4/0ACSR	1538	1424	1139	168	1047	47	14	0.05	2.69	72
CO23682	CO23156	4.22	2 1-	4ACSR	0	0	1064	166	2	0	0	0.00	2.69	0
OC291128154	CO23682	4.22	2 1-	20 N FUSE	0	0	1064	166	2	0	1	0.00	2.69	0
CO23683	OC291128154	4.28	2 1-	4ACSR	0	0	1043	166	2	0	0	0.00	2.69	0
CO22785	OC291128154	4.49	0 1-	4ACSR	0	0	970	164	0	0	0	0.00	2.69	0
CO23179	CO23156	4.27	199 3-	4/0ACSR	1470	1360	1084	168	1045	47	14	0.11	2.81	162
CO23180	CO23179	4.29	199 3-	4/0ACSR	1465	1356	1080	168	1044	47	14	0.01	2.81	13
CO23185	CO23180	4.31	199 3-	4/0ACSR	1460	1351	1076	168	1044	47	14	0.01	2.82	13
CO23184	CO23185	4.36	198 3-	4/0ACSR	1445	1338	1065	167	1043	47	14	0.02	2.85	35
CO23181	CO23184	4.40	197 3-	4/0ACSR	1436	1330	1057	167	1032	47	14	0.02	2.86	23
CO23183	CO23181	4.42	196 3-	4/0ACSR	1431	1324	1053	167	1032	47	14	0.01	2.87	15
CO23182	CO23183	4.53	195 3-	4/0ACSR	1402	1298	1030	167	1031	47	14	0.05	2.93	74
CO23235	CO23182	4.65	2 1-	4ACSR	0	0	994	166	11	1	1	0.01	2.94	0
OC-1716965119	CO23235	4.65	2 1-	20 N FUSE	0	0	994	166	11	1	8	0.00	2.94	0
CO23237	OC-1716965119	4.80	2 1-	4ACSR	0	0	945	164	11	1	1	0.01	2.94	0
CO23236	CO23237	4.87	1 1-	4ACSR	0	0	927	164	0	0	0	0.00	2.94	0
CO23186	CO23182	4.75	191 3-	4/0ACSR	1352	1252	991	166	1016	46	14	0.09	3.02	130
CO23188	CO23186	4.78	189 3-	4/0ACSR	1344	1244	984	166	994	45	13	0.02	3.04	23
CO23187	CO23188	5.08	189 3-	4/0ACSR	1282	1186	935	165	994	45	13	0.13	3.17	175
CO23110	CO23187	5.17	107 3-	4/0ACSR	1263	1169	920	165	534	24	7	0.02	3.19	16
CO23138	CO23110	5.23	0 1-	4ACSR	0	0	906	165	0	0	0	0.00	3.19	0
CO23137	CO23110	5.22	2 1-	4ACSR	0	0	908	165	4	0	0	0.00	3.19	0
OC813307289	CO23137	5.22	0 1-	20 N FUSE	0	0	908	165	0	0	0	0.00	3.19	0
CO23203	CO23110	5.23	105 3-	4/0ACSR	1250	1158	911	165	530	24	7	0.01	3.20	11
CO23205	CO23203	5.30	104 3-	4/0ACSR	1237	1145	900	165	530	24	7	0.02	3.22	12
CO23204	CO23205	5.41	104 3-	4/0ACSR	1218	1128	886	164	530	24	7	0.02	3.24	17

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23202	CO23204	5.46	103 3-	4/0ACSR	1209	1119	879	164	522	23	7	0.01	3.25	8
CO23111	CO23202	5.62	101 3-	4/0ACSR	1181	1093	857	164	522	23	7	0.04	3.29	27
CO23206	CO23111	5.88	100 3-	4/0ACSR	1137	1052	823	163	522	23	7	0.06	3.35	44
CO23208	CO23206	6.01	100 3-	4/0ACSR	1116	1033	807	163	521	23	7	0.03	3.38	22
CO23207	CO23208	6.08	100 3-	4/0ACSR	1105	1024	799	163	521	23	7	0.02	3.40	11
CO23141	CO23207	6.16	1 1-	4ACSR	0	0	783	162	14	1	1	0.00	3.40	0
OC952034879	CO23141	6.16	0 1-	20 N FUSE	0	0	783	162	0	0	0	0.00	3.40	0
CO23112	CO23207	6.24	99 3-	4/0ACSR	1083	1002	781	162	507	23	7	0.03	3.43	24
CO788384884	CO23112	6.28	66 3-	1/0ACSR	1074	995	775	162	371	17	7	0.01	3.44	7
CO-1968675454	CO788384884	6.38	5 3-	1/0ACSR	1056	978	761	161	29	1	1	0.00	3.45	0
CO23266	CO-1968675454	6.50	3 1-	4ACSR	0	0	739	160	24	3	2	0.02	3.47	0
CO23267	CO23266	6.51	3 1-	4ACSR	0	0	738	160	24	3	2	0.00	3.47	0
CO23124	CO23267	6.55	3 1-	4ACSR	0	0	730	160	24	3	2	0.01	3.47	0
CO23176	CO23124	6.63	2 1-	4ACSR	0	0	718	159	12	1	1	0.01	3.48	0
CO23175	CO23176	6.72	2 1-	4ACSR	0	0	702	158	12	1	1	0.00	3.48	0
CO1028861211	CO23175	6.75	0 1-	4ACSR	0	0	698	158	0	0	0	0.00	3.48	0
CO23133	CO23124	6.64	1 1-	4ACSR	0	0	716	159	13	1	1	0.00	3.48	0
CO23114	CO-1968675454	6.42	2 1-	4ACSR	0	0	754	161	5	0	0	0.00	3.45	0
CO23268	CO23114	6.43	2 1-	4ACSR	0	0	753	161	5	0	0	0.00	3.45	0
OC703	CO23268	6.43	2 1-	50 H OCR	0	0	753	161	5	0	1	0.00	3.45	0
CO23269	OC703	6.61	2 1-	4ACSR	0	0	721	159	5	0	0	0.01	3.45	0
CO23221	CO23269	6.76	2 1-	4ACSR	0	0	696	158	5	0	0	0.00	3.46	0
CO23217	CO23221	6.91	1 1-	4ACSR	0	0	672	156	1	0	0	0.00	3.46	0
OC1944703631	CO23217	6.91	1 1-	20 N FUSE	0	0	672	156	1	0	1	0.00	3.46	0
CO23220	OC1944703631	6.97	1 1-	4ACSR	0	0	662	156	1	0	0	0.00	3.46	0
CO23218	CO23220	7.04	1 1-	4ACSR	0	0	652	155	1	0	0	0.00	3.46	0
CO23219	CO23218	7.14	1 1-	4ACSR	0	0	639	154	1	0	0	0.00	3.46	0
CO23664	CO23219	7.24	1 1-	4ACSR	0	0	624	153	1	0	0	0.00	3.46	0
CO-1197836154	CO788384884	6.40	61 3-	1/0ACSR	1052	975	759	161	342	15	7	0.03	3.48	18
CO1858028701	CO-1197836154	7.14	61 3-	1/0ACSR	936	870	673	158	342	15	7	0.20	3.68	105
CO23512	CO1858028701	7.20	2 1-	4ACSR	0	0	665	157	9	1	1	0.00	3.68	0
OC725022113	CO23512	7.20	0 1-	20 N FUSE	0	0	665	157	0	0	0	0.00	3.68	0
CO-1254008844	CO1858028701	7.59	59 3-	1/0ACSR	876	816	630	156	332	15	7	0.12	3.79	60
CO-1838363289	CO-1254008844	8.24	57 3-	1/0ACSR	801	748	575	153	323	14	6	0.17	3.96	84
CO1514433892	CO-1838363289	8.34	56 3-	1/0ACSR	790	738	567	152	315	14	6	0.03	3.98	12
CO-1417101679	CO1514433892	8.36	19 1-	4ACSR	0	0	566	152	95	13	9	0.01	3.99	0
CO23591	CO-1417101679	8.36	19 1-	4ACSR	0	0	565	152	95	13	9	0.00	4.00	0
OC713	CO23591	8.36	19 1-	25 H OCR	0	0	565	152	95	13	53	0.00	4.00	0
CO23593	OC713	8.37	19 1-	4ACSR	0	0	564	152	95	13	9	0.00	4.00	0
CO23594	CO23593	8.43	19 1-	4ACSR	0	0	557	152	95	13	9	0.04	4.04	6
CO23540	CO23594	8.47	18 1-	4ACSR	0	0	553	151	94	13	9	0.02	4.06	3
CO23541	CO23540	8.53	17 1-	4ACSR	0	0	548	151	87	12	9	0.03	4.09	4
CO23507	CO23541	8.78	16 1-	4ACSR	0	0	522	149	85	11	8	0.14	4.22	19
CO23565	CO23507	8.84	14 1-	4ACSR	0	0	517	148	77	10	8	0.02	4.25	3
CO-1627428483	CO23565	8.89	14 1-	2ACSR	0	0	513	148	77	10	6	0.02	4.27	2
CO490266635	CO-1627428483	9.19	13 1-	2ACSR	0	0	492	146	77	10	6	0.10	4.36	12
CO23584	CO490266635	9.36	0 1-	4ACSR	0	0	478	145	0	0	0	0.00	4.36	0
CO23585	CO23584	9.64	0 1-	4ACSR	0	0	456	142	0	0	0	0.00	4.36	0
CO23586	CO23585	9.81	0 1-	4ACSR	0	0	443	141	0	0	0	0.00	4.36	0
CO23576	CO490266635	9.23	13 1-	4ACSR	0	0	489	146	77	10	8	0.02	4.38	3
CO23577	CO23576	9.29	13 1-	4ACSR	0	0	483	145	77	10	8	0.03	4.41	4
CO23578	CO23577	9.37	13 1-	4ACSR	0	0	477	145	77	10	8	0.04	4.45	5

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23579	CO23578	9.41	13 1-	4ACSR	0	0	474	144	77	10	8	0.02	4.47	2
CO23580	CO23579	9.68	13 1-	4ACSR	0	0	453	142	77	10	8	0.13	4.60	16
OC1293305490	CO23580	9.68	13 1-	20 N FUSE	0	0	453	142	76	10	53	0.00	4.60	0
CO23587	OC1293305490	9.83	0 1-	4ACSR	0	0	442	141	0	0	0	0.00	4.60	0
CO23588	CO23587	10.08	0 1-	4ACSR	0	0	425	139	0	0	0	0.00	4.60	0
CO23581	OC1293305490	9.77	13 1-	4ACSR	0	0	446	141	76	10	8	0.04	4.64	5
CO23582	CO23581	9.79	12 1-	4ACSR	0	0	445	141	63	8	6	0.01	4.65	0
CO23550	CO23582	9.89	1 1-	4ACSR	0	0	438	141	4	0	0	0.00	4.65	0
CO23551	CO23550	10.05	1 1-	4ACSR	0	0	427	139	4	0	0	0.00	4.65	0
CO23583	CO23582	10.07	11 1-	4ACSR	0	0	426	139	59	8	6	0.09	4.74	9
CO23667	CO23583	10.16	9 1-	4ACSR	0	0	420	139	47	6	5	0.03	4.77	0
CO23407	CO23667	10.28	1 1-	4ACSR	0	0	412	138	11	1	1	0.01	4.78	0
CO23471	CO23407	10.51	1 1-	4ACSR	0	0	398	136	11	1	1	0.02	4.79	0
CO23472	CO23471	10.66	1 1-	4ACSR	0	0	390	135	11	1	1	0.01	4.80	0
CO23408	CO23472	10.87	1 1-	4ACSR	0	0	378	133	11	1	1	0.01	4.81	0
CO23405	CO23667	10.27	8 1-	4ACSR	0	0	413	138	36	4	4	0.02	4.79	0
CO23406	CO23405	10.37	8 1-	4ACSR	0	0	407	137	36	4	4	0.02	4.81	0
OC1238481980	CO23406	10.37	8 1-	20 N FUSE	0	0	407	137	36	4	25	0.00	4.81	0
CO23455	OC1238481980	10.41	8 1-	4ACSR	0	0	404	137	36	4	4	0.01	4.82	0
CO23456	CO23455	10.75	8 1-	4ACSR	0	0	385	134	36	4	4	0.07	4.90	4
CO23396	CO23456	10.86	3 1-	4ACSR	0	0	379	134	9	1	1	0.00	4.90	0
CO23473	CO23396	10.94	2 1-	4ACSR	0	0	374	133	3	0	0	0.00	4.90	0
CO23474	CO23473	11.02	2 1-	4ACSR	0	0	370	132	3	0	0	0.00	4.90	0
CO23417	CO23474	11.25	1 1-	4ACSR	0	0	359	131	0	0	0	0.00	4.90	0
CO23500	CO23474	11.03	0 1-	4ACSR	0	0	370	132	0	0	0	0.00	4.90	0
SW712-A	CO23500	11.03	0 1-	Open	0	0	370	132	0	0	0	0.00	4.90	0
CO23379	CO23456	10.96	0 1-	4ACSR	0	0	374	133	0	0	0	0.00	4.90	0
CO23499	CO23379	11.04	0 1-	4ACSR	0	0	369	132	0	0	0	0.00	4.90	0
CO23501	CO23499	11.05	0 1-	4ACSR	0	0	369	132	0	0	0	0.00	4.90	0
SW712-B	CO23501	11.05	0 1-	Open	0	0	369	132	0	0	0	0.00	4.90	0
CO23380	CO23379	11.05	0 1-	4ACSR	0	0	369	132	0	0	0	0.00	4.90	0
CO23436	CO23380	11.18	0 1-	4ACSR	0	0	362	131	0	0	0	0.00	4.90	0
CO23437	CO23436	11.27	0 1-	4ACSR	0	0	358	131	0	0	0	0.00	4.90	0
CO23409	CO23380	11.16	0 1-	4ACSR	0	0	363	131	0	0	0	0.00	4.90	0
CO23410	CO23409	11.30	0 1-	4ACSR	0	0	357	131	0	0	0	0.00	4.90	0
CO23491	CO23410	11.30	0 1-	4ACSR	0	0	356	131	0	0	0	0.00	4.90	0
CO23452	CO23456	10.90	5 1-	4ACSR	0	0	377	133	26	3	3	0.02	4.92	0
CO23453	CO23452	10.95	4 1-	4ACSR	0	0	374	133	16	2	2	0.00	4.92	0
CO23412	CO23453	11.04	3 1-	4ACSR	0	0	369	132	16	2	2	0.01	4.93	0
CO23413	CO23412	11.13	3 1-	4ACSR	0	0	365	132	16	2	2	0.01	4.94	0
CO23381	CO23413	11.22	1 1-	4ACSR	0	0	360	131	0	0	0	0.00	4.94	0
CO23382	CO23381	11.61	0 1-	4ACSR	0	0	342	129	0	0	0	0.00	4.94	0
CO23414	CO23381	11.41	0 1-	4ACSR	0	0	351	130	0	0	0	0.00	4.94	0
CO23415	CO23414	11.55	0 1-	4ACSR	0	0	345	129	0	0	0	0.00	4.94	0
CO23416	CO23415	11.91	0 1-	4ACSR	0	0	329	127	0	0	0	0.00	4.94	0
CO23454	CO23413	11.16	2 1-	4ACSR	0	0	363	131	16	2	2	0.00	4.94	0
CO23438	CO23454	11.19	1 1-	4ACSR	0	0	362	131	8	1	1	0.00	4.94	0
CO879884113	CO-1627428483	8.97	1 1-	2ACSR	0	0	507	147	0	0	0	0.00	4.27	0
CO23558	CO23507	8.86	2 1-	4ACSR	0	0	515	148	8	1	1	0.00	4.23	0
CO23559	CO23558	8.95	1 1-	4ACSR	0	0	507	147	5	0	1	0.00	4.23	0
CO23513	CO23541	8.62	1 1-	4ACSR	0	0	538	150	2	0	0	0.00	4.09	0
CO23548	CO23594	8.52	1 1-	4ACSR	0	0	549	151	1	0	0	0.00	4.04	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC954511739	CO23548	8.52	1 1-	20 N FUSE	0	0	549	151	1	0	1	0.00	4.04	0
CO23549	OC954511739	8.67	1 1-	4ACSR	0	0	533	150	1	0	0	0.00	4.04	0
CO136416879	CO1514433892	8.57	37 3-	1/0ACSR	767	717	551	151	220	10	4	0.04	4.02	14
CO23570	CO136416879	8.61	34 3-	1/0ACSR	764	715	548	151	217	10	4	0.01	4.03	0
OC-215177748	CO23570	8.61	34 3-	20 N FUSE	764	715	548	151	217	10	50	0.00	4.03	0
CO23569	OC-215177748	8.76	34 3-	1/0ACSR	749	701	537	151	217	10	4	0.03	4.06	9
CO23568	CO23569	8.85	33 3-	1/0ACSR	741	694	532	150	216	9	4	0.01	4.07	5
CO23567	CO23568	8.94	33 3-	1/0ACSR	733	687	526	150	216	9	4	0.01	4.08	5
CO23589	CO23567	9.01	32 3-	1/0ACSR	727	681	521	150	215	9	4	0.01	4.10	4
CO23519	CO23589	9.04	31 3-	1/0ACSR	724	678	519	149	204	9	4	0.01	4.10	0
CO23525	CO23519	9.11	4 1-	4ACSR	0	0	513	149	15	2	2	0.00	4.11	0
OC-705885037	CO23525	9.11	0 1-	20 N FUSE	0	0	513	149	0	0	0	0.00	4.11	0
CO23520	CO23519	9.10	27 3-	1/0ACSR	719	673	516	149	189	8	4	0.01	4.11	2
CO23521	CO23520	9.16	24 3-	1/0ACSR	714	669	512	149	179	8	4	0.01	4.12	0
CO23561	CO23521	9.17	24 3-	1/0ACSR	713	668	512	149	179	8	4	0.00	4.12	0
CO23562	CO23561	9.23	22 3-	1/0ACSR	708	664	508	149	174	8	3	0.01	4.13	0
CO23522	CO23562	9.27	19 3-	1/0ACSR	705	661	506	148	168	7	3	0.01	4.13	0
CO1705069226	CO23522	9.54	9 3-	1/0ACSR	683	641	490	147	143	6	3	0.03	4.16	7
CO82528484	CO1705069226	9.57	1 1-	4ACSR	0	0	488	147	3	0	0	0.00	4.16	0
OC1012334834	CO82528484	9.57	1 1-	20 N FUSE	0	0	488	147	3	0	2	0.00	4.16	0
CO23545	OC1012334834	9.76	1 1-	4ACSR	0	0	473	146	3	0	0	0.00	4.17	0
CO2062434146	CO1705069226	9.66	6 3-	1/0ACSR	674	632	483	147	120	5	2	0.01	4.18	2
CO-794426719	CO2062434146	9.87	6 3-	1/0ACSR	659	618	472	146	120	5	2	0.02	4.19	4
CO-1576730245	CO-794426719	9.90	0 1-	2ACSR	0	0	470	146	0	0	0	0.00	4.19	0
OC-1918069583	CO-1576730245	9.90	0 1-	20 N FUSE	0	0	470	146	0	0	0	0.00	4.19	0
CO-1273173802	CO-794426719	9.95	6 3-	1/0ACSR	653	613	468	146	120	5	2	0.01	4.20	0
CO2053793345	CO-1273173802	9.96	0 1-	4ACSR	0	0	467	145	0	0	0	0.00	4.20	0
CO-56310270	CO-1273173802	10.04	6 3-	1/0ACSR	646	607	464	145	120	5	2	0.01	4.21	0
CO493907033	CO-56310270	10.09	0 1-	2ACSR	0	0	461	145	0	0	0	0.00	4.21	0
OC-952858398	CO493907033	10.09	0 1-	20 N FUSE	0	0	461	145	0	0	0	0.00	4.21	0
CO-954626860	CO-56310270	10.59	6 3-	1/0ACSR	610	573	437	143	120	5	2	0.05	4.26	10
CO1604357197	CO-954626860	10.73	3 1-	4ACSR	0	0	429	142	9	1	1	0.01	4.27	0
OC-1435950744	CO1604357197	10.73	3 1-	20 N FUSE	0	0	429	142	9	1	6	0.00	4.27	0
CO23663	OC-1435950744	10.99	1 1-	4ACSR	0	0	413	140	2	0	0	0.00	4.27	0
CO23174	CO23663	11.36	1 1-	4ACSR	0	0	391	137	2	0	0	0.00	4.28	0
CO23173	CO23174	11.46	0 1-	4ACSR	0	0	385	136	0	0	0	0.00	4.28	0
CO23508	OC-1435950744	10.97	2 1-	4ACSR	0	0	414	140	6	0	1	0.00	4.28	0
CO999846545	CO-954626860	10.87	3 3-	1/0ACSR	593	558	425	142	112	5	2	0.02	4.29	4
CO-238976319	CO999846545	10.96	1 1-	2ACSR	0	0	421	141	6	0	0	0.00	4.29	0
OC-347434307	CO-238976319	10.96	1 1-	20 N FUSE	0	0	421	141	6	0	4	0.00	4.29	0
CO359802064	OC-347434307	11.01	1 1-	4ACSR	0	0	418	141	6	0	1	0.00	4.29	0
CO339789460	CO999846545	11.01	2 3-	1/0ACSR	585	550	419	141	106	4	2	0.01	4.30	0
CO-1130694736	CO339789460	11.05	1 3-	1/0ACSR	583	549	418	141	53	2	1	0.00	4.30	0
CO959918776	CO339789460	11.08	1 3-	1/0ACSR	581	547	417	141	53	2	1	0.00	4.30	0
CO311899967	CO959918776	11.50	1 3-	2ACSR	553	522	397	139	53	2	1	0.03	4.33	2
CO-1896965616	CO311899967	11.60	0 3-	2ACSR	546	515	393	138	0	0	0	0.00	4.33	0
CO-2042437091	CO311899967	11.54	1 3-	2ACSR	550	519	395	139	53	2	1	0.00	4.33	0
CO-1707138338	CO-1273173802	10.09	0 1-	4ACSR	0	0	458	144	0	0	0	0.00	4.20	0
OC-1296896098	CO-1707138338	10.09	0 1-	20 N FUSE	0	0	458	144	0	0	0	0.00	4.20	0
CO-638898416	CO2062434146	9.70	0 1-	4ACSR	0	0	480	146	0	0	0	0.00	4.18	0
OC-1288812715	CO-638898416	9.70	0 1-	20 N FUSE	0	0	480	146	0	0	0	0.00	4.18	0
CO1354701879	CO1705069226	9.61	2 1-	4ACSR	0	0	484	147	19	2	2	0.01	4.17	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC755756650	CO1354701879	9.61	1 1-	20 N FUSE	0	0	484	147	19	2	13	0.00	4.17	0
CO23517	OC755756650	9.69	1 1-	4ACSR	0	0	478	146	19	2	2	0.00	4.18	0
CO23523	CO23522	9.53	10 1-	4ACSR	0	0	483	146	25	3	3	0.04	4.17	0
OC518533399	CO23523	9.53	10 1-	20 N FUSE	0	0	483	146	25	3	18	0.00	4.17	0
CO30587	OC518533399	9.57	9 1-	4ACSR	0	0	480	146	17	2	2	0.00	4.18	0
CO30588	CO30587	9.65	9 1-	4ACSR	0	0	474	145	17	2	2	0.01	4.19	0
CO23542	CO30588	9.71	7 1-	4ACSR	0	0	469	145	16	2	2	0.01	4.19	0
CO23543	CO23542	9.90	7 1-	4ACSR	0	0	455	143	16	2	2	0.02	4.21	0
CO23544	CO23543	9.92	7 1-	4ACSR	0	0	453	143	16	2	2	0.00	4.21	0
CO23571	CO23544	10.00	3 1-	4ACSR	0	0	448	142	13	1	1	0.01	4.22	0
CO23572	CO23571	10.06	3 1-	4ACSR	0	0	443	142	13	1	1	0.00	4.22	0
CO23573	CO23572	10.11	3 1-	4ACSR	0	0	440	142	13	1	1	0.00	4.23	0
CO23560	CO23544	10.04	4 1-	4ACSR	0	0	445	142	3	0	0	0.00	4.22	0
CO23590	CO23560	10.06	2 1-	4ACSR	0	0	444	142	3	0	0	0.00	4.22	0
CO23557	CO23590	10.07	2 1-	4ACSR	0	0	443	142	3	0	0	0.00	4.22	0
CO23556	CO23557	10.11	1 1-	4ACSR	0	0	440	142	3	0	0	0.00	4.22	0
CO1609942273	OC518533399	9.55	1 1-	2ACSR	0	0	482	146	8	1	1	0.00	4.17	0
CO23515	CO136416879	8.64	3 1-	2ACSR	0	0	545	151	3	0	0	0.00	4.02	0
OC1725772198	CO23515	8.64	0 1-	20 N FUSE	0	0	545	151	0	0	0	0.00	4.02	0
CO-1778417675	CO-1838363289	8.27	1 1-	2ACSR	0	0	572	153	8	1	1	0.00	3.96	0
CO23516	CO-1778417675	8.32	1 1-	2ACSR	0	0	567	152	8	1	1	0.00	3.96	0
CO775006910	CO-1254008844	7.61	2 1-	2ACSR	0	0	627	156	9	1	1	0.00	3.79	0
OC-571270101	CO775006910	7.61	2 1-	20 N FUSE	0	0	627	156	9	1	6	0.00	3.79	0
CO23518	OC-571270101	7.68	0 1-	4ACSR	0	0	617	155	0	0	0	0.00	3.79	0
CO23553	OC-571270101	7.66	2 1-	4ACSR	0	0	620	155	9	1	1	0.00	3.80	0
CO23554	CO23553	7.70	2 1-	4ACSR	0	0	616	155	9	1	1	0.00	3.80	0
CO23555	CO23554	7.80	1 1-	4ACSR	0	0	603	154	7	0	1	0.00	3.80	0
CO23142	CO23112	6.35	3 1-	4ACSR	0	0	759	161	10	1	1	0.00	3.44	0
OC1564652867	CO23142	6.35	0 1-	20 N FUSE	0	0	759	161	0	0	0	0.00	3.44	0
CO23222	CO23112	6.33	29 1-	2ACSR	0	0	767	161	117	16	9	0.05	3.48	8
CO23224	CO23222	6.41	29 1-	2ACSR	0	0	754	161	117	16	9	0.04	3.52	7
CO23223	CO23224	6.44	28 1-	2ACSR	0	0	749	161	114	15	9	0.02	3.53	3
CO23262	CO23223	6.45	28 1-	2ACSR	0	0	748	161	114	15	9	0.00	3.54	0
OC704	CO23262	6.45	28 1-	35 H OCR	0	0	748	161	114	15	45	0.00	3.54	0
CO23263	OC704	6.54	28 1-	2ACSR	0	0	734	160	114	15	9	0.04	3.58	8
CO23225	CO23263	6.57	28 1-	2ACSR	0	0	730	160	114	15	9	0.02	3.60	3
CO23226	CO23225	6.67	27 1-	2ACSR	0	0	716	159	112	15	9	0.05	3.64	8
CO23117	CO23226	6.75	23 1-	4ACSR	0	0	703	158	90	12	9	0.04	3.69	7
CO23250	CO23117	6.84	1 1-	4ACSR	0	0	688	158	3	0	0	0.00	3.69	0
CO23252	CO23250	6.88	0 1-	4ACSR	0	0	682	157	0	0	0	0.00	3.69	0
CO23251	CO23252	6.92	0 1-	4ACSR	0	0	676	157	0	0	0	0.00	3.69	0
CO23151	CO23251	7.10	0 1-	2ACSR	0	0	653	156	0	0	0	0.00	3.69	0
CO23118	CO23117	6.85	20 1-	4ACSR	0	0	686	157	83	11	8	0.05	3.74	7
CO23144	CO23118	6.95	1 1-	4ACSR	0	0	671	157	4	0	0	0.00	3.74	0
CO23119	CO23118	7.04	18 1-	4ACSR	0	0	658	156	70	9	7	0.08	3.82	9
CO23254	CO23119	7.12	3 1-	4ACSR	0	0	645	155	16	2	2	0.01	3.83	0
CO23155	CO23254	7.16	1 1-	2ACSR	0	0	640	155	7	1	1	0.00	3.83	0
CO23253	CO23254	7.16	2 1-	4ACSR	0	0	640	155	9	1	1	0.00	3.83	0
CO23120	CO23119	7.24	13 1-	4ACSR	0	0	629	154	51	7	5	0.06	3.88	5
CO23122	CO23120	7.34	10 1-	4ACSR	0	0	616	153	48	6	5	0.03	3.91	2
OC916133036	CO23122	7.34	10 1-	20 N FUSE	0	0	616	153	48	6	33	0.00	3.91	0
CO23147	OC916133036	7.38	1 1-	4ACSR	0	0	611	153	5	0	1	0.00	3.91	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23215	OC916133036	7.36	9 1-	4ACSR	0	0	613	153	43	5	4	0.01	3.92	0
CO23214	CO23215	7.37	7 1-	4ACSR	0	0	611	153	32	4	3	0.00	3.92	0
CO23148	CO23214	7.49	1 1-	4ACSR	0	0	596	152	0	0	0	0.00	3.92	0
CO23123	CO23214	7.51	6 1-	4ACSR	0	0	594	152	32	4	3	0.02	3.94	0
CO23260	CO23123	7.54	0 1-	4ACSR	0	0	589	151	0	0	0	0.00	3.94	0
CO23259	CO23260	7.73	0 1-	4ACSR	0	0	567	150	0	0	0	0.00	3.94	0
CO23216	CO23123	7.75	5 1-	4ACSR	0	0	565	149	23	3	2	0.03	3.98	0
CO23666	CO23216	7.79	5 1-	4ACSR	0	0	560	149	23	3	2	0.00	3.98	0
CO23535	CO23666	8.07	3 1-	4ACSR	0	0	531	147	14	1	1	0.01	4.00	0
CO23536	CO23535	8.22	1 1-	4ACSR	0	0	516	146	2	0	0	0.00	4.00	0
CO23537	CO23536	8.37	0 1-	4ACSR	0	0	501	144	0	0	0	0.00	4.00	0
CO23153	CO23215	7.58	1 1-	2ACSR	0	0	591	151	10	1	1	0.00	3.92	0
CO23121	CO23120	7.32	3 1-	4ACSR	0	0	618	153	3	0	0	0.00	3.88	0
CO23211	CO23121	7.39	2 1-	4ACSR	0	0	608	153	2	0	0	0.00	3.89	0
CO23213	CO23211	7.44	1 1-	4ACSR	0	0	602	152	0	0	0	0.00	3.89	0
CO23212	CO23213	7.63	1 1-	4ACSR	0	0	579	150	0	0	0	0.00	3.89	0
CO23256	CO23212	7.69	0 1-	4ACSR	0	0	572	150	0	0	0	0.00	3.89	0
CO23255	CO23256	7.75	0 1-	4ACSR	0	0	565	149	0	0	0	0.00	3.89	0
CO23258	CO23212	7.67	1 1-	4ACSR	0	0	575	150	0	0	0	0.00	3.89	0
CO23257	CO23258	7.69	1 1-	4ACSR	0	0	572	150	0	0	0	0.00	3.89	0
CO23146	CO23121	7.42	1 1-	4ACSR	0	0	605	152	0	0	0	0.00	3.88	0
CO23145	CO23119	7.11	2 1-	4ACSR	0	0	647	155	3	0	0	0.00	3.82	0
CO23143	CO23117	6.80	2 1-	4ACSR	0	0	694	158	4	0	0	0.00	3.69	0
CO23209	CO23226	6.71	4 1-	4ACSR	0	0	709	159	22	3	2	0.01	3.65	0
OC831640407	CO23209	6.71	4 1-	20 N FUSE	0	0	709	159	22	3	15	0.00	3.65	0
CO23210	OC831640407	6.81	4 1-	4ACSR	0	0	693	158	22	3	2	0.01	3.66	0
CO23247	CO23210	6.84	2 1-	4ACSR	0	0	688	158	8	1	1	0.00	3.66	0
CO23249	CO23247	6.89	1 1-	4ACSR	0	0	679	157	0	0	0	0.00	3.66	0
CO23248	CO23249	6.91	0 1-	4ACSR	0	0	676	157	0	0	0	0.00	3.66	0
CO23139	CO23111	5.75	1 1-	4ACSR	0	0	826	163	0	0	0	0.00	3.29	0
OC1193325299	CO23139	5.75	0 1-	20 N FUSE	0	0	826	163	0	0	0	0.00	3.29	0
CO23140	CO23202	5.53	1 1-	4ACSR	0	0	860	164	0	0	0	0.00	3.25	0
OC20962884	CO23140	5.53	0 1-	20 N FUSE	0	0	860	164	0	0	0	0.00	3.25	0
CO23246	CO23202	5.53	1 1-	4ACSR	0	0	861	164	0	0	0	0.00	3.25	0
OC-1115560889	CO23246	5.53	0 1-	20 N FUSE	0	0	861	164	0	0	0	0.00	3.25	0
CO23245	OC-1115560889	5.83	0 1-	4ACSR	0	0	792	161	0	0	0	0.00	3.25	0
CO23109	CO23187	5.24	82 1-	4ACSR	0	0	892	164	459	63	45	0.46	3.63	348
CO23240	CO23109	5.25	7 1-	4ACSR	0	0	888	164	40	5	4	0.00	3.63	0
CO23242	CO23240	5.27	6 1-	4ACSR	0	0	884	163	40	5	4	0.00	3.64	0
CO23135	CO23242	5.33	1 1-	4ACSR	0	0	869	163	2	0	0	0.00	3.64	0
CO23241	CO23242	5.37	2 1-	4ACSR	0	0	858	162	6	0	1	0.00	3.64	0
CO23244	CO23242	5.36	3 1-	4ACSR	0	0	861	163	32	4	3	0.01	3.65	0
CO23243	CO23244	5.40	1 1-	4ACSR	0	0	852	162	8	1	1	0.00	3.65	0
CO23264	CO23109	5.25	75 1-	4ACSR	0	0	890	164	418	57	41	0.02	3.65	12
OC705	CO23264	5.25	75 1-	70 L OCR	0	0	890	164	418	57	83	0.00	3.65	0
CO23265	OC705	5.30	75 1-	4ACSR	0	0	876	163	418	57	41	0.14	3.79	99
CO23195	CO23265	5.32	75 1-	4ACSR	0	0	871	163	417	57	41	0.05	3.85	37
CO23193	CO23195	5.41	74 1-	4ACSR	0	0	849	162	408	56	40	0.22	4.07	149
CO23189	CO23193	5.51	73 1-	4ACSR	0	0	826	161	403	56	40	0.24	4.31	160
CO23191	CO23189	5.58	72 1-	4ACSR	0	0	809	160	400	55	40	0.20	4.51	130
CO23192	CO23191	5.68	72 1-	4ACSR	0	0	789	160	400	55	40	0.23	4.74	152
CO23190	CO23192	5.80	71 1-	4ACSR	0	0	762	158	396	55	40	0.31	5.05	203

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23194	CO23190	5.83	69 1-	4ACSR	0	0	758	158	384	53	38	0.06	5.11	38
CO23198	CO23194	6.01	68 1-	4ACSR	0	0	722	156	381	53	38	0.44	5.55	277
CO23199	CO23198	6.06	67 1-	4ACSR	0	0	714	156	370	52	37	0.10	5.65	61
CO23197	CO23199	6.16	66 1-	4ACSR	0	0	696	155	361	50	36	0.23	5.88	141
CO23154	CO23197	6.19	0 1-	2ACSR	0	0	692	155	0	0	0	0.00	5.88	0
CO23196	CO23197	6.22	64 1-	4ACSR	0	0	685	154	358	50	36	0.15	6.03	88
OC-1718054376	CO23196	6.22	63 1-	20 N FUSE	0	0	685	154	354	49	250	0.00	6.03	0
CO23200	OC-1718054376	6.31	63 1-	4ACSR	0	0	670	154	354	49	36	0.20	6.23	121
CO23239	CO23200	6.37	0 1-	4ACSR	0	0	661	153	0	0	0	0.00	6.23	0
CO23238	CO23239	6.45	0 1-	4ACSR	0	0	649	152	0	0	0	0.00	6.23	0
CO23201	CO23200	6.38	62 1-	4ACSR	0	0	659	153	353	49	36	0.15	6.38	86
CO23694	CO23201	6.57	61 1-	4ACSR	0	0	631	151	348	49	35	0.41	6.79	238
CO22967	CO23694	6.61	60 1-	4ACSR	0	0	625	151	334	47	34	0.08	6.87	45
CO22985	CO22967	6.72	57 1-	4ACSR	0	0	609	150	309	43	31	0.23	7.10	117
CO22986	CO22985	6.91	56 1-	4ACSR	0	0	585	149	299	42	30	0.35	7.44	176
CO22921	CO22986	6.98	1 1-	4ACSR	0	0	575	148	10	1	1	0.00	7.45	0
CO22983	CO22986	7.03	54 1-	4ACSR	0	0	570	148	286	40	29	0.22	7.66	107
CO22984	CO22983	7.15	53 1-	4ACSR	0	0	556	147	285	40	29	0.22	7.89	106
OC1103327543	CO22984	7.15	51 1-	20 N FUSE	0	0	556	147	270	38	193	0.00	7.89	0
CO22982	OC1103327543	7.19	51 1-	4ACSR	0	0	551	146	270	38	28	0.07	7.96	33
CO23684	CO22982	7.29	1 1-	4ACSR	0	0	540	145	9	1	1	0.00	7.96	0
CO22891	CO22982	7.28	50 1-	4ACSR	0	0	541	145	261	37	27	0.14	8.10	64
CO23685	CO22891	7.39	1 1-	4ACSR	0	0	529	145	3	0	0	0.00	8.11	0
CO22978	CO22891	7.33	48 1-	4ACSR	0	0	535	145	248	35	25	0.09	8.19	36
CO22979	CO22978	7.44	46 1-	4ACSR	0	0	524	144	239	34	25	0.16	8.35	67
CO23013	CO22979	7.55	46 1-	4ACSR	0	0	513	143	239	34	25	0.18	8.53	73
CO23014	CO23013	7.59	46 1-	4ACSR	0	0	509	143	239	34	25	0.06	8.59	25
CO22981	CO23014	7.63	45 1-	4ACSR	0	0	505	143	228	32	23	0.05	8.64	19
CO22980	CO22981	7.66	43 1-	4ACSR	0	0	502	142	218	31	22	0.05	8.69	18
CO22922	CO22980	7.82	1 1-	4ACSR	0	0	487	141	6	0	1	0.00	8.69	0
CO22994	CO22980	7.73	42 1-	4ACSR	0	0	496	142	212	30	22	0.09	8.78	32
CO22995	CO22994	7.84	41 1-	4ACSR	0	0	485	141	209	30	22	0.15	8.93	54
CO22958	CO22995	7.86	40 1-	4ACSR	0	0	484	141	200	28	21	0.03	8.96	9
CO22957	CO22958	7.91	39 1-	4ACSR	0	0	480	141	199	28	21	0.05	9.01	19
CO22993	CO22957	7.95	35 1-	4ACSR	0	0	476	140	163	23	17	0.05	9.06	14
CO23087	CO22993	7.98	33 1-	4ACSR	0	0	473	140	158	22	16	0.03	9.09	7
CO23088	CO23087	8.13	30 1-	4ACSR	0	0	461	139	139	20	14	0.13	9.22	31
OC1617453970	CO23088	8.13	27 1-	20 N FUSE	0	0	461	139	128	18	93	0.00	9.22	0
CO22992	OC1617453970	8.28	27 1-	4ACSR	0	0	449	138	128	18	13	0.13	9.35	28
CO22893	CO22992	8.35	27 1-	4ACSR	0	0	444	137	128	18	13	0.06	9.40	12
CO22991	CO22893	8.45	25 1-	4ACSR	0	0	436	137	120	17	12	0.08	9.48	15
CO23085	CO22991	8.46	24 1-	4ACSR	0	0	435	137	113	16	12	0.01	9.49	0
CO23086	CO23085	8.49	2 1-	4ACSR	0	0	433	136	7	0	1	0.00	9.49	0
CO23039	CO23085	8.48	22 1-	4ACSR	0	0	434	136	107	15	11	0.01	9.50	2
CO301519643	CO23039	8.57	22 1-	2ACSR	0	0	429	136	107	15	9	0.04	9.54	7
CO617925667	CO301519643	8.72	22 1-	2ACSR	0	0	421	135	107	15	9	0.07	9.61	12
CO-1225158946	CO617925667	8.77	21 1-	2ACSR	0	0	419	135	98	14	8	0.02	9.63	3
CO22926	CO-1225158946	8.83	21 1-	4ACSR	0	0	414	135	98	14	10	0.04	9.67	7
CO22894	CO22926	9.14	19 1-	4ACSR	0	0	395	132	84	12	9	0.17	9.84	24
CO22565	CO22894	9.17	18 1-	4ACSR	0	0	393	132	74	10	8	0.02	9.86	2
CO22590	CO22565	9.23	1 1-	4ACSR	0	0	390	132	3	0	0	0.00	9.86	0
CO22566	CO22565	9.27	15 1-	4ACSR	0	0	387	132	65	9	7	0.04	9.90	5

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22595	CO22566	9.32	2 1-	4ACSR	0	0	385	131	14	1	1	0.00	9.90	0
CO22649	CO22566	9.32	13 1-	4ACSR	0	0	385	131	51	7	5	0.01	9.91	0
CO22650	CO22649	9.37	12 1-	4ACSR	0	0	381	131	40	5	4	0.01	9.93	0
CO22651	CO22650	9.43	11 1-	4ACSR	0	0	378	131	37	5	4	0.01	9.94	0
CO22652	CO22651	9.45	9 1-	4ACSR	0	0	377	130	35	5	4	0.00	9.95	0
CO22655	CO22652	9.60	5 1-	4ACSR	0	0	369	129	21	3	2	0.01	9.96	0
CO30563	CO22655	9.65	2 1-	4ACSR	0	0	367	129	5	0	1	0.00	9.96	0
CO22592	CO30563	9.72	0 1-	4ACSR	0	0	363	129	0	0	0	0.00	9.96	0
CO22591	CO22652	9.54	4 1-	4ACSR	0	0	372	130	13	1	1	0.00	9.95	0
CO22653	CO22591	9.58	2 1-	4ACSR	0	0	370	130	2	0	0	0.00	9.95	0
CO22654	CO22653	9.61	1 1-	4ACSR	0	0	368	129	0	0	0	0.00	9.95	0
CO22955	CO22894	9.20	1 1-	2ACSR	0	0	392	132	10	1	1	0.00	9.84	0
CO22892	CO22926	8.96	0 1-	4ACSR	0	0	406	134	0	0	0	0.00	9.67	0
CO23848	CO22892	9.00	0 1-	4ACSR	0	0	403	133	0	0	0	0.00	9.67	0
CO23847	CO23848	9.06	0 1-	4ACSR	0	0	400	133	0	0	0	0.00	9.67	0
CO30647	CO23847	9.09	0 1-	4ACSR	0	0	398	133	0	0	0	0.00	9.67	0
CO30648	CO30647	9.09	0 1-	4ACSR	0	0	398	133	0	0	0	0.00	9.67	0
CO23687	CO22892	9.08	0 1-	4ACSR	0	0	399	133	0	0	0	0.00	9.67	0
CO22927	CO22926	8.88	1 1-	4ACSR	0	0	411	134	4	0	0	0.00	9.68	0
CO1175843558	CO301519643	8.67	0 1-	2ACSR	0	0	424	135	0	0	0	0.00	9.54	0
CO22925	CO22893	8.45	2 1-	4ACSR	0	0	436	137	8	1	1	0.00	9.41	0
CO22952	CO23087	8.12	1 1-	2ACSR	0	0	465	139	0	0	0	0.00	9.09	0
CO23006	CO22957	7.95	3 1-	4ACSR	0	0	476	140	31	4	3	0.01	9.02	0
CO23089	CO23006	8.16	3 1-	4ACSR	0	0	459	139	31	4	3	0.04	9.06	2
CO23050	CO23089	8.22	1 1-	2ACSR	0	0	455	138	6	0	0	0.00	9.07	0
CO23051	CO23050	8.26	1 1-	2ACSR	0	0	452	138	6	0	0	0.00	9.07	0
CO23090	CO23089	8.19	2 1-	4ACSR	0	0	456	139	25	3	3	0.00	9.07	0
CO22972	CO23090	8.23	1 1-	4ACSR	0	0	453	138	11	1	1	0.00	9.07	0
CO22924	CO22957	7.98	1 1-	4ACSR	0	0	473	140	5	0	1	0.00	9.01	0
CO22923	CO22957	7.98	0 1-	4ACSR	0	0	473	140	0	0	0	0.00	9.01	0
CO22929	CO22891	7.32	1 1-	4ACSR	0	0	537	145	10	1	1	0.00	8.11	0
CO22968	CO22967	6.66	2 1-	4ACSR	0	0	617	151	16	2	2	0.01	6.88	0
CO22987	CO22968	6.70	2 1-	4ACSR	0	0	612	150	16	2	2	0.00	6.88	0
CO22988	CO22987	6.78	1 1-	4ACSR	0	0	602	150	0	0	0	0.00	6.88	0
CO22969	CO22988	6.85	1 1-	4ACSR	0	0	592	149	0	0	0	0.00	6.88	0
CO22725	CO22969	7.02	1 1-	4ACSR	0	0	571	148	0	0	0	0.00	6.88	0
CO22726	CO22725	7.09	1 1-	4ACSR	0	0	562	147	0	0	0	0.00	6.88	0
CO23136	CO23194	6.02	1 1-	4ACSR	0	0	721	156	3	0	0	0.00	5.11	0
CO23681	CO23680	4.01	0 1-	4ACSR	0	0	1126	168	0	0	0	0.00	2.64	0
OC-157421614	CO23681	4.01	0 1-	20 N FUSE	0	0	1126	168	0	0	0	0.00	2.64	0
CO22766	CO22744	3.18	0 1-	4ACSR	0	0	1363	170	0	0	0	0.00	2.25	0
CO22765	CO22743	2.10	0 1-	4ACSR	0	0	1846	173	0	0	0	0.00	1.53	0
OC-1594467839	CO22765	2.10	0 1-	20 N FUSE	0	0	1846	173	0	0	0	0.00	1.53	0
CO22803	CO22809	1.99	9 3-	4/0ACSR	2496	2314	1961	174	37	1	0	0.00	1.49	0
CO22802	CO22803	2.14	8 3-	4/0ACSR	2390	2215	1866	174	35	1	0	0.00	1.49	0
CO22879	CO22802	2.15	8 1-	4ACSR	0	0	1859	174	35	4	3	0.00	1.50	0
OC696	CO22879	2.15	8 1-	50 L OCR	0	0	1859	174	35	4	0	0.00	1.50	0
CO22880	OC696	2.49	8 1-	4ACSR	0	0	1539	170	35	4	3	0.07	1.57	4
CO22742	CO22880	2.71	3 1-	4ACSR	0	0	1380	168	6	0	1	0.01	1.58	0
CO22763	CO22742	2.77	1 1-	4ACSR	0	0	1340	167	6	0	1	0.00	1.58	0
CO22808	CO22742	3.02	1 1-	4ACSR	0	0	1196	165	0	0	0	0.00	1.58	0
OC866718443	CO22808	3.02	1 1-	20 N FUSE	0	0	1196	165	0	0	0	0.00	1.58	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22807	OC866718443	3.12	1 1-	4ACSR	0	0	1150	164	0	0	0	0.00	1.58	0
CO30521	CO22807	3.26	0 1-	4ACSR	0	0	1085	162	0	0	0	0.00	1.58	0
CO28730	CO30521	3.36	0 1-	4ACSR	0	0	1041	161	0	0	0	0.00	1.58	0
CO28689	CO30521	3.35	0 1-	4ACSR	0	0	1045	161	0	0	0	0.00	1.58	0
CO28690	CO28689	3.45	0 1-	4ACSR	0	0	1008	161	0	0	0	0.00	1.58	0
CO28809	CO28690	3.71	0 1-	4ACSR	0	0	916	158	0	0	0	0.00	1.58	0
CO28810	CO28809	3.84	0 1-	4ACSR	0	0	875	157	0	0	0	0.00	1.58	0
CO30467	CO28810	3.92	0 1-	4ACSR	0	0	854	156	0	0	0	0.00	1.58	0
CO29153	CO30467	3.98	0 1-	4ACSR	0	0	838	156	0	0	0	0.00	1.58	0
CO29154	CO29153	4.03	0 1-	4ACSR	0	0	823	155	0	0	0	0.00	1.58	0
CO28732	CO28690	3.57	0 1-	4ACSR	0	0	964	159	0	0	0	0.00	1.58	0
CO28731	CO28689	3.38	0 1-	4ACSR	0	0	1032	161	0	0	0	0.00	1.58	0
CO22764	CO22807	3.24	0 1-	4ACSR	0	0	1090	162	0	0	0	0.00	1.58	0
CO22747	CO22880	2.52	4 1-	4ACSR	0	0	1521	170	28	3	3	0.00	1.57	0
CO22741	CO22747	2.77	3 1-	4ACSR	0	0	1341	167	25	3	2	0.04	1.61	0
CO22805	CO22741	2.96	2 1-	4ACSR	0	0	1229	165	17	2	2	0.02	1.63	0
CO22806	CO22805	3.12	2 1-	4ACSR	0	0	1147	164	17	2	2	0.01	1.65	0
CO22804	CO22806	3.25	1 1-	4ACSR	0	0	1086	162	10	1	1	0.00	1.65	0
CO22762	CO22741	2.85	1 1-	4ACSR	0	0	1294	166	8	1	1	0.00	1.61	0
CO22770	CO22747	2.64	1 1-	4ACSR	0	0	1432	169	3	0	0	0.00	1.58	0
CO22856	CO22880	2.59	1 1-	4ACSR	0	0	1467	169	1	0	0	0.00	1.57	0
CO22858	CO22856	2.61	1 1-	4ACSR	0	0	1448	169	1	0	0	0.00	1.57	0
CO22761	CO22792	1.49	2 1-	4ACSR	0	0	2370	175	17	2	2	0.00	1.13	0
OC1211168047	CO22761	1.49	0 1-	20 N FUSE	0	0	2370	175	0	0	0	0.00	1.13	0
CO22488	CO22486	0.02	1086 3-	750 MCM - 42 wi	6012	6223	6265	180	5444	245	21	0.01	0.02	31
Tollesboro	CO22488	0.02	1086 3-	560 200WVE	6012	6223	6265	180	5444	245	44	0.00	0.02	0
CO22364	Tollesboro	0.06	1086 3-	4/0ACSR	5864	5996	6026	180	5444	245	72	0.09	0.12	658
CO22365	CO22364	0.20	1086 3-	4/0ACSR	5350	5311	5245	179	5441	245	72	0.36	0.47	2531
CO22366	CO22365	0.24	1086 3-	4/0ACSR	5232	5176	5075	179	5429	245	72	0.09	0.56	646
CO22367	CO22366	0.31	1086 3-	4/0ACSR	5024	4942	4786	179	5426	245	72	0.17	0.73	1198
CO2054737601	CO22367	0.36	0 1-	2ACSR	0	0	4546	179	0	0	0	0.00	0.73	0
OC-1861156253	CO2054737601	0.36	0 1-	20 N FUSE	0	0	4546	179	0	0	0	0.00	0.73	0
CO22046	CO22367	0.36	2 1-	4ACSR	0	0	4516	178	15	2	1	0.00	0.74	0
OC-1372900105	CO22046	0.36	0 1-	20 N FUSE	0	0	4516	178	0	0	0	0.00	0.74	0
CO22148	CO22367	0.66	1054 3-	1/0CU	4178	4015	3697	178	5318	241	78	0.98	1.72	7335
CO22386	CO22148	0.75	1052 3-	1/0CU	4007	3833	3497	177	5278	240	78	0.24	1.96	1806
CO22387	CO22386	0.95	1052 3-	1/0CU	3645	3452	3092	177	5270	240	78	0.58	2.53	4337
CO22161	CO22387	1.10	1026 3-	1/0CU	3428	3227	2860	176	5180	237	77	0.39	2.93	2930
CO22162	CO22161	1.12	1025 3-	1/0CU	3392	3190	2823	176	5158	237	77	0.07	3.00	520
CO22506	CO22162	1.13	119 3-	1/0ACSR	3380	3178	2811	176	664	30	13	0.00	3.00	4
OC671	CO22506	1.13	119 3-	70 L OCR	3380	3178	2811	176	664	30	43	0.00	3.00	0
CO22507	OC671	1.18	119 3-	1/0ACSR	3306	3101	2736	176	664	30	13	0.02	3.03	24
CO22438	CO22507	1.25	119 3-	1/0ACSR	3185	2977	2615	176	664	30	13	0.04	3.06	40
CO22439	CO22438	1.28	119 3-	1/0ACSR	3138	2929	2569	175	664	30	13	0.02	3.08	16
CO22189	CO22439	1.32	117 3-	1/0ACSR	3078	2868	2511	175	657	30	13	0.02	3.10	21
CO21977	CO22189	1.41	2 1-	4ACSR	0	0	2352	174	10	1	1	0.00	3.10	0
OC654316087	CO21977	1.41	0 1-	20 N FUSE	0	0	2352	174	0	0	0	0.00	3.10	0
CO21976	CO22189	1.37	1 1-	4ACSR	0	0	2421	175	6	0	1	0.00	3.10	0
OC395791601	CO21976	1.37	0 1-	20 N FUSE	0	0	2421	175	0	0	0	0.00	3.10	0
CO22075	CO22189	1.36	114 3-	1/0ACSR	3031	2825	2466	175	642	29	13	0.02	3.12	16
CO22074	CO22075	1.42	112 3-	1/0ACSR	2946	2746	2385	175	636	29	13	0.03	3.15	30

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30544	CO22074	1.46	1 1-	4ACSR	0	0	2318	174	3	0	0	0.00	3.15	0
OC778245801	CO30544	1.46	0 1-	20 N FUSE	0	0	2318	174	0	0	0	0.00	3.15	0
CO21978	CO22074	1.48	1 1-	4ACSR	0	0	2270	174	3	0	0	0.00	3.15	0
OC753541253	CO21978	1.48	0 1-	20 N FUSE	0	0	2270	174	0	0	0	0.00	3.15	0
CO22137	CO22074	1.46	110 3-	1/0ACSR	2893	2697	2335	175	630	28	13	0.02	3.17	19
CO-1919219193	CO22137	1.49	2 1-	2ACSR	0	0	2283	174	14	1	1	0.00	3.17	0
OC2090238449	CO-1919219193	1.49	0 1-	20 N FUSE	0	0	2283	174	0	0	0	0.00	3.17	0
CO22136	CO22137	1.49	107 3-	1/0ACSR	2846	2654	2290	174	608	27	12	0.02	3.18	16
CO22060	CO22136	1.61	107 3-	1/0ACSR	2703	2522	2158	174	608	27	12	0.06	3.24	52
CO21938	CO22060	1.68	11 1-	4ACSR	0	0	2065	173	72	9	7	0.02	3.26	3
OC1426360877	CO21938	1.68	9 1-	20 N FUSE	0	0	2065	173	52	7	36	0.00	3.26	0
CO22174	OC1426360877	1.78	9 1-	4ACSR	0	0	1932	172	52	7	5	0.03	3.29	2
CO22175	CO22174	1.83	8 1-	4ACSR	0	0	1872	172	44	6	4	0.01	3.30	0
CO22176	CO22175	1.86	7 1-	4ACSR	0	0	1828	171	27	3	3	0.00	3.31	0
CO22177	CO22176	1.93	4 1-	4ACSR	0	0	1757	170	8	1	1	0.00	3.31	0
CO21951	CO22177	2.08	2 1-	4ACSR	0	0	1605	169	4	0	0	0.00	3.31	0
CO22000	CO21951	2.15	2 1-	4ACSR	0	0	1538	168	4	0	0	0.00	3.31	0
CO21954	CO21951	2.14	0 1-	4ACSR	0	0	1550	168	0	0	0	0.00	3.31	0
CO22508	CO21954	2.15	0 1-	4ACSR	0	0	1544	168	0	0	0	0.00	3.31	0
CO22531	CO22177	1.93	0 1-	4ACSR	0	0	1750	170	0	0	0	0.00	3.31	0
CO22525	CO22060	1.62	0 1-	4ACSR	0	0	2148	174	0	0	0	0.00	3.24	0
SW675-A	CO22525	1.62	0 1-	Open	0	0	2148	174	0	0	0	0.00	3.24	0
CO22172	CO22060	1.64	96 3-	1/0ACSR	2668	2490	2126	174	537	24	11	0.01	3.25	11
CO22173	CO22172	1.67	96 3-	1/0ACSR	2642	2465	2102	174	536	24	11	0.01	3.26	8
CO21979	CO22173	1.73	1 1-	4ACSR	0	0	2013	173	5	0	1	0.00	3.26	0
OC-1830501465	CO21979	1.73	0 1-	20 N FUSE	0	0	2013	173	0	0	0	0.00	3.26	0
CO22303	CO22173	1.76	92 3-	1/0ACSR	2546	2377	2015	173	507	23	10	0.04	3.30	28
CO22472	CO22303	1.78	92 3-	1/0ACSR	2519	2352	1991	173	507	23	10	0.01	3.31	8
CO22471	CO22472	1.81	92 3-	1/0ACSR	2488	2324	1964	173	507	23	10	0.01	3.32	10
CO30561	CO22471	1.88	92 3-	1/0ACSR	2420	2261	1903	172	507	23	10	0.03	3.34	22
CO22422	CO30561	1.92	87 3-	1/0ACSR	2389	2233	1876	172	473	21	9	0.01	3.36	9
CO22421	CO22422	1.99	87 3-	1/0ACSR	2325	2174	1820	172	473	21	9	0.03	3.38	19
CO-1985888271	CO22421	2.03	85 3-	2ACSR	2285	2138	1785	172	447	20	11	0.02	3.40	15
CO1017070327	CO-1985888271	2.11	1 1-	2ACSR	0	0	1717	171	12	1	1	0.00	3.40	0
OC-635809710	CO1017070327	2.11	0 1-	20 N FUSE	0	0	1717	171	0	0	0	0.00	3.40	0
CO1734333221	CO-1985888271	2.08	84 3-	2ACSR	2237	2095	1745	171	435	19	11	0.02	3.43	17
CO22539	CO1734333221	2.15	84 3-	1/0ACSR	2176	2039	1693	171	435	19	9	0.03	3.45	18
CO22468	CO22539	2.18	84 3-	1/0ACSR	2152	2017	1672	171	435	19	9	0.01	3.46	7
CO22470	CO22468	2.22	83 3-	1/0ACSR	2123	1990	1647	171	435	19	9	0.01	3.48	9
CO22469	CO22470	2.29	83 3-	1/0ACSR	2078	1948	1609	170	435	19	9	0.02	3.50	14
CO21998	CO22469	2.36	1 1-	4ACSR	0	0	1549	170	1	0	0	0.00	3.50	0
OC98185114	CO21998	2.36	0 1-	20 N FUSE	0	0	1549	170	0	0	0	0.00	3.50	0
CO22182	CO22469	2.38	51 1-	4ACSR	0	0	1529	169	298	41	29	0.17	3.67	83
OC-648432149	CO22182	2.38	49 1-	20 N FUSE	0	0	1529	169	287	39	198	0.00	3.67	0
CO22183	OC-648432149	2.49	49 1-	4ACSR	0	0	1448	168	287	39	28	0.18	3.85	87
CO21939	CO22183	2.53	47 1-	4ACSR	0	0	1417	168	275	37	27	0.07	3.93	34
CO21982	CO21939	2.61	1 1-	4ACSR	0	0	1365	167	10	1	1	0.00	3.93	0
CO21981	CO21939	2.55	1 1-	4ACSR	0	0	1399	168	10	1	1	0.00	3.93	0
CO22178	CO21939	2.65	45 1-	4ACSR	0	0	1338	167	254	35	25	0.18	4.11	76
CO22179	CO22178	2.75	44 1-	4ACSR	0	0	1272	166	252	34	25	0.16	4.27	67
CO30526	CO22179	2.84	39 1-	4ACSR	0	0	1221	165	201	27	20	0.11	4.38	37
CO28307	CO30526	3.09	15 1-	4ACSR	0	0	1098	162	100	13	10	0.15	4.53	25

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28493	CO28307	3.11	13 1-	4ACSR	0	0	1091	162	90	12	9	0.01	4.54	0
CO28494	CO28493	3.24	13 1-	4ACSR	0	0	1035	161	90	12	9	0.07	4.61	11
CO30527	CO28494	3.29	1 1-	4ACSR	0	0	1014	160	9	1	1	0.00	4.62	0
CO28306	CO28494	3.46	10 1-	4ACSR	0	0	952	159	61	8	6	0.08	4.70	9
CO28347	CO28306	3.54	3 1-	4ACSR	0	0	926	158	18	2	2	0.01	4.71	0
CO-1995072274	CO28347	3.62	2 1-	2ACSR	0	0	906	158	8	1	1	0.00	4.71	0
CO28497	CO28306	3.49	7 1-	4ACSR	0	0	942	158	43	5	4	0.01	4.70	0
CO28498	CO28497	3.57	4 1-	4ACSR	0	0	915	158	24	3	2	0.01	4.72	0
CO22103	CO28498	3.62	3 1-	4ACSR	0	0	900	157	16	2	2	0.00	4.72	0
CO22185	CO22103	3.64	2 1-	4ACSR	0	0	894	157	13	1	1	0.00	4.72	0
CO22186	CO22185	3.68	1 1-	4ACSR	0	0	883	157	5	0	1	0.00	4.72	0
CO22184	CO22186	3.79	0 1-	4ACSR	0	0	852	156	0	0	0	0.00	4.72	0
CO28495	CO28494	3.31	2 1-	4ACSR	0	0	1006	160	20	2	2	0.01	4.62	0
CO28496	CO28495	3.40	1 1-	4ACSR	0	0	973	159	10	1	1	0.01	4.63	0
CO-1483629372	CO28496	3.46	1 1-	2ACSR	0	0	957	159	10	1	1	0.00	4.63	0
CO28489	CO28307	3.17	1 1-	4ACSR	0	0	1062	161	8	1	1	0.00	4.54	0
CO28490	CO28489	3.24	1 1-	4ACSR	0	0	1036	161	8	1	1	0.00	4.54	0
CO28491	CO28490	3.30	1 1-	4ACSR	0	0	1011	160	8	1	1	0.00	4.54	0
CO28492	CO28491	3.37	0 1-	4ACSR	0	0	987	160	0	0	0	0.00	4.54	0
CO28323	CO30526	2.88	3 1-	4ACSR	0	0	1203	164	20	2	2	0.00	4.39	0
CO28488	CO28323	2.91	3 1-	4ACSR	0	0	1187	164	20	2	2	0.00	4.39	0
CO28345	CO28488	2.95	1 1-	4ACSR	0	0	1165	164	9	1	1	0.00	4.39	0
CO28487	CO28488	2.95	2 1-	4ACSR	0	0	1165	164	10	1	1	0.00	4.39	0
CO28586	CO28487	2.98	2 1-	4ACSR	0	0	1148	163	10	1	1	0.00	4.39	0
CO28585	CO28586	2.99	0 1-	4ACSR	0	0	1145	163	0	0	0	0.00	4.39	0
CO28499	CO30526	2.88	19 1-	4ACSR	0	0	1199	164	80	11	8	0.02	4.40	2
CO28500	CO28499	3.03	17 1-	4ACSR	0	0	1128	163	72	9	7	0.06	4.46	7
CO138969700	CO28500	3.16	1 1-	2ACSR	0	0	1080	162	1	0	0	0.00	4.46	0
CO28501	CO28500	3.11	15 1-	4ACSR	0	0	1090	162	66	9	6	0.03	4.49	4
CO28502	CO28501	3.16	12 1-	4ACSR	0	0	1070	162	49	6	5	0.01	4.51	0
CO30525	CO28502	3.21	7 1-	4ACSR	0	0	1046	161	34	4	3	0.01	4.52	0
CO22312	CO30525	3.25	5 1-	4ACSR	0	0	1033	161	21	2	2	0.00	4.52	0
CO22350	CO22312	3.31	3 1-	4ACSR	0	0	1007	160	20	2	2	0.01	4.53	0
CO30524	CO22350	3.48	2 1-	2ACSR	0	0	959	159	16	2	1	0.01	4.54	0
CO28503	CO30524	3.60	2 1-	2ACSR	0	0	927	158	16	2	1	0.01	4.55	0
CO28504	CO28503	3.69	2 1-	2ACSR	0	0	905	158	16	2	1	0.01	4.55	0
CO28505	CO28504	3.78	2 1-	2ACSR	0	0	884	157	16	2	1	0.01	4.56	0
CO28506	CO28505	3.86	2 1-	2ACSR	0	0	867	157	16	2	1	0.00	4.57	0
CO28507	CO28506	3.94	1 1-	2ACSR	0	0	849	156	15	2	1	0.01	4.57	0
CO28508	CO28507	4.03	1 1-	2ACSR	0	0	831	156	15	2	1	0.01	4.58	0
CO28509	CO28508	4.06	1 1-	2ACSR	0	0	824	155	15	2	1	0.00	4.58	0
CO28510	CO28509	4.10	1 1-	2ACSR	0	0	817	155	15	2	1	0.00	4.58	0
CO28367	CO28510	4.16	1 1-	1/0PRIURD	0	0	808	327	15	2	1	0.00	4.58	0
CO28511	CO28510	4.13	0 1-	2ACSR	0	0	810	155	0	0	0	0.00	4.58	0
CO28512	CO28511	4.15	0 1-	2ACSR	0	0	807	155	0	0	0	0.00	4.58	0
CO22351	CO22350	3.34	1 1-	4ACSR	0	0	997	160	4	0	0	0.00	4.53	0
CO1321848753	CO22351	3.36	0 1-	2ACSR	0	0	991	160	0	0	0	0.00	4.53	0
CO-766773170	CO1321848753	3.38	0 1-	2ACSR	0	0	984	160	0	0	0	0.00	4.53	0
CO-130284181	CO22351	3.43	1 1-	2ACSR	0	0	972	159	4	0	0	0.00	4.53	0
CO409416342	CO-130284181	3.50	1 1-	2ACSR	0	0	951	159	4	0	0	0.00	4.53	0
CO328862457	CO28501	3.16	2 1-	2ACSR	0	0	1073	162	16	2	1	0.00	4.50	0
CO819961856	CO328862457	3.22	1 1-	2ACSR	0	0	1054	161	7	0	1	0.00	4.50	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22092	CO22179	2.81	4 1-	4ACSR	0	0	1240	165	39	5	4	0.01	4.28	0
CO21980	CO22092	2.87	1 1-	4ACSR	0	0	1204	164	9	1	1	0.00	4.28	0
CO22091	CO22092	2.90	2 1-	4ACSR	0	0	1189	164	20	2	2	0.01	4.29	0
CO22180	CO22183	2.58	2 1-	4ACSR	0	0	1379	167	12	1	1	0.01	3.86	0
CO22181	CO22180	2.60	1 1-	4ACSR	0	0	1368	167	10	1	1	0.00	3.86	0
CO22311	CO22469	2.32	31 1-	6HDCU	0	0	1583	170	135	18	14	0.02	3.52	5
CO22310	CO22311	2.34	30 1-	6HDCU	0	0	1561	170	128	17	14	0.02	3.54	4
CO21955	CO22310	2.45	25 1-	6HDCU	0	0	1476	169	99	13	11	0.06	3.60	10
OC-169784924	CO21955	2.45	24 1-	20 N FUSE	0	0	1476	169	89	12	61	0.00	3.60	0
CO21950	OC-169784924	2.60	23 1-	6HDCU	0	0	1372	167	85	11	9	0.08	3.68	11
CO21949	CO21950	2.69	15 1-	6HDCU	0	0	1312	166	63	8	7	0.04	3.71	4
CO21997	CO21949	2.75	1 1-	4ACSR	0	0	1276	166	1	0	0	0.00	3.71	0
CO21948	CO21949	2.98	14 1-	6HDCU	0	0	1157	163	62	8	7	0.11	3.82	11
CO21947	CO21948	3.14	10 1-	6HDCU	0	0	1081	162	46	6	5	0.05	3.87	4
CO22003	CO21947	3.33	0 1-	4ACSR	0	0	1004	160	0	0	0	0.00	3.87	0
CO22188	CO21947	3.31	10 1-	6HDCU	0	0	1012	160	46	6	5	0.05	3.91	4
CO22187	CO22188	3.40	10 1-	6HDCU	0	0	979	159	46	6	5	0.02	3.94	0
CO21946	CO22187	3.47	9 1-	6HDCU	0	0	954	159	38	5	4	0.01	3.95	0
CO23736	CO21946	3.54	3 1-	6HDCU	0	0	931	158	18	2	2	0.01	3.96	0
CO21443	CO23736	3.56	3 1-	6HDCU	0	0	927	158	18	2	2	0.00	3.96	0
CO21442	CO21443	3.61	2 1-	6HDCU	0	0	912	158	14	1	1	0.00	3.96	0
CO21441	CO21442	3.66	2 1-	6HDCU	0	0	893	157	14	1	1	0.01	3.97	0
CO21367	CO21441	3.82	2 1-	6HDCU	0	0	849	156	14	1	1	0.01	3.98	0
OC1628589574	CO21367	3.82	2 1-	20 N FUSE	0	0	849	156	14	1	10	0.00	3.98	0
CO21530	OC1628589574	3.91	2 1-	6HDCU	0	0	825	155	14	1	1	0.01	3.99	0
CO21409	CO21530	3.96	1 1-	2ACSR	0	0	815	155	8	1	1	0.00	3.99	0
CO21415	CO21409	4.03	1 1-	1/0PRIURD	0	0	805	325	8	1	1	0.00	3.99	0
CO21529	CO21530	4.01	1 1-	6HDCU	0	0	801	154	6	0	1	0.00	3.99	0
CO21531	CO21529	4.07	0 1-	6HDCU	0	0	787	154	0	0	0	0.00	3.99	0
CO21394	OC1628589574	3.87	0 1-	6HDCU	0	0	837	155	0	0	0	0.00	3.98	0
CO21395	CO21441	3.71	0 1-	6HDCU	0	0	879	157	0	0	0	0.00	3.97	0
CO22196	CO21946	3.55	3 1-	6HDCU	0	0	928	158	7	0	1	0.00	3.95	0
CO22197	CO22196	3.62	1 1-	6HDCU	0	0	908	157	0	0	0	0.00	3.95	0
CO22194	CO22187	3.47	1 1-	4ACSR	0	0	956	159	8	1	1	0.00	3.94	0
CO22195	CO22194	3.55	0 1-	4ACSR	0	0	930	158	0	0	0	0.00	3.94	0
CO21952	CO21948	3.13	4 1-	4ACSR	0	0	1085	162	16	2	2	0.01	3.83	0
OC306311388	CO21952	3.13	3 1-	20 N FUSE	0	0	1085	162	15	2	10	0.00	3.83	0
CO22102	OC306311388	3.18	2 1-	4ACSR	0	0	1065	161	4	0	0	0.00	3.84	0
CO22426	CO22102	3.24	1 1-	4ACSR	0	0	1041	161	2	0	0	0.00	3.84	0
CO22425	CO22426	3.27	1 1-	4ACSR	0	0	1026	161	2	0	0	0.00	3.84	0
CO22002	OC306311388	3.30	1 1-	4ACSR	0	0	1016	160	10	1	1	0.01	3.84	0
CO22396	CO21950	2.78	7 1-	6HDCU	0	0	1263	165	20	2	2	0.02	3.70	0
OC755099206	CO22396	2.78	7 1-	20 N FUSE	0	0	1263	165	20	2	14	0.00	3.70	0
CO22395	OC755099206	2.93	7 1-	6HDCU	0	0	1180	164	20	2	2	0.02	3.72	0
CO22004	CO22395	2.97	1 1-	6HDCU	0	0	1162	164	5	0	1	0.00	3.72	0
CO21953	CO22395	3.04	6 1-	6HDCU	0	0	1128	163	15	2	2	0.01	3.73	0
CO22411	CO21953	3.12	1 1-	4ACSR	0	0	1091	162	0	0	0	0.00	3.73	0
CO22410	CO22411	3.21	1 1-	4ACSR	0	0	1052	161	0	0	0	0.00	3.73	0
CO22107	CO21953	3.13	2 1-	4ACSR	0	0	1085	162	4	0	0	0.00	3.73	0
CO22106	CO22107	3.34	0 1-	4ACSR	0	0	999	160	0	0	0	0.00	3.73	0
CO22105	CO21953	3.14	3 1-	4ACSR	0	0	1080	162	11	1	1	0.01	3.73	0
CO22104	CO22105	3.18	2 1-	4ACSR	0	0	1065	161	6	0	1	0.00	3.74	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22428	CO22104	3.31	1 1-	4ACSR	0	0	1013	160	6	0	1	0.00	3.74	0
CO22427	CO22428	3.36	1 1-	4ACSR	0	0	994	160	6	0	1	0.00	3.74	0
CO22047	OC-169784924	2.50	1 1-	2ACSR	0	0	1447	168	5	0	0	0.00	3.60	0
CO22528	OC-169784924	2.46	0 1-	4ACSR	0	0	1471	169	0	0	0	0.00	3.60	0
CO21999	CO22310	2.44	3 1-	4ACSR	0	0	1485	169	18	2	2	0.01	3.55	0
CO22082	CO30561	1.91	4 1-	4ACSR	0	0	1871	172	25	3	2	0.00	3.35	0
OC1788003674	CO22082	1.91	3 1-	20 N FUSE	0	0	1871	172	16	2	11	0.00	3.35	0
CO22081	OC1788003674	1.96	3 1-	4ACSR	0	0	1819	172	16	2	2	0.00	3.35	0
CO22527	CO22081	1.96	0 1-	4ACSR	0	0	1812	172	0	0	0	0.00	3.35	0
CO22001	CO22081	2.04	1 1-	4ACSR	0	0	1735	171	3	0	0	0.00	3.35	0
CO22163	CO22162	1.17	906 3-	1/0CU	3336	3133	2765	176	4491	207	67	0.10	3.10	622
CO22436	CO22163	1.22	905 3-	1/0CU	3265	3060	2692	176	4484	206	67	0.13	3.22	831
CO22435	CO22436	1.25	905 3-	1/0CU	3222	3017	2649	176	4480	206	67	0.08	3.30	505
CO21940	CO22435	1.32	903 3-	1/0CU	3135	2928	2561	176	4475	206	67	0.17	3.47	1087
CO22441	CO21940	1.34	890 3-	1/0CU	3112	2906	2538	175	4422	204	66	0.04	3.52	284
CO22440	CO22441	1.35	890 3-	1/0CU	3098	2892	2524	175	4421	204	66	0.03	3.54	178
CO22190	CO22440	1.39	888 3-	1/0CU	3057	2850	2484	175	4417	204	66	0.08	3.63	534
CO22191	CO22190	1.42	886 3-	1/0CU	3020	2813	2447	175	4410	204	66	0.08	3.70	485
CO22327	CO22191	1.46	8 1-	4ACSR	0	0	2379	175	32	4	3	0.01	3.71	0
CO22007	CO22327	1.47	7 1-	1/0PRIURD	0	0	2365	440	32	4	3	0.00	3.71	0
CO22319	CO22007	1.58	5 1-	1/0PRIURD	0	0	2254	437	20	2	2	0.00	3.72	0
CO-1111749743	CO22319	1.65	2 1-	1/0PRIURD	0	0	2197	434	12	1	1	0.00	3.72	0
CO-251639058	CO-1111749743	1.69	0 1-	1/0PRIURD	0	0	2165	432	0	0	0	0.00	3.72	0
CO-1126418795	CO-1111749743	1.74	2 1-	1/0PRIURD	0	0	2130	431	12	1	1	0.00	3.72	0
CO1946455801	CO-1126418795	1.77	2 1-	1/0PRIURD	0	0	2107	429	12	1	1	0.00	3.72	0
CO-1428076018	CO1946455801	1.77	2 1-	1/0PRIURD	0	0	2103	429	12	1	1	0.00	3.72	0
CO161402883	CO-1428076018	1.80	2 1-	1/0PRIURD	0	0	2086	428	12	1	1	0.00	3.72	0
CO-2029845015	CO161402883	1.85	1 1-	1/0PRIURD	0	0	2050	427	6	0	1	0.00	3.73	0
CO22328	CO22327	1.50	1 1-	1/0PRIURD	0	0	2342	439	0	0	0	0.00	3.71	0
CO22389	CO22191	1.44	878 3-	1/0CU	3003	2796	2431	175	4376	202	65	0.04	3.74	226
CO22388	CO22389	1.51	878 3-	1/0CU	2923	2715	2352	175	4375	202	65	0.17	3.91	1105
CO21985	CO22388	1.56	5 1-	4ACSR	0	0	2273	174	14	1	1	0.00	3.92	0
CO21941	CO22388	1.59	873 3-	1/0CU	2840	2639	2273	175	4356	202	65	0.19	4.10	1179
CO21986	CO21941	1.61	2 1-	4ACSR	0	0	2251	175	16	2	2	0.00	4.10	0
CO22094	CO21941	1.63	5 1-	4ACSR	0	0	2219	174	21	2	2	0.00	4.10	0
CO22325	CO22094	1.68	3 1-	4ACSR	0	0	2134	174	15	2	2	0.01	4.11	0
CO21987	CO22325	1.77	1 1-	4ACSR	0	0	2008	173	8	1	1	0.00	4.11	0
CO22326	CO22325	1.83	2 1-	4ACSR	0	0	1936	172	7	1	1	0.00	4.11	0
CO22391	CO21941	1.75	866 3-	1/0CU	2689	2497	2130	174	4313	200	65	0.37	4.47	2318
CO22390	CO22391	1.78	866 3-	1/0CU	2663	2473	2106	174	4302	200	65	0.07	4.54	417
CO22008	CO22390	1.88	1 1-	4ACSR	0	0	1980	173	1	0	0	0.00	4.54	0
CO22096	CO22390	1.85	1 1-	4ACSR	0	0	2013	173	2	0	0	0.00	4.54	0
CO22095	CO22096	1.87	1 1-	4ACSR	0	0	1988	173	2	0	0	0.00	4.54	0
CO22464	CO22390	1.87	864 3-	1/0CU	2590	2405	2039	174	4297	200	65	0.19	4.73	1225
CO22463	CO22464	1.93	864 3-	1/0CU	2544	2361	1996	174	4292	200	65	0.13	4.86	817
CO22465	CO22463	2.02	864 3-	1/0CU	2471	2294	1930	173	4288	200	65	0.21	5.07	1326
CO22280	CO22465	2.08	863 3-	1/0CU	2428	2254	1891	173	4276	199	64	0.13	5.20	828
CO22193	CO22280	2.09	862 3-	1/0CU	2421	2247	1885	173	4263	199	64	0.02	5.23	143
CO22304	CO22193	2.11	61 1-	4ACSR	0	0	1855	173	241	33	24	0.04	5.26	16
CO22305	CO22304	2.15	60 1-	4ACSR	0	0	1814	172	234	32	23	0.06	5.32	22
CO22442	CO22305	2.17	2 1-	4ACSR	0	0	1790	172	6	0	1	0.00	5.32	0
CO22540	CO22442	2.20	0 1-	4ACSR	0	0	1761	172	0	0	0	0.00	5.32	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22295	CO22305	2.20	58 1-	4ACSR	0	0	1761	172	228	31	23	0.07	5.39	27
CO22296	CO22295	2.23	58 1-	4ACSR	0	0	1736	172	228	31	23	0.04	5.43	14
CO22534	CO22296	2.23	31 1-	4ACSR	0	0	1729	171	81	11	8	0.00	5.43	0
OC668	CO22534	2.23	31 1-	35 L OCR	0	0	1729	171	81	11	33	0.00	5.43	0
CO22535	OC668	2.26	31 1-	4ACSR	0	0	1698	171	81	11	8	0.02	5.44	0
CO22210	CO22535	2.37	30 1-	4ACSR	0	0	1600	170	77	10	8	0.05	5.49	6
CO22211	CO22210	2.42	29 1-	4ACSR	0	0	1559	169	73	10	7	0.02	5.52	3
CO80089647	CO22211	2.44	28 1-	2ACSR	0	0	1544	169	69	9	5	0.01	5.52	0
CO1805294701	CO80089647	2.47	1 1-	2ACSR	0	0	1523	169	5	0	0	0.00	5.52	0
CO-112368577	CO80089647	2.53	27 1-	2ACSR	0	0	1485	169	64	8	5	0.03	5.55	3
CO22448	CO-112368577	2.56	27 1-	4ACSR	0	0	1467	168	64	8	6	0.01	5.56	0
CO22208	CO22448	2.59	26 1-	4ACSR	0	0	1441	168	61	8	6	0.01	5.57	0
CO22209	CO22208	2.71	24 1-	4ACSR	0	0	1360	167	56	7	6	0.04	5.61	3
CO22206	CO22209	2.80	23 1-	4ACSR	0	0	1299	166	49	6	5	0.03	5.64	2
CO22207	CO22206	2.87	22 1-	4ACSR	0	0	1260	165	45	6	4	0.02	5.65	0
CO22040	CO22207	2.91	3 1-	4/0ACSR	0	0	1247	165	7	1	0	0.00	5.65	0
CO22042	CO22040	2.97	1 1-	2ACSR	0	0	1221	165	5	0	0	0.00	5.66	0
CO22203	CO22207	2.95	19 1-	4ACSR	0	0	1217	165	37	5	4	0.02	5.67	0
CO22204	CO22203	3.00	16 1-	4ACSR	0	0	1187	164	32	4	3	0.01	5.68	0
CO22205	CO22204	3.03	13 1-	4ACSR	0	0	1173	164	28	3	3	0.00	5.69	0
CO22447	CO22205	3.11	10 1-	4ACSR	0	0	1134	163	25	3	3	0.01	5.70	0
CO22446	CO22447	3.13	10 1-	4ACSR	0	0	1124	163	25	3	3	0.00	5.70	0
CO21974	CO22446	3.24	8 1-	4ACSR	0	0	1073	162	18	2	2	0.01	5.71	0
CO22018	CO21974	3.45	1 1-	4ACSR	0	0	988	160	7	0	1	0.00	5.72	0
CO21962	CO21974	3.31	5 1-	4ACSR	0	0	1045	161	8	1	1	0.00	5.72	0
CO22275	CO21962	3.40	4 1-	4ACSR	0	0	1008	160	5	0	0	0.00	5.72	0
CO22276	CO22275	3.45	2 1-	4ACSR	0	0	990	160	3	0	0	0.00	5.72	0
CO22213	CO22276	3.52	0 1-	4ACSR	0	0	964	159	0	0	0	0.00	5.72	0
CO22019	CO21962	3.36	1 1-	4ACSR	0	0	1023	160	3	0	0	0.00	5.72	0
CO22017	CO22446	3.17	2 1-	4ACSR	0	0	1105	162	7	0	1	0.00	5.70	0
CO22016	CO22448	2.61	1 1-	4ACSR	0	0	1425	168	3	0	0	0.00	5.56	0
CO22393	CO22296	2.30	27 1-	4ACSR	0	0	1662	171	146	20	15	0.07	5.49	17
CO22392	CO22393	2.32	27 1-	4ACSR	0	0	1645	171	146	20	15	0.02	5.51	4
CO22394	CO22392	2.49	27 1-	4ACSR	0	0	1500	169	146	20	15	0.15	5.67	38
CO21942	CO22394	2.87	4 1-	4ACSR	0	0	1246	165	13	1	1	0.03	5.70	0
CO22097	CO21942	3.08	2 1-	4ACSR	0	0	1137	163	2	0	0	0.00	5.70	0
CO23737	CO22097	3.21	1 1-	4ACSR	0	0	1078	162	1	0	0	0.00	5.70	0
CO22062	CO21942	3.02	2 1-	4HDCU	0	0	1182	164	11	1	1	0.00	5.70	0
CO22420	CO22062	3.08	1 1-	4HDCU	0	0	1159	163	0	0	0	0.00	5.70	0
CO22419	CO22420	3.15	1 1-	4HDCU	0	0	1133	163	0	0	0	0.00	5.70	0
CO22533	CO22394	2.77	23 1-	4ACSR	0	0	1304	166	133	18	13	0.23	5.90	52
CO22404	CO22533	2.78	23 1-	4ACSR	0	0	1297	166	133	18	13	0.01	5.90	2
CO22405	CO22404	2.80	23 1-	4ACSR	0	0	1286	166	133	18	13	0.01	5.92	3
CO22329	CO22405	2.98	4 1-	4ACSR	0	0	1186	164	20	2	2	0.02	5.94	0
CO22474	CO22329	3.20	2 1-	4ACSR	0	0	1082	162	18	2	2	0.03	5.97	0
CO22473	CO22474	3.35	2 1-	4ACSR	0	0	1019	160	18	2	2	0.02	5.98	0
CO22021	CO22473	3.40	1 1-	4ACSR	0	0	997	160	3	0	0	0.00	5.99	0
CO22020	CO22473	3.40	1 1-	4ACSR	0	0	997	160	16	2	2	0.00	5.99	0
CO22022	CO22329	3.04	1 1-	4ACSR	0	0	1157	163	2	0	0	0.00	5.94	0
CO22340	CO22405	2.81	19 1-	2ACSR	0	0	1280	166	113	15	9	0.01	5.93	0
CO22538	CO22340	2.84	15 1-	2ACSR	0	0	1270	165	95	13	7	0.01	5.93	0
CO22339	CO22538	2.88	13 1-	2ACSR	0	0	1248	165	82	11	6	0.02	5.95	2

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22320	CO22339	2.96	13 1-	1/0PRIURD	0	0	1221	378	82	11	8	0.02	5.97	0
CO22321	CO22320	3.02	8 1-	1/0PRIURD	0	0	1202	376	53	7	5	0.01	5.97	0
CO22318	CO22321	3.08	3 1-	1/0PRIURD	0	0	1184	374	16	2	2	0.00	5.97	0
CO22317	CO22318	3.19	0 1-	1/0PRIURD	0	0	1151	372	0	0	0	0.00	5.97	0
CO22049	CO22538	2.89	2 1-	1/0PRIURD	0	0	1249	380	13	1	1	0.00	5.94	0
CO22341	CO22340	2.86	4 1-	2ACSR	0	0	1257	165	17	2	1	0.00	5.93	0
CO22322	CO22341	2.97	4 1-	1/0PRIURD	0	0	1220	378	17	2	2	0.00	5.93	0
CO22484	CO22322	3.10	1 1-	1/0PRIURD	0	0	1179	374	1	0	0	0.00	5.93	0
CO22500	CO22193	2.09	13 1-	4ACSR	0	0	1877	173	69	9	7	0.00	5.23	0
OC663	CO22500	2.09	13 1-	50 L OCR	0	0	1877	173	69	9	0	0.00	5.23	0
CO22501	OC663	2.16	13 1-	4ACSR	0	0	1802	172	69	9	7	0.03	5.26	3
CO21988	CO22501	2.24	2 1-	4ACSR	0	0	1724	171	13	1	1	0.00	5.26	0
CO22165	CO22501	2.34	10 1-	4ACSR	0	0	1627	170	53	7	5	0.05	5.31	5
CO22166	CO22165	2.37	9 1-	4ACSR	0	0	1603	170	45	6	5	0.01	5.32	0
CO22164	CO22166	2.44	7 1-	4ACSR	0	0	1543	169	38	5	4	0.02	5.33	0
CO22277	CO22164	2.47	6 1-	4ACSR	0	0	1516	169	33	4	3	0.01	5.34	0
CO22278	CO22277	2.48	5 1-	4ACSR	0	0	1507	169	22	3	2	0.00	5.34	0
CO22281	CO22278	2.66	4 1-	4ACSR	0	0	1376	167	14	1	1	0.01	5.35	0
CO22282	CO22281	2.72	2 1-	4ACSR	0	0	1339	166	4	0	0	0.00	5.35	0
CO22384	CO22282	2.89	0 1-	4ACSR	0	0	1236	165	0	0	0	0.00	5.35	0
CO22385	CO22384	3.08	0 1-	4ACSR	0	0	1138	163	0	0	0	0.00	5.35	0
CO22083	CO22282	2.75	2 1-	4ACSR	0	0	1314	166	4	0	0	0.00	5.35	0
CO22523	CO22083	2.86	2 1-	4ACSR	0	0	1250	165	4	0	0	0.00	5.36	0
CO22381	CO22523	3.01	2 1-	4ACSR	0	0	1172	164	4	0	0	0.00	5.36	0
CO22382	CO22381	3.09	2 1-	4ACSR	0	0	1132	163	4	0	0	0.00	5.36	0
CO22383	CO22382	3.41	2 1-	4ACSR	0	0	997	160	4	0	0	0.01	5.37	0
CO22379	CO22383	3.51	1 1-	4ACSR	0	0	959	159	2	0	0	0.00	5.37	0
CO-451734469	CO22379	3.74	1 1-	2ACSR	0	0	902	157	2	0	0	0.00	5.37	0
CO-1763695931	CO-451734469	3.80	0 1-	2ACSR	0	0	887	157	0	0	0	0.00	5.37	0
CO-972994725	CO-451734469	3.94	1 1-	2ACSR	0	0	856	156	2	0	0	0.00	5.37	0
CO22536	CO22193	2.24	788 3-	1/0CU	2315	2149	1790	173	3953	185	60	0.32	5.55	1865
CO21957	CO22536	2.45	786 3-	1/0CU	2179	2022	1671	172	3933	184	60	0.45	6.00	2639
CO21958	CO21957	2.55	786 3-	1/0CU	2124	1972	1623	171	3921	184	60	0.20	6.20	1149
CO22401	CO21958	2.57	785 3-	1/0CU	2112	1961	1613	171	3912	184	60	0.04	6.24	263
CO22400	CO22401	2.75	785 3-	1/0CU	2014	1870	1529	171	3910	184	60	0.38	6.62	2231
CO21959	CO22400	2.82	780 3-	1/0CU	1980	1838	1500	171	3882	183	59	0.14	6.76	823
CO30701	CO21959	2.89	2 3-	1/0CU	1947	1808	1472	170	0	0	0	0.00	6.76	0
CO22201	CO21959	2.82	776 3-	1/0CU	1978	1836	1498	171	3867	183	59	0.01	6.77	57
RG13	CO22201	2.82	776 3-	200.00000000000	1978	1836	1498	171	3867	183	0	-6.77	0.00	0
CO22202	RG13	3.12	776 3-	1/0CU	1843	1711	1385	170	3867	173	56	0.57	0.57	3170
CO22403	CO22202	3.17	775 3-	1/0CU	1822	1692	1367	169	3849	173	56	0.10	0.67	531
CO22402	CO22403	3.21	775 3-	1/0CU	1803	1675	1352	169	3847	173	56	0.09	0.76	472
CO21960	CO22402	3.32	773 3-	1/0CU	1760	1635	1317	169	3841	172	56	0.21	0.97	1157
CO22502	CO21960	3.33	770 3-	1/0CU	1758	1633	1314	169	3827	172	56	0.01	0.98	71
CO22503	CO22502	3.36	770 3-	1/0CU	1744	1620	1303	169	3827	172	56	0.07	1.05	382
CO21961	CO22503	3.41	740 3-	1/0CU	1724	1602	1287	169	3679	166	54	0.10	1.14	515
CO21963	CO21961	3.54	392 3-	1/0CU	1679	1560	1250	168	1580	71	23	0.10	1.24	224
CO22024	CO21963	3.60	4 1-	4ACSR	0	0	1221	168	13	1	1	0.00	1.24	0
CO22218	CO21963	3.62	388 3-	1/0CU	1651	1534	1227	168	1566	70	23	0.06	1.30	144
CO22219	CO22218	3.67	387 3-	1/0CU	1632	1516	1212	168	1561	70	23	0.04	1.35	97
CO22453	CO22219	3.70	378 3-	1/0CU	1622	1508	1204	168	1522	68	22	0.02	1.37	48
CO22452	CO22453	3.72	378 3-	1/0CU	1616	1501	1198	168	1522	68	22	0.02	1.38	34

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC130016512	CO22452	3.72	372 3-	70 L OCR	1616	1501	1198	168	1495	67	96	0.00	1.38	0
CO22235	OC130016512	3.76	372 3-	1/0CU	1602	1489	1187	167	1495	67	22	0.03	1.42	68
CO22236	CO22235	3.80	370 3-	1/0CU	1590	1478	1178	167	1493	67	22	0.03	1.44	58
CO22241	CO22236	3.84	366 3-	1/0CU	1577	1465	1167	167	1483	66	22	0.03	1.47	68
CO22313	CO22241	3.86	364 3-	1/0CU	1571	1460	1162	167	1480	66	22	0.01	1.49	31
CO22314	CO22313	3.88	363 3-	1/0CU	1564	1454	1157	167	1472	66	21	0.01	1.50	32
CO22240	CO22314	3.95	361 3-	1/0CU	1543	1434	1140	167	1468	66	21	0.05	1.55	110
CO22239	CO22240	4.01	357 3-	1/0CU	1525	1417	1125	167	1455	65	21	0.04	1.60	93
CO22238	CO22239	4.11	353 3-	1/0CU	1495	1390	1102	166	1440	65	21	0.07	1.67	154
CO22237	CO22238	4.18	352 3-	1/0CU	1477	1373	1087	166	1425	64	21	0.05	1.72	95
CO22542	CO22237	4.24	216 3-	1/0CU	1461	1359	1075	166	907	41	13	0.03	1.74	35
CO21970	CO22542	4.31	201 3-	1/0CU	1442	1341	1059	166	858	38	13	0.03	1.77	40
CO22123	CO21970	4.35	3 1-	4ACSR	0	0	1045	165	12	1	1	0.00	1.78	0
CO22122	CO22123	4.39	2 1-	4ACSR	0	0	1031	165	5	0	0	0.00	1.78	0
CO22543	CO21970	4.38	197 3-	1/0CU	1423	1324	1045	165	840	38	12	0.03	1.80	36
CO22124	CO22543	4.44	10 3-	4ACSR	1395	1300	1024	165	68	3	2	0.01	1.81	0
CO22242	CO22124	4.47	4 3-	4ACSR	1380	1288	1014	165	50	2	2	0.00	1.81	0
CO22243	CO22242	4.50	2 3-	4ACSR	1363	1273	1002	164	47	2	2	0.00	1.81	0
CO21971	CO22543	4.45	187 3-	1/0CU	1406	1308	1031	165	772	34	11	0.03	1.83	30
CO23733	CO21971	4.75	164 3-	1/0CU	1334	1241	974	164	688	31	10	0.10	1.93	105
CO21864	CO23733	4.85	164 3-	1/0CU	1313	1221	958	164	688	31	10	0.03	1.97	33
CO21594	CO21864	4.87	153 3-	1/0ACSR	1307	1217	954	164	605	27	12	0.01	1.97	8
CO21854	CO21594	4.93	153 3-	1/0ACSR	1289	1200	940	163	605	27	12	0.03	2.01	29
CO21855	CO21854	5.00	152 3-	1/0ACSR	1271	1183	926	163	599	27	12	0.03	2.04	28
CO21847	CO21855	5.06	98 3-	1/0ACSR	1256	1170	915	163	403	18	8	0.02	2.05	11
CO21848	CO21847	5.08	97 3-	1/0ACSR	1251	1165	912	163	400	18	8	0.01	2.06	4
CO21632	CO21848	5.13	1 1-	4ACSR	0	0	896	162	7	1	1	0.00	2.06	0
CO21837	CO21848	5.10	96 3-	1/0ACSR	1244	1159	906	163	393	17	8	0.01	2.07	5
CO21838	CO21837	5.12	93 3-	1/0ACSR	1239	1155	902	163	373	16	7	0.01	2.07	3
CO21836	CO21838	5.16	91 3-	1/0ACSR	1229	1146	895	162	354	16	7	0.01	2.08	5
CO21839	CO21836	5.28	72 3-	4ACSR	1183	1107	863	161	288	13	9	0.06	2.14	30
CO21661	CO21839	5.33	1 3-	2ACSR	1169	1095	853	161	1	0	0	0.00	2.14	0
CO21840	CO21839	5.32	71 3-	4ACSR	1171	1097	855	161	287	13	9	0.02	2.16	8
CO21842	CO21840	5.47	70 3-	4ACSR	1116	1050	817	159	268	12	9	0.07	2.23	33
CO21843	CO21842	5.50	69 3-	4ACSR	1105	1040	809	159	262	11	9	0.01	2.25	6
CO21841	CO21843	5.54	66 3-	4ACSR	1092	1030	801	159	244	11	8	0.02	2.26	7
CO23743	CO21841	5.59	62 3-	1/0CU	1085	1023	796	159	210	9	3	0.00	2.27	0
CO21347	CO23743	5.59	11 1-	4ACSR	0	0	794	159	48	6	5	0.00	2.27	0
OC637	CO21347	5.59	11 1-	25 H OCR	0	0	794	159	48	6	26	0.00	2.27	0
CO21348	OC637	5.62	11 1-	4ACSR	0	0	789	158	48	6	5	0.01	2.28	0
CO544010058	CO21348	5.66	1 1-	2ACSR	0	0	782	158	7	0	1	0.00	2.28	0
CO21263	CO21348	5.66	9 1-	4ACSR	0	0	780	158	39	5	4	0.01	2.29	0
CO21213	CO21263	5.72	0 1-	4ACSR	0	0	767	157	0	0	0	0.00	2.29	0
CO21264	CO21263	5.69	9 1-	4ACSR	0	0	773	158	39	5	4	0.01	2.29	0
CO21266	CO21264	5.75	8 1-	4ACSR	0	0	761	157	30	4	3	0.01	2.30	0
CO21265	CO21266	5.82	7 1-	4ACSR	0	0	745	156	27	3	3	0.01	2.32	0
CO21214	CO21265	5.86	1 1-	4ACSR	0	0	738	156	1	0	0	0.00	2.32	0
CO21273	CO21265	5.94	6 1-	4ACSR	0	0	723	155	26	3	3	0.02	2.34	0
CO21272	CO21273	6.04	5 1-	4ACSR	0	0	705	154	25	3	2	0.01	2.35	0
CO21274	CO21272	6.18	4 1-	4ACSR	0	0	679	153	14	1	1	0.01	2.36	0
CO21340	CO21274	6.28	1 1-	4ACSR	0	0	664	152	3	0	0	0.00	2.36	0
CO21337	CO21340	6.36	1 1-	4ACSR	0	0	650	152	3	0	0	0.00	2.36	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21339	CO21337	6.45	1 1-	4ACSR	0	0	636	151	3	0	0	0.00	2.36	0
CO21338	CO21339	6.54	1 1-	4ACSR	0	0	625	150	3	0	0	0.00	2.36	0
CO21269	CO21274	6.29	3 1-	4ACSR	0	0	662	152	11	1	1	0.00	2.36	0
CO21271	CO21269	6.31	2 1-	4ACSR	0	0	659	152	4	0	0	0.00	2.36	0
CO21270	CO21271	6.39	1 1-	4ACSR	0	0	646	151	3	0	0	0.00	2.37	0
CO-2135996948	CO21270	6.44	1 1-	2ACSR	0	0	640	151	3	0	0	0.00	2.37	0
CO1872203879	CO-2135996948	6.57	1 1-	2ACSR	0	0	625	150	3	0	0	0.00	2.37	0
CO-1764549330	CO-2135996948	6.62	0 1-	2ACSR	0	0	619	150	0	0	0	0.00	2.37	0
CO21268	CO-1764549330	6.78	0 1-	4ACSR	0	0	597	149	0	0	0	0.00	2.37	0
CO21242	CO23743	5.65	50 3-	1/0CU	1076	1014	788	158	160	7	2	0.01	2.27	0
CO21241	CO21242	5.71	49 3-	1/0CU	1068	1006	782	158	160	7	2	0.00	2.28	0
CO21311	CO21241	5.75	3 3-	4ACSR	1052	993	771	158	4	0	0	0.00	2.28	0
CO21310	CO21311	5.86	2 3-	4ACSR	1022	967	750	157	3	0	0	0.00	2.28	0
CO21225	CO21310	5.92	1 1-	2ACSR	0	0	741	156	2	0	0	0.00	2.28	0
CO21345	CO21241	5.71	41 1-	4ACSR	0	0	780	158	131	17	13	0.01	2.28	0
OC640	CO21345	5.71	41 1-	25 H OCR	0	0	780	158	131	17	71	0.00	2.28	0
CO21346	OC640	5.73	41 1-	4ACSR	0	0	777	158	131	17	13	0.01	2.30	3
CO21244	CO21346	5.78	41 1-	4ACSR	0	0	767	158	131	17	13	0.04	2.33	8
CO21243	CO21244	5.92	40 1-	4ACSR	0	0	738	156	127	17	12	0.11	2.44	23
CO21204	CO21243	5.97	0 1-	4ACSR	0	0	728	156	0	0	0	0.00	2.44	0
CO21246	CO21243	6.00	40 1-	4ACSR	0	0	723	156	127	17	12	0.06	2.50	12
CO21245	CO21246	6.01	39 1-	4ACSR	0	0	720	155	118	16	11	0.01	2.51	2
CO21190	CO21245	6.18	35 1-	4ACSR	0	0	690	154	106	14	10	0.11	2.62	19
CO21319	CO21190	6.30	16 1-	4ACSR	0	0	670	153	47	6	5	0.03	2.65	2
CO21314	CO21319	6.34	15 1-	4ACSR	0	0	663	152	44	5	4	0.01	2.66	0
CO21318	CO21314	6.39	12 1-	4ACSR	0	0	655	152	29	4	3	0.01	2.67	0
CO21317	CO21318	6.43	10 1-	4ACSR	0	0	650	152	22	3	2	0.00	2.68	0
CO21315	CO21317	6.47	8 1-	4ACSR	0	0	643	151	17	2	2	0.00	2.68	0
CO21316	CO21315	6.52	6 1-	4ACSR	0	0	636	151	13	1	1	0.00	2.68	0
CO21254	CO21190	6.32	19 1-	4ACSR	0	0	666	153	59	8	6	0.05	2.67	5
CO21251	CO21254	6.57	19 1-	4ACSR	0	0	627	150	59	8	6	0.09	2.76	9
CO21224	CO21251	6.81	1 1-	4ACSR	0	0	595	148	1	0	0	0.00	2.76	0
CO21253	CO21251	6.69	18 1-	4ACSR	0	0	611	149	58	7	6	0.04	2.80	4
CO21252	CO21253	6.81	18 1-	4ACSR	0	0	594	148	58	7	6	0.04	2.85	4
CO21256	CO21252	6.89	17 1-	4ACSR	0	0	585	148	55	7	5	0.02	2.87	0
CO21255	CO21256	7.10	16 1-	4ACSR	0	0	559	146	47	6	5	0.06	2.93	5
CO21211	CO21255	7.21	1 1-	4ACSR	0	0	546	145	7	1	1	0.00	2.93	0
CO21191	CO21255	7.22	15 1-	4ACSR	0	0	545	145	39	5	4	0.03	2.96	0
CO21193	CO21191	7.37	4 1-	4ACSR	0	0	529	144	11	1	1	0.01	2.97	0
CO21210	CO21193	7.42	2 1-	4ACSR	0	0	523	144	8	1	1	0.00	2.97	0
CO21209	CO21193	7.43	1 1-	4ACSR	0	0	522	143	3	0	0	0.00	2.97	0
CO21208	CO21193	7.44	1 1-	4ACSR	0	0	521	143	0	0	0	0.00	2.97	0
CO21215	CO21191	7.33	0 1-	4ACSR	0	0	532	144	0	0	0	0.00	2.96	0
CO21257	CO21191	7.28	11 1-	4ACSR	0	0	539	145	29	3	3	0.01	2.97	0
CO21259	CO21257	7.50	10 1-	4ACSR	0	0	515	143	27	3	3	0.04	3.01	0
CO21258	CO21259	7.54	9 1-	4ACSR	0	0	511	143	27	3	3	0.01	3.01	0
CO21192	CO21258	7.75	1 1-	4ACSR	0	0	492	141	0	0	0	0.00	3.01	0
CO21207	CO21192	7.82	0 1-	4ACSR	0	0	485	140	0	0	0	0.00	3.01	0
CO21206	CO21192	7.89	1 1-	4ACSR	0	0	479	140	0	0	0	0.00	3.01	0
CO21260	CO21258	7.73	8 1-	4ACSR	0	0	493	141	27	3	3	0.03	3.04	0
CO21262	CO21260	7.80	7 1-	4ACSR	0	0	487	141	21	2	2	0.01	3.05	0
CO21261	CO21262	7.89	4 1-	4ACSR	0	0	479	140	16	2	2	0.01	3.06	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
CO-1723822932	CO21261	7.96	1 1-	4ACSR	0	0	473	139	9	1	1	0.00	3.06	0	
	CO21205	CO21261	7.96	1 1-	4ACSR	0	0	472	139	3	0	0	0.00	3.06	0
	CO21313	CO21261	8.00	2 1-	4ACSR	0	0	469	139	4	0	0	0.00	3.06	0
	CO21312	CO21313	8.02	0 1-	4ACSR	0	0	468	139	0	0	0	0.00	3.06	0
	CO21212	CO21252	6.86	1 1-	4ACSR	0	0	588	148	3	0	0	0.00	2.85	0
	CO21250	CO21245	6.10	4 1-	4ACSR	0	0	705	155	12	1	1	0.00	2.52	0
	CO21249	CO21250	6.49	3 1-	4ACSR	0	0	641	151	6	0	1	0.01	2.53	0
	CO21226	CO21249	6.55	1 1-	2ACSR	0	0	633	151	1	0	0	0.00	2.53	0
	CO21247	CO21249	6.53	1 1-	4ACSR	0	0	634	151	4	0	0	0.00	2.53	0
	CO21248	CO21247	6.77	0 1-	4ACSR	0	0	600	149	0	0	0	0.00	2.53	0
	CO21320	CO21241	5.78	4 1-	4ACSR	0	0	766	158	18	2	2	0.01	2.29	0
	CO23744	CO21320	5.87	2 1-	4ACSR	0	0	748	157	13	1	1	0.01	2.29	0
	CO21846	CO23744	5.92	1 1-	2ACSR	0	0	740	156	12	1	1	0.00	2.29	0
	CO21844	CO21841	5.59	4 1-	4ACSR	0	0	791	158	34	4	3	0.01	2.27	0
	CO21845	CO21844	5.66	2 1-	4ACSR	0	0	776	158	16	2	2	0.00	2.28	0
CO1361525627	CO21845	5.71	1 1-	4ACSR	0	0	763	157	6	0	1	0.00	2.28	0	
	CO21633	CO21836	5.22	1 1-	4ACSR	0	0	880	162	15	2	1	0.00	2.08	0
	CO21834	CO21836	5.21	15 3-	1/0ACSR	1217	1134	886	162	39	1	1	0.00	2.08	0
	CO21835	CO21834	5.26	14 3-	1/0ACSR	1204	1123	877	162	36	1	1	0.00	2.08	0
	CO21833	CO21835	5.32	11 3-	1/0ACSR	1191	1111	866	162	34	1	1	0.00	2.09	0
	CO21831	CO21833	5.36	11 3-	1/0ACSR	1182	1103	860	161	34	1	1	0.00	2.09	0
	CO21832	CO21831	5.39	11 3-	1/0ACSR	1175	1097	855	161	34	1	1	0.00	2.09	0
	CO21830	CO21832	5.44	6 3-	1/0ACSR	1165	1087	847	161	22	1	0	0.00	2.09	0
	CO21829	CO21830	5.46	3 3-	1/0ACSR	1158	1081	842	161	12	0	0	0.00	2.09	0
	CO21828	CO21829	5.49	2 3-	1/0ACSR	1154	1077	839	161	11	0	0	0.00	2.09	0
	CO21827	CO21828	5.50	0 3-	1/0ACSR	1150	1074	836	161	0	0	0	0.00	2.09	0
	CO21932	CO21827	5.51	0 3-	1/0ACSR	1148	1072	835	161	0	0	0	0.00	2.09	0
#SW657-B	CO21932	5.51	0 3-	Open	1148	1072	835	161	0	0	0	0	0.00	2.09	0
	CO21849	CO21855	5.03	5 1-	4ACSR	0	0	918	163	28	3	3	0.00	2.04	0
	CO21850	CO21849	5.07	3 1-	4ACSR	0	0	906	162	24	3	2	0.01	2.04	0
	CO21851	CO21850	5.14	2 1-	4ACSR	0	0	886	162	16	2	2	0.01	2.05	0
	CO21852	CO21851	5.20	1 1-	4ACSR	0	0	871	161	8	1	1	0.00	2.05	0
	CO21853	CO21852	5.31	1 1-	4ACSR	0	0	844	160	8	1	1	0.00	2.06	0
	CO21865	CO21855	5.04	48 3-	1/0ACSR	1260	1174	919	163	166	7	3	0.00	2.04	0
	CO21866	CO21865	5.10	47 3-	1/0ACSR	1244	1159	906	163	164	7	3	0.01	2.05	0
	CO21625	CO21866	5.15	2 1-	4ACSR	0	0	892	162	6	0	1	0.00	2.05	0
	CO21867	CO21866	5.16	43 3-	1/0ACSR	1229	1145	895	162	155	7	3	0.01	2.06	0
	CO21868	CO21867	5.22	42 3-	1/0ACSR	1215	1133	885	162	151	6	3	0.01	2.06	0
	CO21876	CO21868	5.25	29 3-	1/0ACSR	1207	1126	879	162	98	4	2	0.00	2.06	0
	CO21877	CO21876	5.33	19 3-	1/0ACSR	1188	1109	865	162	73	3	1	0.00	2.07	0
	CO21878	CO21877	5.37	17 3-	1/0ACSR	1180	1101	859	161	65	2	1	0.00	2.07	0
	CO21879	CO21878	5.39	12 3-	1/0ACSR	1174	1096	854	161	35	1	1	0.00	2.07	0
	CO22058	CO21879	5.45	12 1-	2ACSR	0	0	844	161	35	4	3	0.01	2.08	0
	CO22135	CO22058	5.50	8 1-	2ACSR	0	0	832	161	18	2	1	0.00	2.08	0
	CO22134	CO22058	5.47	3 1-	2ACSR	0	0	840	161	13	1	1	0.00	2.08	0
	CO22059	CO22134	5.50	2 1-	2ACSR	0	0	833	161	8	1	1	0.00	2.08	0
	CO21869	CO21868	5.26	12 1-	4ACSR	0	0	875	162	48	6	5	0.01	2.07	0
	CO21871	CO21869	5.30	5 1-	2ACSR	0	0	866	161	17	2	1	0.00	2.07	0
	CO21872	CO21871	5.39	3 1-	2ACSR	0	0	848	161	9	1	1	0.00	2.07	0
	CO21870	CO21869	5.30	6 1-	4ACSR	0	0	865	161	13	1	1	0.00	2.07	0
	CO21595	CO21870	5.35	4 1-	4ACSR	0	0	850	161	11	1	1	0.00	2.08	0
	CO21875	CO21595	5.40	4 1-	4ACSR	0	0	838	160	11	1	1	0.00	2.08	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23742	CO21875	5.60	2 1-	4ACSR	0	0	792	158	4	0	0	0.00	2.08	0
CO21309	CO23742	5.67	2 1-	4ACSR	0	0	777	158	4	0	0	0.00	2.08	0
CO21341	CO21309	5.75	1 1-	1/0PRIURD	0	0	767	334	1	0	0	0.00	2.08	0
CO21873	CO21595	5.43	0 1-	4ACSR	0	0	832	160	0	0	0	0.00	2.08	0
CO21874	CO21873	5.47	0 1-	4ACSR	0	0	823	160	0	0	0	0.00	2.08	0
CO21626	CO21870	5.31	2 1-	4ACSR	0	0	861	161	2	0	0	0.00	2.07	0
CO21856	CO21864	4.86	11 1-	6ACWC	0	0	953	164	82	11	8	0.01	1.97	0
CO21858	CO21856	4.97	7 1-	4ACSR	0	0	921	163	44	6	4	0.02	2.00	0
CO21859	CO21858	5.02	2 1-	4ACSR	0	0	908	162	16	2	2	0.00	2.00	0
CO21624	CO21858	5.02	2 1-	4ACSR	0	0	908	162	10	1	1	0.00	2.00	0
CO21857	CO21856	5.03	4 1-	6ACWC	0	0	904	162	38	5	4	0.04	2.01	2
CO21631	CO21857	5.09	0 1-	4ACSR	0	0	888	162	0	0	0	0.00	2.01	0
CO21860	CO21857	5.10	3 1-	4ACSR	0	0	884	161	34	4	3	0.01	2.02	0
CO21862	CO21860	5.15	2 1-	4ACSR	0	0	872	161	29	3	3	0.01	2.03	0
CO21863	CO21862	5.20	1 1-	4ACSR	0	0	859	160	15	2	1	0.00	2.03	0
CO21861	CO21860	5.18	1 1-	4ACSR	0	0	864	161	6	0	1	0.00	2.03	0
CO22128	CO21971	4.54	23 1-	6HDCU	0	0	999	164	83	11	9	0.04	1.87	6
CO22253	CO22128	4.59	18 1-	6HDCU	0	0	984	164	73	9	8	0.02	1.89	0
CO23851	CO22253	4.62	15 1-	6HDCU	0	0	974	163	54	7	6	0.01	1.90	0
CO23852	CO23851	4.64	11 1-	6HDCU	0	0	969	163	50	6	5	0.00	1.90	0
CO21880	CO23852	4.66	11 1-	6HDCU	0	0	961	163	50	6	5	0.01	1.91	0
CO21881	CO21880	4.68	9 1-	6HDCU	0	0	954	163	40	5	4	0.00	1.92	0
CO21882	CO21881	4.71	7 1-	6HDCU	0	0	945	163	33	4	3	0.01	1.92	0
CO21883	CO21882	4.75	5 1-	6HDCU	0	0	934	162	23	3	2	0.00	1.92	0
CO21884	CO21883	4.79	1 1-	6HDCU	0	0	923	162	12	1	1	0.00	1.93	0
CO22244	CO22542	4.26	6 1-	4ACSR	0	0	1066	166	16	2	2	0.00	1.74	0
CO22245	CO22244	4.28	3 1-	4ACSR	0	0	1058	165	10	1	1	0.00	1.74	0
CO22246	CO22245	4.31	2 1-	4ACSR	0	0	1046	165	7	1	1	0.00	1.75	0
CO22269	CO22542	4.27	8 1-	4ACSR	0	0	1063	166	31	4	3	0.01	1.75	0
CO22270	CO22269	4.30	6 1-	4ACSR	0	0	1051	165	29	3	3	0.00	1.75	0
CO22267	CO22270	4.32	3 1-	4ACSR	0	0	1044	165	14	1	1	0.00	1.75	0
CO22268	CO22267	4.39	2 1-	4ACSR	0	0	1019	164	12	1	1	0.00	1.76	0
CO22291	CO22237	4.25	50 2-	4ACSR	0	1342	1061	165	186	12	9	0.04	1.75	11
CO22292	CO22291	4.27	47 2-	4ACSR	0	1331	1052	165	180	12	9	0.01	1.76	4
CO22127	CO22292	4.33	3 1-	4ACSR	0	0	1029	165	6	0	1	0.00	1.77	0
CO22126	CO22127	4.38	1 1-	4ACSR	0	0	1014	164	4	0	0	0.00	1.77	0
CO22233	CO22292	4.32	44 2-	4ACSR	0	1310	1035	165	174	11	8	0.02	1.79	6
CO22234	CO22233	4.34	42 2-	4ACSR	0	1300	1027	164	169	11	8	0.01	1.80	3
CO22283	CO22234	4.37	14 2-	6HDCU	0	1286	1015	164	66	4	3	0.01	1.80	0
CO22284	CO22283	4.41	13 2-	6HDCU	0	1269	1001	164	53	3	3	0.01	1.81	0
CO22252	CO22284	4.45	10 2-	6HDCU	0	1252	988	163	47	3	2	0.01	1.81	0
CO22249	CO22252	4.49	10 2-	6HDCU	0	1238	976	163	47	3	2	0.00	1.82	0
CO22250	CO22249	4.54	8 2-	6HDCU	0	1217	959	162	45	3	2	0.01	1.82	0
CO22455	CO22250	4.56	4 2-	6HDCU	0	1210	953	162	30	2	2	0.00	1.82	0
CO22541	CO22455	4.60	1 2-	6HDCU	0	1195	941	162	1	0	0	0.00	1.82	0
CO22227	CO22234	4.38	27 2-	6HDCU	0	1282	1011	164	95	6	5	0.01	1.81	0
CO22228	CO22227	4.50	23 2-	6HDCU	0	1235	974	163	85	5	4	0.03	1.83	3
CO22085	CO22228	4.52	19 2-	6HDCU	0	1224	964	163	71	4	4	0.01	1.84	0
CO22229	CO22085	4.58	17 2-	6HDCU	0	1201	946	162	63	4	3	0.01	1.85	0
CO22230	CO22229	4.62	13 2-	6HDCU	0	1185	933	162	52	3	3	0.01	1.85	0
CO22130	CO22230	4.66	2 1-	4ACSR	0	0	922	161	10	1	1	0.00	1.86	0
CO22129	CO22130	4.72	1 1-	4ACSR	0	0	905	161	9	1	1	0.00	1.86	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22231	CO22230	4.64	9 2-	6HDCU	0	1178	928	161	36	2	2	0.00	1.85	0
CO22232	CO22231	4.72	6 2-	6HDCU	0	1151	906	161	22	1	1	0.00	1.86	0
CO22223	CO22232	4.75	5 2-	6HDCU	0	1139	897	160	18	1	1	0.00	1.86	0
CO22222	CO22223	4.80	2 2-	6HDCU	0	1122	883	160	6	0	0	0.00	1.86	0
CO22510	CO22222	4.83	0 2-	6HDCU	0	1111	875	160	0	0	0	0.00	1.86	0
SW681-B	CO22510	4.83	0 2-	Open	0	1111	875	160	0	0	0	0.00	1.86	0
CO22027	CO22228	4.53	1 1-	4ACSR	0	0	962	163	3	0	0	0.00	1.83	0
CO22263	CO22237	4.19	84 1-	4ACSR	0	0	1082	166	322	43	31	0.03	1.74	14
CO22264	CO22263	4.24	81 1-	4ACSR	0	0	1065	165	314	42	30	0.08	1.82	42
CO22257	CO22264	4.27	19 1-	4ACSR	0	0	1052	165	60	8	6	0.01	1.84	0
CO22258	CO22257	4.29	17 1-	4ACSR	0	0	1044	165	56	7	5	0.01	1.84	0
CO22117	CO22258	4.33	9 1-	4ACSR	0	0	1030	165	29	3	3	0.01	1.85	0
CO22261	CO22117	4.34	6 1-	4ACSR	0	0	1026	164	21	2	2	0.00	1.85	0
CO22262	CO22261	4.36	4 1-	4ACSR	0	0	1019	164	9	1	1	0.00	1.85	0
CO22255	CO22258	4.32	6 1-	4ACSR	0	0	1034	165	19	2	2	0.00	1.85	0
CO22256	CO22255	4.35	5 1-	4ACSR	0	0	1023	164	17	2	2	0.00	1.85	0
CO22116	CO22256	4.38	1 1-	4ACSR	0	0	1012	164	7	1	1	0.00	1.85	0
CO22259	CO22264	4.27	60 1-	4ACSR	0	0	1052	165	249	33	24	0.05	1.87	20
CO22260	CO22259	4.35	58 1-	4ACSR	0	0	1023	164	239	32	23	0.11	1.99	44
CO21968	CO22260	4.44	54 1-	4ACSR	0	0	993	163	220	29	21	0.11	2.10	38
CO21969	CO21968	4.50	37 1-	4ACSR	0	0	971	163	145	19	14	0.06	2.15	14
CO22494	CO21969	4.51	34 1-	4ACSR	0	0	969	163	129	17	13	0.01	2.16	0
OC660	CO22494	4.51	34 1-	50 H OCR	0	0	969	163	129	17	35	0.00	2.16	0
CO22495	OC660	4.61	34 1-	4ACSR	0	0	938	162	129	17	13	0.07	2.23	15
CO23732	CO22495	4.65	1 1-	4/0ACSR	0	0	930	162	0	0	0	0.00	2.23	0
CO23731	CO22495	4.69	32 1-	4ACSR	0	0	912	161	117	15	11	0.06	2.29	12
CO23730	CO23731	4.73	2 1-	4ACSR	0	0	901	161	4	0	0	0.00	2.29	0
CO21590	CO23731	4.77	29 1-	4ACSR	0	0	889	160	107	14	10	0.05	2.35	9
CO21916	CO21590	5.04	26 1-	4ACSR	0	0	819	158	84	11	8	0.14	2.48	19
CO21917	CO21916	5.09	26 1-	4ACSR	0	0	805	157	84	11	8	0.03	2.51	4
CO21616	CO21917	5.15	2 1-	4ACSR	0	0	791	157	4	0	0	0.00	2.51	0
CO21914	CO21917	5.12	22 1-	4ACSR	0	0	800	157	75	10	7	0.01	2.52	0
CO21915	CO21914	5.20	22 1-	4ACSR	0	0	780	156	75	10	7	0.04	2.56	5
CO21591	CO21915	5.30	21 1-	4ACSR	0	0	759	155	71	9	7	0.04	2.60	4
CO21910	CO21591	5.37	4 1-	4ACSR	0	0	745	155	17	2	2	0.01	2.61	0
CO21912	CO21910	5.50	4 1-	4ACSR	0	0	719	154	17	2	2	0.01	2.62	0
CO21618	CO21912	5.56	1 1-	4ACSR	0	0	707	153	9	1	1	0.00	2.62	0
CO21913	CO21912	5.51	3 1-	4ACSR	0	0	716	153	9	1	1	0.00	2.62	0
CO21911	CO21913	5.53	2 1-	4ACSR	0	0	713	153	7	0	1	0.00	2.62	0
CO21908	CO21591	5.33	14 1-	4ACSR	0	0	753	155	47	6	5	0.01	2.61	0
CO21909	CO21908	5.35	14 1-	4ACSR	0	0	749	155	47	6	5	0.01	2.61	0
CO21906	CO21909	5.38	3 1-	4ACSR	0	0	742	155	13	1	1	0.00	2.62	0
CO21907	CO21906	5.42	3 1-	4ACSR	0	0	734	154	13	1	1	0.00	2.62	0
CO21904	CO21909	5.39	11 1-	4ACSR	0	0	741	155	34	4	3	0.01	2.62	0
CO21905	CO21904	5.40	10 1-	4ACSR	0	0	738	154	32	4	3	0.00	2.63	0
CO21903	CO21905	5.65	10 1-	4ACSR	0	0	691	152	32	4	3	0.05	2.67	3
CO21901	CO21903	5.74	7 1-	4ACSR	0	0	676	151	31	4	3	0.02	2.69	0
CO21902	CO21901	5.84	7 1-	4ACSR	0	0	658	151	31	4	3	0.02	2.71	0
CO21592	CO21902	6.03	6 1-	4ACSR	0	0	629	149	30	4	3	0.03	2.74	0
CO21593	CO21592	6.14	4 1-	4ACSR	0	0	613	148	11	1	1	0.01	2.75	0
CO21897	CO21593	6.27	2 1-	4ACSR	0	0	594	147	6	0	1	0.00	2.75	0
CO21898	CO21897	6.35	2 1-	4ACSR	0	0	584	146	6	0	1	0.00	2.75	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21899	CO21898	6.40	2 1-	4ACSR	0	0	578	146	6	0	1	0.00	2.76	0
CO21623	CO21899	6.46	1 1-	4ACSR	0	0	571	146	0	0	0	0.00	2.76	0
CO21900	CO21899	6.42	1 1-	4ACSR	0	0	575	146	6	0	1	0.00	2.76	0
CO21895	CO21593	6.27	2 1-	2ACSR	0	0	599	147	5	0	0	0.00	2.75	0
CO21896	CO21895	6.31	1 1-	2ACSR	0	0	594	147	3	0	0	0.00	2.75	0
CO21893	CO21593	6.19	0 1-	4/0ACSR	0	0	610	148	0	0	0	0.00	2.75	0
CO21894	CO21893	6.24	0 1-	4/0ACSR	0	0	607	148	0	0	0	0.00	2.75	0
CO21622	CO21592	6.11	1 1-	4ACSR	0	0	618	148	11	1	1	0.00	2.74	0
CO21621	CO21902	5.93	1 1-	4ACSR	0	0	643	150	1	0	0	0.00	2.71	0
CO21620	CO21903	5.71	2 1-	4ACSR	0	0	681	152	1	0	0	0.00	2.67	0
CO21619	CO21903	5.69	1 1-	4ACSR	0	0	684	152	1	0	0	0.00	2.67	0
CO21617	CO21915	5.24	1 1-	4ACSR	0	0	772	156	4	0	0	0.00	2.56	0
CO21918	CO21917	5.18	2 1-	4ACSR	0	0	785	156	5	0	1	0.00	2.51	0
CO21919	CO21918	5.29	1 1-	4ACSR	0	0	761	155	3	0	0	0.00	2.51	0
CO21615	CO21590	4.85	3 1-	4ACSR	0	0	868	160	22	3	2	0.01	2.36	0
CO21636	CO21615	4.87	2 1-	4ACSR	0	0	861	159	22	3	2	0.00	2.36	0
CO1003891726	CO21636	4.93	1 1-	4ACSR	0	0	846	159	11	1	1	0.00	2.36	0
CO21614	CO23731	4.86	1 1-	4ACSR	0	0	864	159	6	0	1	0.00	2.30	0
CO22121	CO21969	4.65	3 1-	4ACSR	0	0	924	161	16	2	2	0.01	2.16	0
CO22266	CO22121	4.82	1 1-	4ACSR	0	0	875	160	2	0	0	0.00	2.16	0
CO22035	CO21968	4.46	1 1-	4ACSR	0	0	984	163	10	1	1	0.00	2.10	0
CO22120	CO21968	4.51	11 1-	4ACSR	0	0	968	163	47	6	5	0.02	2.12	0
CO22413	CO22120	4.55	1 1-	4ACSR	0	0	956	162	2	0	0	0.00	2.12	0
CO22412	CO22413	4.59	1 1-	4ACSR	0	0	944	162	2	0	0	0.00	2.12	0
CO22265	CO22120	4.57	6 1-	4ACSR	0	0	948	162	34	4	3	0.01	2.13	0
CO22460	CO22265	4.59	3 1-	4ACSR	0	0	944	162	16	2	2	0.00	2.13	0
CO22459	CO22460	4.62	3 1-	4ACSR	0	0	932	162	16	2	2	0.00	2.13	0
CO22498	CO22260	4.36	1 1-	4ACSR	0	0	1021	164	9	1	1	0.00	1.99	0
CO22499	CO22498	4.41	1 1-	4ACSR	0	0	1001	164	9	1	1	0.00	1.99	0
CO22430	CO22499	4.62	0 1-	4ACSR	0	0	935	162	0	0	0	0.00	1.99	0
SW1917994366-B	CO22430	4.62	0 1-	Closed	0	0	935	162	0	0	0	0.00	1.99	0
SW1917994366-A	SW1917994366-B	4.62	0 1-	Closed	0	0	935	162	0	0	0	0.00	1.99	0
CO22429	SW1917994366-A	4.65	0 1-	4ACSR	0	0	923	161	0	0	0	0.00	1.99	0
CO22431	CO22429	4.75	0 1-	4ACSR	0	0	896	160	0	0	0	0.00	1.99	0
CO22288	CO22431	4.85	0 1-	4ACSR	0	0	867	159	0	0	0	0.00	1.99	0
CO22467	CO22288	4.88	0 1-	4ACSR	0	0	859	159	0	0	0	0.00	1.99	0
CO22466	CO22467	4.94	0 1-	4ACSR	0	0	844	159	0	0	0	0.00	1.99	0
CO22462	CO22466	4.97	0 1-	4ACSR	0	0	835	158	0	0	0	0.00	1.99	0
SW1131714329-B	CO22462	4.97	0 1-	Open	0	0	835	158	0	0	0	0.00	1.99	0
CO22034	CO22260	4.43	1 1-	4ACSR	0	0	996	164	5	0	0	0.00	1.99	0
CO22025	CO22219	3.72	5 1-	4ACSR	0	0	1189	167	27	3	3	0.01	1.35	0
CO-1880662507	CO22025	3.77	1 1-	2ACSR	0	0	1169	167	9	1	1	0.00	1.35	0
CO22407	CO21961	3.53	348 3-	1/0ACSR	1670	1553	1244	168	2097	94	41	0.19	1.33	601
CO22406	CO22407	3.54	347 3-	1/0ACSR	1666	1549	1241	168	2091	94	41	0.01	1.35	42
CO22087	CO22406	3.57	346 3-	2ACSR	1651	1536	1229	168	2011	91	51	0.07	1.41	215
CO22451	CO22087	3.60	346 3-	2ACSR	1633	1520	1215	168	2010	91	51	0.08	1.49	255
OC1883089213	CO22451	3.60	346 3-	100 L OCR	1633	1520	1215	168	2009	91	91	0.00	1.49	0
CO22450	OC1883089213	3.64	346 3-	2ACSR	1614	1504	1201	167	2009	91	51	0.08	1.58	271
OC1758888866	CO22450	3.64	345 3-	100 L OCR	1614	1504	1201	167	2002	90	91	0.00	1.58	0
CO22308	OC1758888866	3.67	345 3-	2ACSR	1596	1488	1187	167	2002	90	50	0.08	1.66	268
CO22309	CO22308	3.69	345 3-	2ACSR	1585	1478	1179	167	2001	90	50	0.05	1.71	155
CO22224	CO22309	3.75	342 3-	2ACSR	1558	1454	1158	167	1991	90	50	0.13	1.84	412

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22330	CO22224	3.90	338 3-	1/0ACSR	1500	1401	1113	166	1981	90	39	0.23	2.07	706
CO22115	CO22330	3.93	2 1-	4ACSR	0	0	1099	165	5	0	0	0.00	2.07	0
CO22114	CO22115	3.97	1 1-	4ACSR	0	0	1084	165	4	0	0	0.00	2.07	0
CO22026	CO22330	3.97	1 1-	4ACSR	0	0	1086	165	1	0	0	0.00	2.07	0
CO22331	CO22330	3.97	335 3-	1/0ACSR	1475	1379	1094	165	1972	89	39	0.10	2.17	316
CO22349	CO22331	3.98	334 3-	1/0ACSR	1470	1374	1090	165	1964	89	39	0.02	2.20	65
CO22220	CO22349	4.02	2 3-	1/0ACSR	1456	1361	1079	165	51	2	1	0.00	2.20	0
CO22221	CO22220	4.05	1 3-	1/0ACSR	1445	1352	1071	165	32	1	1	0.00	2.20	0
CO22477	CO22349	4.06	332 3-	1/0ACSR	1444	1351	1070	165	1913	87	38	0.11	2.31	320
CO22476	CO22477	4.11	331 3-	1/0ACSR	1425	1333	1055	165	1911	87	38	0.08	2.39	243
CO22478	CO22476	4.20	331 3-	1/0ACSR	1397	1308	1034	164	1910	87	38	0.13	2.51	371
CO22475	CO22478	4.26	331 3-	1/0ACSR	1378	1290	1019	164	1908	87	38	0.09	2.60	259
CO22479	CO22475	4.37	331 3-	1/0ACSR	1342	1257	992	164	1907	87	38	0.17	2.78	513
CO22521	CO22479	4.44	331 3-	1/0ACSR	1324	1241	978	163	1905	87	38	0.09	2.87	270
CO22520	CO22521	4.44	331 3-	1/0ACSR	1323	1240	977	163	1904	87	38	0.01	2.88	21
CO23741	CO22520	4.49	300 3-	1/0ACSR	1308	1226	965	163	1685	77	34	0.07	2.95	180
CO21370	CO23741	4.51	300 3-	1/0ACSR	1301	1220	960	163	1684	77	34	0.03	2.98	75
CO1906815099	CO21370	4.68	1 3-	2ACSR	1247	1172	920	162	0	0	0	0.00	2.98	0
CO23740	CO21370	4.56	2 3-	4ACSR	1279	1201	945	162	15	0	0	0.00	2.98	0
CO23739	CO23740	4.60	1 1-	4ACSR	0	0	934	162	12	1	1	0.00	2.98	0
CO21454	CO21370	4.62	296 3-	1/0ACSR	1274	1194	939	162	1666	76	33	0.13	3.11	337
CO21453	CO21454	4.63	295 3-	1/0ACSR	1270	1191	936	162	1652	75	33	0.02	3.13	49
CO21451	CO21453	4.73	293 3-	1/0ACSR	1242	1166	915	162	1646	75	33	0.13	3.26	340
CO21452	CO21451	4.78	292 3-	1/0ACSR	1231	1155	907	162	1634	75	33	0.06	3.32	147
CO21456	CO21452	4.83	15 3-	4ACSR	1209	1136	891	161	147	6	5	0.01	3.33	3
CO21455	CO21456	4.89	13 3-	4ACSR	1187	1118	876	161	124	5	4	0.01	3.34	2
CO21458	CO21455	4.94	11 3-	4ACSR	1167	1101	862	160	100	4	3	0.01	3.35	0
CO21457	CO21458	4.98	10 3-	4ACSR	1152	1087	851	160	91	4	3	0.01	3.36	0
CO23738	CO21457	5.05	10 3-	4ACSR	1127	1066	834	159	91	4	3	0.01	3.37	0
CO22334	CO23738	5.06	6 1-	4ACSR	0	0	831	159	61	8	6	0.00	3.37	0
CO-68907558	CO22334	5.09	1 1-	2ACSR	0	0	826	159	17	2	1	0.00	3.38	0
CO-1591963750	CO-68907558	5.14	1 1-	2ACSR	0	0	816	158	17	2	1	0.00	3.38	0
CO22335	CO22334	5.10	1 1-	4ACSR	0	0	821	159	16	2	2	0.00	3.38	0
CO22125	CO22334	5.20	4 1-	4ACSR	0	0	799	158	27	3	3	0.02	3.39	0
CO22039	CO22125	5.27	1 1-	4ACSR	0	0	783	157	9	1	1	0.00	3.40	0
CO22225	CO22125	5.21	2 1-	4ACSR	0	0	796	158	11	1	1	0.00	3.39	0
CO22226	CO22225	5.25	1 1-	4ACSR	0	0	788	157	11	1	1	0.00	3.40	0
CO22336	CO23738	5.13	4 3-	4ACSR	1101	1044	816	158	31	1	1	0.00	3.37	0
CO22483	CO22336	5.16	3 3-	4ACSR	1090	1033	808	158	30	1	1	0.00	3.38	0
CO22417	CO22483	5.21	2 1-	2ACSR	0	0	798	158	8	1	1	0.00	3.38	0
CO22416	CO22417	5.40	2 1-	2ACSR	0	0	766	157	8	1	1	0.01	3.38	0
CO22418	CO22416	5.45	2 1-	2ACSR	0	0	757	156	8	1	1	0.00	3.38	0
CO22537	CO22483	5.22	1 3-	4ACSR	1068	1014	793	157	21	0	1	0.00	3.38	0
CO21401	CO21455	4.94	1 1-	4ACSR	0	0	864	160	13	1	1	0.00	3.34	0
CO21574	CO21452	4.79	277 3-	1/0ACSR	1229	1154	905	162	1487	68	30	0.01	3.33	18
CO-432672873	CO21574	4.86	277 3-	2ACSR	1207	1134	889	161	1487	68	38	0.13	3.45	304
CO21402	CO-432672873	4.91	6 1-	4ACSR	0	0	874	161	21	2	2	0.00	3.45	0
CO-1662235658	CO-432672873	4.91	271 3-	2ACSR	1193	1121	879	161	1464	67	37	0.08	3.53	200
CO21459	CO-1662235658	4.96	271 3-	1/0ACSR	1180	1109	869	161	1463	67	29	0.06	3.60	145
CO463622821	CO21459	4.98	1 1-	2ACSR	0	0	865	161	1	0	0	0.00	3.60	0
CO1636174070	CO463622821	5.01	1 1-	2ACSR	0	0	858	160	1	0	0	0.00	3.60	0
CO21535	CO1636174070	5.07	1 1-	4ACSR	0	0	843	160	1	0	0	0.00	3.60	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21461	CO21459	5.01	265 3-	1/0ACSR	1167	1098	859	160	1440	66	29	0.06	3.66	132
CO21460	CO21461	5.14	262 3-	1/0ACSR	1139	1072	838	160	1425	65	29	0.14	3.80	315
CO21371	CO21460	5.22	258 3-	1/0ACSR	1123	1056	826	159	1415	65	28	0.09	3.89	189
CO21411	CO21371	5.25	7 1-	2ACSR	0	0	819	159	55	7	4	0.01	3.89	0
CO21567	CO21411	5.29	7 1-	1/0PRIURD	0	0	813	342	55	7	5	0.01	3.90	0
CO21417	CO21567	5.35	7 1-	1/0PRIURD	0	0	805	341	55	7	5	0.01	3.91	0
CO21416	CO21417	5.46	7 1-	1/0PRIURD	0	0	790	338	55	7	5	0.01	3.92	0
CO21581	CO21416	5.64	5 1-	1/0PRIURD	0	0	766	334	38	5	3	0.02	3.94	0
CO21580	CO21581	5.64	3 1-	1/0PRIURD	0	0	766	334	22	3	2	0.00	3.94	0
CO21543	CO21580	5.71	2 1-	4ACSR	0	0	751	157	17	2	2	0.00	3.94	0
CO21545	CO21580	5.66	1 1-	4ACSR	0	0	762	157	5	0	1	0.00	3.94	0
CO21544	CO21545	5.67	1 1-	4ACSR	0	0	759	157	5	0	1	0.00	3.94	0
CO21541	CO21544	5.75	0 1-	4ACSR	0	0	744	157	0	0	0	0.00	3.94	0
CO21568	CO21567	5.31	0 1-	1/0PRIURD	0	0	811	342	0	0	0	0.00	3.90	0
CO21472	CO21371	5.52	3 1-	6HDCU	0	0	759	157	8	1	1	0.01	3.90	0
CO21471	CO21472	5.58	3 1-	6HDCU	0	0	747	156	8	1	1	0.00	3.90	0
CO21538	CO21471	5.70	1 1-	4ACSR	0	0	725	155	0	0	0	0.00	3.90	0
CO21537	CO21538	5.79	1 1-	4ACSR	0	0	707	154	0	0	0	0.00	3.90	0
CO21473	CO21471	5.87	2 1-	6HDCU	0	0	693	154	7	1	1	0.01	3.92	0
CO21475	CO21473	5.99	2 1-	6HDCU	0	0	674	153	7	1	1	0.00	3.92	0
CO21474	CO21475	6.03	1 1-	6HDCU	0	0	666	152	2	0	0	0.00	3.92	0
CO21470	CO21371	5.27	247 3-	1/0ACSR	1112	1046	817	159	1339	61	27	0.05	3.94	112
CO21469	CO21470	5.31	245 3-	1/0ACSR	1103	1039	811	159	1309	60	26	0.04	3.98	87
CO21464	CO21469	5.38	244 3-	1/0ACSR	1091	1027	801	159	1297	60	26	0.06	4.05	128
CO21463	CO21464	5.43	241 3-	1/0ACSR	1080	1017	793	158	1278	59	26	0.06	4.10	113
CO21465	CO21463	5.49	239 3-	1/0ACSR	1069	1007	785	158	1269	58	26	0.06	4.16	110
CO21462	CO21465	5.54	237 3-	1/0ACSR	1059	997	777	158	1249	57	25	0.05	4.21	102
CO21466	CO21462	5.58	236 3-	1/0ACSR	1052	991	772	158	1240	57	25	0.04	4.25	70
CO21546	CO21466	5.63	2 1-	4ACSR	0	0	762	157	15	2	1	0.00	4.25	0
CO21542	CO21546	5.68	1 1-	4ACSR	0	0	752	157	7	0	1	0.00	4.25	0
CO21468	CO21466	5.68	234 3-	1/0ACSR	1032	973	757	157	1225	56	25	0.10	4.35	197
CO21467	CO21468	5.81	230 3-	1/0ACSR	1009	952	740	157	1213	56	24	0.13	4.48	237
CO21372	CO21467	5.92	229 3-	1/0ACSR	991	935	726	156	1204	55	24	0.11	4.58	198
CO21480	CO21372	5.98	213 3-	1/0ACSR	982	927	720	156	1115	51	23	0.05	4.63	80
CO21479	CO21480	6.00	212 3-	1/0ACSR	979	923	717	156	1103	51	22	0.02	4.65	32
CO21379	CO21479	6.03	29 1-	4ACSR	0	0	711	156	231	32	23	0.05	4.70	19
CO21408	CO21379	6.06	1 1-	2ACSR	0	0	708	156	9	1	1	0.00	4.70	0
CO21511	CO21379	6.04	28 1-	4ACSR	0	0	710	156	222	30	22	0.01	4.71	5
OC1594843032	CO21511	6.04	27 1-	50 L OCR	0	0	710	156	222	30	0	0.00	4.71	0
CO21503	OC1594843032	6.06	27 1-	4ACSR	0	0	706	155	222	30	22	0.02	4.73	9
CO21499	CO21503	6.09	26 1-	4ACSR	0	0	700	155	212	29	21	0.04	4.78	15
CO21498	CO21499	6.12	25 1-	4ACSR	0	0	695	155	200	27	20	0.04	4.81	12
CO21502	CO21498	6.16	21 1-	4ACSR	0	0	690	155	175	24	17	0.03	4.84	9
CO21500	CO21502	6.19	17 1-	4ACSR	0	0	685	154	149	20	15	0.03	4.87	6
CO21501	CO21500	6.21	13 1-	4ACSR	0	0	681	154	119	16	12	0.02	4.89	3
CO958508272	CO21501	6.30	1 1-	2ACSR	0	0	669	154	6	0	0	0.00	4.89	0
CO21506	CO21501	6.24	11 1-	4ACSR	0	0	675	154	104	14	10	0.02	4.91	4
CO21507	CO21506	6.27	10 1-	4ACSR	0	0	670	154	93	12	9	0.02	4.92	3
CO21407	CO21507	6.30	2 1-	2ACSR	0	0	667	153	19	2	1	0.00	4.93	0
CO21561	CO21507	6.29	3 1-	2ACSR	0	0	668	153	32	4	3	0.00	4.93	0
CO21560	CO21561	6.30	1 1-	2ACSR	0	0	666	153	15	2	1	0.00	4.93	0
CO21562	CO21560	6.33	1 1-	2ACSR	0	0	663	153	15	2	1	0.00	4.93	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21510	CO21507	6.29	5 1-	4ACSR	0	0	667	153	42	5	4	0.00	4.93	0
CO21509	CO21510	6.33	3 1-	4ACSR	0	0	662	153	26	3	3	0.00	4.93	0
CO21508	CO21509	6.34	1 1-	4ACSR	0	0	659	153	9	1	1	0.00	4.93	0
CO21504	CO21508	6.36	1 1-	4ACSR	0	0	657	153	9	1	1	0.00	4.93	0
CO21505	CO21504	6.40	0 1-	4ACSR	0	0	650	152	0	0	0	0.00	4.93	0
CO21486	CO21479	6.02	178 3-	1/0ACSR	976	920	715	156	856	39	17	0.01	4.66	18
CO21481	CO21486	6.04	178 3-	1/0ACSR	972	917	712	156	856	39	17	0.02	4.68	22
CO21484	CO21481	6.05	178 3-	1/0ACSR	970	915	711	156	855	39	17	0.01	4.69	9
CO21483	CO21484	6.08	178 3-	1/0ACSR	966	912	708	156	855	39	17	0.02	4.70	24
CO21485	CO21483	6.14	178 3-	1/0ACSR	957	903	701	155	855	39	17	0.04	4.74	53
CO21482	CO21485	6.19	177 3-	1/0ACSR	948	895	695	155	846	39	17	0.04	4.78	51
CO21406	CO21482	6.38	2 1-	4ACSR	0	0	663	153	2	0	0	0.00	4.78	0
CO21488	CO21482	6.26	175 3-	1/0ACSR	938	886	687	155	844	39	17	0.05	4.83	60
CO21487	CO21488	6.33	175 3-	1/0ACSR	929	877	680	155	844	39	17	0.04	4.87	57
CO30656	CO21487	6.40	168 3-	1/0ACSR	919	867	672	154	818	38	17	0.05	4.92	59
CO21489	CO30656	6.59	167 3-	1/0ACSR	892	842	652	153	806	37	16	0.13	5.05	159
CO21490	CO21489	6.61	167 3-	1/0ACSR	889	840	650	153	805	37	16	0.01	5.06	16
CO21354	CO21490	6.67	167 3-	1/0ACSR	882	833	645	153	805	37	16	0.04	5.09	44
CO21532	CO21354	6.74	6 1-	4ACSR	0	0	635	152	31	4	3	0.01	5.11	0
CO21533	CO21532	6.80	4 1-	4ACSR	0	0	626	152	24	3	2	0.01	5.11	0
CO21583	CO21533	6.85	3 1-	4ACSR	0	0	618	151	14	1	1	0.00	5.12	0
CO21419	CO21354	6.74	159 3-	1/0ACSR	872	824	638	153	765	35	16	0.05	5.14	56
CO21420	CO21419	6.80	159 3-	1/0ACSR	865	818	633	153	765	35	16	0.03	5.17	40
CO21418	CO21420	6.85	159 3-	1/0ACSR	858	811	627	152	765	35	16	0.04	5.21	42
CO21514	CO21418	6.90	126 3-	1/0ACSR	852	806	623	152	607	28	12	0.02	5.23	22
CO21516	CO21514	6.99	126 3-	1/0ACSR	841	795	615	152	607	28	12	0.05	5.28	43
CO21515	CO21516	7.03	126 3-	1/0ACSR	836	791	611	152	607	28	12	0.02	5.30	18
CO21380	CO21515	7.13	121 1-	6HDCU	0	0	598	151	600	84	65	0.38	5.68	383
CO21357	CO21380	7.20	118 1-	6HDCU	0	0	589	150	589	83	64	0.27	5.95	260
CO21358	CO21357	7.30	117 1-	6HDCU	0	0	577	149	585	82	64	0.38	6.32	367
CO21378	CO21358	7.37	117 1-	6HDCU	0	0	569	149	584	82	64	0.24	6.56	236
CO21491	CO21378	7.46	115 1-	6HDCU	0	0	559	148	569	81	62	0.34	6.91	326
CO21496	CO21491	7.51	113 1-	6HDCU	0	0	553	148	561	80	62	0.17	7.07	156
CO21495	CO21496	7.60	112 1-	6HDCU	0	0	543	147	557	79	61	0.32	7.39	299
CO21497	CO21495	7.65	109 1-	6HDCU	0	0	538	146	535	76	59	0.18	7.57	159
CO1394043038	CO21497	7.97	89 1-	2ACSR	0	0	512	145	450	64	36	0.66	8.23	477
OC2026768303	CO1394043038	7.97	89 1-	35 L OCR	0	0	512	145	447	64	185	0.00	8.23	0
OH184	OC2026768303	7.98	89 1-	2ACSR	0	0	512	144	447	64	36	0.02	8.25	14
OH185	OH184	7.98	89 1-	2ACSR	0	0	512	144	447	64	36	0.00	8.25	0
CO30549	OH185	8.11	89 1-	4ACSR	0	0	500	144	447	64	46	0.37	8.61	279
CO18899	CO30549	8.14	4 1-	4ACSR	0	0	497	143	21	3	2	0.00	8.62	0
CO23767	CO18899	8.18	3 1-	4ACSR	0	0	493	143	13	1	1	0.00	8.62	0
CO21534	CO23767	8.31	3 1-	4ACSR	0	0	482	142	13	1	1	0.01	8.63	0
CO1432182210	CO21534	8.42	1 1-	2ACSR	0	0	474	141	5	0	0	0.00	8.63	0
CO107576208	CO1432182210	8.47	1 1-	2ACSR	0	0	471	141	5	0	0	0.00	8.63	0
CO18869	CO30549	8.15	84 1-	4ACSR	0	0	496	143	424	61	44	0.12	8.74	88
CO166337835	CO18869	8.17	83 1-	2ACSR	0	0	494	143	413	59	33	0.04	8.77	24
CO967454169	CO166337835	8.23	83 1-	2ACSR	0	0	490	143	412	59	33	0.10	8.87	68
CO18992	CO967454169	8.25	81 1-	4ACSR	0	0	488	143	399	57	41	0.06	8.94	42
CO18991	CO18992	8.29	80 1-	4ACSR	0	0	485	142	388	56	40	0.08	9.02	54
CO18994	CO18991	8.35	78 1-	4ACSR	0	0	480	142	368	53	38	0.15	9.17	94
CO18993	CO18994	8.40	77 1-	4ACSR	0	0	476	141	361	52	38	0.12	9.29	76

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-1548548558	CO18993	8.47	1 1-	2ACSR	0	0	471	141	5	0	0	0.00	9.29	0
	CO18953	8.46	75 1-	4ACSR	0	0	470	141	354	51	37	0.15	9.45	92
	CO18988	8.58	74 1-	4ACSR	0	0	461	140	344	50	36	0.26	9.71	156
	CO18990	8.60	73 1-	4ACSR	0	0	459	140	341	49	36	0.05	9.76	26
	CO18989	8.63	72 1-	4ACSR	0	0	457	140	340	49	36	0.06	9.81	32
	CO18832	8.69	6 1-	4ACSR	0	0	452	139	31	4	3	0.01	9.82	0
	CO18870	8.79	1 1-	4ACSR	0	0	445	139	5	0	1	0.00	9.83	0
	CO18833	8.77	5 1-	4ACSR	0	0	446	139	26	3	3	0.01	9.84	0
	CO18871	8.85	2 1-	4ACSR	0	0	440	138	3	0	0	0.00	9.84	0
	CO23768	9.06	3 1-	4ACSR	0	0	425	137	22	3	2	0.03	9.87	0
	CO21450	9.08	2 1-	4ACSR	0	0	424	136	10	1	1	0.00	9.87	0
	CO21398	9.21	0 1-	4ACSR	0	0	415	136	0	0	0	0.00	9.87	0
	CO21369	9.15	2 1-	4ACSR	0	0	419	136	10	1	1	0.00	9.87	0
	CO23769	9.46	2 1-	4ACSR	0	0	399	134	10	1	1	0.02	9.89	0
	CO18900	9.50	2 1-	4ACSR	0	0	397	133	10	1	1	0.00	9.90	0
	CO18873	9.58	0 1-	4ACSR	0	0	392	133	0	0	0	0.00	9.90	0
	CO18872	9.58	2 1-	4ACSR	0	0	392	133	10	1	1	0.00	9.90	0
	CO21399	9.29	0 1-	4ACSR	0	0	410	135	0	0	0	0.00	9.87	0
	CO18830	8.72	65 1-	4ACSR	0	0	450	139	294	43	31	0.18	9.99	92
CO1133845876	CO18830	8.85	2 1-	4ACSR	0	0	440	138	8	1	1	0.01	10.00	0
CO1835032348	CO1133845876	8.98	1 1-	2ACSR	0	0	433	137	7	0	1	0.00	10.00	0
CO-287486899	CO1133845876	8.95	1 1-	4ACSR	0	0	433	137	1	0	0	0.00	10.00	0
	CO18987	9.11	1 1-	4ACSR	0	0	422	136	1	0	0	0.00	10.00	0
	CO19036	9.13	0 1-	4ACSR	0	0	420	136	0	0	0	0.00	10.00	0
	SW571-B	9.13	0 1-	Open	0	0	420	136	0	0	0	0.00	10.00	0
	CO18829	8.81	62 1-	4ACSR	0	0	443	138	278	40	29	0.17	10.16	80
	CO18866	8.89	1 1-	4ACSR	0	0	437	138	1	0	0	0.00	10.16	0
	CO18828	8.98	60 1-	4ACSR	0	0	431	137	266	39	28	0.30	10.46	136
	CO18897	9.05	1 1-	4ACSR	0	0	426	137	5	0	0	0.00	10.46	0
	CO18898	9.11	1 1-	4ACSR	0	0	422	136	5	0	0	0.00	10.46	0
	CO18827	9.01	59 1-	4ACSR	0	0	429	137	261	38	27	0.05	10.51	23
	CO18865	9.11	2 1-	4ACSR	0	0	422	136	2	0	0	0.00	10.51	0
	CO18864	9.11	0 1-	4ACSR	0	0	422	136	0	0	0	0.00	10.51	0
	CO18826	9.12	57 1-	4ACSR	0	0	421	136	258	38	27	0.20	10.71	89
	CO18951	9.20	3 1-	4ACSR	0	0	416	136	7	1	1	0.00	10.71	0
	CO18952	9.25	1 1-	4ACSR	0	0	412	135	0	0	0	0.00	10.71	0
	CO18825	9.19	54 1-	4ACSR	0	0	417	136	251	37	26	0.11	10.82	47
	CO19035	9.34	49 1-	4ACSR	0	0	407	135	219	32	23	0.22	11.03	81
	OC572	9.34	47 1-	35 H OCR	0	0	407	135	208	30	88	0.00	11.03	0
	CO19034	9.35	47 1-	4ACSR	0	0	406	135	208	30	22	0.01	11.04	3
	CO18948	9.43	3 1-	4ACSR	0	0	401	134	4	0	0	0.00	11.04	0
	CO18949	9.51	2 1-	4ACSR	0	0	396	133	0	0	0	0.00	11.04	0
CO-1954166014	CO18949	9.57	0 1-	2ACSR	0	0	394	133	0	0	0	0.00	11.04	0
CO1282523971	CO-1954166014	9.58	0 1-	2ACSR	0	0	393	133	0	0	0	0.00	11.04	0
	CO18824	9.50	44 1-	4ACSR	0	0	397	134	204	30	22	0.20	11.24	68
	CO19002	9.66	29 1-	4ACSR	0	0	388	132	154	22	16	0.16	11.40	43
	CO19001	9.71	28 1-	4ACSR	0	0	385	132	145	21	15	0.05	11.45	12
	CO18997	9.80	3 1-	4ACSR	0	0	380	131	14	2	1	0.01	11.46	0
	CO18998	9.83	1 1-	4ACSR	0	0	378	131	4	0	0	0.00	11.46	0
	CO18823	9.82	23 1-	4ACSR	0	0	379	131	123	18	13	0.09	11.54	19
	CO18999	9.85	4 1-	4ACSR	0	0	377	131	12	1	1	0.00	11.54	0
	CO19000	9.93	2 1-	4ACSR	0	0	373	131	1	0	0	0.00	11.54	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18822	CO18823	9.90	19 1-	4ACSR	0	0	374	131	111	16	12	0.06	11.60	12
CO18895	CO18822	10.04	18 1-	4ACSR	0	0	367	130	105	15	11	0.10	11.70	18
CO18894	CO18895	10.19	18 1-	4ACSR	0	0	359	129	105	15	11	0.11	11.81	20
CO18889	CO18894	10.30	14 1-	4ACSR	0	0	354	128	85	12	9	0.06	11.87	8
CO18890	CO18889	10.34	11 1-	4ACSR	0	0	352	128	68	10	7	0.02	11.88	0
CO18967	CO18890	10.38	9 1-	4ACSR	0	0	350	128	58	8	6	0.01	11.90	0
CO18969	CO18967	10.43	2 1-	2ACSR	0	0	348	127	17	2	1	0.00	11.90	0
CO18964	CO18969	10.49	2 1-	2ACSR	0	0	346	127	17	2	1	0.00	11.91	0
CO18965	CO18964	10.58	2 1-	2ACSR	0	0	343	127	17	2	1	0.01	11.91	0
CO18966	CO18965	10.63	2 1-	2ACSR	0	0	341	127	17	2	1	0.00	11.92	0
CO23843	CO18966	10.78	1 1-	2ACSR	0	0	336	126	8	1	1	0.00	11.92	0
CO18799	CO23843	10.81	0 1-	2ACSR	0	0	335	126	0	0	0	0.00	11.92	0
CO18800	CO18799	10.90	0 1-	2ACSR	0	0	332	125	0	0	0	0.00	11.92	0
CO18722	CO18800	10.96	0 1-	2ACSR	0	0	330	125	0	0	0	0.00	11.92	0
CO18723	CO18722	11.04	0 1-	2ACSR	0	0	328	125	0	0	0	0.00	11.92	0
CO18968	CO18967	10.46	7 1-	4ACSR	0	0	346	127	41	6	4	0.02	11.92	0
CO420935310	CO18968	10.52	1 1-	2ACSR	0	0	344	127	15	2	1	0.00	11.92	0
CO18891	CO18968	10.49	4 1-	4ACSR	0	0	345	127	18	2	2	0.00	11.92	0
CO18892	CO18891	10.56	4 1-	4ACSR	0	0	342	127	18	2	2	0.01	11.93	0
CO18893	CO18892	10.60	3 1-	4ACSR	0	0	340	126	17	2	2	0.00	11.94	0
CO18995	CO18893	10.62	3 1-	4ACSR	0	0	339	126	17	2	2	0.00	11.94	0
CO18996	CO18995	10.66	1 1-	4ACSR	0	0	337	126	5	0	1	0.00	11.94	0
CO18857	CO18892	10.79	1 1-	4ACSR	0	0	332	125	1	0	0	0.00	11.93	0
CO18856	CO18968	10.50	1 1-	4ACSR	0	0	344	127	2	0	0	0.00	11.92	0
CO18877	CO18890	10.41	1 1-	4ACSR	0	0	349	128	8	1	1	0.00	11.89	0
CO18835	CO18894	10.35	4 1-	4ACSR	0	0	351	128	20	2	2	0.02	11.83	0
CO19021	CO18835	10.43	4 1-	4ACSR	0	0	348	127	20	2	2	0.01	11.84	0
CO19020	CO19021	10.46	4 1-	4ACSR	0	0	346	127	20	2	2	0.00	11.84	0
CO19017	CO19020	10.63	0 1-	4ACSR	0	0	339	126	0	0	0	0.00	11.84	0
CO18855	CO19020	10.58	3 1-	4ACSR	0	0	341	126	16	2	2	0.01	11.85	0
CO18878	CO18835	10.41	0 1-	4/0ACSR	0	0	350	128	0	0	0	0.00	11.83	0
CO18858	CO18822	9.94	1 1-	4ACSR	0	0	372	131	6	0	1	0.00	11.60	0
CO18896	CO18824	9.64	10 1-	4ACSR	0	0	389	133	23	3	2	0.02	11.26	0
CO19004	CO18896	9.65	10 1-	4ACSR	0	0	388	132	23	3	2	0.00	11.26	0
CO19005	CO19004	9.67	10 1-	4ACSR	0	0	387	132	23	3	2	0.00	11.27	0
CO1884178471	CO19005	9.72	1 1-	2ACSR	0	0	385	132	2	0	0	0.00	11.27	0
CO1111367464	CO19005	9.68	1 1-	2ACSR	0	0	386	132	1	0	0	0.00	11.27	0
CO19003	CO19005	9.70	6 1-	4ACSR	0	0	385	132	18	2	2	0.00	11.27	0
CO19006	CO19003	9.75	5 1-	4ACSR	0	0	383	132	18	2	2	0.00	11.27	0
CO19007	CO19006	9.76	3 1-	4ACSR	0	0	382	132	13	1	1	0.00	11.28	0
CO19022	CO19007	9.92	3 1-	4ACSR	0	0	373	131	13	1	1	0.01	11.29	0
CO19023	CO19022	9.95	3 1-	4ACSR	0	0	372	130	13	1	1	0.00	11.29	0
CO18973	CO19023	10.05	2 1-	4ACSR	0	0	366	130	11	1	1	0.01	11.30	0
CO18974	CO18973	10.16	1 1-	4ACSR	0	0	361	129	0	0	0	0.00	11.30	0
CO18868	CO18973	10.09	1 1-	4ACSR	0	0	364	130	11	1	1	0.00	11.30	0
CO18867	CO19023	9.98	1 1-	4ACSR	0	0	370	130	2	0	0	0.00	11.29	0
CO18860	CO18824	9.59	2 1-	4ACSR	0	0	392	133	6	0	1	0.00	11.24	0
CO18859	CO18824	9.56	1 1-	4ACSR	0	0	393	133	2	0	0	0.00	11.24	0
CO18863	CO18825	9.26	3 1-	4ACSR	0	0	412	135	20	3	2	0.01	10.82	0
CO18862	CO18825	9.24	1 1-	4ACSR	0	0	413	135	8	1	1	0.00	10.82	0
CO18861	CO18825	9.49	1 1-	4ACSR	0	0	397	134	3	0	0	0.00	10.82	0
CO21492	CO21497	7.71	19 1-	6HDCU	0	0	532	146	78	11	9	0.03	7.60	4

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC1241396150	CO21492	7.71	19 1-	35 L OCR	0	0	532	146	78	11	32	0.00	7.60	0
CO21494	OC1241396150	7.76	19 1-	6HDCU	0	0	527	145	78	11	9	0.02	7.62	3
CO21493	CO21494	7.77	19 1-	6HDCU	0	0	526	145	78	11	9	0.01	7.63	0
CO21429	CO21493	7.84	19 1-	6HDCU	0	0	519	145	78	11	9	0.03	7.66	5
CO21428	CO21429	7.89	19 1-	6HDCU	0	0	514	144	78	11	9	0.02	7.69	3
CO902378932	CO21428	7.93	17 1-	2ACSR	0	0	511	144	65	9	5	0.01	7.70	0
CO1840419874	CO902378932	8.03	15 1-	2ACSR	0	0	503	144	51	7	4	0.02	7.72	0
CO18941	CO1840419874	8.09	15 1-	6HDCU	0	0	498	143	51	7	6	0.02	7.74	0
CO18853	CO18941	8.17	1 1-	4ACSR	0	0	490	143	3	0	0	0.00	7.74	0
CO18852	CO18941	8.15	1 1-	4ACSR	0	0	493	143	8	1	1	0.00	7.74	0
CO18936	CO18941	8.15	9 1-	6HDCU	0	0	493	143	28	4	3	0.01	7.75	0
CO18937	CO18936	8.32	8 1-	6HDCU	0	0	478	142	28	3	3	0.03	7.78	0
CO18944	CO18937	8.38	2 1-	4ACSR	0	0	473	141	5	0	0	0.00	7.78	0
CO18945	CO18944	8.44	2 1-	4ACSR	0	0	468	141	5	0	0	0.00	7.78	0
CO18943	CO18937	8.38	6 1-	6HDCU	0	0	473	141	23	3	3	0.01	7.79	0
CO18942	CO18943	8.51	6 1-	6HDCU	0	0	463	140	23	3	3	0.02	7.81	0
CO18926	CO18942	8.53	5 1-	6HDCU	0	0	461	140	23	3	3	0.00	7.81	0
CO18927	CO18926	8.57	5 1-	6HDCU	0	0	458	140	23	3	3	0.01	7.81	0
CO18845	CO18927	8.60	2 1-	4ACSR	0	0	455	139	3	0	0	0.00	7.81	0
CO519109185	CO18845	8.65	1 1-	2ACSR	0	0	453	139	0	0	0	0.00	7.81	0
CO-70866876	CO519109185	8.72	1 1-	2ACSR	0	0	448	139	0	0	0	0.00	7.81	0
CO18915	CO18927	8.60	3 1-	2ACSR	0	0	456	139	20	2	2	0.00	7.82	0
CO18916	CO18915	8.66	3 1-	2ACSR	0	0	452	139	20	2	2	0.01	7.82	0
CO18914	CO18916	8.71	3 1-	2ACSR	0	0	449	139	20	2	2	0.00	7.83	0
CO18844	CO18914	8.85	1 1-	4ACSR	0	0	439	138	5	0	1	0.00	7.83	0
CO18917	CO18914	8.76	2 1-	6HDCU	0	0	446	139	15	2	2	0.00	7.83	0
CO18918	CO18917	8.87	2 1-	6HDCU	0	0	437	138	15	2	2	0.01	7.84	0
CO18975	CO18918	8.93	1 1-	6HDCU	0	0	433	137	7	1	1	0.00	7.84	0
CO18976	CO18975	9.02	1 1-	6HDCU	0	0	427	137	7	1	1	0.00	7.85	0
CO18970	CO18976	9.08	1 1-	6HDCU	0	0	423	136	7	1	1	0.00	7.85	0
CO18847	CO18970	9.12	1 1-	4ACSR	0	0	420	136	7	1	1	0.00	7.85	0
CO18971	CO18970	9.11	0 1-	6HDCU	0	0	421	136	0	0	0	0.00	7.85	0
CO18819	CO18918	8.92	1 1-	4ACSR	0	0	434	137	8	1	1	0.00	7.84	0
CO19032	CO18819	8.93	1 1-	4ACSR	0	0	433	137	8	1	1	0.00	7.85	0
SW570-B	CO19032	8.93	1 1-	Closed	0	0	433	137	8	1	0	0.00	7.85	0
SW570-A	SW570-B	8.93	1 1-	Closed	0	0	433	137	8	1	0	0.00	7.85	0
CO19033	SW570-A	9.02	1 1-	4ACSR	0	0	427	137	8	1	1	0.00	7.85	0
CO18820	CO19033	9.21	0 1-	4ACSR	0	0	415	135	0	0	0	0.00	7.85	0
CO18879	CO18820	9.32	0 1-	4ACSR	0	0	407	135	0	0	0	0.00	7.85	0
CO18836	CO18820	9.63	0 1-	4ACSR	0	0	389	132	0	0	0	0.00	7.85	0
CO19037	CO18836	9.63	0 1-	4ACSR	0	0	388	132	0	0	0	0.00	7.85	0
#SW571-A	CO19037	9.63	0 1-	Open	0	0	388	132	0	0	0	0.00	7.85	0
CO18851	CO19033	9.14	1 1-	4ACSR	0	0	419	136	8	1	1	0.00	7.85	0
CO18928	CO18942	8.52	1 1-	6HDCU	0	0	462	140	0	0	0	0.00	7.81	0
CO18929	CO18928	8.54	1 1-	6HDCU	0	0	460	140	0	0	0	0.00	7.81	0
CO18939	CO18941	8.19	4 1-	4ACSR	0	0	489	142	12	1	1	0.01	7.75	0
CO18940	CO18939	8.26	3 1-	4ACSR	0	0	483	142	10	1	1	0.00	7.75	0
CO18938	CO18940	8.39	2 1-	4ACSR	0	0	471	141	9	1	1	0.00	7.75	0
CO941266091	CO902378932	7.98	1 1-	2ACSR	0	0	507	144	7	1	1	0.00	7.70	0
CO-114222541	CO902378932	7.98	1 1-	2ACSR	0	0	507	144	6	0	0	0.00	7.70	0
CO21520	CO21428	7.91	1 1-	4ACSR	0	0	512	144	5	0	1	0.00	7.69	0
CO21519	CO21520	8.02	1 1-	4ACSR	0	0	502	143	5	0	1	0.00	7.69	0

Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21388	CO21428	7.95	1 1-	4ACSR	0	0	508	144	8	1	1	0.00	7.69	0
CO21559	CO21378	7.43	2 1-	6HDCU	0	0	563	148	14	1	1	0.00	6.57	0
CO21558	CO21559	7.50	1 1-	6HDCU	0	0	555	148	10	1	1	0.00	6.57	0
CO21387	CO21357	7.26	1 1-	4ACSR	0	0	582	150	2	0	0	0.00	5.95	0
CO21414	CO21380	7.18	2 1-	6HDCU	0	0	593	150	1	0	0	0.00	5.68	0
CO21386	CO21380	7.22	1 1-	4ACSR	0	0	588	150	8	1	1	0.00	5.68	0
CO21569	CO21515	7.08	4 1-	6HDCU	0	0	605	151	7	0	1	0.00	5.30	0
CO21571	CO21569	7.13	3 1-	6HDCU	0	0	598	151	7	0	1	0.00	5.30	0
CO21570	CO21571	7.18	3 1-	6HDCU	0	0	592	150	7	0	1	0.00	5.30	0
CO21513	CO21418	6.92	33 1-	6HDCU	0	0	618	152	157	21	17	0.06	5.27	16
OC-427641767	CO21513	6.92	32 1-	20 N FUSE	0	0	618	152	157	21	110	0.00	5.27	0
CO21512	OC-427641767	6.99	32 1-	6HDCU	0	0	608	151	157	21	17	0.07	5.35	19
CO21368	CO21512	7.07	30 1-	6HDCU	0	0	598	150	146	20	16	0.07	5.41	17
CO-942203908	CO21368	7.12	28 1-	2ACSR	0	0	593	150	137	19	11	0.03	5.44	6
CO292876963	CO-942203908	7.20	28 1-	2ACSR	0	0	586	150	137	19	11	0.04	5.49	10
OC-1516835302	CO292876963	7.20	28 1-	20 N FUSE	0	0	586	150	137	19	96	0.00	5.49	0
CO1034439366	OC-1516835302	7.26	27 1-	2ACSR	0	0	579	149	137	19	11	0.04	5.53	8
CO1132936367	CO1034439366	7.31	1 1-	2ACSR	0	0	574	149	8	1	1	0.00	5.53	0
CO-1219372304	CO1132936367	7.40	1 1-	2ACSR	0	0	567	149	8	1	1	0.00	5.53	0
CO392199794	CO1034439366	7.33	26 1-	2ACSR	0	0	573	149	129	18	10	0.04	5.56	8
CO21384	CO392199794	7.35	26 1-	4ACSR	0	0	570	149	129	18	13	0.02	5.58	4
CO21427	CO21384	7.40	26 1-	6HDCU	0	0	565	148	129	18	14	0.04	5.62	8
CO21426	CO21427	7.46	26 1-	6HDCU	0	0	558	148	129	18	14	0.05	5.67	10
CO21577	CO21426	7.55	8 1-	6HDCU	0	0	548	147	46	6	5	0.02	5.69	0
OC647	CO21577	7.55	8 1-	20 N FUSE	0	0	548	147	46	6	32	0.00	5.69	0
CO918482468	OC647	7.70	8 1-	2ACSR	0	0	536	146	46	6	4	0.03	5.72	2
CO21528	CO918482468	7.83	1 1-	4ACSR	0	0	521	145	10	1	1	0.01	5.73	0
CO21527	CO21528	7.87	1 1-	4ACSR	0	0	518	145	10	1	1	0.00	5.73	0
CO21364	CO918482468	7.73	7 1-	6HDCU	0	0	532	146	36	5	4	0.01	5.73	0
CO21435	CO21364	7.96	7 1-	6HDCU	0	0	509	144	36	5	4	0.04	5.78	2
CO21572	CO21435	8.00	0 1-	6HDCU	0	0	505	144	0	0	0	0.00	5.78	0
CO21434	CO21435	8.16	6 1-	6HDCU	0	0	491	143	27	3	3	0.03	5.81	0
CO21413	CO21434	8.36	6 1-	4ACSR	0	0	474	141	27	3	3	0.03	5.84	0
CO21438	CO21413	8.44	4 1-	6HDCU	0	0	467	141	14	1	1	0.01	5.84	0
CO21410	CO21438	8.49	1 1-	2ACSR	0	0	464	140	7	1	1	0.00	5.84	0
CO21436	CO21438	8.58	3 1-	6HDCU	0	0	456	139	6	0	1	0.01	5.85	0
CO21393	CO21436	8.62	2 1-	4ACSR	0	0	453	139	6	0	1	0.00	5.85	0
CO21437	CO21413	8.50	1 1-	6HDCU	0	0	462	140	4	0	0	0.00	5.84	0
CO21440	CO21437	8.59	0 1-	6HDCU	0	0	455	139	0	0	0	0.00	5.84	0
CO21439	CO21440	8.97	0 1-	6HDCU	0	0	428	137	0	0	0	0.00	5.84	0
CO21382	CO21426	7.62	18 1-	4ACSR	0	0	540	146	83	11	8	0.08	5.75	12
OC-532355344	CO21382	7.62	18 1-	20 N FUSE	0	0	540	146	83	11	58	0.00	5.75	0
CO2053829830	OC-532355344	7.67	0 1-	2ACSR	0	0	535	146	0	0	0	0.00	5.75	0
CO21517	OC-532355344	7.69	1 1-	4ACSR	0	0	533	146	0	0	0	0.00	5.75	0
CO21356	OC-532355344	7.65	17 1-	6HDCU	0	0	536	146	83	11	9	0.02	5.77	2
CO21518	CO21356	7.95	15 1-	4ACSR	0	0	507	144	79	11	8	0.14	5.91	19
CO21523	CO21518	7.95	13 1-	6HDCU	0	0	506	144	71	10	8	0.00	5.91	0
CO21522	CO21523	8.14	10 1-	6HDCU	0	0	490	142	41	5	4	0.05	5.96	3
CO21359	CO21522	8.22	10 1-	6HDCU	0	0	483	142	41	5	4	0.02	5.98	0
CO21433	CO21359	8.28	9 1-	6HDCU	0	0	477	141	37	5	4	0.01	5.99	0
CO1096890692	CO21433	8.33	0 1-	2ACSR	0	0	474	141	0	0	0	0.00	5.99	0
CO21432	CO21433	8.35	8 1-	6HDCU	0	0	472	141	34	4	4	0.01	6.01	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21360	CO21432	8.43	8 1-	6HDCU	0	0	465	140	34	4	4	0.02	6.03	0
OC1161693586	CO21360	8.43	8 1-	20 N FUSE	0	0	465	140	34	4	24	0.00	6.03	0
CO1432280357	OC1161693586	8.75	5 1-	6HDCU	0	0	440	138	30	4	3	0.06	6.09	3
CO825810416	CO1432280357	9.01	5 1-	2ACSR	0	0	426	137	30	4	2	0.03	6.12	0
CO21363	CO825810416	9.13	2 1-	6HDCU	0	0	418	136	3	0	0	0.00	6.12	0
CO30528	CO21363	9.21	1 1-	6HDCU	0	0	413	135	1	0	0	0.00	6.12	0
CO28053	CO30528	9.26	1 1-	4ACSR	0	0	410	135	1	0	0	0.00	6.12	0
CO21362	CO825810416	9.34	3 1-	6HDCU	0	0	405	134	26	3	3	0.05	6.17	2
OC-1426790380	CO21362	9.34	3 1-	15 N FUSE	0	0	405	134	26	3	25	0.00	6.17	0
CO21526	OC-1426790380	9.63	1 1-	6HDCU	0	0	388	132	17	2	2	0.01	6.19	0
CO21525	CO21526	9.68	0 1-	6HDCU	0	0	385	132	0	0	0	0.00	6.19	0
CO21392	OC-1426790380	9.58	2 1-	4ACSR	0	0	390	133	10	1	1	0.01	6.18	0
CO-262718666	CO1432280357	8.84	0 1-	2ACSR	0	0	435	137	0	0	0	0.00	6.09	0
CO21391	OC1161693586	8.54	3 1-	4ACSR	0	0	456	139	4	0	0	0.00	6.03	0
CO21389	CO21432	8.40	0 1-	4ACSR	0	0	468	140	0	0	0	0.00	6.01	0
CO21390	CO21359	8.24	1 1-	6HDCU	0	0	480	142	4	0	0	0.00	5.98	0
CO21430	CO21522	8.15	0 1-	6HDCU	0	0	488	142	0	0	0	0.00	5.96	0
CO21431	CO21523	8.00	1 1-	6HDCU	0	0	502	143	15	2	2	0.00	5.92	0
CO21524	CO21431	8.03	0 1-	6HDCU	0	0	500	143	0	0	0	0.00	5.92	0
CO21521	CO21518	8.00	1 1-	6HDCU	0	0	502	143	5	0	1	0.00	5.91	0
CO21444	OC-1516835302	7.24	1 1-	6HDCU	0	0	581	149	0	0	0	0.00	5.49	0
CO21355	CO21444	7.31	1 1-	6HDCU	0	0	572	149	0	0	0	0.00	5.49	0
CO21421	CO21355	7.55	1 1-	6HDCU	0	0	545	147	0	0	0	0.00	5.49	0
CO21423	CO21421	7.67	1 1-	6HDCU	0	0	532	146	0	0	0	0.00	5.49	0
CO21422	CO21423	7.73	1 1-	6HDCU	0	0	526	145	0	0	0	0.00	5.49	0
CO21383	CO21422	7.80	1 1-	4ACSR	0	0	519	145	0	0	0	0.00	5.49	0
CO21425	CO21422	8.09	0 1-	6HDCU	0	0	492	143	0	0	0	0.00	5.49	0
CO21424	CO21425	8.32	0 1-	6HDCU	0	0	472	141	0	0	0	0.00	5.49	0
CO21396	CO21368	7.13	2 1-	4ACSR	0	0	591	150	8	1	1	0.00	5.42	0
CO21385	CO21512	7.08	1 1-	4ACSR	0	0	596	150	10	1	1	0.00	5.35	0
CO21381	CO21354	6.72	2 1-	4ACSR	0	0	636	153	9	1	1	0.00	5.10	0
CO21564	CO30656	6.42	1 1-	2ACSR	0	0	669	154	12	1	1	0.00	4.92	0
CO21563	CO21564	6.50	1 1-	2ACSR	0	0	659	154	12	1	1	0.00	4.92	0
CO30652	CO21487	6.33	4 2-	4ACSR	0	875	679	154	18	1	1	0.00	4.87	0
CO30653	CO30652	6.36	4 2-	4ACSR	0	869	674	154	18	1	1	0.00	4.88	0
CO30557	CO30653	6.40	4 2-	4ACSR	0	862	668	154	18	1	1	0.00	4.88	0
CO21478	CO21372	6.04	16 1-	6HDCU	0	0	706	155	89	12	9	0.06	4.64	9
CO21477	CO21478	6.19	15 1-	6HDCU	0	0	680	154	86	11	9	0.08	4.72	11
OC-731192487	CO21477	6.19	15 1-	50 E OCR	0	0	680	154	86	11	24	0.00	4.72	0
CO21403	OC-731192487	6.25	0 1-	4ACSR	0	0	670	153	0	0	0	0.00	4.72	0
CO21373	OC-731192487	6.33	15 1-	6HDCU	0	0	658	153	86	11	9	0.07	4.80	11
CO21374	CO21373	6.63	14 1-	6HDCU	0	0	614	150	84	11	9	0.15	4.95	22
CO21547	CO21374	6.71	3 1-	4ACSR	0	0	604	150	19	2	2	0.01	4.96	0
CO21549	CO21547	6.86	3 1-	4ACSR	0	0	584	148	19	2	2	0.02	4.98	0
CO-455040947	CO21549	6.96	1 1-	2ACSR	0	0	574	148	3	0	0	0.00	4.98	0
CO-778469921	CO21549	6.97	1 1-	2ACSR	0	0	573	148	7	0	1	0.00	4.98	0
CO21548	CO21549	6.97	1 1-	4ACSR	0	0	570	147	9	1	1	0.00	4.98	0
CO21375	CO21374	6.75	11 1-	6HDCU	0	0	599	149	65	9	7	0.05	5.00	5
CO21376	CO21375	7.01	9 1-	6HDCU	0	0	566	147	54	7	6	0.09	5.09	8
CO21405	CO21376	7.09	1 1-	4ACSR	0	0	556	146	3	0	0	0.00	5.09	0
CO21377	CO21376	7.24	8 1-	6HDCU	0	0	540	145	51	7	5	0.06	5.15	5
CO21557	CO21377	7.30	4 1-	4ACSR	0	0	534	145	25	3	2	0.01	5.16	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21554	CO21557	7.32	3 1-	4ACSR	0	0	532	145	22	3	2	0.00	5.16	0
CO21556	CO21554	7.39	2 1-	4ACSR	0	0	524	144	11	1	1	0.01	5.17	0
CO21555	CO21556	7.44	2 1-	4ACSR	0	0	519	144	11	1	1	0.00	5.17	0
CO21553	CO21377	7.30	3 1-	4ACSR	0	0	533	145	17	2	2	0.01	5.16	0
CO-379129393	CO21553	7.31	1 1-	2ACSR	0	0	533	145	10	1	1	0.00	5.16	0
CO273911664	CO-379129393	7.38	1 1-	2ACSR	0	0	527	144	10	1	1	0.00	5.16	0
CO-355002256	CO-379129393	7.33	0 1-	2ACSR	0	0	531	145	0	0	0	0.00	5.16	0
CO21551	CO21375	6.84	2 1-	4ACSR	0	0	586	148	12	1	1	0.01	5.01	0
CO21550	CO21551	6.94	1 1-	4ACSR	0	0	575	148	10	1	1	0.00	5.01	0
CO21404	CO21373	6.37	1 1-	4ACSR	0	0	652	152	2	0	0	0.00	4.80	0
CO21476	CO21467	6.48	1 1-	6HDCU	0	0	630	151	8	1	1	0.03	4.51	0
CO21582	CO21476	6.53	1 1-	6HDCU	0	0	623	151	8	1	1	0.00	4.51	0
CO343046750	CO21371	5.37	1 1-	1/0PRIURD	0	0	804	341	12	1	1	0.00	3.89	0
CO21540	CO21460	5.18	1 1-	4ACSR	0	0	828	159	5	0	0	0.00	3.80	0
CO21539	CO21540	5.27	1 1-	4ACSR	0	0	808	159	5	0	0	0.00	3.80	0
CO21566	CO21453	4.68	1 1-	4ACSR	0	0	921	162	2	0	0	0.00	3.13	0
CO21565	CO21566	4.73	0 1-	4ACSR	0	0	906	161	0	0	0	0.00	3.13	0
CO21400	CO21370	4.67	1 1-	4ACSR	0	0	914	161	3	0	0	0.00	2.98	0
CO-637096916	CO22520	4.48	28 3-	1/0ACSR	1310	1228	967	163	160	7	3	0.01	2.88	0
CO-64767903	CO-637096916	4.51	1 1-	2ACSR	0	0	960	163	0	0	0	0.00	2.88	0
CO-1581841413	CO-637096916	4.51	27 3-	1/0ACSR	1303	1221	961	163	160	7	3	0.00	2.89	0
CO22271	CO-1581841413	4.58	27 3-	1/0ACSR	1283	1203	947	163	160	7	3	0.01	2.89	0
CO-786956635	CO22271	4.61	0 1-	2ACSR	0	0	939	162	0	0	0	0.00	2.89	0
CO22457	CO22271	4.64	25 3-	1/0ACSR	1268	1189	935	162	149	6	3	0.01	2.90	0
CO22458	CO22457	4.75	23 3-	1/0ACSR	1239	1163	913	162	139	6	3	0.01	2.91	3
CO22254	CO22458	4.80	23 3-	1/0ACSR	1226	1151	903	162	139	6	3	0.01	2.92	0
CO21973	CO22254	4.86	20 3-	6HDCU	1200	1129	885	161	123	5	4	0.01	2.93	3
CO21975	CO21973	4.90	5 2-	2ACSR	0	1120	878	161	23	1	1	0.00	2.93	0
CO22133	CO21975	4.97	4 1-	4ACSR	0	0	859	160	22	2	2	0.01	2.94	0
CO22289	CO22133	5.00	3 1-	4ACSR	0	0	850	160	18	2	2	0.00	2.94	0
CO22290	CO22289	5.02	2 1-	4ACSR	0	0	847	160	8	1	1	0.00	2.94	0
CO22285	CO22290	5.03	2 1-	4ACSR	0	0	844	160	8	1	1	0.00	2.95	0
CO21972	CO21973	4.89	14 3-	6HDCU	1189	1119	877	161	63	2	2	0.00	2.93	0
CO22415	CO21972	4.92	1 1-	4ACSR	0	0	870	160	3	0	0	0.00	2.94	0
CO22414	CO22415	4.96	1 1-	4ACSR	0	0	860	160	3	0	0	0.00	2.94	0
CO22247	CO21972	4.93	10 3-	6HDCU	1175	1107	867	160	49	2	2	0.00	2.94	0
CO22454	CO22247	4.95	8 3-	6HDCU	1168	1101	862	160	45	2	2	0.00	2.94	0
CO30562	CO22454	4.97	7 3-	6HDCU	1159	1094	856	160	42	1	1	0.00	2.94	0
CO22248	CO30562	5.04	6 3-	6HDCU	1136	1074	840	159	29	1	1	0.00	2.94	0
CO22307	CO22248	5.08	5 3-	1/0ACSR	1128	1066	834	159	24	1	0	0.00	2.94	0
CO22306	CO22307	5.11	5 3-	1/0ACSR	1121	1059	828	159	24	1	0	0.00	2.94	0
CO22513	CO22248	5.04	0 1-	6HDCU	0	0	839	159	0	0	0	0.00	2.94	0
CO22512	CO22513	5.05	0 1-	6HDCU	0	0	837	159	0	0	0	0.00	2.94	0
CO22456	CO22512	5.06	0 1-	6HDCU	0	0	834	159	0	0	0	0.00	2.94	0
CO22041	CO21973	4.98	1 3-	2ACSR	1167	1099	860	160	37	1	1	0.00	2.93	0
CO22037	CO22254	4.87	2 1-	4ACSR	0	0	883	161	13	1	1	0.00	2.92	0
CO22038	CO22520	4.48	3 1-	4ACSR	0	0	964	163	58	7	6	0.01	2.88	0
CO22511	CO22224	3.76	0 2-	6HDCU	0	1451	1155	166	0	0	0	0.00	1.84	0
SW681-A	CO22511	3.76	0 2-	Open	0	1451	1155	166	0	0	0	0.00	1.84	0
CO22023	CO22406	3.58	1 3-	1/0ACSR	1648	1533	1227	168	80	3	2	0.00	1.35	0
CO22514	CO22406	3.57	0 3-	4ACSR	1648	1534	1228	168	0	0	0	0.00	1.35	0
CO22515	CO22514	3.57	0 3-	4ACSR	1643	1530	1224	168	0	0	0	0.00	1.35	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO22216	CO22503	3.44	30 1-	6ACWC	0	0	1259	168	146	19	14	0.07	1.12	16
OC570715194	CO22216	3.44	29 1-	35 L OCR	0	0	1259	168	133	17	51	0.00	1.12	0
CO22217	OC570715194	3.48	29 1-	6ACWC	0	0	1242	168	133	17	13	0.02	1.14	5
CO22273	CO22217	3.50	26 1-	6ACWC	0	0	1231	167	121	16	12	0.02	1.15	3
CO22274	CO22273	3.51	25 1-	6ACWC	0	0	1225	167	112	15	11	0.01	1.16	0
CO22214	CO22274	3.53	23 1-	6ACWC	0	0	1213	167	106	14	10	0.02	1.18	3
CO22215	CO22214	3.58	22 1-	6ACWC	0	0	1190	167	105	14	10	0.03	1.21	5
CO22113	CO22215	3.70	21 1-	6ACWC	0	0	1134	165	102	13	10	0.07	1.28	11
CO22112	CO22113	3.75	20 1-	6ACWC	0	0	1113	165	93	12	9	0.03	1.30	4
CO-858773536	CO22112	3.82	19 1-	2ACSR	0	0	1088	164	87	11	7	0.03	1.33	4
CO924094745	CO-858773536	3.89	19 1-	2ACSR	0	0	1066	164	87	11	7	0.02	1.35	3
CO1549511785	CO924094745	3.96	19 1-	2ACSR	0	0	1045	163	87	11	7	0.02	1.38	3
CO-1854058709	CO1549511785	4.00	19 1-	2ACSR	0	0	1031	163	87	11	7	0.02	1.39	2
SW1131714329-A	CO-1854058709	4.00	0 1-	Open	0	0	1031	163	0	0	0	0.00	1.39	0
CO22461	CO-1854058709	4.03	19 1-	4ACSR	0	0	1020	163	87	11	8	0.02	1.41	2
CO21964	CO22461	4.13	18 1-	4ACSR	0	0	986	162	81	10	8	0.05	1.46	6
CO21965	CO21964	4.18	17 1-	4ACSR	0	0	966	161	80	10	8	0.03	1.48	4
CO22119	CO21965	4.22	2 1-	4ACSR	0	0	953	161	12	1	1	0.00	1.48	0
CO22118	CO22119	4.27	1 1-	4ACSR	0	0	938	161	3	0	0	0.00	1.49	0
CO21966	CO21965	4.26	15 1-	4ACSR	0	0	942	161	68	9	7	0.03	1.51	3
CO21967	CO21966	4.51	13 1-	4ACSR	0	0	868	158	57	7	6	0.08	1.59	7
CO22086	CO21967	4.60	10 1-	4ACSR	0	0	842	157	42	5	4	0.02	1.61	0
CO22199	CO22086	4.68	9 1-	4ACSR	0	0	821	157	31	4	3	0.02	1.62	0
CO22200	CO22199	4.81	8 1-	4ACSR	0	0	791	156	30	4	3	0.02	1.65	0
CO22332	CO22200	4.95	3 1-	4ACSR	0	0	759	154	15	2	1	0.01	1.66	0
CO22029	CO22332	5.00	1 1-	4ACSR	0	0	748	154	9	1	1	0.00	1.66	0
CO22333	CO22332	5.06	2 1-	4ACSR	0	0	735	153	7	0	1	0.00	1.66	0
CO22198	CO22200	4.97	5 1-	4ACSR	0	0	754	154	14	1	1	0.01	1.66	0
CO22444	CO22198	5.04	3 1-	4ACSR	0	0	739	153	12	1	1	0.01	1.66	0
CO22443	CO22444	5.20	3 1-	4ACSR	0	0	708	152	12	1	1	0.01	1.68	0
CO22445	CO22443	5.24	3 1-	4ACSR	0	0	700	152	12	1	1	0.00	1.68	0
CO22030	CO22445	5.29	1 1-	4ACSR	0	0	691	151	2	0	0	0.00	1.68	0
CO22286	CO22445	5.29	1 1-	4ACSR	0	0	691	151	9	1	1	0.00	1.68	0
CO22287	CO22286	5.34	1 1-	4ACSR	0	0	683	151	9	1	1	0.00	1.68	0
CO22031	CO21967	4.56	1 1-	4ACSR	0	0	854	158	3	0	0	0.00	1.59	0
CO22033	CO21966	4.32	0 1-	4ACSR	0	0	923	160	0	0	0	0.00	1.51	0
CO22032	CO21964	4.17	1 1-	4ACSR	0	0	972	162	1	0	0	0.00	1.46	0
CO22028	CO22461	4.13	1 1-	4ACSR	0	0	986	162	6	0	1	0.00	1.41	0
CO22015	CO21960	3.36	3 1-	4ACSR	0	0	1295	169	8	1	1	0.00	0.97	0
CO22014	CO22402	3.25	1 1-	4ACSR	0	0	1332	169	3	0	0	0.00	0.76	0
CO22013	CO22202	3.16	1 1-	4ACSR	0	0	1362	169	3	0	0	0.00	0.58	0
CO22111	CO21959	2.90	2 1-	4ACSR	0	0	1446	170	11	1	1	0.00	6.77	0
CO22110	CO22111	2.92	1 1-	4ACSR	0	0	1431	170	6	0	1	0.00	6.77	0
CO22492	CO22400	2.76	5 1-	4ACSR	0	0	1524	171	18	2	2	0.00	6.62	0
OC659	CO22492	2.76	5 1-	10 N FUSE	0	0	1524	171	18	2	26	0.00	6.62	0
CO22493	OC659	2.83	5 1-	4ACSR	0	0	1473	170	18	2	2	0.01	6.63	0
CO22084	CO22493	2.90	4 1-	4ACSR	0	0	1420	169	16	2	2	0.01	6.64	0
CO22342	CO22084	3.35	3 1-	4ACSR	0	0	1164	165	14	2	1	0.04	6.68	0
CO22048	CO22342	3.51	1 1-	2ACSR	0	0	1102	164	6	0	1	0.00	6.68	0
CO22343	CO22342	3.60	2 1-	4ACSR	0	0	1052	162	8	1	1	0.01	6.69	0
CO22212	CO22343	3.66	1 1-	4ACSR	0	0	1028	162	5	0	1	0.00	6.69	0
CO22012	CO22493	2.90	1 1-	4ACSR	0	0	1423	169	2	0	0	0.00	6.63	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22011	CO21958	2.62	1 1-	4ACSR	0	0	1561	171	4	0	0	0.00	6.20	0
CO22010	CO21957	2.53	0 1-	4ACSR	0	0	1604	171	0	0	0	0.00	6.00	0
CO22009	CO22536	2.26	2 1-	4ACSR	0	0	1764	172	11	1	1	0.00	5.55	0
CO22093	CO21940	1.37	12 1-	4ACSR	0	0	2462	175	39	5	4	0.01	3.48	0
CO21984	CO22093	1.49	4 1-	4ACSR	0	0	2259	174	5	0	0	0.00	3.49	0
CO22347	CO22093	1.38	7 1-	4ACSR	0	0	2451	175	31	4	3	0.00	3.48	0
CO22348	CO22347	1.42	1 1-	4ACSR	0	0	2373	174	2	0	0	0.00	3.48	0
CO22301	CO22347	1.43	6 1-	4ACSR	0	0	2357	174	29	3	3	0.01	3.49	0
CO22302	CO22301	1.47	3 1-	4ACSR	0	0	2288	174	12	1	1	0.00	3.49	0
CO22192	CO22302	1.53	0 1-	4ACSR	0	0	2188	173	0	0	0	0.00	3.49	0
CO21983	CO22435	1.29	0 1-	4ACSR	0	0	2570	175	0	0	0	0.00	3.30	0
CO22504	CO22387	0.96	26 1-	4ACSR	0	0	3074	177	70	9	7	0.00	2.54	0
OC667	CO22504	0.96	26 1-	70 L OCR	0	0	3074	177	70	9	14	0.00	2.54	0
CO22505	OC667	1.02	26 1-	4ACSR	0	0	2914	176	70	9	7	0.03	2.56	3
CO22071	CO22505	1.08	25 1-	4ACSR	0	0	2760	175	69	9	7	0.02	2.59	2
CO22072	CO22071	1.09	23 1-	4ACSR	0	0	2737	175	54	7	5	0.00	2.59	0
CO22315	CO22072	1.14	22 1-	4ACSR	0	0	2621	175	51	6	5	0.01	2.60	0
CO22316	CO22315	1.19	20 1-	4ACSR	0	0	2514	174	47	6	5	0.01	2.62	0
CO22073	CO22316	1.25	14 1-	4ACSR	0	0	2390	174	34	4	3	0.01	2.63	0
CO22149	CO22073	1.30	2 1-	4ACSR	0	0	2305	173	7	0	1	0.00	2.63	0
CO22433	CO22149	1.34	0 1-	4ACSR	0	0	2234	173	0	0	0	0.00	2.63	0
CO22432	CO22433	1.38	0 1-	4ACSR	0	0	2170	172	0	0	0	0.00	2.63	0
CO22434	CO22432	1.42	0 1-	4ACSR	0	0	2104	172	0	0	0	0.00	2.63	0
CO22517	CO22434	1.42	0 1-	4ACSR	0	0	2093	172	0	0	0	0.00	2.63	0
SW945-B	CO22517	1.42	0 1-	Closed	0	0	2093	172	0	0	0	0.00	2.63	0
SW945-A	SW945-B	1.42	0 1-	Closed	0	0	2093	172	0	0	0	0.00	2.63	0
CO22398	CO22434	1.45	0 1-	4ACSR	0	0	2047	171	0	0	0	0.00	2.63	0
CO22397	CO22398	1.47	0 1-	4ACSR	0	0	2018	171	0	0	0	0.00	2.63	0
CO22399	CO22397	1.49	0 1-	4ACSR	0	0	2002	171	0	0	0	0.00	2.63	0
CO22524	CO22399	1.57	0 1-	4ACSR	0	0	1892	170	0	0	0	0.00	2.63	0
SW675-B	CO22524	1.57	0 1-	Open	0	0	1892	170	0	0	0	0.00	2.63	0
CO22323	CO22073	1.27	12 1-	4ACSR	0	0	2363	173	27	3	3	0.00	2.63	0
CO22409	CO22323	1.30	6 1-	4ACSR	0	0	2301	173	9	1	1	0.00	2.63	0
CO22408	CO22409	1.34	6 1-	4ACSR	0	0	2234	173	9	1	1	0.00	2.63	0
CO22324	CO22323	1.29	6 1-	4ACSR	0	0	2319	173	18	2	2	0.00	2.63	0
CO22090	CO22324	1.38	1 1-	4ACSR	0	0	2170	172	3	0	0	0.00	2.63	0
CO22496	CO22367	0.31	30 1-	6ACWC	0	0	4749	179	88	11	8	0.00	0.74	0
OC661	CO22496	0.31	30 1-	70 L OCR	0	0	4749	179	88	11	17	0.00	0.74	0
CO22497	OC661	0.35	30 1-	6ACWC	0	0	4556	179	88	11	8	0.02	0.75	2
CO22155	CO22497	0.42	29 1-	6ACWC	0	0	4168	178	80	10	8	0.03	0.79	5
CO22159	CO22155	0.60	28 1-	6ACWC	0	0	3384	176	79	10	8	0.08	0.87	11
CO22160	CO22159	0.65	27 1-	6ACWC	0	0	3203	175	79	10	8	0.02	0.90	3
CO22170	CO22160	0.78	25 1-	6ACWC	0	0	2798	174	69	9	7	0.05	0.95	6
CO22171	CO22170	0.92	22 1-	6ACWC	0	0	2469	172	66	8	6	0.05	1.00	5
CO22377	CO22171	0.96	0 1-	4ACSR	0	0	2370	172	0	0	0	0.00	1.00	0
CO22378	CO22377	1.01	0 1-	4ACSR	0	0	2277	171	0	0	0	0.00	1.00	0
CO22169	CO22171	0.98	21 1-	6ACWC	0	0	2328	172	65	8	6	0.03	1.02	3
CO1793456423	CO22169	1.10	1 1-	2ACSR	0	0	2157	171	10	1	1	0.00	1.03	0
CO-1442038865	CO1793456423	1.13	0 1-	2ACSR	0	0	2124	171	0	0	0	0.00	1.03	0
CO-1419796253	CO1793456423	1.13	0 1-	2ACSR	0	0	2115	171	0	0	0	0.00	1.03	0
CO22344	CO22169	1.02	19 1-	6ACWC	0	0	2250	171	51	6	5	0.01	1.04	0
CO22345	CO22344	1.09	17 1-	6ACWC	0	0	2143	171	49	6	5	0.02	1.05	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22346	CO22345	1.12	16 1-	6ACWC	0	0	2078	170	47	6	5	0.01	1.07	0
CO1704794947	CO22346	1.16	1 1-	2ACSR	0	0	2034	170	0	0	0	0.00	1.07	0
CO22132	CO22346	1.30	2 1-	2ACSR	0	0	1873	169	10	1	1	0.01	1.07	0
CO22131	CO22132	1.35	1 1-	2ACSR	0	0	1824	169	10	1	1	0.00	1.07	0
CO22375	CO22346	1.33	13 1-	6ACWC	0	0	1794	168	37	4	4	0.04	1.11	3
CO22376	CO22375	1.35	13 1-	6ACWC	0	0	1770	168	37	4	4	0.00	1.11	0
CO22168	CO22376	1.39	11 1-	6ACWC	0	0	1722	168	15	2	1	0.00	1.12	0
OC1957618548	CO22168	1.39	9 1-	20 N FUSE	0	0	1722	168	13	1	9	0.00	1.12	0
CO22293	OC1957618548	1.51	9 1-	6ACWC	0	0	1595	166	13	1	1	0.01	1.13	0
CO22294	CO22293	1.57	9 1-	6ACWC	0	0	1542	166	13	1	1	0.00	1.13	0
CO22337	CO22294	1.58	8 1-	6ACWC	0	0	1531	166	12	1	1	0.00	1.13	0
CO22043	CO22337	1.63	2 1-	2ACSR	0	0	1499	165	5	0	0	0.00	1.13	0
CO22338	CO22337	1.66	6 1-	6ACWC	0	0	1466	165	8	1	1	0.00	1.13	0
CO23697	CO22338	1.74	2 1-	4ACSR	0	0	1397	164	4	0	0	0.00	1.14	0
CO22863	CO23697	1.81	1 1-	4ACSR	0	0	1348	163	3	0	0	0.00	1.14	0
CO22167	CO22338	1.69	4 1-	6ACWC	0	0	1437	165	4	0	0	0.00	1.13	0
CO22372	CO22167	2.03	3 1-	6ACWC	0	0	1207	161	4	0	0	0.01	1.14	0
OC703030226	CO22372	2.03	3 1-	20 N FUSE	0	0	1207	161	4	0	3	0.00	1.14	0
CO23844	OC703030226	2.09	3 1-	6ACWC	0	0	1177	161	4	0	0	0.00	1.14	0
CO22830	CO23844	2.13	2 1-	6ACWC	0	0	1154	160	4	0	0	0.00	1.15	0
CO22373	OC1957618548	1.42	0 1-	4ACSR	0	0	1690	167	0	0	0	0.00	1.12	0
CO22374	CO22373	1.51	0 1-	4ACSR	0	0	1592	166	0	0	0	0.00	1.12	0
CO22050	CO22344	1.15	1 1-	2ACSR	0	0	2081	170	2	0	0	0.00	1.04	0
CO22089	CO22160	0.75	1 1-	4ACSR	0	0	2896	174	2	0	0	0.00	0.90	0
CO22088	CO22089	0.80	0 1-	4ACSR	0	0	2737	174	0	0	0	0.00	0.90	0
CO22487	CO22486	0.02	891 3-	750 MCM - 42 wi	6015	6226	6268	180	5058	228	20	0.01	0.02	25
Plumville	CO22487	0.02	891 3-	560 200WVE	6015	6226	6268	180	5058	228	41	0.00	0.02	0
CO21943	Plumville	0.03	891 3-	1/0CU	5959	6137	6177	180	5058	228	74	0.04	0.06	271
XFMR2+	CO21943	0.03	888 3-	5600 KVA 3PH AU	1223	1238	1241	344	5025	226	88	1.23	1.30	0
CO22362+	XFMR2	0.07	887 3-	4/0ACSR	1220	1233	1236	344	5016	113	33	0.02	1.32	141
CO22363+	CO22362	0.21	887 3-	4/0ACSR	1209	1217	1219	343	5015	113	33	0.07	1.39	502
CO22361+	CO22363	0.24	887 3-	4/0ACSR	1206	1213	1215	343	5013	113	33	0.02	1.41	140
CO21944+	CO22361	0.41	885 3-	1/0CU	1194	1195	1196	341	5008	113	36	0.10	1.51	743
CO22150+	CO21944	0.44	882 3-	1/0CU	1192	1191	1192	341	4997	112	36	0.02	1.53	146
CO22151+	CO22150	0.50	881 3-	1/0CU	1187	1186	1184	341	4996	112	36	0.04	1.57	301
CO22061+	CO22151	0.57	881 3-	1/0CU	1182	1181	1177	340	4995	112	36	0.04	1.61	290
CO22069+	CO22061	0.60	3 1-	4ACSR	0	0	1171	339	13	0	1	0.00	1.61	0
CO22356+	CO22069	0.63	2 1-	4ACSR	0	0	1167	339	10	0	1	0.00	1.61	0
CO22357+	CO22356	0.67	2 1-	4ACSR	0	0	1162	338	10	0	1	0.00	1.61	0
CO22067+	CO22061	0.62	877 3-	1/0CU	1178	1176	1171	340	4979	112	36	0.04	1.65	260
CO22068+	CO22067	0.70	873 3-	1/0CU	1172	1170	1162	339	4960	112	36	0.05	1.70	336
CO22045+	CO22068	0.78	1 1-	2ACSR	0	0	1151	338	8	0	0	0.00	1.69	0
CO22066+	CO22068	0.75	870 3-	1/0CU	1169	1166	1157	339	4947	111	36	0.03	1.72	216
CO21991+	CO22066	0.78	1 1-	4ACSR	0	0	1151	338	9	0	0	0.00	1.72	0
CO22522+	CO22066	0.88	864 3-	1/0CU	1159	1155	1143	338	4921	111	36	0.08	1.81	590
CO22064+	CO22522	0.91	861 3-	1/0CU	1157	1152	1139	337	4917	111	36	0.02	1.83	157
CO22065+	CO22064	0.94	859 3-	1/0CU	1155	1151	1136	337	4916	111	36	0.01	1.84	96
CO30523+	CO22065	1.04	838 3-	1/0CU	1148	1142	1125	336	4792	108	35	0.06	1.91	445
CO28315+	CO30523	1.10	834 3-	1/0CU	1144	1138	1119	336	4779	108	35	0.03	1.94	239
CO28513+	CO28315	1.12	6 1-	4ACSR	0	0	1116	335	26	1	1	0.00	1.94	0
CO28514+	CO28513	1.17	4 1-	4ACSR	0	0	1109	334	14	0	1	0.00	1.94	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28515+	CO28514	1.20	1 1-	4ACSR	0	0	1105	334	9	0	0	0.00	1.94	0
CO28516+	CO28315	1.16	2 1-	4ACSR	0	0	1110	334	12	0	1	0.00	1.94	0
CO28517+	CO28516	1.26	1 1-	4ACSR	0	0	1097	332	7	0	0	0.00	1.94	0
CO28312+	CO28315	1.13	826 3-	1/0CU	1141	1135	1116	336	4740	107	35	0.02	1.96	135
CO28313+	CO28312	1.16	822 3-	1/0CU	1139	1133	1113	335	4728	107	35	0.02	1.98	139
CO28518+	CO28313	1.22	11 1-	4ACSR	0	0	1105	334	61	4	3	0.01	1.98	0
CO28519+	CO28518	1.25	10 1-	4ACSR	0	0	1100	333	60	4	3	0.00	1.98	0
CO30429+	CO28519	1.32	6 1-	4ACSR	0	0	1090	332	27	1	1	0.00	1.99	0
CO29038+	CO30429	1.36	2 1-	4ACSR	0	0	1085	331	11	0	1	0.00	1.99	0
CO29039+	CO29038	1.39	1 1-	4ACSR	0	0	1081	330	5	0	0	0.00	1.99	0
CO29037+	CO30429	1.34	2 1-	4ACSR	0	0	1087	331	13	0	1	0.00	1.99	0
CO28873+	CO29037	1.36	2 1-	4ACSR	0	0	1085	331	13	0	1	0.00	1.99	0
CO28353+	CO28519	1.28	1 1-	4ACSR	0	0	1096	333	14	0	1	0.00	1.98	0
CO28520+	CO28519	1.31	3 1-	4ACSR	0	0	1091	332	18	1	1	0.00	1.98	0
CO28314+	CO28313	1.24	811 3-	1/0CU	1134	1127	1105	335	4666	105	34	0.04	2.02	285
CO28354+	CO28314	1.29	1 1-	4ACSR	0	0	1097	333	9	0	0	0.00	2.02	0
CO28521+	CO28314	1.27	810 3-	1/0CU	1132	1125	1102	334	4656	105	34	0.02	2.04	123
CO30433+	CO28521	1.29	810 3-	1/0CU	1130	1123	1100	334	4655	105	34	0.02	2.05	106
CO28967+	CO30433	1.32	809 3-	1/0CU	1128	1121	1097	334	4655	105	34	0.02	2.07	113
CO-1847810322+	CO28967	1.37	2 3-	2ACSR	1124	1116	1091	333	7	0	0	0.00	2.07	0
CO-982977416+	CO28967	1.35	2 1-	2ACSR	0	0	1093	334	4	0	0	0.00	2.07	0
CO28968+	CO28967	1.37	805 3-	1/0CU	1125	1117	1092	334	4644	105	34	0.03	2.10	200
CO28965+	CO28968	1.43	801 3-	1/0CU	1121	1112	1086	333	4630	105	34	0.03	2.13	213
CO28734+	CO28965	1.46	1 1-	4ACSR	0	0	1081	332	2	0	0	0.00	2.13	0
CO28733+	CO28965	1.50	1 1-	4ACSR	0	0	1076	332	4	0	0	0.00	2.13	0
CO28691+	CO28965	1.56	795 3-	1/0CU	1112	1102	1073	332	4608	104	34	0.08	2.21	543
CO28692+	CO28691	1.64	781 3-	1/0CU	1107	1096	1065	331	4579	103	34	0.04	2.25	294
CO29048+	CO28692	1.67	16 1-	4ACSR	0	0	1062	331	48	3	2	0.00	2.25	0
CO29035+	CO29048	1.72	12 1-	4ACSR	0	0	1055	330	35	2	2	0.00	2.25	0
CO29036+	CO29035	1.76	10 1-	4ACSR	0	0	1049	329	15	1	1	0.00	2.26	0
CO28735+	CO29048	1.72	2 1-	4ACSR	0	0	1055	330	8	0	0	0.00	2.25	0
CO29049+	CO29048	1.71	2 1-	4ACSR	0	0	1056	330	5	0	0	0.00	2.25	0
CO28766+	CO28692	1.65	1 1-	4/0ACSR	0	0	1065	331	7	0	0	0.00	2.25	0
CO28961+	CO28692	1.77	764 3-	1/0CU	1098	1087	1053	330	4521	102	33	0.07	2.33	496
CO28962+	CO28961	1.83	758 3-	1/0CU	1094	1082	1047	330	4494	102	33	0.03	2.36	215
CO28949+	CO28962	1.86	758 3-	1/0CU	1092	1080	1044	330	4493	102	33	0.02	2.37	101
CO28950+	CO28949	1.89	757 3-	1/0CU	1090	1078	1042	329	4490	102	33	0.02	2.39	111
CO28811+	CO28950	1.91	757 3-	1/0CU	1089	1077	1040	329	4489	102	33	0.01	2.40	71
CO28812+	CO28811	1.97	757 3-	1/0CU	1085	1072	1033	329	4489	102	33	0.04	2.44	249
CO28813+	CO28812	2.07	757 3-	1/0CU	1079	1065	1024	328	4488	102	33	0.06	2.49	367
CO28693+	CO28813	2.13	144 3-	1/0ACSR	1074	1060	1018	327	647	14	6	0.01	2.50	7
CO28736+	CO28693	2.25	1 1-	4ACSR	0	0	1003	325	0	0	0	0.00	2.50	0
CO28999+	CO28693	2.13	143 3-	1/0ACSR	1074	1060	1018	327	646	14	6	0.00	2.50	0
OC901+	CO28999	2.13	143 3-	50 E OCR	1074	1060	1018	327	646	14	30	0.00	2.50	0
CO29000+	OC901	2.22	143 3-	1/0ACSR	1068	1053	1009	326	646	14	6	0.01	2.51	10
CO28695+	CO29000	2.37	134 3-	1/0ACSR	1056	1040	994	325	635	14	6	0.02	2.53	18
CO29056+	CO28695	2.39	2 1-	4ACSR	0	0	991	324	11	0	1	0.00	2.53	0
CO29057+	CO29056	2.40	1 1-	4ACSR	0	0	990	324	3	0	0	0.00	2.53	0
CO28774+	CO29056	2.44	1 1-	2ACSR	0	0	986	324	8	0	0	0.00	2.53	0
CO28696+	CO28695	2.44	131 3-	1/0ACSR	1051	1034	987	324	613	14	6	0.01	2.54	8
CO28877+	CO28696	2.45	20 1-	4ACSR	0	0	985	324	91	6	5	0.00	2.54	0
CO29074+	CO28877	2.47	20 1-	4ACSR	0	0	984	323	91	6	5	0.00	2.54	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29040+	CO29074	2.48	18 1-	4ACSR	0	0	982	323	84	5	4	0.00	2.54	0
CO28878+	CO29040	2.52	8 1-	4ACSR	0	0	977	322	41	2	2	0.00	2.55	0
CO28879+	CO28878	2.56	8 1-	4ACSR	0	0	973	322	41	2	2	0.00	2.55	0
CO28880+	CO28879	2.60	3 1-	4ACSR	0	0	968	321	18	1	1	0.00	2.55	0
CO29041+	CO29040	2.53	9 1-	4ACSR	0	0	976	322	44	3	2	0.00	2.55	0
CO28988+	CO29041	2.56	3 1-	4ACSR	0	0	972	322	18	1	1	0.00	2.55	0
CO28989+	CO28988	2.58	3 1-	4ACSR	0	0	970	321	18	1	1	0.00	2.55	0
CO28697+	CO28696	2.50	111 3-	1/0ACSR	1047	1030	981	323	521	11	5	0.01	2.55	5
CO28738+	CO28697	2.57	2 1-	4ACSR	0	0	973	322	6	0	0	0.00	2.55	0
CO28737+	CO28697	2.51	3 1-	4ACSR	0	0	979	323	13	0	1	0.00	2.54	0
CO28815+	CO28697	2.55	106 3-	1/0ACSR	1043	1025	976	323	502	11	5	0.01	2.55	4
CO28814+	CO28815	2.61	103 3-	1/0ACSR	1039	1020	970	322	487	11	5	0.01	2.56	4
CO28997+	CO28814	2.62	33 1-	6ACWC	0	0	969	322	159	11	8	0.00	2.56	0
OC898+	CO28997	2.62	33 1-	10 N FUSE	0	0	969	322	159	11	110	0.00	2.56	0
CO28998+	OC898	2.68	33 1-	6ACWC	0	0	962	321	159	11	8	0.01	2.57	4
CO28739+	CO28998	2.72	1 1-	4ACSR	0	0	958	320	9	0	0	0.00	2.57	0
CO28953+	CO28998	2.70	32 1-	6ACWC	0	0	960	320	151	10	7	0.00	2.58	0
CO28954+	CO28953	2.75	30 1-	6ACWC	0	0	954	319	146	10	7	0.01	2.59	3
CO28955+	CO28954	2.78	28 1-	6ACWC	0	0	950	319	143	9	7	0.01	2.60	0
CO28699+	CO28955	2.86	17 1-	6ACWC	0	0	941	317	69	4	3	0.01	2.60	0
CO28700+	CO28699	2.91	12 1-	6ACWC	0	0	936	316	47	3	2	0.00	2.61	0
CO28951+	CO28700	2.97	9 1-	6ACWC	0	0	929	315	33	2	2	0.00	2.61	0
CO28952+	CO28951	3.01	3 1-	6ACWC	0	0	924	314	5	0	0	0.00	2.61	0
CO28816+	CO28952	3.03	3 1-	6ACWC	0	0	921	314	5	0	0	0.00	2.61	0
CO28817+	CO28816	3.12	3 1-	6ACWC	0	0	912	312	5	0	0	0.00	2.61	0
CO28818+	CO28817	3.22	3 1-	6ACWC	0	0	901	310	5	0	0	0.00	2.61	0
CO28741+	CO28818	3.26	1 1-	4ACSR	0	0	896	310	0	0	0	0.00	2.61	0
CO28884+	CO28818	3.26	1 1-	4ACSR	0	0	896	310	3	0	0	0.00	2.61	0
CO28885+	CO28884	3.27	1 1-	4ACSR	0	0	895	309	3	0	0	0.00	2.61	0
CO28740+	CO28700	2.93	3 1-	4ACSR	0	0	934	316	14	0	1	0.00	2.61	0
CO28881+	CO28699	2.89	5 1-	4ACSR	0	0	937	317	22	1	1	0.00	2.61	0
CO28882+	CO28881	2.95	3 1-	4ACSR	0	0	931	316	8	0	0	0.00	2.61	0
CO28883+	CO28882	2.96	3 1-	4ACSR	0	0	929	315	8	0	0	0.00	2.61	0
CO28698+	CO28955	2.82	11 1-	6ACWC	0	0	946	318	74	5	4	0.00	2.60	0
CO28956+	CO28698	2.86	6 1-	6ACWC	0	0	942	317	48	3	2	0.00	2.60	0
CO28957+	CO28956	2.89	5 1-	6ACWC	0	0	937	317	47	3	2	0.00	2.60	0
CO29033+	CO28957	2.96	2 1-	6ACWC	0	0	930	315	27	1	1	0.00	2.61	0
CO28764+	CO29033	3.01	0 1-	6ACWC	0	0	924	314	0	0	0	0.00	2.61	0
CO29034+	CO29033	2.98	1 1-	6ACWC	0	0	927	315	15	1	1	0.00	2.61	0
CO28819+	CO28698	2.91	4 1-	6ACWC	0	0	935	316	20	1	1	0.00	2.60	0
CO28820+	CO28819	2.99	4 1-	6ACWC	0	0	926	315	20	1	1	0.00	2.60	0
CO28821+	CO28820	3.01	3 1-	6ACWC	0	0	924	314	13	0	1	0.00	2.61	0
CO29052+	CO28821	3.11	3 1-	6ACWC	0	0	912	312	13	0	1	0.00	2.61	0
CO28773+	CO29052	3.16	1 1-	2ACSR	0	0	908	312	8	0	0	0.00	2.61	0
CO29053+	CO29052	3.22	2 1-	6ACWC	0	0	901	310	5	0	0	0.00	2.61	0
CO29031+	CO28814	2.69	6 1-	4ACSR	0	0	961	321	33	2	2	0.00	2.56	0
CO28984+	CO29031	2.71	2 1-	4ACSR	0	0	959	320	22	1	1	0.00	2.56	0
CO28985+	CO28984	2.72	1 1-	4ACSR	0	0	957	320	18	1	1	0.00	2.56	0
CO29032+	CO29031	2.72	1 1-	4ACSR	0	0	957	320	6	0	0	0.00	2.56	0
CO28765+	CO28814	2.64	1 1-	4/0ACSR	0	0	968	322	11	0	0	0.00	2.56	0
CO28742+	CO28814	2.69	1 1-	4ACSR	0	0	961	321	7	0	0	0.00	2.56	0
CO28701+	CO28814	2.77	62 3-	1/0ACSR	1028	1008	956	321	277	6	3	0.01	2.57	4

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO28822+	CO28701	2.84	48 3-	1/0ACSR	1022	1002	949	320	228	5	2	0.00	2.57	0
CO28823+	CO28822	2.89	48 3-	1/0ACSR	1019	998	944	319	228	5	2	0.00	2.57	0
CO28824+	CO28823	2.91	48 3-	1/0ACSR	1017	997	942	319	228	5	2	0.00	2.57	0
CO28958+	CO28824	2.97	20 3-	1/0ACSR	1013	992	937	318	79	1	1	0.00	2.57	0
CO28959+	CO28958	3.00	17 3-	1/0ACSR	1011	990	934	318	74	1	1	0.00	2.57	0
CO28960+	CO28959	3.11	11 3-	1/0ACSR	1004	982	925	317	53	1	1	0.00	2.58	0
CO28890+	CO28960	3.21	5 1-	4ACSR	0	0	913	315	17	1	1	0.00	2.57	0
CO28891+	CO28890	3.25	1 1-	4ACSR	0	0	909	314	0	0	0	0.00	2.57	0
CO28941+	CO28960	3.18	3 1-	4ACSR	0	0	917	316	23	1	1	0.00	2.58	0
CO28942+	CO28941	3.20	2 1-	4ACSR	0	0	914	315	7	0	0	0.00	2.58	0
CO28888+	CO28942	3.25	0 1-	4ACSR	0	0	909	314	0	0	0	0.00	2.58	0
CO28889+	CO28888	3.36	0 1-	4ACSR	0	0	897	312	0	0	0	0.00	2.58	0
CO28995+	CO28824	2.92	25 1-	4ACSR	0	0	942	319	144	9	7	0.00	2.57	0
OC897+	CO28995	2.92	25 1-	10 N FUSE	0	0	942	319	144	9	100	0.00	2.57	0
CO28996+	OC897	2.97	25 1-	4ACSR	0	0	936	318	144	9	7	0.01	2.58	2
CO28825+	CO28996	3.04	21 1-	4ACSR	0	0	928	317	132	9	7	0.01	2.60	3
CO28702+	CO28825	3.23	12 1-	4ACSR	0	0	906	313	88	6	4	0.03	2.62	4
CO28748+	CO28702	3.32	1 1-	4ACSR	0	0	897	311	10	0	1	0.00	2.62	0
CO28826+	CO28702	3.29	9 1-	4ACSR	0	0	900	312	72	4	4	0.01	2.63	0
CO28827+	CO28826	3.37	9 1-	4ACSR	0	0	891	310	72	4	4	0.01	2.64	0
CO28946+	CO28827	3.47	8 1-	4ACSR	0	0	881	308	69	4	3	0.01	2.65	0
CO28947+	CO28946	3.51	7 1-	4ACSR	0	0	875	307	67	4	3	0.01	2.65	0
CO28828+	CO28947	3.56	7 1-	4ACSR	0	0	871	307	67	4	3	0.00	2.66	0
CO28746+	CO28828	3.64	1 1-	4ACSR	0	0	862	305	6	0	0	0.00	2.66	0
CO28948+	CO28828	3.57	5 1-	4ACSR	0	0	869	306	48	3	2	0.00	2.66	0
CO29058+	CO28948	3.64	2 1-	4ACSR	0	0	862	305	21	1	1	0.00	2.66	0
CO28747+	CO29058	3.67	1 1-	4ACSR	0	0	858	305	11	0	1	0.00	2.66	0
CO29059+	CO29058	3.65	1 1-	4ACSR	0	0	861	305	10	0	0	0.00	2.66	0
CO28750+	CO28825	3.15	4 1-	4ACSR	0	0	916	314	21	1	1	0.00	2.60	0
CO28749+	CO28825	3.12	2 1-	4ACSR	0	0	918	315	6	0	0	0.00	2.60	0
CO28768+	CO28825	3.07	1 1-	2ACSR	0	0	925	316	4	0	0	0.00	2.60	0
CO28944+	CO28701	2.80	14 1-	4ACSR	0	0	951	320	49	3	2	0.00	2.57	0
CO28945+	CO28944	2.84	13 1-	4ACSR	0	0	947	319	46	3	2	0.00	2.57	0
CO28745+	CO28945	2.88	3 1-	4ACSR	0	0	943	318	7	0	0	0.00	2.57	0
CO28744+	CO28945	2.88	1 1-	4ACSR	0	0	942	318	11	0	1	0.00	2.57	0
CO28743+	CO28945	2.91	3 1-	4ACSR	0	0	939	318	6	0	0	0.00	2.57	0
CO28886+	CO28945	2.95	6 1-	4ACSR	0	0	935	317	21	1	1	0.00	2.57	0
CO28887+	CO28886	3.02	0 1-	4ACSR	0	0	926	315	0	0	0	0.00	2.57	0
CO28694+	CO29000	2.36	7 3-	1/0ACSR	1057	1041	995	325	8	0	0	0.00	2.51	0
CO28875+	CO28694	2.40	4 1-	4ACSR	0	0	990	324	3	0	0	0.00	2.51	0
CO28876+	CO28875	2.43	4 1-	4ACSR	0	0	987	323	3	0	0	0.00	2.51	0
CO28763+	CO29000	2.29	0 1-	4/0ACSR	0	0	1003	326	0	0	0	0.00	2.51	0
CO28829+	CO28813	2.13	612 3-	1/0CU	1075	1061	1019	328	3831	86	28	0.03	2.52	154
CO28830+	CO28829	2.24	612 3-	1/0CU	1068	1053	1010	327	3830	86	28	0.05	2.57	300
CO28703+	CO28830	2.43	8 3-	4ACSR	1051	1033	985	323	51	1	1	0.00	2.58	0
CO28831+	CO28703	2.55	7 3-	4ACSR	1040	1020	971	320	43	1	1	0.00	2.58	0
CO28832+	CO28831	2.62	7 3-	4ACSR	1035	1014	963	319	43	1	1	0.00	2.58	0
CO28910+	CO28832	2.64	1 1-	4ACSR	0	0	960	318	8	0	0	0.00	2.58	0
CO28973+	CO28832	2.68	5 1-	4ACSR	0	0	956	318	34	2	2	0.00	2.58	0
CO29075+	CO28973	2.73	1 1-	4ACSR	0	0	949	317	13	0	1	0.00	2.58	0
CO28974+	CO28973	2.69	4 1-	4ACSR	0	0	954	317	21	1	1	0.00	2.58	0
CO28892+	CO28974	2.71	4 1-	4ACSR	0	0	952	317	21	1	1	0.00	2.58	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28751+	CO28703	2.49	1 1-	4ACSR	0	0	978	321	8	0	0	0.00	2.58	0
CO28966+	CO28830	2.45	604 3-	1/0CU	1055	1038	991	325	3777	85	28	0.10	2.67	562
CO29073+	CO28966	2.70	603 3-	1/0CU	1040	1022	971	323	3762	85	28	0.11	2.79	642
CO29054+	CO29073	2.83	602 3-	1/0CU	1032	1013	960	322	3757	85	28	0.06	2.85	357
CO29055+	CO29054	2.90	599 3-	1/0CU	1027	1008	955	322	3749	85	28	0.03	2.88	188
CO28704+	CO29055	3.05	599 3-	1/0CU	1019	998	943	320	3748	85	28	0.07	2.95	374
CO30425+	CO28704	3.20	592 3-	1/0CU	1010	989	932	319	3703	84	27	0.07	3.02	381
CO30428+	CO30425	3.27	2 1-	4ACSR	0	0	924	318	4	0	0	0.00	3.01	0
CO28350+	CO30425	3.29	1 1-	4ACSR	0	0	922	317	7	0	0	0.00	3.01	0
CO28311+	CO30425	3.27	589 3-	1/0CU	1006	984	927	319	3690	84	27	0.03	3.05	181
CO28567+	CO28311	3.48	2 3-	4ACSR	989	964	904	315	43	0	1	0.00	3.05	0
CO28568+	CO28567	3.72	2 3-	4ACSR	969	940	878	310	43	0	1	0.00	3.05	0
CO1674805093+	CO28568	4.03	0 1-	2ACSR	0	0	851	306	0	0	0	0.00	3.05	0
CO28569+	CO28568	3.76	1 3-	4ACSR	965	936	874	309	0	0	0	0.00	3.05	0
CO1319228516+	CO28569	3.79	1 1-	2ACSR	0	0	872	309	0	0	0	0.00	3.05	0
CO-691419260+	CO1319228516	3.82	1 1-	2ACSR	0	0	868	308	0	0	0	0.00	3.05	0
CO28565+	CO28311	3.30	587 3-	1/0CU	1004	982	924	319	3646	83	27	0.02	3.06	86
CO28566+	CO28565	3.36	587 3-	1/0CU	1001	979	920	318	3646	83	27	0.02	3.09	137
CO28349+	CO28566	3.43	1 1-	4ACSR	0	0	912	317	11	0	1	0.00	3.09	0
CO28562+	CO28566	3.40	586 3-	1/0CU	999	976	917	318	3634	82	27	0.02	3.11	99
CO28563+	CO28562	3.53	586 3-	1/0CU	991	968	908	317	3634	82	27	0.06	3.16	324
CO28564+	CO28563	3.55	586 3-	1/0CU	990	967	906	317	3632	82	27	0.01	3.17	49
CO28351+	CO28564	3.64	2 1-	4ACSR	0	0	897	315	11	0	1	0.00	3.17	0
CO28310+	CO28564	3.67	583 3-	1/0CU	984	960	898	316	3619	82	27	0.05	3.22	281
CO28352+	CO28310	3.69	1 1-	4ACSR	0	0	896	315	6	0	0	0.00	3.22	0
CO28309+	CO28310	3.69	582 3-	1/0CU	982	958	896	316	3612	82	27	0.01	3.24	71
CO30689+	CO28309	3.70	0 3-	6HDCU	982	958	896	316	975	22	17	0.00	3.24	0
OC882+	CO30689	3.70	0 3-	70 E OCR	982	958	896	316	0	0	0	0.00	3.24	0
CO28597+	CO28309	3.70	196 3-	6HDCU	982	958	896	316	975	22	17	0.00	3.24	3
MTP28598+	CO28597	3.70	196 3-	Node	982	958	896	316	975	22	0	0.00	3.24	0
CO28598+	MTP28598	3.71	196 3-	6HDCU	981	956	894	315	975	22	17	0.01	3.24	10
CO28560+	CO28598	3.79	195 3-	6HDCU	975	950	887	314	974	22	17	0.03	3.28	54
CO28561+	CO28560	3.93	195 3-	6HDCU	964	937	873	311	973	22	17	0.06	3.34	102
CO28308+	CO28561	3.98	194 3-	1/0ACSR	961	933	868	311	973	22	10	0.01	3.35	17
CO28377+	CO28308	4.02	1 1-	2ACSR	0	0	865	310	8	0	0	0.00	3.35	0
CO28556+	CO28308	4.18	193 3-	1/0ACSR	948	919	853	309	964	22	10	0.04	3.39	57
CO28557+	CO28556	4.25	191 3-	1/0ACSR	944	914	848	308	962	22	10	0.01	3.40	18
CO28555+	CO28557	4.32	190 3-	1/0ACSR	939	909	842	307	954	22	10	0.01	3.42	21
CO28348+	CO28555	4.40	1 1-	4ACSR	0	0	835	306	3	0	0	0.00	3.41	0
CO28551+	CO28555	4.40	3 1-	4ACSR	0	0	835	306	9	0	0	0.00	3.41	0
CO28552+	CO28551	4.44	2 1-	4ACSR	0	0	831	305	6	0	0	0.00	3.42	0
CO28553+	CO28552	4.50	2 1-	4ACSR	0	0	826	304	6	0	0	0.00	3.42	0
CO28554+	CO28553	4.55	1 1-	2ACSR	0	0	821	303	3	0	0	0.00	3.42	0
CO28549+	CO28555	4.38	186 3-	1/0ACSR	936	905	838	307	942	21	9	0.01	3.43	16
CO28550+	CO28549	4.44	185 3-	1/0ACSR	932	901	834	306	936	21	9	0.01	3.44	15
CO28299+	CO28550	4.49	182 3-	1/0ACSR	929	898	830	306	926	21	9	0.01	3.45	13
CO28547+	CO28299	4.53	179 3-	1/0ACSR	927	895	827	305	899	20	9	0.01	3.45	11
CO28548+	CO28547	4.64	177 3-	1/0ACSR	920	888	819	304	883	20	9	0.02	3.47	26
CO736615418+	CO28548	4.70	0 1-	2ACSR	0	0	814	304	0	0	0	0.00	3.47	0
CO399653303+	CO736615418	4.75	0 1-	2ACSR	0	0	810	303	0	0	0	0.00	3.47	0
CO773899197+	CO399653303	4.80	0 1-	2ACSR	0	0	806	302	0	0	0	0.00	3.47	0
CO28538+	CO28548	4.66	159 3-	1/0ACSR	919	887	818	304	768	17	8	0.00	3.48	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28539+	CO28538	4.74	159 3-	1/0ACSR	914	881	812	303	768	17	8	0.01	3.49	15
CO28298+	CO28539	4.82	0 1-	6ACWC	0	0	805	302	0	0	0	0.00	3.49	0
CO28342+	CO28298	4.90	0 1-	6ACWC	0	0	798	301	0	0	0	0.00	3.49	0
CO28532+	CO28539	4.81	156 3-	1/0ACSR	910	877	807	303	750	17	8	0.01	3.50	12
CO28533+	CO28532	4.85	154 3-	1/0ACSR	908	875	804	302	732	16	7	0.01	3.51	6
CO28297+	CO28533	4.92	152 3-	1/0ACSR	903	870	799	302	724	16	7	0.01	3.52	12
CO28528+	CO28297	4.97	1 1-	4ACSR	0	0	795	301	4	0	0	0.00	3.51	0
CO28529+	CO28528	5.02	1 1-	4ACSR	0	0	791	300	4	0	0	0.00	3.51	0
CO28526+	CO28297	4.95	3 1-	4ACSR	0	0	797	301	10	0	0	0.00	3.51	0
CO28527+	CO28526	5.05	1 1-	4ACSR	0	0	788	299	6	0	0	0.00	3.51	0
CO28524+	CO28297	4.95	2 1-	4ACSR	0	0	797	301	11	0	1	0.00	3.51	0
CO-929806305+	CO28524	4.96	0 1-	2ACSR	0	0	796	301	0	0	0	0.00	3.51	0
CO28525+	CO28524	4.96	2 1-	4ACSR	0	0	795	301	11	0	1	0.00	3.51	0
CO28522+	CO28297	4.98	145 3-	1/0ACSR	900	866	795	301	699	16	7	0.01	3.52	9
CO28523+	CO28522	5.04	143 3-	1/0ACSR	896	862	791	301	696	16	7	0.01	3.53	9
CO28443+	CO28523	5.07	76 3-	1/0ACSR	895	861	789	300	360	8	4	0.00	3.54	0
CO28444+	CO28443	5.08	75 3-	1/0ACSR	894	860	788	300	358	8	4	0.00	3.54	0
CO28445+	CO28444	5.13	75 3-	1/0ACSR	891	857	785	300	358	8	4	0.00	3.54	0
CO28340+	CO28445	5.15	5 1-	4ACSR	0	0	783	299	17	1	1	0.00	3.54	0
CO28324+	CO28445	5.21	35 3-	1/0ACSR	886	852	780	299	166	3	2	0.00	3.54	0
CO28316+	CO28324	5.52	24 3-	1/0ACSR	870	833	760	296	130	3	1	0.01	3.55	0
CO-1734286821+	CO28316	5.61	24 1-	2ACSR	0	0	754	295	130	9	5	0.01	3.56	3
OC27595705+	CO-1734286821	5.61	24 1-	20 N FUSE	0	0	754	295	130	9	45	0.00	3.56	0
CO898308174+	OC27595705	5.69	24 1-	2ACSR	0	0	748	294	130	9	5	0.01	3.57	2
CO-2053102347+	CO898308174	5.82	21 1-	2ACSR	0	0	739	292	121	8	5	0.02	3.59	3
CO422486170+	CO-2053102347	5.86	1 1-	2ACSR	0	0	737	292	3	0	0	0.00	3.59	0
CO382354984+	CO-2053102347	5.90	20 1-	2ACSR	0	0	734	292	118	8	5	0.01	3.60	0
CO28425+	CO382354984	5.95	17 1-	4ACSR	0	0	730	291	86	5	4	0.01	3.61	0
CO28426+	CO28425	6.06	16 1-	4ACSR	0	0	722	289	84	5	4	0.01	3.62	0
CO30426+	CO28426	6.20	13 1-	4ACSR	0	0	710	286	71	4	4	0.02	3.64	0
CO28115+	CO30426	6.35	13 1-	4ACSR	0	0	699	284	71	4	4	0.02	3.65	0
CO28070+	CO28115	6.45	2 1-	2ACSR	0	0	693	283	11	0	0	0.00	3.66	0
CO28110+	CO28115	6.43	11 1-	2ACSR	0	0	694	283	60	4	2	0.01	3.66	0
CO28111+	CO28110	6.57	11 1-	2ACSR	0	0	686	282	60	4	2	0.01	3.67	0
CO28113+	CO28111	6.67	2 1-	2ACSR	0	0	680	281	3	0	0	0.00	3.67	0
CO28114+	CO28113	6.75	0 1-	2ACSR	0	0	675	280	0	0	0	0.00	3.67	0
CO28112+	CO28111	6.63	9 1-	2ACSR	0	0	682	281	58	4	2	0.00	3.67	0
CO28109+	CO28112	6.70	9 1-	2ACSR	0	0	678	280	58	4	2	0.00	3.68	0
CO28108+	CO28109	6.76	9 1-	2ACSR	0	0	674	279	58	4	2	0.00	3.68	0
CO28107+	CO28108	6.80	9 1-	2ACSR	0	0	672	279	58	4	2	0.00	3.68	0
CO28106+	CO28107	6.85	9 1-	2ACSR	0	0	669	278	58	4	2	0.00	3.69	0
CO28043+	CO28106	6.92	1 1-	4ACSR	0	0	665	277	14	0	1	0.00	3.69	0
CO28104+	CO28106	6.93	8 1-	2ACSR	0	0	664	278	43	3	2	0.00	3.69	0
CO28105+	CO28104	7.02	8 1-	2ACSR	0	0	660	277	43	3	2	0.00	3.69	0
CO28103+	CO28105	7.09	8 1-	2ACSR	0	0	656	276	43	3	2	0.00	3.70	0
CO28020+	CO28103	7.18	4 1-	2ACSR	0	0	650	275	6	0	0	0.00	3.70	0
CO28117+	CO28020	7.22	4 1-	4ACSR	0	0	648	274	6	0	0	0.00	3.70	0
CO28116+	CO28117	7.26	3 1-	4ACSR	0	0	645	274	2	0	0	0.00	3.70	0
CO28018+	CO28116	7.38	2 1-	4ACSR	0	0	637	272	2	0	0	0.00	3.70	0
CO28044+	CO28018	7.41	2 1-	4ACSR	0	0	635	271	2	0	0	0.00	3.70	0
CO28017+	CO28018	7.48	0 1-	4ACSR	0	0	631	270	0	0	0	0.00	3.70	0
CO28019+	CO28017	7.51	0 1-	4ACSR	0	0	629	270	0	0	0	0.00	3.70	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28119+	CO28019	7.85	0 1-	4ACSR	0	0	608	265	0	0	0	0.00	3.70	0
CO28120+	CO28119	8.00	0 1-	4ACSR	0	0	599	263	0	0	0	0.00	3.70	0
CO28121+	CO28120	8.15	0 1-	4ACSR	0	0	590	261	0	0	0	0.00	3.70	0
CO28118+	CO28117	7.25	0 1-	4ACSR	0	0	646	274	0	0	0	0.00	3.70	0
CO28101+	CO28103	7.15	4 1-	2ACSR	0	0	652	275	37	2	1	0.00	3.70	0
CO28102+	CO28101	7.19	4 1-	2ACSR	0	0	650	275	37	2	1	0.00	3.70	0
CO28100+	CO28102	7.22	4 1-	2ACSR	0	0	648	274	37	2	1	0.00	3.70	0
CO28099+	CO28100	7.39	4 1-	2ACSR	0	0	639	273	37	2	1	0.01	3.71	0
CO239927185+	CO28099	7.44	1 1-	2ACSR	0	0	636	272	9	0	0	0.00	3.71	0
CO28045+	CO28099	7.62	3 1-	4ACSR	0	0	624	269	28	1	1	0.01	3.72	0
CO507127360+	CO28045	7.97	1 1-	2ACSR	0	0	607	266	6	0	0	0.00	3.72	0
CO28097+	CO28045	7.70	2 1-	4ACSR	0	0	619	268	22	1	1	0.00	3.72	0
CO-365168624+	CO28097	7.81	0 1-	2ACSR	0	0	614	267	0	0	0	0.00	3.72	0
CO-1107506301+	CO28097	7.80	1 1-	2ACSR	0	0	614	267	9	0	0	0.00	3.72	0
CO28096+	CO28099	7.60	0 1-	2ACSR	0	0	628	270	0	0	0	0.00	3.71	0
CO28095+	CO28096	7.62	0 1-	2ACSR	0	0	627	270	0	0	0	0.00	3.71	0
CO28094+	CO28095	7.66	0 1-	2ACSR	0	0	625	270	0	0	0	0.00	3.71	0
CO28093+	CO28094	7.69	0 1-	2ACSR	0	0	623	269	0	0	0	0.00	3.71	0
CO28092+	CO28093	7.78	0 1-	2ACSR	0	0	619	269	0	0	0	0.00	3.71	0
CO28196+	CO28092	7.81	0 1-	2ACSR	0	0	617	268	0	0	0	0.00	3.71	0
#SW865-B+	CO28196	7.81	0 1-	Open	0	0	617	268	0	0	0	0.00	3.71	0
CO28427+	CO28426	6.15	3 1-	4ACSR	0	0	714	287	14	0	1	0.00	3.62	0
CO30431+	CO28427	6.22	2 1-	4ACSR	0	0	709	286	6	0	0	0.00	3.62	0
CO28134+	CO30431	6.26	2 1-	4ACSR	0	0	706	286	6	0	0	0.00	3.62	0
CO28067+	CO28134	6.31	1 1-	2ACSR	0	0	703	285	0	0	0	0.00	3.62	0
CO28135+	CO28134	6.30	1 1-	4ACSR	0	0	703	285	6	0	0	0.00	3.62	0
CO28362+	CO382354984	5.92	3 1-	4ACSR	0	0	732	291	32	2	2	0.00	3.60	0
CO-753009952+	CO28362	5.96	2 1-	2ACSR	0	0	729	291	21	1	1	0.00	3.60	0
CO1544102642+	CO-753009952	5.98	1 1-	2ACSR	0	0	728	290	9	0	0	0.00	3.60	0
CO160279021+	CO-2053102347	5.84	0 1-	2ACSR	0	0	738	292	0	0	0	0.00	3.59	0
CO138472408+	CO898308174	5.77	0 1-	2ACSR	0	0	743	293	0	0	0	0.00	3.57	0
CO1086450442+	CO898308174	5.75	3 1-	2ACSR	0	0	744	293	9	0	0	0.00	3.57	0
CO28424+	CO1086450442	5.81	1 1-	4ACSR	0	0	739	292	1	0	0	0.00	3.57	0
CO28587+	CO28324	5.22	11 1-	4ACSR	0	0	779	299	36	2	2	0.00	3.55	0
OC869+	CO28587	5.22	11 1-	15 H OCR	0	0	779	299	36	2	17	0.00	3.55	0
CO28588+	OC869	5.53	11 1-	4ACSR	0	0	753	294	36	2	2	0.02	3.56	0
CO28422+	CO28588	5.58	10 1-	4ACSR	0	0	749	293	32	2	2	0.00	3.57	0
CO28421+	CO28422	5.80	10 1-	4ACSR	0	0	731	289	32	2	2	0.01	3.58	0
CO28578+	CO28421	6.09	9 1-	4ACSR	0	0	708	284	29	2	1	0.01	3.59	0
CO28288+	CO28578	6.16	7 1-	4ACSR	0	0	703	283	29	2	1	0.00	3.59	0
CO28326+	CO28288	6.32	2 1-	4ACSR	0	0	691	281	2	0	0	0.00	3.59	0
CO28289+	CO28288	6.26	5 1-	4ACSR	0	0	695	282	26	1	1	0.00	3.60	0
CO28290+	CO28289	6.31	4 1-	4ACSR	0	0	692	281	26	1	1	0.00	3.60	0
CO28419+	CO28290	6.37	4 1-	4ACSR	0	0	687	280	26	1	1	0.00	3.60	0
CO28420+	CO28419	6.46	4 1-	4ACSR	0	0	680	278	26	1	1	0.00	3.61	0
CO28417+	CO28420	6.56	4 1-	4ACSR	0	0	673	277	26	1	1	0.00	3.61	0
CO28418+	CO28417	6.77	4 1-	4ACSR	0	0	658	274	26	1	1	0.01	3.62	0
CO28416+	CO28418	6.90	4 1-	4ACSR	0	0	650	272	26	1	1	0.01	3.62	0
CO28415+	CO28416	6.99	4 1-	4ACSR	0	0	643	271	26	1	1	0.00	3.63	0
CO28414+	CO28415	7.36	3 1-	4ACSR	0	0	619	265	17	1	1	0.01	3.64	0
CO28412+	CO28414	7.41	1 1-	4ACSR	0	0	616	265	0	0	0	0.00	3.64	0
CO28329+	CO28412	7.44	1 1-	4ACSR	0	0	614	264	0	0	0	0.00	3.64	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28413+	CO28412	7.54	0 1-	4ACSR	0	0	608	263	0	0	0	0.00	3.64	0
CO28328+	CO28414	7.52	1 1-	4ACSR	0	0	609	263	14	0	1	0.00	3.64	0
CO28327+	CO28289	6.45	1 1-	4ACSR	0	0	681	279	0	0	0	0.00	3.60	0
CO28325+	CO28578	6.11	2 1-	4ACSR	0	0	706	284	1	0	0	0.00	3.59	0
CO28589+	CO28445	5.14	35 1-	4ACSR	0	0	785	300	174	12	9	0.00	3.54	0
OC884+	CO28589	5.14	35 1-	20 N FUSE	0	0	785	300	174	12	61	0.00	3.54	0
CO28590+	OC884	5.17	35 1-	4ACSR	0	0	782	299	174	12	9	0.01	3.55	2
CO28428+	CO28590	5.19	35 1-	4ACSR	0	0	780	299	174	12	9	0.00	3.55	0
CO28429+	CO28428	5.26	32 1-	4ACSR	0	0	774	297	163	11	8	0.02	3.57	5
CO28430+	CO28429	5.33	32 1-	4ACSR	0	0	768	296	163	11	8	0.02	3.59	5
CO28431+	CO28430	5.43	32 1-	4ACSR	0	0	760	295	163	11	8	0.02	3.61	6
CO28432+	CO28431	5.48	31 1-	4ACSR	0	0	756	294	155	10	8	0.01	3.63	3
CO28433+	CO28432	5.55	30 1-	4ACSR	0	0	749	292	155	10	8	0.02	3.64	4
CO28435+	CO28433	5.62	29 1-	4ACSR	0	0	744	291	144	10	7	0.02	3.66	4
CO28436+	CO28435	5.65	27 1-	4ACSR	0	0	742	291	142	9	7	0.01	3.67	0
CO28434+	CO28436	5.69	27 1-	4ACSR	0	0	739	290	142	9	7	0.01	3.67	0
CO28317+	CO28434	5.76	24 1-	4ACSR	0	0	732	289	124	8	6	0.01	3.69	3
CO28358+	CO28317	5.83	1 1-	4ACSR	0	0	727	288	2	0	0	0.00	3.69	0
CO28357+	CO28317	5.81	1 1-	4ACSR	0	0	728	288	0	0	0	0.00	3.69	0
CO28318+	CO28317	5.92	22 1-	4ACSR	0	0	719	286	121	8	6	0.03	3.72	6
CO28441+	CO28318	6.08	17 1-	4ACSR	0	0	707	284	103	7	5	0.03	3.75	4
CO28442+	CO28441	6.16	16 1-	4ACSR	0	0	701	283	103	7	5	0.01	3.76	0
CO30432+	CO28442	6.25	15 1-	4ACSR	0	0	694	281	93	6	5	0.01	3.77	0
CO28016+	CO30432	6.29	1 1-	4ACSR	0	0	691	280	3	0	0	0.00	3.77	0
CO28175+	CO30432	6.30	4 1-	4ACSR	0	0	691	280	19	1	1	0.00	3.77	0
CO28176+	CO28175	6.37	2 1-	4ACSR	0	0	685	279	14	0	1	0.00	3.77	0
CO28177+	CO28176	6.43	1 1-	4ACSR	0	0	681	278	9	0	0	0.00	3.77	0
CO28169+	CO30432	6.31	9 1-	4ACSR	0	0	690	280	64	4	3	0.01	3.78	0
CO28170+	CO28169	6.39	7 1-	4ACSR	0	0	684	279	46	3	2	0.00	3.78	0
CO28171+	CO28170	6.43	6 1-	4ACSR	0	0	681	278	36	2	2	0.00	3.78	0
CO28172+	CO28171	6.53	5 1-	4ACSR	0	0	674	277	26	1	1	0.00	3.79	0
CO28015+	CO28172	6.76	1 1-	4ACSR	0	0	657	273	0	0	0	0.00	3.79	0
CO28042+	CO28015	6.87	1 1-	4ACSR	0	0	650	272	0	0	0	0.00	3.79	0
CO28041+	CO28015	6.95	0 1-	4ACSR	0	0	644	271	0	0	0	0.00	3.79	0
CO28173+	CO28172	6.59	2 1-	4ACSR	0	0	670	276	14	0	1	0.00	3.79	0
CO28066+	CO28173	6.63	2 1-	750 MCM - 42 wi	0	0	669	276	14	0	0	0.00	3.79	0
CO28174+	CO28173	6.64	0 1-	4ACSR	0	0	666	275	0	0	0	0.00	3.79	0
CO28439+	CO28318	5.99	5 1-	4ACSR	0	0	714	285	19	1	1	0.00	3.72	0
CO28440+	CO28439	6.04	1 1-	4ACSR	0	0	710	284	14	0	1	0.00	3.72	0
CO28437+	CO28434	5.78	3 1-	4ACSR	0	0	731	289	18	1	1	0.00	3.68	0
CO28438+	CO28437	5.87	1 1-	4ACSR	0	0	723	287	6	0	0	0.00	3.68	0
CO28341+	CO28523	5.09	3 1-	4ACSR	0	0	787	300	10	0	0	0.00	3.53	0
CO28591+	CO28523	5.05	62 1-	4ACSR	0	0	790	300	319	22	16	0.00	3.53	0
OC870+	CO28591	5.05	62 1-	35 E OCR	0	0	790	300	319	22	63	0.00	3.53	0
CO28592+	OC870	5.08	62 1-	4ACSR	0	0	788	300	319	22	16	0.02	3.55	8
CO28446+	CO28592	5.10	61 1-	4ACSR	0	0	786	300	306	21	15	0.01	3.56	5
CO28447+	CO28446	5.12	59 1-	4ACSR	0	0	784	299	288	20	14	0.01	3.57	5
CO28364+	CO28447	5.18	2 1-	4ACSR	0	0	779	298	19	1	1	0.00	3.57	0
CO28448+	CO28447	5.20	52 1-	4ACSR	0	0	778	298	258	17	13	0.03	3.60	12
CO28449+	CO28448	5.28	49 1-	4ACSR	0	0	770	296	249	17	12	0.03	3.63	14
CO28450+	CO28449	5.31	47 1-	4ACSR	0	0	768	296	239	16	12	0.01	3.64	4
CO28451+	CO28450	5.38	46 1-	4ACSR	0	0	762	295	231	16	12	0.03	3.67	10

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28339+	CO28451	5.41	2 1-	4ACSR	0	0	759	294	8	0	0	0.00	3.67	0
CO28452+	CO28451	5.48	44 1-	4ACSR	0	0	754	293	223	15	11	0.03	3.70	12
CO28453+	CO28452	5.50	43 1-	4ACSR	0	0	752	293	217	15	11	0.01	3.71	3
CO28454+	CO28453	5.53	42 1-	4ACSR	0	0	750	292	209	14	10	0.01	3.72	3
CO1802451650+	CO28454	5.61	2 1-	2ACSR	0	0	744	291	10	0	0	0.00	3.72	0
CO28455+	CO28454	5.65	40 1-	4ACSR	0	0	739	290	199	13	10	0.04	3.76	13
CO28366+	CO28455	5.67	2 1-	2ACSR	0	0	738	290	3	0	0	0.00	3.76	0
CO28456+	CO28455	5.71	38 1-	4ACSR	0	0	734	289	196	13	10	0.02	3.78	6
CO28457+	CO28456	5.75	37 1-	4ACSR	0	0	731	288	191	13	9	0.01	3.79	3
CO28458+	CO28457	5.85	36 1-	4ACSR	0	0	724	287	186	12	9	0.03	3.82	9
CO28459+	CO28458	5.88	36 1-	4ACSR	0	0	721	286	186	12	9	0.01	3.82	2
CO28375+	CO28459	5.97	1 1-	2ACSR	0	0	715	285	7	0	0	0.00	3.82	0
CO28460+	CO28459	5.98	35 1-	4ACSR	0	0	713	285	179	12	9	0.03	3.85	9
CO28305+	CO28460	6.09	33 1-	4ACSR	0	0	704	283	161	11	8	0.03	3.88	8
CO-1924669892+	CO28305	6.19	1 1-	2ACSR	0	0	698	282	14	0	1	0.00	3.88	0
CO-1452547899+	CO-1924669892	6.23	0 1-	2ACSR	0	0	696	281	0	0	0	0.00	3.88	0
CO-1647662845+	CO-1924669892	6.27	1 1-	2ACSR	0	0	693	281	14	0	1	0.00	3.89	0
CO-2005018793+	CO-1647662845	6.33	1 1-	2ACSR	0	0	689	280	14	0	1	0.00	3.89	0
CO28461+	CO28305	6.14	1 1-	4ACSR	0	0	701	282	2	0	0	0.00	3.88	0
CO28304+	CO28305	6.15	31 1-	4ACSR	0	0	700	282	145	10	7	0.01	3.90	3
CO28303+	CO28304	6.32	5 1-	4ACSR	0	0	687	279	16	1	1	0.00	3.90	0
CO28301+	CO28303	6.44	3 1-	4ACSR	0	0	679	278	7	0	0	0.00	3.90	0
CO28300+	CO28301	6.57	0 1-	4ACSR	0	0	669	276	0	0	0	0.00	3.90	0
XFMR113	CO28300	6.57	0 1-	167 KVA 1PH AUT	0	0	533	163	0	0	0	0.00	3.90	0
CO28483+	CO28301	6.52	3 1-	4ACSR	0	0	673	276	7	0	0	0.00	3.90	0
CO28484+	CO28483	6.56	2 1-	4ACSR	0	0	670	276	5	0	0	0.00	3.90	0
CO28485+	CO28303	6.40	1 1-	4ACSR	0	0	682	278	1	0	0	0.00	3.90	0
CO28486+	CO28485	6.45	1 1-	4ACSR	0	0	678	277	1	0	0	0.00	3.90	0
CO28302+	CO28304	6.20	24 1-	4ACSR	0	0	696	281	122	8	6	0.01	3.90	0
CO28465+	CO28302	6.30	18 1-	4ACSR	0	0	689	280	104	7	5	0.02	3.92	3
CO28466+	CO28465	6.42	16 1-	4ACSR	0	0	680	278	89	6	4	0.02	3.94	2
CO28471+	CO28466	6.46	11 1-	4ACSR	0	0	677	277	71	4	4	0.01	3.94	0
CO1466221543+	CO28471	6.51	1 1-	2ACSR	0	0	674	277	9	0	0	0.00	3.94	0
CO28472+	CO28471	6.60	9 1-	4ACSR	0	0	667	275	58	4	3	0.01	3.95	0
CO28473+	CO28472	6.70	9 1-	2ACSR	0	0	661	274	58	4	2	0.01	3.96	0
CO584360241+	CO28473	6.85	1 1-	2ACSR	0	0	652	272	11	0	0	0.00	3.96	0
CO1365140619+	CO28473	6.91	7 1-	2ACSR	0	0	649	272	47	3	2	0.01	3.97	0
CO28474+	CO1365140619	6.98	1 1-	4ACSR	0	0	645	271	9	0	0	0.00	3.97	0
CO28475+	CO28474	7.04	0 1-	4ACSR	0	0	640	270	0	0	0	0.00	3.97	0
CO28476+	CO1365140619	7.06	6 1-	4ACSR	0	0	639	270	38	2	2	0.01	3.98	0
CO28477+	CO28476	7.09	5 1-	4ACSR	0	0	637	269	27	1	1	0.00	3.98	0
CO28478+	CO28477	7.17	5 1-	4ACSR	0	0	632	268	27	1	1	0.00	3.98	0
CO28479+	CO28478	7.25	5 1-	4ACSR	0	0	626	267	27	1	1	0.00	3.99	0
CO28480+	CO28479	7.33	5 1-	4ACSR	0	0	621	266	27	1	1	0.00	3.99	0
CO28359+	CO28480	7.39	1 1-	4ACSR	0	0	618	265	8	0	0	0.00	3.99	0
CO28481+	CO28480	7.41	3 1-	4ACSR	0	0	617	265	16	1	1	0.00	3.99	0
CO577165033+	CO28481	7.47	1 1-	2ACSR	0	0	613	264	12	0	0	0.00	3.99	0
CO28482+	CO28481	7.44	2 1-	4ACSR	0	0	614	264	4	0	0	0.00	3.99	0
CO28467+	CO28466	6.55	5 1-	4ACSR	0	0	670	276	18	1	1	0.00	3.94	0
CO28469+	CO28467	6.63	2 1-	4ACSR	0	0	665	275	9	0	0	0.00	3.94	0
CO28470+	CO28469	6.70	1 1-	4ACSR	0	0	660	274	9	0	0	0.00	3.94	0
CO28468+	CO28467	6.61	3 1-	4ACSR	0	0	666	275	9	0	0	0.00	3.94	0

 Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28344+	CO28468	6.70	1 1-	4ACSR	0	0	660	274	8	0	0	0.00	3.94	0
CO28463+	CO28302	6.22	3 1-	4ACSR	0	0	694	281	6	0	0	0.00	3.91	0
CO28464+	CO28463	6.26	1 1-	4ACSR	0	0	692	280	1	0	0	0.00	3.91	0
CO28368+	CO28302	6.24	3 1-	4ACSR	0	0	694	281	12	0	1	0.00	3.91	0
CO28346+	CO28460	6.09	1 1-	4ACSR	0	0	704	283	14	0	1	0.00	3.86	0
CO28338+	CO28456	5.77	1 1-	4ACSR	0	0	730	288	5	0	0	0.00	3.78	0
CO28530+	CO28533	4.94	1 1-	4ACSR	0	0	796	301	0	0	0	0.00	3.50	0
CO28531+	CO28530	5.08	1 1-	4ACSR	0	0	784	298	0	0	0	0.00	3.50	0
CO28534+	CO28539	4.76	0 1-	2ACSR	0	0	810	303	0	0	0	0.00	3.49	0
CO28535+	CO28534	4.80	0 1-	2ACSR	0	0	807	303	0	0	0	0.00	3.49	0
CO28540+	CO28548	4.75	15 1-	2ACSR	0	0	810	303	102	7	4	0.01	3.48	0
CO28541+	CO28540	4.78	14 1-	2ACSR	0	0	808	303	102	7	4	0.00	3.49	0
CO28542+	CO28541	4.84	13 1-	2ACSR	0	0	803	302	94	6	4	0.01	3.49	0
CO28376+	CO28542	4.85	1 1-	2ACSR	0	0	802	302	6	0	0	0.00	3.49	0
CO28543+	CO28542	4.89	12 1-	2ACSR	0	0	799	301	88	6	3	0.00	3.50	0
CO28544+	CO28543	4.95	9 1-	2ACSR	0	0	795	300	67	4	3	0.00	3.50	0
CO28373+	CO28544	4.99	2 1-	2ACSR	0	0	791	300	17	1	1	0.00	3.50	0
CO28545+	CO28544	4.98	6 1-	2ACSR	0	0	792	300	44	3	2	0.00	3.50	0
CO28546+	CO28545	5.03	3 1-	2ACSR	0	0	789	299	16	1	1	0.00	3.50	0
CO28374+	CO28545	5.03	2 1-	2ACSR	0	0	788	299	17	1	1	0.00	3.50	0
CO28372+	CO28543	4.93	2 1-	4ACSR	0	0	795	300	12	0	1	0.00	3.50	0
CO28343+	CO28299	4.55	3 1-	4ACSR	0	0	824	305	27	1	1	0.00	3.45	0
CO28356+	CO28550	4.57	3 3-	4ACSR	922	889	821	304	10	0	0	0.00	3.44	0
CO28575+	CO28356	4.65	2 1-	4ACSR	0	0	814	302	10	0	0	0.00	3.44	0
CO28576+	CO28575	4.72	2 1-	4ACSR	0	0	807	301	10	0	0	0.00	3.45	0
CO28577+	CO28576	4.80	2 1-	4ACSR	0	0	800	300	10	0	0	0.00	3.45	0
CO28574+	CO28356	4.63	1 1-	4ACSR	0	0	816	303	1	0	0	0.00	3.44	0
CO28558+	CO28561	4.10	1 1-	1/0CU	0	0	861	310	0	0	0	0.00	3.34	0
CO28559+	CO28558	4.17	1 1-	1/0CU	0	0	857	310	0	0	0	0.00	3.34	0
CA74+	CO28597	3.70	0 3-	Capacitor	982	958	896	316	0	-7	0	0.00	3.24	0
CO28322+	CO28309	3.75	386 3-	1/0CU	980	955	893	315	1660	38	12	0.01	3.25	27
CO28595+	CO28322	3.75	153 3-	1/0ACSR	979	955	892	315	641	14	6	0.00	3.25	0
OC878+	CO28595	3.75	153 3-	35 E OCR	979	955	892	315	641	14	42	0.00	3.25	0
CO28596+	OC878	3.77	153 3-	1/0ACSR	978	954	891	315	641	14	6	0.00	3.25	0
CO28370+	CO28596	3.80	1 1-	2ACSR	0	0	888	315	8	0	0	0.00	3.25	0
CO28371+	CO28370	3.87	1 1-	1/0PRIURD	0	0	883	598	8	0	0	0.00	3.25	0
CO28570+	CO28596	3.86	152 3-	1/0ACSR	972	947	883	314	633	14	6	0.01	3.26	11
CO28599+	CO28570	3.94	6 1-	4ACSR	0	0	875	313	19	1	1	0.00	3.26	0
CO28572+	CO28599	3.97	0 1-	4ACSR	0	0	872	312	0	0	0	0.00	3.26	0
CO28571+	CO28570	3.91	144 3-	1/0ACSR	969	944	880	314	611	14	6	0.01	3.27	5
CO30500+	CO28571	3.94	143 3-	1/0ACSR	967	941	877	313	608	14	6	0.00	3.27	4
CO28705+	CO30500	4.04	140 3-	1/0ACSR	961	934	869	312	603	13	6	0.01	3.29	10
CO28943+	CO28705	4.06	4 1-	4ACSR	0	0	867	312	31	2	2	0.00	3.28	0
CO29012+	CO28943	4.09	3 1-	4ACSR	0	0	864	311	24	1	1	0.00	3.28	0
CO28772+	CO29012	4.14	1 1-	2ACSR	0	0	860	311	3	0	0	0.00	3.29	0
CO29013+	CO29012	4.11	2 1-	4ACSR	0	0	862	311	21	1	1	0.00	3.29	0
CO29072+	CO28705	4.09	1 1-	4ACSR	0	0	864	311	1	0	0	0.00	3.28	0
CO28977+	CO29072	4.13	1 1-	4ACSR	0	0	860	311	1	0	0	0.00	3.28	0
CO29071+	CO28705	4.24	134 3-	1/0ACSR	948	920	854	310	562	13	6	0.02	3.31	20
CO29070+	CO29071	4.35	2 1-	4ACSR	0	0	843	308	11	0	1	0.00	3.31	0
CO28896+	CO29070	4.45	1 1-	4ACSR	0	0	834	306	11	0	1	0.00	3.31	0
CO28676+	CO29071	4.32	132 3-	1/0ACSR	943	915	847	310	550	12	6	0.01	3.32	8

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29069+	CO28676	4.36	5 1-	4ACSR	0	0	844	309	5	0	0	0.00	3.32	0
CO28897+	CO29069	4.47	3 1-	4ACSR	0	0	833	307	4	0	0	0.00	3.32	0
CO28677+	CO28676	4.50	127 3-	1/0ACSR	932	903	834	308	545	12	5	0.02	3.34	16
CO28803+	CO28677	4.59	123 3-	1/0ACSR	927	897	828	307	536	12	5	0.01	3.35	8
CO28804+	CO28803	4.64	122 3-	1/0ACSR	924	893	824	306	532	12	5	0.01	3.35	5
CO28717+	CO28804	4.72	1 1-	4ACSR	0	0	817	305	3	0	0	0.00	3.35	0
CO28939+	CO28804	4.77	121 3-	1/0ACSR	916	885	815	305	529	12	5	0.01	3.37	11
CO28940+	CO28939	5.17	120 3-	1/0ACSR	893	860	787	301	526	12	5	0.04	3.41	35
CO28678+	CO28940	5.31	117 3-	1/0ACSR	885	851	778	300	509	11	5	0.01	3.42	11
CO28718+	CO28678	5.34	1 1-	4ACSR	0	0	776	300	10	0	0	0.00	3.42	0
CO28912+	CO28678	5.43	116 3-	1/0ACSR	878	844	770	299	499	11	5	0.01	3.44	9
CO28913+	CO28912	5.48	115 3-	1/0ACSR	876	841	767	298	496	11	5	0.00	3.44	4
CO28679+	CO28913	5.62	106 3-	1/0ACSR	868	833	759	297	479	11	5	0.01	3.46	10
CO29011+	CO28679	5.63	0 1-	4ACSR	0	0	758	297	0	0	0	0.00	3.46	0
CO28680+	CO28679	5.73	106 3-	1/0ACSR	862	827	752	296	479	11	5	0.01	3.47	8
CO28681+	CO28680	5.83	48 3-	1/0ACSR	857	821	746	295	217	5	2	0.00	3.47	0
CO28683+	CO28681	5.90	33 2-	4ACSR	0	815	741	294	173	6	4	0.01	3.48	2
CO29001+	CO28683	5.91	32 1-	4ACSR	0	0	740	294	173	12	9	0.00	3.48	0
OC896+	CO29001	5.91	32 1-	10 N FUSE	0	0	740	294	173	12	121	0.00	3.48	0
CO29002+	OC896	5.99	32 1-	4ACSR	0	0	733	293	173	12	9	0.02	3.50	7
CO28918+	CO29002	6.05	30 1-	4ACSR	0	0	729	292	170	11	8	0.02	3.52	4
CO28919+	CO28918	6.11	29 1-	4ACSR	0	0	724	291	167	11	8	0.02	3.53	4
CO28684+	CO28919	6.15	27 1-	4ACSR	0	0	721	290	163	11	8	0.01	3.54	3
CO28685+	CO28684	6.19	26 1-	4ACSR	0	0	718	289	157	10	8	0.01	3.55	2
CO28725+	CO28685	6.28	1 1-	4ACSR	0	0	711	288	5	0	0	0.00	3.55	0
CO28686+	CO28685	6.28	24 1-	4ACSR	0	0	711	288	149	10	7	0.02	3.57	5
CO961877951+	CO28686	6.34	1 1-	2ACSR	0	0	707	287	8	0	0	0.00	3.58	0
CO28805+	CO28686	6.35	14 1-	4ACSR	0	0	706	287	90	6	4	0.01	3.58	0
CO29044+	CO28805	6.39	13 1-	4ACSR	0	0	703	286	80	5	4	0.00	3.59	0
CO29045+	CO29044	6.43	12 1-	4ACSR	0	0	700	285	74	5	4	0.00	3.59	0
CO28722+	CO29045	6.50	1 1-	4ACSR	0	0	695	284	4	0	0	0.00	3.59	0
CO28721+	CO29045	6.48	0 1-	4ACSR	0	0	696	285	0	0	0	0.00	3.59	0
CO29042+	CO29045	6.53	9 1-	4ACSR	0	0	693	284	63	4	3	0.01	3.60	0
CO28777+	CO29042	6.59	1 1-	4ACSR	0	0	688	283	8	0	0	0.00	3.60	0
CO29043+	CO29042	6.61	7 1-	4ACSR	0	0	687	282	42	2	2	0.01	3.61	0
CO30470+	CO29043	6.67	4 1-	4ACSR	0	0	683	282	24	1	1	0.00	3.61	0
CO29155+	CO30470	6.72	3 1-	4ACSR	0	0	679	281	15	1	1	0.00	3.61	0
CO29156+	CO29155	6.78	1 1-	4ACSR	0	0	675	280	13	0	1	0.00	3.61	0
CO29157+	CO29156	6.83	1 1-	4ACSR	0	0	671	279	13	0	1	0.00	3.61	0
CO28726+	CO29043	6.68	2 1-	4ACSR	0	0	682	281	11	0	1	0.00	3.61	0
CO28775+	CO29044	6.43	1 1-	2ACSR	0	0	701	286	6	0	0	0.00	3.59	0
CO28916+	CO28686	6.35	7 1-	4ACSR	0	0	706	287	42	2	2	0.00	3.58	0
CO28767+	CO28916	6.36	2 1-	2ACSR	0	0	705	286	18	1	1	0.00	3.58	0
CO28917+	CO28916	6.36	1 1-	4ACSR	0	0	705	286	0	0	0	0.00	3.58	0
CO29024+	CO28686	6.39	2 1-	4ACSR	0	0	703	286	9	0	0	0.00	3.58	0
CO28723+	CO29024	6.40	1 1-	4ACSR	0	0	702	286	6	0	0	0.00	3.58	0
CO29025+	CO29024	6.43	0 1-	4ACSR	0	0	700	285	0	0	0	0.00	3.58	0
CO28724+	CO28684	6.18	1 1-	4ACSR	0	0	719	289	6	0	0	0.00	3.54	0
CO28978+	CO28919	6.14	2 1-	4ACSR	0	0	722	290	4	0	0	0.00	3.53	0
CO28979+	CO28978	6.19	0 1-	4ACSR	0	0	718	289	0	0	0	0.00	3.53	0
CO28682+	CO28681	5.93	14 2-	4ACSR	0	813	738	294	41	1	1	0.00	3.47	0
CO29020+	CO28682	5.98	13 2-	4ACSR	0	809	734	293	39	1	1	0.00	3.48	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29021+	CO29020	6.00	12 2-	4ACSR	0	807	732	292	39	1	1	0.00	3.48	0
CO28770+	CO29021	6.10	4 1-	4ACSR	0	0	725	291	9	0	0	0.00	3.48	0
CO28869+	CO29021	6.10	6 1-	4ACSR	0	0	725	291	25	1	1	0.00	3.48	0
CO28870+	CO28869	6.13	1 1-	4ACSR	0	0	723	290	14	0	1	0.00	3.48	0
CO28720+	CO28682	6.00	1 2-	4ACSR	0	807	732	292	2	0	0	0.00	3.47	0
CO28806+	CO28680	5.85	55 1-	4ACSR	0	0	743	294	258	18	13	0.05	3.52	20
CO28971+	CO28806	5.94	54 1-	4ACSR	0	0	736	293	256	17	13	0.04	3.56	15
CO28972+	CO28971	6.00	52 1-	4ACSR	0	0	731	292	248	17	12	0.02	3.58	9
CO28920+	CO28972	6.05	51 1-	4ACSR	0	0	727	291	235	16	12	0.02	3.60	7
CO29003+	CO28920	6.06	51 1-	4ACSR	0	0	726	291	235	16	12	0.00	3.60	0
XFMR112	CO29003	6.06	51 1-	333 KVA 1PH AUT	0	0	721	169	235	16	71	0.63	4.24	0
OC902	XFMR112	6.06	51 1-	50 H OCR	0	0	721	169	235	32	66	0.00	4.24	0
CO29004	OC902	6.15	51 1-	4ACSR	0	0	710	168	235	32	23	0.13	4.37	51
CO-2052583408	CO29004	6.18	1 1-	2ACSR	0	0	706	168	10	1	1	0.00	4.37	0
CO28921	CO29004	6.22	50 1-	4ACSR	0	0	700	167	224	31	22	0.11	4.47	39
CO30468	CO28921	6.62	50 1-	4ACSR	0	0	650	163	224	31	22	0.58	5.05	214
CO29131	CO30468	6.70	1 1-	4ACSR	0	0	641	162	3	0	0	0.00	5.05	0
CO29126	CO30468	6.81	49 1-	4ACSR	0	0	628	161	220	30	22	0.27	5.32	97
CO29138	CO29126	6.95	48 1-	4ACSR	0	0	613	160	216	30	22	0.18	5.50	66
CO29139	CO29138	7.05	47 1-	4ACSR	0	0	601	159	214	30	22	0.14	5.65	51
CO29140	CO29139	7.09	47 1-	4ACSR	0	0	597	158	214	30	22	0.05	5.70	18
CO29174	CO29140	7.14	13 1-	4ACSR	0	0	591	158	34	4	3	0.01	5.71	0
CO29175	CO29174	7.28	13 1-	4ACSR	0	0	577	157	34	4	3	0.03	5.74	0
CO29141	CO29175	7.33	12 1-	4ACSR	0	0	571	156	33	4	3	0.01	5.75	0
CO29173	CO29141	7.38	11 1-	4ACSR	0	0	567	156	33	4	3	0.01	5.76	0
CO29178	CO29173	7.41	10 1-	4ACSR	0	0	563	155	29	4	3	0.01	5.77	0
CO29136	CO29178	7.43	2 1-	4ACSR	0	0	561	155	2	0	0	0.00	5.77	0
CO29179	CO29178	7.59	8 1-	4ACSR	0	0	545	154	27	3	3	0.03	5.80	0
CO29168	CO29179	7.72	8 1-	4ACSR	0	0	534	153	27	3	3	0.02	5.82	0
CO29169	CO29168	7.84	5 1-	4ACSR	0	0	522	151	20	2	2	0.02	5.84	0
CO29142	CO29169	7.95	5 1-	4ACSR	0	0	512	150	20	2	2	0.01	5.85	0
CO29166	CO29142	8.04	5 1-	4ACSR	0	0	505	150	20	2	2	0.01	5.86	0
CO29167	CO29166	8.10	3 1-	4ACSR	0	0	500	149	7	0	1	0.00	5.86	0
CO29165	CO29167	8.16	1 1-	4ACSR	0	0	495	149	0	0	0	0.00	5.86	0
CO29143	CO29165	8.26	1 1-	4ACSR	0	0	487	148	0	0	0	0.00	5.86	0
CO29144	CO29143	8.33	1 1-	4ACSR	0	0	481	147	0	0	0	0.00	5.86	0
CO29127	CO29140	7.28	33 1-	4ACSR	0	0	577	157	169	23	17	0.21	5.91	58
CO29158	CO29127	7.41	1 1-	4ACSR	0	0	563	155	0	0	0	0.00	5.91	0
CO29159	CO29158	7.48	1 1-	4ACSR	0	0	556	155	0	0	0	0.00	5.91	0
CO29160	CO29159	7.51	1 1-	4ACSR	0	0	554	154	0	0	0	0.00	5.91	0
CO29128	CO29127	7.58	32 1-	4ACSR	0	0	547	154	169	23	17	0.33	6.24	93
CO29151	CO29128	7.70	27 1-	4ACSR	0	0	536	153	134	19	14	0.10	6.34	22
CO29176	CO29151	7.72	27 1-	4ACSR	0	0	533	153	134	19	14	0.02	6.36	5
CO29177	CO29176	7.86	25 1-	4ACSR	0	0	521	151	123	17	12	0.10	6.47	22
CO29172	CO29177	7.90	24 1-	4ACSR	0	0	517	151	122	17	12	0.04	6.50	8
CO29152	CO29172	7.92	24 1-	4ACSR	0	0	515	151	122	17	12	0.01	6.52	3
CO29130	CO29152	8.05	20 1-	4ACSR	0	0	504	150	100	14	10	0.09	6.60	14
CO30469	CO29130	8.26	16 1-	4ACSR	0	0	486	148	75	10	8	0.10	6.71	13
CO28807	CO30469	8.30	16 1-	4ACSR	0	0	483	147	74	10	8	0.02	6.73	2
CO28688	CO28807	8.43	4 1-	4ACSR	0	0	474	146	24	3	2	0.02	6.74	0
CO29064	CO28688	8.57	0 1-	4ACSR	0	0	463	145	0	0	0	0.00	6.74	0
CO30471	CO29064	8.67	0 1-	4ACSR	0	0	455	144	0	0	0	0.00	6.74	0

Substation Power Factor: 0.98
 Run Date:

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29063	CO28688	8.47	1 1-	4ACSR	0	0	470	146	2	0	0	0.00	6.74	0
CO28728	CO28688	8.48	2 1-	4ACSR	0	0	469	146	22	3	2	0.00	6.75	0
CO28687	CO28807	8.41	12 1-	4ACSR	0	0	475	147	50	7	5	0.04	6.76	3
CO28808	CO28687	8.42	10 1-	4ACSR	0	0	474	146	45	6	5	0.00	6.76	0
CO29067	CO28808	8.63	10 1-	4ACSR	0	0	458	145	45	6	5	0.06	6.82	5
CO29066	CO29067	8.81	1 1-	4ACSR	0	0	446	143	6	0	1	0.01	6.83	0
CO28871	CO29066	8.82	1 1-	4ACSR	0	0	445	143	6	0	1	0.00	6.83	0
CO28759	CO29067	8.72	1 1-	4ACSR	0	0	452	144	6	0	1	0.00	6.83	0
CO28758	CO29067	8.79	0 1-	4ACSR	0	0	447	144	0	0	0	0.00	6.82	0
CO28833	CO29067	8.71	8 1-	4ACSR	0	0	452	144	33	4	3	0.02	6.84	0
CO28975	CO28833	8.92	8 1-	4ACSR	0	0	438	143	33	4	3	0.04	6.89	2
CO28976	CO28975	8.98	8 1-	4ACSR	0	0	434	142	33	4	3	0.01	6.90	0
CO28706	CO28976	9.14	7 1-	4ACSR	0	0	424	141	31	4	3	0.03	6.93	0
CO28836	CO28706	9.17	7 1-	4ACSR	0	0	422	141	31	4	3	0.01	6.94	0
CO28837	CO28836	9.29	7 1-	4ACSR	0	0	414	140	31	4	3	0.02	6.96	0
CO28900	CO28837	9.48	0 1-	4ACSR	0	0	403	138	0	0	0	0.00	6.96	0
CO28901	CO28900	9.53	0 1-	4ACSR	0	0	400	138	0	0	0	0.00	6.96	0
CO28902	CO28901	9.63	0 1-	4ACSR	0	0	394	137	0	0	0	0.00	6.96	0
CO28838	CO28837	9.50	7 1-	4ACSR	0	0	402	138	31	4	3	0.04	7.00	2
CO28839	CO28838	9.59	7 1-	4ACSR	0	0	397	137	31	4	3	0.02	7.02	0
CO28903	CO28839	9.78	2 1-	4ACSR	0	0	386	136	13	1	1	0.01	7.03	0
CO28904	CO28903	9.84	1 1-	4ACSR	0	0	383	136	8	1	1	0.00	7.04	0
CO28761	CO28839	9.91	2 1-	4ACSR	0	0	379	135	11	1	1	0.01	7.03	0
CO28760	CO28706	9.20	0 1-	4ACSR	0	0	420	140	0	0	0	0.00	6.93	0
CO28834	CO28976	9.32	1 1-	4ACSR	0	0	412	139	2	0	0	0.00	6.90	0
CO28835	CO28834	9.44	1 1-	4ACSR	0	0	405	139	2	0	0	0.00	6.90	0
CO28898	CO28976	9.10	0 1-	4ACSR	0	0	426	141	0	0	0	0.00	6.90	0
CO28899	CO28898	9.21	0 1-	4ACSR	0	0	419	140	0	0	0	0.00	6.90	0
CO29065	CO28687	8.57	2 1-	4ACSR	0	0	463	145	6	0	1	0.00	6.76	0
CO29161	CO29130	8.21	4 1-	4ACSR	0	0	491	148	26	3	3	0.01	6.62	0
CO29162	CO29161	8.27	2 1-	4ACSR	0	0	486	148	4	0	0	0.00	6.62	0
CO29135	CO29152	8.10	2 1-	4ACSR	0	0	500	149	2	0	0	0.00	6.52	0
CO29170	CO29152	8.03	2 1-	4ACSR	0	0	506	150	20	2	2	0.01	6.53	0
CO29171	CO29170	8.06	1 1-	4ACSR	0	0	503	150	8	1	1	0.00	6.53	0
CO29163	CO29176	7.81	1 1-	2ACSR	0	0	527	152	9	1	1	0.00	6.36	0
CO29164	CO29163	7.89	1 1-	2ACSR	0	0	520	151	9	1	1	0.00	6.37	0
CO29137	CO29176	7.77	1 1-	2ACSR	0	0	529	152	2	0	0	0.00	6.36	0
CO29129	CO29128	7.74	5 1-	4ACSR	0	0	531	152	34	4	3	0.03	6.27	0
CO29134	CO29129	7.87	3 1-	4ACSR	0	0	520	151	10	1	1	0.00	6.27	0
CO29145	CO29129	7.80	1 1-	6HDCU	0	0	526	152	16	2	2	0.01	6.27	0
CO29146	CO29145	7.94	1 1-	6HDCU	0	0	514	151	16	2	2	0.01	6.29	0
CO29147	CO29146	7.98	1 1-	6HDCU	0	0	511	150	16	2	2	0.00	6.29	0
CO29148	CO29147	8.05	1 1-	6HDCU	0	0	505	150	16	2	2	0.00	6.30	0
CO29149	CO29148	8.14	0 1-	6HDCU	0	0	497	149	0	0	0	0.00	6.30	0
CO29150	CO29149	8.22	0 1-	6HDCU	0	0	491	148	0	0	0	0.00	6.30	0
CO29133	CO29127	7.44	0 1-	4ACSR	0	0	561	155	0	0	0	0.00	5.91	0
CO29132	CO29126	6.87	1 1-	4ACSR	0	0	621	161	3	0	0	0.00	5.32	0
CO29010+	CO28920	6.10	0 1-	4ACSR	0	0	723	290	0	0	0	0.00	3.60	0
CO29009+	CO29010	6.10	0 1-	4ACSR	0	0	723	290	0	0	0	0.00	3.60	0
CO28727+	CO28920	6.09	0 1-	4ACSR	0	0	724	290	0	0	0	0.00	3.60	0
CO29022+	CO28680	5.75	3 1-	4/0ACSR	0	0	751	296	4	0	0	0.00	3.46	0
CO29023+	CO29022	5.80	1 1-	4/0ACSR	0	0	749	296	2	0	0	0.00	3.46	0

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Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29014+	CO28913	5.52	7 1-	4ACSR	0	0	765	298	14	0	1	0.00	3.44	0
CO28719+	CO29014	5.57	2 1-	4ACSR	0	0	760	297	4	0	0	0.00	3.44	0
CO29015+	CO29014	5.58	5 1-	4ACSR	0	0	760	297	10	0	1	0.00	3.44	0
CO28868+	CO29015	5.62	1 1-	4ACSR	0	0	756	296	2	0	0	0.00	3.44	0
CO29030+	CO28913	5.60	2 1-	4ACSR	0	0	758	297	4	0	0	0.00	3.44	0
CO28866+	CO28940	5.23	3 1-	4ACSR	0	0	783	300	17	1	1	0.00	3.41	0
CO28867+	CO28866	5.28	1 1-	4ACSR	0	0	778	299	3	0	0	0.00	3.41	0
CO29068+	CO28677	4.73	3 1-	4ACSR	0	0	813	304	6	0	0	0.00	3.34	0
CO28757+	CO29068	4.79	2 1-	4ACSR	0	0	807	302	5	0	0	0.00	3.34	0
CO28756+	CO29068	4.92	1 1-	4ACSR	0	0	796	300	1	0	0	0.00	3.34	0
CO28755+	CO30500	4.04	1 1-	4ACSR	0	0	867	311	3	0	0	0.00	3.27	0
CO28593+	CO28322	3.75	233 3-	1/0CU	979	955	892	315	1019	23	8	0.00	3.25	0
OC883+	CO28593	3.75	233 3-	100 E OCR	979	955	892	315	1019	23	24	0.00	3.25	0
CO28594+	OC883	3.80	233 3-	1/0CU	977	952	889	315	1019	23	8	0.01	3.26	10
CO30502+	CO28594	4.02	233 3-	1/0CU	965	939	874	313	1019	23	8	0.03	3.29	44
CO28779+	CO30502	4.06	233 3-	1/0CU	963	936	871	313	1018	23	8	0.01	3.29	8
CO30423+	CO28779	4.43	0 1-	6ACWC	0	0	835	306	0	0	0	0.00	3.29	0
CO29046+	CO28779	4.08	0 1-	4ACSR	0	0	870	313	0	0	0	0.00	3.29	0
CO29047+	CO29046	4.12	0 1-	4ACSR	0	0	866	312	0	0	0	0.00	3.29	0
CO28707+	CO29046	4.09	0 1-	4ACSR	0	0	868	312	0	0	0	0.00	3.29	0
CO28666+	CO28779	4.37	233 3-	1/0CU	947	919	851	311	1018	23	8	0.04	3.33	61
CO28842+	CO28666	4.56	9 1-	4ACSR	0	0	833	307	49	3	2	0.01	3.35	0
CO28937+	CO28842	4.59	9 1-	4ACSR	0	0	830	307	49	3	2	0.00	3.35	0
CO28938+	CO28937	4.73	4 1-	4ACSR	0	0	817	304	25	1	1	0.00	3.35	0
CO28729+	CO28938	4.75	1 1-	4/0ACSR	0	0	816	304	7	0	0	0.00	3.35	0
CO28667+	CO28666	4.44	224 3-	1/0CU	943	915	846	310	969	22	7	0.01	3.34	14
CO28668+	CO28667	4.62	218 3-	1/0CU	934	905	835	309	952	22	7	0.02	3.37	31
CO28990+	CO28668	4.63	2 1-	4ACSR	0	0	835	309	3	0	0	0.00	3.37	0
OC893+	CO28990	4.63	2 1-	10 N FUSE	0	0	835	309	3	0	2	0.00	3.37	0
CO28991+	OC893	4.81	2 1-	4ACSR	0	0	818	305	3	0	0	0.00	3.37	0
CO28709+	CO28991	5.04	0 1-	4ACSR	0	0	798	301	0	0	0	0.00	3.37	0
CO28708+	CO28991	4.96	2 1-	4ACSR	0	0	804	303	3	0	0	0.00	3.37	0
CO28780+	CO28668	4.76	215 3-	1/0CU	927	897	827	308	938	21	7	0.02	3.38	24
CO28781+	CO28780	4.95	215 3-	1/0CU	918	887	816	307	938	21	7	0.02	3.41	32
CO28782+	CO28781	5.08	215 3-	1/0CU	911	880	808	306	938	21	7	0.02	3.42	22
CO30424+	CO28782	5.14	214 3-	1/0CU	909	877	805	305	938	21	7	0.01	3.43	9
CO28291+	CO30424	5.18	212 3-	1/0CU	907	875	803	305	923	21	7	0.00	3.44	7
CO28330+	CO28291	5.24	1 3-	6ACSR	902	869	797	304	16	0	0	0.00	3.44	0
CO28292+	CO28291	5.43	210 3-	1/0CU	895	863	789	303	892	20	7	0.03	3.46	38
CO28396+	CO28292	5.56	207 3-	1/0CU	889	856	782	302	865	20	6	0.02	3.48	19
CO28397+	CO28396	6.05	207 3-	1/0CU	867	832	756	299	865	20	6	0.06	3.54	71
CO28293+	CO28397	6.20	16 1-	4ACSR	0	0	744	296	97	6	5	0.02	3.56	4
CO28581+	CO28293	6.21	14 1-	4ACSR	0	0	744	296	91	6	5	0.00	3.56	0
OC873+	CO28581	6.21	14 1-	25 E OCR	0	0	744	296	91	6	25	0.00	3.56	0
CO28582+	OC873	6.29	14 1-	4ACSR	0	0	737	295	91	6	5	0.01	3.57	0
CO28294+	CO28582	6.47	14 1-	4ACSR	0	0	723	292	91	6	5	0.03	3.60	4
CO28390+	CO28294	6.50	2 1-	4ACSR	0	0	721	291	12	0	1	0.00	3.60	0
CO28391+	CO28390	6.60	1 1-	4ACSR	0	0	713	290	0	0	0	0.00	3.60	0
CO28392+	CO28391	6.68	0 1-	4ACSR	0	0	708	288	0	0	0	0.00	3.60	0
CO28388+	CO28294	6.58	12 1-	4ACSR	0	0	715	290	79	5	4	0.01	3.61	0
CO28389+	CO28388	6.66	11 1-	4ACSR	0	0	709	289	71	4	4	0.01	3.62	0
CO28387+	CO28389	6.80	10 1-	4ACSR	0	0	699	286	64	4	3	0.01	3.63	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28385+	CO28387	6.84	8 1-	4ACSR	0	0	696	286	44	3	2	0.00	3.63	0
CO28386+	CO28385	6.87	7 1-	4ACSR	0	0	694	285	37	2	2	0.00	3.63	0
CO28335+	CO28386	6.95	1 1-	4ACSR	0	0	688	284	0	0	0	0.00	3.63	0
CO28383+	CO28386	7.10	6 1-	4ACSR	0	0	678	282	36	2	2	0.01	3.65	0
CO28384+	CO28383	7.16	4 1-	4ACSR	0	0	673	281	33	2	2	0.00	3.65	0
CO28382+	CO28384	7.28	3 1-	4ACSR	0	0	665	279	20	1	1	0.00	3.65	0
CO28381+	CO28382	7.36	3 1-	4ACSR	0	0	659	277	20	1	1	0.00	3.66	0
CO28369+	CO28381	7.41	1 1-	2ACSR	0	0	657	277	4	0	0	0.00	3.66	0
CO28379+	CO28381	7.44	2 1-	4ACSR	0	0	654	276	16	1	1	0.00	3.66	0
CO28334+	CO28379	7.51	1 1-	4ACSR	0	0	650	275	8	0	0	0.00	3.66	0
CO28380+	CO28379	7.53	1 1-	4ACSR	0	0	648	275	9	0	0	0.00	3.66	0
CO28378+	CO28380	7.61	1 1-	4ACSR	0	0	643	274	9	0	0	0.00	3.66	0
CO28296+	CO28582	6.58	0 1-	4ACSR	0	0	715	290	0	0	0	0.00	3.57	0
CO28337+	CO28296	6.62	0 1-	4ACSR	0	0	712	289	0	0	0	0.00	3.57	0
CO28336+	CO28296	6.80	0 1-	4ACSR	0	0	698	286	0	0	0	0.00	3.57	0
CO28393+	CO28293	6.31	2 1-	4ACSR	0	0	735	294	6	0	0	0.00	3.56	0
CO28394+	CO28393	6.42	1 1-	4ACSR	0	0	727	293	0	0	0	0.00	3.56	0
CO28395+	CO28394	6.51	1 1-	4ACSR	0	0	720	291	0	0	0	0.00	3.56	0
CO28579+	CO28397	6.06	190 3-	1/0ACSR	867	832	755	299	767	17	8	0.00	3.54	0
OC875+	CO28579	6.06	190 3-	50 E OCR	867	832	755	299	767	17	36	0.00	3.54	0
CO28580+	OC875	6.20	190 3-	1/0ACSR	859	824	746	298	767	17	8	0.02	3.56	26
CO28402+	CO28580	6.25	189 3-	1/0ACSR	856	821	743	297	763	17	8	0.01	3.57	9
CO28403+	CO28402	6.39	189 3-	1/0ACSR	849	813	735	296	763	17	8	0.02	3.59	24
CO28407+	CO28403	6.46	4 1-	4ACSR	0	0	729	294	34	2	2	0.00	3.59	0
CO28409+	CO28407	6.54	4 1-	4ACSR	0	0	723	293	34	2	2	0.00	3.59	0
CO28410+	CO28409	6.60	3 1-	4ACSR	0	0	719	292	24	1	1	0.00	3.60	0
CO28411+	CO28410	6.63	1 1-	4ACSR	0	0	717	292	10	0	0	0.00	3.60	0
CO28408+	CO28407	6.54	0 1-	4ACSR	0	0	723	293	0	0	0	0.00	3.59	0
CO28404+	CO28403	6.42	183 3-	1/0ACSR	848	811	733	295	727	16	7	0.01	3.59	6
CO28405+	CO28404	6.46	182 3-	1/0ACSR	846	809	731	295	717	16	7	0.01	3.60	6
CO28406+	CO28405	6.56	181 3-	1/0ACSR	841	804	725	294	711	16	7	0.01	3.61	15
CO28669+	CO28406	6.69	181 3-	1/0ACSR	834	797	718	293	711	16	7	0.02	3.63	21
CO29061+	CO28669	6.74	180 3-	1/0ACSR	831	794	715	293	701	16	7	0.01	3.64	8
CO29062+	CO29061	6.78	180 3-	1/0ACSR	829	792	712	292	701	16	7	0.01	3.65	6
CO28969+	CO29062	6.80	179 3-	1/0ACSR	828	791	711	292	699	16	7	0.00	3.65	3
CO28970+	CO28969	6.87	178 3-	1/0ACSR	825	787	708	291	692	16	7	0.01	3.66	9
CO28783+	CO28970	6.92	176 3-	1/0ACSR	823	785	705	291	684	15	7	0.01	3.66	7
CO1539839234+	CO28783	7.02	176 3-	2ACSR	817	779	699	290	684	15	9	0.02	3.68	23
CO421171537+	CO1539839234	7.07	175 3-	2ACSR	814	775	695	289	677	15	9	0.01	3.70	12
CO28847+	CO421171537	7.10	2 1-	4ACSR	0	0	694	289	11	0	1	0.00	3.69	0
CO28848+	CO28847	7.18	2 1-	4ACSR	0	0	688	287	11	0	1	0.00	3.69	0
CO28785+	CO421171537	7.11	173 3-	1/0ACSR	812	774	694	289	666	15	7	0.00	3.70	5
CO28982+	CO28785	7.23	173 3-	1/0ACSR	806	767	687	288	666	15	7	0.02	3.72	17
CO28983+	CO28982	7.27	172 3-	1/0ACSR	805	766	685	287	648	15	7	0.00	3.72	4
CO30464+	CO28983	7.37	170 3-	1/0ACSR	800	760	680	286	648	15	7	0.01	3.73	14
CO29102+	CO30464	7.42	170 3-	1/0ACSR	798	758	678	286	648	15	7	0.01	3.74	6
CO29120+	CO29102	7.57	168 3-	1/0ACSR	790	750	670	285	632	14	6	0.02	3.76	19
CO29121+	CO29120	7.62	166 3-	1/0ACSR	788	748	668	284	619	14	6	0.01	3.77	6
CO30576+	CO29121	7.73	165 3-	1/0ACSR	783	743	662	283	619	14	6	0.01	3.78	13
CO28786+	CO30576	7.76	165 3-	1/0ACSR	782	741	661	283	619	14	6	0.00	3.78	4
CO28670+	CO28786	7.84	14 1-	4ACSR	0	0	656	282	75	5	4	0.01	3.79	0
CO28986+	CO28670	7.87	8 1-	4ACSR	0	0	654	281	32	2	2	0.00	3.79	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28987+	CO28986	7.92	6 1-	4ACSR	0	0	651	281	11	0	1	0.00	3.79	0
CO28789+	CO28670	7.88	5 1-	4ACSR	0	0	653	281	40	2	2	0.00	3.79	0
CO28790+	CO28789	7.90	5 1-	4ACSR	0	0	652	281	40	2	2	0.00	3.79	0
CO28791+	CO28790	7.98	5 1-	4ACSR	0	0	647	280	40	2	2	0.00	3.80	0
CO28980+	CO28791	8.01	3 1-	4ACSR	0	0	645	279	32	2	2	0.00	3.80	0
CO28981+	CO28980	8.10	1 1-	4ACSR	0	0	640	278	1	0	0	0.00	3.80	0
CO28712+	CO28980	8.06	1 1-	4ACSR	0	0	642	279	18	1	1	0.00	3.80	0
CO28849+	CO28791	8.06	2 1-	4ACSR	0	0	642	278	9	0	0	0.00	3.80	0
CO28850+	CO28849	8.12	2 1-	4ACSR	0	0	639	278	9	0	0	0.00	3.80	0
CO28787+	CO28786	7.81	151 3-	1/0ACSR	780	739	658	283	544	12	6	0.01	3.79	5
CO28788+	CO28787	7.86	151 3-	1/0ACSR	777	737	656	282	544	12	6	0.01	3.80	4
CO28992+	CO28788	7.87	77 1-	4ACSR	0	0	656	282	288	20	14	0.00	3.80	0
OC894+	CO28992	7.87	77 1-	10 N FUSE	0	0	656	282	288	20	201	0.00	3.80	0
CO28993+	OC894	7.92	77 1-	4ACSR	0	0	652	281	288	20	14	0.03	3.82	12
CO30465+	CO28993	7.98	76 1-	4ACSR	0	0	649	280	283	19	14	0.02	3.85	11
CO29103+	CO30465	8.00	73 1-	4ACSR	0	0	647	280	270	18	13	0.01	3.85	4
CO29104+	CO29103	8.04	73 1-	4ACSR	0	0	645	279	270	18	13	0.02	3.87	8
CO29078+	CO29104	8.06	71 1-	4ACSR	0	0	644	279	249	17	12	0.01	3.88	3
CO29091+	CO29078	8.08	4 1-	4ACSR	0	0	642	279	4	0	0	0.00	3.88	0
CO29100+	CO29091	8.12	4 1-	4ACSR	0	0	640	278	4	0	0	0.00	3.88	0
CO29101+	CO29100	8.13	2 1-	4ACSR	0	0	640	278	3	0	0	0.00	3.88	0
CO29083+	CO29100	8.15	1 1-	4ACSR	0	0	638	278	1	0	0	0.00	3.88	0
CO29079+	CO29078	8.09	62 1-	4ACSR	0	0	642	279	231	16	12	0.01	3.89	4
CO29081+	CO29079	8.14	0 1-	4ACSR	0	0	639	278	0	0	0	0.00	3.89	0
SW907-B+	CO29081	8.14	0 1-	Open	0	0	639	278	0	0	0	0.00	3.89	0
CO29098+	CO29079	8.10	62 1-	4ACSR	0	0	641	279	231	16	12	0.00	3.89	0
CO29099+	CO29098	8.14	55 1-	4ACSR	0	0	639	278	221	15	11	0.01	3.91	5
CO29080+	CO29099	8.20	54 1-	4ACSR	0	0	635	277	218	15	11	0.02	3.93	8
CO29105+	CO29080	8.29	44 1-	4ACSR	0	0	629	276	189	13	9	0.03	3.96	8
CO29106+	CO29105	8.31	43 1-	4ACSR	0	0	628	275	184	12	9	0.01	3.96	0
CO29088+	CO29106	8.39	2 1-	4ACSR	0	0	624	274	9	0	0	0.00	3.96	0
CO29089+	CO29088	8.76	2 1-	4ACSR	0	0	602	269	9	0	0	0.00	3.97	0
CO29090+	CO29089	9.00	1 1-	4ACSR	0	0	589	265	2	0	0	0.00	3.97	0
CO29118+	CO29090	9.04	1 1-	4ACSR	0	0	586	265	2	0	0	0.00	3.97	0
CO29119+	CO29118	9.11	0 1-	4ACSR	0	0	583	264	0	0	0	0.00	3.97	0
CO29097+	CO29119	9.24	0 1-	4ACSR	0	0	576	262	0	0	0	0.00	3.97	0
CO29085+	CO29090	9.13	0 1-	4ACSR	0	0	582	264	0	0	0	0.00	3.97	0
CO29087+	CO29106	8.33	41 1-	4ACSR	0	0	627	275	174	12	9	0.01	3.97	0
CO29107+	CO29087	8.39	36 1-	4ACSR	0	0	624	274	168	11	8	0.01	3.98	4
CO29108+	CO29107	8.41	34 1-	4ACSR	0	0	623	274	154	10	8	0.00	3.99	0
CO29109+	CO29108	8.43	33 1-	4ACSR	0	0	621	274	151	10	8	0.01	3.99	0
CO29116+	CO29109	8.50	31 1-	4ACSR	0	0	617	273	135	9	7	0.01	4.00	3
CO29117+	CO29116	8.58	24 1-	4ACSR	0	0	612	271	100	6	5	0.01	4.02	0
CO29095+	CO29117	8.61	11 1-	4ACSR	0	0	611	271	42	2	2	0.00	4.02	0
CO29096+	CO29095	8.64	8 1-	4ACSR	0	0	609	271	28	1	1	0.00	4.02	0
CO29112+	CO29096	8.65	8 1-	4ACSR	0	0	608	270	28	1	1	0.00	4.02	0
CO29113+	CO29112	8.67	7 1-	4ACSR	0	0	607	270	24	1	1	0.00	4.02	0
CO29111+	CO29113	8.70	4 1-	4ACSR	0	0	606	270	12	0	1	0.00	4.02	0
CO29110+	CO29111	8.72	1 1-	4ACSR	0	0	604	269	5	0	0	0.00	4.02	0
CO29114+	CO29117	8.62	9 1-	4ACSR	0	0	610	271	40	2	2	0.00	4.02	0
CO29115+	CO29114	8.67	8 1-	4ACSR	0	0	607	270	34	2	2	0.00	4.02	0
CO-1121630725+	CO29115	8.69	1 1-	2ACSR	0	0	606	270	6	0	0	0.00	4.02	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29084+	CO29080	8.26	4 1-	4ACSR	0	0	632	276	11	0	1	0.00	3.93	0
CO29094+	CO29080	8.23	5 1-	4ACSR	0	0	633	277	18	1	1	0.00	3.93	0
CO29124+	CO29094	8.25	2 1-	4ACSR	0	0	632	276	5	0	0	0.00	3.93	0
CO29125+	CO29124	8.27	2 1-	4ACSR	0	0	631	276	5	0	0	0.00	3.93	0
CO29092+	CO29125	8.30	1 1-	4ACSR	0	0	629	276	4	0	0	0.00	3.93	0
CO29093+	CO29092	8.32	1 1-	4ACSR	0	0	628	275	4	0	0	0.00	3.93	0
CO29082+	CO29104	8.07	2 1-	4ACSR	0	0	643	279	21	1	1	0.00	3.87	0
CO28792+	CO28788	7.88	74 1-	4ACSR	0	0	655	282	256	17	13	0.01	3.81	3
CO28933+	CO28792	7.91	74 1-	4ACSR	0	0	653	282	256	17	13	0.01	3.82	5
CO28934+	CO28933	7.94	73 1-	4ACSR	0	0	651	281	254	17	13	0.01	3.83	4
CO28851+	CO28934	7.97	13 1-	4ACSR	0	0	649	280	21	1	1	0.00	3.83	0
CO28932+	CO28851	8.00	11 1-	4ACSR	0	0	648	280	13	0	1	0.00	3.83	0
CO29018+	CO28932	8.04	7 1-	4ACSR	0	0	645	279	10	0	0	0.00	3.83	0
CO28713+	CO29018	8.08	1 1-	4ACSR	0	0	642	279	1	0	0	0.00	3.83	0
CO29019+	CO29018	8.06	3 1-	4ACSR	0	0	644	279	5	0	0	0.00	3.83	0
CO28793+	CO28934	8.05	54 1-	4ACSR	0	0	644	279	207	14	10	0.04	3.87	13
CO28794+	CO28793	8.15	53 1-	4ACSR	0	0	638	278	205	14	10	0.03	3.90	10
CO29016+	CO28794	8.19	3 1-	4ACSR	0	0	636	277	27	1	1	0.00	3.90	0
CO28714+	CO29016	8.24	1 1-	4ACSR	0	0	632	276	9	0	0	0.00	3.90	0
CO29017+	CO29016	8.20	2 1-	4ACSR	0	0	635	277	18	1	1	0.00	3.90	0
CO28852+	CO29017	8.28	2 1-	4ACSR	0	0	630	276	18	1	1	0.00	3.90	0
CO28853+	CO28852	8.33	2 1-	4ACSR	0	0	627	275	18	1	1	0.00	3.90	0
CO28930+	CO28794	8.39	50 1-	4ACSR	0	0	624	274	179	12	9	0.07	3.97	20
CO28931+	CO28930	8.43	48 1-	4ACSR	0	0	621	274	175	12	9	0.01	3.98	3
CO28795+	CO28931	8.60	48 1-	4ACSR	0	0	611	271	175	12	9	0.05	4.03	14
CO28715+	CO28795	8.70	2 1-	4ACSR	0	0	606	270	0	0	0	0.00	4.03	0
CO29008+	CO28795	8.61	46 1-	4ACSR	0	0	611	271	175	12	9	0.00	4.03	0
OC903+	CO29008	8.61	46 1-	25 E OCR	0	0	611	271	175	12	49	0.00	4.03	0
CO28671+	OC903	8.64	37 1-	4ACSR	0	0	609	270	134	9	7	0.01	4.03	0
CO29005+	CO28671	8.69	37 1-	4ACSR	0	0	606	270	134	9	7	0.01	4.04	0
CO28798+	CO29005	8.72	4 1-	2ACSR	0	0	605	269	13	0	0	0.00	4.04	0
CO418936487+	CO28798	8.77	1 1-	2ACSR	0	0	603	269	1	0	0	0.00	4.04	0
CO28797+	CO29005	8.73	1 1-	2ACSR	0	0	604	269	2	0	0	0.00	4.04	0
CO29006+	CO29005	8.76	32 1-	4ACSR	0	0	602	269	119	8	6	0.01	4.06	3
CO29007+	CO29006	8.85	30 1-	4ACSR	0	0	597	267	115	8	6	0.02	4.07	3
CO28924+	CO29007	8.90	28 1-	4ACSR	0	0	594	267	102	7	5	0.01	4.08	0
CO28925+	CO28924	8.92	27 1-	4ACSR	0	0	593	266	99	6	5	0.00	4.09	0
CO28799+	CO28925	9.11	27 1-	4ACSR	0	0	583	264	99	6	5	0.03	4.12	5
CO28672+	CO28799	9.21	25 1-	4ACSR	0	0	578	262	97	6	5	0.01	4.13	2
CO28673+	CO28672	9.28	18 1-	4ACSR	0	0	573	261	80	5	4	0.01	4.14	0
CO28802+	CO28673	9.47	7 1-	4ACSR	0	0	564	259	24	1	1	0.01	4.15	0
CO28914+	CO28802	9.57	7 1-	4ACSR	0	0	559	258	24	1	1	0.00	4.15	0
CO28915+	CO28914	9.70	5 1-	4ACSR	0	0	552	256	20	1	1	0.00	4.15	0
CO28911+	CO28915	9.77	2 1-	4ACSR	0	0	548	255	3	0	0	0.00	4.15	0
CO29076+	CO28911	9.78	0 1-	4ACSR	0	0	548	255	0	0	0	0.00	4.15	0
CO28862+	CO28673	9.36	2 1-	4ACSR	0	0	569	260	15	1	1	0.00	4.14	0
CO28863+	CO28862	9.42	0 1-	4ACSR	0	0	566	260	0	0	0	0.00	4.14	0
CO28674+	CO28673	9.40	9 1-	4ACSR	0	0	567	260	40	2	2	0.01	4.15	0
CO28716+	CO28674	9.49	1 1-	4ACSR	0	0	562	259	9	0	0	0.00	4.15	0
CO28675+	CO28674	9.47	5 1-	4ACSR	0	0	563	259	17	1	1	0.00	4.15	0
CO28935+	CO28675	9.59	3 1-	4ACSR	0	0	557	257	16	1	1	0.00	4.15	0
CO28936+	CO28935	9.72	2 1-	4ACSR	0	0	551	256	16	1	1	0.00	4.15	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28800+	CO28936	9.83	2 1-	4ACSR	0	0	545	254	16	1	1	0.00	4.16	0
CO28801+	CO28800	9.92	1 1-	4ACSR	0	0	541	253	1	0	0	0.00	4.16	0
CO28864+	CO28675	9.61	2 1-	4ACSR	0	0	557	257	2	0	0	0.00	4.15	0
CO28865+	CO28864	9.68	1 1-	4ACSR	0	0	553	256	0	0	0	0.00	4.15	0
CO28860+	CO28672	9.29	5 1-	4ACSR	0	0	573	261	17	1	1	0.00	4.13	0
CO28861+	CO28860	9.36	2 1-	4ACSR	0	0	569	260	10	0	0	0.00	4.13	0
CO28922+	CO28799	9.21	2 1-	4ACSR	0	0	577	262	2	0	0	0.00	4.12	0
CO28923+	CO28922	9.24	1 1-	4ACSR	0	0	575	262	2	0	0	0.00	4.12	0
CO28908+	CO29007	8.92	2 1-	4ACSR	0	0	593	266	13	0	1	0.00	4.08	0
CO28909+	CO28908	8.96	1 1-	1/0PRIURD	0	0	592	436	6	0	0	0.00	4.08	0
CO28778+	CO29006	8.82	2 1-	4ACSR	0	0	598	268	4	0	0	0.00	4.06	0
CO28926+	OC903	8.69	9 1-	4ACSR	0	0	606	270	42	2	2	0.00	4.03	0
CO28927+	CO28926	8.72	7 1-	4ACSR	0	0	604	269	34	2	2	0.00	4.03	0
CO29026+	CO28927	8.74	7 1-	4ACSR	0	0	603	269	34	2	2	0.00	4.03	0
CO29027+	CO29026	8.77	6 1-	4ACSR	0	0	602	269	28	1	1	0.00	4.04	0
CO28928+	CO29027	8.82	6 1-	4ACSR	0	0	599	268	28	1	1	0.00	4.04	0
CO28771+	CO28928	8.87	1 1-	2/0ACSR	0	0	597	268	2	0	0	0.00	4.04	0
CO28929+	CO28928	8.93	4 1-	4ACSR	0	0	592	266	26	1	1	0.00	4.04	0
CO28796+	CO28929	9.05	3 1-	4ACSR	0	0	586	265	21	1	1	0.00	4.05	0
CO28858+	CO28796	9.14	2 1-	4ACSR	0	0	581	263	11	0	1	0.00	4.05	0
CO28859+	CO28858	9.20	2 1-	4ACSR	0	0	578	263	11	0	1	0.00	4.05	0
CO28854+	CO28796	9.16	1 1-	4ACSR	0	0	580	263	10	0	1	0.00	4.05	0
CO28855+	CO28854	9.26	1 1-	4ACSR	0	0	575	262	10	0	1	0.00	4.05	0
CO28856+	CO28855	9.31	1 1-	4ACSR	0	0	572	261	10	0	1	0.00	4.05	0
CO28857+	CO28856	9.33	1 1-	4ACSR	0	0	571	261	10	0	1	0.00	4.05	0
CO28994+	CO28786	7.77	0 1-	4ACSR	0	0	660	283	0	0	0	0.00	3.78	0
OC895+	CO28994	7.77	0 1-	10 N FUSE	0	0	660	283	0	0	0	0.00	3.78	0
CO30466+	OC895	7.85	0 1-	4ACSR	0	0	655	282	0	0	0	0.00	3.78	0
CO29122+	CO30466	7.96	0 1-	4ACSR	0	0	648	280	0	0	0	0.00	3.78	0
CO29123+	CO29122	7.97	0 1-	4ACSR	0	0	648	280	0	0	0	0.00	3.78	0
SW907-A+	CO29123	7.97	0 1-	Open	0	0	648	280	0	0	0	0.00	3.78	0
CO29086+	CO29102	7.46	1 1-	2ACSR	0	0	675	286	11	0	0	0.00	3.74	0
CO454401021+	CO1539839234	7.04	1 1-	2ACSR	0	0	698	289	7	0	0	0.00	3.68	0
CO-1085361809+	CO454401021	7.15	1 1-	2ACSR	0	0	691	288	7	0	0	0.00	3.68	0
CO1023354346+	CO-1085361809	7.42	1 1-	1/0PRIURD	0	0	678	491	7	0	0	0.00	3.68	0
CO-2005133090+	CO1023354346	7.48	1 1-	1/0PRIURD	0	0	675	490	7	0	0	0.00	3.68	0
CO1852216540+	CO-2005133090	7.56	0 1-	1/0PRIURD	0	0	672	488	0	0	0	0.00	3.68	0
CO29060+	CO29061	6.85	0 3-	2ACSR	825	787	708	291	0	0	0	0.00	3.64	0
CO28769+	CO28669	6.74	1 1-	2ACSR	0	0	715	292	10	0	0	0.00	3.63	0
CO28399+	CO28397	6.09	1 3-	1/0CU	865	831	754	299	0	0	0	0.00	3.54	0
CO28400+	CO28399	6.11	1 3-	1/0CU	864	830	753	299	0	0	0	0.00	3.54	0
CO28333+	CO28400	6.21	1 1-	4ACSR	0	0	745	297	0	0	0	0.00	3.53	0
CO28295+	CO28400	6.22	0 3-	1/0CU	860	824	747	298	0	0	0	0.00	3.54	0
CO28584+	CO28295	6.23	0 3-	1/0CU	859	824	747	298	0	0	0	0.00	3.54	0
#SW868-A+	CO28584	6.23	0 3-	Open	859	824	747	298	0	0	0	0.00	3.54	0
CO28332+	CO28292	5.61	3 1-	4ACSR	0	0	773	300	27	1	1	0.01	3.47	0
CO-119922057+	CO28332	5.69	1 1-	2ACSR	0	0	768	299	9	0	0	0.00	3.47	0
CO28365+	CO28332	5.67	1 1-	2ACSR	0	0	769	299	12	0	0	0.00	3.47	0
CO28398+	CO28291	5.21	1 3-	2ACSR	905	873	800	305	15	0	0	0.00	3.44	0
CO30430+	CO28398	5.27	1 3-	2ACSR	901	869	796	304	15	0	0	0.00	3.44	0
CO28840+	CO30430	5.30	1 3-	2ACSR	899	867	793	303	15	0	0	0.00	3.44	0
CO28841+	CO28840	5.48	1 3-	2ACSR	888	854	780	301	15	0	0	0.00	3.44	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28331+	CO30424	5.23	2 1-	4ACSR	0	0	797	304	15	1	1	0.00	3.43	0
CO28711+	CO28782	5.13	1 1-	4ACSR	0	0	804	305	0	0	0	0.00	3.42	0
CO28710+	CO28668	4.68	1 1-	4ACSR	0	0	830	308	11	0	1	0.00	3.36	0
CO28845+	CO28667	4.64	3 1-	4ACSR	0	0	828	307	4	0	0	0.00	3.34	0
CO28846+	CO28845	4.69	2 1-	4ACSR	0	0	823	306	3	0	0	0.00	3.34	0
CO30501+	CO28846	4.74	1 1-	2ACSR	0	0	819	305	2	0	0	0.00	3.34	0
CO28573+	CO30501	4.77	1 1-	2ACSR	0	0	817	305	2	0	0	0.00	3.34	0
CO28843+	CO28667	4.55	3 1-	4ACSR	0	0	837	308	13	0	1	0.00	3.34	0
CO277806545+	CO28843	4.61	1 1-	2ACSR	0	0	831	307	5	0	0	0.00	3.34	0
CO28844+	CO28843	4.61	1 1-	4ACSR	0	0	831	307	4	0	0	0.00	3.34	0
CO29028+	CO28704	3.16	6 1-	4ACSR	0	0	931	318	33	2	2	0.01	2.95	0
CO29050+	CO29028	3.27	3 1-	2ACSR	0	0	920	317	21	1	1	0.00	2.95	0
CO29051+	CO29050	3.32	1 1-	2ACSR	0	0	915	316	9	0	0	0.00	2.95	0
CO28776+	CO29050	3.30	2 1-	2ACSR	0	0	917	316	12	0	0	0.00	2.95	0
CO29029+	CO29028	3.23	2 1-	4ACSR	0	0	923	317	8	0	0	0.00	2.95	0
CO28762+	CO28704	3.09	1 1-	1/0CU	0	0	940	320	9	0	0	0.00	2.95	0
CO28754+	CO29054	2.92	3 1-	4ACSR	0	0	950	320	6	0	0	0.00	2.85	0
CO28753+	CO29073	2.75	0 1-	4ACSR	0	0	964	322	0	0	0	0.00	2.78	0
CO28752+	CO29073	2.79	1 1-	4ACSR	0	0	960	321	2	0	0	0.00	2.78	0
CO28893+	CO29073	2.76	0 1-	4ACSR	0	0	964	322	0	0	0	0.00	2.78	0
CO28894+	CO28893	2.86	0 1-	4ACSR	0	0	953	320	0	0	0	0.00	2.78	0
CO28895+	CO28894	2.91	0 1-	4ACSR	0	0	946	319	0	0	0	0.00	2.78	0
CO28905+	CO28691	1.63	9 1-	4ACSR	0	0	1064	331	15	1	1	0.00	2.21	0
CO28906+	CO28905	1.67	6 1-	4ACSR	0	0	1059	330	8	0	0	0.00	2.21	0
CO28907+	CO28906	1.82	3 1-	4ACSR	0	0	1039	327	5	0	0	0.00	2.21	0
CO28874+	CO28965	1.48	3 1-	4ACSR	0	0	1079	332	4	0	0	0.00	2.13	0
CO28963+	CO28874	1.50	2 1-	4ACSR	0	0	1076	331	3	0	0	0.00	2.13	0
CO28964+	CO28963	1.53	1 1-	4ACSR	0	0	1072	331	3	0	0	0.00	2.13	0
CO28363+	CO28312	1.16	2 1-	4/0ACSR	0	0	1113	335	6	0	0	0.00	1.96	0
CO28355+	CO30523	1.10	2 1-	4ACSR	0	0	1117	335	6	0	0	0.00	1.90	0
CO22490+	CO22065	0.94	21 1-	4ACSR	0	0	1136	337	123	8	6	0.00	1.84	0
OC658+	CO22490	0.94	21 1-	10 N FUSE	0	0	1136	337	123	8	84	0.00	1.84	0
CO22491+	OC658	0.97	21 1-	4ACSR	0	0	1132	336	123	8	6	0.01	1.85	0
CO22057+	CO22491	1.02	20 1-	4ACSR	0	0	1125	335	117	8	6	0.01	1.85	0
CO22051+	CO22057	1.07	16 1-	4ACSR	0	0	1117	334	100	6	5	0.01	1.86	0
CO21956+	CO22051	1.11	6 1-	4ACSR	0	0	1112	333	46	3	2	0.00	1.86	0
CO30522+	CO21956	1.22	1 1-	4ACSR	0	0	1095	331	0	0	0	0.00	1.86	0
CO28872+	CO30522	1.30	1 1-	4ACSR	0	0	1085	329	0	0	0	0.00	1.86	0
CO22063+	CO21956	1.21	5 1-	4ACSR	0	0	1097	331	46	3	2	0.01	1.87	0
CO22354+	CO22063	1.24	4 1-	4ACSR	0	0	1093	331	36	2	2	0.00	1.87	0
CO22355+	CO22354	1.25	4 1-	4ACSR	0	0	1091	330	36	2	2	0.00	1.87	0
CO22352+	CO22355	1.30	4 1-	4ACSR	0	0	1085	329	36	2	2	0.00	1.88	0
CO22353+	CO22352	1.33	4 1-	4ACSR	0	0	1080	329	36	2	2	0.00	1.88	0
CO22005+	CO22353	1.37	4 1-	4ACSR	0	0	1074	328	36	2	2	0.00	1.88	0
CO22052+	CO22051	1.10	10 1-	4ACSR	0	0	1113	334	54	3	3	0.00	1.86	0
CO22054+	CO22052	1.17	7 1-	4ACSR	0	0	1102	332	37	2	2	0.00	1.87	0
CO22055+	CO22054	1.21	7 1-	4ACSR	0	0	1096	331	37	2	2	0.00	1.87	0
CO22056+	CO22055	1.23	0 1-	4ACSR	0	0	1094	331	0	0	0	0.00	1.87	0
CO21992+	CO22052	1.12	1 1-	4ACSR	0	0	1111	333	5	0	0	0.00	1.86	0
CO22053+	CO22052	1.12	0 1-	4ACSR	0	0	1111	333	0	0	0	0.00	1.86	0
CO22519+	CO22061	0.57	0 3-	6HDCU	1181	1180	1176	340	0	0	0	0.00	1.61	0
CO21990+	CO21944	0.48	3 1-	4ACSR	0	0	1184	340	8	0	0	0.00	1.51	0

Title: FLEMING - MASON ENERGY COOPERATIVE - KENTUCKY 52 FLEMING - FLEMINGSBURG, KENTUCKY
 Case: 2008-2009 CONSTRUCTION WORK PLAN - EXISTING WINTER 2005-06 SYSTEM
 Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22109+	CO22361	0.30	2 1-	4ACSR	0	0	1206	342	4	0	0	0.00	1.41	0
CO22108+	CO22109	0.32	1 1-	4ACSR	0	0	1202	341	3	0	0	0.00	1.41	0
CO21989+	XFMR2	0.22	1 1-	4ACSR	0	0	1211	340	9	0	0	0.00	1.30	0
SUB	0 total losses:	\$96,896												

 Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0 Hilda 2			3		6836	7275	7401	180	8636					
CO452	Hilda 2	0.01	0 3-	750 MCM - 42 Wi	6791	7200	7318	180	0	0	0	0.00	0.00	0
Guardian 1	CO452	0.01	0 3-	VWVE	6791	7200	7318	180	0	0	0	0.00	0.00	0
CO510	Guardian 1	0.03	0 3-	556ACSR	6701	7052	7157	180	0	0	0	0.00	0.00	0
CO511	CO510	0.07	0 3-	556ACSR	6562	6832	6915	180	0	0	0	0.00	0.00	0
CO808	CO511	0.08	0 3-	556ACSR	6526	6776	6854	180	0	0	0	0.00	0.00	0
CO809	CO808	0.10	0 3-	556ACSR	6441	6648	6710	180	0	0	0	0.00	0.00	0
CO810	CO809	0.13	0 3-	556ACSR	6354	6520	6566	179	0	0	0	0.00	0.00	0
CO811	CO810	0.16	0 3-	556ACSR	6239	6354	6377	179	0	0	0	0.00	0.00	0
CO812	CO811	0.17	0 3-	556ACSR	6188	6283	6295	179	0	0	0	0.00	0.00	0
CO518	CO812	0.21	0 3-	556ACSR	6061	6108	6094	179	0	0	0	0.00	0.00	0
CO524	CO518	0.22	0 3-	556ACSR	6027	6062	6040	179	0	0	0	0.00	0.00	0
CO519	CO524	0.35	0 3-	556ACSR	5635	5557	5452	179	0	0	0	0.00	0.00	0
CO523	CO519	0.42	0 3-	556ACSR	5454	5336	5193	179	0	0	0	0.00	0.00	0
CO520	CO523	0.45	0 3-	556ACSR	5361	5226	5064	179	0	0	0	0.00	0.00	0
CO522	CO520	0.72	0 3-	556ACSR	4760	4564	4274	179	0	0	0	0.00	0.00	0
CO521	CO522	0.81	0 3-	556ACSR	4575	4366	4046	179	0	0	0	0.00	0.00	0
CO422	CO521	0.88	0 3-	1000 CU PRI URD	4580	4403	4003	468	0	0	0	0.00	0.00	0
CO451	Hilda 2	0.01	3 3-	750 MCM - 42 Wi	6796	7208	7327	180	8636	404	35	0.02	0.02	89
Guardian 2	CO451	0.01	3 3-	WVE	6796	7208	7327	180	8635	404	72	0.00	0.02	0
CO634	Guardian 2	0.02	3 3-	556ACSR	6742	7119	7231	180	8635	404	57	0.03	0.05	234
CO813	CO634	0.03	3 3-	556ACSR	6703	7055	7161	180	8634	404	57	0.02	0.08	175
CO814	CO813	0.05	3 3-	556ACSR	6637	6949	7045	180	8634	404	57	0.04	0.12	296
CO815	CO814	0.09	3 3-	556ACSR	6472	6694	6761	180	8632	404	57	0.11	0.23	769
CO816	CO815	0.10	3 3-	556ACSR	6454	6668	6732	180	8629	404	57	0.01	0.24	83
CO817	CO816	0.13	3 3-	556ACSR	6352	6516	6561	179	8628	404	57	0.07	0.31	499
CO818	CO817	0.16	3 3-	556ACSR	6252	6372	6398	179	8626	404	57	0.07	0.38	503
CO819	CO818	0.24	3 3-	556ACSR	5987	6008	5978	179	8624	404	57	0.20	0.57	1412
CO445	CO819	0.39	3 3-	556ACSR	5544	5445	5320	179	8617	404	57	0.37	0.94	2660
CO711	CO445	0.65	3 3-	556ACSR	4910	4726	4464	179	8605	404	57	0.63	1.57	4624
CO712	CO711	0.69	3 3-	556ACSR	4821	4629	4350	179	8583	404	57	0.10	1.67	749
CO512	CO712	0.75	2 3-	556ACSR	4692	4490	4189	179	8580	404	57	0.15	1.83	1134
CO432	CO512	0.77	1 1-	1/0ACSR	0	0	4141	179	0	0	0	0.00	1.83	0
CO423	CO512	0.81	1 3-	1000 CU PRI URD	4697	4523	4152	468	8574	404	58	0.02	1.85	387
400322153	CO423	0.81	1 3-	Consumer	4697	4523	4152	468	8573	404	0	0.00	1.85	0
SUB 0 total losses:		\$13,614												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0 SNOW HILL		1076			2660	2827	2812	354	5680					
OH201+	SNOW HILL	0.02	407 3-	336ACSR	2655	2818	2803	354	1870	41	8	0.00	0.00	5
OCD232+	OH201	0.02	407 3-	560 200WVE	2655	2818	2803	354	1870	41	7	0.00	0.00	0
OH202+	OCD232	0.06	407 3-	336ACSR	2639	2791	2775	353	1870	41	8	0.01	0.01	15
OH203+	OH202	0.09	407 3-	336ACSR	2629	2774	2757	353	1870	41	8	0.00	0.01	10
OH204+	OH203	0.10	407 3-	336ACSR	2626	2769	2753	353	1870	41	8	0.00	0.01	2
OH205+	OH204	0.11	407 3-	336ACSR	2624	2765	2748	353	1870	41	8	0.00	0.01	3
OH206+	OH205	0.12	407 3-	336ACSR	2619	2757	2740	353	1870	41	8	0.00	0.02	5
OH207+	OH206	0.21	407 3-	336ACSR	2590	2709	2690	353	1870	41	8	0.01	0.03	28
OH209+	OH207	0.35	407 3-	336ACSR	2548	2642	2619	352	1870	41	8	0.02	0.05	41
OH210+	OH209	0.36	407 3-	336ACSR	2545	2637	2614	352	1870	41	8	0.00	0.05	3
OH211+	OH210	0.42	407 3-	336ACSR	2525	2605	2580	352	1870	41	8	0.01	0.06	21
OH212+	OH211	0.54	407 3-	336ACSR	2489	2551	2521	351	1870	41	8	0.02	0.07	37
OH213+	OH212	0.66	407 3-	336ACSR	2454	2498	2464	351	1869	41	8	0.02	0.09	38
OH214+	OH213	0.78	407 3-	336ACSR	2421	2451	2411	350	1869	41	8	0.02	0.10	36
OH215+	OH214	0.90	407 3-	336ACSR	2388	2404	2359	349	1869	41	8	0.02	0.12	37
OH216+	OH215	0.98	407 3-	336ACSR	2366	2372	2324	349	1869	41	8	0.01	0.13	26
OH217+	OH216	1.09	407 3-	336ACSR	2337	2333	2279	349	1869	41	8	0.01	0.15	34
OH218+	OH217	1.19	407 3-	336ACSR	2311	2299	2241	348	1869	41	8	0.01	0.16	31
OH219+	OH218	1.30	407 3-	336ACSR	2283	2261	2198	348	1869	41	8	0.01	0.18	35
CO26425+	OH219	1.32	3 1-	4ACSR	0	0	2187	347	5	0	0	0.00	0.18	0
CO26502+	CO26425	1.79	2 1-	4ACSR	0	0	1920	337	4	0	0	0.00	0.18	0
CO26503+	CO26502	1.81	1 1-	4ACSR	0	0	1907	336	0	0	0	0.00	0.18	0
CO26560+	CO26503	2.14	1 1-	4ACSR	0	0	1742	330	0	0	0	0.00	0.18	0
CO26561+	CO26560	2.23	0 1-	4ACSR	0	0	1702	328	0	0	0	0.00	0.18	0
CO26562+	CO26561	2.23	0 1-	4ACSR	0	0	1700	328	0	0	0	0.00	0.18	0
CO26372+	CO26425	1.38	1 1-	4ACSR	0	0	2153	346	0	0	0	0.00	0.18	0
CO26426+	OH219	1.45	404 3-	336ACSR	2246	2213	2144	347	1864	41	8	0.02	0.20	47
CO26413+	CO26426	1.57	400 3-	336ACSR	2219	2179	2104	346	1850	41	8	0.02	0.21	35
CO26414+	CO26413	1.64	400 3-	336ACSR	2201	2157	2079	346	1850	41	8	0.01	0.22	23
CO26415+	CO26414	1.70	398 3-	336ACSR	2188	2140	2060	346	1850	41	8	0.01	0.23	17
CO26416+	CO26415	1.81	398 3-	336ACSR	2163	2110	2025	345	1850	41	8	0.01	0.24	33
CO26399+	CO26416	1.87	1 1-	2ACSR	0	0	1995	344	3	0	0	0.00	0.24	0
CO26417+	CO26416	1.87	397 3-	336ACSR	2149	2093	2005	345	1847	41	8	0.01	0.25	19
CO26402+	CO26417	1.99	1 1-	2ACSR	0	0	1955	343	7	0	0	0.00	0.25	0
CO26501+	CO26417	1.91	395 3-	336ACSR	2142	2084	1995	345	1839	41	8	0.00	0.26	10
CO26500+	CO26501	1.94	395 3-	336ACSR	2134	2075	1985	345	1839	41	8	0.00	0.26	10
CO26352+	CO26500	2.22	393 3-	336ACSR	2074	2003	1902	343	1829	41	8	0.04	0.30	85
CO26539+	CO26352	2.32	390 3-	336ACSR	2055	1981	1876	343	1825	40	8	0.01	0.31	28
CO26551+	CO26539	2.46	390 3-	336ACSR	2026	1947	1838	342	1825	40	8	0.02	0.33	43
OC811+	CO26551	2.46	389 3-	25 H OCR	2026	1947	1838	342	1820	40	163	0.00	0.33	0
CO26550+	OC811	2.47	389 3-	336ACSR	2024	1945	1836	342	1820	40	8	0.00	0.33	0
CO26419+	CO26550	2.49	389 3-	336ACSR	2019	1940	1829	342	1820	40	8	0.00	0.33	8
CO26420+	CO26419	2.53	388 3-	336ACSR	2012	1931	1819	342	1809	40	8	0.00	0.34	11
CO26396+	CO26420	2.64	1 1-	2ACSR	0	0	1781	340	1	0	0	0.00	0.34	0
CO26460+	CO26420	2.61	2 1-	4ACSR	0	0	1787	340	14	0	1	0.00	0.34	0
CO26459+	CO26460	2.67	2 1-	4ACSR	0	0	1763	339	14	0	1	0.00	0.34	0
CO1095957714+	CO26420	2.60	385 3-	336ACSR	1999	1915	1803	341	1794	40	8	0.01	0.35	19
CO-976224559+	CO1095957714	2.74	385 3-	336ACSR	1972	1886	1768	341	1794	40	8	0.02	0.36	41
CO26542+	CO-976224559	2.78	381 3-	336ACSR	1965	1878	1758	341	1762	39	8	0.00	0.37	11
CO26543+	CO26542	2.82	380 3-	336ACSR	1958	1872	1750	340	1752	39	8	0.00	0.37	10

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-835374848+	CO26543	2.85	379 3-	336ACSR	1951	1864	1741	340	1745	39	8	0.00	0.38	11
CO-1958371091+	CO-835374848	3.03	379 3-	336ACSR	1920	1831	1701	339	1745	39	8	0.02	0.40	47
CO16716+	CO-1958371091	3.12	358 3-	1/0ACSR	1897	1807	1675	338	1604	36	16	0.03	0.43	67
CO16796+	CO16716	3.22	357 3-	1/0ACSR	1871	1780	1645	337	1602	35	16	0.03	0.46	78
CO16797+	CO16796	3.29	357 3-	1/0ACSR	1853	1761	1623	337	1601	35	16	0.02	0.48	56
CO16900+	CO16797	3.32	3 1-	4ACSR	0	0	1614	336	9	0	0	0.00	0.48	0
CO16749+	CO16900	3.35	1 1-	4ACSR	0	0	1605	335	1	0	0	0.00	0.48	0
CO16901+	CO16900	3.39	2 1-	4ACSR	0	0	1590	334	8	0	0	0.00	0.48	0
CO16792+	CO16797	3.56	353 3-	1/0ACSR	1790	1695	1553	334	1583	35	15	0.08	0.56	192
CO16741+	CO16792	3.66	350 3-	1/0ACSR	1766	1671	1526	333	1573	35	15	0.03	0.59	75
CO16892+	CO16741	3.72	349 3-	1/0ACSR	1753	1658	1512	332	1572	35	15	0.02	0.61	40
CO30596+	CO16892	3.78	347 3-	1/0ACSR	1741	1645	1499	332	1554	34	15	0.02	0.63	40
CO26394+	CO30596	3.85	1 1-	4ACSR	0	0	1475	330	0	0	0	0.00	0.63	0
CO26538+	CO30596	3.91	346 3-	1/0ACSR	1712	1616	1467	330	1554	34	15	0.04	0.67	94
CO26537+	CO26538	4.02	346 3-	1/0ACSR	1688	1593	1441	329	1553	34	15	0.03	0.70	79
CO26439+	CO26537	4.12	346 3-	1/0ACSR	1668	1573	1420	328	1553	34	15	0.03	0.73	66
CO26393+	CO26439	4.18	2 1-	4ACSR	0	0	1402	327	9	0	0	0.00	0.73	0
CO26397+	CO26393	4.24	1 1-	2ACSR	0	0	1389	326	9	0	0	0.00	0.73	0
CO26536+	CO26439	4.14	342 3-	1/0ACSR	1665	1570	1416	328	1526	34	15	0.01	0.73	12
CO26535+	CO26536	4.21	342 3-	1/0ACSR	1649	1555	1400	327	1525	34	15	0.02	0.76	52
CO26482+	CO26535	4.27	4 1-	4ACSR	0	0	1384	326	18	1	1	0.00	0.76	0
CO30597+	CO26482	4.46	1 1-	4ACSR	0	0	1332	322	1	0	0	0.00	0.76	0
CO26367+	CO26535	4.25	337 3-	1/0ACSR	1643	1548	1393	327	1502	33	15	0.01	0.77	22
CO26392+	CO26367	4.36	1 1-	4ACSR	0	0	1361	325	5	0	0	0.00	0.77	0
CO26366+	CO26367	4.28	336 3-	1/0ACSR	1635	1541	1385	326	1497	33	15	0.01	0.78	25
CO26391+	CO26366	4.33	2 1-	4ACSR	0	0	1372	325	12	0	1	0.00	0.78	0
CO26365+	CO26366	4.34	334 3-	1/0ACSR	1624	1530	1373	326	1485	33	15	0.02	0.79	36
CO26548+	CO26365	4.35	5 1-	6ACWC	0	0	1371	326	26	1	1	0.00	0.79	0
OC813+	CO26548	4.35	5 1-	10 N FUSE	0	0	1371	326	26	1	18	0.00	0.79	0
CO26549+	OC813	4.45	5 1-	6ACWC	0	0	1345	324	26	1	1	0.00	0.80	0
CO26533+	CO26549	4.70	4 1-	6ACWC	0	0	1279	319	20	1	1	0.01	0.80	0
CO26544+	CO26533	4.84	2 1-	6ACWC	0	0	1243	316	11	0	1	0.00	0.80	0
CO26401+	CO26544	4.97	1 1-	2ACSR	0	0	1219	314	3	0	0	0.00	0.80	0
CO26545+	CO26544	4.88	0 1-	6ACWC	0	0	1234	315	0	0	0	0.00	0.80	0
CO26534+	CO26545	4.97	0 1-	6ACWC	0	0	1215	314	0	0	0	0.00	0.80	0
CO26364+	CO26365	4.43	329 3-	1/0ACSR	1606	1513	1355	325	1458	32	14	0.03	0.82	56
CO26363+	CO26364	4.54	325 3-	1/0ACSR	1586	1493	1334	324	1450	32	14	0.03	0.85	65
CO26385+	CO26363	4.58	3 1-	4ACSR	0	0	1324	323	17	1	1	0.00	0.85	0
CO-524277741+	CO26385	4.87	1 1-	2ACSR	0	0	1262	319	3	0	0	0.00	0.85	0
CO26546+	CO26363	4.54	268 3-	1/0ACSR	1585	1492	1332	324	1189	26	12	0.00	0.85	3
OC817+	CO26546	4.54	268 3-	70 E OCR	1585	1492	1332	324	1189	26	38	0.00	0.85	0
CO26547+	OC817	4.59	268 3-	1/0ACSR	1577	1484	1324	323	1189	26	12	0.01	0.86	17
CO26438+	CO26547	4.63	267 3-	1/0ACSR	1570	1477	1317	323	1189	26	12	0.01	0.87	16
CO26531+	CO26438	4.68	265 3-	1/0ACSR	1559	1467	1306	322	1186	26	12	0.01	0.88	24
CO30599+	CO26531	4.87	264 3-	1/0ACSR	1526	1435	1272	321	1178	26	12	0.04	0.92	74
CO30598+	CO30599	4.91	4 1-	4ACSR	0	0	1262	320	34	2	2	0.00	0.92	0
CO26532+	CO30598	4.98	2 1-	4ACSR	0	0	1245	318	20	1	1	0.00	0.93	0
CO26481+	CO26532	5.05	1 1-	4ACSR	0	0	1229	317	10	0	0	0.00	0.93	0
CO26388+	CO26532	5.03	1 1-	4ACSR	0	0	1234	318	11	0	1	0.00	0.93	0
CO16728+	CO30599	4.95	260 3-	1/0ACSR	1512	1422	1258	320	1144	25	11	0.02	0.94	31
CO16966+	CO16728	4.95	2 1-	4ACSR	0	0	1257	320	1	0	0	0.00	0.94	0
OC516+	CO16966	4.95	2 1-	10 N FUSE	0	0	1257	320	1	0	0	0.00	0.94	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16967+	OC516	5.27	2 1-	4ACSR	0	0	1184	314	1	0	0	0.00	0.94	0
CO16864+	CO16967	5.35	2 1-	4ACSR	0	0	1167	312	1	0	0	0.00	0.94	0
CO16865+	CO16864	5.50	0 1-	4ACSR	0	0	1135	310	0	0	0	0.00	0.94	0
CO16869+	CO16728	4.99	257 3-	1/0ACSR	1505	1415	1251	320	1134	25	11	0.01	0.95	15
CO16868+	CO16869	5.01	256 3-	1/0ACSR	1500	1411	1247	319	1128	25	11	0.01	0.96	10
CO16870+	CO16868	5.05	253 3-	1/0ACSR	1494	1405	1241	319	1125	25	11	0.01	0.96	13
CO16770+	CO16870	5.16	1 1-	4ACSR	0	0	1214	317	4	0	0	0.00	0.96	0
CO16859+	CO16870	5.09	1 1-	4ACSR	0	0	1232	318	12	0	1	0.00	0.96	0
CO16863+	CO16859	5.12	1 1-	4ACSR	0	0	1223	317	12	0	1	0.00	0.96	0
CO16860+	CO16863	5.17	1 1-	4ACSR	0	0	1212	317	12	0	1	0.00	0.96	0
CO16862+	CO16860	5.26	1 1-	4ACSR	0	0	1193	315	12	0	1	0.00	0.97	0
CO16861+	CO16862	5.46	1 1-	4ACSR	0	0	1150	311	12	0	1	0.00	0.97	0
CO16867+	CO16870	5.08	251 3-	1/0ACSR	1490	1400	1236	319	1109	25	11	0.01	0.97	10
CO16866+	CO16867	5.21	251 3-	1/0ACSR	1467	1379	1214	317	1109	25	11	0.03	1.00	47
CO16769+	CO16866	5.37	3 1-	4ACSR	0	0	1178	314	6	0	0	0.00	1.00	0
CO16727+	CO16866	5.51	247 3-	1/0ACSR	1419	1333	1166	315	1090	24	11	0.06	1.06	105
CO16730+	CO16727	5.65	241 3-	1/0ACSR	1399	1314	1146	313	1064	24	10	0.03	1.09	44
CO16729+	CO16730	5.73	237 3-	1/0ACSR	1386	1302	1134	312	1054	23	10	0.02	1.10	28
CO16922+	CO16729	5.82	7 1-	4ACSR	0	0	1117	311	1	0	0	0.00	1.11	0
CO16921+	CO16922	5.92	5 1-	4ACSR	0	0	1097	309	1	0	0	0.00	1.11	0
CO16958+	CO16921	6.00	1 1-	2ACSR	0	0	1084	308	1	0	0	0.00	1.11	0
CO16957+	CO16958	6.05	1 1-	2ACSR	0	0	1077	307	1	0	0	0.00	1.11	0
CO16871+	CO16729	5.84	230 3-	1/0ACSR	1369	1286	1118	311	1052	23	10	0.02	1.13	36
CO16873+	CO16871	5.87	227 3-	1/0ACSR	1365	1282	1114	311	1040	23	10	0.01	1.13	9
CO16872+	CO16873	5.90	227 3-	1/0ACSR	1361	1278	1110	311	1040	23	10	0.01	1.14	9
CO16954+	CO16872	5.95	3 1-	2ACSR	0	0	1102	310	19	1	1	0.00	1.14	0
CO16952+	CO16954	5.99	1 1-	2ACSR	0	0	1095	310	11	0	0	0.00	1.14	0
CO16953+	CO16952	6.03	1 1-	2ACSR	0	0	1089	309	11	0	0	0.00	1.14	0
CO16956+	CO16953	6.07	0 1-	2ACSR	0	0	1083	309	0	0	0	0.00	1.14	0
CO16955+	CO16956	6.20	0 1-	2ACSR	0	0	1063	307	0	0	0	0.00	1.14	0
CO16771+	CO16872	5.96	1 1-	4ACSR	0	0	1099	310	0	0	0	0.00	1.14	0
CO16875+	CO16872	6.12	223 3-	1/0ACSR	1330	1249	1080	309	1020	23	10	0.04	1.18	66
CO16874+	CO16875	6.18	221 3-	1/0ACSR	1322	1241	1073	308	1012	22	10	0.01	1.19	18
CO16876+	CO16874	6.21	220 3-	1/0ACSR	1318	1238	1069	308	1003	22	10	0.01	1.20	9
CO17252+	CO16876	6.28	73 1-	4ACSR	0	0	1056	307	296	20	14	0.03	1.23	16
XFMR85	CO17252	6.28	72 1-	333 KVA 1PH AUT	0	0	858	171	292	19	86	0.59	1.82	0
CO16673	XFMR85	6.32	72 1-	4ACSR	0	0	851	170	292	39	28	0.07	1.89	34
CO16698	CO16673	6.33	72 1-	4ACSR	0	0	849	170	291	39	28	0.01	1.91	6
OC510	CO16698	6.33	72 1-	50 H OCR	0	0	849	170	291	39	79	0.00	1.91	0
CO16699	OC510	6.39	72 1-	4ACSR	0	0	838	170	291	39	28	0.11	2.02	52
CO16674	CO16699	6.45	69 1-	4ACSR	0	0	826	169	288	39	28	0.11	2.13	52
CO16512	CO16674	6.57	1 1-	4ACSR	0	0	806	168	7	0	1	0.00	2.13	0
CO16482	CO16674	6.52	67 1-	4ACSR	0	0	814	168	279	38	27	0.11	2.24	51
CO16513	CO16482	6.57	3 1-	4ACSR	0	0	806	168	3	0	0	0.00	2.24	0
CO16675	CO16482	6.55	64 1-	4ACSR	0	0	809	168	276	37	27	0.05	2.29	24
CO16676	CO16675	6.65	63 1-	4ACSR	0	0	791	167	275	37	27	0.17	2.46	76
CO16514	CO16676	6.69	1 1-	4ACSR	0	0	784	166	8	1	1	0.00	2.46	0
CO16495	CO16676	6.73	61 1-	4ACSR	0	0	778	166	265	36	26	0.12	2.58	51
CO2041306794	CO16495	6.78	2 1-	2ACSR	0	0	770	166	16	2	1	0.00	2.58	0
CO-685400320	CO2041306794	6.90	2 1-	2ACSR	0	0	753	165	16	2	1	0.01	2.59	0
CO785049355	CO-685400320	6.95	1 1-	2ACSR	0	0	745	164	5	0	0	0.00	2.59	0
CO930784116	CO785049355	7.00	0 1-	2ACSR	0	0	739	164	0	0	0	0.00	2.59	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16677	CO16495	6.76	56 1-	4ACSR	0	0	773	166	233	31	23	0.04	2.62	16
CO16678	CO16677	6.88	56 1-	4ACSR	0	0	751	164	233	31	23	0.18	2.80	68
CO16679	CO16678	6.94	55 1-	4ACSR	0	0	743	164	225	30	22	0.07	2.87	26
CO16686	CO16679	7.01	20 1-	4ACSR	0	0	730	163	93	12	9	0.04	2.92	7
CO16687	CO16686	7.09	20 1-	4ACSR	0	0	719	162	93	12	9	0.04	2.96	6
CO16688	CO16687	7.17	19 1-	4ACSR	0	0	705	162	89	12	9	0.05	3.00	6
CO16689	CO16688	7.23	17 1-	4ACSR	0	0	697	161	82	11	8	0.03	3.03	3
CO16690	CO16689	7.29	14 1-	4ACSR	0	0	687	160	73	9	7	0.03	3.05	3
CO16685	CO16690	7.33	13 1-	4ACSR	0	0	682	160	58	8	6	0.01	3.07	0
CO16684	CO16685	7.38	12 1-	4ACSR	0	0	674	160	57	7	6	0.02	3.09	0
CO16683	CO16684	7.48	12 1-	4ACSR	0	0	660	159	57	7	6	0.03	3.12	3
CO16694	CO16683	7.51	8 1-	4ACSR	0	0	656	158	34	4	3	0.01	3.12	0
CO16695	CO16694	7.58	8 1-	4ACSR	0	0	646	158	34	4	3	0.01	3.14	0
CO16696	CO16695	7.71	6 1-	4ACSR	0	0	630	156	25	3	2	0.02	3.16	0
CO16697	CO16696	7.71	5 1-	4ACSR	0	0	628	156	22	2	2	0.00	3.16	0
CO30602	CO16697	7.76	4 1-	4ACSR	0	0	623	156	19	2	2	0.01	3.16	0
CO-1855246114	CO30602	7.82	1 1-	2ACSR	0	0	617	156	7	0	1	0.00	3.16	0
CO26209	CO30602	7.87	3 1-	4ACSR	0	0	609	155	12	1	1	0.01	3.17	0
CO26195	CO26209	7.96	1 1-	2ACSR	0	0	600	154	5	0	0	0.00	3.17	0
CO26210	CO26209	8.06	2 1-	4ACSR	0	0	586	153	7	0	1	0.01	3.18	0
CO26211	CO26210	8.12	2 1-	4ACSR	0	0	579	153	7	0	1	0.00	3.18	0
CO16692	CO16683	7.54	3 1-	4ACSR	0	0	651	158	15	2	1	0.01	3.12	0
CO16546	CO16692	7.60	1 1-	2ACSR	0	0	645	158	3	0	0	0.00	3.12	0
CO16693	CO16692	7.58	2 1-	4ACSR	0	0	646	158	12	1	1	0.00	3.13	0
CO16691	CO16693	7.62	1 1-	4ACSR	0	0	640	157	5	0	0	0.00	3.13	0
CO16680	CO16679	7.01	34 1-	4ACSR	0	0	731	163	128	17	13	0.05	2.93	11
CO16511	CO16680	7.12	1 1-	4ACSR	0	0	713	162	12	1	1	0.00	2.93	0
CO16481	CO16680	7.19	32 1-	4ACSR	0	0	702	161	116	15	11	0.13	3.06	26
CO30601	CO16481	7.34	28 1-	4ACSR	0	0	681	160	99	13	10	0.08	3.15	13
CO26139	CO30601	7.47	23 1-	4ACSR	0	0	661	159	80	10	8	0.06	3.21	8
CO26166	CO26139	7.61	1 1-	4ACSR	0	0	642	157	9	1	1	0.00	3.22	0
CO26138	CO26139	7.53	21 1-	4ACSR	0	0	654	158	68	9	7	0.02	3.23	2
CO26137	CO26138	7.74	16 1-	4ACSR	0	0	625	156	47	6	5	0.06	3.29	5
CO26202	CO26137	7.83	3 1-	4ACSR	0	0	614	155	11	1	1	0.01	3.30	0
CO26167	CO26202	7.85	1 1-	4ACSR	0	0	611	155	9	1	1	0.00	3.30	0
CO26203	CO26202	7.91	1 1-	4ACSR	0	0	604	155	2	0	0	0.00	3.30	0
CO26204	CO26137	7.82	11 1-	4ACSR	0	0	616	155	29	3	3	0.01	3.31	0
CO26205	CO26204	7.97	11 1-	4ACSR	0	0	597	154	29	3	3	0.03	3.33	0
CO26169	CO26205	8.03	6 1-	4ACSR	0	0	589	153	17	2	2	0.00	3.34	0
CO-2125198967	CO26169	8.16	1 1-	2ACSR	0	0	577	153	3	0	0	0.00	3.34	0
CO26206	CO26205	8.10	4 1-	4ACSR	0	0	581	153	8	1	1	0.00	3.34	0
CO26207	CO26206	8.13	1 1-	4ACSR	0	0	578	153	2	0	0	0.00	3.34	0
CO26208	CO26207	8.21	1 1-	4ACSR	0	0	569	152	2	0	0	0.00	3.34	0
CO26168	CO26137	7.91	2 1-	4ACSR	0	0	604	155	7	0	1	0.00	3.30	0
CO26199	CO26138	7.55	3 1-	4ACSR	0	0	651	158	13	1	1	0.00	3.23	0
CO26200	CO26199	7.58	3 1-	4ACSR	0	0	646	158	13	1	1	0.00	3.24	0
CO26201	CO26200	7.64	1 1-	4ACSR	0	0	638	157	7	0	1	0.00	3.24	0
CO26192	CO26138	7.65	1 1-	2ACSR	0	0	640	157	2	0	0	0.00	3.23	0
CO30600	CO30601	7.39	2 1-	4ACSR	0	0	672	159	15	2	1	0.00	3.15	0
CO16681	CO16481	7.30	3 1-	4ACSR	0	0	686	160	9	1	1	0.01	3.07	0
CO16682	CO16681	7.36	1 1-	4ACSR	0	0	678	160	8	1	1	0.00	3.07	0
CO16510	CO16481	7.22	1 1-	4ACSR	0	0	698	161	8	1	1	0.00	3.06	0

Substation Power Factor: 0.99
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16528	CO16495	6.77	1 1-	4ACSR	0	0	770	166	7	0	1	0.00	2.58	0
CO16877+	CO16876	6.23	147 3-	1/0ACSR	1315	1235	1066	308	706	15	7	0.00	1.20	3
CO17249+	CO16877	6.32	145 3-	1/0ACSR	1303	1223	1054	307	698	15	7	0.01	1.21	14
CO16518+	CO17249	6.38	1 1-	4ACSR	0	0	1044	306	1	0	0	0.00	1.21	0
CO16487+	CO17249	6.39	144 3-	1/0ACSR	1294	1215	1046	306	696	15	7	0.01	1.22	9
CO16517+	CO16487	6.45	1 1-	4ACSR	0	0	1036	305	7	0	0	0.00	1.22	0
CO16486+	CO16487	6.43	142 3-	1/0ACSR	1288	1209	1040	306	684	15	7	0.01	1.23	6
CO16671+	CO16486	6.51	3 1-	4ACSR	0	0	1027	305	18	1	1	0.00	1.23	0
CO16672+	CO16671	6.56	2 1-	4ACSR	0	0	1019	304	9	0	0	0.00	1.23	0
CO16669+	CO16486	6.54	139 3-	1/0ACSR	1274	1196	1027	305	666	15	7	0.01	1.24	14
CO16670+	CO16669	6.64	139 3-	1/0ACSR	1261	1184	1015	304	666	15	7	0.01	1.26	13
CO16485+	CO16670	6.87	138 3-	1/0ACSR	1233	1158	989	302	661	14	6	0.03	1.29	29
CO16700+	CO16485	6.88	74 1-	4ACSR	0	0	988	302	340	23	16	0.00	1.29	0
OC508+	CO16700	6.88	74 1-	10 N FUSE	0	0	988	302	340	23	231	0.00	1.29	0
CO16701+	OC508	6.93	74 1-	4ACSR	0	0	980	301	340	23	16	0.03	1.31	14
CO16661+	CO16701	7.00	73 1-	4ACSR	0	0	969	300	336	22	16	0.04	1.35	21
CO16526+	CO16661	7.06	1 1-	4ACSR	0	0	960	299	10	0	1	0.00	1.35	0
CO16662+	CO16661	7.02	70 1-	4ACSR	0	0	966	299	323	21	16	0.01	1.36	4
CO16663+	CO16662	7.09	69 1-	4ACSR	0	0	956	298	321	21	16	0.03	1.39	16
CO16664+	CO16663	7.10	67 1-	4ACSR	0	0	954	298	314	21	15	0.01	1.40	4
CO16667+	CO16664	7.17	1 1-	2ACSR	0	0	946	297	9	0	0	0.00	1.40	0
CO16668+	CO16667	7.33	1 1-	2ACSR	0	0	927	295	9	0	0	0.00	1.40	0
CO16665+	CO16664	7.20	66 1-	4ACSR	0	0	940	296	305	20	15	0.05	1.45	23
CO17251+	CO16665	7.24	5 1-	4ACSR	0	0	934	296	40	2	2	0.00	1.45	0
CO-162607518+	CO17251	7.34	3 1-	2ACSR	0	0	922	295	21	1	1	0.00	1.45	0
CO-1767842963+	CO-162607518	7.41	3 1-	2ACSR	0	0	914	294	21	1	1	0.00	1.45	0
CO55544996+	CO-1767842963	7.48	3 1-	2ACSR	0	0	906	293	21	1	1	0.00	1.45	0
CO-801271943+	CO55544996	7.57	2 1-	2ACSR	0	0	896	292	21	1	1	0.00	1.45	0
CO2142543372+	CO-801271943	7.63	1 1-	2ACSR	0	0	890	291	0	0	0	0.00	1.45	0
CO17250+	CO16665	7.29	58 1-	4ACSR	0	0	927	295	249	16	12	0.03	1.48	14
CO16789+	CO17250	7.32	3 1-	2ACSR	0	0	923	295	15	1	1	0.00	1.48	0
CO16878+	CO17250	7.37	55 1-	4ACSR	0	0	915	293	234	15	11	0.03	1.51	11
CO16731+	CO16878	7.46	52 1-	4ACSR	0	0	903	292	222	15	11	0.03	1.54	10
CO16774+	CO16731	7.53	1 1-	4ACSR	0	0	893	291	10	0	0	0.00	1.54	0
CO16732+	CO16731	7.55	51 1-	4ACSR	0	0	890	290	212	14	10	0.03	1.57	11
XFMR87	CO16732	7.55	51 1-	167 KVA 1PH AUT	0	0	594	165	212	14	125	0.71	2.28	0
CO16742	XFMR87	7.60	51 1-	4ACSR	0	0	590	165	212	28	21	0.06	2.34	21
CO16970	CO16742	7.60	50 1-	4ACSR	0	0	590	165	209	28	20	0.01	2.35	3
OC518	CO16970	7.60	50 1-	50 H OCR	0	0	590	165	209	28	57	0.00	2.35	0
CO16971	OC518	7.70	50 1-	4ACSR	0	0	581	164	209	28	20	0.12	2.47	42
CO16879	CO16971	7.81	50 1-	4ACSR	0	0	572	163	208	28	20	0.13	2.60	45
CO16881	CO16879	8.12	6 1-	4ACSR	0	0	545	160	37	5	4	0.06	2.67	3
CO16880	CO16881	8.16	5 1-	4ACSR	0	0	542	159	28	3	3	0.01	2.67	0
CO16882	CO16880	8.30	4 1-	4ACSR	0	0	530	158	24	3	2	0.02	2.69	0
CO16930	CO16882	8.32	1 1-	4ACSR	0	0	529	158	0	0	0	0.00	2.69	0
CO16929	CO16930	8.36	1 1-	4ACSR	0	0	526	157	0	0	0	0.00	2.69	0
CO16883	CO16882	8.37	3 1-	4ACSR	0	0	524	157	24	3	2	0.01	2.70	0
CO17248	CO16883	8.66	3 1-	4ACSR	0	0	502	154	24	3	2	0.04	2.75	0
CO16392	CO17248	8.79	3 1-	4ACSR	0	0	492	153	24	3	2	0.02	2.76	0
CO16391	CO16392	8.97	1 1-	4ACSR	0	0	479	152	14	1	1	0.01	2.77	0
CO16463	CO16391	9.04	0 1-	4ACSR	0	0	474	151	0	0	0	0.00	2.77	0
#SW505-B	CO16463	9.04	0 1-	Open	0	0	474	151	0	0	0	0.00	2.77	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16733	CO16879	7.91	44 1-	4ACSR	0	0	563	162	171	23	17	0.11	2.71	31
CO16776	CO16733	7.97	1 1-	4ACSR	0	0	558	161	3	0	0	0.00	2.71	0
CO16734	CO16733	8.02	43 1-	4ACSR	0	0	553	161	168	23	16	0.12	2.83	32
CO16735	CO16734	8.09	40 1-	4ACSR	0	0	548	160	154	21	15	0.06	2.89	14
CO16778	CO16735	8.14	2 1-	4ACSR	0	0	544	159	9	1	1	0.00	2.89	0
CO16736	CO16735	8.27	36 1-	4ACSR	0	0	533	158	127	17	12	0.14	3.02	28
CO16936	CO16736	8.33	1 1-	4ACSR	0	0	528	158	2	0	0	0.00	3.02	0
CO16938	CO16936	8.38	1 1-	4ACSR	0	0	524	157	2	0	0	0.00	3.02	0
CO16937	CO16938	8.40	1 1-	4ACSR	0	0	522	157	2	0	0	0.00	3.02	0
CO16932	CO16736	8.34	2 1-	4ACSR	0	0	527	157	7	0	1	0.00	3.03	0
CO16931	CO16932	8.35	2 1-	4ACSR	0	0	526	157	7	0	1	0.00	3.03	0
CO16933	CO16931	8.40	2 1-	4ACSR	0	0	522	157	7	0	1	0.00	3.03	0
CO16935	CO16933	8.46	2 1-	4ACSR	0	0	518	156	7	0	1	0.00	3.03	0
CO16934	CO16935	8.51	2 1-	4ACSR	0	0	514	156	7	0	1	0.00	3.03	0
CO16737	CO16736	8.36	31 1-	4ACSR	0	0	525	157	111	15	11	0.06	3.09	12
CO16940	CO16737	8.41	2 1-	4ACSR	0	0	521	157	9	1	1	0.00	3.09	0
CO16939	CO16940	8.48	2 1-	4ACSR	0	0	516	156	9	1	1	0.00	3.09	0
CO16941	CO16939	8.54	1 1-	4ACSR	0	0	511	155	9	1	1	0.00	3.09	0
CO16738	CO16737	8.46	29 1-	4ACSR	0	0	518	156	102	14	10	0.06	3.15	10
CO16739	CO16738	8.59	28 1-	4ACSR	0	0	507	155	97	13	10	0.08	3.23	13
CO16945	CO16739	8.68	2 1-	4ACSR	0	0	500	154	22	3	2	0.01	3.24	0
CO16944	CO16945	8.73	1 1-	4ACSR	0	0	497	154	12	1	1	0.00	3.24	0
CO16885	CO16739	8.70	26 1-	4ACSR	0	0	499	154	75	10	7	0.05	3.28	6
CO16884	CO16885	8.87	25 1-	4ACSR	0	0	486	152	74	10	7	0.08	3.35	9
CO16780	CO16884	8.93	1 1-	4ACSR	0	0	482	152	0	0	0	0.00	3.35	0
CO16740	CO16884	8.97	24 1-	4ACSR	0	0	479	152	74	10	7	0.04	3.40	5
CO16781	CO16740	9.03	2 1-	4ACSR	0	0	475	151	4	0	0	0.00	3.40	0
CO16887	CO16740	9.12	22 1-	4ACSR	0	0	469	150	69	9	7	0.06	3.46	7
CO16886	CO16887	9.16	19 1-	4ACSR	0	0	466	150	60	8	6	0.01	3.47	0
CO16888	CO16886	9.33	18 1-	4ACSR	0	0	454	148	54	7	5	0.05	3.53	5
CO16786	CO16888	9.37	1 1-	4ACSR	0	0	451	148	11	1	1	0.00	3.53	0
CO16782	CO16888	9.39	2 1-	4ACSR	0	0	451	148	0	0	0	0.00	3.53	0
CO16889	CO16888	9.38	14 1-	4ACSR	0	0	451	148	39	5	4	0.01	3.54	0
CO16891	CO16889	9.52	13 1-	4ACSR	0	0	442	147	39	5	4	0.03	3.57	2
CO16949	CO16891	9.58	3 1-	4ACSR	0	0	438	146	11	1	1	0.00	3.57	0
CO16946	CO16949	9.64	2 1-	4ACSR	0	0	434	146	6	0	1	0.00	3.58	0
CO16948	CO16946	9.67	2 1-	4ACSR	0	0	433	146	6	0	1	0.00	3.58	0
CO16947	CO16948	9.70	1 1-	4ACSR	0	0	431	145	0	0	0	0.00	3.58	0
CO16890	CO16891	9.67	7 1-	4ACSR	0	0	433	146	20	2	2	0.02	3.59	0
CO16744	CO16890	9.81	7 1-	4ACSR	0	0	424	144	20	2	2	0.02	3.61	0
CO16790	CO16744	9.90	1 1-	4ACSR	0	0	419	144	7	1	1	0.00	3.61	0
CO16893	CO16744	9.88	6 1-	4ACSR	0	0	420	144	13	1	1	0.01	3.61	0
CO16894	CO16893	10.05	5 1-	4ACSR	0	0	410	142	10	1	1	0.01	3.62	0
CO16743	CO16894	10.20	5 1-	4ACSR	0	0	402	141	10	1	1	0.01	3.63	0
CO16897	CO16743	10.31	4 1-	4ACSR	0	0	396	140	4	0	0	0.00	3.64	0
CO16746	CO16897	10.40	2 1-	4ACSR	0	0	391	140	2	0	0	0.00	3.64	0
CO16898	CO16897	10.36	1 1-	4ACSR	0	0	393	140	2	0	0	0.00	3.64	0
CO16899	CO16898	10.50	0 1-	4ACSR	0	0	386	139	0	0	0	0.00	3.64	0
CO16747	CO16743	10.31	1 1-	4ACSR	0	0	396	140	6	0	1	0.00	3.63	0
CO16745	CO16893	9.89	1 1-	4ACSR	0	0	419	144	3	0	0	0.00	3.61	0
CO16793	CO16890	9.78	0 1-	4ACSR	0	0	426	145	0	0	0	0.00	3.59	0
CO16791	CO16793	9.83	0 1-	4ACSR	0	0	423	144	0	0	0	0.00	3.59	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16795	CO16793	9.99	0 1-	4ACSR	0	0	414	143	0	0	0	0.00	3.59	0
CO16794	CO16795	10.40	0 1-	4ACSR	0	0	391	140	0	0	0	0.00	3.59	0
CO16783	CO16891	9.60	3 1-	4ACSR	0	0	437	146	8	1	1	0.00	3.57	0
CO16779	CO16739	8.76	0 1-	4ACSR	0	0	494	153	0	0	0	0.00	3.23	0
CO16943	CO16738	8.52	1 1-	4ACSR	0	0	513	156	5	0	0	0.00	3.15	0
CO16777	CO16734	8.07	2 1-	4ACSR	0	0	550	160	10	1	1	0.00	2.83	0
CO16775	CO16742	7.69	1 1-	4ACSR	0	0	582	164	3	0	0	0.00	2.34	0
CO16773+	CO16878	7.50	1 1-	4ACSR	0	0	897	291	0	0	0	0.00	1.51	0
CO16772+	CO16878	7.45	1 1-	4ACSR	0	0	905	292	7	0	0	0.00	1.51	0
CO16666+	CO16665	7.24	3 1-	4ACSR	0	0	934	296	15	1	1	0.00	1.45	0
CO16484+	CO16485	6.97	64 3-	4ACSR	1216	1143	975	300	321	7	5	0.01	1.30	7
XFMR89	CO16484	6.97	64 3-	333 KVA 1PH AUT	910	885	833	170	321	7	31	0.20	1.50	0
CO16483	XFMR89	7.06	64 3-	4ACSR	896	870	816	169	321	14	10	0.05	1.55	29
CO16702	CO16483	7.07	14 1-	4ACSR	0	0	815	169	46	6	4	0.00	1.56	0
OC509	CO16702	7.07	14 1-	35 H OCR	0	0	815	169	46	6	18	0.00	1.56	0
CO16703	OC509	7.20	14 1-	4ACSR	0	0	792	167	46	6	4	0.04	1.59	3
CO16654	CO16703	7.29	13 1-	4ACSR	0	0	776	166	46	6	4	0.03	1.62	0
CO16655	CO16654	7.42	11 1-	4ACSR	0	0	754	165	45	6	4	0.03	1.65	3
CO16515	CO16655	7.48	2 1-	4ACSR	0	0	745	165	4	0	0	0.00	1.65	0
CO16656	CO16655	7.64	9 1-	4ACSR	0	0	720	163	41	5	4	0.05	1.70	3
CO16657	CO16656	7.68	8 1-	4ACSR	0	0	714	163	32	4	3	0.01	1.71	0
CO16660	CO16657	7.83	5 1-	4ACSR	0	0	691	161	30	4	3	0.03	1.74	0
CO1125860385	CO16660	7.97	1 1-	2ACSR	0	0	674	160	8	1	1	0.00	1.74	0
CO17203	CO16660	7.97	4 1-	4ACSR	0	0	671	160	22	2	2	0.02	1.76	0
CO16060	CO17203	8.04	1 1-	4ACSR	0	0	660	159	2	0	0	0.00	1.76	0
CO16092	CO17203	8.07	3 1-	4ACSR	0	0	656	159	20	2	2	0.01	1.77	0
CO16093	CO16092	8.27	3 1-	4ACSR	0	0	630	157	20	2	2	0.02	1.79	0
CO16091	CO16093	8.34	2 1-	4ACSR	0	0	621	156	16	2	2	0.00	1.79	0
CO16658	CO16657	7.83	3 1-	4ACSR	0	0	691	161	2	0	0	0.00	1.71	0
CO16659	CO16658	7.92	2 1-	4ACSR	0	0	677	160	1	0	0	0.00	1.71	0
CO16652	CO16483	7.18	2 1-	4ACSR	0	0	796	168	7	0	1	0.00	1.56	0
CO16653	CO16652	7.20	1 1-	4ACSR	0	0	791	167	0	0	0	0.00	1.56	0
CO16650	CO16483	7.13	48 3-	1/0ACSR	888	861	805	169	268	12	5	0.01	1.57	6
CO16651	CO16650	7.19	45 3-	1/0ACSR	882	854	797	168	242	10	5	0.01	1.58	4
CO16519	CO16651	7.28	3 1-	4ACSR	0	0	783	167	9	1	1	0.00	1.58	0
CO16488	CO16651	7.27	42 3-	1/0ACSR	874	845	787	168	233	10	5	0.01	1.59	5
CO16489	CO16488	7.36	40 3-	1/0ACSR	864	834	774	167	218	9	4	0.02	1.61	5
CO16523	CO16489	7.42	1 1-	4ACSR	0	0	765	167	2	0	0	0.00	1.61	0
CO16522	CO16489	7.44	2 1-	4ACSR	0	0	762	167	20	2	2	0.00	1.61	0
CO16490	CO16489	7.49	36 3-	1/0ACSR	851	820	758	167	193	8	4	0.02	1.63	5
CO16707	CO16490	7.50	0 1-	4ACSR	0	0	757	167	0	0	0	0.00	1.63	0
SW513-A	CO16707	7.50	0 1-	Open	0	0	757	167	0	0	0	0.00	1.63	0
CO16704	CO16490	7.50	36 1-	4ACSR	0	0	757	167	193	26	19	0.01	1.63	2
OC512	CO16704	7.50	36 1-	50 H OCR	0	0	757	167	193	26	52	0.00	1.63	0
CO16705	OC512	7.61	36 1-	4ACSR	0	0	738	165	193	26	19	0.13	1.77	41
CO16623	CO16705	7.67	3 1-	4ACSR	0	0	730	165	14	1	1	0.00	1.77	0
CO16624	CO16623	7.69	3 1-	4ACSR	0	0	727	165	14	1	1	0.00	1.77	0
CO16625	CO16624	7.72	1 1-	4ACSR	0	0	723	164	3	0	0	0.00	1.77	0
CO16626	CO16625	7.83	0 1-	4ACSR	0	0	706	163	0	0	0	0.00	1.77	0
CO16629	CO16705	7.65	31 1-	4ACSR	0	0	732	165	171	23	17	0.04	1.81	11
CO16630	CO16629	7.68	30 1-	4ACSR	0	0	728	165	167	22	16	0.03	1.84	8
CO16628	CO16630	7.72	28 1-	4ACSR	0	0	722	164	152	20	15	0.03	1.87	7

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16627	CO16628	7.74	27 1-	4ACSR	0	0	720	164	142	19	14	0.02	1.89	4
CO16634	CO16627	7.77	2 1-	4ACSR	0	0	714	164	20	2	2	0.00	1.89	0
CO16635	CO16634	7.78	1 1-	4ACSR	0	0	712	164	6	0	1	0.00	1.89	0
CO16631	CO16627	7.75	25 1-	4ACSR	0	0	718	164	122	16	12	0.01	1.89	0
CO16632	CO16631	7.78	23 1-	4ACSR	0	0	713	164	107	14	10	0.02	1.92	4
CO16633	CO16632	7.82	22 1-	4ACSR	0	0	707	163	98	13	10	0.02	1.94	3
CO16527	CO16633	7.90	1 1-	4ACSR	0	0	696	162	3	0	0	0.00	1.94	0
CO16491	CO16633	8.16	19 1-	4ACSR	0	0	659	160	84	11	8	0.17	2.11	24
CO16639	CO16491	8.28	13 1-	4ACSR	0	0	643	159	53	7	5	0.04	2.15	3
CO16544	CO16639	8.34	1 1-	2ACSR	0	0	636	158	7	0	1	0.00	2.15	0
CO16640	CO16639	8.39	12 1-	4ACSR	0	0	629	158	46	6	4	0.03	2.18	2
CO16642	CO16640	8.46	3 1-	4ACSR	0	0	620	157	10	1	1	0.00	2.18	0
CO16643	CO16642	8.50	2 1-	4ACSR	0	0	615	157	3	0	0	0.00	2.18	0
CO16641	CO16643	8.54	2 1-	4ACSR	0	0	610	156	3	0	0	0.00	2.18	0
CO16492	CO16640	8.60	8 1-	4ACSR	0	0	604	156	36	4	4	0.05	2.23	3
CO16648	CO16492	8.65	5 1-	4ACSR	0	0	597	155	18	2	2	0.01	2.23	0
CO16649	CO16648	8.88	2 1-	4ACSR	0	0	571	153	15	2	1	0.01	2.24	0
CO449185838	CO16649	8.95	1 1-	2ACSR	0	0	565	153	3	0	0	0.00	2.25	0
CO16545	CO16648	8.68	1 1-	2ACSR	0	0	595	155	2	0	0	0.00	2.23	0
CO16644	CO16492	8.86	3 1-	4ACSR	0	0	573	153	18	2	2	0.03	2.25	0
CO16645	CO16644	8.96	2 1-	4ACSR	0	0	563	152	18	2	2	0.01	2.26	0
CO16646	CO16645	9.03	1 1-	4ACSR	0	0	556	152	7	0	1	0.00	2.26	0
CO16647	CO16646	9.06	1 1-	4ACSR	0	0	552	152	7	0	1	0.00	2.27	0
CO16524	CO16640	8.46	0 1-	4ACSR	0	0	620	157	0	0	0	0.00	2.18	0
CO16493	CO16491	8.24	6 1-	4ACSR	0	0	648	159	30	4	3	0.01	2.13	0
CO16525	CO16493	8.57	1 1-	4ACSR	0	0	607	156	0	0	0	0.00	2.13	0
CO16637	CO16493	8.31	4 1-	4ACSR	0	0	639	158	28	3	3	0.01	2.13	0
CO16638	CO16637	8.35	2 1-	4ACSR	0	0	633	158	16	2	2	0.00	2.14	0
CO16636	CO16638	8.40	2 1-	4ACSR	0	0	628	158	16	2	2	0.00	2.14	0
CO16521	CO16488	7.33	1 1-	4ACSR	0	0	777	167	5	0	1	0.00	1.59	0
CO16520	CO16488	7.37	1 1-	4ACSR	0	0	770	167	10	1	1	0.00	1.60	0
CO16516+	CO16670	6.77	1 1-	4ACSR	0	0	995	302	5	0	0	0.00	1.26	0
CO16923+	CO16730	5.70	3 1-	4ACSR	0	0	1134	312	8	0	0	0.00	1.09	0
CO16925+	CO16923	5.74	3 1-	4ACSR	0	0	1127	312	8	0	0	0.00	1.09	0
CO16924+	CO16925	5.79	1 1-	4ACSR	0	0	1118	311	6	0	0	0.00	1.09	0
CO16926+	CO16727	5.60	6 1-	4ACSR	0	0	1148	313	25	1	1	0.00	1.06	0
CO16928+	CO16926	5.70	5 1-	4ACSR	0	0	1128	311	22	1	1	0.00	1.07	0
CO16927+	CO16928	5.76	3 1-	4ACSR	0	0	1116	310	18	1	1	0.00	1.07	0
CO16920+	CO30599	4.96	0 1-	4ACSR	0	0	1250	319	0	0	0	0.00	0.92	0
CO16919+	CO16920	5.02	0 1-	4ACSR	0	0	1236	318	0	0	0	0.00	0.92	0
CO26387+	CO26438	4.68	1 1-	4ACSR	0	0	1303	322	3	0	0	0.00	0.87	0
CO26386+	CO26438	4.78	1 1-	4ACSR	0	0	1279	320	0	0	0	0.00	0.87	0
CO26530+	CO26363	4.65	54 3-	1/0ACSR	1565	1472	1312	323	243	5	2	0.01	0.85	0
CO26529+	CO26530	4.77	51 3-	1/0ACSR	1544	1452	1290	322	239	5	2	0.01	0.86	0
CO26525+	CO26529	4.82	50 3-	1/0ACSR	1534	1443	1281	321	229	5	2	0.00	0.86	0
CO26480+	CO26525	4.91	9 1-	4ACSR	0	0	1259	319	39	2	2	0.01	0.87	0
CO26526+	CO26480	4.93	6 1-	4ACSR	0	0	1254	319	37	2	2	0.00	0.87	0
CO26527+	CO26526	4.95	3 1-	4ACSR	0	0	1249	319	20	1	1	0.00	0.87	0
CO26528+	CO26527	5.02	1 1-	4ACSR	0	0	1232	317	11	0	1	0.00	0.87	0
CO26524+	CO26525	4.86	40 3-	1/0ACSR	1528	1437	1274	321	190	4	2	0.00	0.86	0
CO26523+	CO26524	4.89	38 3-	1/0ACSR	1523	1432	1269	321	176	3	2	0.00	0.86	0
CO26522+	CO26523	4.93	36 3-	1/0ACSR	1516	1425	1262	320	166	3	2	0.00	0.86	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26359+	CO26522	5.05	31 3-	1/0ACSR	1494	1405	1241	319	158	3	2	0.00	0.87	0
CO26360+	CO26359	5.11	28 3-	1/0ACSR	1484	1395	1230	318	128	2	1	0.00	0.87	0
CO26361+	CO26360	5.17	26 3-	1/0ACSR	1475	1386	1221	318	112	2	1	0.00	0.87	0
CO26383+	CO26361	5.24	0 1-	4ACSR	0	0	1204	316	0	0	0	0.00	0.87	0
CO26521+	CO26361	5.29	26 3-	1/0ACSR	1455	1367	1201	317	112	2	1	0.00	0.87	0
CO26520+	CO26521	5.33	26 3-	1/0ACSR	1448	1361	1195	316	112	2	1	0.00	0.87	0
CO26519+	CO26520	5.37	24 3-	1/0ACSR	1442	1355	1189	316	102	2	1	0.00	0.87	0
CO26436+	CO26519	5.48	21 3-	1/0ACSR	1423	1337	1170	315	92	2	1	0.00	0.88	0
CO26437+	CO26436	5.56	21 3-	1/0ACSR	1412	1326	1159	314	92	2	1	0.00	0.88	0
CO26362+	CO26437	5.60	19 3-	1/0ACSR	1406	1321	1153	314	86	1	1	0.00	0.88	0
CO26469+	CO26362	5.73	4 1-	4ACSR	0	0	1126	311	20	1	1	0.00	0.88	0
CO26382+	CO26469	5.82	1 1-	4ACSR	0	0	1110	310	7	0	0	0.00	0.88	0
CO26381+	CO26469	5.76	2 1-	4ACSR	0	0	1120	311	11	0	1	0.00	0.88	0
CO26468+	CO26469	5.81	1 1-	4ACSR	0	0	1110	310	2	0	0	0.00	0.88	0
CO26518+	CO26362	5.74	15 3-	1/0ACSR	1384	1300	1132	312	67	1	1	0.00	0.88	0
CO30383+	CO26518	6.17	15 3-	1/0ACSR	1324	1243	1074	308	67	1	1	0.01	0.89	0
CO26214+	CO30383	6.18	14 3-	1/0ACSR	1321	1241	1072	308	64	1	1	0.00	0.89	0
CO26212+	CO26214	6.28	2 1-	4ACSR	0	0	1055	307	11	0	1	0.00	0.89	0
CO26213+	CO26212	6.38	1 1-	4ACSR	0	0	1037	305	7	0	0	0.00	0.89	0
CO26216+	CO26214	6.28	11 3-	1/0ACSR	1308	1228	1060	307	52	1	1	0.00	0.89	0
CO26215+	CO26216	6.51	11 3-	1/0ACSR	1278	1200	1032	305	52	1	1	0.00	0.89	0
CO26217+	CO26215	6.52	1 1-	4ACSR	0	0	1029	305	7	0	0	0.00	0.89	0
CO26218+	CO26217	6.54	0 1-	4ACSR	0	0	1025	305	0	0	0	0.00	0.89	0
CO26134+	CO26215	6.58	10 3-	1/0ACSR	1269	1191	1023	305	45	1	0	0.00	0.89	0
CO26133+	CO26134	6.70	8 3-	1/0ACSR	1254	1178	1009	304	37	0	0	0.00	0.89	0
CO26198+	CO26133	6.88	1 1-	4ACSR	0	0	980	300	8	0	0	0.00	0.89	0
CO26135+	CO26133	6.79	7 3-	4ACSR	1237	1163	994	302	29	0	0	0.00	0.89	0
CO26136+	CO26135	6.94	3 1-	4ACSR	0	0	970	299	22	1	1	0.01	0.90	0
CO26164+	CO26136	7.02	2 1-	4ACSR	0	0	959	298	13	0	1	0.00	0.90	0
CO26163+	CO26136	7.15	1 1-	4ACSR	0	0	939	296	9	0	0	0.00	0.90	0
CO26221+	CO26135	6.89	1 1-	4ACSR	0	0	979	300	2	0	0	0.00	0.89	0
CO26222+	CO26221	7.11	1 1-	4ACSR	0	0	945	296	2	0	0	0.00	0.89	0
CO26223+	CO26222	7.21	1 1-	4ACSR	0	0	931	295	2	0	0	0.00	0.89	0
CO-1978532683+	CO26223	7.28	1 1-	4ACSR	0	0	920	294	2	0	0	0.00	0.89	0
CO26224+	CO26133	7.16	0 3-	1/0ACSR	1199	1126	958	300	0	0	0	0.00	0.89	0
CO26325+	CO26224	7.27	0 3-	1/0ACSR	1187	1115	947	299	0	0	0	0.00	0.89	0
OC808	CO26325	7.27	0 3-	100 E OCR	1187	1115	947	299	0	0	0	125.11	126.00	0
CO26219+	CO26134	6.62	1 1-	4ACSR	0	0	1016	304	8	0	0	0.00	0.89	0
CO26220+	CO26219	6.67	1 1-	4ACSR	0	0	1008	303	8	0	0	0.00	0.89	0
CO26165+	CO26134	6.65	1 1-	4ACSR	0	0	1011	303	0	0	0	0.00	0.89	0
CO26472+	CO26437	5.61	2 1-	4ACSR	0	0	1149	313	6	0	0	0.00	0.88	0
CO26471+	CO26472	5.65	1 1-	4ACSR	0	0	1140	312	6	0	0	0.00	0.88	0
CO26470+	CO26471	5.80	1 1-	4ACSR	0	0	1110	310	6	0	0	0.00	0.88	0
CO26474+	CO26519	5.42	2 1-	4ACSR	0	0	1176	315	9	0	0	0.00	0.88	0
CO26473+	CO26474	5.48	2 1-	4ACSR	0	0	1164	314	9	0	0	0.00	0.88	0
CO26384+	CO26360	5.19	1 1-	4ACSR	0	0	1213	317	9	0	0	0.00	0.87	0
CO26476+	CO26359	5.12	1 1-	4ACSR	0	0	1223	317	7	0	0	0.00	0.87	0
CO26475+	CO26476	5.16	1 1-	4ACSR	0	0	1214	317	7	0	0	0.00	0.87	0
CO26479+	CO26522	4.97	4 1-	4ACSR	0	0	1251	319	1	0	0	0.00	0.86	0
CO26478+	CO26479	5.04	4 1-	4ACSR	0	0	1235	318	1	0	0	0.00	0.86	0
CO26477+	CO26478	5.10	1 1-	4ACSR	0	0	1221	317	0	0	0	0.00	0.86	0
CO26390+	CO26364	4.46	2 1-	4ACSR	0	0	1347	324	0	0	0	0.00	0.82	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26389+	CO26364	4.47	1 1-	4ACSR	0	0	1345	324	8	0	0	0.00	0.82	0
CO16785+	CO16741	3.73	1 1-	4ACSR	0	0	1505	331	0	0	0	0.00	0.59	0
CO16748+	CO16716	3.15	0 1-	4ACSR	0	0	1662	338	0	0	0	0.00	0.43	0
CO16717+	CO-1958371091	3.09	21 3-	1/0ACSR	1904	1815	1683	339	141	3	1	0.00	0.40	0
CO16903+	CO16717	3.15	2 1-	4ACSR	0	0	1658	337	14	0	1	0.00	0.40	0
CO16902+	CO16903	3.18	1 1-	4ACSR	0	0	1648	337	10	0	0	0.00	0.40	0
CO16750+	CO16903	3.21	1 1-	4ACSR	0	0	1637	336	4	0	0	0.00	0.40	0
CO16798+	CO16717	3.10	19 3-	1/0ACSR	1902	1812	1680	339	126	2	1	0.00	0.40	0
CO16800+	CO16798	3.11	17 3-	1/0ACSR	1898	1808	1676	338	114	2	1	0.00	0.40	0
CO16799+	CO16800	3.18	17 3-	1/0ACSR	1881	1790	1656	338	114	2	1	0.00	0.40	0
CO16751+	CO16799	3.21	3 1-	4ACSR	0	0	1645	337	17	1	1	0.00	0.40	0
CO16718+	CO16799	3.28	14 3-	1/0ACSR	1857	1766	1629	337	97	2	1	0.00	0.41	0
CO16802+	CO16718	3.28	11 3-	1/0ACSR	1856	1764	1627	337	63	1	1	0.00	0.41	0
CO1346362530+	CO16802	3.42	0 3-	1/0ACSR	1822	1729	1589	335	0	0	0	0.00	0.41	0
CO16801+	CO16802	3.36	10 3-	1/0ACSR	1838	1746	1607	336	63	1	1	0.00	0.41	0
CO16719+	CO16801	3.45	8 3-	1/0ACSR	1816	1722	1581	335	57	1	1	0.00	0.41	0
CO16720+	CO16719	3.69	4 3-	1/0ACSR	1761	1666	1521	332	35	0	0	0.00	0.41	0
CO16804+	CO16720	3.84	2 3-	1/0ACSR	1728	1631	1484	331	18	0	0	0.00	0.41	0
CO16803+	CO16804	3.93	0 3-	1/0ACSR	1707	1612	1462	330	0	0	0	0.00	0.41	0
CO16975+	CO16803	3.94	0 1-	6ACWC	0	0	1460	330	0	0	0	0.00	0.41	0
SW524-A+	CO16975	3.94	0 1-	Open	0	0	1460	330	0	0	0	0.00	0.41	0
CO16721+	CO16803	3.98	0 3-	1/0ACSR	1698	1603	1452	330	0	0	0	0.00	0.41	0
CO16752+	CO16721	4.01	0 1-	4ACSR	0	0	1443	329	0	0	0	0.00	0.41	0
CO16805+	CO16721	4.08	0 3-	1/0ACSR	1676	1581	1429	328	0	0	0	0.00	0.41	0
CO16807+	CO16805	4.18	0 3-	1/0ACSR	1655	1560	1406	327	0	0	0	0.00	0.41	0
SW236-A+	CO16807	4.18	0 3-	Closed	1655	1560	1406	327	0	0	0	0.00	0.41	0
SW236-B+	SW236-A	4.18	0 3-	Closed	1655	1560	1406	327	0	0	0	0.00	0.41	0
CO16787+	CO16720	3.77	1 1-	2ACSR	0	0	1498	331	7	0	0	0.00	0.41	0
CO16753+	CO16720	3.74	0 1-	4ACSR	0	0	1503	331	0	0	0	0.00	0.41	0
CO16911+	CO16719	3.52	2 1-	4ACSR	0	0	1557	333	16	1	1	0.00	0.41	0
CO16910+	CO16911	3.58	1 1-	4ACSR	0	0	1538	332	5	0	0	0.00	0.41	0
CO16754+	CO16801	3.41	2 1-	4ACSR	0	0	1587	335	7	0	0	0.00	0.41	0
CO16788+	CO16802	3.31	1 1-	4ACSR	0	0	1618	336	0	0	0	0.00	0.41	0
CO16909+	CO16718	3.31	0 3-	2ACSR	1848	1755	1618	336	0	0	0	0.00	0.41	0
CO16908+	CO16909	3.33	0 3-	2ACSR	1842	1749	1611	336	0	0	0	0.00	0.41	0
CO16907+	CO16718	3.37	0 3-	2ACSR	1832	1738	1599	335	0	0	0	0.00	0.41	0
CO16906+	CO16907	3.39	0 3-	2ACSR	1827	1733	1594	335	0	0	0	0.00	0.41	0
CO16905+	CO16718	3.39	3 1-	4ACSR	0	0	1588	334	34	2	2	0.00	0.41	0
CO16904+	CO16905	3.47	1 1-	4ACSR	0	0	1559	332	11	0	1	0.00	0.41	0
CO-241663545+	CO-835374848	2.91	0 1-	2ACSR	0	0	1721	339	0	0	0	0.00	0.38	0
CO26540+	CO-976224559	2.91	3 1-	4ACSR	0	0	1701	337	31	2	1	0.01	0.37	0
CO26541+	CO26540	2.97	2 1-	4ACSR	0	0	1677	336	18	1	1	0.00	0.37	0
CO26461+	CO26541	3.06	1 1-	4ACSR	0	0	1641	334	8	0	0	0.00	0.37	0
CO26371+	CO-976224559	2.95	1 1-	4ACSR	0	0	1684	336	1	0	0	0.00	0.36	0
CO-1382980943+	CO1095957714	2.70	0 1-	2ACSR	0	0	1766	340	0	0	0	0.00	0.35	0
CO26354+	CO26352	2.25	2 1-	4ACSR	0	0	1888	343	3	0	0	0.00	0.30	0
CO26424+	CO26354	2.27	2 1-	4ACSR	0	0	1881	342	3	0	0	0.00	0.30	0
CO26423+	CO26424	2.57	2 1-	4ACSR	0	0	1745	336	3	0	0	0.00	0.30	0
CO26422+	CO26423	2.60	1 1-	4ACSR	0	0	1735	335	0	0	0	0.00	0.30	0
CO26421+	CO26422	2.67	1 1-	4ACSR	0	0	1704	334	0	0	0	0.00	0.30	0
CO26373+	CO26354	2.29	0 1-	4ACSR	0	0	1870	342	0	0	0	0.00	0.30	0
CO-330911433+	CO26500	2.03	1 1-	336ACSR	0	0	1959	344	10	0	0	0.00	0.26	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO704003164+	CO-330911433	2.07	1 1-	2ACSR	0	0	1939	343	10	0	0	0.00	0.26	0
CO498542498+	CO-330911433	2.49	0 1-	336ACSR	0	0	1833	342	0	0	0	0.00	0.26	0
CO26552+	CO498542498	2.79	0 1-	336ACSR	0	0	1758	340	0	0	0	0.00	0.26	0
CO26553+	CO26552	2.80	0 1-	4ACSR	0	0	1755	340	0	0	0	0.00	0.26	0
SW818-A+	CO26553	2.80	0 1-	Open	0	0	1755	340	0	0	0	0.00	0.26	0
CO26490+	CO26414	1.66	2 1-	2ACSR	0	0	2070	346	0	0	0	0.00	0.22	0
CO26489+	CO26490	1.72	1 1-	2ACSR	0	0	2043	345	0	0	0	0.00	0.22	0
CO26488+	CO26489	1.78	1 1-	2ACSR	0	0	2016	344	0	0	0	0.00	0.22	0
CO26487+	CO26488	1.93	1 1-	2ACSR	0	0	1947	342	0	0	0	0.00	0.22	0
CO26398+	CO26487	1.95	1 1-	1/0PRIURD	0	0	1938	797	0	0	0	0.00	0.22	0
CO26492+	CO26398	2.00	1 1-	2ACSR	0	0	1918	341	0	0	0	0.00	0.22	0
CO26491+	CO26492	2.16	0 1-	2ACSR	0	0	1849	338	0	0	0	0.00	0.22	0
CO26400+	CO26426	1.50	1 1-	4ACSR	0	0	2116	346	1	0	0	0.00	0.20	0
CO26463+	CO26426	1.55	2 1-	4ACSR	0	0	2090	345	8	0	0	0.00	0.20	0
CO26462+	CO26463	1.59	0 1-	4ACSR	0	0	2066	344	0	0	0	0.00	0.20	0
OH197+	SNOW HILL	0.02	240 3-	336ACSR	2655	2818	2803	354	2032	44	9	0.00	0.00	5
OCD233+	OH197	0.02	240 3-	560 200WVE	2655	2818	2803	354	2032	44	8	0.00	0.00	0
OH198+	OCD233	0.06	240 3-	336ACSR	2639	2792	2776	353	2032	44	9	0.00	0.01	17
OH199+	OH198	0.09	240 3-	336ACSR	2630	2776	2760	353	2032	44	9	0.00	0.01	10
CO25140+	OH199	0.14	4 3-	4ACSR	2605	2733	2718	352	9	0	0	0.00	0.01	0
CO25139+	CO25140	0.18	3 3-	4ACSR	2580	2691	2677	351	6	0	0	0.00	0.01	0
CO25039+	CO25139	0.26	2 1-	4ACSR	0	0	2611	349	4	0	0	0.00	0.01	0
CO25085+	CO25139	0.22	0 3-	4ACSR	2559	2659	2644	350	0	0	0	0.00	0.01	0
CO24999+	OH199	0.12	236 3-	1/0ACSR	2616	2753	2737	353	2023	44	19	0.01	0.02	35
CO25188+	CO24999	0.16	4 1-	4ACSR	0	0	2706	352	19	1	1	0.00	0.02	0
CO25187+	CO25188	0.21	4 1-	4ACSR	0	0	2655	351	19	1	1	0.00	0.02	0
CO25052+	CO25187	0.25	2 1-	2ACSR	0	0	2629	350	5	0	0	0.00	0.02	0
CO25118+	CO25187	0.27	1 1-	4ACSR	0	0	2606	350	5	0	0	0.00	0.02	0
CO24998+	CO24999	0.21	232 3-	1/0ACSR	2576	2688	2672	352	2004	44	19	0.03	0.05	101
CO25203+	CO24998	0.22	1 1-	4ACSR	0	0	2667	352	19	1	1	0.00	0.05	0
OC753+	CO25203	0.22	1 1-	10 H OCR	0	0	2667	352	19	1	12	0.00	0.05	0
CO25204+	OC753	0.27	1 1-	4ACSR	0	0	2625	351	19	1	1	0.00	0.05	0
CO30352+	CO24998	0.29	231 3-	1/0ACSR	2541	2634	2617	351	1986	43	19	0.03	0.07	88
CO26495+	CO30352	0.34	231 3-	1/0ACSR	2519	2599	2582	351	1985	43	19	0.02	0.09	58
CO26494+	CO26495	0.47	231 3-	1/0ACSR	2467	2523	2502	349	1985	43	19	0.04	0.13	135
CO26493+	CO26494	0.59	231 3-	1/0ACSR	2416	2452	2426	348	1984	43	19	0.04	0.17	135
CO26403+	CO26493	0.66	1 1-	2ACSR	0	0	2379	347	0	0	0	0.00	0.17	0
CO30594+	CO26493	0.72	229 3-	1/0ACSR	2364	2380	2348	347	1977	43	19	0.04	0.21	145
CO16857+	CO30594	0.81	227 3-	1/0ACSR	2331	2337	2300	346	1960	43	19	0.03	0.24	91
CO16858+	CO16857	1.17	226 3-	1/0ACSR	2200	2172	2116	342	1951	43	19	0.11	0.35	383
CO16856+	CO16858	1.20	226 3-	1/0ACSR	2187	2156	2098	342	1949	43	19	0.01	0.37	40
CO16726+	CO16856	1.37	226 3-	1/0ACSR	2132	2091	2025	340	1949	43	19	0.05	0.42	172
CO16854+	CO16726	1.51	224 3-	1/0ACSR	2086	2038	1964	338	1945	43	19	0.04	0.46	151
CO30674+	CO16854	1.64	224 3-	1/0ACSR	2044	1990	1910	337	1944	43	19	0.04	0.50	142
CO16852+	CO30674	1.71	223 3-	1/0ACSR	2024	1968	1884	336	1937	43	19	0.02	0.53	72
CO16853+	CO16852	1.84	223 3-	1/0ACSR	1984	1924	1834	335	1937	43	19	0.05	0.58	143
CO16765+	CO16853	1.90	1 1-	4ACSR	0	0	1804	334	8	0	0	0.00	0.58	0
CO16965+	CO16853	1.97	222 3-	1/0ACSR	1947	1884	1789	334	1929	43	19	0.05	0.62	135
OC523+	CO16965	1.97	222 3-	70 L OCR	1947	1884	1789	334	1928	43	62	0.00	0.62	0
CO16964+	OC523	1.97	222 3-	1/0ACSR	1946	1882	1786	334	1928	43	19	0.00	0.62	7
CO16808+	CO16964	2.23	31 3-	1/0ACSR	1875	1807	1701	331	393	8	4	0.02	0.64	11

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16809+	CO16808	2.28	31 3-	1/0ACSR	1861	1792	1684	331	393	8	4	0.00	0.65	2
CO16811+	CO16809	2.40	31 3-	1/0ACSR	1831	1760	1648	330	393	8	4	0.01	0.66	5
CO16810+	CO16811	2.54	29 3-	1/0ACSR	1795	1723	1606	328	384	8	4	0.01	0.67	6
CO16722+	CO16810	2.62	0 3-	1/0ACSR	1776	1704	1585	327	0	0	0	0.00	0.67	0
CO16806+	CO16722	2.79	0 3-	1/0ACSR	1736	1662	1538	326	0	0	0	0.00	0.67	0
CO16972+	CO16810	2.55	29 3-	1/0ACSR	1793	1721	1604	328	384	8	4	0.00	0.67	0
OC522+	CO16972	2.55	29 3-	25 H OCR	1793	1721	1604	328	384	8	34	0.00	0.67	0
CO16973+	OC522	2.66	29 3-	1/0ACSR	1765	1692	1572	327	384	8	4	0.01	0.68	5
CO16813+	CO16973	2.85	29 3-	1/0ACSR	1721	1647	1521	325	384	8	4	0.01	0.69	8
CO16812+	CO16813	2.98	29 3-	1/0ACSR	1691	1616	1487	324	384	8	4	0.01	0.70	6
CO16724+	CO16812	3.04	9 3-	4ACSR	1674	1601	1470	323	295	6	5	0.01	0.71	3
CO16913+	CO16724	3.07	3 1-	4ACSR	0	0	1457	322	13	0	1	0.00	0.71	0
CO16912+	CO16913	3.09	1 1-	4ACSR	0	0	1450	322	9	0	0	0.00	0.71	0
CO16825+	CO16724	3.13	6 3-	4ACSR	1644	1573	1438	321	282	6	5	0.01	0.72	5
CO16828+	CO16825	3.19	5 3-	4ACSR	1626	1556	1419	320	282	6	5	0.01	0.72	3
CO16826+	CO16828	3.39	5 3-	4ACSR	1566	1499	1356	316	282	6	5	0.02	0.75	12
CO16827+	CO16826	3.54	5 3-	4ACSR	1522	1459	1312	313	282	6	5	0.02	0.77	9
CO16824+	CO16827	3.58	5 3-	4ACSR	1510	1448	1301	312	282	6	5	0.00	0.77	2
CO16823+	CO16824	3.77	5 3-	4ACSR	1456	1397	1247	309	282	6	5	0.02	0.80	11
CO16758+	CO16823	3.82	2 1-	4ACSR	0	0	1235	308	6	0	0	0.00	0.80	0
CO16896+	CO16823	3.89	3 3-	4/0ACSR	1440	1382	1231	308	276	6	2	0.00	0.80	0
CO16959+	CO16896	3.94	1 1-	2ACSR	0	0	1221	308	5	0	0	0.00	0.80	0
CO16963+	CO16959	3.98	1 1-	2ACSR	0	0	1213	307	5	0	0	0.00	0.80	0
CO16960+	CO16963	4.04	1 1-	2ACSR	0	0	1200	306	5	0	0	0.00	0.80	0
CO16962+	CO16960	4.17	1 1-	2ACSR	0	0	1174	305	5	0	0	0.00	0.80	0
CO16961+	CO16962	4.22	1 1-	2ACSR	0	0	1164	304	5	0	0	0.00	0.80	0
CO16895+	CO16896	3.95	2 3-	4/0ACSR	1432	1374	1222	308	271	6	2	0.00	0.80	0
250552023+	CO16895	4.00	1 3-	4/0ACSR	1426	1368	1215	308	265	5	2	0.00	0.80	0
CO16757+	CO16895	3.97	1 1-	4ACSR	0	0	1217	308	6	0	0	0.00	0.80	0
CO16830+	CO16812	3.09	8 1-	1/0ACSR	0	0	1462	323	44	2	1	0.00	0.70	0
CO16829+	CO16830	3.14	7 1-	1/0ACSR	0	0	1450	322	41	2	1	0.00	0.70	0
CO1334882040+	CO16829	3.19	1 1-	2ACSR	0	0	1437	322	2	0	0	0.00	0.70	0
CO16760+	CO16829	3.23	2 1-	4ACSR	0	0	1420	321	5	0	0	0.00	0.70	0
CO16831+	CO16829	3.25	4 1-	1/0ACSR	0	0	1424	321	34	2	1	0.00	0.71	0
CO16833+	CO16831	3.27	4 1-	1/0ACSR	0	0	1419	321	34	2	1	0.00	0.71	0
CO16832+	CO16833	3.33	3 1-	1/0ACSR	0	0	1406	321	24	1	1	0.00	0.71	0
CO16761+	CO16832	3.37	2 1-	4ACSR	0	0	1394	320	17	1	1	0.00	0.71	0
CO16836+	CO16832	3.41	1 1-	1/0ACSR	0	0	1390	320	7	0	0	0.00	0.71	0
CO16835+	CO16836	3.51	1 1-	1/0ACSR	0	0	1368	319	7	0	0	0.00	0.71	0
CO16834+	CO16835	3.54	0 1-	1/0ACSR	0	0	1361	319	0	0	0	0.00	0.71	0
CO16976+	CO16834	3.67	0 1-	1/0ACSR	0	0	1334	317	0	0	0	0.00	0.71	0
SW525-B+	CO16976	3.67	0 1-	Open	0	0	1334	317	0	0	0	0.00	0.71	0
CO16815+	CO16812	3.01	12 1-	6ACWC	0	0	1480	323	45	3	2	0.00	0.70	0
CO16814+	CO16815	3.05	12 1-	6ACWC	0	0	1466	323	45	3	2	0.00	0.70	0
CO16759+	CO16814	3.07	0 1-	4ACSR	0	0	1460	322	0	0	0	0.00	0.70	0
CO16818+	CO16814	3.10	12 1-	6ACWC	0	0	1449	322	45	3	2	0.00	0.71	0
CO16819+	CO16818	3.15	11 1-	6ACWC	0	0	1432	321	43	2	2	0.00	0.71	0
CO-1823165757+	CO16819	3.20	10 1-	2ACSR	0	0	1419	320	33	2	1	0.00	0.71	0
CO-626540091+	CO-1823165757	3.33	8 1-	2ACSR	0	0	1384	318	24	1	1	0.00	0.71	0
CO16816+	CO-626540091	3.35	8 1-	6ACWC	0	0	1378	318	24	1	1	0.00	0.71	0
CO16723+	CO16816	3.41	5 1-	6ACWC	0	0	1361	317	12	0	1	0.00	0.72	0
CO16755+	CO16723	3.50	3 1-	6ACWC	0	0	1333	315	9	0	0	0.00	0.72	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16822+	CO16723	3.53	2 1-	6ACWC	0	0	1323	314	3	0	0	0.00	0.72	0
CO16820+	CO16822	3.55	0 1-	6ACWC	0	0	1318	314	0	0	0	0.00	0.72	0
CO16821+	CO16820	3.69	0 1-	6ACWC	0	0	1280	311	0	0	0	0.00	0.72	0
CO16974+	CO16821	3.71	0 1-	6ACWC	0	0	1273	311	0	0	0	0.00	0.72	0
SW524-B+	CO16974	3.71	0 1-	Open	0	0	1273	311	0	0	0	0.00	0.72	0
CO16756+	CO16816	3.46	1 1-	6ACWC	0	0	1346	316	3	0	0	0.00	0.71	0
CO-1657767409+	CO-1823165757	3.23	2 1-	2ACSR	0	0	1409	319	9	0	0	0.00	0.71	0
CO-385362941+	CO-1657767409	3.26	1 1-	2ACSR	0	0	1403	319	7	0	0	0.00	0.71	0
CO-998353101+	CO-385362941	3.29	1 1-	2ACSR	0	0	1396	319	7	0	0	0.00	0.71	0
CO16725+	CO16964	1.99	191 3-	1/0ACSR	1939	1875	1779	334	1535	34	15	0.01	0.63	15
CO16763+	CO16725	2.09	3 1-	4ACSR	0	0	1735	332	65	4	3	0.00	0.64	0
CO16850+	CO16725	2.01	6 1-	4ACSR	0	0	1770	333	31	2	1	0.00	0.63	0
CO16849+	CO16850	2.05	6 1-	4ACSR	0	0	1754	332	31	2	1	0.00	0.63	0
CO16764+	CO16849	2.17	0 1-	4ACSR	0	0	1699	330	0	0	0	0.00	0.63	0
CO16851+	CO16849	2.10	6 1-	4ACSR	0	0	1730	331	31	2	1	0.00	0.64	0
CO17240+	CO16851	2.24	5 1-	4ACSR	0	0	1669	329	31	2	1	0.01	0.64	0
CO14724+	CO17240	2.33	5 1-	4ACSR	0	0	1627	327	31	2	1	0.00	0.65	0
CO14734+	CO14724	2.39	1 1-	4ACSR	0	0	1604	325	8	0	0	0.00	0.65	0
CO14723+	CO14724	2.39	4 1-	4ACSR	0	0	1604	325	23	1	1	0.00	0.65	0
CO14748+	CO14723	2.42	1 1-	1/0PRIURD	0	0	1595	710	11	0	1	0.00	0.65	0
CO14747+	CO14723	2.44	2 1-	1/0PRIURD	0	0	1590	709	11	0	0	0.00	0.65	0
CO14722+	CO14723	2.61	1 1-	4ACSR	0	0	1518	321	1	0	0	0.00	0.65	0
CO14733+	CO14722	2.77	0 1-	4ACSR	0	0	1461	318	0	0	0	0.00	0.65	0
CO14721+	CO14722	2.67	1 1-	4ACSR	0	0	1497	320	1	0	0	0.00	0.65	0
CO14780+	CO14721	2.70	1 1-	4ACSR	0	0	1485	319	1	0	0	0.00	0.65	0
CO14781+	CO14780	2.79	1 1-	4ACSR	0	0	1452	318	1	0	0	0.00	0.65	0
CO14779+	CO14780	2.90	0 1-	4ACSR	0	0	1415	316	0	0	0	0.00	0.65	0
CO14720+	CO14721	3.08	0 1-	4ACSR	0	0	1354	312	0	0	0	0.00	0.65	0
CO14735+	CO17240	2.27	0 1-	4ACSR	0	0	1655	328	0	0	0	0.00	0.64	0
CO16847+	CO16725	2.06	182 3-	1/0ACSR	1920	1855	1755	333	1439	32	14	0.02	0.65	41
CO16848+	CO16847	2.16	182 3-	1/0ACSR	1894	1827	1724	332	1439	32	14	0.03	0.68	57
CO16977+	CO16848	2.16	0 1-	1/0ACSR	0	0	1722	332	0	0	0	0.00	0.68	0
SW525-A+	CO16977	2.16	0 1-	Open	0	0	1722	332	0	0	0	0.00	0.68	0
CO16838+	CO16848	2.25	179 3-	1/0ACSR	1869	1800	1693	331	885	19	9	0.02	0.69	21
CO16837+	CO16838	2.30	177 3-	1/0ACSR	1856	1786	1678	330	880	19	9	0.01	0.70	11
CO16839+	CO16837	2.37	176 3-	1/0ACSR	1837	1766	1655	330	866	19	8	0.01	0.71	16
CO16915+	CO16839	2.40	2 1-	4ACSR	0	0	1643	329	8	0	0	0.00	0.71	0
CO16914+	CO16915	2.43	2 1-	4ACSR	0	0	1631	329	8	0	0	0.00	0.71	0
CO16841+	CO16839	2.43	174 3-	1/0ACSR	1822	1751	1638	329	858	19	8	0.01	0.72	11
CO16840+	CO16841	2.49	173 3-	1/0ACSR	1808	1736	1621	329	796	17	8	0.01	0.73	10
CO16842+	CO16840	2.69	170 3-	1/0ACSR	1758	1685	1564	327	785	17	8	0.03	0.76	36
CO16844+	CO16842	2.77	166 3-	1/0ACSR	1739	1665	1542	326	777	17	8	0.01	0.77	14
CO16843+	CO16844	2.93	165 3-	1/0ACSR	1703	1629	1501	324	758	17	7	0.02	0.79	26
CO16968+	CO16843	2.94	4 1-	4ACSR	0	0	1499	324	13	0	1	0.00	0.79	0
OC517+	CO16968	2.94	4 1-	10 N FUSE	0	0	1499	324	13	0	9	0.00	0.79	0
CO16969+	OC517	3.14	4 1-	4ACSR	0	0	1430	320	13	0	1	0.00	0.80	0
CO16762+	CO16969	3.38	0 1-	4ACSR	0	0	1352	316	0	0	0	0.00	0.80	0
CO17246+	CO16969	3.37	4 1-	4ACSR	0	0	1357	316	13	0	1	0.00	0.80	0
CO16290+	CO17246	3.50	1 1-	4ACSR	0	0	1317	313	0	0	0	0.00	0.80	0
CO16273+	CO17246	3.40	3 1-	4ACSR	0	0	1347	315	13	0	1	0.00	0.80	0
CO16272+	CO16273	3.49	3 1-	4ACSR	0	0	1322	314	13	0	1	0.00	0.80	0
CO16380+	CO16272	3.51	1 1-	4ACSR	0	0	1314	313	4	0	0	0.00	0.80	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16381+	CO16380	3.58	0 1-	4ACSR	0	0	1295	312	0	0	0	0.00	0.80	0
CO16382+	CO16381	3.67	0 1-	4ACSR	0	0	1269	310	0	0	0	0.00	0.80	0
CO16383+	CO16382	3.96	0 1-	4ACSR	0	0	1195	305	0	0	0	0.00	0.80	0
CO16384+	CO16383	4.09	0 1-	4ACSR	0	0	1162	303	0	0	0	0.00	0.80	0
CO16291+	CO16272	3.51	2 1-	4ACSR	0	0	1315	313	9	0	0	0.00	0.80	0
CO16461+	CO16273	3.83	0 1-	4ACSR	0	0	1227	307	0	0	0	0.00	0.80	0
CO16462+	CO16461	3.84	0 1-	4ACSR	0	0	1226	307	0	0	0	0.00	0.80	0
CO17247+	CO16843	3.13	160 3-	1/0ACSR	1659	1584	1452	322	744	16	7	0.03	0.82	32
CO17234+	CO17247	3.23	160 3-	1/0ACSR	1638	1563	1429	321	744	16	7	0.01	0.84	16
CO14719+	CO17234	3.24	160 3-	750 MCM - 42 Wi	1637	1562	1428	321	743	16	1	0.00	0.84	0
OC427+	CO14719	3.24	152 3-	50 H OCR	1637	1562	1428	321	700	15	31	0.00	0.84	0
CO14650+	OC427	3.31	152 3-	1/0ACSR	1623	1548	1412	321	700	15	7	0.01	0.84	10
CO14649+	CO14650	3.51	152 3-	1/0ACSR	1582	1507	1367	319	700	15	7	0.03	0.87	29
CO14567+	CO14649	3.56	3 1-	4ACSR	0	0	1351	318	16	1	1	0.00	0.87	0
CO14716+	CO14567	3.57	0 1-	4ACSR	0	0	1349	318	0	0	0	0.00	0.87	0
CO14715+	CO14567	3.57	0 1-	4ACSR	0	0	1349	318	0	0	0	0.00	0.87	0
CO14685+	CO14567	3.62	3 1-	4ACSR	0	0	1335	317	16	1	1	0.00	0.87	0
CO14687+	CO14685	3.68	0 1-	4ACSR	0	0	1319	316	0	0	0	0.00	0.87	0
CO14686+	CO14687	3.75	0 1-	4ACSR	0	0	1298	314	0	0	0	0.00	0.87	0
CO14684+	CO14685	3.63	2 1-	4ACSR	0	0	1332	317	10	0	0	0.00	0.87	0
CO14682+	CO14684	3.67	1 1-	4ACSR	0	0	1322	316	0	0	0	0.00	0.87	0
CO14683+	CO14682	3.72	1 1-	4ACSR	0	0	1307	315	0	0	0	0.00	0.87	0
CO14648+	CO14649	3.78	149 3-	1/0ACSR	1529	1455	1311	316	684	15	7	0.04	0.91	37
CO14647+	CO14648	3.79	149 3-	1/0ACSR	1527	1454	1310	316	684	15	7	0.00	0.91	0
CO14569+	CO14647	3.95	67 1-	2ACSR	0	0	1275	314	294	19	11	0.05	0.96	22
CO14645+	CO14569	4.04	67 1-	4ACSR	0	0	1252	312	294	19	14	0.04	1.00	19
CO14646+	CO14645	4.14	67 1-	4ACSR	0	0	1226	311	294	19	14	0.04	1.04	21
CO14710+	CO14646	4.15	0 1-	4ACSR	0	0	1224	311	0	0	0	0.00	1.04	0
CO14707+	CO14646	4.15	66 1-	4ACSR	0	0	1224	311	293	19	14	0.00	1.04	0
OC424+	CO14707	4.15	66 1-	25 H OCR	0	0	1224	311	293	19	79	0.00	1.04	0
CO14708+	OC424	4.20	66 1-	4ACSR	0	0	1211	310	293	19	14	0.02	1.07	11
CO14629+	CO14708	4.33	65 1-	4ACSR	0	0	1179	307	288	19	14	0.06	1.12	27
CO14633+	CO14629	4.40	63 1-	4ACSR	0	0	1165	306	286	19	14	0.03	1.15	12
CO14631+	CO14633	4.45	62 1-	4ACSR	0	0	1153	305	277	18	13	0.02	1.17	9
CO14630+	CO14631	4.72	60 1-	4ACSR	0	0	1094	300	272	18	13	0.11	1.28	49
CO14632+	CO14630	4.83	60 1-	4ACSR	0	0	1071	298	272	18	13	0.05	1.33	21
CO14583+	CO14632	4.87	1 1-	4ACSR	0	0	1063	298	12	0	1	0.00	1.33	0
CO14582+	CO14632	4.93	1 1-	4ACSR	0	0	1052	297	4	0	0	0.00	1.33	0
CO14635+	CO14632	4.88	58 1-	4ACSR	0	0	1062	298	256	17	12	0.02	1.35	7
CO14634+	CO14635	5.03	57 1-	4ACSR	0	0	1032	295	243	16	12	0.06	1.40	21
CO14636+	CO14634	5.15	56 1-	4ACSR	0	0	1010	293	226	15	11	0.04	1.44	15
CO14640+	CO14636	5.27	34 1-	4ACSR	0	0	988	291	142	9	7	0.03	1.47	6
CO14639+	CO14640	5.42	33 1-	4ACSR	0	0	964	289	139	9	7	0.03	1.50	7
CO14680+	CO14639	5.54	2 1-	4ACSR	0	0	944	287	15	1	1	0.00	1.50	0
CO14679+	CO14680	5.62	1 1-	4ACSR	0	0	931	285	2	0	0	0.00	1.50	0
CO14681+	CO14679	5.65	1 1-	4ACSR	0	0	927	285	2	0	0	0.00	1.50	0
CO14642+	CO14639	5.61	30 1-	4ACSR	0	0	932	286	115	7	6	0.03	1.53	6
CO14644+	CO14642	5.66	29 1-	4ACSR	0	0	925	285	109	7	5	0.01	1.54	0
CO14643+	CO14644	5.83	26 1-	4ACSR	0	0	898	282	98	6	5	0.02	1.57	4
CO-365852814+	CO14643	5.92	25 1-	2ACSR	0	0	888	281	88	5	3	0.01	1.57	0
OC-2048884282+	CO-365852814	5.92	25 1-	20 N FUSE	0	0	888	281	88	5	30	0.00	1.57	0
CO-1840611326+	OC-2048884282	5.97	24 1-	2ACSR	0	0	883	281	87	5	3	0.00	1.58	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14566+	CO-1840611326	6.42	2 1-	4ACSR	0	0	822	274	4	0	0	0.00	1.58	0
CO14565+	CO-1840611326	6.15	22 1-	4ACSR	0	0	858	278	82	5	4	0.02	1.60	3
CO14587+	CO14565	6.24	1 1-	4ACSR	0	0	845	277	2	0	0	0.00	1.60	0
CO14696+	CO14565	6.18	21 1-	4ACSR	0	0	853	277	80	5	4	0.00	1.60	0
CO14695+	CO14696	6.32	20 1-	4ACSR	0	0	836	276	77	5	4	0.02	1.62	0
CO14697+	CO14695	6.43	19 1-	4ACSR	0	0	822	274	75	5	4	0.01	1.63	0
CO14555+	CO14697	6.77	17 1-	4ACSR	0	0	781	269	66	4	3	0.03	1.67	4
CO14557+	CO14555	6.89	9 1-	4ACSR	0	0	768	267	47	3	2	0.01	1.67	0
CO14558+	CO14557	7.09	7 1-	4ACSR	0	0	746	265	33	2	2	0.01	1.68	0
CO14610+	CO14558	7.22	7 1-	4ACSR	0	0	732	263	33	2	2	0.01	1.69	0
CO14607+	CO14610	7.31	6 1-	4ACSR	0	0	724	262	30	2	1	0.00	1.69	0
CO14609+	CO14607	7.37	6 1-	4ACSR	0	0	717	261	30	2	1	0.00	1.70	0
CO14608+	CO14609	7.43	6 1-	4ACSR	0	0	712	260	30	2	1	0.00	1.70	0
CO14670+	CO14608	7.56	2 1-	4ACSR	0	0	699	258	15	0	1	0.00	1.70	0
CO14672+	CO14670	7.65	2 1-	4ACSR	0	0	692	257	15	0	1	0.00	1.70	0
CO14671+	CO14672	7.74	1 1-	4ACSR	0	0	683	256	8	0	0	0.00	1.70	0
CO14669+	CO14608	7.54	4 1-	4ACSR	0	0	701	259	15	1	1	0.00	1.70	0
CO14666+	CO14669	7.60	3 1-	4ACSR	0	0	696	258	8	0	0	0.00	1.70	0
CO14668+	CO14666	7.68	2 1-	4ACSR	0	0	689	257	8	0	0	0.00	1.70	0
CO14667+	CO14668	7.79	2 1-	4ACSR	0	0	679	255	8	0	0	0.00	1.70	0
CO14691+	CO14667	7.87	1 1-	2ACSR	0	0	673	255	7	0	0	0.00	1.71	0
CO14690+	CO14691	7.95	1 1-	2ACSR	0	0	668	254	7	0	0	0.00	1.71	0
CO14573+	CO14558	7.16	0 1-	4ACSR	0	0	739	264	0	0	0	0.00	1.68	0
CO14574+	CO14557	7.00	1 1-	4ACSR	0	0	756	266	3	0	0	0.00	1.67	0
CO14599+	CO14555	6.87	8 1-	4ACSR	0	0	770	268	19	1	1	0.00	1.67	0
CO-316220308+	CO14599	6.92	7 1-	2ACSR	0	0	765	267	14	0	1	0.00	1.67	0
CO202441670+	CO-316220308	7.07	1 1-	2ACSR	0	0	752	266	5	0	0	0.00	1.67	0
CO1076478717+	CO-316220308	7.07	6 1-	2ACSR	0	0	752	266	9	0	0	0.00	1.67	0
CO14598+	CO1076478717	7.23	6 1-	4ACSR	0	0	736	264	9	0	0	0.00	1.67	0
CO14597+	CO14598	7.47	6 1-	4ACSR	0	0	712	260	9	0	0	0.00	1.68	0
CO14570+	CO14597	7.58	0 1-	4ACSR	0	0	702	259	0	0	0	0.00	1.68	0
CO14556+	CO14597	7.60	6 1-	4ACSR	0	0	701	259	9	0	0	0.00	1.68	0
CO14600+	CO14556	7.68	4 1-	4ACSR	0	0	693	258	7	0	0	0.00	1.68	0
CO14606+	CO14600	7.78	2 1-	4ACSR	0	0	684	256	1	0	0	0.00	1.68	0
CO14601+	CO14606	7.93	1 1-	4ACSR	0	0	671	255	0	0	0	0.00	1.68	0
CO14605+	CO14601	8.11	1 1-	4ACSR	0	0	656	252	0	0	0	0.00	1.68	0
CO14604+	CO14605	8.17	1 1-	4ACSR	0	0	651	251	0	0	0	0.00	1.68	0
CO14602+	CO14604	8.36	1 1-	4ACSR	0	0	636	249	0	0	0	0.00	1.68	0
CO14603+	CO14602	8.42	1 1-	4ACSR	0	0	631	248	0	0	0	0.00	1.68	0
CO14594+	CO14605	8.20	0 1-	2ACSR	0	0	650	251	0	0	0	0.00	1.68	0
CO14554+	CO14556	7.86	2 1-	4ACSR	0	0	677	255	2	0	0	0.00	1.68	0
CO14572+	CO14554	8.03	1 1-	4ACSR	0	0	662	253	0	0	0	0.00	1.68	0
CO14571+	CO14554	7.91	1 1-	4ACSR	0	0	673	255	2	0	0	0.00	1.68	0
CO14698+	CO14697	6.56	2 1-	4ACSR	0	0	806	272	9	0	0	0.00	1.63	0
CO14699+	CO14698	6.63	2 1-	4ACSR	0	0	797	271	9	0	0	0.00	1.63	0
CO14552+	CO14699	6.71	2 1-	4ACSR	0	0	788	270	9	0	0	0.00	1.64	0
CO14553+	CO14552	6.76	1 1-	4ACSR	0	0	782	269	1	0	0	0.00	1.64	0
CO14551+	CO14553	6.82	1 1-	4ACSR	0	0	775	268	1	0	0	0.00	1.64	0
CO-1149404041+	OC-2048884282	5.99	1 1-	2ACSR	0	0	881	280	2	0	0	0.00	1.57	0
CO-718144731+	CO14644	5.70	1 1-	2ACSR	0	0	920	284	9	0	0	0.00	1.54	0
CO14588+	CO14639	5.59	1 1-	4ACSR	0	0	935	286	10	0	0	0.00	1.50	0
CO14638+	CO14636	5.35	12 1-	4ACSR	0	0	975	290	25	1	1	0.01	1.45	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14637+	CO14638	5.46	11 1-	4ACSR	0	0	957	288	23	1	1	0.00	1.46	0
CO17236+	CO14637	5.54	10 1-	4ACSR	0	0	944	287	17	1	1	0.00	1.46	0
CO14729+	CO17236	5.65	8 1-	4ACSR	0	0	926	285	13	0	1	0.00	1.46	0
CO14730+	CO14729	5.76	2 1-	4ACSR	0	0	910	283	4	0	0	0.00	1.46	0
CO14743+	CO14730	5.83	0 1-	4ACSR	0	0	899	282	0	0	0	0.00	1.46	0
CO14753+	CO14730	5.88	2 1-	4ACSR	0	0	891	281	4	0	0	0.00	1.46	0
CO14787+	CO14753	6.07	1 1-	4ACSR	0	0	865	279	2	0	0	0.00	1.46	0
CO14751+	CO14729	5.95	4 1-	4ACSR	0	0	881	280	3	0	0	0.00	1.46	0
CO14752+	CO14751	5.98	4 1-	4ACSR	0	0	877	280	3	0	0	0.00	1.46	0
CO14786+	CO14752	6.38	4 1-	4ACSR	0	0	824	274	3	0	0	0.00	1.46	0
CO14731+	CO14786	6.45	1 1-	4ACSR	0	0	815	273	2	0	0	0.00	1.46	0
CO14773+	CO14786	6.49	2 1-	4ACSR	0	0	811	272	1	0	0	0.00	1.46	0
CO14774+	CO14773	6.65	2 1-	4ACSR	0	0	791	270	1	0	0	0.00	1.46	0
CO14749+	CO14774	6.82	2 1-	4ACSR	0	0	772	268	1	0	0	0.00	1.46	0
CO1098895381+	CO14749	6.93	1 1-	2ACSR	0	0	762	267	0	0	0	0.00	1.46	0
CO14750+	CO14749	6.95	1 1-	4ACSR	0	0	758	266	1	0	0	0.00	1.46	0
CO14732+	CO14774	6.77	0 1-	4ACSR	0	0	778	269	0	0	0	0.00	1.46	0
CO14744+	CO14729	5.80	2 1-	4ACSR	0	0	903	283	6	0	0	0.00	1.46	0
CO14742+	CO17236	5.75	2 1-	4ACSR	0	0	911	283	4	0	0	0.00	1.46	0
CO14586+	CO14637	5.50	1 1-	4ACSR	0	0	951	287	6	0	0	0.00	1.46	0
CO14590+	CO14638	5.39	1 1-	2ACSR	0	0	969	289	3	0	0	0.00	1.45	0
CO14563+	CO14636	5.31	10 1-	4ACSR	0	0	983	290	58	3	3	0.01	1.46	0
CO14564+	CO14563	5.41	8 1-	4ACSR	0	0	965	289	49	3	2	0.01	1.46	0
CO17235+	CO14564	5.65	3 1-	4ACSR	0	0	926	285	10	0	0	0.00	1.47	0
CO14741+	CO17235	5.80	1 1-	4ACSR	0	0	903	283	1	0	0	0.00	1.47	0
CO14728+	CO17235	5.79	2 1-	4ACSR	0	0	906	283	9	0	0	0.00	1.47	0
CO14757+	CO14728	5.93	0 1-	4ACSR	0	0	885	281	0	0	0	0.00	1.47	0
CO14758+	CO14757	6.21	0 1-	4ACSR	0	0	846	276	0	0	0	0.00	1.47	0
CO14755+	CO14728	5.93	2 1-	4ACSR	0	0	885	281	9	0	0	0.00	1.47	0
CO14756+	CO14755	6.12	1 1-	4ACSR	0	0	858	278	5	0	0	0.00	1.47	0
CO14754+	CO14756	6.27	0 1-	4ACSR	0	0	838	276	0	0	0	0.00	1.47	0
CO14740+	CO14728	6.10	0 1-	4ACSR	0	0	861	278	0	0	0	0.00	1.47	0
CO14678+	CO14564	5.45	2 1-	4ACSR	0	0	958	288	15	1	1	0.00	1.47	0
CO17237+	CO14678	5.51	1 1-	4ACSR	0	0	949	287	7	0	0	0.00	1.47	0
CO14591+	CO14678	5.49	1 1-	2ACSR	0	0	953	288	8	0	0	0.00	1.47	0
CO14580+	CO14564	5.47	2 1-	4ACSR	0	0	956	288	18	1	1	0.00	1.46	0
CO14581+	CO14563	5.40	1 1-	4ACSR	0	0	967	289	6	0	0	0.00	1.46	0
CO14593+	CO14629	4.38	1 1-	2ACSR	0	0	1170	306	0	0	0	0.00	1.12	0
CO14592+	CO14629	4.51	1 1-	4ACSR	0	0	1138	304	2	0	0	0.00	1.13	0
CO14713+	CO14569	3.96	0 1-	4ACSR	0	0	1273	314	0	0	0	0.00	0.96	0
CO14656+	CO14647	3.86	80 3-	1/0ACSR	1515	1442	1297	316	379	8	4	0.00	0.91	3
CO14662+	CO14656	3.96	80 3-	1/0ACSR	1498	1425	1279	315	379	8	4	0.01	0.92	4
CO14595+	CO14662	4.01	1 1-	2ACSR	0	0	1267	314	7	0	0	0.00	0.92	0
CO14661+	CO14662	4.01	79 3-	1/0ACSR	1488	1415	1268	314	371	8	4	0.00	0.92	2
CO14657+	CO14661	4.18	79 3-	1/0ACSR	1458	1386	1238	313	371	8	4	0.01	0.94	7
CO14660+	CO14657	4.26	79 3-	1/0ACSR	1446	1374	1225	312	371	8	4	0.01	0.94	3
CO14658+	CO14660	4.32	79 3-	1/0ACSR	1436	1365	1215	311	371	8	4	0.00	0.95	2
CO14659+	CO14658	4.51	79 3-	1/0ACSR	1405	1334	1183	310	371	8	4	0.01	0.96	8
CO14561+	CO14659	4.58	76 3-	1/0ACSR	1394	1324	1172	309	355	7	3	0.00	0.96	3
CO14560+	CO14561	4.66	75 3-	1/0ACSR	1382	1312	1160	308	352	7	3	0.01	0.97	3
CO14618+	CO14560	4.81	75 3-	1/0ACSR	1359	1290	1137	307	352	7	3	0.01	0.98	5
CO14616+	CO14618	4.85	75 3-	1/0ACSR	1353	1285	1131	307	352	7	3	0.00	0.98	0

Substation Power Factor: 0.99
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14615+	CO14616	4.88	75 3-	1/0ACSR	1348	1279	1126	306	352	7	3	0.00	0.98	0
CO14689+	CO14615	4.92	2 1-	4ACSR	0	0	1118	306	2	0	0	0.00	0.98	0
CO14688+	CO14689	4.96	2 1-	4ACSR	0	0	1110	305	2	0	0	0.00	0.98	0
CO14617+	CO14615	4.91	72 3-	1/0ACSR	1344	1275	1122	306	345	7	3	0.00	0.99	0
CO-1746915126+	CO14617	5.03	72 3-	2ACSR	1323	1256	1102	305	345	7	4	0.01	1.00	7
CO14576+	CO-1746915126	5.13	0 1-	4ACSR	0	0	1082	303	0	0	0	0.00	1.00	0
CO-147184923+	CO-1746915126	5.04	72 3-	2ACSR	1321	1254	1100	304	345	7	4	0.00	1.00	0
CO-1750435815+	CO-147184923	5.06	72 3-	2ACSR	1319	1252	1098	304	345	7	4	0.00	1.00	0
CO14703+	CO-1750435815	5.08	2 1-	4ACSR	0	0	1093	304	7	0	0	0.00	1.00	0
OC422+	CO14703	5.08	2 1-	10 N FUSE	0	0	1093	304	7	0	5	0.00	1.00	0
CO14704+	OC422	5.24	2 1-	4ACSR	0	0	1062	301	7	0	0	0.00	1.00	0
CO14577+	CO14704	5.31	1 1-	4ACSR	0	0	1048	300	7	0	0	0.00	1.00	0
CO14614+	CO14704	5.28	1 1-	4ACSR	0	0	1054	300	0	0	0	0.00	1.00	0
CO14613+	CO14614	5.46	0 1-	4ACSR	0	0	1022	297	0	0	0	0.00	1.00	0
CO14611+	CO14613	5.51	0 1-	4ACSR	0	0	1011	296	0	0	0	0.00	1.00	0
CO14612+	CO14611	5.78	0 1-	4ACSR	0	0	966	292	0	0	0	0.00	1.00	0
CO947612086+	CO-1750435815	5.20	70 3-	2ACSR	1295	1230	1075	303	338	7	4	0.01	1.01	7
CO14579+	CO947612086	5.26	1 1-	4ACSR	0	0	1062	301	9	0	0	0.00	1.01	0
CO14619+	CO947612086	5.30	69 3-	1/0ACSR	1281	1216	1061	302	329	7	3	0.01	1.02	3
CO14623+	CO14619	5.33	69 3-	1/0ACSR	1277	1213	1058	301	329	7	3	0.00	1.02	0
CO14622+	CO14623	5.36	66 3-	1/0ACSR	1273	1208	1053	301	307	6	3	0.00	1.02	0
CO14620+	CO14622	5.38	66 3-	1/0ACSR	1270	1206	1051	301	307	6	3	0.00	1.03	0
CO14621+	CO14620	5.44	66 3-	1/0ACSR	1263	1199	1043	300	307	6	3	0.00	1.03	0
CO14655+	CO14621	5.52	60 3-	1/0ACSR	1253	1189	1034	300	289	6	3	0.00	1.03	0
CO14653+	CO14655	5.60	60 3-	1/0ACSR	1243	1179	1024	299	289	6	3	0.00	1.04	0
CO14652+	CO14653	5.65	59 3-	1/0ACSR	1236	1173	1018	299	282	6	3	0.00	1.04	0
CO14654+	CO14652	5.67	59 3-	1/0ACSR	1233	1170	1015	298	282	6	3	0.00	1.04	0
CO-858274194+	CO14654	5.76	1 1-	2ACSR	0	0	1003	297	9	0	0	0.00	1.04	0
CO-540270456+	CO-858274194	5.78	0 1-	2ACSR	0	0	1000	297	0	0	0	0.00	1.04	0
CO-1534701860+	CO-858274194	5.87	1 1-	2ACSR	0	0	988	296	9	0	0	0.00	1.04	0
CO14624+	CO14654	5.74	58 3-	1/0ACSR	1225	1163	1007	298	272	6	3	0.00	1.04	0
CO14627+	CO14624	5.86	56 3-	1/0ACSR	1210	1148	993	297	260	5	3	0.01	1.05	2
CO14625+	CO14627	5.88	55 3-	1/0ACSR	1208	1146	991	297	259	5	3	0.00	1.05	0
CO14626+	CO14625	5.91	54 3-	1/0ACSR	1204	1143	987	296	252	5	2	0.00	1.05	0
CO14700+	CO14626	5.93	54 3-	1/0ACSR	1203	1141	986	296	252	5	2	0.00	1.05	0
CO11702+	CO14700	5.99	52 3-	1/0ACSR	1195	1134	978	296	240	5	2	0.00	1.06	0
CO17214+	CO11702	6.09	1 1-	4ACSR	0	0	963	294	8	0	0	0.00	1.06	0
CO14677+	CO17214	6.16	1 1-	4ACSR	0	0	951	293	8	0	0	0.00	1.06	0
CO11755+	CO11702	6.00	25 1-	2ACSR	0	0	977	296	97	6	4	0.00	1.06	0
CO302038809+	CO11755	6.09	25 1-	2ACSR	0	0	966	295	97	6	4	0.01	1.07	0
CO11754+	CO302038809	6.20	25 1-	4ACSR	0	0	948	293	97	6	5	0.02	1.08	3
CO11727+	CO11754	6.37	1 1-	4ACSR	0	0	922	290	1	0	0	0.00	1.08	0
CO11757+	CO11754	6.42	24 1-	4ACSR	0	0	915	289	96	6	5	0.03	1.11	5
CO11756+	CO11757	6.48	24 1-	4ACSR	0	0	906	288	96	6	5	0.01	1.12	0
CO11726+	CO11756	6.64	1 1-	4ACSR	0	0	885	286	1	0	0	0.00	1.12	0
CO11758+	CO11756	6.52	23 1-	4ACSR	0	0	901	287	95	6	5	0.01	1.13	0
CO11760+	CO11758	6.60	22 1-	4ACSR	0	0	890	286	94	6	5	0.01	1.14	0
CO11759+	CO11760	6.68	21 1-	4ACSR	0	0	878	285	92	6	4	0.01	1.15	0
CO-1639590114+	CO11759	6.77	0 1-	2ACSR	0	0	868	284	0	0	0	0.00	1.15	0
CO11725+	CO11759	6.71	1 1-	4ACSR	0	0	874	284	4	0	0	0.00	1.15	0
CO11762+	CO11759	6.70	20 1-	4ACSR	0	0	876	285	88	5	4	0.00	1.15	0
CO11761+	CO11762	6.78	19 1-	4ACSR	0	0	865	283	78	5	4	0.01	1.16	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11739+	CO11761	7.01	2 1-	4ACSR	0	0	836	280	8	0	0	0.00	1.17	0
CO11740+	CO11739	7.08	1 1-	4ACSR	0	0	827	279	0	0	0	0.00	1.17	0
CO11733+	CO11739	7.05	1 1-	2ACSR	0	0	831	279	8	0	0	0.00	1.17	0
CO11764+	CO11761	7.01	17 1-	4ACSR	0	0	835	280	70	4	3	0.03	1.19	3
CO11763+	CO11764	7.20	17 1-	4ACSR	0	0	812	277	70	4	3	0.02	1.21	2
CO11804+	CO11763	7.21	0 1-	4ACSR	0	0	811	277	0	0	0	0.00	1.21	0
CO11765+	CO11763	7.26	17 1-	4ACSR	0	0	805	276	70	4	3	0.01	1.21	0
CO11767+	CO11765	7.31	17 1-	4ACSR	0	0	800	275	70	4	3	0.00	1.22	0
CO11766+	CO11767	7.43	15 1-	4ACSR	0	0	786	274	52	3	3	0.01	1.23	0
CO11724+	CO11766	7.52	1 1-	4ACSR	0	0	776	272	5	0	0	0.00	1.23	0
CO11737+	CO11766	7.49	14 1-	4ACSR	0	0	779	273	47	3	2	0.00	1.23	0
CO11738+	CO11737	7.77	13 1-	4ACSR	0	0	750	269	42	2	2	0.02	1.25	0
CO11806+	CO11738	7.78	12 1-	4ACSR	0	0	749	269	42	2	2	0.00	1.25	0
OC328+	CO11806	7.78	12 1-	25 H OCR	0	0	749	269	42	2	11	0.00	1.25	0
CO11807+	OC328	7.83	12 1-	4ACSR	0	0	743	268	42	2	2	0.00	1.25	0
CO11768+	CO11807	7.98	11 1-	4ACSR	0	0	729	266	40	2	2	0.01	1.26	0
CO11769+	CO11768	8.05	11 1-	4ACSR	0	0	721	265	40	2	2	0.00	1.27	0
CO11708+	CO11769	8.26	10 1-	4ACSR	0	0	702	262	39	2	2	0.01	1.28	0
CO11771+	CO11708	8.40	6 1-	4ACSR	0	0	690	260	27	1	1	0.01	1.28	0
CO11770+	CO11771	8.44	6 1-	4ACSR	0	0	686	260	27	1	1	0.00	1.29	0
CO11772+	CO11770	8.72	2 1-	4ACSR	0	0	662	256	13	0	1	0.01	1.29	0
CO11774+	CO11772	8.78	2 1-	4ACSR	0	0	658	255	13	0	1	0.00	1.29	0
CO11773+	CO11774	8.87	1 1-	4ACSR	0	0	650	254	11	0	1	0.00	1.29	0
CO11721+	CO11770	8.54	2 1-	4ACSR	0	0	678	258	4	0	0	0.00	1.29	0
CO11709+	CO11708	8.48	4 1-	4ACSR	0	0	682	259	12	0	1	0.00	1.28	0
CO11710+	CO11709	8.63	2 1-	4ACSR	0	0	670	257	12	0	1	0.00	1.29	0
CO17298+	CO11710	8.68	1 1-	4ACSR	0	0	666	257	6	0	0	0.00	1.29	0
CO17212+	CO11710	8.79	1 1-	4ACSR	0	0	657	255	6	0	0	0.00	1.29	0
CO11695+	CO17212	8.83	0 1-	4ACSR	0	0	653	255	0	0	0	0.00	1.29	0
#SW324-B+	CO11695	8.83	0 1-	Open	0	0	653	255	0	0	0	0.00	1.29	0
CO11734+	CO11709	8.53	1 1-	4ACSR	0	0	678	258	0	0	0	0.00	1.28	0
CO11798+	CO11734	8.55	1 1-	4ACSR	0	0	676	258	0	0	0	0.00	1.28	0
CO11797+	CO11798	8.69	1 1-	4ACSR	0	0	665	256	0	0	0	0.00	1.28	0
CO11722+	CO11769	8.13	1 1-	4ACSR	0	0	714	264	1	0	0	0.00	1.27	0
CO11723+	CO11738	7.92	1 1-	4ACSR	0	0	734	267	0	0	0	0.00	1.25	0
CO11732+	CO11737	7.54	1 1-	2ACSR	0	0	775	272	5	0	0	0.00	1.23	0
CO11703+	CO11702	6.14	25 3-	1/0ACSR	1177	1117	962	294	125	2	1	0.00	1.06	0
CO11719+	CO11703	6.28	1 1-	4ACSR	0	0	941	292	2	0	0	0.00	1.06	0
CO11704+	CO11703	6.24	21 1-	4ACSR	0	0	947	293	104	7	5	0.01	1.07	3
CO11728+	CO11704	6.33	1 1-	4ACSR	0	0	933	291	4	0	0	0.00	1.08	0
CO11705+	CO11704	6.31	19 1-	4ACSR	0	0	936	292	93	6	5	0.01	1.08	0
CO11706+	CO11705	6.39	16 1-	4ACSR	0	0	923	290	74	5	4	0.01	1.09	0
CO11792+	CO11706	6.45	2 1-	4ACSR	0	0	915	289	6	0	0	0.00	1.09	0
CO11791+	CO11792	6.48	2 1-	4ACSR	0	0	911	289	6	0	0	0.00	1.10	0
CO11707+	CO11706	6.53	14 1-	4ACSR	0	0	904	288	69	4	3	0.01	1.11	0
CO11716+	CO11707	6.57	1 1-	4ACSR	0	0	898	287	1	0	0	0.00	1.11	0
CO11749+	CO11707	6.61	2 1-	4ACSR	0	0	893	287	23	1	1	0.00	1.11	0
CO11748+	CO11749	6.63	1 1-	4ACSR	0	0	890	286	10	0	0	0.00	1.11	0
CO11717+	CO11748	6.70	0 1-	4ACSR	0	0	880	285	0	0	0	0.00	1.11	0
CO11735+	CO11748	6.75	1 1-	4ACSR	0	0	874	285	10	0	0	0.00	1.11	0
CO11731+	CO11735	6.83	1 1-	2ACSR	0	0	865	284	10	0	0	0.00	1.11	0
CO11736+	CO11735	6.84	0 1-	4ACSR	0	0	862	283	0	0	0	0.00	1.11	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11753+	CO11707	6.63	11 1-	4ACSR	0	0	889	286	45	3	2	0.01	1.11	0
CO11752+	CO11753	6.64	9 1-	4ACSR	0	0	888	286	41	2	2	0.00	1.12	0
CO11750+	CO11752	6.69	9 1-	4ACSR	0	0	881	286	41	2	2	0.00	1.12	0
CO11751+	CO11750	6.73	7 1-	4ACSR	0	0	876	285	38	2	2	0.00	1.12	0
CO11715+	CO11751	6.79	2 1-	4ACSR	0	0	868	284	4	0	0	0.00	1.12	0
CO11786+	CO11751	6.75	4 1-	4ACSR	0	0	873	285	17	1	1	0.00	1.12	0
CO11790+	CO11786	6.78	4 1-	4ACSR	0	0	870	284	17	1	1	0.00	1.12	0
CO11729+	CO11790	6.82	1 1-	4ACSR	0	0	864	283	12	0	1	0.00	1.12	0
CO11789+	CO11790	6.82	3 1-	4ACSR	0	0	865	284	5	0	0	0.00	1.12	0
CO11787+	CO11789	6.94	3 1-	4ACSR	0	0	848	282	5	0	0	0.00	1.12	0
CO11788+	CO11787	6.98	3 1-	4ACSR	0	0	844	281	5	0	0	0.00	1.12	0
CO11794+	CO11705	6.46	3 1-	4ACSR	0	0	913	289	19	1	1	0.00	1.09	0
CO11793+	CO11794	6.51	0 1-	4ACSR	0	0	907	288	0	0	0	0.00	1.09	0
CO11718+	CO11704	6.33	1 1-	4ACSR	0	0	933	291	7	0	0	0.00	1.08	0
CO11796+	CO11703	6.27	3 1-	4ACSR	0	0	943	292	18	1	1	0.00	1.06	0
CO11795+	CO11796	6.32	2 1-	4ACSR	0	0	934	291	12	0	1	0.00	1.06	0
CO14705+	CO14621	5.45	2 1-	4ACSR	0	0	1042	300	4	0	0	0.00	1.03	0
OC423+	CO14705	5.45	2 1-	10 N FUSE	0	0	1042	300	4	0	3	0.00	1.03	0
CO14706+	OC423	5.53	2 1-	4ACSR	0	0	1028	299	4	0	0	0.00	1.03	0
CO14665+	CO14706	5.58	1 1-	4ACSR	0	0	1017	298	0	0	0	0.00	1.03	0
CO14663+	CO14665	5.87	1 1-	4ACSR	0	0	969	293	0	0	0	0.00	1.03	0
CO14664+	CO14663	6.15	1 1-	4ACSR	0	0	925	289	0	0	0	0.00	1.03	0
CO14589+	CO14621	5.53	2 1-	4ACSR	0	0	1027	299	8	0	0	0.00	1.03	0
CO14575+	CO14561	4.67	1 1-	4ACSR	0	0	1151	307	3	0	0	0.00	0.96	0
CO14701+	CO14659	4.52	1 1-	4ACSR	0	0	1182	310	9	0	0	0.00	0.96	0
OC421+	CO14701	4.52	1 1-	10 N FUSE	0	0	1182	310	9	0	6	0.00	0.96	0
CO14702+	OC421	4.54	1 1-	4ACSR	0	0	1177	309	9	0	0	0.00	0.96	0
CO14628+	CO14702	4.67	1 1-	4ACSR	0	0	1147	307	9	0	0	0.00	0.96	0
CO14562+	CO14628	4.84	1 1-	4ACSR	0	0	1110	304	9	0	0	0.00	0.96	0
CO14711+	CO14562	4.85	0 1-	4ACSR	0	0	1109	304	0	0	0	0.00	0.96	0
CO14584+	CO14562	4.94	1 1-	4ACSR	0	0	1091	302	9	0	0	0.00	0.96	0
CO14585+	CO14628	4.77	0 1-	4ACSR	0	0	1126	305	0	0	0	0.00	0.96	0
CO14674+	CO14659	4.55	2 1-	4ACSR	0	0	1173	309	7	0	0	0.00	0.96	0
CO14676+	CO14674	4.61	0 1-	4ACSR	0	0	1160	308	0	0	0	0.00	0.96	0
CO14675+	CO14676	4.68	0 1-	4ACSR	0	0	1146	307	0	0	0	0.00	0.96	0
CO14692+	CO14647	3.81	2 1-	4ACSR	0	0	1305	316	11	0	1	0.00	0.91	0
CO14694+	CO14692	3.83	2 1-	4ACSR	0	0	1301	316	11	0	1	0.00	0.91	0
CO14693+	CO14694	3.85	2 1-	4ACSR	0	0	1295	315	11	0	1	0.00	0.91	0
CO17238+	CO14719	3.30	8 1-	4ACSR	0	0	1408	320	43	2	2	0.00	0.84	0
CO14771+	CO17238	3.32	8 1-	4ACSR	0	0	1402	320	43	2	2	0.00	0.84	0
CO14775+	CO14771	3.37	5 1-	4ACSR	0	0	1385	319	28	1	1	0.00	0.84	0
CO17239+	CO14775	3.45	3 1-	4ACSR	0	0	1362	317	12	0	1	0.00	0.84	0
CO14651+	CO17239	3.48	1 1-	4ACSR	0	0	1351	317	3	0	0	0.00	0.84	0
CO14718+	CO14651	3.49	0 1-	4ACSR	0	0	1349	317	0	0	0	0.00	0.84	0
CO16916+	CO16840	2.54	3 2-	4ACSR	0	1717	1600	328	11	0	0	0.00	0.73	0
CO17242+	CO16916	2.64	2 2-	4ACSR	0	1683	1561	326	10	0	0	0.00	0.73	0
CO14770+	CO17242	2.72	1 2-	4ACSR	0	1657	1533	324	9	0	0	0.00	0.73	0
CO16846+	CO16848	2.21	2 3-	2ACSR	1876	1808	1702	331	552	12	7	0.01	0.68	8
CO16845+	CO16846	2.27	1 3-	2ACSR	1859	1790	1682	330	551	12	7	0.01	0.69	8
CO17241+	CO16845	2.46	1 3-	2ACSR	1802	1732	1615	328	551	12	7	0.03	0.72	26
CO14746+	CO17241	2.53	1 3-	1/0PRIURD	1796	1723	1598	717	551	12	8	0.01	0.73	6
300659019+	CO14746	2.53	1 3-	Consumer	1796	1723	1598	717	551	12	0	0.00	0.73	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16766+	CO30674	1.67	1 1-	4ACSR	0	0	1895	336	6	0	0	0.00	0.50	0
CO16855+	CO30674	1.65	0 3-	1/0ACSR	2042	1988	1907	337	0	-7	3	0.00	0.50	0
CA62+	CO16855	1.65	0 3-	Capacitor	2042	1988	1907	337	0	-7	0	0.00	0.50	0
CO-167224953+	CO16726	1.49	1 1-	2ACSR	0	0	1964	338	3	0	0	0.00	0.42	0
CO16767+	CO16726	1.45	1 1-	4ACSR	0	0	1979	338	0	0	0	0.00	0.42	0
CO16768+	CO16856	1.27	0 1-	4ACSR	0	0	2061	340	0	0	0	0.00	0.37	0
CO16918+	CO30594	0.78	2 1-	4ACSR	0	0	2307	345	16	1	1	0.00	0.21	0
CO16917+	CO16918	0.83	2 1-	4ACSR	0	0	2271	344	16	1	1	0.00	0.22	0
CO-2138873066+	CO16917	0.86	1 1-	2ACSR	0	0	2252	344	9	0	0	0.00	0.22	0
CO299905296+	CO-2138873066	0.90	1 1-	2ACSR	0	0	2230	343	9	0	0	0.00	0.22	0
OH194+	SNOW HILL	0.02	165 3-	336ACSR	2653	2816	2801	354	738	16	3	0.00	0.00	0
OCD234+	OH194	0.02	165 3-	560 200WVE	2653	2816	2801	354	738	16	3	0.00	0.00	0
OH195+	OCD234	0.03	165 3-	336ACSR	2649	2808	2792	354	738	16	3	0.00	0.00	0
XFMR238	OH195	0.03	165 3-	3000 KVA 3PH	2190	2241	2236	179	738	16	24	0.18	0.18	0
OH237	XFMR238	0.05	165 3-	336ACSR	2182	2229	2222	179	738	33	6	0.00	0.19	4
OH196	OH237	0.09	165 3-	336ACSR	2167	2206	2198	179	738	33	6	0.01	0.20	7
CO25173	OH196	0.14	165 3-	4ACSR	2133	2153	2143	178	738	33	24	0.07	0.26	83
CO25172	CO25173	0.25	164 3-	4ACSR	2060	2051	2030	177	730	32	23	0.14	0.40	165
CO25205	CO25172	0.25	3 1-	6ACWC	0	0	2023	177	6	0	1	0.00	0.40	0
OC754	CO25205	0.25	3 1-	10 N FUSE	0	0	2023	177	6	0	9	0.00	0.40	0
CO25206	OC754	0.37	3 1-	6ACWC	0	0	1905	176	6	0	1	0.00	0.40	0
CO30593	CO25206	0.45	2 1-	6ACWC	0	0	1824	175	5	0	0	0.00	0.41	0
CO14745	CO30593	0.67	1 1-	4ACSR	0	0	1632	172	1	0	0	0.00	0.41	0
CO14778	CO30593	0.90	0 1-	6ACWC	0	0	1460	170	0	0	0	0.00	0.41	0
CO14772	CO14778	1.22	0 1-	6ACWC	0	0	1262	167	0	0	0	0.00	0.41	0
CO14736	CO14772	1.53	0 1-	6ACWC	0	0	1108	164	0	0	0	0.00	0.41	0
CO14776	CO14772	1.26	0 1-	6ACWC	0	0	1237	166	0	0	0	0.00	0.41	0
CO14777	CO14776	1.52	0 1-	6ACWC	0	0	1113	164	0	0	0	0.00	0.41	0
CO25087	CO25172	0.29	159 3-	4ACSR	2027	2008	1981	176	708	31	23	0.06	0.46	69
CO25086	CO25087	0.48	159 3-	4ACSR	1892	1850	1796	174	707	31	23	0.24	0.69	276
CO25088	CO25086	0.59	158 3-	4ACSR	1815	1767	1698	173	697	31	22	0.13	0.83	154
CO30592	CO25088	1.01	158 3-	4ACSR	1540	1491	1380	169	696	31	22	0.51	1.34	593
CO14767	CO30592	1.06	156 3-	4ACSR	1509	1461	1346	168	686	31	22	0.06	1.41	73
CO14782	CO14767	1.07	1 1-	6ACWC	0	0	1342	168	12	1	1	0.00	1.41	0
OC434	CO14782	1.07	1 1-	10 N FUSE	0	0	1342	168	12	1	16	0.00	1.41	0
CO30591	OC434	1.37	1 1-	6ACWC	0	0	1180	165	12	1	1	0.01	1.42	0
CO25089	CO30591	1.44	0 1-	6ACWC	0	0	1146	164	0	0	0	0.00	1.42	0
CO25090	CO25089	1.63	0 1-	6ACWC	0	0	1063	163	0	0	0	0.00	1.42	0
CO14725	CO14767	1.35	154 3-	4ACSR	1355	1315	1188	165	674	30	22	0.34	1.74	382
CO14768	CO14725	1.44	143 3-	4ACSR	1309	1271	1142	164	629	28	20	0.11	1.85	111
CO14769	CO14768	1.57	142 3-	4ACSR	1250	1216	1085	163	629	28	20	0.14	1.99	151
CO14739	CO14769	1.69	1 1-	4ACSR	0	0	1038	162	9	1	1	0.00	2.00	0
CO14726	CO14769	1.65	141 3-	4ACSR	1218	1185	1053	162	619	28	20	0.08	2.08	86
CO14784	CO14726	1.65	0 1-	4ACSR	0	0	1051	162	0	0	0	0.00	2.08	0
CO14759	CO14726	1.69	140 3-	4ACSR	1198	1166	1034	162	616	27	20	0.05	2.13	54
CO14760	CO14759	2.02	140 3-	4ACSR	1074	1049	918	159	615	27	20	0.36	2.49	374
CO30589	CO14760	2.12	140 3-	4ACSR	1042	1020	889	158	614	27	20	0.10	2.59	107
CO25178	CO30589	2.15	139 3-	4ACSR	1034	1011	881	158	608	27	20	0.03	2.62	30
CO30569	CO25178	2.18	139 3-	4ACSR	1024	1002	873	157	608	27	20	0.03	2.66	33
CO881716204	CO30569	2.22	138 3-	2ACSR	1015	994	864	157	607	27	15	0.03	2.68	28
CO1898929209	CO881716204	2.25	137 3-	2ACSR	1007	985	856	157	598	27	15	0.03	2.71	25

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25179	CO1898929209	2.27	137 3-	4ACSR	1001	980	851	157	598	27	20	0.02	2.73	19
CO25000	CO25179	2.30	130 3-	4ACSR	994	973	845	157	572	26	19	0.03	2.75	24
CO24981	CO25000	2.48	130 3-	4ACSR	942	924	798	155	572	26	19	0.19	2.94	178
CO25130	CO24981	2.54	11 1-	4ACSR	0	0	784	154	40	5	4	0.01	2.95	0
CO25129	CO25130	2.62	9 1-	4ACSR	0	0	764	154	30	4	3	0.02	2.97	0
CO25034	CO25129	2.63	4 1-	4ACSR	0	0	762	154	8	1	1	0.00	2.97	0
CO25192	CO25034	2.67	4 1-	4ACSR	0	0	753	153	8	1	1	0.00	2.97	0
CO25191	CO25192	2.74	3 1-	4ACSR	0	0	740	153	7	0	1	0.00	2.97	0
CO25190	CO25191	2.79	2 1-	4ACSR	0	0	728	152	7	0	1	0.00	2.97	0
CO25189	CO25190	2.87	1 1-	4ACSR	0	0	713	152	0	0	0	0.00	2.97	0
CO25099	CO25129	2.68	5 1-	4ACSR	0	0	752	153	22	3	2	0.01	2.97	0
CO25098	CO25099	2.77	4 1-	4ACSR	0	0	732	152	15	2	1	0.00	2.98	0
CO25059	CO24981	2.53	117 3-	4ACSR	929	912	786	154	516	23	17	0.04	2.98	38
CO25058	CO25059	2.57	117 3-	4ACSR	917	900	775	154	516	23	17	0.04	3.03	38
CO25193	CO25058	2.58	3 1-	4ACSR	0	0	774	154	9	1	1	0.00	3.03	0
OC755	CO25193	2.58	3 1-	10 N FUSE	0	0	774	154	9	1	12	0.00	3.03	0
CO25194	OC755	3.06	3 1-	4ACSR	0	0	678	150	9	1	1	0.03	3.05	0
CO24982	CO25194	3.60	2 1-	4ACSR	0	0	594	146	6	0	1	0.02	3.07	0
CO25011	CO24982	3.73	1 1-	4ACSR	0	0	576	144	0	0	0	0.00	3.07	0
CO25009	CO24982	3.73	1 1-	4ACSR	0	0	576	144	6	0	1	0.00	3.07	0
CO25003	CO25194	3.15	1 1-	4ACSR	0	0	663	149	3	0	0	0.00	3.05	0
CO24983	CO25058	2.69	114 3-	4ACSR	888	873	750	153	507	23	17	0.10	3.13	89
CO25182	CO24983	2.72	4 1-	4ACSR	0	0	743	153	39	5	4	0.01	3.14	0
CO25181	CO25182	2.80	3 1-	4ACSR	0	0	727	152	28	3	3	0.01	3.15	0
CO25100	CO25181	2.92	1 1-	4ACSR	0	0	702	151	13	1	1	0.00	3.15	0
CO25010	CO25181	2.84	1 1-	4ACSR	0	0	719	152	5	0	0	0.00	3.15	0
CO25132	CO24983	2.85	110 3-	4ACSR	850	837	717	152	467	21	15	0.14	3.27	108
CO25131	CO25132	2.87	108 3-	4ACSR	846	833	713	152	462	21	15	0.02	3.28	12
CO25133	CO25131	2.88	108 3-	4ACSR	843	830	710	151	462	21	15	0.01	3.29	10
CO25006	CO25133	2.91	0 1-	4ACSR	0	0	704	151	0	0	0	0.00	3.29	0
CO25055	CO25133	2.91	107 3-	4ACSR	836	824	704	151	449	20	15	0.02	3.32	17
CO25147	CO25055	2.95	107 3-	4ACSR	829	817	698	151	449	20	15	0.03	3.35	21
CO25146	CO25147	3.01	107 3-	4ACSR	817	805	687	150	449	20	15	0.05	3.39	35
CO25148	CO25146	3.05	106 3-	4ACSR	809	797	680	150	444	20	15	0.03	3.42	25
CO24980	CO25148	3.09	103 3-	4ACSR	800	789	673	150	434	19	14	0.03	3.46	25
CO25057	CO24980	3.13	101 3-	4ACSR	792	781	665	149	425	19	14	0.03	3.49	24
CO25056	CO25057	3.49	99 3-	4ACSR	726	718	609	146	411	18	13	0.27	3.76	186
CO25002	CO25056	3.60	88 1-	2ACSR	0	0	597	146	362	50	28	0.18	3.93	101
CO25053	CO25002	3.66	3 1-	2ACSR	0	0	591	145	11	1	1	0.00	3.93	0
CO25068	CO25002	3.70	85 1-	4ACSR	0	0	584	145	351	48	35	0.21	4.14	120
CO25067	CO25068	3.78	83 1-	4ACSR	0	0	573	144	337	46	33	0.17	4.31	94
CO25199	CO25067	3.79	81 1-	4ACSR	0	0	572	144	333	46	33	0.01	4.32	8
OC752	CO25199	3.79	81 1-	50 H OCR	0	0	572	144	333	46	92	0.00	4.32	0
CO25200	OC752	3.88	81 1-	4ACSR	0	0	561	144	333	46	33	0.18	4.50	101
CO25022	CO25200	4.03	0 1-	4ACSR	0	0	543	142	0	0	0	0.00	4.50	0
CO24988	CO25200	4.03	81 1-	4ACSR	0	0	543	142	332	46	33	0.31	4.82	173
CO25021	CO24988	4.17	1 1-	4ACSR	0	0	527	141	5	0	1	0.00	4.82	0
CO24989	CO24988	4.20	80 1-	4ACSR	0	0	524	141	326	45	32	0.35	5.17	188
REG187	CO24989	4.20	80 1-	50.00000000000000	0	0	524	141	325	45	0	-5.17	0.00	0
CO25075	REG187	4.44	1 1-	4ACSR	0	0	499	139	0	0	0	0.00	0.00	0
CO25074	CO25075	4.58	1 1-	4ACSR	0	0	487	138	0	0	0	0.00	0.00	0
CO25027	CO25074	4.76	0 1-	4ACSR	0	0	470	137	0	0	0	0.00	0.00	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25026	CO25074	4.64	1 1-	4ACSR	0	0	481	138	0	0	0	0.00	0.00	0
CO25069	REG187	4.46	79 1-	4ACSR	0	0	497	139	325	43	31	0.52	0.52	269
CO25158	CO25069	4.65	79 1-	4ACSR	0	0	480	138	324	43	31	0.37	0.88	190
CO25157	CO25158	5.01	78 1-	4ACSR	0	0	449	135	318	42	31	0.69	1.58	355
CO30434	CO25157	5.27	61 1-	4ACSR	0	0	430	134	231	31	22	0.36	1.94	135
CO25228	CO30434	5.46	59 1-	2ACSR	0	0	419	133	215	29	16	0.17	2.10	55
CO1805273055	CO25228	5.49	1 1-	2ACSR	0	0	418	133	0	0	0	0.00	2.10	0
CO-1420448144	CO25228	5.49	56 1-	2ACSR	0	0	418	133	195	26	15	0.02	2.12	6
CO25272	CO-1420448144	5.58	54 1-	4ACSR	0	0	412	132	192	26	19	0.11	2.23	35
CO25271	CO25272	5.69	54 1-	4ACSR	0	0	404	131	192	26	19	0.13	2.36	41
CO25273	CO25271	5.75	53 1-	4ACSR	0	0	401	131	184	25	18	0.06	2.43	19
CO25377	CO25273	5.89	37 1-	4ACSR	0	0	392	130	103	14	10	0.09	2.52	15
OC762	CO25377	5.89	37 1-	35 H OCR	0	0	392	130	103	14	40	0.00	2.52	0
CO25378	OC762	5.99	37 1-	4ACSR	0	0	386	129	103	14	10	0.06	2.58	10
CO25264	CO25378	6.11	37 1-	4ACSR	0	0	379	129	103	14	10	0.08	2.65	13
CO25265	CO25264	6.17	37 1-	4ACSR	0	0	376	128	102	14	10	0.04	2.69	6
CO25263	CO25265	6.22	36 1-	4ACSR	0	0	373	128	101	13	10	0.03	2.72	4
CO25346	CO25263	6.27	1 1-	4ACSR	0	0	370	128	4	0	0	0.00	2.72	0
CO25348	CO25346	6.33	1 1-	4ACSR	0	0	367	127	4	0	0	0.00	2.72	0
CO25347	CO25348	6.40	1 1-	4ACSR	0	0	363	127	4	0	0	0.00	2.72	0
CO25227	CO25263	6.37	35 1-	4ACSR	0	0	365	127	96	13	9	0.09	2.81	14
CO25241	CO25227	6.58	1 1-	4ACSR	0	0	354	126	3	0	0	0.00	2.81	0
CO25269	CO25227	6.42	34 1-	4ACSR	0	0	362	127	94	12	9	0.03	2.84	5
CO25268	CO25269	6.46	34 1-	4ACSR	0	0	360	126	94	12	9	0.02	2.86	3
CO25270	CO25268	6.58	32 1-	4ACSR	0	0	354	126	90	12	9	0.06	2.92	9
CO25345	CO25270	6.61	1 1-	4ACSR	0	0	353	125	0	0	0	0.00	2.92	0
CO25344	CO25345	6.63	1 1-	4ACSR	0	0	352	125	0	0	0	0.00	2.92	0
CO25226	CO25270	6.76	29 1-	4ACSR	0	0	345	125	88	12	9	0.10	3.02	15
CO25343	CO25226	6.86	2 1-	4ACSR	0	0	341	124	2	0	0	0.00	3.03	0
CO25342	CO25343	6.90	1 1-	4ACSR	0	0	339	124	1	0	0	0.00	3.03	0
CO25267	CO25226	6.83	27 1-	4ACSR	0	0	342	124	86	11	8	0.03	3.06	5
CO25266	CO25267	7.17	26 1-	4ACSR	0	0	327	122	86	11	8	0.17	3.23	24
CO30341	CO25266	7.38	24 1-	4ACSR	0	0	318	121	75	10	7	0.10	3.33	12
CO25028	CO30341	7.45	2 1-	4ACSR	0	0	316	121	11	1	1	0.00	3.33	0
CO1152467999	CO25028	7.49	1 1-	2ACSR	0	0	315	120	0	0	0	0.00	3.33	0
CO25135	CO30341	7.64	22 1-	4ACSR	0	0	308	120	64	8	6	0.10	3.43	10
CO25134	CO25135	7.72	20 1-	4ACSR	0	0	305	119	59	8	6	0.03	3.46	3
CO25029	CO25134	7.84	2 1-	4ACSR	0	0	301	118	3	0	0	0.00	3.46	0
CO25030	CO25134	7.80	1 1-	4ACSR	0	0	303	119	3	0	0	0.00	3.46	0
CO24993	CO25134	7.84	17 1-	4ACSR	0	0	301	118	53	7	5	0.04	3.50	4
CO25031	CO24993	8.03	1 1-	4ACSR	0	0	294	117	3	0	0	0.00	3.50	0
CO24994	CO24993	8.14	16 1-	4ACSR	0	0	291	117	51	7	5	0.09	3.59	8
CO25209	CO24994	8.14	1 1-	4ACSR	0	0	290	117	3	0	0	0.00	3.59	0
SW758-A	CO25209	8.14	1 1-	Closed	0	0	290	117	3	0	0	0.00	3.59	0
SW758-B	SW758-A	8.14	1 1-	Closed	0	0	290	117	3	0	0	0.00	3.59	0
CO25210	SW758-B	8.48	1 1-	4ACSR	0	0	280	115	3	0	0	0.01	3.60	0
CO25161	CO25210	8.61	1 1-	4ACSR	0	0	276	114	3	0	0	0.00	3.60	0
CO25207	CO25161	8.99	0 1-	4ACSR	0	0	265	113	0	0	0	0.00	3.60	0
SW757-B	CO25207	8.99	0 1-	Open	0	0	265	113	0	0	0	0.00	3.60	0
CO24995	CO24994	8.21	14 1-	4ACSR	0	0	288	117	38	5	4	0.02	3.61	0
CO30348	CO24995	8.40	11 1-	4ACSR	0	0	282	116	32	4	3	0.04	3.64	0
CO25213	CO30348	8.48	2 1-	4ACSR	0	0	280	115	5	0	1	0.00	3.64	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25212	CO30348	8.64	9 1-	4ACSR	0	0	275	114	26	3	3	0.03	3.68	0
CO25223	CO25212	8.90	3 1-	4ACSR	0	0	267	113	5	0	0	0.01	3.68	0
CO25222	CO25223	8.95	2 1-	4ACSR	0	0	266	113	2	0	0	0.00	3.68	0
CO25216	CO25222	9.12	0 1-	4ACSR	0	0	261	112	0	0	0	0.00	3.68	0
CO25215	CO25222	9.02	1 1-	4ACSR	0	0	264	112	1	0	0	0.00	3.68	0
CO25214	CO25222	8.99	1 1-	4ACSR	0	0	265	113	1	0	0	0.00	3.68	0
CO25211	CO25212	8.76	5 1-	4ACSR	0	0	271	114	15	2	1	0.01	3.69	0
CO25218	CO25211	8.86	3 1-	4ACSR	0	0	268	113	7	1	1	0.00	3.69	0
CO25221	CO25218	8.98	2 1-	4ACSR	0	0	265	113	5	0	0	0.00	3.69	0
CO25219	CO25221	9.07	2 1-	4ACSR	0	0	262	112	5	0	0	0.00	3.69	0
CO25220	CO25219	9.23	1 1-	4ACSR	0	0	258	111	1	0	0	0.00	3.69	0
CO25217	CO25211	8.81	1 1-	4ACSR	0	0	270	114	0	0	0	0.00	3.69	0
CO25032	CO24995	8.35	2 1-	4ACSR	0	0	284	116	6	0	1	0.00	3.61	0
CO25033	CO24994	8.17	1 1-	4ACSR	0	0	290	117	10	1	1	0.00	3.59	0
CO25341	CO25266	7.28	1 1-	4ACSR	0	0	323	122	5	0	0	0.00	3.24	0
CO30345	CO25341	7.35	1 1-	4ACSR	0	0	320	121	5	0	0	0.00	3.24	0
CO25275	CO25273	5.98	16 1-	4ACSR	0	0	387	129	82	11	8	0.11	2.54	15
CO25277	CO25275	6.06	16 1-	4ACSR	0	0	382	129	82	11	8	0.04	2.58	5
CO25276	CO25277	6.13	15 1-	4ACSR	0	0	378	128	75	10	7	0.03	2.61	4
CO25274	CO25276	6.21	14 1-	4ACSR	0	0	374	128	75	10	7	0.03	2.65	4
CO25289	CO25274	6.39	4 1-	4ACSR	0	0	364	127	10	1	1	0.01	2.66	0
CO25288	CO25289	6.56	4 1-	4ACSR	0	0	355	126	10	1	1	0.01	2.67	0
CO25231	CO25288	6.73	3 1-	4ACSR	0	0	347	125	5	0	0	0.00	2.67	0
CO25327	CO25231	6.83	2 1-	4ACSR	0	0	342	124	0	0	0	0.00	2.67	0
CO25329	CO25327	6.87	2 1-	4ACSR	0	0	340	124	0	0	0	0.00	2.67	0
CO25328	CO25329	7.20	2 1-	4ACSR	0	0	326	122	0	0	0	0.00	2.67	0
CO25374	CO25328	7.27	2 1-	4ACSR	0	0	323	122	0	0	0	0.00	2.67	0
CO25373	CO25374	7.31	2 1-	4ACSR	0	0	321	121	0	0	0	0.00	2.67	0
CO25326	CO25328	7.44	0 1-	4ACSR	0	0	316	121	0	0	0	0.00	2.67	0
CO25387	CO25326	7.85	0 1-	4ACSR	0	0	301	118	0	0	0	0.00	2.67	0
CO25388	CO25387	7.85	0 1-	4ACSR	0	0	301	118	0	0	0	0.00	2.67	0
CO25244	CO25288	6.68	1 1-	4ACSR	0	0	349	125	5	0	0	0.00	2.67	0
CO25389	CO25274	6.22	9 1-	4ACSR	0	0	373	128	61	8	6	0.00	2.65	0
OC761	CO25389	6.22	9 1-	15 H OCR	0	0	373	128	61	8	55	0.00	2.65	0
CO25390	OC761	6.39	9 1-	4ACSR	0	0	364	127	61	8	6	0.06	2.71	6
CO25279	CO25390	6.49	6 1-	4ACSR	0	0	358	126	48	6	5	0.03	2.74	2
CO25278	CO25279	6.68	5 1-	4ACSR	0	0	349	125	42	5	4	0.05	2.79	3
CO25229	CO25278	7.00	4 1-	4ACSR	0	0	335	123	34	4	3	0.07	2.86	4
CO25230	CO25229	7.31	4 1-	4ACSR	0	0	321	121	34	4	3	0.07	2.92	4
CO25285	CO25230	7.65	4 1-	4ACSR	0	0	308	120	34	4	3	0.06	2.98	3
CO25287	CO25285	7.75	3 1-	4ACSR	0	0	304	119	24	3	2	0.01	3.00	0
CO25376	CO25287	7.82	1 1-	2ACSR	0	0	302	119	9	1	1	0.00	3.00	0
CO25375	CO25376	7.89	1 1-	2ACSR	0	0	300	118	9	1	1	0.00	3.00	0
CO25286	CO25287	7.79	2 1-	4ACSR	0	0	303	119	16	2	2	0.00	3.00	0
CO25284	CO25286	7.85	1 1-	4ACSR	0	0	301	118	12	1	1	0.00	3.01	0
CO25282	CO25284	7.94	1 1-	4ACSR	0	0	297	118	12	1	1	0.01	3.01	0
CO1764112850	CO25282	7.99	1 1-	2ACSR	0	0	296	118	12	1	1	0.00	3.02	0
CO-576130715	CO1764112850	8.04	0 1-	2ACSR	0	0	295	118	0	0	0	0.00	3.02	0
CO1059378403	CO1764112850	8.10	1 1-	2ACSR	0	0	293	117	12	1	1	0.00	3.02	0
CO25280	CO25230	7.88	0 1-	4ACSR	0	0	299	118	0	0	0	0.00	2.92	0
CO25281	CO25280	7.94	0 1-	4ACSR	0	0	297	118	0	0	0	0.00	2.92	0
CO25385	CO25281	8.03	0 1-	4ACSR	0	0	294	117	0	0	0	0.00	2.92	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25386	CO25385	8.03	0 1-	4ACSR	0	0	294	117	0	0	0	0.00	2.92	0
CO25242	CO25229	7.09	0 1-	4ACSR	0	0	330	123	0	0	0	0.00	2.86	0
CO25243	CO25278	6.78	1 1-	4ACSR	0	0	345	124	7	1	1	0.00	2.79	0
CO25351	CO25390	6.47	3 1-	4ACSR	0	0	360	126	13	1	1	0.01	2.72	0
CO25353	CO25351	6.54	3 1-	4ACSR	0	0	356	126	13	1	1	0.00	2.72	0
CO25352	CO25353	6.60	2 1-	4ACSR	0	0	353	126	3	0	0	0.00	2.72	0
CO25240	CO-1420448144	5.75	2 1-	4ACSR	0	0	401	131	3	0	0	0.00	2.12	0
CO-1550936185	CO25240	5.80	1 1-	2ACSR	0	0	398	131	1	0	0	0.00	2.12	0
CO25349	CO30434	5.41	2 1-	4ACSR	0	0	420	133	16	2	2	0.01	1.95	0
CO30344	CO25349	5.54	0 1-	4ACSR	0	0	411	132	0	0	0	0.00	1.95	0
CO25350	CO25349	5.47	1 1-	4ACSR	0	0	415	132	12	1	1	0.00	1.95	0
CO24990	CO25157	5.22	15 1-	4ACSR	0	0	433	134	75	10	7	0.09	1.66	10
CO25019	CO24990	5.39	0 1-	4ACSR	0	0	421	133	0	0	0	0.00	1.66	0
CO25018	CO24990	5.36	2 1-	4ACSR	0	0	423	133	5	0	0	0.00	1.66	0
CO25070	CO24990	5.34	10 1-	4ACSR	0	0	425	133	53	7	5	0.03	1.70	3
CO25160	CO25070	5.39	8 1-	4ACSR	0	0	421	133	44	5	4	0.01	1.71	0
CO25159	CO25160	5.47	7 1-	4ACSR	0	0	416	132	33	4	3	0.02	1.72	0
CO25017	CO25159	5.55	1 1-	4ACSR	0	0	410	132	6	0	1	0.00	1.72	0
CO24991	CO25159	5.58	6 1-	4ACSR	0	0	408	131	27	3	3	0.02	1.74	0
CO25103	CO24991	5.62	3 1-	4ACSR	0	0	406	131	5	0	1	0.00	1.74	0
CO25184	CO25103	5.76	1 1-	4ACSR	0	0	397	130	0	0	0	0.00	1.74	0
CO25183	CO25184	5.81	0 1-	4ACSR	0	0	394	130	0	0	0	0.00	1.74	0
CO25014	CO25103	5.78	2 1-	4ACSR	0	0	395	130	5	0	1	0.00	1.75	0
CO24992	CO24991	5.71	3 1-	4ACSR	0	0	400	131	22	2	2	0.02	1.76	0
CO25016	CO24992	5.78	0 1-	4ACSR	0	0	395	130	0	0	0	0.00	1.76	0
CO25071	CO24992	5.80	2 1-	4ACSR	0	0	394	130	22	2	2	0.01	1.77	0
CO25073	CO25071	5.97	2 1-	4ACSR	0	0	384	129	22	2	2	0.02	1.79	0
CO25072	CO25073	6.07	2 1-	4ACSR	0	0	378	128	22	2	2	0.01	1.80	0
CO25105	CO25072	6.13	1 1-	4ACSR	0	0	375	128	12	1	1	0.00	1.81	0
CO25126	CO25105	6.21	1 1-	2ACSR	0	0	372	128	12	1	1	0.00	1.81	0
CO25125	CO25126	6.27	1 1-	2ACSR	0	0	369	127	12	1	1	0.00	1.82	0
CO25104	CO25105	6.19	0 1-	4ACSR	0	0	372	128	0	0	0	0.00	1.81	0
CO25108	CO25104	6.29	0 1-	4ACSR	0	0	367	127	0	0	0	0.00	1.81	0
CO25106	CO25108	6.34	0 1-	4ACSR	0	0	364	127	0	0	0	0.00	1.81	0
CO25107	CO25106	6.41	0 1-	4ACSR	0	0	360	126	0	0	0	0.00	1.81	0
CO25015	CO25072	6.10	1 1-	4ACSR	0	0	377	128	10	1	1	0.00	1.81	0
CO25110	CO24992	5.78	0 1-	4ACSR	0	0	395	130	0	0	0	0.00	1.76	0
CO25128	CO25110	5.84	0 1-	2ACSR	0	0	392	130	0	0	0	0.00	1.76	0
CO25127	CO25128	5.94	0 1-	2ACSR	0	0	388	130	0	0	0	0.00	1.76	0
CO25109	CO25110	5.85	0 1-	4ACSR	0	0	391	130	0	0	0	0.00	1.76	0
CO25112	CO25157	5.13	2 1-	4ACSR	0	0	440	135	11	1	1	0.01	1.58	0
CO25020	CO25112	5.20	1 1-	4ACSR	0	0	435	134	2	0	0	0.00	1.58	0
CO25111	CO25112	5.19	1 1-	4ACSR	0	0	435	134	8	1	1	0.00	1.59	0
CO25023	CO25067	3.88	2 1-	4ACSR	0	0	560	144	4	0	0	0.00	4.31	0
CO25025	CO25068	3.83	0 1-	4ACSR	0	0	567	144	0	0	0	0.00	4.14	0
CO25024	CO25068	3.74	2 1-	4ACSR	0	0	578	145	13	1	1	0.00	4.14	0
CO25198	CO25002	3.61	0 1-	4ACSR	0	0	596	146	0	0	0	0.00	3.93	0
CO25001	CO25056	3.62	11 3-	4ACSR	705	698	590	145	48	2	2	0.01	3.77	0
CO25195	CO25001	3.63	0 1-	4ACSR	0	0	589	145	0	0	0	0.00	3.77	0
CO25060	CO25001	3.87	11 3-	4ACSR	668	662	559	143	48	2	2	0.02	3.79	0
CO25152	CO25060	3.94	11 3-	4ACSR	659	653	551	143	47	2	2	0.01	3.79	0
CO25151	CO25152	4.14	11 3-	4ACSR	631	627	527	141	47	2	2	0.02	3.81	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25150	CO25151	4.19	11 3-	4ACSR	625	621	522	141	47	2	2	0.00	3.82	0
CO25149	CO25150	4.30	10 3-	4ACSR	612	608	511	140	47	2	2	0.01	3.82	0
CO25061	CO25149	4.39	1 1-	4ACSR	0	0	502	140	1	0	0	0.00	3.83	0
CO25154	CO25061	4.47	1 1-	4ACSR	0	0	494	139	1	0	0	0.00	3.83	0
CO25153	CO25154	4.49	0 1-	4ACSR	0	0	493	139	0	0	0	0.00	3.83	0
CO25208	CO25153	4.49	0 1-	4ACSR	0	0	492	139	0	0	0	0.00	3.83	0
SW757-A	CO25208	4.49	0 1-	Open	0	0	492	139	0	0	0	0.00	3.83	0
CO24984	CO25149	4.58	9 3-	4ACSR	580	577	484	138	46	2	2	0.02	3.85	0
CO24985	CO24984	4.77	7 3-	4ACSR	560	558	467	137	39	1	1	0.01	3.86	0
CO25201	CO24985	4.77	4 1-	4ACSR	0	0	467	137	31	4	3	0.00	3.86	0
OC756	CO25201	4.77	4 1-	10 N FUSE	0	0	467	137	31	4	42	0.00	3.86	0
CO25202	OC756	4.83	4 1-	4ACSR	0	0	462	136	31	4	3	0.01	3.87	0
CO25065	CO25202	5.17	3 1-	4ACSR	0	0	435	134	12	1	1	0.02	3.90	0
CO25062	CO25065	5.43	3 1-	4ACSR	0	0	416	132	12	1	1	0.02	3.91	0
CO25064	CO25062	5.55	2 1-	4ACSR	0	0	408	131	9	1	1	0.01	3.92	0
CO25063	CO25064	5.63	2 1-	4ACSR	0	0	403	131	9	1	1	0.00	3.92	0
CO25012	CO25202	4.88	1 1-	4ACSR	0	0	457	136	19	2	2	0.00	3.88	0
CO24986	CO24985	5.02	3 3-	4ACSR	535	534	446	135	9	0	0	0.00	3.87	0
CO25066	CO24986	5.14	1 3-	4ACSR	525	523	437	134	0	0	0	0.00	3.87	0
CO25156	CO25066	5.29	1 3-	4ACSR	512	511	426	133	0	0	0	0.00	3.87	0
CO25155	CO25156	5.52	1 3-	4ACSR	493	492	410	132	0	0	0	0.00	3.87	0
CO24987	CO25155	5.64	0 3-	4ACSR	483	483	402	131	0	0	0	0.00	3.87	0
CO25102	CO24986	5.08	2 1-	4ACSR	0	0	442	135	9	1	1	0.00	3.87	0
CO25101	CO25102	5.21	1 1-	4ACSR	0	0	432	134	0	0	0	0.00	3.87	0
CO25013	CO24984	4.69	1 1-	4ACSR	0	0	474	137	7	0	1	0.00	3.85	0
CO25145	CO25057	3.19	2 1-	4ACSR	0	0	656	149	14	1	1	0.00	3.49	0
CO25144	CO25145	3.30	1 1-	4ACSR	0	0	637	148	4	0	0	0.00	3.49	0
CO25008	CO24980	3.13	1 1-	4ACSR	0	0	666	149	9	1	1	0.00	3.46	0
CO25007	CO25148	3.10	2 1-	4ACSR	0	0	670	150	10	1	1	0.00	3.43	0
CO25048	CO25179	2.33	0 1-	4ACSR	0	0	836	156	0	0	0	0.00	2.73	0
CO25047	CO25179	2.29	7 1-	4ACSR	0	0	846	157	26	3	3	0.00	2.73	0
CO25095	CO25047	2.38	7 1-	4ACSR	0	0	823	156	26	3	3	0.01	2.74	0
CO25005	CO25095	2.45	2 1-	4ACSR	0	0	805	155	8	1	1	0.00	2.74	0
CO25097	CO25095	2.53	3 1-	4ACSR	0	0	786	154	10	1	1	0.01	2.75	0
CO25096	CO25097	2.59	1 1-	4ACSR	0	0	773	154	2	0	0	0.00	2.75	0
CO25004	CO25097	2.59	2 1-	4ACSR	0	0	773	154	8	1	1	0.00	2.75	0
CO1165520939	CO881716204	2.26	1 1-	1/0PRIURD	0	0	857	337	8	1	1	0.00	2.68	0
CO14727	CO14760	2.16	0 1-	4ACSR	0	0	878	158	0	0	0	0.00	2.49	0
CO14738	CO14727	2.48	0 1-	4ACSR	0	0	794	155	0	0	0	0.00	2.49	0
CO14737	CO14727	2.25	0 1-	4ACSR	0	0	852	157	0	0	0	0.00	2.49	0
CO14783	CO14725	1.36	11 1-	4ACSR	0	0	1184	165	43	5	4	0.00	1.75	0
OC435	CO14783	1.36	11 1-	10 N FUSE	0	0	1184	165	43	5	58	0.00	1.75	0
CO30590	OC435	1.57	11 1-	4ACSR	0	0	1087	163	43	5	4	0.05	1.80	4
CO25094	CO30590	1.74	1 1-	4ACSR	0	0	1018	162	7	1	1	0.00	1.81	0
CO25092	CO25094	1.78	0 1-	4ACSR	0	0	1004	161	0	0	0	0.00	1.81	0
CO25177	CO25092	1.87	0 1-	4ACSR	0	0	970	160	0	0	0	0.00	1.81	0
CO25176	CO25177	1.89	0 1-	4ACSR	0	0	963	160	0	0	0	0.00	1.81	0
CO25093	CO25176	2.00	0 1-	4ACSR	0	0	925	159	0	0	0	0.00	1.81	0
CO25142	CO30590	1.62	10 1-	6ACWC	0	0	1064	163	35	4	3	0.01	1.81	0
CO25141	CO25142	1.76	8 1-	6ACWC	0	0	1010	161	32	4	3	0.03	1.84	0
CO25143	CO25141	1.82	7 1-	6ACWC	0	0	987	161	32	4	3	0.01	1.85	0
CO25091	CO25143	1.89	6 1-	6ACWC	0	0	964	160	31	4	3	0.01	1.86	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25175	CO25091	1.92	6 1-	6ACWC	0	0	954	160	31	4	3	0.01	1.87	0
CO25174	CO25175	1.97	6 1-	6ACWC	0	0	938	159	31	4	3	0.01	1.88	0
CO25122	CO25174	2.02	3 1-	4ACSR	0	0	920	159	19	2	2	0.01	1.88	0
CO25120	CO25122	2.08	3 1-	4ACSR	0	0	901	158	19	2	2	0.01	1.89	0
CO25045	CO25120	2.16	1 1-	4ACSR	0	0	879	158	13	1	1	0.00	1.89	0
CO25119	CO25120	2.19	0 1-	4ACSR	0	0	869	157	0	0	0	0.00	1.89	0
CO25121	CO25119	2.29	0 1-	4ACSR	0	0	843	156	0	0	0	0.00	1.89	0
CO25044	CO25174	2.01	1 1-	4ACSR	0	0	926	159	0	0	0	0.00	1.88	0
CO25043	CO25174	2.14	2 1-	4ACSR	0	0	885	158	11	1	1	0.01	1.88	0
CO25046	CO25143	1.94	1 1-	4ACSR	0	0	948	160	1	0	0	0.00	1.85	0
CO14765	CO14767	1.17	0 1-	4ACSR	0	0	1284	167	0	0	0	0.00	1.41	0
CO14766	CO14765	1.32	0 1-	4ACSR	0	0	1202	166	0	0	0	0.00	1.41	0
CO25042	CO25086	0.53	1 1-	4ACSR	0	0	1752	174	9	1	1	0.00	0.70	0
OH189+	SNOW HILL	0.01	264 3-	336ACSR	2655	2819	2803	354	1039	23	4	0.00	0.00	0
OCD231+	OH189	0.01	264 3-	560 200WVE	2655	2819	2803	354	1039	23	4	0.00	0.00	0
OH190+	OCD231	0.04	264 3-	336ACSR	2647	2805	2789	354	1039	23	4	0.00	0.00	2
OH191+	OH190	0.13	264 3-	336ACSR	2617	2754	2736	353	1039	23	4	0.01	0.01	9
OH192+	OH191	0.19	264 3-	336ACSR	2596	2719	2701	353	1039	23	4	0.00	0.01	6
OH193+	OH192	0.23	264 3-	336ACSR	2584	2699	2679	353	1039	23	4	0.00	0.02	4
CO-1835549090+	OH193	0.27	264 3-	336ACSR	2571	2678	2657	352	1039	23	4	0.00	0.02	4
CO26376+	CO-1835549090	0.33	1 1-	4ACSR	0	0	2613	351	2	0	0	0.00	0.02	0
CO-1316195432+	CO-1835549090	0.32	1 1-	2ACSR	0	0	2621	352	6	0	0	0.00	0.02	0
CO-2126302949+	CO-1835549090	0.33	262 3-	336ACSR	2553	2650	2627	352	1031	23	4	0.00	0.02	5
CO26497+	CO-2126302949	0.52	261 3-	336ACSR	2497	2562	2533	351	1028	23	4	0.01	0.04	18
CO26375+	CO26497	0.59	0 1-	4ACSR	0	0	2475	350	0	0	0	0.00	0.04	0
CO26498+	CO26497	0.61	261 3-	336ACSR	2469	2520	2488	351	1028	23	4	0.01	0.05	9
CO-1291726628+	CO26498	0.64	0 1-	2ACSR	0	0	2467	350	0	0	0	0.00	0.05	0
CO26499+	CO26498	0.71	260 3-	336ACSR	2442	2480	2444	350	1024	22	4	0.01	0.05	9
SW818-B+	CO26499	0.71	0 1-	Open	0	0	2444	350	0	0	0	0.00	0.05	0
CO26358+	CO26499	0.78	12 1-	4ACSR	0	0	2390	349	53	3	3	0.01	0.06	0
CO26357+	CO26358	1.09	10 1-	4ACSR	0	0	2177	342	39	2	2	0.02	0.08	0
CO30347+	CO26357	1.23	6 1-	4ACSR	0	0	2086	339	19	1	1	0.00	0.08	0
CO25171+	CO30347	1.24	5 1-	4ACSR	0	0	2079	339	16	1	1	0.00	0.08	0
CO25084+	CO25171	1.45	5 1-	4ACSR	0	0	1952	334	16	1	1	0.00	0.08	0
CO25138+	CO25084	1.51	3 1-	4ACSR	0	0	1915	333	10	0	0	0.00	0.09	0
CO30353+	CO25138	1.78	2 1-	4ACSR	0	0	1768	327	10	0	0	0.00	0.09	0
CO26513+	CO30353	1.80	1 1-	4ACSR	0	0	1761	327	2	0	0	0.00	0.09	0
CO26429+	CO26513	1.86	1 1-	4ACSR	0	0	1730	326	2	0	0	0.00	0.09	0
CO25040+	CO25084	1.79	1 1-	4ACSR	0	0	1766	327	2	0	0	0.00	0.09	0
CO26431+	CO26357	1.34	3 1-	4ACSR	0	0	2015	336	19	1	1	0.01	0.08	0
CO26430+	CO26431	1.36	2 1-	4ACSR	0	0	2004	336	9	0	0	0.00	0.08	0
CO30346+	CO26430	1.48	1 1-	4ACSR	0	0	1936	334	7	0	0	0.00	0.08	0
CO26467+	CO26430	1.46	1 1-	4ACSR	0	0	1947	334	2	0	0	0.00	0.08	0
CO26466+	CO26467	1.52	1 1-	4ACSR	0	0	1909	333	2	0	0	0.00	0.08	0
CO26377+	CO26357	1.17	1 1-	4ACSR	0	0	2127	340	1	0	0	0.00	0.08	0
CO26378+	CO26358	0.83	2 1-	4ACSR	0	0	2356	348	14	0	1	0.00	0.06	0
CO26379+	CO26499	0.81	2 1-	4ACSR	0	0	2370	348	2	0	0	0.00	0.05	0
OH220+	CO26499	0.78	246 3-	336ACSR	2422	2452	2412	350	969	21	4	0.00	0.06	6
OH221+	OH220	0.91	246 3-	336ACSR	2385	2399	2354	349	969	21	4	0.01	0.07	11
OH222+	OH221	0.96	246 3-	336ACSR	2372	2381	2333	349	969	21	4	0.00	0.07	4
OH223+	OH222	1.06	246 3-	336ACSR	2345	2344	2291	349	969	21	4	0.01	0.08	9

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OH224+	OH223	1.17	246 3-	336ACSR	2317	2306	2249	348	969	21	4	0.01	0.08	9
OH225+	OH224	1.34	246 3-	336ACSR	2274	2249	2185	347	969	21	4	0.01	0.10	14
OH226+	OH225	1.53	246 3-	336ACSR	2228	2191	2118	347	968	21	4	0.01	0.11	16
OH227+	OH226	1.67	246 3-	336ACSR	2194	2148	2069	346	968	21	4	0.01	0.12	12
OH228+	OH227	1.72	246 3-	336ACSR	2184	2135	2054	346	968	21	4	0.00	0.12	4
CO26485+	OH228	1.77	1 1-	2ACSR	0	0	2031	345	7	0	0	0.00	0.12	0
CO26484+	CO26485	1.82	1 1-	2ACSR	0	0	2008	344	7	0	0	0.00	0.12	0
CO26483+	CO26484	1.86	1 1-	2ACSR	0	0	1991	344	7	0	0	0.00	0.12	0
CO26486+	OH228	1.86	245 3-	336ACSR	2153	2097	2010	345	961	21	4	0.01	0.13	11
CO26464+	CO26486	1.99	245 3-	336ACSR	2124	2062	1970	344	961	21	4	0.01	0.14	11
CO26505+	CO26464	2.02	245 3-	336ACSR	2117	2054	1961	344	961	21	4	0.00	0.14	2
CO26504+	CO26505	2.08	245 3-	336ACSR	2103	2038	1942	344	961	21	4	0.00	0.15	5
CO26465+	CO26504	2.17	243 3-	336ACSR	2085	2016	1917	343	959	21	4	0.01	0.15	7
CO26355+	CO26465	2.34	243 3-	336ACSR	2050	1975	1870	343	959	21	4	0.01	0.17	14
CO26445+	CO26355	2.51	243 3-	336ACSR	2016	1936	1825	342	958	21	4	0.01	0.18	14
CO26446+	CO26445	2.55	243 3-	336ACSR	2009	1928	1816	342	958	21	4	0.00	0.18	3
CO-2049075309+	CO26446	2.60	1 1-	2ACSR	0	0	1796	341	0	0	0	0.00	0.18	0
CO26447+	CO26446	2.68	242 3-	336ACSR	1984	1899	1783	341	958	21	4	0.01	0.19	11
CO26448+	CO26447	2.71	240 3-	336ACSR	1977	1892	1774	341	954	21	4	0.00	0.19	3
CO26449+	CO26448	2.78	240 3-	336ACSR	1965	1879	1758	341	954	21	4	0.00	0.20	5
CO26450+	CO26449	2.82	240 3-	336ACSR	1957	1870	1748	340	954	21	4	0.00	0.20	4
CO26451+	CO26450	2.88	238 3-	336ACSR	1946	1859	1735	340	953	21	4	0.00	0.20	5
CO26452+	CO26451	2.94	238 3-	336ACSR	1936	1848	1721	340	953	21	4	0.00	0.21	5
CO26405+	CO26452	2.96	132 3-	1/0ACSR	1930	1842	1714	340	519	11	5	0.00	0.21	0
CO26406+	CO26405	3.04	132 3-	1/0ACSR	1909	1820	1690	339	519	11	5	0.01	0.22	6
CO26407+	CO26406	3.09	132 3-	1/0ACSR	1898	1808	1677	338	519	11	5	0.00	0.22	4
CO26408+	CO26407	3.16	132 3-	1/0ACSR	1879	1789	1655	337	519	11	5	0.01	0.23	6
CO30444+	CO26408	3.20	132 3-	1/0ACSR	1870	1779	1644	337	518	11	5	0.00	0.23	3
CO30520+	CO30444	3.26	1 1-	4ACSR	0	0	1621	336	3	0	0	0.00	0.23	0
CO26368+	CO30520	3.31	1 1-	4ACSR	0	0	1603	335	3	0	0	0.00	0.23	0
CO26456+	CO30520	3.40	0 1-	4ACSR	0	0	1572	333	0	0	0	0.00	0.23	0
CO26864+	CO30444	3.26	1 1-	4ACSR	0	0	1620	336	6	0	0	0.00	0.23	0
CO26865+	CO26864	3.30	1 1-	4ACSR	0	0	1606	335	6	0	0	0.00	0.23	0
CO26943+	CO30444	3.36	130 3-	1/0ACSR	1830	1737	1599	335	510	11	5	0.02	0.25	12
CO26931+	CO26943	3.40	130 3-	1/0ACSR	1822	1728	1589	335	510	11	5	0.00	0.25	3
CO26930+	CO26931	3.43	130 3-	1/0ACSR	1813	1719	1580	335	510	11	5	0.00	0.26	3
CO26766+	CO26930	3.57	130 3-	1/0ACSR	1782	1687	1545	333	510	11	5	0.01	0.27	10
CO26950+	CO26766	3.58	10 1-	4ACSR	0	0	1540	333	41	2	2	0.00	0.27	0
CO26951+	CO26950	3.61	6 1-	4ACSR	0	0	1530	332	21	1	1	0.00	0.27	0
CO26882+	CO26951	3.63	4 1-	4ACSR	0	0	1524	332	12	0	1	0.00	0.27	0
CO26883+	CO26882	3.78	3 1-	4ACSR	0	0	1477	329	11	0	1	0.00	0.27	0
CO26884+	CO26883	3.91	3 1-	4ACSR	0	0	1435	326	11	0	1	0.00	0.27	0
CO26885+	CO26884	3.94	1 1-	4ACSR	0	0	1427	326	0	0	0	0.00	0.27	0
CO26940+	CO26951	3.72	2 1-	4ACSR	0	0	1495	330	9	0	0	0.00	0.27	0
CO26886+	CO26940	3.77	2 1-	4ACSR	0	0	1479	329	9	0	0	0.00	0.27	0
CO26887+	CO26886	3.81	2 1-	4ACSR	0	0	1465	328	9	0	0	0.00	0.27	0
CO26888+	CO26887	3.87	1 1-	4ACSR	0	0	1448	327	7	0	0	0.00	0.27	0
CO26828+	CO26766	3.60	120 3-	1/0ACSR	1775	1680	1538	333	469	10	5	0.00	0.27	0
CO26827+	CO26828	3.76	120 3-	1/0ACSR	1739	1643	1498	331	469	10	5	0.01	0.29	10
CO26981+	CO26827	3.80	120 3-	1/0ACSR	1729	1634	1487	331	469	10	5	0.00	0.29	3
CO26982+	CO26981	3.87	119 3-	1/0ACSR	1714	1620	1471	330	468	10	5	0.01	0.30	4
CO26875+	CO26982	3.97	111 3-	1/0ACSR	1694	1599	1448	329	439	9	4	0.01	0.30	5

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26876+	CO26875	4.00	111 3-	1/0ACSR	1687	1592	1441	329	439	9	4	0.00	0.31	0
CO26833+	CO26876	4.06	106 3-	1/0ACSR	1674	1580	1427	328	424	9	4	0.00	0.31	3
CO26834+	CO26833	4.13	106 3-	1/0ACSR	1661	1567	1414	328	424	9	4	0.01	0.32	3
CO26835+	CO26834	4.21	106 3-	1/0ACSR	1644	1551	1396	327	424	9	4	0.01	0.32	4
CO26836+	CO26835	4.24	105 3-	1/0ACSR	1639	1545	1390	326	415	9	4	0.00	0.32	0
CO26765+	CO26836	4.31	99 3-	1/0ACSR	1623	1530	1374	326	378	8	4	0.01	0.33	3
CO26824+	CO26765	4.33	1 1-	2ACSR	0	0	1369	325	4	0	0	0.00	0.33	0
CO26988+	CO26765	4.33	98 3-	1/0ACSR	1620	1527	1370	326	374	8	4	0.00	0.33	0
CO26825+	CO26988	4.35	1 1-	2ACSR	0	0	1366	325	10	0	0	0.00	0.33	0
CO26787+	CO26988	4.35	1 1-	4ACSR	0	0	1365	325	2	0	0	0.00	0.33	0
CO26987+	CO26988	4.52	96 3-	1/0ACSR	1583	1491	1332	324	361	8	4	0.01	0.34	7
CO26823+	CO26987	4.56	1 1-	4ACSR	0	0	1322	323	9	0	0	0.00	0.34	0
CO26780+	CO26987	4.64	95 3-	1/0ACSR	1562	1470	1310	323	352	7	3	0.01	0.35	4
CO26869+	CO26780	4.65	1 1-	2ACSR	0	0	1307	322	0	0	0	0.00	0.35	0
CO26870+	CO26869	4.68	1 1-	2ACSR	0	0	1301	322	0	0	0	0.00	0.35	0
CO26779+	CO26780	4.69	94 3-	1/0ACSR	1552	1461	1300	322	352	7	3	0.00	0.36	0
CO26812+	CO26779	4.73	0 1-	4ACSR	0	0	1290	321	0	0	0	0.00	0.36	0
CO26907+	CO26779	4.77	94 3-	1/0ACSR	1537	1446	1285	321	352	7	3	0.01	0.36	3
CO26906+	CO26907	4.88	93 3-	1/0ACSR	1518	1428	1265	320	341	7	3	0.01	0.37	4
CO26872+	CO26906	4.90	10 1-	2ACSR	0	0	1261	320	29	1	1	0.00	0.37	0
CO26873+	CO26872	4.92	10 1-	2ACSR	0	0	1258	320	29	1	1	0.00	0.37	0
CO26874+	CO26873	4.94	9 1-	2ACSR	0	0	1254	319	27	1	1	0.00	0.37	0
CO30492+	CO26874	5.16	7 1-	2ACSR	0	0	1211	316	25	1	1	0.01	0.38	0
CO26444+	CO30492	5.23	7 1-	2ACSR	0	0	1198	315	25	1	1	0.00	0.38	0
CO26443+	CO26444	5.27	6 1-	2ACSR	0	0	1189	315	16	1	1	0.00	0.38	0
CO26442+	CO26443	5.30	5 1-	2ACSR	0	0	1185	315	12	0	0	0.00	0.38	0
CO26441+	CO26442	5.39	5 1-	2ACSR	0	0	1168	313	12	0	0	0.00	0.38	0
CO26510+	CO26441	5.43	5 1-	2ACSR	0	0	1160	313	12	0	0	0.00	0.38	0
CO26511+	CO26510	5.76	4 1-	2ACSR	0	0	1105	308	5	0	0	0.00	0.38	0
CO26440+	CO26511	5.90	4 1-	2ACSR	0	0	1083	307	5	0	0	0.00	0.38	0
CO26508+	CO26440	6.02	3 1-	2ACSR	0	0	1064	305	3	0	0	0.00	0.38	0
CO26509+	CO26508	6.19	2 1-	2ACSR	0	0	1039	303	3	0	0	0.00	0.38	0
CO26557+	CO26509	6.20	1 1-	2ACSR	0	0	1037	303	3	0	0	0.00	0.38	0
CO26558+	CO26557	6.21	1 1-	2ACSR	0	0	1037	303	3	0	0	0.00	0.38	0
CO26427+	CO26558	6.27	1 1-	4ACSR	0	0	1025	302	3	0	0	0.00	0.38	0
CO26428+	CO26427	6.56	1 1-	4ACSR	0	0	977	297	3	0	0	0.00	0.38	0
CO26559+	CO26428	6.84	1 1-	4ACSR	0	0	933	292	3	0	0	0.00	0.39	0
CO26507+	CO26559	7.00	1 1-	4ACSR	0	0	910	289	3	0	0	0.00	0.39	0
CO26563+	CO26507	6.30	1 1-	4ACSR	0	0	1020	301	0	0	0	0.00	0.38	0
CO26564+	CO26563	6.40	0 1-	4ACSR	0	0	1003	299	0	0	0	0.00	0.38	0
CO26778+	CO26564	4.97	83 3-	1/0ACSR	1502	1413	1249	319	312	6	3	0.01	0.37	2
CO26777+	CO26778	5.08	80 3-	1/0ACSR	1484	1396	1231	318	301	6	3	0.01	0.38	3
CO26784+	CO26777	5.22	80 3-	1/0ACSR	1460	1372	1207	317	301	6	3	0.01	0.39	4
CO26905+	CO26784	5.33	77 3-	1/0ACSR	1442	1356	1190	316	293	6	3	0.01	0.39	3
CO26947+	CO26905	5.42	77 3-	1/0ACSR	1429	1343	1177	315	293	6	3	0.00	0.40	0
CO26822+	CO26947	5.46	2 1-	2ACSR	0	0	1169	314	2	0	0	0.00	0.40	0
CO26946+	CO26947	5.48	75 3-	1/0ACSR	1418	1333	1166	314	292	6	3	0.00	0.40	0
CO26942+	CO26946	5.53	75 3-	1/0ACSR	1412	1327	1160	314	292	6	3	0.00	0.40	0
CO26810+	CO26942	5.56	1 1-	4ACSR	0	0	1153	313	7	0	0	0.00	0.40	0
CO26941+	CO26942	5.60	74 3-	1/0ACSR	1401	1316	1149	313	285	6	3	0.00	0.41	0
CO26924+	CO26941	5.67	74 3-	1/0ACSR	1389	1306	1138	313	285	6	3	0.00	0.41	0
CO26923+	CO26924	5.74	74 3-	1/0ACSR	1379	1296	1128	312	285	6	3	0.00	0.42	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26929+	CO26923	5.81	60 3-	1/0ACSR	1369	1287	1119	311	227	5	2	0.00	0.42	0
CO26973+	CO26929	5.94	59 3-	1/0ACSR	1350	1269	1100	310	227	5	2	0.01	0.42	0
CO26972+	CO26973	6.10	59 3-	1/0ACSR	1328	1248	1079	309	227	5	2	0.01	0.43	2
CO26862+	CO26972	6.12	2 1-	4ACSR	0	0	1075	308	21	1	1	0.00	0.43	0
CO26863+	CO26862	6.16	1 1-	4ACSR	0	0	1069	308	12	0	1	0.00	0.43	0
CO26922+	CO26972	6.13	56 3-	1/0ACSR	1324	1243	1075	308	206	4	2	0.00	0.43	0
CO26921+	CO26922	6.16	56 3-	1/0ACSR	1320	1240	1071	308	206	4	2	0.00	0.43	0
CO26920+	CO26921	6.22	54 3-	1/0ACSR	1311	1232	1063	307	203	4	2	0.00	0.44	0
CO26919+	CO26920	6.27	54 3-	1/0ACSR	1305	1225	1057	307	203	4	2	0.00	0.44	0
CO26918+	CO26919	6.33	53 3-	1/0ACSR	1297	1218	1050	307	195	4	2	0.00	0.44	0
CO26917+	CO26918	6.40	50 3-	1/0ACSR	1288	1210	1042	306	187	4	2	0.00	0.44	0
CO26983+	CO26917	6.65	0 1-	4ACSR	0	0	999	301	0	0	0	0.00	0.44	0
CO26984+	CO26983	6.67	0 1-	4ACSR	0	0	996	301	0	0	0	0.00	0.44	0
CO26853+	CO26984	6.72	0 1-	4ACSR	0	0	989	300	0	0	0	0.00	0.44	0
CO26854+	CO26853	6.75	0 1-	4ACSR	0	0	983	300	0	0	0	0.00	0.44	0
CO26904+	CO26917	6.43	50 3-	1/0ACSR	1284	1206	1038	306	187	4	2	0.00	0.44	0
CO26903+	CO26904	6.48	48 3-	1/0ACSR	1278	1201	1032	305	179	4	2	0.00	0.45	0
CO26902+	CO26903	6.64	48 3-	1/0ACSR	1257	1181	1012	304	179	4	2	0.01	0.45	0
CO26803+	CO26902	6.69	1 1-	4ACSR	0	0	1004	303	7	0	0	0.00	0.45	0
CO26802+	CO26902	6.69	3 1-	4ACSR	0	0	1004	303	8	0	0	0.00	0.45	0
CO26985+	CO26902	6.65	31 1-	4ACSR	0	0	1011	304	91	6	4	0.00	0.45	0
OC826+	CO26985	6.65	31 1-	35 H OCR	0	0	1011	304	91	6	18	0.00	0.45	0
XFMR77	OC826	6.65	31 1-	167 KVA 1PH AUT	0	0	613	167	91	6	53	0.28	0.74	0
CO26986	XFMR77	6.96	31 1-	4ACSR	0	0	586	164	91	12	9	0.17	0.90	25
CO26772	CO26986	7.08	30 1-	4ACSR	0	0	574	163	88	11	9	0.07	0.97	10
CO26966	CO26772	7.12	26 1-	4ACSR	0	0	572	162	83	11	8	0.02	0.99	0
CO26975	CO26966	7.61	25 1-	4ACSR	0	0	530	158	81	10	8	0.24	1.23	32
CO26976	CO26975	7.72	25 1-	4ACSR	0	0	521	157	81	10	8	0.05	1.28	7
CO26958	CO26976	8.04	25 1-	4ACSR	0	0	497	154	81	10	8	0.15	1.43	20
CO26959	CO26958	8.07	24 1-	4ACSR	0	0	494	153	78	10	8	0.01	1.45	0
CO26781	CO26959	8.20	12 1-	4ACSR	0	0	485	152	51	6	5	0.04	1.49	3
CO30496	CO26781	8.59	9 1-	4ACSR	0	0	457	149	27	3	3	0.05	1.54	0
CO29315	CO30496	8.74	6 1-	4ACSR	0	0	447	147	14	1	1	0.01	1.56	0
CO29343	CO29315	8.79	2 1-	4ACSR	0	0	444	147	0	0	0	0.00	1.56	0
CO29344	CO29343	8.87	1 1-	4ACSR	0	0	439	146	0	0	0	0.00	1.56	0
CO29323	CO29315	8.84	4 1-	4ACSR	0	0	441	147	14	1	1	0.01	1.56	0
CO29324	CO29323	9.00	4 1-	4ACSR	0	0	430	145	14	1	1	0.01	1.58	0
CO29379	CO29324	9.11	2 1-	4ACSR	0	0	424	144	4	0	0	0.00	1.58	0
CO29380	CO29379	9.23	2 1-	4ACSR	0	0	417	143	4	0	0	0.00	1.58	0
CO29316	CO29324	9.40	2 1-	4ACSR	0	0	407	142	10	1	1	0.02	1.60	0
CO29377	CO29316	9.42	1 1-	4ACSR	0	0	406	142	10	1	1	0.00	1.60	0
CO29378	CO29377	9.45	1 1-	4ACSR	0	0	404	142	10	1	1	0.00	1.60	0
CO29376	CO29378	9.52	1 1-	4ACSR	0	0	401	141	10	1	1	0.00	1.61	0
CO29340	CO29323	8.87	0 1-	4ACSR	0	0	439	146	0	0	0	0.00	1.56	0
CO29342	CO30496	8.65	2 1-	4ACSR	0	0	453	148	3	0	0	0.00	1.54	0
CO29381	CO29342	8.69	1 1-	4ACSR	0	0	450	148	3	0	0	0.00	1.54	0
CO29382	CO29381	8.76	1 1-	4ACSR	0	0	446	147	3	0	0	0.00	1.55	0
CO26860	CO26781	8.25	3 1-	4ACSR	0	0	481	152	23	3	2	0.00	1.49	0
CO26861	CO26860	8.28	1 1-	4ACSR	0	0	479	151	9	1	1	0.00	1.49	0
CO26771	CO26959	8.22	12 1-	4ACSR	0	0	483	152	28	3	3	0.03	1.47	0
CO26775	CO26771	8.27	9 1-	4ACSR	0	0	480	152	18	2	2	0.00	1.48	0
CO26935	CO26775	8.36	8 1-	4ACSR	0	0	473	151	16	2	2	0.01	1.49	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26819	CO26935	8.40	1 1-	2/0ACSR	0	0	471	151	0	0	0	0.00	1.49	0
CO26962	CO26935	8.44	6 1-	4ACSR	0	0	467	150	14	1	1	0.01	1.49	0
CO26963	CO26962	8.57	5 1-	4ACSR	0	0	458	149	10	1	1	0.01	1.50	0
CO-459276728	CO26963	8.64	4 1-	2ACSR	0	0	455	148	7	1	1	0.00	1.50	0
CO26776	CO-459276728	8.70	3 1-	4ACSR	0	0	451	148	6	0	1	0.00	1.50	0
CO26806	CO26776	8.77	1 1-	4ACSR	0	0	446	147	0	0	0	0.00	1.50	0
CO26915	CO26776	8.79	2 1-	4ACSR	0	0	445	147	6	0	1	0.00	1.51	0
CO26916	CO26915	8.87	2 1-	4ACSR	0	0	439	146	6	0	1	0.00	1.51	0
CO26809	CO26916	8.94	1 1-	4ACSR	0	0	435	146	4	0	0	0.00	1.51	0
CO26912	CO26916	9.09	1 1-	4ACSR	0	0	426	145	2	0	0	0.00	1.51	0
CO26913	CO26912	9.21	0 1-	4ACSR	0	0	419	144	0	0	0	0.00	1.51	0
CO26914	CO26913	9.34	0 1-	4ACSR	0	0	411	143	0	0	0	0.00	1.51	0
CO26816	CO26914	9.39	0 1-	4ACSR	0	0	408	142	0	0	0	0.00	1.51	0
CO26817	CO-459276728	8.71	1 1-	2ACSR	0	0	451	148	1	0	0	0.00	1.50	0
CO-600350333	CO26963	8.59	0 1-	2ACSR	0	0	457	149	0	0	0	0.00	1.50	0
CO26807	CO26775	8.32	1 1-	4ACSR	0	0	476	151	2	0	0	0.00	1.48	0
CO26908	CO26771	8.34	3 1-	4ACSR	0	0	474	151	10	1	1	0.01	1.48	0
CO26909	CO26908	8.42	3 1-	4ACSR	0	0	469	150	10	1	1	0.00	1.49	0
CO26960	CO26909	8.47	3 1-	4ACSR	0	0	465	150	10	1	1	0.00	1.49	0
CO26961	CO26960	8.52	2 1-	4ACSR	0	0	462	149	10	1	1	0.00	1.49	0
CO26910	CO26961	8.64	2 1-	4ACSR	0	0	454	148	10	1	1	0.00	1.50	0
CO26911	CO26910	8.68	1 1-	4ACSR	0	0	451	148	0	0	0	0.00	1.50	0
CO26964	CO26772	7.18	4 1-	4ACSR	0	0	566	162	6	0	1	0.00	0.98	0
CO26965	CO26964	7.23	3 1-	4ACSR	0	0	562	161	6	0	1	0.00	0.98	0
CO26900	CO26965	7.34	3 1-	4ACSR	0	0	552	160	6	0	1	0.00	0.98	0
CO26901	CO26900	7.44	3 1-	4ACSR	0	0	544	159	6	0	1	0.00	0.99	0
CO26773	CO26901	7.53	2 1-	4ACSR	0	0	537	158	2	0	0	0.00	0.99	0
CO26813	CO26773	7.58	1 1-	4ACSR	0	0	533	158	2	0	0	0.00	0.99	0
CO26774	CO26773	7.62	1 1-	4ACSR	0	0	529	157	0	0	0	0.00	0.99	0
CO26782	CO26774	7.74	1 1-	4ACSR	0	0	520	156	0	0	0	0.00	0.99	0
CO26814	CO26782	7.85	1 1-	4ACSR	0	0	511	155	0	0	0	0.00	0.99	0
CO26805	CO26782	7.93	0 1-	4ACSR	0	0	505	155	0	0	0	0.00	0.99	0
CO26815	CO26774	7.66	0 1-	4ACSR	0	0	525	157	0	0	0	0.00	0.99	0
CO26804	CO26901	7.51	1 1-	4ACSR	0	0	538	159	4	0	0	0.00	0.99	0
CO822523706	CO26804	7.54	1 1-	2ACSR	0	0	536	158	4	0	0	0.00	0.99	0
CO26851	CO26986	7.00	1 1-	4ACSR	0	0	582	164	2	0	0	0.00	0.90	0
CO26852	CO26851	7.02	1 1-	4ACSR	0	0	580	163	2	0	0	0.00	0.90	0
CO26937+	CO26902	6.99	12 3-	1/0ACSR	1215	1141	973	301	70	1	1	0.00	0.46	0
CO26821+	CO26937	7.02	1 1-	2ACSR	0	0	969	300	6	0	0	0.00	0.46	0
CO26936+	CO26937	7.26	11 3-	1/0ACSR	1184	1112	945	298	64	1	1	0.00	0.46	0
CO26897+	CO26936	7.38	9 3-	1/0ACSR	1170	1099	933	297	41	0	0	0.00	0.46	0
CO26898+	CO26897	7.44	9 3-	1/0ACSR	1165	1094	928	297	41	0	0	0.00	0.46	0
CO26899+	CO26898	7.48	9 3-	1/0ACSR	1159	1089	923	296	41	0	0	0.00	0.46	0
CO26569+	CO26899	7.51	9 3-	1/0ACSR	1156	1087	920	296	41	0	0	0.00	0.46	0
CO26610+	CO26569	7.55	9 3-	1/0ACSR	1152	1083	917	296	41	0	0	0.00	0.46	0
CO26613+	CO26610	7.59	7 3-	1/0ACSR	1148	1078	912	295	20	0	0	0.00	0.46	0
CO26614+	CO26613	7.77	7 3-	1/0ACSR	1130	1062	896	294	20	0	0	0.00	0.46	0
CO26615+	CO26614	7.87	6 3-	1/0ACSR	1119	1052	887	293	15	0	0	0.00	0.46	0
CO26616+	CO26615	7.93	5 3-	1/0ACSR	1113	1046	882	293	15	0	0	0.00	0.46	0
CO26621+	CO26616	7.96	3 1-	4ACSR	0	0	877	292	11	0	1	0.00	0.46	0
CO26622+	CO26621	8.05	1 1-	4ACSR	0	0	866	291	0	0	0	0.00	0.46	0
CO26617+	CO26622	8.17	1 1-	4ACSR	0	0	852	289	0	0	0	0.00	0.46	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26620+	CO26616	8.06	2 3-	1/0ACSR	1101	1034	870	291	5	0	0	0.00	0.46	0
CO26753+	CO26620	8.13	0 3-	1/0ACSR	1094	1028	864	291	0	0	0	0.00	0.46	0
OC825	CO26753	8.13	0 3-	100 E OCR	1094	1028	864	291	0	0	0	125.54	126.00	0
CO26611+	CO26610	7.58	2 2-	4ACSR	0	1079	913	295	21	0	1	0.00	0.46	0
CO26609+	CO26611	7.61	1 1-	2ACSR	0	0	909	295	6	0	0	0.00	0.46	0
CO26612+	CO26611	7.63	1 2-	4ACSR	0	1072	906	294	15	0	0	0.00	0.46	0
CO622804538+	CO26936	7.30	1 1-	2ACSR	0	0	940	298	6	0	0	0.00	0.46	0
CO1100090106+	CO622804538	7.33	1 1-	2ACSR	0	0	937	297	6	0	0	0.00	0.46	0
CO26811+	CO26923	5.82	1 1-	4ACSR	0	0	1114	311	11	0	1	0.00	0.42	0
CO26925+	CO26923	5.77	12 1-	4ACSR	0	0	1122	311	42	2	2	0.00	0.42	0
CO26926+	CO26925	5.86	12 1-	4ACSR	0	0	1106	310	42	2	2	0.01	0.42	0
CO26826+	CO26926	5.91	1 1-	4ACSR	0	0	1096	309	3	0	0	0.00	0.42	0
CO26927+	CO26926	5.90	10 1-	4ACSR	0	0	1097	309	39	2	2	0.00	0.43	0
CO26928+	CO26927	5.95	9 1-	4ACSR	0	0	1089	308	30	2	1	0.00	0.43	0
CO26971+	CO26928	6.06	9 1-	4ACSR	0	0	1067	306	30	2	1	0.00	0.43	0
CO30491+	CO26971	6.21	8 1-	4ACSR	0	0	1041	303	26	1	1	0.01	0.44	0
CO26434+	CO30491	6.25	7 1-	4ACSR	0	0	1034	303	26	1	1	0.00	0.44	0
CO26514+	CO26434	6.30	7 1-	4ACSR	0	0	1025	302	26	1	1	0.00	0.44	0
CO26515+	CO26514	6.36	6 1-	4ACSR	0	0	1015	301	21	1	1	0.00	0.44	0
CO26433+	CO26515	6.41	5 1-	4ACSR	0	0	1006	300	21	1	1	0.00	0.45	0
CO26432+	CO26433	6.53	3 1-	4ACSR	0	0	987	298	18	1	1	0.00	0.45	0
CO26380+	CO26432	6.59	1 1-	4ACSR	0	0	977	297	8	0	0	0.00	0.45	0
CO26435+	CO26432	6.62	2 1-	4ACSR	0	0	972	296	10	0	0	0.00	0.45	0
CO26516+	CO26435	6.65	2 1-	4ACSR	0	0	966	296	10	0	0	0.00	0.45	0
CO26517+	CO26516	6.96	1 1-	4ACSR	0	0	920	291	5	0	0	0.00	0.45	0
CO26855+	CO26784	5.26	3 1-	4ACSR	0	0	1198	316	8	0	0	0.00	0.39	0
CO26856+	CO26855	5.38	2 1-	4ACSR	0	0	1173	314	8	0	0	0.00	0.39	0
CO26857+	CO26856	5.43	1 1-	4ACSR	0	0	1162	313	2	0	0	0.00	0.39	0
CO26858+	CO26778	5.03	2 1-	4ACSR	0	0	1237	318	1	0	0	0.00	0.37	0
CO26859+	CO26858	5.08	0 1-	4ACSR	0	0	1224	317	0	0	0	0.00	0.37	0
CO30493+	CO26836	4.36	5 1-	4ACSR	0	0	1354	324	36	2	2	0.01	0.33	0
CO26512+	CO30493	4.42	4 1-	4ACSR	0	0	1338	323	27	1	1	0.00	0.33	0
CO26455+	CO26512	4.48	3 1-	4ACSR	0	0	1322	321	22	1	1	0.00	0.34	0
CO26395+	CO26455	4.52	1 1-	2ACSR	0	0	1313	321	4	0	0	0.00	0.34	0
CO26454+	CO26455	4.57	2 1-	4ACSR	0	0	1299	320	18	1	1	0.00	0.34	0
CO26453+	CO26454	4.63	1 1-	4ACSR	0	0	1284	319	12	0	1	0.00	0.34	0
CO26786+	CO26836	4.25	1 1-	4ACSR	0	0	1386	326	1	0	0	0.00	0.32	0
CO26877+	CO26876	4.02	3 1-	4ACSR	0	0	1436	328	10	0	0	0.00	0.31	0
CO26878+	CO26877	4.07	3 1-	4ACSR	0	0	1419	327	10	0	0	0.00	0.31	0
CO26879+	CO26878	4.13	2 1-	4ACSR	0	0	1404	326	10	0	0	0.00	0.31	0
CO26847+	CO26876	4.04	2 1-	4ACSR	0	0	1430	328	6	0	0	0.00	0.31	0
CO26785+	CO26847	4.15	0 1-	4ACSR	0	0	1398	326	0	0	0	0.00	0.31	0
CO26848+	CO26847	4.10	2 1-	4ACSR	0	0	1410	327	6	0	0	0.00	0.31	0
CO26796+	CO26848	4.20	2 1-	4ACSR	0	0	1382	325	6	0	0	0.00	0.31	0
CO-1741371577+	CO26796	4.31	1 1-	2ACSR	0	0	1357	323	6	0	0	0.00	0.31	0
CO26837+	CO26982	3.99	8 1-	4ACSR	0	0	1435	328	28	1	1	0.00	0.30	0
CO26838+	CO26837	4.04	8 1-	4ACSR	0	0	1420	327	28	1	1	0.00	0.30	0
CO26839+	CO26838	4.10	8 1-	4ACSR	0	0	1401	325	28	1	1	0.00	0.31	0
CO26979+	CO26839	4.25	8 1-	4ACSR	0	0	1359	322	28	1	1	0.01	0.31	0
CO26980+	CO26979	4.42	8 1-	4ACSR	0	0	1312	319	28	1	1	0.01	0.32	0
CO26849+	CO26980	4.55	5 1-	4ACSR	0	0	1277	317	13	0	1	0.00	0.32	0
CO26956+	CO26849	4.58	5 1-	4ACSR	0	0	1269	316	13	0	1	0.00	0.32	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26957+	CO26956	4.74	4 1-	4ACSR	0	0	1230	313	11	0	1	0.00	0.32	0
CO26797+	CO26957	4.81	1 1-	4ACSR	0	0	1213	312	0	0	0	0.00	0.32	0
CO26989+	CO26957	4.97	3 1-	4ACSR	0	0	1175	309	11	0	1	0.00	0.33	0
CO26974+	CO26989	5.12	3 1-	4ACSR	0	0	1141	306	11	0	1	0.00	0.33	0
CO26967+	CO26974	5.16	3 1-	4ACSR	0	0	1134	305	11	0	1	0.00	0.33	0
CO26968+	CO26967	5.44	2 1-	4ACSR	0	0	1075	300	10	0	0	0.00	0.33	0
CO26880+	CO26980	4.46	3 1-	4ACSR	0	0	1301	318	16	1	1	0.00	0.32	0
CO26881+	CO26880	4.49	2 1-	4ACSR	0	0	1292	318	7	0	0	0.00	0.32	0
CO26410+	CO26452	3.15	106 3-	1/0ACSR	1881	1791	1658	338	434	9	4	0.02	0.23	12
CO30442+	CO26410	3.38	2 1-	2ACSR	0	0	1586	334	12	0	0	0.00	0.23	0
CO26868+	CO30442	3.47	2 1-	2ACSR	0	0	1560	333	12	0	0	0.00	0.23	0
CO26458+	CO26410	3.26	2 1-	4ACSR	0	0	1618	335	12	0	1	0.00	0.23	0
CO26457+	CO26458	3.31	1 1-	4ACSR	0	0	1599	334	5	0	0	0.00	0.23	0
CO26409+	CO26410	3.36	102 3-	1/0ACSR	1830	1737	1599	335	410	9	4	0.02	0.24	10
CO26555+	CO26409	3.37	72 1-	4ACSR	0	0	1596	335	310	20	15	0.00	0.25	0
OC814+	CO26555	3.37	72 1-	35 H OCR	0	0	1596	335	310	20	60	0.00	0.25	0
CO26556+	OC814	3.42	72 1-	4ACSR	0	0	1577	334	310	20	15	0.03	0.27	13
CO26370+	CO26556	3.49	1 1-	4ACSR	0	0	1553	333	1	0	0	0.00	0.27	0
CO26412+	CO26556	3.48	71 1-	4ACSR	0	0	1557	333	310	20	15	0.03	0.30	14
CO26411+	CO26412	3.56	71 1-	4ACSR	0	0	1532	331	309	20	15	0.04	0.33	17
CO26369+	CO26411	3.64	1 1-	4ACSR	0	0	1504	330	1	0	0	0.00	0.33	0
CO30338+	CO26411	3.76	70 1-	4ACSR	0	0	1466	327	308	20	15	0.09	0.43	46
CO26829+	CO30338	3.97	68 1-	4ACSR	0	0	1399	323	301	20	15	0.10	0.53	47
CO26866+	CO26829	4.02	0 1-	2ACSR	0	0	1387	322	0	0	0	0.00	0.53	0
CO26867+	CO26866	4.28	0 1-	2ACSR	0	0	1325	319	0	0	0	0.00	0.53	0
CO26783+	CO26829	4.03	67 1-	2ACSR	0	0	1384	322	294	19	11	0.02	0.54	8
CO30572+	CO26783	4.11	67 1-	4ACSR	0	0	1362	320	294	19	14	0.03	0.58	16
CO26932+	CO30572	4.50	67 1-	4ACSR	0	0	1254	313	294	19	14	0.18	0.76	83
CO26800+	CO26932	4.63	1 1-	4ACSR	0	0	1221	311	20	1	1	0.00	0.76	0
CO26871+	CO26932	4.73	66 1-	4ACSR	0	0	1197	309	274	18	13	0.10	0.85	43
CO26933+	CO26871	4.93	66 1-	4ACSR	0	0	1151	305	273	18	13	0.08	0.94	37
CO26934+	CO26933	4.99	66 1-	4ACSR	0	0	1137	304	273	18	13	0.03	0.96	11
CO30436+	CO26934	5.08	64 1-	4ACSR	0	0	1119	303	268	18	13	0.04	1.00	15
CO25332+	CO30436	5.14	64 1-	4ACSR	0	0	1105	301	268	18	13	0.03	1.03	11
CO25333+	CO25332	5.27	64 1-	4ACSR	0	0	1079	299	268	18	13	0.05	1.08	22
CO25331+	CO25333	5.54	63 1-	4ACSR	0	0	1026	295	266	18	13	0.11	1.19	48
XFMR80	CO25331	5.54	62 1-	167 KVA 1PH AUT	0	0	625	166	264	17	155	0.92	2.11	0
CO25334	XFMR80	5.70	62 1-	4ACSR	0	0	610	164	264	35	26	0.25	2.36	106
CO25330	CO25334	5.81	61 1-	4ACSR	0	0	598	163	256	34	25	0.18	2.54	76
CO25232	CO25330	5.95	43 1-	4ACSR	0	0	586	162	187	25	18	0.15	2.69	46
CO25247	CO25232	6.03	0 1-	4ACSR	0	0	578	161	0	0	0	0.00	2.69	0
CO25379	CO25232	5.95	42 1-	4ACSR	0	0	585	162	186	25	18	0.01	2.69	2
OC763	CO25379	5.95	42 1-	35 H OCR	0	0	585	162	186	25	73	0.00	2.69	0
CO25380	OC763	6.06	42 1-	4ACSR	0	0	575	161	186	25	18	0.12	2.81	35
CO25308	CO25380	6.15	41 1-	4ACSR	0	0	566	160	175	24	17	0.11	2.92	30
CO25369	CO25308	6.26	3 1-	4ACSR	0	0	557	159	6	0	1	0.00	2.92	0
CO25366	CO25369	6.38	2 1-	4ACSR	0	0	546	158	4	0	0	0.00	2.92	0
CO25368	CO25366	6.47	0 1-	4ACSR	0	0	538	157	0	0	0	0.00	2.92	0
CO25367	CO25368	6.53	0 1-	4ACSR	0	0	533	156	0	0	0	0.00	2.92	0
CO25310	CO25308	6.38	37 1-	4ACSR	0	0	546	158	168	23	16	0.24	3.15	65
CO25309	CO25310	6.56	37 1-	4ACSR	0	0	531	156	168	23	16	0.18	3.33	50
CO25248	CO25309	6.65	1 1-	4ACSR	0	0	523	155	3	0	0	0.00	3.33	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25312	CO25309	6.77	36 1-	4ACSR	0	0	513	154	165	22	16	0.22	3.55	58
CO25311	CO25312	6.86	35 1-	4ACSR	0	0	505	153	164	22	16	0.09	3.64	25
CO25325	CO25311	6.98	1 1-	4ACSR	0	0	497	152	8	1	1	0.01	3.65	0
CO25320	CO25325	7.22	1 1-	4ACSR	0	0	478	150	8	1	1	0.01	3.66	0
CO25324	CO25320	7.28	1 1-	4ACSR	0	0	474	149	8	1	1	0.00	3.66	0
CO25321	CO25324	7.38	1 1-	4ACSR	0	0	467	149	8	1	1	0.00	3.67	0
CO25323	CO25321	7.45	1 1-	4ACSR	0	0	462	148	8	1	1	0.00	3.67	0
CO25322	CO25323	7.53	1 1-	4ACSR	0	0	456	147	8	1	1	0.00	3.67	0
CO25314	CO25311	6.89	34 1-	4ACSR	0	0	503	153	156	21	15	0.02	3.67	6
CO25313	CO25314	6.93	34 1-	4ACSR	0	0	500	152	156	21	15	0.04	3.70	10
CO25315	CO25313	7.05	33 1-	4ACSR	0	0	491	151	153	21	15	0.12	3.82	30
CO25371	CO25315	7.19	1 1-	4ACSR	0	0	480	150	0	0	0	0.00	3.82	0
CO25370	CO25371	7.26	1 1-	4ACSR	0	0	475	149	0	0	0	0.00	3.82	0
CO25317	CO25315	7.13	32 1-	4ACSR	0	0	485	151	153	21	15	0.07	3.89	18
CO25316	CO25317	7.37	32 1-	4ACSR	0	0	468	149	153	21	15	0.22	4.12	56
CO25233	CO25316	7.59	2 1-	4ACSR	0	0	452	147	4	0	0	0.01	4.12	0
CO25249	CO25233	7.85	2 1-	4ACSR	0	0	435	145	4	0	0	0.00	4.12	0
CO25295	CO25316	7.46	30 1-	4ACSR	0	0	461	148	149	20	15	0.08	4.20	20
CO25294	CO25295	7.58	29 1-	4ACSR	0	0	453	147	145	20	14	0.11	4.31	27
CO25319	CO25294	7.68	28 1-	4ACSR	0	0	446	146	140	19	14	0.09	4.40	20
CO25318	CO25319	7.81	28 1-	4ACSR	0	0	437	145	140	19	14	0.11	4.51	26
CO30342	CO25318	7.93	27 1-	4ACSR	0	0	430	144	138	19	14	0.10	4.61	23
CO1161660832	CO30342	8.07	1 1-	4ACSR	0	0	421	143	0	0	0	0.00	4.61	0
CO25166	CO30342	8.07	16 1-	4ACSR	0	0	421	143	105	14	10	0.09	4.70	15
CO25165	CO25166	8.15	15 1-	4ACSR	0	0	416	142	99	13	10	0.05	4.75	9
CO25163	CO25165	8.18	15 1-	4ACSR	0	0	415	142	99	13	10	0.02	4.77	3
CO25162	CO25163	8.26	15 1-	4ACSR	0	0	410	141	99	13	10	0.05	4.82	8
CO25164	CO25162	8.33	14 1-	4ACSR	0	0	406	141	94	13	9	0.04	4.86	6
CO24996	CO25164	8.53	12 1-	4ACSR	0	0	395	139	92	12	9	0.12	4.97	18
CO1907268928	CO24996	8.58	1 1-	2ACSR	0	0	393	139	15	2	1	0.00	4.97	0
CO25170	CO24996	8.56	8 1-	4ACSR	0	0	393	139	56	7	6	0.01	4.98	0
CO25169	CO25170	8.58	8 1-	4ACSR	0	0	392	139	56	7	6	0.01	4.99	0
CO25077	CO25169	8.67	8 1-	4ACSR	0	0	387	138	56	7	6	0.03	5.02	3
CO24997	CO25077	8.70	7 1-	4ACSR	0	0	386	138	48	6	5	0.01	5.03	0
CO25078	CO24997	8.74	5 1-	4ACSR	0	0	384	138	34	4	3	0.01	5.04	0
CO25080	CO25078	8.79	4 1-	4ACSR	0	0	381	137	24	3	2	0.01	5.05	0
CO25079	CO25080	8.85	3 1-	4ACSR	0	0	378	137	18	2	2	0.01	5.05	0
CO25124	CO25079	8.90	1 1-	4ACSR	0	0	375	136	8	1	1	0.00	5.05	0
CO25123	CO25124	8.95	1 1-	4ACSR	0	0	373	136	8	1	1	0.00	5.06	0
CO25050	CO25079	8.93	1 1-	4ACSR	0	0	374	136	8	1	1	0.00	5.05	0
CO25054	CO25080	8.87	1 1-	2ACSR	0	0	378	137	6	0	0	0.00	5.05	0
CO25038	CO24997	8.75	2 1-	4ACSR	0	0	383	138	13	1	1	0.00	5.03	0
CO25037	CO25077	8.73	1 1-	4ACSR	0	0	384	138	9	1	1	0.00	5.02	0
CO25036	CO24996	8.62	3 1-	4ACSR	0	0	390	139	21	2	2	0.01	4.98	0
CO25051	CO25036	8.66	0 1-	2ACSR	0	0	388	138	0	0	0	0.00	4.98	0
CO25035	CO25164	8.52	1 1-	4ACSR	0	0	396	139	2	0	0	0.00	4.86	0
CO25115	CO25164	8.39	1 1-	4ACSR	0	0	403	140	0	0	0	0.00	4.86	0
CO25114	CO25115	8.43	1 1-	4ACSR	0	0	400	140	0	0	0	0.00	4.86	0
CO25076	CO30342	8.12	10 1-	4ACSR	0	0	418	142	33	4	3	0.04	4.65	0
CO25168	CO25076	8.24	10 1-	4ACSR	0	0	411	141	33	4	3	0.02	4.67	0
CO25167	CO25168	8.34	8 1-	4ACSR	0	0	405	141	27	3	3	0.02	4.69	0
CO25137	CO25167	8.47	5 1-	4ACSR	0	0	398	140	20	2	2	0.01	4.70	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25136	CO25137	8.59	4 1-	4ACSR	0	0	392	139	14	1	1	0.01	4.71	0
CO25081	CO25136	8.88	1 1-	4ACSR	0	0	376	137	0	0	0	0.00	4.71	0
CO25083	CO25081	9.07	1 1-	4ACSR	0	0	367	135	0	0	0	0.00	4.71	0
CO25082	CO25083	9.29	1 1-	4ACSR	0	0	357	134	0	0	0	0.00	4.71	0
CO25113	CO25136	8.66	3 1-	4ACSR	0	0	388	138	14	1	1	0.01	4.72	0
CO968804974	CO25113	8.74	1 1-	2ACSR	0	0	385	138	0	0	0	0.00	4.72	0
CO25186	CO25113	8.70	2 1-	4ACSR	0	0	386	138	14	1	1	0.00	4.72	0
CO25185	CO25186	8.75	1 1-	4ACSR	0	0	383	138	8	1	1	0.00	4.72	0
CO25117	CO25167	8.41	3 1-	4ACSR	0	0	402	140	6	0	1	0.00	4.69	0
CO25049	CO25117	8.47	1 1-	4ACSR	0	0	398	140	6	0	1	0.00	4.69	0
CO-1381373888	CO25049	8.54	0 1-	2ACSR	0	0	395	139	0	0	0	0.00	4.69	0
CO25116	CO25117	8.67	1 1-	4ACSR	0	0	387	138	0	0	0	0.00	4.69	0
CO25250	CO25294	7.65	1 1-	4ACSR	0	0	448	146	5	0	0	0.00	4.31	0
CO25381	CO25330	5.82	17 1-	4ACSR	0	0	598	163	62	8	6	0.00	2.54	0
OC764	CO25381	5.82	17 1-	35 H OCR	0	0	598	163	62	8	24	0.00	2.54	0
CO25382	OC764	5.97	17 1-	4ACSR	0	0	584	162	62	8	6	0.05	2.59	5
CO25246	CO25382	6.10	1 1-	4ACSR	0	0	572	160	3	0	0	0.00	2.59	0
CO25297	CO25382	6.05	14 1-	4ACSR	0	0	576	161	51	6	5	0.03	2.62	2
CO25298	CO25297	6.14	14 1-	4ACSR	0	0	568	160	51	6	5	0.03	2.65	2
CO25296	CO25298	6.19	14 1-	4ACSR	0	0	563	159	51	6	5	0.02	2.66	0
CO25300	CO25296	6.27	13 1-	4ACSR	0	0	555	159	49	6	5	0.03	2.69	0
CO-1620572351	CO25300	6.42	1 1-	2ACSR	0	0	545	158	6	0	0	0.00	2.69	0
CO25299	CO25300	6.49	11 1-	4ACSR	0	0	536	156	43	5	4	0.06	2.74	4
CO25372	CO25299	6.53	2 1-	4ACSR	0	0	533	156	6	0	1	0.00	2.74	0
CO30355	CO25372	6.73	2 1-	4ACSR	0	0	516	154	6	0	1	0.00	2.75	0
CO25304	CO25299	6.58	9 1-	4ACSR	0	0	529	156	36	4	4	0.02	2.76	0
CO25301	CO25304	6.66	9 1-	4ACSR	0	0	522	155	36	4	4	0.02	2.78	0
CO25303	CO25301	7.04	9 1-	4ACSR	0	0	492	151	36	4	4	0.08	2.86	5
CO25302	CO25303	7.18	9 1-	4ACSR	0	0	481	150	36	4	4	0.03	2.89	0
CO25365	CO25302	7.28	2 1-	4ACSR	0	0	474	149	9	1	1	0.01	2.90	0
CO25362	CO25365	7.35	2 1-	4ACSR	0	0	469	149	9	1	1	0.00	2.90	0
CO25364	CO25362	7.43	2 1-	4ACSR	0	0	463	148	9	1	1	0.00	2.91	0
CO25363	CO25364	7.50	1 1-	4ACSR	0	0	458	147	1	0	0	0.00	2.91	0
CO25234	CO25302	7.29	7 1-	4ACSR	0	0	473	149	28	3	3	0.02	2.91	0
CO25359	CO25234	7.53	4 1-	4ACSR	0	0	456	147	13	1	1	0.01	2.93	0
CO25361	CO25359	7.57	1 1-	4ACSR	0	0	453	147	4	0	0	0.00	2.93	0
CO25360	CO25361	7.62	0 1-	4ACSR	0	0	450	146	0	0	0	0.00	2.93	0
CO25358	CO25359	7.63	2 1-	4ACSR	0	0	449	146	0	0	0	0.00	2.93	0
CO-1997321737	CO25358	7.93	2 1-	2ACSR	0	0	433	145	0	0	0	0.00	2.93	0
CO25306	CO25234	7.37	1 1-	4ACSR	0	0	467	149	12	1	1	0.01	2.92	0
CO25305	CO25306	7.44	1 1-	4ACSR	0	0	462	148	12	1	1	0.01	2.92	0
CO25307	CO25305	7.59	1 1-	4ACSR	0	0	452	147	12	1	1	0.01	2.93	0
CO26894+	CO26934	5.11	1 1-	4ACSR	0	0	1111	302	3	0	0	0.00	0.96	0
CO26895+	CO26894	5.17	1 1-	4ACSR	0	0	1099	301	3	0	0	0.00	0.96	0
CO26554+	CO26409	3.37	30 1-	4ACSR	0	0	1596	335	100	6	5	0.00	0.24	0
OC812+	CO26554	3.37	30 1-	20 N FUSE	0	0	1596	335	100	6	34	0.00	0.24	0
XFMR78	OC812	3.37	30 1-	167 KVA 1PH AUT	0	0	680	172	100	6	58	0.31	0.56	0
CO30443	XFMR78	3.63	30 1-	4ACSR	0	0	654	169	100	13	10	0.16	0.71	25
CO26795	CO30443	3.65	1 1-	4ACSR	0	0	651	169	2	0	0	0.00	0.71	0
CO26840	CO30443	3.83	29 1-	4ACSR	0	0	633	167	98	13	9	0.12	0.83	19
CO26841	CO26840	4.05	29 1-	4ACSR	0	0	612	165	97	13	9	0.12	0.96	20
CO26842	CO26841	4.41	29 1-	4ACSR	0	0	577	161	97	13	9	0.20	1.16	31

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26794	CO26842	4.52	1 1-	4ACSR	0	0	567	160	1	0	0	0.00	1.16	0
CO26843	CO26842	4.46	27 1-	4ACSR	0	0	572	160	86	11	8	0.03	1.19	4
CO26844	CO26843	4.48	27 1-	4ACSR	0	0	570	160	86	11	8	0.01	1.20	0
CO26793	CO26844	4.53	1 1-	4ACSR	0	0	566	160	3	0	0	0.00	1.20	0
CO26954	CO26844	4.61	26 1-	4ACSR	0	0	559	159	84	11	8	0.06	1.26	9
CO26955	CO26954	4.74	25 1-	4ACSR	0	0	547	158	84	11	8	0.06	1.33	9
CO26830	CO26955	5.24	17 1-	4ACSR	0	0	505	153	55	7	5	0.16	1.49	14
CO26977	CO26830	5.38	16 1-	4ACSR	0	0	494	152	53	7	5	0.05	1.54	4
CO26978	CO26977	5.46	15 1-	4ACSR	0	0	488	151	53	7	5	0.02	1.56	0
CO26799	CO26978	5.51	1 1-	4ACSR	0	0	484	151	1	0	0	0.00	1.56	0
CO26768	CO26978	5.59	14 1-	4ACSR	0	0	478	150	52	7	5	0.04	1.60	3
CO642094843	CO26768	5.64	12 1-	2ACSR	0	0	475	150	52	7	4	0.01	1.61	0
CO-1717468022	CO642094843	5.87	11 1-	2ACSR	0	0	461	148	49	6	4	0.05	1.66	4
CO26791	CO-1717468022	5.93	1 1-	4ACSR	0	0	458	148	3	0	0	0.00	1.66	0
CO26770	CO-1717468022	6.03	10 1-	4ACSR	0	0	451	147	46	6	4	0.04	1.70	3
CO26948	CO26770	6.18	8 1-	4ACSR	0	0	441	146	42	5	4	0.04	1.74	2
CO-103656801	CO26948	6.20	7 1-	2ACSR	0	0	440	145	39	5	3	0.00	1.74	0
CO-1092465020	CO-103656801	6.30	6 1-	2ACSR	0	0	434	145	33	4	2	0.01	1.76	0
CO26850	CO-1092465020	6.39	6 1-	4ACSR	0	0	429	144	33	4	3	0.02	1.78	0
CO26969	CO26850	6.45	1 1-	750 MCM - 42 wi	0	0	428	144	3	0	0	0.00	1.78	0
CO26970	CO26969	6.48	1 1-	750 MCM - 42 wi	0	0	427	144	3	0	0	0.00	1.78	0
CO26831	CO26850	6.49	5 1-	4ACSR	0	0	423	143	30	4	3	0.02	1.79	0
CO26832	CO26831	6.58	5 1-	4ACSR	0	0	418	143	30	4	3	0.02	1.81	0
CO30495	CO26832	6.63	5 1-	4ACSR	0	0	414	142	30	4	3	0.01	1.82	0
CO29373	CO30495	6.68	5 1-	4ACSR	0	0	411	142	30	4	3	0.01	1.83	0
CO29374	CO29373	6.72	4 1-	4ACSR	0	0	409	142	23	3	2	0.01	1.83	0
CO29375	CO29374	6.80	4 1-	4ACSR	0	0	405	141	23	3	2	0.01	1.84	0
CO29311	CO29375	6.86	2 1-	4ACSR	0	0	401	140	10	1	1	0.00	1.85	0
CO29362	CO29311	6.89	2 1-	4ACSR	0	0	400	140	10	1	1	0.00	1.85	0
CO29363	CO29362	6.94	1 1-	4ACSR	0	0	397	140	7	0	1	0.00	1.85	0
CO29341	CO29375	6.90	1 1-	2ACSR	0	0	400	140	5	0	0	0.00	1.84	0
CO29371	CO29375	6.88	1 1-	4ACSR	0	0	400	140	8	1	1	0.00	1.85	0
CO29372	CO29371	6.94	1 1-	4ACSR	0	0	397	140	8	1	1	0.00	1.85	0
CO29364	CO29372	6.98	0 1-	4ACSR	0	0	395	140	0	0	0	0.00	1.85	0
CO29370	CO29375	7.10	0 1-	4ACSR	0	0	388	139	0	0	0	0.00	1.84	0
CO29369	CO29370	7.20	0 1-	4ACSR	0	0	383	138	0	0	0	0.00	1.84	0
CO-1986055657	CO-103656801	6.28	1 1-	2ACSR	0	0	436	145	6	0	0	0.00	1.75	0
CO26798	CO26770	6.08	2 1-	4ACSR	0	0	448	146	3	0	0	0.00	1.70	0
CO-241204362	CO642094843	5.72	1 1-	2ACSR	0	0	471	149	3	0	0	0.00	1.61	0
CO26792	CO26768	5.63	2 1-	4ACSR	0	0	475	150	0	0	0	0.00	1.60	0
CO375284499	CO26792	5.66	1 1-	2ACSR	0	0	473	149	0	0	0	0.00	1.60	0
CO26889	CO26978	5.54	0 1-	4ACSR	0	0	482	150	0	0	0	0.00	1.56	0
CO26890	CO26889	5.68	0 1-	4ACSR	0	0	471	149	0	0	0	0.00	1.56	0
CO26891	CO26955	4.82	1 1-	4ACSR	0	0	540	157	1	0	0	0.00	1.33	0
CO26892	CO26891	4.83	1 1-	4ACSR	0	0	539	157	1	0	0	0.00	1.33	0
CO26893	CO26892	4.96	1 1-	4ACSR	0	0	528	156	1	0	0	0.00	1.33	0
CO26952	CO26955	4.78	7 1-	4ACSR	0	0	544	157	27	3	3	0.01	1.33	0
CO26953	CO26952	4.86	6 1-	4ACSR	0	0	536	156	22	2	2	0.01	1.34	0
CO26801	CO26953	4.93	1 1-	4ACSR	0	0	530	156	4	0	0	0.00	1.34	0
CO26790	CO26953	4.96	1 1-	4ACSR	0	0	528	156	0	0	0	0.00	1.34	0
CO26845	CO26953	4.89	4 1-	4ACSR	0	0	534	156	18	2	2	0.00	1.35	0
CO26938	CO26845	5.02	4 1-	4ACSR	0	0	523	155	18	2	2	0.01	1.36	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26820	CO26938	5.11	1 1-	2ACSR	0	0	517	154	0	0	0	0.00	1.36	0
CO26939	CO26938	5.17	3 1-	4ACSR	0	0	511	154	18	2	2	0.02	1.38	0
CO26944	CO26939	5.34	3 1-	4ACSR	0	0	497	152	18	2	2	0.02	1.39	0
CO26818	CO26944	5.58	0 1-	2ACSR	0	0	482	151	0	0	0	0.00	1.39	0
CO26945	CO26944	5.61	3 1-	4ACSR	0	0	476	150	18	2	2	0.03	1.42	0
CO26767	CO26945	5.73	2 1-	4ACSR	0	0	468	149	11	1	1	0.01	1.43	0
CO26788	CO26767	5.81	1 1-	4ACSR	0	0	462	148	6	0	1	0.00	1.43	0
CO26846	CO26767	5.92	1 1-	4ACSR	0	0	454	147	5	0	1	0.01	1.44	0
CO30498	CO26846	6.20	1 1-	4ACSR	0	0	436	145	5	0	1	0.00	1.44	0
CO29358	CO30498	6.52	0 1-	4ACSR	0	0	416	142	0	0	0	0.00	1.44	0
CO26789	CO26945	5.78	1 1-	4ACSR	0	0	464	148	6	0	1	0.00	1.43	0
CO26404+	CO26450	2.87	1 1-	2ACSR	0	0	1732	340	0	0	0	0.00	0.20	0
CO26356+	CO26355	2.43	0 1-	4ACSR	0	0	1830	341	0	0	0	0.00	0.17	0
CO26374+	CO26504	2.13	1 1-	4ACSR	0	0	1919	343	0	0	0	0.00	0.15	0
SUB	0 total losses:	\$14,369												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 5 FLEMINGSBURG		3255			3065	3104	3123	357	22196					
CO15506+	FLEMINGSBURG	0.00	3255 3-	750 MCM - 42 Wi	3064	3102	3121	357	22196	499	43	0.00	0.00	54
CO15507+	CO15506	0.01	3255 3-	750 MCM - 42 Wi	3063	3100	3119	357	22195	499	43	0.00	0.01	42
CO15512+	CO15507	0.02	693 3-	500PRIURD	3063	3094	3113	915	4793	107	32	0.00	0.01	14
Underbuild+	CO15512	0.02	693 3-	560 200WVE	3063	3094	3113	915	4793	107	19	0.00	0.01	0
CO15178+	Underbuild	0.04	693 3-	500PRIURD	3065	3084	3101	914	4793	107	32	0.00	0.01	32
CO15370+	CO15178	0.10	693 3-	4/0ACSR	3035	3051	3052	357	4793	107	32	0.03	0.04	198
CO-6922792+	CO15370	0.48	691 3-	4/0ACSR	2856	2850	2773	354	4770	107	32	0.20	0.24	1247
CO-768581734+	CO-6922792	0.89	690 3-	4/0ACSR	2678	2649	2512	351	4758	107	32	0.22	0.46	1382
CO15009+	CO-768581734	0.95	690 3-	4/0ACSR	2655	2623	2479	351	4752	107	32	0.03	0.49	194
CO14919+	CO15009	1.00	2 3-	4ACSR	2631	2593	2444	350	105	2	2	0.00	0.50	0
CO14918+	CO14919	1.05	1 3-	4ACSR	2606	2564	2410	349	51	1	1	0.00	0.50	0
CO14917+	CO14918	1.07	1 3-	4ACSR	2591	2545	2389	348	51	1	1	0.00	0.50	0
CO15010+	CO15009	0.97	688 3-	4/0ACSR	2648	2615	2469	351	4646	104	31	0.01	0.50	55
CO15011+	CO15010	1.01	685 3-	4/0ACSR	2632	2598	2448	351	4617	104	31	0.02	0.52	122
CO15012+	CO15011	1.05	677 3-	4/0ACSR	2616	2580	2426	350	4592	103	31	0.02	0.54	128
CO14795+	CO15012	1.13	663 3-	4/0ACSR	2587	2547	2385	350	4549	102	30	0.04	0.58	237
CO14794+	CO14795	1.19	631 3-	4/0ACSR	2564	2522	2354	349	4270	96	28	0.03	0.61	161
CO15154+	CO14794	1.20	0 1-	4ACSR	0	0	2345	349	0	0	0	0.00	0.61	0
CO15152+	CO14794	1.25	2 1-	4ACSR	0	0	2312	348	20	1	1	0.00	0.61	0
CO14933+	CO15152	1.27	1 1-	4ACSR	0	0	2298	347	6	0	0	0.00	0.61	0
CO15024+	CO14794	1.24	629 3-	4/0ACSR	2543	2499	2326	349	4250	96	28	0.03	0.64	147
CO15025+	CO15024	1.32	629 3-	4/0ACSR	2516	2469	2290	348	4249	96	28	0.03	0.67	195
CO14865+	CO15025	1.33	626 3-	4/0ACSR	2512	2464	2284	348	4221	95	28	0.01	0.68	31
CO14864+	CO14865	1.40	625 3-	4/0ACSR	2485	2435	2249	348	4213	95	28	0.04	0.71	196
CO14863+	CO14864	1.56	624 3-	4/0ACSR	2432	2376	2180	347	4212	95	28	0.07	0.79	399
CO14862+	CO14863	1.74	624 3-	4/0ACSR	2372	2310	2104	345	4210	95	28	0.08	0.87	466
CO35038291+	CO14862	2.02	571 3-	4/0ACSR	2286	2216	1996	344	3791	85	25	0.12	0.99	587
CO1910179338+	CO35038291	3.08	566 3-	4/0ACSR	2002	1914	1666	336	3759	85	25	0.44	1.43	2208
CO14866+	CO1910179338	3.17	566 3-	4/0ACSR	1980	1890	1642	336	3749	85	25	0.04	1.46	200
CO17299+	CO14866	3.18	27 1-	6ACWC	0	0	1639	336	142	9	7	0.00	1.47	0
OC449+	CO17299	3.18	27 1-	50 E OCR	0	0	1639	336	142	9	19	0.00	1.47	0
CO17300+	OC449	3.21	27 1-	6ACWC	0	0	1626	335	142	9	7	0.01	1.47	0
CO15041+	CO17300	3.31	26 1-	6ACWC	0	0	1590	333	142	9	7	0.02	1.50	5
CO14895+	CO15041	3.36	26 1-	6ACWC	0	0	1574	332	142	9	7	0.01	1.51	2
CO14894+	CO14895	3.42	23 1-	6ACWC	0	0	1554	331	134	9	7	0.01	1.52	3
CO15150+	CO14894	3.43	23 1-	6ACWC	0	0	1548	330	133	9	7	0.00	1.52	0
CO15151+	CO15150	3.47	18 1-	6ACWC	0	0	1534	329	113	7	6	0.01	1.53	0
CO15042+	CO15151	3.50	17 1-	6ACWC	0	0	1524	329	111	7	5	0.00	1.53	0
CO14858+	CO15042	3.54	14 1-	6ACWC	0	0	1511	328	82	5	4	0.00	1.54	0
CO14857+	CO14858	3.65	13 1-	6ACWC	0	0	1474	326	82	5	4	0.01	1.55	0
CO15045+	CO14857	3.72	12 1-	6ACWC	0	0	1452	325	81	5	4	0.01	1.56	0
CO15048+	CO15045	3.79	7 1-	6ACWC	0	0	1429	323	52	3	3	0.01	1.57	0
CO15049+	CO15048	3.86	6 1-	6ACWC	0	0	1407	322	50	3	2	0.01	1.57	0
CO14813+	CO15049	3.89	2 1-	6ACWC	0	0	1399	321	20	1	1	0.00	1.57	0
CO15050+	CO15049	3.89	4 1-	6ACWC	0	0	1399	321	29	2	1	0.00	1.57	0
CO15051+	CO15050	3.92	2 1-	6ACWC	0	0	1390	321	22	1	1	0.00	1.57	0
CO14788+	CO15051	3.99	2 1-	6ACWC	0	0	1367	319	22	1	1	0.00	1.58	0
CO14904+	CO14788	4.10	2 1-	6ACWC	0	0	1337	317	22	1	1	0.00	1.58	0
CO14903+	CO14904	4.17	0 1-	6ACWC	0	0	1316	316	0	0	0	0.00	1.58	0
CO14861+	CO14788	4.35	0 1-	6ACWC	0	0	1267	312	0	0	0	0.00	1.58	0

Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14860+	CO14861	4.45	0 1-	6ACWC	0	0	1242	311	0	0	0	0.00	1.58	0
CO14859+	CO14860	4.52	0 1-	6ACWC	0	0	1223	309	0	0	0	0.00	1.58	0
CO14812+	CO15051	4.03	0 1-	6ACWC	0	0	1356	318	0	0	0	0.00	1.57	0
CO15046+	CO15045	3.77	5 1-	6ACWC	0	0	1435	323	29	2	1	0.00	1.56	0
CO15047+	CO15046	3.79	3 1-	6ACWC	0	0	1431	323	11	0	1	0.00	1.56	0
CO14905+	CO15047	3.82	3 1-	6ACWC	0	0	1419	322	11	0	1	0.00	1.56	0
CO15043+	CO15042	3.57	3 1-	6ACWC	0	0	1500	327	29	1	1	0.00	1.53	0
CO15044+	CO15043	3.61	1 1-	6ACWC	0	0	1486	327	12	0	1	0.00	1.54	0
CO14906+	CO15044	3.64	1 1-	6ACWC	0	0	1477	326	12	0	1	0.00	1.54	0
CO14897+	CO14866	3.19	33 1-	6ACWC	0	0	1633	335	263	18	13	0.01	1.47	4
CO14896+	CO14897	3.24	32 1-	6ACWC	0	0	1617	334	245	16	12	0.02	1.49	7
CO14872+	CO14896	3.49	4 1-	6ACWC	0	0	1526	329	21	1	1	0.01	1.50	0
CO15156+	CO14872	3.55	4 1-	6ACWC	0	0	1507	328	21	1	1	0.00	1.50	0
CO15061+	CO15156	3.59	4 1-	6ACWC	0	0	1495	327	21	1	1	0.00	1.50	0
CO15060+	CO15061	3.66	2 1-	6ACWC	0	0	1470	326	13	0	1	0.00	1.50	0
CO14848+	CO15060	3.70	1 1-	4ACSR	0	0	1458	325	4	0	0	0.00	1.50	0
CO15130+	CO15060	3.67	0 1-	6ACWC	0	0	1467	325	0	0	0	0.00	1.50	0
CO15128+	CO14896	3.25	28 1-	6ACWC	0	0	1614	334	224	15	11	0.00	1.49	0
OC448+	CO15128	3.25	28 1-	50 E OCR	0	0	1614	334	224	15	31	0.00	1.49	0
CO15129+	OC448	3.27	28 1-	6ACWC	0	0	1606	334	224	15	11	0.01	1.50	3
CO15052+	CO15129	3.30	6 1-	4ACSR	0	0	1594	333	71	4	3	0.00	1.50	0
CO15053+	CO15052	3.38	3 1-	4ACSR	0	0	1566	331	40	2	2	0.00	1.51	0
CO14929+	CO15053	3.48	2 1-	4ACSR	0	0	1532	329	25	1	1	0.00	1.51	0
CO15006+	CO14929	3.53	1 1-	2ACSR	0	0	1517	329	16	1	1	0.00	1.51	0
CO15005+	CO15006	3.55	1 1-	2ACSR	0	0	1511	328	16	1	1	0.00	1.51	0
CO14928+	CO14929	3.52	1 1-	4ACSR	0	0	1516	328	9	0	0	0.00	1.51	0
CO14830+	CO15053	3.41	1 1-	4ACSR	0	0	1556	331	15	1	1	0.00	1.51	0
CO14829+	CO15053	3.71	0 1-	4ACSR	0	0	1453	325	0	0	0	0.00	1.51	0
CO15054+	CO15129	3.38	19 1-	6ACWC	0	0	1568	331	132	9	6	0.02	1.52	4
CO15055+	CO15054	3.46	17 1-	6ACWC	0	0	1540	330	108	7	5	0.01	1.53	2
CO15056+	CO15055	3.49	16 1-	6ACWC	0	0	1526	329	105	7	5	0.01	1.54	0
CO14932+	CO15056	3.65	2 1-	4ACSR	0	0	1475	326	22	1	1	0.00	1.54	0
CO14931+	CO14932	3.76	1 1-	4ACSR	0	0	1438	324	10	0	0	0.00	1.55	0
CO14834+	CO14931	3.80	1 1-	4ACSR	0	0	1426	323	10	0	0	0.00	1.55	0
CO14930+	CO14931	3.84	0 1-	4ACSR	0	0	1414	322	0	0	0	0.00	1.55	0
CO15057+	CO15056	3.52	14 1-	6ACWC	0	0	1518	329	83	5	4	0.00	1.54	0
CO15058+	CO15057	3.59	13 1-	6ACWC	0	0	1494	327	77	5	4	0.01	1.55	0
CO15059+	CO15058	3.67	9 1-	6ACWC	0	0	1467	325	41	2	2	0.01	1.55	0
CO17254+	CO15059	3.89	9 1-	6ACWC	0	0	1397	321	41	2	2	0.01	1.57	0
CO13003+	CO17254	4.06	8 1-	6ACWC	0	0	1347	318	25	1	1	0.01	1.57	0
CO12940+	CO13003	4.44	2 1-	6ACWC	0	0	1244	311	9	0	0	0.01	1.58	0
CO13059+	CO12940	4.52	2 1-	4ACSR	0	0	1225	309	9	0	0	0.00	1.58	0
CO13145+	CO13059	5.14	0 1-	4ACSR	0	0	1082	298	0	0	0	0.00	1.58	0
CO12972+	CO12940	4.48	0 1-	8ACWC	0	0	1232	310	0	0	0	0.00	1.58	0
CO12973+	CO13003	4.12	1 1-	6ACWC	0	0	1331	317	0	0	0	0.00	1.57	0
CO13135+	CO13003	4.21	5 1-	4ACSR	0	0	1304	315	15	1	1	0.00	1.58	0
CO13095+	CO13135	4.24	3 1-	4ACSR	0	0	1296	314	13	0	1	0.00	1.58	0
CO13097+	CO13095	4.28	3 1-	4ACSR	0	0	1286	314	13	0	1	0.00	1.58	0
CO13096+	CO13097	4.36	1 1-	4ACSR	0	0	1265	312	8	0	0	0.00	1.58	0
CO13098+	CO13135	4.24	2 1-	4ACSR	0	0	1296	314	3	0	0	0.00	1.58	0
CO13099+	CO13098	4.34	2 1-	4ACSR	0	0	1271	313	3	0	0	0.00	1.58	0
CO14871+	CO14866	3.20	506 3-	4/0ACSR	1973	1883	1634	335	3343	75	22	0.01	1.48	49

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14833+	CO14871	3.26	2 1-	4ACSR	0	0	1613	334	16	1	1	0.00	1.48	0
CO14870+	CO14871	3.41	504 3-	4/0ACSR	1925	1833	1582	334	3326	75	22	0.08	1.55	351
CO14869+	CO14870	3.61	504 3-	4/0ACSR	1884	1790	1538	333	3325	75	22	0.07	1.62	313
CO15131+	CO14869	3.61	0 1-	6ACWC	0	0	1536	333	0	0	0	0.00	1.62	0
CO14873+	CO14869	3.68	504 3-	4/0ACSR	1868	1774	1521	332	3323	75	22	0.03	1.65	124
CO15121+	CO14873	4.26	504 3-	4/0ACSR	1756	1658	1405	328	3323	75	22	0.21	1.86	945
CO-674900173+	CO15121	4.30	13 1-	2ACSR	0	0	1395	328	82	5	3	0.00	1.86	0
CO14969+	CO-674900173	4.41	4 1-	4ACSR	0	0	1365	326	27	1	1	0.00	1.87	0
CO14968+	CO14969	4.44	0 1-	4ACSR	0	0	1355	325	0	0	0	0.00	1.87	0
CO1265147584+	CO-674900173	4.40	9 1-	2ACSR	0	0	1372	326	55	3	2	0.01	1.87	0
CO14889+	CO1265147584	4.45	9 1-	4ACSR	0	0	1356	325	55	3	3	0.00	1.88	0
CO14971+	CO14889	4.49	9 1-	4ACSR	0	0	1345	324	55	3	3	0.00	1.88	0
CO14970+	CO14971	4.55	9 1-	4ACSR	0	0	1331	323	55	3	3	0.00	1.88	0
CO15066+	CO14970	4.57	8 1-	4ACSR	0	0	1326	323	44	2	2	0.00	1.88	0
CO15067+	CO15066	4.59	7 1-	4ACSR	0	0	1321	323	41	2	2	0.00	1.89	0
CO15068+	CO15067	4.61	5 1-	4ACSR	0	0	1314	322	32	2	2	0.00	1.89	0
CO14998+	CO15068	4.63	4 1-	2ACSR	0	0	1310	322	28	1	1	0.00	1.89	0
CO14997+	CO14998	4.65	1 1-	2ACSR	0	0	1305	321	6	0	0	0.00	1.89	0
CO14852+	CO14997	4.69	1 1-	2ACSR	0	0	1297	321	6	0	0	0.00	1.89	0
CO14996+	CO14997	4.67	0 1-	2ACSR	0	0	1302	321	0	0	0	0.00	1.89	0
CO14851+	CO14998	4.64	3 1-	2ACSR	0	0	1308	322	22	1	1	0.00	1.89	0
CO15000+	CO15121	4.29	8 1-	2ACSR	0	0	1398	328	53	3	2	0.00	1.86	0
CO14974+	CO15000	4.34	7 1-	4ACSR	0	0	1382	327	40	2	2	0.00	1.87	0
CO14973+	CO14974	4.36	4 1-	4ACSR	0	0	1379	327	13	0	1	0.00	1.87	0
CO14849+	CO14973	4.40	2 1-	4ACSR	0	0	1367	326	5	0	0	0.00	1.87	0
CO14972+	CO14973	4.39	1 1-	4ACSR	0	0	1368	326	3	0	0	0.00	1.87	0
CO532205845+	CO15121	4.37	483 3-	4/0ACSR	1735	1636	1383	328	3183	72	21	0.04	1.90	177
CO15064+	CO532205845	4.40	4 1-	4ACSR	0	0	1377	327	33	2	2	0.00	1.90	0
CO15065+	CO15064	4.45	2 1-	4ACSR	0	0	1363	326	13	0	1	0.00	1.90	0
CO264921877+	CO532205845	4.45	479 3-	4/0ACSR	1721	1623	1370	327	3150	71	21	0.03	1.93	108
CO15075+	CO264921877	4.57	3 1-	4ACSR	0	0	1337	325	11	0	1	0.00	1.93	0
CO15071+	CO264921877	4.58	476 3-	4/0ACSR	1698	1599	1346	326	3138	71	21	0.05	1.97	201
CO30695+	CO15071	4.60	0 3-	4/0ACSR	1695	1596	1344	326	0	0	0	0.00	1.97	0
CO15133+	CO15071	4.59	476 3-	4/0ACSR	1697	1598	1345	326	3137	71	21	0.00	1.98	7
CO14881+	CO15133	4.72	39 3-	1/0ACSR	1670	1570	1320	325	269	8	4	0.00	1.98	5
CO14880+	CO14881	4.78	37 3-	1/0ACSR	1658	1558	1309	324	259	8	4	0.00	1.98	2
CO782492974+	CO14880	4.79	3 3-	1/0ACSR	1657	1556	1308	324	7	0	0	0.00	1.98	0
CO15135+	CO782492974	4.87	3 3-	1/0ACSR	1640	1539	1292	323	7	0	0	0.00	1.98	0
CO15090+	CO15135	4.90	2 3-	1/0ACSR	1634	1533	1286	323	5	0	0	0.00	1.98	0
CO15091+	CO15090	4.97	2 3-	1/0ACSR	1620	1518	1273	322	5	0	0	0.00	1.98	0
CO779947017+	CO15091	5.01	0 3-	2ACSR	1612	1509	1266	322	0	0	0	0.00	1.98	0
CO1154394619+	CO779947017	5.01	0 3-	2ACSR	1611	1509	1265	322	0	0	0	0.00	1.98	0
CO17257+	CO14880	5.06	27 3-	1/0ACSR	1603	1501	1258	321	209	7	3	0.00	1.97	10
CO30671+	CO17257	5.17	0 3-	1/0ACSR	1583	1480	1240	320	0	0	0	0.00	1.97	0
CO13068+	CO17257	5.07	27 3-	1/0ACSR	1601	1499	1257	321	209	7	3	0.00	1.97	0
CA59+	CO13068	5.07	0 3-	Capacitor	1601	1499	1257	321	0	-7	0	0.00	1.97	0
CO13136+	CO13068	5.08	9 1-	6ACWC	0	0	1255	321	104	7	5	0.00	1.97	0
OC366+	CO13136	5.08	9 1-	25 E OCR	0	0	1255	321	104	7	29	0.00	1.97	0
CO17258+	OC366	5.21	9 1-	6ACWC	0	0	1224	319	104	7	5	0.02	2.00	4
CO15063+	CO17258	5.28	9 1-	6ACWC	0	0	1210	317	104	7	5	0.01	2.00	0
CO15062+	CO15063	5.33	8 1-	6ACWC	0	0	1197	316	46	3	2	0.00	2.01	0
CO14887+	CO15062	5.40	7 1-	6ACWC	0	0	1183	315	46	3	2	0.00	2.01	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15069+	CO14887	5.58	3 1-	6ACWC	0	0	1144	312	10	0	0	0.00	2.02	0
OC1083824963+	CO15069	5.58	2 1-	20 N FUSE	0	0	1144	312	10	0	3	0.00	2.02	0
CO14886+	OC1083824963	5.75	2 1-	6ACWC	0	0	1110	308	10	0	0	0.00	2.02	0
CO14885+	CO14886	5.82	2 1-	6ACWC	0	0	1096	307	10	0	0	0.00	2.02	0
CO14853+	CO14885	5.89	1 1-	2ACSR	0	0	1085	306	10	0	0	0.00	2.02	0
CO14884+	CO14885	5.85	1 1-	6ACWC	0	0	1092	307	0	0	0	0.00	2.02	0
CO14883+	CO14884	5.92	1 1-	6ACWC	0	0	1077	305	0	0	0	0.00	2.02	0
CO14882+	CO14883	5.98	1 1-	6ACWC	0	0	1067	304	0	0	0	0.00	2.02	0
CO14961+	CO14887	5.51	4 1-	6ACWC	0	0	1161	313	36	2	2	0.01	2.02	0
CO14963+	CO14961	5.61	3 1-	6ACWC	0	0	1139	311	29	2	1	0.00	2.02	0
CO14962+	CO14963	5.65	3 1-	6ACWC	0	0	1131	310	29	2	1	0.00	2.02	0
CO14960+	CO14961	5.53	1 1-	6ACWC	0	0	1155	313	7	0	0	0.00	2.02	0
CO14959+	CO14960	5.62	1 1-	6ACWC	0	0	1137	311	7	0	0	0.00	2.02	0
CO13137+	CO13068	5.08	18 1-	6HDCU	0	0	1255	321	105	7	6	0.00	1.97	0
OC-2129705723+	CO13137	5.08	18 1-	20 N FUSE	0	0	1255	321	105	7	36	0.00	1.97	0
CO13138+	OC-2129705723	5.09	18 1-	6HDCU	0	0	1252	321	105	7	6	0.00	1.98	0
CO-38597912+	CO13138	5.10	0 1-	2ACSR	0	0	1249	321	0	0	0	0.00	1.98	0
CO195618093+	CO-38597912	5.20	0 1-	2ACSR	0	0	1230	319	0	0	0	0.00	1.98	0
CO-1166794840+	CO-38597912	5.12	0 1-	2ACSR	0	0	1245	321	0	0	0	0.00	1.98	0
CO13052+	CO13138	5.20	17 1-	6HDCU	0	0	1227	319	95	6	5	0.02	1.99	3
CO13021+	CO13052	5.26	2 1-	4ACSR	0	0	1214	318	14	0	1	0.00	1.99	0
OC1414540629+	CO13021	5.26	1 1-	20 N FUSE	0	0	1214	318	4	0	1	0.00	1.99	0
CO13022+	OC1414540629	5.33	1 1-	4ACSR	0	0	1198	316	4	0	0	0.00	1.99	0
CO13023+	CO13052	5.23	15 1-	6HDCU	0	0	1221	318	81	5	4	0.00	2.00	0
CO13121+	CO13023	5.37	15 1-	6HDCU	0	0	1189	316	81	5	4	0.02	2.01	2
CO13024+	CO13121	5.43	14 1-	6HDCU	0	0	1177	314	78	5	4	0.01	2.02	0
CO13025+	CO13024	5.55	13 1-	6HDCU	0	0	1152	312	71	4	4	0.01	2.03	0
CO12984+	CO13025	5.65	0 1-	4ACSR	0	0	1132	310	0	0	0	0.00	2.03	0
CO12946+	CO13025	5.74	13 1-	6HDCU	0	0	1114	309	71	4	4	0.02	2.06	2
CO13148+	CO12946	5.89	13 1-	6HDCU	0	0	1084	306	71	4	4	0.02	2.07	0
CO13063+	CO13148	5.92	13 1-	6HDCU	0	0	1079	305	71	4	4	0.00	2.08	0
CO12945+	CO13063	5.99	3 1-	4ACSR	0	0	1067	304	7	0	0	0.00	2.08	0
CO13030+	CO12945	6.07	2 1-	4ACSR	0	0	1052	303	1	0	0	0.00	2.08	0
CO13031+	CO13030	6.42	1 1-	4ACSR	0	0	990	297	1	0	0	0.00	2.08	0
CO12982+	CO12945	6.06	1 1-	4ACSR	0	0	1053	303	5	0	0	0.00	2.08	0
CO13026+	CO13063	5.97	4 1-	6HDCU	0	0	1071	305	18	1	1	0.00	2.08	0
CO13027+	CO13026	6.13	3 1-	6HDCU	0	0	1041	302	9	0	0	0.00	2.08	0
CO12981+	CO13027	6.38	1 1-	4ACSR	0	0	998	298	0	0	0	0.00	2.08	0
CO12980+	CO13027	6.22	2 1-	4ACSR	0	0	1026	300	9	0	0	0.00	2.08	0
CO13028+	CO13063	6.05	6 1-	6HDCU	0	0	1055	303	47	3	2	0.01	2.08	0
CO13029+	CO13028	6.11	4 1-	6HDCU	0	0	1045	302	44	3	2	0.00	2.09	0
CO12991+	CO13029	6.15	1 1-	4ACSR	0	0	1037	301	0	0	0	0.00	2.09	0
CO13074+	CO13029	6.15	3 1-	6HDCU	0	0	1037	301	44	3	2	0.00	2.09	0
CO13075+	CO13074	6.19	2 1-	6HDCU	0	0	1031	301	33	2	2	0.00	2.09	0
CO13104+	CO13075	6.21	2 1-	4ACSR	0	0	1027	300	33	2	2	0.00	2.09	0
CO13105+	CO13104	6.28	2 1-	4ACSR	0	0	1014	299	33	2	2	0.00	2.10	0
CO-732329251+	CO13105	6.42	1 1-	2ACSR	0	0	995	298	19	1	1	0.00	2.10	0
CO13078+	CO13075	6.38	0 1-	6HDCU	0	0	999	298	0	0	0	0.00	2.09	0
CO14958+	CO14880	4.87	6 1-	4ACSR	0	0	1286	322	37	2	2	0.01	1.98	0
CO15088+	CO14958	4.92	4 1-	4ACSR	0	0	1275	322	22	1	1	0.00	1.98	0
CO15089+	CO15088	4.95	3 1-	4ACSR	0	0	1267	321	18	1	1	0.00	1.98	0
CO14957+	CO15089	4.98	2 1-	4ACSR	0	0	1259	320	9	0	0	0.00	1.98	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-1650733152+	CO14957	5.03	2 1-	2ACSR	0	0	1250	320	9	0	0	0.00	1.98	0
CO14847+	CO14958	4.91	1 1-	4ACSR	0	0	1276	322	10	0	1	0.00	1.98	0
CO14846+	CO15133	4.67	0 1-	4ACSR	0	0	1326	325	0	0	0	0.00	1.98	0
CO14802+	CO15133	4.77	437 3-	1/0ACSR	1660	1560	1311	324	2868	66	29	0.11	2.08	462
CO14939+	CO14802	4.96	1 1-	4ACSR	0	0	1264	321	0	0	0	0.00	2.09	0
OC260983645+	CO14939	4.96	0 1-	20 N FUSE	0	0	1264	321	0	0	0	0.00	2.09	0
CO14801+	CO14802	4.96	436 3-	1/0ACSR	1623	1521	1276	322	2866	66	29	0.11	2.20	486
CO15136+	CO14801	4.97	433 3-	1/0ACSR	1621	1520	1275	322	2851	66	29	0.00	2.20	17
OC444+	CO15136	4.97	433 3-	70 E OCR	1621	1520	1275	322	2851	66	95	0.00	2.20	0
CO15137+	OC444	5.20	433 3-	1/0ACSR	1578	1475	1235	320	2851	66	29	0.14	2.34	583
CO14942+	CO15137	5.30	2 1-	4ACSR	0	0	1212	318	13	0	1	0.00	2.34	0
OC-1533721176+	CO14942	5.30	1 1-	20 N FUSE	0	0	1212	318	1	0	0	0.00	2.34	0
CO14941+	OC-1533721176	5.33	1 1-	4ACSR	0	0	1206	318	1	0	0	0.00	2.34	0
CO14940+	CO14941	5.42	1 1-	4ACSR	0	0	1185	316	1	0	0	0.00	2.34	0
CO796303272+	CO15137	5.30	429 3-	2ACSR	1556	1452	1215	319	2822	65	37	0.09	2.43	413
XFMR23	CO796303272	5.30	429 3-	1000 KVA 1PH AU	1568	1520	1377	174	2820	65	95	1.32	3.75	0
CO-1720559975	XFMR23	5.61	429 3-	2ACSR	1457	1396	1250	172	2820	131	73	1.08	4.84	4959
REG178	CO-1720559975	5.61	429 3-	200.00000000000	1457	1396	1250	172	2797	131	0	-4.84	0.00	0
CO14804	REG178	6.15	427 3-	1/0ACSR	1307	1237	1090	169	2790	126	55	1.21	1.21	4962
CO15076	CO14804	6.26	112 3-	1/0ACSR	1280	1209	1063	169	795	36	16	0.07	1.28	81
OC-1741594903	CO15076	6.26	111 3-	20 N FUSE	1280	1209	1063	169	793	36	181	0.00	1.28	0
CO15077	OC-1741594903	6.40	111 3-	1/0ACSR	1247	1174	1029	168	793	36	16	0.09	1.37	105
CO15083	CO15077	6.58	101 3-	1/0ACSR	1205	1131	987	167	684	31	14	0.10	1.47	101
CO15084	CO15083	6.70	100 3-	1/0ACSR	1179	1104	962	167	671	30	13	0.06	1.53	65
CO-1198315617	CO15084	6.74	1 1-	4ACSR	0	0	950	166	10	1	1	0.00	1.53	0
OC-431316514	CO-1198315617	6.74	1 1-	20 N FUSE	0	0	950	166	10	1	7	0.00	1.53	0
CO1353017153	OC-431316514	6.80	1 1-	2ACSR	0	0	937	166	10	1	1	0.00	1.53	0
CO593110354	OC-431316514	6.78	0 1-	4ACSR	0	0	941	166	0	0	0	0.00	1.53	0
CO14944	CO593110354	6.84	0 1-	4ACSR	0	0	923	165	0	0	0	0.00	1.53	0
CO14876	CO15084	6.78	97 3-	1/0ACSR	1163	1088	947	166	647	29	13	0.04	1.57	38
CO14875	CO14876	7.09	97 3-	1/0ACSR	1101	1025	888	165	647	29	13	0.16	1.73	155
CO15004	CO14875	7.15	2 1-	4ACSR	0	0	873	164	6	0	1	0.00	1.73	0
OC-2024975315	CO15004	7.15	1 1-	20 N FUSE	0	0	873	164	0	0	0	0.00	1.73	0
CO15003	OC-2024975315	7.17	1 1-	4ACSR	0	0	867	164	0	0	0	0.00	1.73	0
CO14874	CO14875	7.13	94 3-	1/0ACSR	1094	1017	881	165	628	28	13	0.02	1.75	19
CO14898	CO14874	7.29	56 1-	4ACSR	0	0	842	163	329	45	32	0.32	2.08	169
CO14899	CO14898	7.31	55 1-	4ACSR	0	0	839	163	314	43	31	0.03	2.11	17
CO14900	CO14899	7.34	55 1-	4ACSR	0	0	830	162	314	43	31	0.08	2.18	38
CO14901	CO14900	7.39	55 1-	4ACSR	0	0	819	162	314	43	31	0.09	2.28	48
CO15138	CO14901	7.40	55 1-	4ACSR	0	0	818	162	313	43	31	0.01	2.29	7
OC441	CO15138	7.40	55 1-	50 H OCR	0	0	818	162	313	43	87	0.00	2.29	0
CO15139	OC441	7.66	55 1-	4ACSR	0	0	764	159	313	43	31	0.52	2.81	261
CO15790	CO15139	7.70	3 1-	4ACSR	0	0	755	159	9	1	1	0.00	2.81	0
CO15791	CO15790	7.83	1 1-	4ACSR	0	0	731	158	1	0	0	0.00	2.81	0
CO15687	CO15139	7.74	52 1-	4ACSR	0	0	747	159	304	42	30	0.16	2.97	81
CO15641	CO15687	7.80	50 1-	4ACSR	0	0	736	158	290	40	29	0.10	3.08	49
CO17200	CO15641	7.84	50 1-	4ACSR	0	0	729	158	290	40	29	0.07	3.15	33
CO17198	CO17200	8.06	49 1-	4ACSR	0	0	690	156	280	39	28	0.40	3.55	183
CO15555	CO17198	8.28	47 1-	4ACSR	0	0	655	154	256	35	26	0.36	3.90	149
OC-1568984116	CO15555	8.28	47 1-	20 N FUSE	0	0	655	154	256	35	179	0.00	3.90	0
CO15601	OC-1568984116	8.35	0 1-	4ACSR	0	0	645	153	0	0	0	0.00	3.90	0
CO15640	OC-1568984116	8.36	47 1-	4ACSR	0	0	644	153	256	35	26	0.12	4.02	50

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15797	CO15640	8.44	45 1-	4ACSR	0	0	632	152	247	34	25	0.13	4.15	52
CO15798	CO15797	8.51	44 1-	4ACSR	0	0	621	152	243	34	24	0.11	4.26	44
CO15796	CO15798	8.62	42 1-	4ACSR	0	0	606	151	239	33	24	0.17	4.43	67
CO15794	CO15796	8.85	39 1-	4ACSR	0	0	577	149	231	32	23	0.33	4.76	122
CO15795	CO15794	8.98	38 1-	4ACSR	0	0	562	148	216	30	22	0.18	4.94	64
CO15556	CO15795	9.12	33 1-	4ACSR	0	0	547	147	198	27	20	0.17	5.11	55
CO15561	CO15556	9.13	33 1-	4ACSR	0	0	544	146	197	27	20	0.02	5.14	8
CO15821	CO15561	9.31	3 1-	4ACSR	0	0	525	145	20	2	2	0.02	5.16	0
CO-38563364	CO15821	9.34	1 1-	2ACSR	0	0	523	145	7	0	1	0.00	5.16	0
CO1618056843	CO-38563364	9.38	1 1-	2ACSR	0	0	520	145	7	0	1	0.00	5.16	0
CO15602	CO15821	9.38	0 1-	4ACSR	0	0	519	144	0	0	0	0.00	5.16	0
CO15822	CO15821	9.45	2 1-	4ACSR	0	0	512	144	13	1	1	0.01	5.17	0
CO15863	CO15561	9.17	30 1-	4ACSR	0	0	541	146	177	25	18	0.04	5.18	12
CO15864	CO15863	9.19	30 1-	4ACSR	0	0	538	146	177	25	18	0.03	5.20	7
CO15603	CO15864	9.24	1 1-	4ACSR	0	0	533	145	0	0	0	0.00	5.20	0
CO15804	CO15864	9.28	28 1-	4ACSR	0	0	529	145	174	24	18	0.10	5.31	30
CO15805	CO15804	9.42	28 1-	4ACSR	0	0	515	144	174	24	18	0.14	5.45	41
CO15644	CO15805	9.70	26 1-	4ACSR	0	0	488	142	164	23	17	0.30	5.75	82
OC1416300062	CO15644	9.70	26 1-	20 N FUSE	0	0	488	142	164	23	116	0.00	5.75	0
CO15647	OC1416300062	9.77	0 1-	4ACSR	0	0	483	141	0	0	0	0.00	5.75	0
SW1132832893-A	CO15647	9.77	0 1-	Open	0	0	483	141	0	0	0	0.00	5.75	0
CO15777	OC1416300062	9.85	26 1-	4ACSR	0	0	476	141	164	23	17	0.15	5.90	42
CO15778	CO15777	9.99	25 1-	4ACSR	0	0	464	140	160	22	16	0.15	6.05	39
CO15613	CO15778	10.01	1 1-	4ACSR	0	0	462	140	9	1	1	0.00	6.05	0
CO15605	CO15778	10.14	1 1-	4ACSR	0	0	452	139	3	0	0	0.00	6.05	0
CO15557	CO15778	10.06	23 1-	4ACSR	0	0	458	139	148	21	15	0.07	6.12	16
CO15745	CO15557	10.08	7 1-	4ACSR	0	0	456	139	58	8	6	0.01	6.13	0
CO15819	CO15745	10.13	7 1-	2ACSR	0	0	454	139	58	8	5	0.01	6.14	0
CO15820	CO15819	10.16	5 1-	2ACSR	0	0	452	139	40	5	3	0.01	6.14	0
CO15744	CO15820	10.20	4 1-	4ACSR	0	0	448	138	32	4	3	0.01	6.15	0
CO15716	CO15744	10.27	2 1-	2ACSR	0	0	444	138	18	2	1	0.00	6.15	0
CO15697	CO15716	10.35	1 1-	2ACSR	0	0	440	138	10	1	1	0.00	6.16	0
CO15698	CO15697	10.44	1 1-	2ACSR	0	0	435	137	10	1	1	0.00	6.16	0
CO1072546039	CO15698	10.49	0 1-	2ACSR	0	0	432	137	0	0	0	0.00	6.16	0
CO15558	CO15557	10.13	15 1-	4ACSR	0	0	453	139	78	11	8	0.03	6.15	4
CO15714	CO15558	10.17	2 1-	4ACSR	0	0	449	138	16	2	2	0.00	6.16	0
CO15715	CO15714	10.22	1 1-	4ACSR	0	0	446	138	7	1	1	0.00	6.16	0
CO15607	CO15558	10.15	2 1-	4ACSR	0	0	451	139	15	2	2	0.00	6.15	0
CO15559	CO15558	10.32	10 1-	4ACSR	0	0	438	137	38	5	4	0.05	6.20	3
CO15788	CO15559	10.44	7 1-	4ACSR	0	0	429	136	26	3	3	0.02	6.22	0
CO15789	CO15788	10.51	6 1-	4ACSR	0	0	425	136	26	3	3	0.01	6.23	0
CO15649	CO15789	10.55	6 1-	4ACSR	0	0	422	136	26	3	3	0.00	6.23	0
CO15786	CO15649	10.61	2 1-	4ACSR	0	0	418	135	4	0	0	0.00	6.23	0
CO15787	CO15786	10.69	0 1-	4ACSR	0	0	413	135	0	0	0	0.00	6.23	0
CO15813	CO15649	10.61	2 1-	4ACSR	0	0	418	135	5	0	1	0.00	6.24	0
CO15608	CO15813	10.66	1 1-	4ACSR	0	0	415	135	5	0	1	0.00	6.24	0
CO15814	CO15813	10.63	1 1-	4ACSR	0	0	417	135	0	0	0	0.00	6.24	0
CO15695	CO15559	10.40	2 1-	4ACSR	0	0	432	137	7	1	1	0.00	6.20	0
CO15696	CO15695	10.51	1 1-	4ACSR	0	0	425	136	5	0	1	0.00	6.20	0
CO15606	CO15557	10.13	1 1-	4ACSR	0	0	452	139	12	1	1	0.00	6.12	0
CO15645	CO15795	9.12	5 1-	4ACSR	0	0	545	146	18	2	2	0.01	4.96	0
CO15646	CO15645	9.26	4 1-	4ACSR	0	0	531	145	12	1	1	0.01	4.97	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15792	CO15646	9.32	3 1-	4ACSR	0	0	525	145	5	0	0	0.00	4.97	0
CO15793	CO15792	9.43	2 1-	4ACSR	0	0	514	144	4	0	0	0.00	4.97	0
CO15691	CO15793	9.48	1 1-	4ACSR	0	0	509	144	4	0	0	0.00	4.97	0
CO15604	CO15646	9.29	1 1-	4ACSR	0	0	528	145	7	1	1	0.00	4.97	0
CO15642	CO15796	8.75	3 1-	4ACSR	0	0	590	150	8	1	1	0.01	4.44	0
CO15815	CO15642	8.79	3 1-	4ACSR	0	0	585	149	8	1	1	0.00	4.44	0
CO15816	CO15815	8.83	2 1-	4ACSR	0	0	580	149	3	0	0	0.00	4.44	0
CO-1835737754	CO15816	8.90	1 1-	2ACSR	0	0	573	148	3	0	0	0.00	4.44	0
CO15643	CO15816	9.04	1 1-	4ACSR	0	0	555	147	0	0	0	0.00	4.44	0
CO15600	CO17198	8.09	1 1-	4ACSR	0	0	686	155	11	1	1	0.00	3.55	0
CO15599	CO17198	8.21	1 1-	4ACSR	0	0	667	154	12	1	1	0.01	3.55	0
CO15688	CO15687	7.80	2 1-	4ACSR	0	0	736	158	13	1	1	0.00	2.97	0
CO15689	CO15688	7.85	1 1-	4ACSR	0	0	728	158	2	0	0	0.00	2.97	0
CO15690	CO15689	7.89	1 1-	4ACSR	0	0	721	157	2	0	0	0.00	2.97	0
CO15120	CO14874	7.25	38 3-	1/0ACSR	1072	995	860	164	299	13	6	0.03	1.78	13
CO15140	CO15120	7.26	37 1-	4ACSR	0	0	858	164	299	41	29	0.01	1.79	6
OC450	CO15140	7.26	37 1-	20 N FUSE	0	0	858	164	299	41	205	0.00	1.79	0
CO15141	OC450	7.31	37 1-	4ACSR	0	0	846	163	299	41	29	0.10	1.90	50
CO14854	CO15141	7.35	1 1-	2ACSR	0	0	838	163	14	1	1	0.00	1.90	0
CO14877	CO15141	7.38	36 1-	4ACSR	0	0	829	163	285	39	28	0.13	2.02	58
CO14805	CO14877	7.61	34 1-	4ACSR	0	0	781	160	270	37	27	0.39	2.41	168
CO14806	CO14805	7.88	32 1-	4ACSR	0	0	728	158	257	35	25	0.45	2.85	185
CO15155	CO14806	7.96	29 1-	4ACSR	0	0	714	157	237	32	24	0.11	2.97	44
CO15087	CO15155	7.99	29 1-	4ACSR	0	0	708	157	237	32	24	0.05	3.02	19
CO17197	CO15087	8.08	27 1-	4ACSR	0	0	693	156	230	31	23	0.13	3.15	48
CO17199	CO17197	8.22	2 1-	4ACSR	0	0	672	155	27	3	3	0.02	3.16	0
CO14908	CO17199	8.24	1 1-	4ACSR	0	0	669	155	10	1	1	0.00	3.17	0
CO14907	CO14908	8.34	1 1-	4ACSR	0	0	653	154	10	1	1	0.00	3.17	0
CO15582	CO17197	8.14	2 1-	4ACSR	0	0	684	155	9	1	1	0.00	3.15	0
CO15541	CO17197	8.29	23 1-	4ACSR	0	0	660	154	194	26	19	0.26	3.40	81
CO15542	CO15541	8.39	22 1-	4ACSR	0	0	645	153	182	25	18	0.11	3.51	33
CO15673	CO15542	8.44	3 1-	4ACSR	0	0	637	153	14	1	1	0.00	3.52	0
CO15674	CO15673	8.52	1 1-	4ACSR	0	0	627	152	1	0	0	0.00	3.52	0
CO15733	CO15542	8.51	19 1-	4ACSR	0	0	628	152	168	23	17	0.13	3.64	35
CO15734	CO15733	8.63	18 1-	4ACSR	0	0	611	151	166	23	17	0.13	3.77	36
CO15543	CO15734	8.69	5 1-	4ACSR	0	0	603	151	39	5	4	0.01	3.79	0
CO15544	CO15543	8.75	3 1-	4ACSR	0	0	596	150	28	3	3	0.01	3.80	0
CO15735	CO15544	8.84	1 1-	4ACSR	0	0	584	149	3	0	0	0.00	3.80	0
CO15853	CO15735	9.15	0 1-	4ACSR	0	0	548	147	0	0	0	0.00	3.80	0
SW480-B	CO15853	9.15	0 1-	Open	0	0	548	147	0	0	0	0.00	3.80	0
SW-732583338-B	CO15853	9.15	0 1-	Closed	0	0	548	147	0	0	0	0.00	3.80	0
SW-732583338-A	SW-732583338-B	9.15	0 1-	Closed	0	0	548	147	0	0	0	0.00	3.80	0
CO15584	CO15544	8.88	1 1-	4ACSR	0	0	579	149	9	1	1	0.00	3.80	0
CO15585	CO15543	8.77	2 1-	4ACSR	0	0	592	150	11	1	1	0.00	3.79	0
CO15546	CO15734	8.81	13 1-	4ACSR	0	0	587	150	127	17	13	0.14	3.91	28
CO15624	CO15546	8.89	11 1-	4ACSR	0	0	578	149	94	13	9	0.05	3.96	7
CO15625	CO15624	9.02	11 1-	4ACSR	0	0	562	148	94	13	9	0.07	4.03	10
CO15808	CO15625	9.06	1 1-	4ACSR	0	0	558	147	10	1	1	0.00	4.03	0
CO15675	CO15808	9.10	0 1-	4ACSR	0	0	553	147	0	0	0	0.00	4.03	0
CO15754	CO15625	9.10	7 1-	4ACSR	0	0	553	147	57	8	6	0.02	4.05	0
CO15755	CO15754	9.17	4 1-	4ACSR	0	0	545	147	34	4	3	0.01	4.06	0
CO15676	CO15546	8.87	1 1-	4ACSR	0	0	581	149	22	3	2	0.01	3.92	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15677	CO15676	8.91	1 1-	4ACSR	0	0	575	149	22	3	2	0.01	3.93	0
CO15678	CO15677	8.97	1 1-	4ACSR	0	0	569	148	22	3	2	0.00	3.93	0
CO15583	CO15541	8.41	1 1-	4ACSR	0	0	643	153	11	1	1	0.00	3.41	0
CO14814	CO15155	8.00	0 1-	4ACSR	0	0	708	157	0	0	0	0.00	2.97	0
CO14952	CO14806	7.92	3 1-	4ACSR	0	0	721	157	19	2	2	0.00	2.86	0
CO14951	CO14952	8.01	2 1-	4ACSR	0	0	705	157	19	2	2	0.01	2.87	0
CO14842	CO14951	8.06	1 1-	4ACSR	0	0	697	156	11	1	1	0.00	2.87	0
CO14990	CO14951	8.05	0 1-	4ACSR	0	0	698	156	0	0	0	0.00	2.87	0
CO14989	CO14990	8.09	0 1-	4ACSR	0	0	692	156	0	0	0	0.00	2.87	0
CO14950	CO14951	8.06	1 1-	4ACSR	0	0	698	156	8	1	1	0.00	2.87	0
CO15085	CO14805	7.73	2 1-	4ACSR	0	0	757	159	12	1	1	0.01	2.42	0
CO15086	CO15085	8.03	2 1-	4ACSR	0	0	703	157	12	1	1	0.02	2.44	0
CO14841	CO15086	8.10	1 1-	4ACSR	0	0	690	156	12	1	1	0.00	2.44	0
CO15158	CO15086	8.09	0 1-	4ACSR	0	0	692	156	0	0	0	0.00	2.44	0
CO15157	CO15086	8.14	1 1-	4ACSR	0	0	684	155	0	0	0	0.00	2.44	0
CO14840	CO14877	7.65	1 1-	4ACSR	0	0	773	160	14	1	1	0.01	2.03	0
CO14947	CO15084	6.87	2 1-	4ACSR	0	0	915	165	13	1	1	0.01	1.54	0
OC1986439509	CO14947	6.87	2 1-	20 N FUSE	0	0	915	165	13	1	9	0.00	1.54	0
CO14948	OC1986439509	6.96	1 1-	4ACSR	0	0	893	164	1	0	0	0.00	1.54	0
CO14946	OC1986439509	6.95	0 1-	4ACSR	0	0	895	164	0	0	0	0.00	1.54	0
CO14949	OC1986439509	6.97	1 1-	4ACSR	0	0	889	164	12	1	1	0.00	1.55	0
CO15078	CO15077	6.46	10 1-	4ACSR	0	0	1009	168	109	14	11	0.04	1.40	6
OC769078401	CO15078	6.46	7 1-	20 N FUSE	0	0	1009	168	77	10	53	0.00	1.40	0
CO15079	OC769078401	6.48	7 1-	4ACSR	0	0	1002	167	77	10	8	0.01	1.41	0
CO14943	CO15079	6.52	7 1-	4ACSR	0	0	990	167	77	10	8	0.02	1.43	0
CO15080	CO14943	6.57	5 1-	4ACSR	0	0	975	166	55	7	5	0.01	1.44	0
CO15081	CO15080	6.62	3 1-	4ACSR	0	0	962	166	34	4	3	0.01	1.45	0
CO15082	CO15081	6.66	1 1-	4ACSR	0	0	949	165	19	2	2	0.00	1.45	0
CO15122	CO14804	6.28	313 3-	1/0ACSR	1274	1202	1056	169	1963	89	39	0.21	1.42	609
CO15123	CO15122	6.42	312 3-	1/0ACSR	1243	1169	1024	168	1957	89	39	0.21	1.63	617
CO14807	CO15123	6.56	312 3-	1/0ACSR	1210	1136	992	167	1955	89	39	0.23	1.85	656
CO14844	CO14807	6.59	1 1-	4ACSR	0	0	984	167	8	1	1	0.00	1.85	0
OC976808779	CO14844	6.59	0 1-	20 N FUSE	0	0	984	167	0	0	0	0.00	1.85	0
CO14879	CO14807	6.61	311 3-	1/0ACSR	1200	1125	982	167	1944	89	39	0.07	1.93	217
CO14878	CO14879	6.64	311 3-	1/0ACSR	1191	1116	974	167	1943	89	39	0.06	1.99	174
CO14845	CO14878	6.68	1 1-	4ACSR	0	0	963	167	2	0	0	0.00	1.99	0
OC-196301738	CO14845	6.68	0 1-	20 N FUSE	0	0	963	167	0	0	0	0.00	1.99	0
CO14808	CO14878	6.77	310 3-	1/0ACSR	1165	1090	949	166	1940	89	39	0.19	2.18	555
CO17267	CO14808	6.97	304 3-	1/0ACSR	1125	1048	910	165	1885	86	38	0.31	2.49	861
CO7696	CO17267	7.05	301 3-	1/0ACSR	1109	1033	895	165	1862	86	37	0.12	2.61	340
CO7695	CO7696	7.13	300 3-	1/0ACSR	1094	1017	881	165	1852	85	37	0.12	2.73	332
CO7693	CO7695	7.19	300 3-	1/0ACSR	1083	1006	870	164	1850	85	37	0.10	2.82	265
CO7694	CO7693	7.32	299 3-	1/0ACSR	1060	985	849	164	1835	84	37	0.19	3.01	517
CO7692	CO7694	7.34	297 3-	1/0ACSR	1055	980	844	164	1831	84	37	0.04	3.05	122
CO7435	CO7692	7.50	294 3-	1/0ACSR	1029	957	821	163	1804	83	36	0.22	3.28	607
CO7701	CO7435	7.58	14 1-	4ACSR	0	0	803	162	88	12	9	0.05	3.32	6
OC-719484685	CO7701	7.58	11 1-	20 N FUSE	0	0	803	162	82	11	57	0.00	3.32	0
CO7702	OC-719484685	7.66	11 1-	4ACSR	0	0	787	161	82	11	8	0.04	3.36	5
CO7594	CO7702	7.78	3 1-	4ACSR	0	0	762	160	26	3	3	0.01	3.37	0
CO7595	CO7594	7.83	2 1-	4ACSR	0	0	753	160	11	1	1	0.00	3.37	0
CO7591	CO7702	7.75	6 1-	4ACSR	0	0	768	160	34	4	3	0.02	3.38	0
CO7706	CO7591	7.81	6 1-	4ACSR	0	0	757	160	34	4	3	0.01	3.39	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX L LG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7707	CO7706	7.90	4 1-	4ACSR	0	0	740	159	23	3	2	0.01	3.40	0
CO7705	CO7707	7.93	3 1-	4ACSR	0	0	735	159	23	3	2	0.00	3.41	0
CO7592	CO7705	7.97	1 1-	4ACSR	0	0	727	158	11	1	1	0.00	3.41	0
CO7593	CO7592	8.02	1 1-	4ACSR	0	0	718	158	11	1	1	0.00	3.41	0
CO7469	CO7702	7.72	1 1-	4ACSR	0	0	773	161	9	1	1	0.00	3.36	0
CO7436	CO7435	7.57	279 3-	1/0ACSR	1017	945	809	162	1710	79	35	0.11	3.38	272
CO7470	CO7436	7.66	1 1-	4ACSR	0	0	791	162	0	0	0	0.00	3.38	0
OC-759209009	CO7470	7.66	0 1-	20 N FUSE	0	0	791	162	0	0	0	0.00	3.38	0
CO7437	CO7436	7.64	276 3-	1/0ACSR	1006	935	799	162	1694	78	34	0.09	3.47	235
CO7724	CO7437	7.71	2 1-	4ACSR	0	0	784	161	14	1	1	0.01	3.48	0
OC-648730125	CO7724	7.71	1 1-	20 N FUSE	0	0	784	161	14	1	9	0.00	3.48	0
CO7725	OC-648730125	7.73	1 1-	4ACSR	0	0	780	161	14	1	1	0.00	3.48	0
CO7699	CO7437	7.69	272 3-	1/0ACSR	997	928	792	162	1670	77	34	0.07	3.55	184
CO7700	CO7699	7.74	271 3-	1/0ACSR	990	920	785	162	1659	77	34	0.07	3.61	172
CO7471	CO7700	7.84	1 1-	4ACSR	0	0	766	161	2	0	0	0.00	3.61	0
OC1642092981	CO7471	7.84	0 1-	20 N FUSE	0	0	766	161	0	0	0	0.00	3.61	0
CO7655	CO7700	7.80	268 3-	1/0ACSR	981	912	777	161	1643	76	33	0.08	3.69	192
CO7540	CO7655	7.85	1 1-	2ACSR	0	0	768	161	6	0	0	0.00	3.69	0
OC413730703	CO7540	7.85	0 1-	20 N FUSE	0	0	768	161	0	0	0	0.00	3.69	0
CO7656	CO7655	7.85	267 3-	1/0ACSR	974	906	770	161	1636	76	33	0.06	3.75	157
CO7438	CO7656	7.96	57 1-	4ACSR	0	0	749	160	311	43	31	0.23	3.98	115
CO7537	CO7438	8.02	2 1-	2ACSR	0	0	739	160	10	1	1	0.00	3.98	0
CO7439	CO7438	7.98	44 1-	4ACSR	0	0	745	160	249	34	25	0.03	4.01	12
CO7686	CO7439	8.03	2 1-	4ACSR	0	0	737	159	23	3	2	0.00	4.01	0
CO7687	CO7686	8.08	1 1-	4ACSR	0	0	726	159	9	1	1	0.00	4.01	0
CO7657	CO7439	8.09	41 1-	4ACSR	0	0	725	159	217	30	22	0.15	4.16	54
CO1303756847	CO7657	8.16	40 1-	2ACSR	0	0	716	158	209	29	16	0.06	4.22	20
CO106826226	CO1303756847	8.21	1 1-	2ACSR	0	0	708	158	17	2	1	0.00	4.23	0
CO582025391	CO1303756847	8.21	39 1-	2ACSR	0	0	709	158	192	26	15	0.04	4.27	13
CO7780	CO582025391	8.21	38 1-	4ACSR	0	0	708	158	182	25	18	0.01	4.28	2
OC199	CO7780	8.21	38 1-	35 H OCR	0	0	708	158	182	25	73	0.00	4.28	0
CO7781	OC199	8.38	38 1-	4ACSR	0	0	681	156	182	25	18	0.19	4.47	57
OC1143109686	CO7781	8.38	38 1-	20 N FUSE	0	0	681	156	182	25	128	0.00	4.47	0
CO7684	OC1143109686	8.39	38 1-	4ACSR	0	0	679	156	182	25	18	0.01	4.48	4
CO7685	CO7684	8.45	37 1-	4ACSR	0	0	669	156	178	25	18	0.07	4.55	21
CO7596	CO7685	8.57	0 1-	4ACSR	0	0	652	155	0	0	0	0.00	4.55	0
CO7682	CO7596	8.61	0 1-	4ACSR	0	0	646	154	0	0	0	0.00	4.55	0
CO7683	CO7682	8.66	0 1-	4ACSR	0	0	638	154	0	0	0	0.00	4.55	0
CO7726	CO7685	8.51	35 1-	4ACSR	0	0	660	155	173	24	17	0.06	4.61	18
CO-1141362042	CO7726	8.83	1 1-	2ACSR	0	0	623	153	0	0	0	0.00	4.61	0
CO7727	CO7726	8.54	33 1-	4ACSR	0	0	656	155	168	23	17	0.03	4.64	8
CO7541	CO7727	8.74	33 1-	4ACSR	0	0	627	153	168	23	17	0.21	4.86	59
CO8379	CO7541	8.82	31 1-	4ACSR	0	0	617	152	157	22	16	0.08	4.94	21
CO8161	CO8379	8.90	30 1-	4ACSR	0	0	606	152	157	22	16	0.08	5.02	21
CO7959	CO8161	8.97	29 1-	4ACSR	0	0	596	151	145	20	15	0.07	5.09	17
CO7992	CO7959	9.03	1 1-	4ACSR	0	0	589	151	11	1	1	0.00	5.09	0
CO7960	CO7959	9.12	27 1-	4ACSR	0	0	578	150	134	18	14	0.13	5.22	28
CO8068	CO7960	9.17	26 1-	4ACSR	0	0	572	149	128	18	13	0.04	5.26	8
CO8065	CO8068	9.25	26 1-	4ACSR	0	0	562	149	128	18	13	0.07	5.33	15
CO-803476091	CO8065	9.31	26 1-	2ACSR	0	0	557	148	127	18	10	0.03	5.36	7
CO-1564403278	CO-803476091	9.41	1 1-	2ACSR	0	0	549	148	7	1	1	0.00	5.36	0
CO1027830199	CO-803476091	9.44	25 1-	2ACSR	0	0	546	148	120	17	9	0.07	5.43	13

 Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8066	CO1027830199	9.48	25 1-	4ACSR	0	0	542	147	120	17	12	0.03	5.46	6
CO7961	CO8066	9.59	7 1-	4ACSR	0	0	530	146	25	3	2	0.02	5.48	0
CO7962	CO7961	9.70	7 1-	4ACSR	0	0	519	146	25	3	2	0.02	5.50	0
CO7990	CO7962	9.82	1 1-	4ACSR	0	0	507	145	17	2	2	0.01	5.50	0
CO7963	CO7962	9.77	6 1-	4ACSR	0	0	512	145	7	1	1	0.00	5.50	0
CO7964	CO7963	9.89	5 1-	4ACSR	0	0	501	144	7	0	1	0.01	5.50	0
CO8047	CO7964	10.18	5 1-	4ACSR	0	0	475	142	7	0	1	0.01	5.51	0
CO8048	CO8047	10.23	4 1-	4ACSR	0	0	471	141	2	0	0	0.00	5.51	0
CO7965	CO8048	10.61	1 1-	4ACSR	0	0	442	139	0	0	0	0.00	5.51	0
CO8103	CO8048	10.50	1 1-	4ACSR	0	0	450	139	1	0	0	0.00	5.52	0
CO8104	CO8103	10.54	1 1-	4ACSR	0	0	447	139	1	0	0	0.00	5.52	0
CO7996	CO8048	10.29	1 1-	4ACSR	0	0	466	141	1	0	0	0.00	5.51	0
CO7991	CO7963	9.85	1 1-	4ACSR	0	0	505	144	0	0	0	0.00	5.50	0
CO7989	CO7961	9.64	0 1-	4ACSR	0	0	525	146	0	0	0	0.00	5.48	0
CO7966	CO8066	9.56	18 1-	4ACSR	0	0	534	147	95	13	10	0.04	5.51	7
CO8078	CO7966	9.75	16 1-	4ACSR	0	0	515	145	82	11	8	0.10	5.61	14
CO8073	CO8078	9.79	16 1-	4ACSR	0	0	510	145	82	11	8	0.03	5.63	3
CO8077	CO8073	9.83	16 1-	4ACSR	0	0	507	144	82	11	8	0.02	5.65	2
CO8074	CO8077	9.87	15 1-	4ACSR	0	0	503	144	71	10	7	0.02	5.67	0
CO8076	CO8074	10.09	12 1-	4ACSR	0	0	483	142	59	8	6	0.08	5.75	8
CO8075	CO8076	10.18	11 1-	4ACSR	0	0	475	142	59	8	6	0.04	5.79	4
CO7994	CO8075	10.37	1 1-	4ACSR	0	0	460	140	1	0	0	0.00	5.79	0
CO8045	CO8075	10.26	8 1-	4ACSR	0	0	468	141	47	6	5	0.02	5.81	0
CO8141	CO8045	10.33	7 1-	4ACSR	0	0	463	141	33	4	3	0.01	5.82	0
CO8142	CO8141	10.50	2 1-	4ACSR	0	0	450	139	16	2	2	0.01	5.83	0
CO8105	CO8075	10.28	2 1-	4ACSR	0	0	467	141	11	1	1	0.01	5.79	0
CO8108	CO8105	10.46	1 1-	4ACSR	0	0	453	140	7	1	1	0.00	5.80	0
CO8106	CO8108	10.48	0 1-	4ACSR	0	0	451	139	0	0	0	0.00	5.80	0
CO8107	CO8106	10.55	0 1-	4ACSR	0	0	446	139	0	0	0	0.00	5.80	0
CO7995	CO8105	10.31	1 1-	4ACSR	0	0	464	141	4	0	0	0.00	5.79	0
CO8072	CO7966	9.84	1 1-	4ACSR	0	0	506	144	5	0	1	0.01	5.51	0
OC-315405273	CO8072	9.84	1 1-	20 N FUSE	0	0	506	144	5	0	4	0.00	5.51	0
CO8069	OC-315405273	10.03	1 1-	4ACSR	0	0	488	143	5	0	1	0.01	5.52	0
CO8071	CO8069	10.22	1 1-	4ACSR	0	0	472	141	5	0	1	0.01	5.53	0
CO8070	CO8071	10.31	1 1-	4ACSR	0	0	464	141	5	0	1	0.00	5.53	0
CO7993	CO7960	9.17	1 1-	4ACSR	0	0	572	149	7	0	1	0.00	5.22	0
CO8013	CO7993	9.23	1 1-	1/0PRIURD	0	0	568	294	7	0	1	0.00	5.22	0
CO7988	CO8161	8.97	1 1-	4ACSR	0	0	596	151	12	1	1	0.00	5.02	0
CO7599	CO7541	8.79	1 1-	4ACSR	0	0	620	153	3	0	0	0.00	4.86	0
CO7600	CO7599	8.98	1 1-	4ACSR	0	0	595	151	3	0	0	0.00	4.86	0
CO7475	CO7541	8.81	1 1-	4ACSR	0	0	617	153	8	1	1	0.00	4.86	0
CO7473	CO582025391	8.25	1 1-	4ACSR	0	0	702	158	10	1	1	0.00	4.27	0
CO7533	CO7657	8.19	1 1-	2ACSR	0	0	711	158	7	1	1	0.00	4.16	0
CO7688	CO7438	8.00	11 1-	4ACSR	0	0	741	160	52	7	5	0.01	3.99	0
CO7689	CO7688	8.06	9 1-	4ACSR	0	0	730	159	35	4	4	0.01	4.00	0
CO7690	CO7689	8.10	7 1-	4ACSR	0	0	723	159	27	3	3	0.01	4.01	0
CO7691	CO7690	8.11	5 1-	4ACSR	0	0	721	159	23	3	2	0.00	4.01	0
CO7589	CO7691	8.15	5 1-	4ACSR	0	0	715	158	23	3	2	0.00	4.01	0
CO7676	CO7589	8.17	3 1-	4ACSR	0	0	712	158	12	1	1	0.00	4.02	0
CO7677	CO7676	8.19	3 1-	4ACSR	0	0	708	158	12	1	1	0.00	4.02	0
CO7474	CO7677	8.24	1 1-	4ACSR	0	0	700	157	5	0	0	0.00	4.02	0
CO7597	CO7677	8.34	2 1-	4ACSR	0	0	683	156	7	0	1	0.01	4.02	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7598	CO7597	8.43	1 1-	4ACSR	0	0	668	156	4	0	0	0.00	4.02	0
CO7440	CO7656	7.92	207 3-	1/0ACSR	962	896	760	161	1310	61	27	0.08	3.84	162
CO7476	CO7440	7.99	2 1-	4ACSR	0	0	748	160	7	1	1	0.00	3.84	0
OC-86104481	CO7476	7.99	0 1-	20 N FUSE	0	0	748	160	0	0	0	0.00	3.84	0
CO7679	CO7440	7.98	205 3-	1/0ACSR	954	888	753	161	1302	60	26	0.06	3.89	118
CO7678	CO7679	8.00	205 3-	1/0ACSR	951	886	750	160	1301	60	26	0.02	3.92	42
CO7697	CO7678	8.04	202 3-	1/0ACSR	945	880	745	160	1176	54	24	0.04	3.96	74
CO7698	CO7697	8.12	200 3-	1/0ACSR	934	870	735	160	1169	54	24	0.08	4.03	133
CO7477	CO7698	8.16	2 1-	4ACSR	0	0	728	160	14	1	1	0.00	4.03	0
OC445354926	CO7477	8.16	0 1-	20 N FUSE	0	0	728	160	0	0	0	0.00	4.03	0
CO7782	CO7698	8.13	197 3-	1/0ACSR	933	869	734	160	1144	53	23	0.01	4.04	11
OC202	CO7782	8.13	197 3-	70 L OCR	933	869	734	160	1143	53	23	0.00	4.04	0
CO7783	OC202	8.20	197 3-	1/0ACSR	924	860	726	160	1143	53	23	0.06	4.10	113
CO7669	CO7783	8.26	5 1-	4ACSR	0	0	714	159	14	1	1	0.01	4.11	0
OC1232125020	CO7669	8.26	4 1-	20 N FUSE	0	0	714	159	13	1	9	0.00	4.11	0
CO7479	OC1232125020	8.31	1 1-	4ACSR	0	0	706	158	0	0	0	0.00	4.11	0
CO7670	OC1232125020	8.31	3 1-	4ACSR	0	0	706	158	13	1	1	0.00	4.11	0
CO7478	CO7783	8.23	2 1-	4ACSR	0	0	719	159	14	1	1	0.00	4.11	0
OC-259087269	CO7478	8.23	0 1-	20 N FUSE	0	0	719	159	0	0	0	0.00	4.11	0
CO7703	CO7783	8.24	190 3-	1/0ACSR	917	854	720	159	1115	52	23	0.04	4.15	73
CO7704	CO7703	8.32	188 3-	1/0ACSR	907	845	711	159	1105	51	22	0.07	4.21	115
CO7486	CO7704	8.39	2 1-	4ACSR	0	0	700	158	7	0	1	0.00	4.22	0
OC-517993438	CO7486	8.39	0 1-	20 N FUSE	0	0	700	158	0	0	0	0.00	4.22	0
CO7485	CO7704	8.39	3 1-	4ACSR	0	0	700	158	3	0	0	0.00	4.22	0
OC-452159361	CO7485	8.39	0 1-	20 N FUSE	0	0	700	158	0	0	0	0.00	4.22	0
CO7728	CO7704	8.41	181 3-	1/0ACSR	895	834	701	159	1080	50	22	0.08	4.29	131
CO7729	CO7728	8.49	179 3-	1/0ACSR	885	825	692	158	1062	49	22	0.07	4.36	111
CO7662	CO7729	8.53	3 1-	4ACSR	0	0	686	158	6	0	1	0.00	4.37	0
OC2024520492	CO7662	8.53	3 1-	20 N FUSE	0	0	686	158	6	0	4	0.00	4.37	0
CO7487	OC2024520492	8.57	1 1-	4ACSR	0	0	679	157	0	0	0	0.00	4.37	0
CO7663	OC2024520492	8.72	2 1-	4ACSR	0	0	657	156	6	0	1	0.00	4.37	0
CO7720	CO7729	8.55	174 3-	1/0ACSR	878	819	686	158	1040	48	21	0.05	4.41	77
CO7721	CO7720	8.66	172 3-	1/0ACSR	864	806	674	157	1030	48	21	0.10	4.51	151
CO7542	CO7721	8.72	170 3-	1/0ACSR	857	800	668	157	1023	47	21	0.05	4.56	75
CO7603	CO7542	8.76	2 1-	4ACSR	0	0	661	157	30	4	3	0.01	4.56	0
OC804495684	CO7603	8.76	1 1-	20 N FUSE	0	0	661	157	15	2	11	0.00	4.56	0
CO7604	OC804495684	8.81	1 1-	4ACSR	0	0	654	156	15	2	2	0.00	4.57	0
CO7718	CO7542	8.74	167 3-	1/0ACSR	855	797	665	157	985	46	20	0.02	4.57	26
CO7719	CO7718	8.81	164 3-	1/0ACSR	846	789	658	157	957	44	20	0.06	4.63	83
CO7548	CO7719	8.98	2 1-	4ACSR	0	0	634	155	9	1	1	0.01	4.64	0
OC-1780233274	CO7548	8.98	1 1-	20 N FUSE	0	0	634	155	3	0	2	0.00	4.64	0
CO7549	OC-1780233274	9.08	1 1-	4ACSR	0	0	621	154	3	0	0	0.00	4.64	0
CO7550	CO7549	9.11	1 1-	4ACSR	0	0	616	154	3	0	0	0.00	4.64	0
CO7551	CO7550	9.27	1 1-	4ACSR	0	0	597	153	3	0	0	0.00	4.64	0
CO7488	CO7719	8.89	3 1-	4ACSR	0	0	647	156	12	1	1	0.00	4.63	0
OC-1476686314	CO7488	8.89	0 1-	20 N FUSE	0	0	647	156	0	0	0	0.00	4.63	0
CO7716	CO7719	8.90	157 3-	1/0ACSR	836	780	650	156	924	43	19	0.07	4.70	92
CO7717	CO7716	8.95	155 3-	1/0ACSR	830	775	644	156	908	42	19	0.04	4.74	58
CO7441	CO7717	9.00	148 3-	1/0ACSR	825	770	640	156	876	41	18	0.03	4.77	45
CO7442	CO7441	9.10	146 3-	1/0ACSR	814	760	631	155	853	40	17	0.07	4.84	86
CO7714	CO7442	9.17	128 3-	1/0ACSR	806	753	624	155	715	33	15	0.05	4.88	51
CO1719524294	CO7714	9.19	2 1-	2ACSR	0	0	622	155	8	1	1	0.00	4.88	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1169618323	CO1719524294	9.19	0 1-	20 N FUSE	0	0	622	155	0	0	0	0.00	4.88	0
	CO7715	9.23	124 3-	1/0ACSR	800	747	619	155	691	32	14	0.03	4.92	34
	CO7659	9.42	123 3-	1/0ACSR	781	730	603	154	679	31	14	0.10	5.02	110
	CO7712	9.50	115 3-	1/0ACSR	773	723	596	154	598	28	12	0.04	5.06	36
	CO7713	9.61	113 3-	1/0ACSR	763	713	587	153	591	27	12	0.05	5.11	48
	CO7458	9.64	111 3-	1/0ACSR	759	710	584	153	587	27	12	0.02	5.13	16
	CO7751	9.67	108 3-	1/0ACSR	757	708	582	153	567	26	12	0.01	5.14	9
	CO7752	9.72	107 3-	1/0ACSR	752	703	578	153	562	26	12	0.02	5.16	20
	CO7455	9.76	102 3-	1/0ACSR	749	700	575	152	536	25	11	0.02	5.18	14
	CO7457	9.85	81 3-	1/0ACSR	740	692	568	152	420	19	9	0.03	5.21	21
	CO7467	9.87	81 3-	1/0ACSR	738	690	566	152	420	19	9	0.01	5.22	5
	CO7653	9.91	1 1-	4ACSR	0	0	562	152	1	0	0	0.00	5.22	0
OC-117223694	CO7653	9.91	1 1-	20 N FUSE	0	0	562	152	1	0	0	0.00	5.22	0
	CO7654	9.93	1 1-	4ACSR	0	0	560	151	1	0	0	0.00	5.22	0
	CO7774	9.90	76 3-	1/0ACSR	736	688	565	152	394	18	8	0.01	5.23	5
	CO7775	9.98	75 3-	1/0ACSR	729	682	559	152	389	18	8	0.02	5.25	14
	CO7749	10.00	4 1-	4ACSR	0	0	556	151	36	5	4	0.01	5.26	0
OC-689009929	CO7749	10.00	3 1-	20 N FUSE	0	0	556	151	27	3	19	0.00	5.26	0
	CO7750	10.04	3 1-	4ACSR	0	0	552	151	27	3	3	0.00	5.26	0
	CO7778	9.98	45 1-	4ACSR	0	0	558	151	257	36	26	0.01	5.27	5
	OC198	9.98	45 1-	25 H OCR	0	0	558	151	257	36	146	0.00	5.27	0
	CO7779	10.05	45 1-	4ACSR	0	0	551	151	257	36	26	0.11	5.38	48
	CO7748	10.06	44 1-	4ACSR	0	0	550	151	255	36	26	0.02	5.40	7
	CO7564	10.10	44 1-	4ACSR	0	0	547	150	255	36	26	0.05	5.45	23
	CO7628	10.34	44 1-	4ACSR	0	0	522	148	255	36	26	0.40	5.85	170
	CO7629	10.36	41 1-	4ACSR	0	0	520	148	241	34	25	0.03	5.88	12
	CO7767	10.39	41 1-	4ACSR	0	0	518	148	241	34	25	0.04	5.93	18
	CO7771	10.41	41 1-	4ACSR	0	0	516	148	241	34	25	0.04	5.96	14
	CO7770	10.42	40 1-	4ACSR	0	0	515	148	241	34	24	0.02	5.98	8
	CO7539	10.50	1 1-	2ACSR	0	0	509	147	0	0	0	0.00	5.98	0
	CO7741	10.43	39 1-	4ACSR	0	0	514	148	241	34	24	0.01	5.99	5
	CO7742	10.44	38 1-	4ACSR	0	0	512	148	232	33	24	0.02	6.02	9
	CO7680	10.47	38 1-	4ACSR	0	0	510	147	232	33	24	0.04	6.06	17
	CO7681	10.52	37 1-	4ACSR	0	0	505	147	231	32	24	0.08	6.14	29
	CO7536	10.59	1 1-	2ACSR	0	0	501	146	7	1	1	0.00	6.14	0
	CO7743	10.62	36 1-	4ACSR	0	0	497	146	224	31	23	0.14	6.27	51
	CO7744	10.67	36 1-	4ACSR	0	0	492	146	224	31	23	0.08	6.35	28
	CO7745	10.75	35 1-	4ACSR	0	0	486	145	215	30	22	0.11	6.46	39
	CO7565	10.78	35 1-	4ACSR	0	0	483	145	215	30	22	0.04	6.50	14
	CO7459	10.97	35 1-	4ACSR	0	0	468	143	215	30	22	0.27	6.76	96
	CO7517	11.06	1 1-	4ACSR	0	0	461	143	4	0	0	0.00	6.76	0
	CO7765	11.09	34 1-	4ACSR	0	0	459	142	210	30	22	0.16	6.93	57
	CO7766	11.12	33 1-	4ACSR	0	0	456	142	204	29	21	0.04	6.97	14
	CO7566	11.27	33 1-	4ACSR	0	0	445	141	204	29	21	0.20	7.17	69
	CO7567	11.35	33 1-	4ACSR	0	0	439	140	204	29	21	0.11	7.28	39
	CO7739	11.43	33 1-	4ACSR	0	0	434	140	203	29	21	0.10	7.38	34
	CO7740	11.54	32 1-	4ACSR	0	0	426	139	203	29	21	0.15	7.53	51
	CO7568	11.62	30 1-	4ACSR	0	0	421	138	197	28	20	0.10	7.63	32
	CO7460	11.66	27 1-	4ACSR	0	0	419	138	190	27	20	0.05	7.68	15
	CO7762	11.71	26 1-	4ACSR	0	0	416	138	183	26	19	0.06	7.74	18
	CO7763	11.78	25 1-	4ACSR	0	0	411	137	181	26	19	0.09	7.82	26
	CO7519	11.81	1 1-	4ACSR	0	0	409	137	2	0	0	0.00	7.82	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7667	CO7763	11.81	24 1-	4ACSR	0	0	409	137	179	25	18	0.03	7.86	10
CO7534	CO7667	11.86	2 1-	2/0ACSR	0	0	407	137	12	1	1	0.00	7.86	0
CO7668	CO7667	11.85	22 1-	4ACSR	0	0	406	137	167	24	17	0.05	7.91	15
CO7569	CO7668	11.93	22 1-	4ACSR	0	0	402	136	167	24	17	0.08	7.99	22
CO7583	CO7569	11.99	21 1-	2ACSR	0	0	399	136	151	21	12	0.04	8.03	11
CO7584	CO7583	12.04	21 1-	2ACSR	0	0	397	136	151	21	12	0.03	8.06	7
CO7585	CO7584	12.08	21 1-	2ACSR	0	0	395	135	151	21	12	0.03	8.10	8
CO7586	CO7585	12.23	21 1-	2ACSR	0	0	388	135	151	21	12	0.10	8.20	24
CO7587	CO7586	12.33	21 1-	2ACSR	0	0	384	134	151	21	12	0.07	8.27	18
CO7588	CO7587	12.51	21 1-	2ACSR	0	0	376	133	151	21	12	0.12	8.39	30
OC-239019981	CO7588	12.51	21 1-	20 N FUSE	0	0	376	133	150	21	109	0.00	8.39	0
CO7792	OC-239019981	12.58	21 1-	2ACSR	0	0	373	133	150	21	12	0.04	8.44	11
CO-1505383493	CO7792	12.58	21 1-	2ACSR	0	0	373	133	150	21	12	0.00	8.44	0
CO7734	CO-1505383493	12.60	9 1-	2ACSR	0	0	372	133	60	8	5	0.00	8.45	0
CO7736	CO7734	12.63	9 1-	2ACSR	0	0	371	133	60	8	5	0.01	8.45	0
CO7735	CO7736	12.73	6 1-	2ACSR	0	0	367	132	41	6	3	0.01	8.47	0
CO8370	CO7735	12.80	1 1-	2ACSR	0	0	365	132	3	0	0	0.00	8.47	0
CO7773	CO7735	12.82	3 1-	2ACSR	0	0	364	132	15	2	1	0.00	8.47	0
CO7772	CO7773	12.88	1 1-	2ACSR	0	0	361	131	10	1	1	0.00	8.47	0
CO7524	CO7772	12.93	1 1-	2ACSR	0	0	359	131	10	1	1	0.00	8.48	0
CO7738	CO7772	12.91	0 1-	2ACSR	0	0	360	131	0	0	0	0.00	8.47	0
CO-107996170	CO7738	12.94	0 1-	2ACSR	0	0	359	131	0	0	0	0.00	8.47	0
SW-819138331-B	CO-107996170	12.94	0 1-	Open	0	0	359	131	0	0	0	0.00	8.47	0
CO7468	CO-1505383493	12.66	12 1-	2ACSR	0	0	370	132	91	13	7	0.03	8.47	5
CO7525	CO7468	12.74	2 1-	2ACSR	0	0	367	132	24	3	2	0.00	8.48	0
CO7577	CO7468	12.70	8 1-	2ACSR	0	0	369	132	54	7	4	0.01	8.48	0
CO7578	CO7577	12.81	6 1-	2ACSR	0	0	364	132	38	5	3	0.02	8.50	0
CO7579	CO7578	12.96	4 1-	2ACSR	0	0	358	131	24	3	2	0.02	8.51	0
CO7580	CO7579	13.08	3 1-	2ACSR	0	0	354	130	22	3	2	0.01	8.52	0
CO7581	CO7580	13.16	3 1-	2ACSR	0	0	351	130	22	3	2	0.01	8.53	0
CO7582	CO7581	13.24	3 1-	2ACSR	0	0	348	130	22	3	2	0.01	8.54	0
CO7526	CO7582	13.33	1 1-	2ACSR	0	0	345	129	16	2	1	0.00	8.54	0
CO7644	CO7582	13.31	2 1-	2ACSR	0	0	346	129	5	0	0	0.00	8.54	0
CO7645	CO7644	13.38	2 1-	2ACSR	0	0	343	129	5	0	0	0.00	8.54	0
CO7576	CO7468	12.72	2 1-	2ACSR	0	0	367	132	13	1	1	0.00	8.48	0
CO8368	CO7576	12.84	1 1-	2ACSR	0	0	363	132	9	1	1	0.00	8.48	0
CO7433	CO8368	12.90	0 1-	2ACSR	0	0	361	131	0	0	0	0.00	8.48	0
CO7346	CO8368	12.89	1 1-	2ACSR	0	0	361	131	9	1	1	0.00	8.48	0
CO7344	CO7346	13.13	1 1-	2ACSR	0	0	352	130	9	1	1	0.01	8.49	0
CO7345	CO7344	13.21	0 1-	2ACSR	0	0	349	130	0	0	0	0.00	8.49	0
CO7520	CO7460	11.71	0 1-	4ACSR	0	0	415	138	0	0	0	0.00	7.68	0
CO7632	CO7568	11.68	2 1-	4ACSR	0	0	417	138	3	0	0	0.00	7.63	0
CO7633	CO7632	11.77	1 1-	4ACSR	0	0	411	137	0	0	0	0.00	7.63	0
CO7518	CO7567	11.62	0 1-	4ACSR	0	0	421	138	0	0	0	0.00	7.28	0
CO7516	CO7565	10.91	0 1-	4ACSR	0	0	473	144	0	0	0	0.00	6.50	0
CO7627	CO7628	10.54	1 1-	4ACSR	0	0	503	147	1	0	0	0.00	5.85	0
CO7626	CO7628	10.53	2 1-	4ACSR	0	0	505	147	11	1	1	0.01	5.87	0
CO7789	CO7626	10.59	1 1-	1/0PRIURD	0	0	502	281	11	1	1	0.00	5.87	0
CO7461	CO7775	10.17	15 1-	4ACSR	0	0	539	150	33	4	3	0.04	5.29	0
OC-790036283	CO7461	10.17	15 1-	20 N FUSE	0	0	539	150	33	4	23	0.00	5.29	0
CO7462	OC-790036283	10.26	15 1-	4ACSR	0	0	530	149	33	4	3	0.02	5.31	0
CO7521	CO7462	10.34	2 1-	4ACSR	0	0	523	148	0	0	0	0.00	5.31	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7463	CO7462	10.39	12 1-	4ACSR	0	0	517	148	32	4	3	0.03	5.34	0
CO7464	CO7463	10.47	7 1-	4ACSR	0	0	510	147	22	3	2	0.01	5.35	0
CO7753	CO7464	10.53	3 1-	4ACSR	0	0	505	147	13	1	1	0.00	5.36	0
CO7754	CO7753	10.60	2 1-	4ACSR	0	0	498	146	4	0	0	0.00	5.36	0
CO7636	CO7754	10.66	2 1-	4ACSR	0	0	493	146	4	0	0	0.00	5.36	0
CO7637	CO7636	10.71	1 1-	4ACSR	0	0	489	145	0	0	0	0.00	5.36	0
CO7638	CO7464	10.58	4 1-	4ACSR	0	0	500	146	9	1	1	0.01	5.36	0
CO7639	CO7638	10.67	2 1-	4ACSR	0	0	492	146	6	0	1	0.00	5.36	0
CO7640	CO7639	10.73	1 1-	4ACSR	0	0	488	145	3	0	0	0.00	5.36	0
CO7634	CO7463	10.51	4 1-	4ACSR	0	0	507	147	10	1	1	0.01	5.35	0
CO7635	CO7634	10.55	2 1-	4ACSR	0	0	503	147	10	1	1	0.00	5.35	0
CO7531	CO7775	10.02	1 1-	2ACSR	0	0	555	151	11	1	1	0.00	5.26	0
OC1786406102	CO7531	10.02	0 1-	20 N FUSE	0	0	555	151	0	0	0	0.00	5.26	0
CO7746	CO7775	10.03	7 1-	4ACSR	0	0	553	151	26	3	3	0.01	5.26	0
OC1377572855	CO7746	10.03	4 1-	20 N FUSE	0	0	553	151	11	1	8	0.00	5.26	0
CO7747	OC1377572855	10.12	4 1-	4ACSR	0	0	544	150	11	1	1	0.01	5.27	0
CO7671	CO7747	10.18	1 1-	4ACSR	0	0	538	150	3	0	0	0.00	5.27	0
CO7529	CO7747	10.17	3 1-	4ACSR	0	0	539	150	8	1	1	0.00	5.27	0
CO7515	CO7457	9.91	0 1-	4ACSR	0	0	562	152	0	0	0	0.00	5.21	0
OC-1975587781	CO7515	9.91	0 1-	20 N FUSE	0	0	562	152	0	0	0	0.00	5.21	0
CO7527	CO7455	9.81	4 1-	4ACSR	0	0	569	152	10	1	1	0.00	5.18	0
OC239861705	CO7527	9.81	0 1-	20 N FUSE	0	0	569	152	0	0	0	0.00	5.18	0
CO7784	CO7455	9.76	17 1-	4ACSR	0	0	575	152	107	15	11	0.00	5.19	0
OC203	CO7784	9.76	17 1-	25 H OCR	0	0	575	152	107	15	60	0.00	5.19	0
CO7785	OC203	9.78	17 1-	4ACSR	0	0	573	152	107	15	11	0.01	5.20	0
CO7730	CO7785	9.83	16 1-	4ACSR	0	0	567	152	94	13	9	0.03	5.23	5
CO7732	CO7730	9.85	4 1-	4ACSR	0	0	565	152	38	5	4	0.00	5.23	0
CO7733	CO7732	9.89	4 1-	4ACSR	0	0	561	151	38	5	4	0.01	5.24	0
CO7731	CO7733	9.94	2 1-	4ACSR	0	0	555	151	20	2	2	0.00	5.24	0
CO7561	CO7730	10.10	10 1-	4ACSR	0	0	539	150	49	6	5	0.08	5.31	7
CO7562	CO7561	10.16	9 1-	4ACSR	0	0	532	149	49	6	5	0.02	5.33	0
CO7454	CO7562	10.25	7 1-	4ACSR	0	0	524	148	32	4	3	0.02	5.35	0
CO7790	CO7454	10.28	3 1-	4ACSR	0	0	521	148	20	2	2	0.00	5.35	0
CO7563	CO7790	10.30	2 1-	4ACSR	0	0	519	148	13	1	1	0.00	5.35	0
CO7528	CO7563	10.36	1 1-	4ACSR	0	0	513	147	8	1	1	0.00	5.36	0
CO7512	CO7563	10.34	1 1-	4ACSR	0	0	515	147	5	0	0	0.00	5.36	0
CO7456	CO7563	10.53	0 1-	4ACSR	0	0	498	146	0	0	0	0.00	5.35	0
CO7511	CO7456	10.60	0 1-	4ACSR	0	0	492	145	0	0	0	0.00	5.35	0
CO7510	CO7456	10.70	0 1-	4ACSR	0	0	483	144	0	0	0	0.00	5.35	0
CO7625	CO7454	10.32	2 1-	4ACSR	0	0	517	148	8	1	1	0.00	5.35	0
CO7768	CO7625	10.35	2 1-	4ACSR	0	0	514	147	8	1	1	0.00	5.35	0
CO7769	CO7768	10.38	1 1-	4ACSR	0	0	512	147	8	1	1	0.00	5.36	0
CO7621	CO7454	10.40	1 1-	4ACSR	0	0	510	147	0	0	0	0.00	5.35	0
CO7622	CO7621	10.52	1 1-	4ACSR	0	0	499	146	0	0	0	0.00	5.35	0
CO7623	CO7622	10.56	1 1-	4ACSR	0	0	495	146	0	0	0	0.00	5.35	0
CO7624	CO7623	10.86	1 1-	4ACSR	0	0	471	143	0	0	0	0.00	5.35	0
CO7509	CO7562	10.21	2 1-	4ACSR	0	0	528	149	18	2	2	0.00	5.34	0
CO7514	CO7752	9.75	3 1-	4ACSR	0	0	575	152	9	1	1	0.00	5.17	0
OC1008057270	CO7514	9.75	0 1-	20 N FUSE	0	0	575	152	0	0	0	0.00	5.17	0
CO7630	CO7458	9.74	2 1-	4ACSR	0	0	573	152	16	2	2	0.01	5.14	0
OC-2142346560	CO7630	9.74	2 1-	20 N FUSE	0	0	573	152	16	2	11	0.00	5.14	0
CO7631	OC-2142346560	9.79	2 1-	4ACSR	0	0	568	152	16	2	2	0.00	5.14	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7513	CO7713	9.69	0 1-	4ACSR	0	0	577	152	0	0	0	0.00	5.11	0
OC2062340041	CO7513	9.69	0 1-	20 N FUSE	0	0	577	152	0	0	0	0.00	5.11	0
CO7532	OC2062340041	9.77	0 1-	2ACSR	0	0	570	152	0	0	0	0.00	5.11	0
CO7445	CO7659	9.48	5 1-	4ACSR	0	0	595	153	69	9	7	0.03	5.05	3
OC2016696408	CO7445	9.48	4 1-	20 N FUSE	0	0	595	153	60	8	43	0.00	5.05	0
CO7446	OC2016696408	9.56	3 1-	4ACSR	0	0	586	153	48	6	5	0.02	5.07	0
CO7672	CO7446	9.70	3 1-	4ACSR	0	0	569	151	48	6	5	0.04	5.12	4
CO7673	CO7672	9.76	2 1-	4ACSR	0	0	563	151	15	2	1	0.01	5.12	0
CO7494	CO7673	9.79	1 1-	4ACSR	0	0	560	151	4	0	0	0.00	5.12	0
CO7666	CO7673	9.82	1 1-	4ACSR	0	0	556	150	11	1	1	0.00	5.12	0
CO7495	CO7672	9.79	1 1-	4ACSR	0	0	560	151	34	4	3	0.01	5.12	0
CO7496	CO7446	9.62	0 1-	4ACSR	0	0	579	152	0	0	0	0.00	5.07	0
CO7493	OC2016696408	9.55	1 1-	4ACSR	0	0	587	153	12	1	1	0.00	5.05	0
CO7506	CO7659	9.52	2 1-	4ACSR	0	0	590	153	11	1	1	0.00	5.02	0
OC2141777241	CO7506	9.52	1 1-	20 N FUSE	0	0	590	153	4	0	3	0.00	5.02	0
CO2117356002	OC2141777241	9.58	0 1-	2ACSR	0	0	584	153	0	0	0	0.00	5.02	0
CO1804926232	OC2141777241	9.73	1 1-	2ACSR	0	0	571	152	4	0	0	0.00	5.03	0
CO7497	CO7659	9.61	1 1-	4ACSR	0	0	580	152	1	0	0	0.00	5.02	0
OC343949081	CO7497	9.61	0 1-	20 N FUSE	0	0	580	152	0	0	0	0.00	5.02	0
CO7538	CO7715	9.30	1 1-	2ACSR	0	0	611	154	12	1	1	0.00	4.92	0
OC1098479604	CO7538	9.30	0 1-	20 N FUSE	0	0	611	154	0	0	0	0.00	4.92	0
CO7543	CO7442	9.15	14 3-	4ACSR	805	752	623	155	114	5	4	0.01	4.85	2
OC-1309297204	CO7543	9.15	14 3-	20 N FUSE	805	752	623	155	114	5	27	0.00	4.85	0
CO7776	OC-1309297204	9.29	14 3-	4ACSR	782	733	605	154	114	5	4	0.03	4.88	5
CO7777	CO7776	9.32	13 3-	4ACSR	777	729	602	153	100	4	3	0.01	4.88	0
CO7484	CO7777	9.46	1 1-	4ACSR	0	0	585	152	14	1	1	0.01	4.89	0
OC-1741633210	CO7484	9.46	0 1-	20 N FUSE	0	0	585	152	0	0	0	0.00	4.89	0
CO7443	CO7777	9.42	11 3-	4ACSR	763	717	590	153	86	4	3	0.02	4.90	2
CO7483	CO7443	9.54	2 1-	4ACSR	0	0	575	151	2	0	0	0.00	4.90	0
OC-58449109	CO7483	9.54	0 1-	20 N FUSE	0	0	575	151	0	0	0	0.00	4.90	0
CO7544	CO7443	9.49	9 3-	4ACSR	751	707	581	152	85	3	3	0.01	4.91	0
CO7545	CO7544	9.58	9 3-	4ACSR	739	696	571	151	85	3	3	0.01	4.92	0
OC1565506323	CO7545	9.58	9 3-	20 N FUSE	739	696	571	151	85	3	20	0.00	4.92	0
CO7444	OC1565506323	9.62	9 3-	4ACSR	733	691	567	151	85	3	3	0.01	4.93	0
CO7546	CO7444	9.70	6 3-	4ACSR	721	681	557	150	37	1	1	0.01	4.93	0
CO7547	CO7546	9.77	6 3-	4ACSR	712	673	550	149	37	1	1	0.00	4.94	0
CO78394041	CO7547	9.81	5 3-	2ACSR	708	669	547	149	37	1	1	0.00	4.94	0
CO1706521995	CO78394041	9.85	1 3-	2ACSR	703	665	543	149	23	1	1	0.00	4.94	0
CO-721894356	CO78394041	9.86	4 3-	2ACSR	702	664	542	149	14	0	0	0.00	4.94	0
CO7602	CO-721894356	10.01	2 1-	4ACSR	0	0	527	148	4	0	0	0.00	4.94	0
OC-558801522	CO7602	10.01	0 1-	20 N FUSE	0	0	527	148	0	0	0	0.00	4.94	0
CO7480	CO7547	9.82	1 1-	4ACSR	0	0	544	149	0	0	0	0.00	4.94	0
OC1485695186	CO7480	9.82	0 1-	20 N FUSE	0	0	544	149	0	0	0	0.00	4.94	0
CO7481	CO7444	9.69	3 3-	2ACSR	725	684	560	150	48	2	1	0.00	4.93	0
CO7482	CO7545	9.63	0 1-	4ACSR	0	0	566	151	0	0	0	0.00	4.92	0
CO7492	CO7442	9.14	1 1-	4ACSR	0	0	625	155	14	1	1	0.00	4.84	0
OC-53677557	CO7492	9.14	0 1-	20 N FUSE	0	0	625	155	0	0	0	0.00	4.84	0
CO7491	CO7441	9.06	0 1-	4ACSR	0	0	632	155	0	0	0	0.00	4.77	0
OC645050653	CO7491	9.06	0 1-	20 N FUSE	0	0	632	155	0	0	0	0.00	4.77	0
CO7490	CO7717	8.99	2 1-	4ACSR	0	0	639	156	13	1	1	0.00	4.74	0
OC1505727612	CO7490	8.99	0 1-	20 N FUSE	0	0	639	156	0	0	0	0.00	4.74	0
CO7664	CO7717	9.01	4 1-	4ACSR	0	0	636	156	17	2	2	0.01	4.74	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC272128676	CO7664	9.01	2 1-	20 N FUSE	0	0	636	156	11	1	8	0.00	4.74	0
CO7665	OC272128676	9.07	1 1-	4ACSR	0	0	629	155	2	0	0	0.00	4.74	0
CO7489	OC272128676	9.07	1 1-	4ACSR	0	0	629	155	9	1	1	0.00	4.74	0
CO7617	CO7678	8.06	2 3-	2ACSR	942	877	742	160	123	5	3	0.01	3.92	0
CO7618	CO7617	8.10	1 3-	2ACSR	935	871	736	160	35	1	1	0.00	3.93	0
270772037	CO7617	8.06	1 3-	Consumer	942	877	742	160	88	4	0	0.00	3.92	0
CO7660	CO7656	7.95	3 1-	4ACSR	0	0	751	160	14	2	1	0.01	3.76	0
OC1555608935	CO7660	7.95	3 1-	20 N FUSE	0	0	751	160	14	2	10	0.00	3.76	0
CO7661	OC1555608935	8.04	1 1-	4ACSR	0	0	735	159	2	0	0	0.00	3.76	0
CO7472	OC1555608935	8.00	2 1-	4ACSR	0	0	741	160	12	1	1	0.00	3.77	0
CO7590	CO7692	7.39	3 1-	4ACSR	0	0	835	163	27	3	3	0.01	3.06	0
OC506408110	CO7590	7.39	3 1-	20 N FUSE	0	0	835	163	27	3	19	0.00	3.06	0
CO7722	OC506408110	7.41	3 1-	4ACSR	0	0	830	163	27	3	3	0.00	3.06	0
CO7723	CO7722	7.46	2 1-	4ACSR	0	0	819	162	14	1	1	0.00	3.06	0
CO14956	CO14808	6.82	1 1-	4ACSR	0	0	933	166	17	2	2	0.01	2.19	0
OC486308210	CO14956	6.82	1 1-	20 N FUSE	0	0	933	166	17	2	12	0.00	2.19	0
CO14955	OC486308210	6.88	1 1-	4ACSR	0	0	918	165	17	2	2	0.00	2.19	0
CO14843	CO15123	6.49	0 1-	4ACSR	0	0	1001	167	0	0	0	0.00	1.63	0
OC129230472	CO14843	6.49	0 1-	20 N FUSE	0	0	1001	167	0	0	0	0.00	1.63	0
CO14954	CO14804	6.25	1 1-	4ACSR	0	0	1056	168	5	0	1	0.00	1.21	0
OC-424674594	CO14954	6.25	0 1-	20 N FUSE	0	0	1056	168	0	0	0	0.00	1.21	0
CO14953	CO14804	6.24	1 1-	4ACSR	0	0	1060	169	4	0	0	0.00	1.21	0
OC1023432528	CO14953	6.24	0 1-	20 N FUSE	0	0	1060	169	0	0	0	0.00	1.21	0
CO2018820977	REG178	5.61	2 1-	2ACSR	0	0	1249	172	7	0	0	0.00	0.00	0
OC-697796299	CO2018820977	5.61	2 1-	20 N FUSE	0	0	1249	172	7	0	4	0.00	0.00	0
CO14839	OC-697796299	5.68	1 1-	4ACSR	0	0	1221	171	1	0	0	0.00	0.00	0
CO14838	OC-697796299	5.70	1 1-	4ACSR	0	0	1213	171	6	0	1	0.00	0.00	0
CO14837+	CO14801	5.03	1 1-	4ACSR	0	0	1258	321	5	0	0	0.00	2.20	0
OC-222330033+	CO14837	5.03	0 1-	20 N FUSE	0	0	1258	321	0	0	0	0.00	2.20	0
CO14836+	CO14801	5.05	2 1-	4ACSR	0	0	1254	321	7	0	0	0.00	2.20	0
OC1397050058+	CO14836	5.05	0 1-	20 N FUSE	0	0	1254	321	0	0	0	0.00	2.20	0
CO1220655325+	CO35038291	2.03	1 1-	1/0PRIURD	0	0	1990	809	12	0	1	0.00	0.99	0
CO-1280287779+	CO1220655325	2.07	1 1-	1/0PRIURD	0	0	1976	806	12	0	1	0.00	0.99	0
CO499844485+	CO-1280287779	2.15	1 1-	1/0PRIURD	0	0	1947	801	12	0	1	0.00	0.99	0
CO-807191167+	CO499844485	2.19	1 1-	1/0PRIURD	0	0	1933	798	12	0	1	0.00	0.99	0
CO1076396889+	CO35038291	2.11	4 1-	1/0PRIURD	0	0	1962	804	18	1	1	0.00	0.99	0
CO1321615887+	CO1076396889	2.16	4 1-	1/0PRIURD	0	0	1942	800	18	1	1	0.00	0.99	0
CO-889925873+	CO1321615887	2.20	2 1-	1/0PRIURD	0	0	1929	798	14	0	1	0.00	0.99	0
CO14936+	CO14862	1.79	2 1-	4ACSR	0	0	2072	344	22	1	1	0.00	0.87	0
CO15026+	CO14936	1.86	2 1-	4ACSR	0	0	2034	343	22	1	1	0.00	0.87	0
CO15027+	CO15026	1.90	2 1-	4ACSR	0	0	2016	342	22	1	1	0.00	0.87	0
CO15028+	CO15027	1.91	0 1-	4ACSR	0	0	2006	342	0	0	0	0.00	0.87	0
CO14935+	CO15028	1.92	0 1-	4ACSR	0	0	2001	341	0	0	0	0.00	0.87	0
CO14934+	CO14935	1.94	0 1-	4ACSR	0	0	1991	341	0	0	0	0.00	0.87	0
CO15029+	CO14862	1.77	44 1-	2ACSR	0	0	2088	345	325	22	12	0.01	0.88	5
CO15030+	CO15029	1.79	44 1-	2ACSR	0	0	2078	345	325	22	12	0.01	0.89	4
CO15117+	CO15030	1.84	14 1-	2ACSR	0	0	2054	344	99	6	4	0.00	0.89	0
CO14835+	CO15117	1.86	1 1-	4ACSR	0	0	2043	344	5	0	0	0.00	0.89	0
CO15118+	CO15117	1.87	9 1-	2ACSR	0	0	2040	344	62	4	2	0.00	0.89	0
CO15031+	CO15118	1.90	5 1-	2ACSR	0	0	2025	343	35	2	1	0.00	0.89	0
CO15032+	CO15031	1.91	2 1-	2ACSR	0	0	2018	343	13	0	1	0.00	0.89	0
CO14793+	CO15030	1.85	29 1-	2ACSR	0	0	2050	344	217	14	8	0.01	0.90	4

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14916+	CO14793	1.90	18 1-	2ACSR	0	0	2026	343	131	8	5	0.01	0.91	0
CO14915+	CO14916	1.94	5 1-	2ACSR	0	0	2003	342	24	1	1	0.00	0.91	0
CO-578255028+	CO14915	2.01	5 1-	2ACSR	0	0	1971	341	24	1	1	0.00	0.91	0
CO247304192+	CO-578255028	2.06	5 1-	2ACSR	0	0	1949	341	24	1	1	0.00	0.91	0
CO15037+	CO14916	1.94	12 1-	2ACSR	0	0	2006	342	90	6	3	0.00	0.91	0
CO15038+	CO15037	1.97	10 1-	2ACSR	0	0	1992	342	71	4	3	0.00	0.91	0
CO15039+	CO15038	2.00	7 1-	2ACSR	0	0	1979	342	54	3	2	0.00	0.91	0
CO15040+	CO15039	2.01	4 1-	2ACSR	0	0	1971	341	28	1	1	0.00	0.91	0
CO14913+	CO14793	1.86	10 1-	2ACSR	0	0	2042	344	73	4	3	0.00	0.90	0
CO15033+	CO14913	1.89	10 1-	2ACSR	0	0	2029	343	73	4	3	0.00	0.90	0
CO15034+	CO15033	1.92	7 1-	2ACSR	0	0	2015	343	47	3	2	0.00	0.90	0
CO15035+	CO15034	1.95	3 1-	2ACSR	0	0	2001	342	23	1	1	0.00	0.90	0
CO15036+	CO15035	1.97	1 1-	2ACSR	0	0	1993	342	7	0	0	0.00	0.90	0
CO14820+	CO15025	1.39	3 1-	4ACSR	0	0	2242	347	27	1	1	0.00	0.67	0
CO15013+	CO14795	1.18	30 3-	4/0ACSR	2567	2524	2359	349	276	6	2	0.00	0.59	0
CO15014+	CO15013	1.21	29 3-	4/0ACSR	2555	2511	2343	349	274	6	2	0.00	0.59	0
CO14816+	CO15014	1.25	1 3-	4ACSR	2536	2488	2318	348	31	0	0	0.00	0.59	0
CO14815+	CO15014	1.25	2 3-	4ACSR	2536	2488	2318	348	7	0	0	0.00	0.59	0
CO14811+	CO15014	1.27	10 3-	2ACSR	2530	2483	2311	348	86	1	1	0.00	0.59	0
CO14856+	CO14811	1.31	1 3-	2ACSR	2510	2459	2284	348	4	0	0	0.00	0.59	0
CO15015+	CO14811	1.39	9 3-	4ACSR	2471	2412	2233	346	83	1	1	0.00	0.59	0
CO15016+	CO15015	1.47	8 3-	4ACSR	2428	2360	2178	344	75	1	1	0.00	0.59	0
CO15017+	CO15016	1.49	6 3-	4ACSR	2420	2350	2167	343	41	0	1	0.00	0.59	0
CO15018+	CO15017	1.53	5 3-	4ACSR	2399	2326	2142	343	32	0	1	0.00	0.59	0
CO15149+	CO15018	1.67	3 1-	4ACSR	0	0	2051	339	17	1	1	0.00	0.60	0
CO14828+	CO15149	1.74	2 1-	4ACSR	0	0	2014	338	5	0	0	0.00	0.60	0
CO14827+	CO15149	1.76	1 1-	4ACSR	0	0	2001	338	12	0	1	0.00	0.60	0
CO14902+	CO15018	1.55	2 1-	4ACSR	0	0	2125	342	15	1	1	0.00	0.60	0
CO14791+	CO15014	1.26	16 3-	4/0ACSR	2535	2489	2319	349	150	3	1	0.00	0.59	0
CO15124+	CO14791	1.27	0 1-	4ACSR	0	0	2315	349	0	0	0	0.00	0.59	0
CO14790+	CO14791	1.36	3 3-	4/0ACSR	2501	2451	2276	348	19	0	0	0.00	0.59	0
CO14817+	CO14790	1.41	1 3-	4ACSR	2479	2424	2245	347	2	0	0	0.00	0.59	0
CO14910+	CO14790	1.38	2 1-	4ACSR	0	0	2261	348	17	1	1	0.00	0.59	0
CO14909+	CO14910	1.44	2 1-	4ACSR	0	0	2224	346	17	1	1	0.00	0.59	0
CO15127+	CO14790	1.37	0 1-	4ACSR	0	0	2272	348	0	0	0	0.00	0.59	0
CO14789+	CO14791	1.35	9 1-	4ACSR	0	0	2262	347	66	4	3	0.01	0.60	0
CO15125+	CO14789	1.36	0 1-	4ACSR	0	0	2258	347	0	0	0	0.00	0.60	0
CO15019+	CO14789	1.39	8 1-	4ACSR	0	0	2235	346	65	4	3	0.00	0.60	0
CO15020+	CO15019	1.44	7 1-	4ACSR	0	0	2204	345	53	3	3	0.00	0.60	0
CO15021+	CO15020	1.47	5 1-	4ACSR	0	0	2186	344	39	2	2	0.00	0.60	0
CO15022+	CO15021	1.51	4 1-	4ACSR	0	0	2162	343	28	1	1	0.00	0.61	0
CO15023+	CO15022	1.58	3 1-	4ACSR	0	0	2117	342	19	1	1	0.00	0.61	0
CO14921+	CO15012	1.09	14 1-	4ACSR	0	0	2397	349	43	2	2	0.00	0.55	0
CO14920+	CO14921	1.13	9 1-	4ACSR	0	0	2370	348	18	1	1	0.00	0.55	0
CO80441881+	CO-6922792	0.53	1 3-	1/0PRIURD	2853	2838	2739	885	7	0	0	0.00	0.24	0
CO15511+	CO15507	0.01	600 3-	750 MCM - 42 wi	3060	3096	3114	357	3161	71	6	0.00	0.01	0
Tilton+	CO15511	0.01	600 3-	VWVE	3060	3096	3114	357	3161	71	9	0.00	0.01	0
CO15321+	Tilton	0.03	600 3-	4/0ACSR	3053	3086	3103	357	3161	71	21	0.00	0.01	20
CO15319+	CO15321	0.24	600 3-	4/0ACSR	2947	2952	2941	356	3161	71	21	0.08	0.09	312
CO15318+	CO15319	0.32	599 3-	4/0ACSR	2912	2912	2888	355	3149	70	21	0.03	0.11	107
CO15320+	CO15318	0.53	598 3-	4/0ACSR	2816	2802	2746	354	3144	70	21	0.07	0.19	307

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15170+	CO15320	1.07	3 1-	4ACSR	0	0	2305	342	2	0	0	0.00	0.19	0
OC-1240567385+	CO15170	1.07	2 1-	20 N FUSE	0	0	2305	342	2	0	1	0.00	0.19	0
CO15420+	OC-1240567385	1.17	2 1-	4ACSR	0	0	2234	340	2	0	0	0.00	0.19	0
CO15214+	CO15420	1.21	1 1-	4ACSR	0	0	2200	339	0	0	0	0.00	0.19	0
CO15419+	CO15420	1.26	1 1-	4ACSR	0	0	2166	338	2	0	0	0.00	0.19	0
CO15213+	OC-1240567385	1.28	0 1-	4ACSR	0	0	2151	338	0	0	0	0.00	0.19	0
CO15323+	CO15320	0.70	594 3-	4/0ACSR	2744	2721	2644	353	3135	70	21	0.06	0.24	239
CO15322+	CO15323	0.88	592 3-	4/0ACSR	2669	2636	2539	352	3118	70	21	0.06	0.31	260
CO15324+	CO15322	0.96	592 3-	4/0ACSR	2636	2599	2495	351	3117	70	21	0.03	0.34	117
CO15424+	CO15324	1.02	3 1-	4ACSR	0	0	2456	350	9	0	0	0.00	0.34	0
OC-240401604+	CO15424	1.02	1 1-	20 N FUSE	0	0	2456	350	0	0	0	0.00	0.34	0
CO15423+	OC-240401604	1.05	1 1-	4ACSR	0	0	2430	349	0	0	0	0.00	0.34	0
CO15421+	CO15423	1.08	1 1-	4ACSR	0	0	2410	349	0	0	0	0.00	0.34	0
CO15422+	CO15421	1.16	1 1-	4ACSR	0	0	2351	347	0	0	0	0.00	0.34	0
CO15166+	CO15324	1.10	589 3-	4/0ACSR	2585	2542	2426	351	3108	70	21	0.05	0.38	188
CO15167+	CO15166	1.13	587 3-	4/0ACSR	2571	2526	2407	350	3102	69	21	0.01	0.40	53
CO15171+	CO15167	1.33	80 1-	4ACSR	0	0	2271	346	400	26	19	0.12	0.51	76
CO15216+	CO15171	1.37	2 1-	4ACSR	0	0	2244	345	4	0	0	0.00	0.51	0
CO15521+	CO15171	1.34	78 1-	4ACSR	0	0	2267	346	396	26	19	0.00	0.52	3
OC465+	CO15521	1.34	78 1-	70 E OCR	0	0	2267	346	396	26	38	0.00	0.52	0
CO15522+	OC465	1.38	78 1-	4ACSR	0	0	2237	345	396	26	19	0.03	0.54	16
CO1077718699+	CO15522	1.43	76 1-	2ACSR	0	0	2210	344	383	25	14	0.02	0.56	11
XFMR5	CO1077718699	1.43	76 1-	1000 KVA 1PH AU	0	0	1827	178	383	25	37	0.29	0.85	0
CO-454982702	XFMR5	1.55	76 1-	2ACSR	0	0	1742	177	383	51	29	0.19	1.04	117
CO15335	CO-454982702	2.13	75 1-	4ACSR	0	0	1358	170	377	50	36	1.25	2.29	752
FD-73090961	CO15335	2.13	0 1-	_DefaultBayEqui	0	0	1358	170	0	0	0	0.00	2.29	0
CO-472889249	CO15335	2.23	73 1-	2ACSR	0	0	1311	170	354	48	27	0.15	2.43	82
CO15259	CO-472889249	2.31	2 1-	4ACSR	0	0	1268	169	9	1	1	0.00	2.43	0
CO15258	CO-472889249	2.37	70 1-	4ACSR	0	0	1237	168	344	46	33	0.29	2.72	160
CO15440	CO15258	2.41	3 1-	4ACSR	0	0	1215	168	19	2	2	0.00	2.72	0
CO15439	CO15440	2.43	2 1-	4ACSR	0	0	1205	168	16	2	2	0.00	2.72	0
CO316083228	CO15439	2.54	1 1-	2ACSR	0	0	1164	167	10	1	1	0.00	2.73	0
CO15337	CO15258	2.54	64 1-	4ACSR	0	0	1152	166	313	42	30	0.33	3.05	172
CO15336	CO15337	2.69	63 1-	4ACSR	0	0	1091	165	309	42	30	0.26	3.32	136
CO15172	CO15336	2.85	61 1-	4ACSR	0	0	1026	163	300	41	29	0.30	3.62	149
CO15444	CO15172	2.94	4 1-	4ACSR	0	0	993	162	47	6	5	0.02	3.64	0
CO15441	CO15444	2.98	3 1-	4ACSR	0	0	980	162	34	4	3	0.01	3.65	0
CO15443	CO15441	3.04	2 1-	4ACSR	0	0	959	161	29	4	3	0.01	3.66	0
CO15442	CO15443	3.10	2 1-	4ACSR	0	0	941	161	29	4	3	0.01	3.67	0
CO1489653070	CO15442	3.17	1 1-	2ACSR	0	0	923	160	19	2	1	0.00	3.67	0
CO15339	CO15172	2.94	55 1-	4ACSR	0	0	996	162	241	33	24	0.12	3.74	47
CO15338	CO15339	3.13	53 1-	4ACSR	0	0	931	161	231	31	23	0.27	4.01	105
CO15527	CO15338	3.28	52 1-	4ACSR	0	0	887	159	219	30	22	0.19	4.20	67
CO17082	CO15527	3.34	46 1-	4ACSR	0	0	868	159	200	27	20	0.08	4.28	27
CO17175	CO17082	3.67	41 1-	4ACSR	0	0	785	156	170	23	17	0.34	4.62	97
CO15209	CO17175	3.78	0 1-	4ACSR	0	0	762	155	0	0	0	0.00	4.62	0
CO15208	CO17175	3.70	1 1-	4ACSR	0	0	779	155	5	0	0	0.00	4.62	0
CO15525	CO17175	3.68	39 1-	4ACSR	0	0	784	156	165	22	16	0.01	4.63	0
OC460	CO15525	3.68	39 1-	50 H OCR	0	0	784	156	165	22	46	0.00	4.63	0
CO15526	OC460	3.75	39 1-	4ACSR	0	0	768	155	165	22	16	0.07	4.70	20
CO15207	CO15526	3.81	1 1-	4ACSR	0	0	755	154	0	0	0	0.00	4.70	0
CO15165	CO15526	3.84	38 1-	4ACSR	0	0	748	154	165	22	16	0.09	4.79	25

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15314	CO15165	3.95	37 1-	4ACSR	0	0	725	153	162	22	16	0.11	4.90	30
CO15316	CO15314	4.01	36 1-	4ACSR	0	0	714	153	162	22	16	0.06	4.96	16
CO15315	CO15316	4.16	36 1-	4ACSR	0	0	687	151	162	22	16	0.14	5.10	39
CO15309	CO15315	4.26	30 1-	4ACSR	0	0	669	150	137	19	14	0.09	5.19	20
CO15308	CO15309	4.48	30 1-	4ACSR	0	0	634	149	137	19	14	0.17	5.36	38
CO15204	CO15308	4.56	1 1-	4ACSR	0	0	621	148	2	0	0	0.00	5.36	0
CO15307	CO15308	4.50	27 1-	4ACSR	0	0	630	148	121	16	12	0.02	5.38	4
CO15306	CO15307	4.59	27 1-	4ACSR	0	0	618	148	121	16	12	0.06	5.44	13
CO15203	CO15306	4.65	0 1-	4ACSR	0	0	609	147	0	0	0	0.00	5.44	0
CO15300	CO15306	4.61	4 1-	4ACSR	0	0	613	148	12	1	1	0.00	5.44	0
CO15299	CO15300	4.63	3 1-	4ACSR	0	0	611	147	3	0	0	0.00	5.44	0
CO15297	CO15299	4.98	2 1-	4ACSR	0	0	565	145	0	0	0	0.00	5.44	0
CO15296	CO15297	5.10	1 1-	4ACSR	0	0	551	144	0	0	0	0.00	5.44	0
CO15298	CO15296	5.34	1 1-	4ACSR	0	0	524	142	0	0	0	0.00	5.44	0
CO15417	CO15298	5.48	1 1-	4ACSR	0	0	510	141	0	0	0	0.00	5.44	0
CO15416	CO15417	5.53	0 1-	4ACSR	0	0	504	140	0	0	0	0.00	5.44	0
CO15418	CO15416	5.58	0 1-	4ACSR	0	0	499	140	0	0	0	0.00	5.44	0
CO15201	CO15298	5.54	0 1-	4ACSR	0	0	503	140	0	0	0	0.00	5.44	0
CO15202	CO15299	4.68	1 1-	4ACSR	0	0	605	147	3	0	0	0.00	5.44	0
CO15305	CO15306	4.67	22 1-	4ACSR	0	0	606	147	108	15	11	0.05	5.50	9
CO15304	CO15305	4.75	21 1-	4ACSR	0	0	594	146	97	13	10	0.05	5.54	8
CO15415	CO15304	4.79	5 1-	4ACSR	0	0	589	146	37	5	4	0.01	5.55	0
CO15411	CO15415	4.82	4 1-	4ACSR	0	0	586	146	28	3	3	0.00	5.56	0
CO15410	CO15411	4.84	3 1-	4ACSR	0	0	582	146	18	2	2	0.00	5.56	0
CO15414	CO15410	4.89	3 1-	4ACSR	0	0	576	145	18	2	2	0.00	5.56	0
CO15412	CO15414	4.92	1 1-	4ACSR	0	0	572	145	9	1	1	0.00	5.56	0
CO15413	CO15412	4.96	0 1-	4ACSR	0	0	567	145	0	0	0	0.00	5.56	0
CO15164	CO15304	4.89	14 1-	4ACSR	0	0	576	145	56	7	6	0.05	5.59	5
CO15199	CO15164	4.94	1 1-	4ACSR	0	0	570	145	5	0	1	0.00	5.59	0
CO15301	CO15164	4.97	13 1-	4ACSR	0	0	566	145	51	7	5	0.03	5.62	0
CO15303	CO15301	5.08	12 1-	4ACSR	0	0	553	144	47	6	5	0.03	5.65	2
CO15302	CO15303	5.22	12 1-	4ACSR	0	0	536	143	47	6	5	0.04	5.69	3
CO17087	CO15302	5.36	7 1-	4ACSR	0	0	521	142	13	1	1	0.01	5.70	0
CO13325	CO17087	5.41	6 1-	4ACSR	0	0	516	141	12	1	1	0.00	5.70	0
CO13197	CO13325	5.47	2 1-	4ACSR	0	0	510	141	1	0	0	0.00	5.70	0
CO13326	CO13325	5.57	4 1-	4ACSR	0	0	500	140	10	1	1	0.01	5.71	0
CO13327	CO13326	5.68	3 1-	4ACSR	0	0	489	139	6	0	1	0.00	5.72	0
CO13328	CO13327	5.78	3 1-	4ACSR	0	0	481	139	6	0	1	0.00	5.72	0
OC1483949937	CO13328	5.78	3 1-	20 N FUSE	0	0	481	139	6	0	4	0.00	5.72	0
CO13196	OC1483949937	6.02	0 1-	4ACSR	0	0	460	137	0	0	0	0.00	5.72	0
CO13329	OC1483949937	6.23	3 1-	4ACSR	0	0	443	135	6	0	1	0.02	5.74	0
CO13330	CO13329	6.43	3 1-	4ACSR	0	0	429	134	6	0	1	0.01	5.74	0
CO13195	CO13330	6.48	1 1-	4ACSR	0	0	425	134	0	0	0	0.00	5.74	0
CO13331	CO13330	6.55	2 1-	4ACSR	0	0	420	133	6	0	1	0.00	5.75	0
CO13333	CO13331	6.61	2 1-	4ACSR	0	0	416	133	6	0	1	0.00	5.75	0
CO13334	CO13333	6.79	1 1-	4ACSR	0	0	404	132	3	0	0	0.00	5.75	0
CO13332	CO13334	7.04	1 1-	4ACSR	0	0	389	130	3	0	0	0.00	5.76	0
CO15198	CO15302	5.31	1 1-	4ACSR	0	0	527	142	2	0	0	0.00	5.69	0
CO15197	CO15302	5.28	4 1-	4ACSR	0	0	530	142	33	4	3	0.01	5.70	0
CO17085	CO15197	5.35	2 1-	2ACSR	0	0	524	142	21	2	2	0.00	5.70	0
CO1697811899	CO17085	5.43	1 1-	2ACSR	0	0	518	141	10	1	1	0.00	5.71	0
CO1087563765	CO1697811899	5.54	1 1-	2ACSR	0	0	509	141	10	1	1	0.00	5.71	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15211	CO15304	4.79	2 1-	4ACSR	0	0	589	146	4	0	0	0.00	5.54	0
CO15200	CO15304	4.90	0 1-	4ACSR	0	0	574	145	0	0	0	0.00	5.54	0
CO15313	CO15315	4.25	6 1-	4ACSR	0	0	670	151	24	3	2	0.01	5.11	0
CO15312	CO15313	4.55	4 1-	4ACSR	0	0	624	148	11	1	1	0.01	5.13	0
CO15205	CO15312	4.65	2 1-	4ACSR	0	0	609	147	4	0	0	0.00	5.13	0
CO15311	CO15312	4.96	1 1-	4ACSR	0	0	567	145	0	0	0	0.00	5.13	0
CO15310	CO15311	5.14	0 1-	4ACSR	0	0	546	143	0	0	0	0.00	5.13	0
CO15206	CO15165	3.92	1 1-	4ACSR	0	0	733	153	3	0	0	0.00	4.79	0
CO13162	CO17082	3.41	5 1-	4ACSR	0	0	851	158	29	4	3	0.01	4.29	0
CO-1338356102	CO13162	3.44	0 1-	2ACSR	0	0	844	158	0	0	0	0.00	4.29	0
OC-731092886	CO-1338356102	3.44	0 1-	20 N FUSE	0	0	844	158	0	0	0	121.71	126.00	0
CO13194	CO13162	3.47	3 1-	4ACSR	0	0	836	157	20	2	2	0.00	4.29	0
CO13224	CO13194	3.52	0 1-	2ACSR	0	0	824	157	0	0	0	0.00	4.29	0
CO17081	CO15527	3.34	2 1-	4ACSR	0	0	869	159	4	0	0	0.00	4.20	0
CO15212	CO15527	3.37	1 1-	4ACSR	0	0	862	158	3	0	0	0.00	4.20	0
CO15446	CO15338	3.22	1 1-	4ACSR	0	0	904	160	11	1	1	0.01	4.02	0
CO15445	CO15446	3.30	1 1-	4ACSR	0	0	881	159	11	1	1	0.00	4.02	0
CO15225	CO15172	2.93	2 1-	4ACSR	0	0	998	163	10	1	1	0.00	3.62	0
CO15223	CO15336	2.78	2 1-	4ACSR	0	0	1053	164	9	1	1	0.00	3.32	0
CO15222	CO-472889249	2.30	1 1-	4ACSR	0	0	1272	169	1	0	0	0.00	2.43	0
CO15334	CO15335	2.23	0 1-	4ACSR	0	0	1297	169	0	0	0	0.00	2.29	0
OC-73090961	CO15334	2.23	0 1-	20 N FUSE	0	0	1297	169	0	0	0	123.71	126.00	0
CO15221	CO-454982702	1.62	1 1-	4ACSR	0	0	1695	176	6	0	1	0.00	1.04	0
CO15168+	CO15167	1.32	507 3-	4/0ACSR	2501	2449	2316	349	2702	61	18	0.06	0.45	203
CO15519+	CO15168	1.33	46 1-	4ACSR	0	0	2312	349	234	15	11	0.00	0.45	0
OC463+	CO15519	1.33	0 1-	35 L OCR	0	0	2312	349	0	0	0	0.00	0.45	0
AU34	CO15519	1.33	46 1-	333 KVA 1PH AUT	0	0	1077	177	234	15	68	0.36	0.82	0
CO15520	AU34	1.61	46 1-	4ACSR	0	0	1008	174	234	31	22	0.38	1.20	146
OCD6	CO15520	1.61	46 1-	35 L OCR	0	0	1008	174	233	31	90	0.00	1.20	0
CO15169	OCD6	1.75	43 1-	4ACSR	0	0	973	172	228	30	22	0.19	1.40	72
CO15217	CO15169	1.84	1 1-	4ACSR	0	0	952	171	0	0	0	0.00	1.40	0
CO15326	CO15169	1.86	42 1-	4ACSR	0	0	947	171	228	30	22	0.14	1.54	53
CO15502	CO15326	1.95	1 1-	2ACSR	0	0	929	170	3	0	0	0.00	1.54	0
CO15501	CO15502	2.00	1 1-	2ACSR	0	0	918	170	3	0	0	0.00	1.54	0
CO15325	CO15326	2.03	40 1-	4ACSR	0	0	908	169	223	30	21	0.22	1.76	82
CO17079	CO15325	2.12	18 1-	4ACSR	0	0	888	168	68	9	7	0.04	1.80	4
OC651046094	CO17079	2.12	18 1-	20 N FUSE	0	0	888	168	68	9	46	0.00	1.80	0
CO13223	OC651046094	2.17	2 1-	4ACSR	0	0	875	167	5	0	0	0.00	1.80	0
CO13180	OC651046094	2.17	16 1-	4ACSR	0	0	876	167	63	8	6	0.02	1.82	0
CO13222	CO13180	2.22	1 1-	4ACSR	0	0	865	167	1	0	0	0.00	1.82	0
CO13165	CO13180	2.23	14 1-	4ACSR	0	0	862	167	62	8	6	0.02	1.84	2
CO13309	CO13165	2.26	12 1-	4ACSR	0	0	856	166	48	6	5	0.01	1.85	0
CO13310	CO13309	2.26	12 1-	4ACSR	0	0	855	166	48	6	5	0.00	1.85	0
CO13311	CO13310	2.36	12 1-	4ACSR	0	0	834	165	48	6	5	0.03	1.88	2
CO13312	CO13311	2.46	12 1-	4ACSR	0	0	813	164	48	6	5	0.03	1.91	2
CO13204	CO13312	2.56	1 1-	4ACSR	0	0	793	163	5	0	0	0.00	1.91	0
CO13203	CO13312	2.57	2 1-	4ACSR	0	0	791	163	8	1	1	0.00	1.91	0
CO-1822350665	CO13203	2.63	0 1-	2ACSR	0	0	783	163	0	0	0	0.00	1.91	0
CO13166	CO13312	2.65	9 1-	4ACSR	0	0	777	163	34	4	3	0.04	1.95	0
CO13167	CO13166	2.74	7 1-	4ACSR	0	0	760	162	27	3	3	0.02	1.96	0
CO13318	CO13167	2.84	7 1-	4ACSR	0	0	741	161	27	3	3	0.02	1.98	0
CO13319	CO13318	2.98	6 1-	4ACSR	0	0	717	159	23	3	2	0.02	1.99	0

Substation Power Factor: 0.98

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC2144509981	CO13319	2.98	5 1-	20 N FUSE	0	0	717	159	17	2	12	0.00	1.99	0
CO13322	OC2144509981	3.07	4 1-	4ACSR	0	0	702	158	16	2	2	0.01	2.00	0
CO13323	CO13322	3.17	2 1-	4ACSR	0	0	687	157	9	1	1	0.00	2.01	0
CO13324	CO13323	3.21	1 1-	4ACSR	0	0	679	157	7	0	1	0.00	2.01	0
CO13320	OC2144509981	3.12	1 1-	4ACSR	0	0	694	158	1	0	0	0.00	2.00	0
CO13205	CO13320	3.21	1 1-	4ACSR	0	0	680	157	1	0	0	0.00	2.00	0
CO13321	CO13320	3.23	0 1-	4ACSR	0	0	676	157	0	0	0	0.00	2.00	0
CO13313	CO13167	2.80	0 1-	4ACSR	0	0	748	161	0	0	0	0.00	1.96	0
CO13314	CO13313	2.84	0 1-	4ACSR	0	0	742	161	0	0	0	0.00	1.96	0
CO13315	CO13166	2.73	2 1-	4ACSR	0	0	761	162	7	0	1	0.00	1.95	0
CO13316	CO13315	2.78	2 1-	4ACSR	0	0	752	161	7	0	1	0.00	1.95	0
CO13317	CO13316	2.83	1 1-	4ACSR	0	0	744	161	2	0	0	0.00	1.95	0
CO13202	CO13165	2.28	1 1-	4ACSR	0	0	851	166	3	0	0	0.00	1.84	0
CO13201	CO13165	2.25	0 1-	4ACSR	0	0	858	167	0	0	0	0.00	1.84	0
CO13200	CO13165	2.29	1 1-	4ACSR	0	0	850	166	11	1	1	0.00	1.84	0
CO15333	CO15325	2.06	22 1-	4ACSR	0	0	900	169	155	20	15	0.03	1.79	8
OC-1185042599	CO15333	2.06	21 1-	20 N FUSE	0	0	900	169	155	20	104	0.00	1.79	0
CO15332	OC-1185042599	2.12	21 1-	4ACSR	0	0	887	168	155	20	15	0.05	1.85	13
CO15330	CO15332	2.20	20 1-	4ACSR	0	0	869	167	144	19	14	0.07	1.91	16
CO15331	CO15330	2.29	19 1-	4ACSR	0	0	850	166	136	18	13	0.07	1.99	16
CO15184	CO15331	2.34	17 1-	4ACSR	0	0	840	166	123	16	12	0.03	2.02	7
CO15185	CO15184	2.39	15 1-	4ACSR	0	0	828	165	108	14	10	0.04	2.06	6
CO15428	CO15185	2.43	14 1-	4ACSR	0	0	820	165	93	12	9	0.02	2.08	3
CO15220	CO15428	2.46	2 1-	4ACSR	0	0	814	164	0	0	0	0.00	2.08	0
CO15438	CO15428	2.49	11 1-	4ACSR	0	0	808	164	85	11	8	0.03	2.11	4
CO15246	CO15438	2.53	1 1-	2ACSR	0	0	802	164	12	1	1	0.00	2.11	0
CO15437	CO15438	2.51	9 1-	4ACSR	0	0	804	164	74	9	7	0.01	2.12	0
CO15429	CO15437	2.56	7 1-	4ACSR	0	0	793	163	57	7	5	0.02	2.13	0
CO15430	CO15429	2.62	6 1-	4ACSR	0	0	782	163	50	6	5	0.02	2.15	0
CO15251	CO15430	2.68	1 1-	2ACSR	0	0	773	162	5	0	0	0.00	2.15	0
CO15262	CO15251	2.76	1 1-	1/0PRIURD	0	0	763	351	5	0	0	0.00	2.15	0
CO15431	CO15430	2.68	4 1-	4ACSR	0	0	771	162	38	5	4	0.01	2.16	0
CO15436	CO15431	2.69	4 1-	4ACSR	0	0	769	162	38	5	4	0.00	2.17	0
CO15433	CO15436	2.75	4 1-	4ACSR	0	0	758	161	38	5	4	0.01	2.18	0
CO15432	CO15433	2.76	3 1-	4ACSR	0	0	755	161	31	4	3	0.00	2.18	0
CO15435	CO15432	2.80	3 1-	4ACSR	0	0	748	161	31	4	3	0.01	2.19	0
CO15252	CO15435	3.01	1 1-	2ACSR	0	0	719	160	8	1	1	0.00	2.19	0
CO15434	CO15435	2.86	1 1-	4ACSR	0	0	739	160	10	1	1	0.00	2.19	0
CO15254	CO15429	2.61	1 1-	2ACSR	0	0	785	163	7	0	1	0.00	2.14	0
CO15427	CO15428	2.46	1 1-	4ACSR	0	0	813	164	7	0	1	0.00	2.08	0
CO15487	CO15185	2.44	1 1-	4ACSR	0	0	818	165	15	2	1	0.00	2.06	0
CO15486	CO15487	2.47	1 1-	4ACSR	0	0	811	164	15	2	1	0.00	2.06	0
CO15219	CO15184	2.38	2 1-	4ACSR	0	0	830	165	16	2	2	0.00	2.02	0
CO15218	CO15331	2.33	2 1-	4ACSR	0	0	840	166	12	1	1	0.00	1.99	0
CO15250	CO15332	2.16	1 1-	2ACSR	0	0	880	168	11	1	1	0.00	1.85	0
CO15426	OCD6	1.67	3 1-	4ACSR	0	0	994	173	5	0	1	0.00	1.20	0
CO15425	CO15426	1.74	2 1-	4ACSR	0	0	975	172	4	0	0	0.00	1.20	0
CO15328+	CO15168	1.45	461 3-	4/0ACSR	2456	2399	2257	348	2467	55	16	0.04	0.49	117
CO15327+	CO15328	1.95	460 3-	4/0ACSR	2296	2224	2058	345	2466	55	16	0.14	0.63	442
XFMR4	CO15327	1.95	460 3-	3000 KVA 3PH AU	1389	1377	1343	177	2463	55	80	1.22	1.84	0
CO15396	XFMR4	2.13	460 3-	4/0ACSR	1350	1334	1288	177	2463	111	33	0.19	2.04	667
CO15395	CO15396	2.18	459 3-	4/0ACSR	1340	1323	1275	176	2459	111	33	0.05	2.09	167

 Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15523	CO15395	2.19	82 3-	1/0ACSR	1339	1322	1273	176	481	21	9	0.00	2.09	0
CO15524	CO15523	2.29	82 3-	1/0ACSR	1316	1296	1241	176	481	21	9	0.04	2.13	28
CO15394	CO15524	2.66	81 3-	1/0ACSR	1237	1209	1137	174	475	21	9	0.13	2.26	98
OC462	CO15394	2.66	79 3-	70 L OCR	1237	1209	1137	174	473	21	31	0.00	2.26	0
CO-189235125	OC462	2.76	79 3-	2ACSR	1215	1184	1109	173	473	21	12	0.05	2.31	41
CO1774778305	CO-189235125	2.85	78 3-	2ACSR	1197	1164	1085	172	473	21	12	0.05	2.36	36
CO15340	CO1774778305	2.86	77 3-	1/0ACSR	1194	1160	1081	172	473	21	9	0.01	2.36	4
CO17179	CO15340	3.03	76 3-	1/0ACSR	1161	1124	1041	171	458	20	9	0.06	2.42	43
CO14800	CO17179	3.29	71 3-	1/0ACSR	1115	1074	986	170	433	19	9	0.08	2.50	56
CO14799	CO14800	3.36	71 3-	1/0ACSR	1102	1060	971	170	433	19	9	0.02	2.53	17
CO15146	CO14799	3.44	37 1-	6ACWC	0	0	950	169	247	33	24	0.12	2.64	48
OC440	CO15146	3.44	37 1-	50 H OCR	0	0	950	169	247	33	67	0.00	2.64	0
CO15147	OC440	3.46	37 1-	6ACWC	0	0	946	169	247	33	24	0.02	2.66	8
CO14824	CO15147	3.49	1 1-	4ACSR	0	0	938	168	10	1	1	0.00	2.66	0
CO15108	CO15147	3.47	35 1-	6ACWC	0	0	942	169	223	30	22	0.02	2.69	8
CO15109	CO15108	3.49	34 1-	6ACWC	0	0	937	168	216	29	21	0.02	2.71	9
CO535841002	CO15109	3.54	34 1-	2ACSR	0	0	927	168	216	29	16	0.04	2.75	15
CO-1098967095	CO535841002	3.63	1 1-	2ACSR	0	0	908	167	5	0	0	0.00	2.75	0
CO1974975055	CO535841002	3.56	32 1-	2ACSR	0	0	922	168	210	28	16	0.02	2.77	6
CO15111	CO1974975055	3.72	31 1-	6ACWC	0	0	885	166	201	27	20	0.19	2.95	62
CO14823	CO15111	3.75	1 1-	4ACSR	0	0	878	166	9	1	1	0.00	2.96	0
CO15112	CO15111	3.76	30 1-	6ACWC	0	0	874	166	192	26	19	0.05	3.00	15
CO15113	CO15112	3.78	25 1-	6ACWC	0	0	871	166	159	21	16	0.01	3.02	3
CO14798	CO15113	3.86	20 1-	6ACWC	0	0	852	165	124	16	12	0.06	3.08	13
CO14927	CO14798	3.90	3 1-	4ACSR	0	0	843	164	7	0	1	0.00	3.08	0
CO14926	CO14927	3.94	1 1-	4ACSR	0	0	835	164	4	0	0	0.00	3.08	0
CO14797	CO14798	4.04	17 1-	6ACWC	0	0	815	163	117	15	11	0.12	3.20	23
CO14796	CO14797	4.09	10 1-	6ACWC	0	0	804	163	57	7	6	0.02	3.21	0
CO15116	CO14796	4.27	2 1-	6ACWC	0	0	768	161	4	0	0	0.00	3.22	0
CO17255	CO15116	4.61	1 1-	6ACWC	0	0	707	158	0	0	0	0.00	3.22	0
CO13057	CO17255	4.67	0 1-	6ACWC	0	0	696	157	0	0	0	0.00	3.22	0
SW-912465948-B	CO13057	4.67	0 1-	Closed	0	0	696	157	0	0	0	0.00	3.22	0
SW-912465948-A	SW-912465948-B	4.67	0 1-	Closed	0	0	696	157	0	0	0	0.00	3.22	0
CO13058	SW-912465948-A	4.74	0 1-	6ACWC	0	0	684	156	0	0	0	0.00	3.22	0
CO14938	CO14796	4.16	6 1-	4ACSR	0	0	789	162	37	5	4	0.01	3.23	0
CO14937	CO14938	4.19	4 1-	4ACSR	0	0	782	162	20	2	2	0.00	3.23	0
CO14994	CO14937	4.23	1 1-	2ACSR	0	0	776	161	9	1	1	0.00	3.23	0
CO14993	CO14994	4.33	1 1-	2ACSR	0	0	761	161	9	1	1	0.00	3.23	0
CO14821	CO14796	4.15	1 1-	4ACSR	0	0	792	162	12	1	1	0.00	3.22	0
CO14925	CO14797	4.09	7 1-	4ACSR	0	0	804	163	60	8	6	0.02	3.22	0
CO14924	CO14925	4.12	2 1-	4ACSR	0	0	797	162	6	0	1	0.00	3.22	0
CO14923	CO14925	4.14	5 1-	4ACSR	0	0	792	162	54	7	5	0.01	3.23	0
CO14922	CO14923	4.16	3 1-	4ACSR	0	0	789	162	30	4	3	0.00	3.23	0
CO15114	CO14922	4.17	2 1-	4ACSR	0	0	787	162	20	2	2	0.00	3.23	0
CO15115	CO15114	4.19	1 1-	4ACSR	0	0	783	162	9	1	1	0.00	3.23	0
CO14832	CO14922	4.25	1 1-	1/0PRIURD	0	0	779	349	10	1	1	0.00	3.23	0
CO14822	CO15113	3.83	3 1-	4ACSR	0	0	859	165	20	2	2	0.00	3.02	0
CO218770412	CO535841002	3.63	1 1-	2ACSR	0	0	908	167	0	0	0	0.00	2.75	0
CO15144	CO14799	3.40	32 1-	4ACSR	0	0	961	169	177	24	17	0.04	2.56	11
OC439	CO15144	3.40	32 1-	20 N FUSE	0	0	961	169	177	24	120	0.00	2.56	0
CO15145	OC439	3.59	32 1-	4ACSR	0	0	914	167	177	24	17	0.19	2.75	54
CO15098	CO15145	3.66	29 1-	4ACSR	0	0	895	167	162	22	16	0.08	2.83	20

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14792	CO15098	3.76	5 1-	4ACSR	0	0	872	166	24	3	2	0.01	2.84	0
CO14912	CO14792	3.83	4 1-	4ACSR	0	0	856	165	15	2	1	0.01	2.85	0
CO15106	CO14912	3.87	3 1-	4ACSR	0	0	847	164	13	1	1	0.00	2.85	0
CO15107	CO15106	3.92	2 1-	4ACSR	0	0	836	164	10	1	1	0.00	2.85	0
CO14911	CO15107	4.02	2 1-	4ACSR	0	0	815	163	10	1	1	0.00	2.86	0
CO14818	CO14912	3.90	1 1-	4ACSR	0	0	840	164	2	0	0	0.00	2.85	0
CO14819	CO14792	3.88	1 1-	4ACSR	0	0	844	164	9	1	1	0.00	2.85	0
CO14826	CO15098	3.74	10 1-	4ACSR	0	0	878	166	58	7	6	0.02	2.85	0
CO15104	CO14826	3.86	3 1-	4ACSR	0	0	849	165	18	2	2	0.01	2.86	0
CO15105	CO15104	3.91	2 1-	4ACSR	0	0	837	164	14	1	1	0.00	2.86	0
CO14825	CO14826	3.86	3 1-	4ACSR	0	0	848	165	21	2	2	0.01	2.86	0
CO-1060613769	CO14825	3.92	1 1-	2ACSR	0	0	839	164	12	1	1	0.00	2.86	0
CO15099	CO15098	3.70	13 1-	4ACSR	0	0	887	166	73	10	7	0.01	2.84	0
CO15100	CO15099	3.84	11 1-	4ACSR	0	0	854	165	57	7	6	0.04	2.88	3
CO15101	CO15100	3.87	6 1-	4ACSR	0	0	846	164	31	4	3	0.01	2.88	0
CO15102	CO15101	3.92	4 1-	4ACSR	0	0	836	164	21	2	2	0.00	2.89	0
CO15103	CO15102	4.00	1 1-	4ACSR	0	0	819	163	5	0	1	0.00	2.89	0
CO14831	CO14799	3.48	1 1-	4ACSR	0	0	941	169	6	0	1	0.00	2.53	0
CO15148	CO14800	3.29	0 1-	4ACSR	0	0	985	170	0	0	0	0.00	2.50	0
OC438	CO15148	3.29	0 1-	10 N FUSE	0	0	985	170	0	0	0	0.00	2.50	0
CO15142	CO17179	3.04	5 1-	4ACSR	0	0	1039	171	24	3	2	0.00	2.42	0
OC437	CO15142	3.04	5 1-	10 N FUSE	0	0	1039	171	24	3	33	0.00	2.42	0
CO15143	OC437	3.16	5 1-	4ACSR	0	0	1006	170	24	3	2	0.02	2.44	0
CO14868	CO15143	3.25	5 1-	4ACSR	0	0	981	169	24	3	2	0.01	2.45	0
CO15008	CO14868	3.29	1 1-	2ACSR	0	0	970	169	12	1	1	0.00	2.45	0
CO15007	CO15008	3.32	1 1-	2ACSR	0	0	964	169	12	1	1	0.00	2.45	0
CO17177	CO14868	3.36	2 1-	4ACSR	0	0	950	168	2	0	0	0.00	2.45	0
CO15448	CO17177	3.53	2 1-	4ACSR	0	0	906	166	2	0	0	0.00	2.45	0
CO15447	CO15448	3.56	1 1-	4ACSR	0	0	898	166	0	0	0	0.00	2.45	0
CO15228	CO1774778305	2.98	1 1-	4ACSR	0	0	1045	171	0	0	0	0.00	2.36	0
OC-902343640	CO15228	2.98	0 1-	20 N FUSE	0	0	1045	171	0	0	0	0.00	2.36	0
CO687393278	CO-189235125	2.85	1 1-	2ACSR	0	0	1084	172	0	0	0	0.00	2.31	0
CO-871521664	CO687393278	3.04	1 1-	2ACSR	0	0	1035	171	0	0	0	0.00	2.31	0
CO15227	CO15394	2.80	2 2-	4ACSR	0	1167	1091	172	1	0	0	0.00	2.26	0
OC1247814603	CO15227	2.80	0 2-	20 N FUSE	0	1167	1091	172	0	0	0	0.00	2.26	0
CO15174	CO15395	2.24	376 3-	4ACSR	1326	1307	1255	176	1973	89	64	0.20	2.28	650
CO17080	CO15174	2.53	376 3-	4ACSR	1248	1215	1148	172	1970	89	64	1.03	3.31	3411
CO13168	CO17080	2.62	371 3-	4ACSR	1223	1185	1115	171	1926	88	63	0.32	3.63	1046
CO13169	CO13168	2.67	370 3-	4ACSR	1210	1171	1100	171	1918	88	63	0.16	3.79	511
CO13346	CO13169	2.68	3 3-	2ACSR	1209	1169	1098	171	59	2	1	0.00	3.79	0
OC961	CO13346	2.68	3 3-	10 N FUSE	1209	1169	1098	171	59	2	27	0.00	3.79	0
CO13347	OC961	2.73	3 3-	2ACSR	1196	1155	1082	171	59	2	1	0.00	3.79	0
CO13227	CO13347	2.82	2 3-	2ACSR	1176	1133	1058	170	45	2	1	0.00	3.80	0
CO17086	CO13227	3.05	0 1-	4ACSR	0	0	986	167	0	0	0	0.00	3.80	0
CO13108	CO17086	3.14	0 1-	4ACSR	0	0	958	166	0	0	0	0.00	3.80	0
CO13226	CO13227	2.89	2 3-	2ACSR	1159	1113	1037	169	45	2	1	0.00	3.80	0
320206014	CO13226	2.89	1 3-	Consumer	1159	1113	1037	169	45	2	0	0.00	3.80	0
CO13230	CO13169	2.84	367 3-	4ACSR	1163	1117	1043	169	1857	85	61	0.57	4.36	1806
CA-2141485813	CO13230	2.84	0 3-	Capacitor	1163	1117	1043	169	0	0	0	0.00	4.36	0
CO13231	CO13230	2.94	367 3-	4ACSR	1137	1087	1012	168	1848	85	61	0.33	4.68	1030
CO13348	CO13231	2.94	0 3-	4ACSR	1135	1086	1011	168	0	0	0	0.00	4.68	0
CO13233	CO13231	3.02	367 3-	4/0ACSR	1123	1072	994	168	1843	85	25	0.07	4.75	181

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13232	CO13233	3.10	367 3-	4/0ACSR	1111	1059	978	168	1843	85	25	0.06	4.81	162
CO13236	CO13232	3.58	366 3-	4/0ACSR	1044	985	890	166	1837	85	25	0.38	5.19	992
CO13239	CO13236	3.63	2 1-	4ACSR	0	0	877	165	17	2	2	0.00	5.19	0
OC-496284717	CO13239	3.63	1 1-	20 N FUSE	0	0	877	165	2	0	2	0.00	5.19	0
CO13238	OC-496284717	3.67	1 1-	4ACSR	0	0	866	165	2	0	0	0.00	5.19	0
CO13237	CO13236	3.63	364 3-	4ACSR	1032	972	878	165	1815	84	60	0.16	5.35	512
CO13344	CO13237	3.63	364 3-	4ACSR	1031	971	876	165	1813	84	60	0.02	5.38	68
OC379	CO13344	3.63	364 3-	100 L OCR	1031	971	876	165	1812	84	84	0.00	5.38	0
CO13345	OC379	3.81	364 3-	4ACSR	991	935	836	164	1812	84	60	0.58	5.95	1800
CO13170	CO13345	4.14	357 3-	4ACSR	919	871	767	160	1774	83	59	1.07	7.02	3286
CO13171	CO13170	4.23	355 3-	4ACSR	900	854	749	159	1754	82	59	0.31	7.33	946
CO13247	CO13171	4.47	4 1-	4ACSR	0	0	707	157	9	1	1	0.01	7.34	0
OC-1121608851	CO13247	4.47	3 1-	20 N FUSE	0	0	707	157	9	1	7	0.00	7.34	0
CO13248	OC-1121608851	4.52	3 1-	4ACSR	0	0	698	157	9	1	1	0.00	7.34	0
CO13249	CO13248	4.65	3 1-	4ACSR	0	0	676	155	9	1	1	0.01	7.35	0
CO13210	CO13249	4.77	1 1-	4ACSR	0	0	657	154	7	1	1	0.00	7.35	0
CO13209	CO13249	4.79	2 1-	4ACSR	0	0	655	154	2	0	0	0.00	7.35	0
CO13172	CO13171	4.70	351 3-	4ACSR	811	774	668	155	1741	82	59	1.51	8.83	4604
CO13349	CO13172	4.77	325 3-	4/0ACSR	806	769	662	155	1602	76	23	0.05	8.88	110
CO13253	CO13349	4.84	325 3-	4/0ACSR	800	763	656	155	1602	76	23	0.05	8.93	122
CO13250	CO13253	4.93	325 3-	4/0ACSR	793	756	647	154	1601	76	23	0.06	8.99	155
CO13251	CO13250	5.05	325 3-	4/0ACSR	784	746	637	154	1601	76	23	0.08	9.08	201
CO13252	CO13251	5.11	325 3-	4/0ACSR	779	741	631	154	1600	76	23	0.05	9.12	112
CO13221	CO13252	5.20	1 1-	4ACSR	0	0	619	153	2	0	0	0.00	9.13	0
OC-720310827	CO13221	5.20	0 1-	20 N FUSE	0	0	619	153	0	0	0	0.00	9.13	0
CO13220	CO13252	5.27	1 1-	4ACSR	0	0	610	152	13	1	1	0.01	9.13	0
OC401730592	CO13220	5.27	0 1-	20 N FUSE	0	0	610	152	0	0	0	0.00	9.13	0
CO17078	CO13252	5.25	322 3-	4/0ACSR	768	731	620	153	1581	75	22	0.10	9.22	226
REG176	CO17078	5.25	322 3-	200.0000000000	768	731	620	153	1580	75	0	-9.22	0.00	0
OH175	REG176	5.41	322 3-	4/0ACSR	757	719	607	153	1580	70	21	0.10	0.10	228
CO12700	OH175	5.54	313 3-	4/0ACSR	748	710	597	152	1529	68	20	0.08	0.18	170
CO12812	CO12700	5.66	312 3-	4/0ACSR	740	702	588	152	1521	67	20	0.07	0.26	157
CO12814	CO12812	5.69	311 3-	4/0ACSR	737	699	585	152	1519	67	20	0.02	0.28	46
CO12813	CO12814	5.72	308 3-	4/0ACSR	735	697	583	152	1507	67	20	0.02	0.30	40
CO12811	CO12813	5.80	306 3-	4/0ACSR	730	692	577	152	1495	66	20	0.05	0.35	103
CO12900	CO12811	5.86	3 1-	4ACSR	0	0	571	151	15	1	1	0.00	0.35	0
CO12902	CO12900	5.88	1 1-	4ACSR	0	0	569	151	11	1	1	0.00	0.35	0
CO12901	CO12902	5.93	1 1-	4ACSR	0	0	563	151	11	1	1	0.00	0.35	0
CO12803	CO12811	5.85	298 3-	4/0ACSR	727	689	574	151	1461	65	19	0.03	0.37	56
CO12802	CO12803	5.87	294 3-	4ACSR	724	686	572	151	1438	64	46	0.06	0.43	133
CO-285858254	CO12802	5.91	288 3-	1/0ACSR	721	683	569	151	1405	62	27	0.04	0.47	78
CO2006661083	CO-285858254	5.98	288 3-	1/0ACSR	714	677	563	151	1404	62	27	0.08	0.55	172
CO12866	CO2006661083	6.07	288 3-	1/0ACSR	707	670	557	150	1403	62	27	0.10	0.64	208
CO12865	CO12866	6.10	288 3-	1/0ACSR	705	668	555	150	1403	62	27	0.02	0.67	54
CO12747	CO12865	6.22	2 1-	4ACSR	0	0	542	149	10	1	1	0.00	0.67	0
OC21552927	CO12747	6.22	0 1-	20 N FUSE	0	0	542	149	0	0	0	0.00	0.67	0
CO12805	CO12865	6.13	286 3-	1/0ACSR	702	665	552	150	1392	62	27	0.04	0.70	81
CO12804	CO12805	6.18	286 3-	1/0ACSR	698	661	549	150	1392	62	27	0.05	0.75	103
CO12904	CO12804	6.28	3 1-	4ACSR	0	0	539	149	10	1	1	0.00	0.76	0
OC445549200	CO12904	6.28	2 1-	20 N FUSE	0	0	539	149	7	0	5	0.00	0.76	0
CO-637795944	OC445549200	6.41	1 1-	2ACSR	0	0	529	148	7	0	1	0.00	0.76	0
CO12903	OC445549200	6.31	1 1-	4ACSR	0	0	535	149	0	0	0	0.00	0.76	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12806	CO12804	6.24	283 3-	1/0ACSR	693	657	545	150	1381	61	27	0.06	0.82	136
CO12808	CO12806	6.34	281 3-	1/0ACSR	685	649	538	149	1372	61	27	0.10	0.91	209
CO12807	CO12808	6.60	281 3-	1/0ACSR	665	631	521	148	1371	61	27	0.27	1.18	564
CO12701	CO12807	6.84	276 3-	1/0ACSR	648	615	506	147	1345	60	26	0.24	1.42	504
CO12702	CO12701	6.97	270 3-	1/0ACSR	639	606	498	147	1304	58	26	0.13	1.55	266
CO12921	CO12702	6.98	100 1-	4ACSR	0	0	498	147	453	61	44	0.02	1.57	13
OC362	CO12921	6.98	100 1-	50 H OCR	0	0	498	147	453	61	123	0.00	1.57	0
CO12922	OC362	7.05	100 1-	4ACSR	0	0	492	146	453	61	44	0.19	1.76	142
CO12733	CO12922	7.13	1 1-	4ACSR	0	0	485	145	3	0	0	0.00	1.76	0
CO12817	CO12922	7.10	99 1-	4ACSR	0	0	487	146	450	61	44	0.13	1.90	98
CO12816	CO12817	7.15	99 1-	4ACSR	0	0	483	145	450	61	44	0.13	2.03	99
CO12815	CO12816	7.24	99 1-	4ACSR	0	0	476	144	449	61	44	0.25	2.28	179
CO12857	CO12815	7.32	1 1-	2ACSR	0	0	471	144	6	0	0	0.00	2.28	0
OC1905736324	CO12857	7.32	1 1-	20 N FUSE	0	0	471	144	6	0	4	0.00	2.28	0
CO12856	OC1905736324	7.40	1 1-	2ACSR	0	0	465	144	6	0	0	0.00	2.28	0
CO12745	CO12856	7.47	0 1-	2ACSR	0	0	461	143	0	0	0	0.00	2.28	0
CO12858	CO12856	7.46	1 1-	2ACSR	0	0	462	143	6	0	0	0.00	2.28	0
CO12862	CO12858	7.53	1 1-	2ACSR	0	0	458	143	6	0	0	0.00	2.28	0
CO12859	CO12862	7.60	1 1-	2ACSR	0	0	454	142	6	0	0	0.00	2.28	0
CO12861	CO12859	7.69	1 1-	2ACSR	0	0	448	142	6	0	0	0.00	2.29	0
CO12860	CO12861	7.79	1 1-	2ACSR	0	0	443	141	6	0	0	0.00	2.29	0
CO12855	CO12815	7.37	95 1-	4ACSR	0	0	465	143	431	58	42	0.34	2.62	241
CO12854	CO12855	7.41	95 1-	4ACSR	0	0	462	143	430	58	42	0.10	2.72	73
CO12910	CO12854	7.48	2 1-	4ACSR	0	0	457	143	8	1	1	0.00	2.72	0
CO12909	CO12910	7.51	2 1-	4ACSR	0	0	455	142	8	1	1	0.00	2.73	0
CO12738	CO12909	7.60	1 1-	4ACSR	0	0	448	142	8	1	1	0.00	2.73	0
CO12863	CO12854	7.44	93 1-	4ACSR	0	0	460	143	421	57	41	0.08	2.80	52
CO17149	CO12863	7.89	93 1-	4ACSR	0	0	428	139	421	57	41	1.14	3.93	790
CO12488	CO17149	7.95	93 1-	4ACSR	0	0	424	139	417	57	41	0.17	4.10	116
CO12386	CO12488	8.02	92 1-	4ACSR	0	0	419	138	414	57	41	0.17	4.28	120
CO12487	CO12386	8.03	91 1-	4ACSR	0	0	419	138	408	56	40	0.03	4.30	17
CO12486	CO12487	8.08	91 1-	4ACSR	0	0	416	138	408	56	40	0.10	4.41	71
CO12384	CO12486	8.14	91 1-	4ACSR	0	0	412	138	408	56	40	0.16	4.56	107
CO12385	CO12384	8.28	89 1-	4ACSR	0	0	403	137	396	54	39	0.34	4.90	221
CO12383	CO12385	8.33	86 1-	4ACSR	0	0	400	136	386	53	38	0.12	5.02	77
CO12485	CO12383	8.40	85 1-	4ACSR	0	0	396	136	374	52	37	0.16	5.18	103
CO12484	CO12485	8.51	84 1-	4ACSR	0	0	390	135	374	52	37	0.24	5.42	148
OC1894279417	CO12484	8.51	84 1-	20 N FUSE	0	0	390	135	373	52	260	0.00	5.42	0
CO12455	OC1894279417	8.55	1 1-	4ACSR	0	0	388	135	1	0	0	0.00	5.42	0
CO12454	CO12455	8.68	1 1-	4ACSR	0	0	381	134	1	0	0	0.00	5.42	0
CO12324	OC1894279417	8.60	83 1-	4ACSR	0	0	385	134	372	51	37	0.20	5.62	128
CO12326	CO12324	8.73	73 1-	4ACSR	0	0	378	133	326	45	33	0.27	5.89	147
CO12481	CO12326	8.81	3 1-	4ACSR	0	0	374	133	9	1	1	0.00	5.90	0
CO12482	CO12481	8.89	1 1-	4ACSR	0	0	370	132	7	0	1	0.00	5.90	0
CO12365	CO12482	8.93	1 1-	2ACSR	0	0	368	132	7	0	1	0.00	5.90	0
CO12483	CO12482	8.92	0 1-	4ACSR	0	0	368	132	0	0	0	0.00	5.90	0
CO12381	CO12483	8.97	0 1-	4ACSR	0	0	366	132	0	0	0	0.00	5.90	0
CO12423	CO12326	8.81	70 1-	4ACSR	0	0	374	133	316	44	32	0.16	6.06	88
CO12422	CO12423	8.87	70 1-	4ACSR	0	0	370	132	316	44	32	0.12	6.18	65
CO12437	CO12422	9.01	69 1-	4ACSR	0	0	364	131	308	43	31	0.26	6.44	136
CO12438	CO12437	9.13	68 1-	4ACSR	0	0	358	131	307	43	31	0.22	6.66	117
CO12436	CO12438	9.23	68 1-	4ACSR	0	0	353	130	307	43	31	0.20	6.86	101

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12328	CO12436	9.36	3 1-	4ACSR	0	0	347	129	13	1	1	0.01	6.87	0
CO12329	CO12328	9.41	2 1-	4ACSR	0	0	345	129	11	1	1	0.00	6.87	0
CO12425	CO12329	9.53	0 1-	4ACSR	0	0	339	128	0	0	0	0.00	6.87	0
CO12424	CO12425	10.01	0 1-	4ACSR	0	0	320	125	0	0	0	0.00	6.87	0
CO12355	CO12329	9.46	2 1-	4ACSR	0	0	342	129	11	1	1	0.00	6.87	0
CO12354	CO12328	9.46	1 1-	4ACSR	0	0	342	129	2	0	0	0.00	6.87	0
CO12506	CO12436	9.33	1 1-	4ACSR	0	0	348	129	0	0	0	0.00	6.86	0
CO12507	CO12506	9.56	0 1-	4ACSR	0	0	338	128	0	0	0	0.00	6.86	0
CO12466	CO12436	9.46	63 1-	4ACSR	0	0	342	128	282	39	28	0.41	7.27	197
CO12465	CO12466	9.53	63 1-	4ACSR	0	0	340	128	281	39	28	0.11	7.37	51
CO12441	CO12465	9.57	61 1-	4ACSR	0	0	337	128	280	39	28	0.09	7.46	42
CO12439	CO12441	9.61	61 1-	4ACSR	0	0	336	128	280	39	28	0.07	7.53	33
CO12440	CO12439	9.67	61 1-	4ACSR	0	0	333	127	280	39	28	0.10	7.63	47
CO12356	CO12440	9.80	1 1-	4ACSR	0	0	328	126	3	0	0	0.00	7.63	0
CO12327	CO12440	9.82	60 1-	4ACSR	0	0	327	126	276	39	28	0.25	7.88	120
CO12391	CO12327	9.82	43 1-	4ACSR	0	0	327	126	166	23	17	0.01	7.89	0
OC346	CO12391	9.82	43 1-	15 H OCR	0	0	327	126	166	23	157	0.00	7.89	0
CO12392	OC346	10.24	43 1-	4ACSR	0	0	311	124	166	23	17	0.43	8.32	124
CO12396	CO12392	10.62	0 1-	4ACSR	0	0	298	122	0	0	0	0.00	8.32	0
CO12395	CO12396	10.69	0 1-	4ACSR	0	0	295	121	0	0	0	0.00	8.32	0
CO12393	CO12392	10.28	43 1-	4ACSR	0	0	309	123	165	23	17	0.05	8.37	14
CO12394	CO12393	10.34	43 1-	4ACSR	0	0	307	123	165	23	17	0.05	8.42	15
CO12434	CO12394	10.54	41 1-	4ACSR	0	0	300	122	162	23	17	0.21	8.63	58
CO12435	CO12434	10.61	41 1-	4ACSR	0	0	298	122	162	23	17	0.07	8.69	19
CO17127	CO12435	10.65	37 1-	2ACSR	0	0	297	121	131	18	10	0.02	8.72	5
OC-380916054	CO17127	10.65	37 1-	20 N FUSE	0	0	297	121	131	18	94	0.00	8.72	0
CO-1253669342	OC-380916054	11.17	36 1-	2ACSR	0	0	284	119	131	18	10	0.29	9.01	65
CO12080	CO-1253669342	11.29	36 1-	2ACSR	0	0	281	119	130	18	10	0.06	9.07	14
CO12081	CO12080	11.39	35 1-	2ACSR	0	0	279	118	122	17	10	0.05	9.13	11
CO12087	CO12081	11.46	35 1-	2ACSR	0	0	277	118	122	17	10	0.04	9.17	8
CO12086	CO12087	11.48	35 1-	2ACSR	0	0	277	118	122	17	10	0.01	9.18	2
CO12082	CO12086	11.67	35 1-	2ACSR	0	0	273	117	122	17	10	0.10	9.27	20
CO12116	CO12082	11.72	3 1-	4ACSR	0	0	271	117	32	4	3	0.01	9.29	0
CO12114	CO12116	11.78	3 1-	4ACSR	0	0	269	117	32	4	3	0.01	9.30	0
CO-455281989	CO12114	12.02	3 1-	2ACSR	0	0	264	116	32	4	3	0.03	9.33	0
CO-1814840962	CO-455281989	12.10	1 1-	2ACSR	0	0	263	116	4	0	0	0.00	9.33	0
CO1722314967	CO-455281989	12.14	2 1-	2ACSR	0	0	262	115	27	3	2	0.01	9.34	0
CO318917733	CO1722314967	12.22	2 1-	2ACSR	0	0	260	115	27	3	2	0.01	9.35	0
CO668678618	CO318917733	12.36	1 1-	2ACSR	0	0	257	115	12	1	1	0.01	9.36	0
CO-766595358	CO668678618	12.41	1 1-	2ACSR	0	0	256	114	12	1	1	0.00	9.36	0
CO12115	CO12082	11.69	31 1-	4ACSR	0	0	272	117	90	12	9	0.02	9.29	3
CO12091	CO12115	11.72	31 1-	4ACSR	0	0	271	117	90	12	9	0.01	9.30	0
CO12093	CO12091	11.80	30 1-	4ACSR	0	0	269	117	77	11	8	0.04	9.34	5
CO12092	CO12093	11.91	29 1-	4ACSR	0	0	266	116	77	11	8	0.05	9.39	6
CO11991	CO12092	11.99	0 1-	2ACSR	0	0	264	116	0	0	0	0.00	9.39	0
CO11954	CO12092	11.98	17 1-	4ACSR	0	0	264	116	53	7	5	0.02	9.41	0
CO12070	CO11954	12.01	6 1-	4ACSR	0	0	263	116	25	3	3	0.00	9.42	0
CO-2017950116	CO12070	12.07	5 1-	2ACSR	0	0	262	115	20	2	2	0.00	9.42	0
CO12030	CO11954	12.03	3 1-	4ACSR	0	0	262	115	9	1	1	0.00	9.41	0
CO12029	CO12030	12.11	3 1-	4ACSR	0	0	260	115	9	1	1	0.00	9.42	0
CO12066	CO12029	12.13	3 1-	4ACSR	0	0	260	115	9	1	1	0.00	9.42	0
CO-40813081	CO12066	12.16	0 1-	2ACSR	0	0	259	115	0	0	0	0.00	9.42	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12117	CO-40813081	12.19	0 1-	4ACSR	0	0	258	115	0	0	0	0.00	9.42	0
CO12118	CO12117	12.25	0 1-	4ACSR	0	0	257	114	0	0	0	0.00	9.42	0
CO12069	CO12118	12.29	0 1-	4ACSR	0	0	256	114	0	0	0	0.00	9.42	0
CO163686979	CO12066	12.18	3 1-	4ACSR	0	0	258	115	9	1	1	0.00	9.42	0
CO-1690954910	CO163686979	12.20	2 1-	4ACSR	0	0	258	115	6	0	1	0.00	9.42	0
CO-1060800752	CO163686979	12.24	1 1-	2ACSR	0	0	257	114	3	0	0	0.00	9.42	0
CO11953	CO12092	11.96	9 1-	4ACSR	0	0	264	116	12	1	1	0.00	9.39	0
CO11977	CO11953	12.03	2 1-	4ACSR	0	0	262	115	2	0	0	0.00	9.39	0
CO12121	CO11953	11.99	4 1-	4ACSR	0	0	264	116	3	0	0	0.00	9.39	0
CO12122	CO12121	12.01	4 1-	4ACSR	0	0	263	116	3	0	0	0.00	9.39	0
CO11955	CO12122	12.10	3 1-	4ACSR	0	0	261	115	3	0	0	0.00	9.40	0
CO11952	CO11955	12.18	3 1-	4ACSR	0	0	258	115	3	0	0	0.00	9.40	0
CO-553770416	CO11952	12.21	1 1-	2ACSR	0	0	258	115	0	0	0	0.00	9.40	0
CO12119	CO-553770416	12.36	1 1-	4ACSR	0	0	254	114	0	0	0	0.00	9.40	0
CO12068	CO12119	12.51	0 1-	4ACSR	0	0	251	113	0	0	0	0.00	9.40	0
CO11978	CO11952	12.24	2 1-	4ACSR	0	0	257	114	3	0	0	0.00	9.40	0
CO12112	CO11955	12.20	0 1-	4ACSR	0	0	258	115	0	0	0	0.00	9.40	0
CO12113	CO12112	12.22	0 1-	4ACSR	0	0	257	114	0	0	0	0.00	9.40	0
CO12072	CO12122	12.08	1 1-	1/0ACSR	0	0	262	115	0	0	0	0.00	9.39	0
CO12073	CO12072	12.14	1 1-	1/0ACSR	0	0	261	115	0	0	0	0.00	9.39	0
CO371685969	OC-380916054	11.16	1 1-	2ACSR	0	0	284	119	0	0	0	0.00	8.72	0
CO12031	CO371685969	11.27	1 1-	4ACSR	0	0	281	119	0	0	0	0.00	8.72	0
OC-1639673566	CO12031	11.27	1 1-	20 N FUSE	0	0	281	119	0	0	0	0.00	8.72	0
CO12032	OC-1639673566	11.33	1 1-	4ACSR	0	0	279	118	0	0	0	0.00	8.72	0
CO12033	CO12032	11.38	1 1-	4ACSR	0	0	277	118	0	0	0	0.00	8.72	0
CO12034	CO12033	11.42	1 1-	4ACSR	0	0	276	118	0	0	0	0.00	8.72	0
CO12035	CO12034	11.61	1 1-	4ACSR	0	0	271	117	0	0	0	0.00	8.72	0
CO12036	CO12035	11.70	1 1-	4ACSR	0	0	268	116	0	0	0	0.00	8.72	0
CO12037	CO12036	11.77	1 1-	4ACSR	0	0	266	116	0	0	0	0.00	8.72	0
CO12038	CO12037	11.85	1 1-	4ACSR	0	0	264	116	0	0	0	0.00	8.72	0
CO12039	CO12038	11.96	1 1-	4ACSR	0	0	261	115	0	0	0	0.00	8.72	0
CO12133	OC-1639673566	11.39	0 1-	4ACSR	0	0	277	118	0	0	0	0.00	8.72	0
CO12134	CO12133	11.49	0 1-	4ACSR	0	0	274	118	0	0	0	0.00	8.72	0
CO11976	CO12133	11.45	0 1-	4ACSR	0	0	275	118	0	0	0	0.00	8.72	0
CO608781709	CO371685969	11.34	0 1-	2ACSR	0	0	280	119	0	0	0	0.00	8.72	0
CO1584457096	CO608781709	11.37	0 1-	2ACSR	0	0	279	119	0	0	0	0.00	8.72	0
SW-227680875-B	CO1584457096	11.37	0 1-	Closed	0	0	279	119	0	0	0	0.00	8.72	0
SW-227680875-A	SW-227680875-B	11.37	0 1-	Closed	0	0	279	119	0	0	0	0.00	8.72	0
CO-245478536	CO608781709	11.37	0 1-	2ACSR	0	0	279	119	0	0	0	0.00	8.72	0
SW2014815443-B	CO-245478536	11.37	0 1-	Closed	0	0	279	119	0	0	0	0.00	8.72	0
SW2014815443-A	SW2014815443-B	11.37	0 1-	Closed	0	0	279	119	0	0	0	0.00	8.72	0
CO12451	CO12435	10.65	3 1-	4ACSR	0	0	296	121	22	3	2	0.01	8.70	0
CO12460	CO12451	10.78	1 1-	2ACSR	0	0	293	121	9	1	1	0.01	8.71	0
CO12461	CO12460	10.84	1 1-	2ACSR	0	0	292	121	9	1	1	0.00	8.71	0
CO12450	CO12451	10.73	1 1-	4ACSR	0	0	294	121	10	1	1	0.00	8.70	0
CO12444	CO12394	10.37	1 1-	4ACSR	0	0	306	123	0	0	0	0.00	8.42	0
CO12442	CO12444	10.42	1 1-	4ACSR	0	0	304	123	0	0	0	0.00	8.42	0
CO12443	CO12442	10.49	1 1-	4ACSR	0	0	302	122	0	0	0	0.00	8.42	0
CO12499	CO12327	9.91	17 1-	4ACSR	0	0	323	126	110	15	11	0.07	7.95	13
CO12495	CO12499	10.06	17 1-	4ACSR	0	0	318	125	110	15	11	0.10	8.05	19
CO12498	CO12495	10.15	16 1-	4ACSR	0	0	314	124	110	15	11	0.07	8.11	12
CO12496	CO12498	10.21	16 1-	4ACSR	0	0	312	124	109	15	11	0.04	8.15	8

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12497	CO12496	10.34	16 1-	4ACSR	0	0	307	123	109	15	11	0.08	8.23	13
CO17062	CO12497	10.45	14 1-	4ACSR	0	0	303	122	89	12	9	0.07	8.29	10
CO12102	CO17062	10.50	13 1-	4ACSR	0	0	302	122	89	12	9	0.03	8.32	4
CO11993	CO12102	10.55	1 1-	2ACSR	0	0	300	122	10	1	1	0.00	8.32	0
CO12103	CO12102	10.54	12 1-	4ACSR	0	0	300	122	79	11	8	0.02	8.34	3
CO12078	CO12103	10.63	1 1-	2ACSR	0	0	298	122	8	1	1	0.00	8.34	0
CO12079	CO12078	10.69	1 1-	2ACSR	0	0	296	121	8	1	1	0.00	8.35	0
CO12063	CO12103	10.70	10 1-	4ACSR	0	0	295	121	71	10	7	0.06	8.41	8
CO17063	CO12063	10.75	9 1-	4ACSR	0	0	293	121	62	8	6	0.02	8.43	2
CO12426	CO17063	10.90	9 1-	4ACSR	0	0	288	120	62	8	6	0.06	8.49	7
CO12459	CO12426	10.97	1 1-	2ACSR	0	0	286	120	12	1	1	0.00	8.49	0
CO12433	CO12426	10.98	8 1-	2ACSR	0	0	286	120	50	7	4	0.02	8.50	0
CO12432	CO12433	11.10	8 1-	2ACSR	0	0	283	119	50	7	4	0.03	8.53	2
CO12330	CO12432	11.20	5 1-	2ACSR	0	0	281	119	35	5	3	0.01	8.54	0
CO12331	CO12330	11.25	4 1-	2ACSR	0	0	280	119	18	2	1	0.00	8.55	0
CO12427	CO12331	11.31	3 1-	2ACSR	0	0	279	118	10	1	1	0.00	8.55	0
CO12431	CO12427	11.38	3 1-	2ACSR	0	0	277	118	10	1	1	0.00	8.55	0
CO12428	CO12431	11.42	2 1-	2ACSR	0	0	276	118	10	1	1	0.00	8.56	0
CO-527725602	CO12428	11.53	1 1-	2ACSR	0	0	274	117	10	1	1	0.00	8.56	0
CO12430	CO12428	11.53	1 1-	2ACSR	0	0	274	117	0	0	0	0.00	8.56	0
CO12429	CO12430	11.76	1 1-	2ACSR	0	0	269	117	0	0	0	0.00	8.56	0
CO12360	CO12429	11.81	1 1-	4ACSR	0	0	267	116	0	0	0	0.00	8.56	0
CO12458	CO12429	11.78	0 1-	2ACSR	0	0	268	116	0	0	0	0.00	8.56	0
CO12456	CO12458	11.82	0 1-	2ACSR	0	0	267	116	0	0	0	0.00	8.56	0
CO12457	CO12456	11.86	0 1-	2ACSR	0	0	266	116	0	0	0	0.00	8.56	0
CO12359	CO12331	11.30	1 1-	2ACSR	0	0	279	118	8	1	1	0.00	8.55	0
CO12358	CO12330	11.24	1 1-	4ACSR	0	0	280	119	18	2	2	0.00	8.55	0
CO12357	CO12432	11.16	2 1-	2ACSR	0	0	282	119	5	0	0	0.00	8.53	0
CO12363	CO12432	11.15	1 1-	2ACSR	0	0	282	119	10	1	1	0.00	8.53	0
CO12464	CO12465	9.55	2 1-	4ACSR	0	0	339	128	0	0	0	0.00	7.37	0
CO12462	CO12464	9.75	2 1-	4ACSR	0	0	330	127	0	0	0	0.00	7.37	0
CO12463	CO12462	9.83	1 1-	4ACSR	0	0	327	126	0	0	0	0.00	7.37	0
CO12367	CO12437	9.07	1 1-	2ACSR	0	0	361	131	0	0	0	0.00	6.44	0
CO12366	CO12422	8.95	1 1-	4ACSR	0	0	367	132	8	1	1	0.00	6.18	0
CO12325	CO12324	8.65	10 1-	4ACSR	0	0	382	134	45	6	4	0.01	5.64	0
CO12421	CO12325	8.73	9 1-	4ACSR	0	0	378	133	41	5	4	0.02	5.66	0
CO12370	CO12421	8.76	2 1-	1/0PRIURD	0	0	377	234	12	1	1	0.00	5.66	0
CO12420	CO12421	8.80	7 1-	4ACSR	0	0	374	133	28	3	3	0.01	5.67	0
CO-1389136110	CO12420	8.91	1 1-	2ACSR	0	0	370	132	8	1	1	0.00	5.67	0
CO12508	CO12420	8.84	2 1-	4ACSR	0	0	372	133	6	0	1	0.00	5.67	0
CO12509	CO12508	9.02	2 1-	4ACSR	0	0	363	131	6	0	1	0.01	5.68	0
CO12502	CO12509	9.09	2 1-	4ACSR	0	0	360	131	6	0	1	0.00	5.68	0
CO12503	CO12502	9.15	2 1-	4ACSR	0	0	357	131	6	0	1	0.00	5.68	0
CO12352	CO12420	9.08	2 1-	4ACSR	0	0	360	131	10	1	1	0.01	5.68	0
CO12382	CO12420	8.83	2 1-	4ACSR	0	0	373	133	4	0	0	0.00	5.67	0
CO12504	CO12382	9.18	1 1-	4ACSR	0	0	356	130	0	0	0	0.00	5.67	0
CO12505	CO12504	9.26	1 1-	4ACSR	0	0	352	130	0	0	0	0.00	5.67	0
CO12353	CO12325	8.73	0 1-	4ACSR	0	0	378	133	0	0	0	0.00	5.64	0
CO12919	CO12702	6.98	170 3-	1/0ACSR	638	605	498	147	850	38	17	0.00	1.56	6
OC960	CO12919	6.98	170 3-	70 L OCR	638	605	498	147	850	38	55	0.00	1.56	0
CO12920	OC960	7.04	170 3-	1/0ACSR	634	601	494	146	850	38	17	0.04	1.60	52
CO12823	CO12920	7.07	168 3-	1/0ACSR	633	600	493	146	845	38	17	0.01	1.61	19

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12824	CO12823	7.13	167 3-	1/0ACSR	629	596	489	146	837	37	16	0.04	1.65	50
CO12825	CO12824	7.25	166 3-	1/0ACSR	620	588	482	145	828	37	16	0.08	1.73	102
CO12820	CO12825	7.28	165 3-	1/0ACSR	619	587	481	145	828	37	16	0.02	1.74	21
CO12819	CO12820	7.34	163 3-	1/0ACSR	615	583	478	145	812	36	16	0.04	1.78	47
CO12740	CO12819	7.41	1 1-	2ACSR	0	0	473	145	5	0	0	0.00	1.78	0
OC-439766971	CO12740	7.41	0 1-	20 N FUSE	0	0	473	145	0	0	0	0.00	1.78	0
CO12822	CO12819	7.42	162 3-	1/0ACSR	610	578	474	145	808	36	16	0.05	1.83	58
CO12821	CO12822	7.49	162 3-	1/0ACSR	606	574	470	145	807	36	16	0.04	1.87	51
CO12826	CO12821	7.53	160 3-	1/0ACSR	603	572	468	144	795	35	16	0.02	1.89	31
CO12818	CO12826	7.62	160 3-	1/0ACSR	598	567	463	144	794	35	16	0.06	1.95	69
CO12832	CO12818	7.75	160 3-	1/0ACSR	590	560	457	143	794	35	16	0.08	2.02	95
CO12834	CO12832	7.77	159 3-	1/0ACSR	589	558	456	143	794	35	16	0.01	2.04	15
CO12833	CO12834	7.84	159 3-	1/0ACSR	585	555	453	143	793	35	16	0.04	2.08	50
CO12829	CO12833	7.88	2 1-	4ACSR	0	0	449	143	12	1	1	0.00	2.08	0
OC1177691798	CO12829	7.88	0 1-	20 N FUSE	0	0	449	143	0	0	0	0.00	2.08	0
CO12925	OC1177691798	7.89	0 1-	4ACSR	0	0	449	143	0	0	0	0.00	2.08	0
CO12835	CO12833	8.01	157 3-	1/0ACSR	575	546	444	142	782	35	15	0.10	2.18	121
CO12836	CO12835	8.06	156 3-	1/0ACSR	572	543	442	142	772	34	15	0.03	2.20	35
CO12840	CO12836	8.14	155 3-	1/0ACSR	568	539	439	142	759	34	15	0.04	2.25	51
CO12837	CO12840	8.22	153 3-	1/0ACSR	564	535	435	142	749	33	15	0.05	2.30	56
C0983237913	CO12837	8.36	153 3-	2ACSR	555	527	428	141	748	33	19	0.12	2.41	142
CO1536667589	C0983237913	8.42	140 3-	2ACSR	551	523	424	141	683	30	17	0.05	2.46	54
CO12838	CO1536667589	8.48	140 3-	1/0ACSR	548	520	422	140	682	30	13	0.03	2.49	32
CO12743	CO12838	8.50	1 1-	4ACSR	0	0	421	140	8	1	1	0.00	2.49	0
OC-710497005	CO12743	8.50	0 1-	20 N FUSE	0	0	421	140	0	0	0	0.00	2.49	0
CO12827	CO12838	8.58	3 1-	4ACSR	0	0	416	140	7	0	1	0.00	2.49	0
OC-251128978	CO12827	8.58	3 1-	20 N FUSE	0	0	416	140	7	0	4	0.00	2.49	0
CO12828	OC-251128978	8.72	3 1-	4ACSR	0	0	407	139	7	0	1	0.00	2.50	0
CO12831	CO12828	8.82	2 1-	4ACSR	0	0	402	138	0	0	0	0.00	2.50	0
CO12830	CO12831	8.86	1 1-	4ACSR	0	0	399	137	0	0	0	0.00	2.50	0
CO12927	CO12830	8.87	0 1-	4ACSR	0	0	398	137	0	0	0	0.00	2.50	0
CO12851	CO12838	8.51	136 3-	1/0ACSR	546	519	421	140	667	30	13	0.02	2.50	17
CO12850	CO12851	8.59	136 3-	1/0ACSR	542	515	417	140	667	30	13	0.04	2.55	43
CO12742	CO12850	8.73	1 1-	4ACSR	0	0	409	139	16	2	2	0.01	2.55	0
OC1288592012	CO12742	8.73	0 1-	20 N FUSE	0	0	409	139	0	0	0	0.00	2.55	0
CO12842	CO12850	8.67	134 3-	1/0ACSR	538	511	414	140	639	28	13	0.04	2.58	39
CO12708	CO12842	9.01	1 1-	4ACSR	0	0	394	137	2	0	0	0.00	2.59	0
OC-895122685	CO12708	9.01	0 1-	20 N FUSE	0	0	394	137	0	0	0	0.00	2.59	0
CO12841	CO12842	8.69	133 3-	1/0ACSR	537	510	413	140	637	28	13	0.01	2.59	11
CO12844	CO12841	8.89	132 3-	1/0ACSR	528	501	406	139	637	28	13	0.09	2.69	93
CO12843	CO12844	8.93	131 3-	1/0ACSR	526	500	404	139	636	28	13	0.02	2.70	18
CO12763	CO12843	8.97	127 3-	1/0ACSR	524	498	402	138	631	28	12	0.02	2.72	20
CO12762	CO12763	9.08	127 3-	1/0ACSR	519	493	398	138	631	28	12	0.05	2.78	52
CO12764	CO12762	9.11	126 3-	1/0ACSR	517	492	397	138	625	28	12	0.01	2.79	14
CO12765	CO12764	9.18	124 3-	1/0ACSR	514	489	395	138	607	27	12	0.03	2.82	31
CO12928	CO12765	9.19	44 1-	4ACSR	0	0	394	138	220	29	21	0.01	2.83	2
CO12929	CO12928	9.24	44 1-	4ACSR	0	0	391	137	220	29	21	0.07	2.90	26
OC-1761406253	CO12929	9.24	44 1-	50 E OCR	0	0	391	137	220	29	60	0.00	2.90	0
CO12847	OC-1761406253	9.27	44 1-	4ACSR	0	0	390	137	220	29	21	0.04	2.94	13
CO12848	CO12847	9.30	43 1-	4ACSR	0	0	388	137	204	27	20	0.03	2.97	12
CO12846	CO12848	9.32	43 1-	4ACSR	0	0	387	137	204	27	20	0.02	3.00	8
CO12845	CO12846	9.36	42 1-	4ACSR	0	0	385	136	204	27	20	0.06	3.05	19

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12849	CO12845	9.40	42 1-	4ACSR	0	0	382	136	204	27	20	0.05	3.10	16
CO12869	CO12849	9.47	3 1-	4ACSR	0	0	379	136	7	1	1	0.00	3.10	0
CO12871	CO12869	9.54	1 1-	4ACSR	0	0	376	135	3	0	0	0.00	3.10	0
CO12870	CO12871	9.58	1 1-	4ACSR	0	0	373	135	3	0	0	0.00	3.10	0
CO12777	CO12849	9.60	37 1-	4ACSR	0	0	372	135	178	24	17	0.21	3.31	62
CO12775	CO12777	9.67	37 1-	4ACSR	0	0	369	134	178	24	17	0.08	3.39	23
CO12776	CO12775	9.70	37 1-	4ACSR	0	0	368	134	178	24	17	0.03	3.42	7
CO12766	CO12776	9.71	36 1-	4ACSR	0	0	367	134	177	24	17	0.01	3.43	3
CO12768	CO12766	9.74	36 1-	4ACSR	0	0	366	134	177	24	17	0.03	3.46	9
CO12748	CO12768	9.78	1 1-	2ACSR	0	0	364	133	7	0	1	0.00	3.46	0
CO12767	CO12768	9.87	33 1-	4ACSR	0	0	359	133	167	22	16	0.13	3.59	36
CO17222	CO12767	9.94	33 1-	4ACSR	0	0	356	132	167	22	16	0.07	3.66	19
CO13297	CO17222	10.03	29 1-	4ACSR	0	0	352	132	152	20	15	0.08	3.74	21
CO13296	CO13297	10.10	29 1-	4ACSR	0	0	349	131	151	20	15	0.06	3.80	16
SW382-B	CO13296	10.10	0 1-	Open	0	0	349	131	0	0	0	0.00	3.80	0
CO13153	CO13296	10.18	27 1-	4ACSR	0	0	345	131	139	19	14	0.07	3.88	17
CO13187	CO13153	10.27	1 1-	4ACSR	0	0	341	130	4	0	0	0.00	3.88	0
CO13154	CO13153	10.23	25 1-	4ACSR	0	0	343	130	134	18	13	0.03	3.91	7
CO13155	CO13154	10.39	24 1-	4ACSR	0	0	336	129	133	18	13	0.13	4.04	29
CO13294	CO13155	10.52	1 1-	4ACSR	0	0	331	128	0	0	0	0.00	4.04	0
CO13189	CO13294	10.56	1 1-	4ACSR	0	0	329	128	0	0	0	0.00	4.04	0
CO13295	CO13294	10.58	0 1-	4ACSR	0	0	328	128	0	0	0	0.00	4.04	0
CO13156	CO13155	10.65	23 1-	4ACSR	0	0	325	128	133	18	13	0.21	4.26	47
CO13190	CO13156	10.77	1 1-	4ACSR	0	0	321	127	4	0	0	0.00	4.26	0
CO13157	CO13156	10.78	22 1-	4ACSR	0	0	320	127	129	17	13	0.10	4.36	22
CO13158	CO13157	10.92	21 1-	4ACSR	0	0	315	126	125	17	12	0.10	4.46	21
CO13293	CO13158	11.17	19 1-	4ACSR	0	0	306	124	118	16	12	0.18	4.64	35
CO13292	CO13293	11.23	19 1-	4ACSR	0	0	304	124	118	16	12	0.04	4.68	8
CO13159	CO13292	11.36	16 1-	4ACSR	0	0	300	123	91	12	9	0.07	4.75	11
CO13160	CO13159	11.41	15 1-	4ACSR	0	0	298	123	70	9	7	0.02	4.77	2
CO13279	CO13160	11.55	15 1-	4ACSR	0	0	293	122	70	9	7	0.06	4.84	7
CO13278	CO13279	11.66	15 1-	4ACSR	0	0	290	121	70	9	7	0.04	4.88	5
CO13284	CO13278	11.71	12 1-	4ACSR	0	0	288	121	53	7	5	0.01	4.90	0
CO13283	CO13284	11.98	12 1-	4ACSR	0	0	280	120	53	7	5	0.07	4.97	5
CO13161	CO13283	12.13	6 1-	4ACSR	0	0	276	119	16	2	2	0.01	4.98	0
CO13354	CO13161	12.17	1 1-	4ACSR	0	0	274	119	6	0	1	0.00	4.98	0
CO13286	CO13161	12.18	5 1-	4ACSR	0	0	274	119	9	1	1	0.00	4.98	0
CO13285	CO13286	12.46	4 1-	4ACSR	0	0	267	117	3	0	0	0.00	4.99	0
CO13193	CO13285	12.53	2 1-	4ACSR	0	0	265	117	3	0	0	0.00	4.99	0
CO13355	CO13285	12.52	1 1-	4ACSR	0	0	265	117	0	0	0	0.00	4.99	0
CO13288	CO13285	12.53	0 1-	4ACSR	0	0	265	117	0	0	0	0.00	4.99	0
CO-1174891211	CO13288	12.58	0 1-	2ACSR	0	0	264	117	0	0	0	0.00	4.99	0
CO13353	CO13283	12.03	2 1-	4ACSR	0	0	279	119	16	2	2	0.00	4.97	0
CO13352	CO13283	12.03	1 1-	4ACSR	0	0	279	119	0	0	0	0.00	4.97	0
CO-831597938	CO13284	11.73	0 1-	2ACSR	0	0	288	121	0	0	0	0.00	4.90	0
CO13351	CO13278	11.77	2 1-	4ACSR	0	0	286	121	7	1	1	0.00	4.89	0
CO13280	CO13351	11.91	2 1-	4ACSR	0	0	282	120	7	1	1	0.01	4.89	0
CO13281	CO13280	11.99	1 1-	4ACSR	0	0	280	120	6	0	1	0.00	4.89	0
CO13282	CO13281	12.04	1 1-	4ACSR	0	0	278	119	6	0	1	0.00	4.90	0
CO13199	CO13159	11.37	1 1-	4ACSR	0	0	299	123	20	2	2	0.00	4.75	0
CO13289	CO13292	11.30	3 1-	4ACSR	0	0	302	124	27	3	3	0.01	4.69	0
CO13290	CO13289	11.36	2 1-	4ACSR	0	0	300	123	16	2	2	0.01	4.69	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13291	CO13290	11.41	1 1-	4ACSR	0	0	298	123	13	1	1	0.00	4.70	0
CO13192	CO13158	10.98	1 1-	4ACSR	0	0	313	126	2	0	0	0.00	4.46	0
CO13191	CO13157	10.88	1 1-	4ACSR	0	0	317	126	4	0	0	0.00	4.36	0
CO13188	CO13154	10.32	1 1-	4ACSR	0	0	339	130	1	0	0	0.00	3.91	0
CO13186	CO13296	10.17	1 1-	4ACSR	0	0	346	131	7	0	1	0.00	3.81	0
CO13185	CO17222	10.03	2 1-	4ACSR	0	0	352	132	11	1	1	0.00	3.66	0
CO12760	CO12765	9.26	80 3-	1/0ACSR	511	485	392	137	387	17	8	0.02	2.85	14
CO12761	CO12760	9.30	80 3-	1/0ACSR	509	484	390	137	387	17	8	0.01	2.86	7
CO12697	CO12761	9.36	45 1-	4ACSR	0	0	387	137	230	31	22	0.07	2.93	28
CO12853	CO12697	9.62	45 1-	4ACSR	0	0	374	135	230	31	22	0.36	3.29	135
OC-542518067	CO12853	9.62	44 1-	50 E OCR	0	0	374	135	221	30	61	0.00	3.29	0
CO12852	OC-542518067	9.68	44 1-	4ACSR	0	0	371	135	221	30	22	0.08	3.37	28
CO12693	CO12852	9.96	42 1-	4ACSR	0	0	357	133	207	28	20	0.36	3.72	122
CO12713	CO12693	10.00	1 1-	4ACSR	0	0	355	132	10	1	1	0.00	3.72	0
CO12712	CO12693	10.07	0 1-	4ACSR	0	0	352	132	0	0	0	0.00	3.72	0
CO12692	CO12693	10.06	41 1-	4ACSR	0	0	353	132	197	27	19	0.11	3.83	37
CO12750	CO12692	10.16	6 1-	4ACSR	0	0	348	131	52	7	5	0.03	3.87	3
CO12749	CO12750	10.24	5 1-	4ACSR	0	0	344	131	52	7	5	0.03	3.89	2
CO12691	CO12749	10.37	4 1-	4ACSR	0	0	339	130	41	5	4	0.03	3.92	0
CO12875	CO12691	10.44	0 1-	4ACSR	0	0	336	129	0	0	0	0.00	3.92	0
SW100178695-B	CO12875	10.44	0 1-	Closed	0	0	336	129	0	0	0	0.00	3.92	0
SW100178695-A	SW100178695-B	10.44	0 1-	Closed	0	0	336	129	0	0	0	0.00	3.92	0
CO12874	SW100178695-A	10.49	0 1-	4ACSR	0	0	334	129	0	0	0	0.00	3.92	0
CO12873	CO12691	10.48	2 1-	4ACSR	0	0	334	129	15	2	1	0.01	3.93	0
CO12872	CO12873	10.55	1 1-	4ACSR	0	0	331	129	14	1	1	0.00	3.94	0
CO12769	CO12691	10.52	2 1-	4ACSR	0	0	333	129	26	3	3	0.02	3.94	0
CO17155	CO12769	10.92	1 1-	4ACSR	0	0	317	126	16	2	2	0.02	3.96	0
CO13860	CO17155	10.99	0 1-	4ACSR	0	0	314	126	0	0	0	0.00	3.96	0
CO13859	CO13860	11.13	0 1-	4ACSR	0	0	309	125	0	0	0	0.00	3.96	0
CO13813	CO13859	11.18	0 1-	4ACSR	0	0	307	125	0	0	0	0.00	3.96	0
CO13851	CO13859	11.21	0 1-	4ACSR	0	0	306	125	0	0	0	0.00	3.96	0
CO13852	CO13851	11.26	0 1-	4ACSR	0	0	305	124	0	0	0	0.00	3.96	0
CO13853	CO13852	11.32	0 1-	4ACSR	0	0	303	124	0	0	0	0.00	3.96	0
CO12711	CO12749	10.32	1 1-	4ACSR	0	0	341	130	11	1	1	0.00	3.90	0
CO12917	CO12692	10.06	35 1-	4ACSR	0	0	352	132	144	19	14	0.01	3.84	0
CO12918	CO12917	10.17	35 1-	4ACSR	0	0	347	131	144	19	14	0.10	3.94	23
CO12771	CO12918	10.24	35 1-	4ACSR	0	0	344	131	144	19	14	0.06	4.00	14
CO12770	CO12771	10.49	35 1-	4ACSR	0	0	334	129	144	19	14	0.22	4.21	52
OC-233342225	CO12770	10.49	35 1-	20 N FUSE	0	0	334	129	144	19	99	0.00	4.21	0
CO12694	OC-233342225	10.57	35 1-	4ACSR	0	0	330	129	144	19	14	0.07	4.29	18
CO12774	CO12694	10.96	2 1-	4ACSR	0	0	315	126	5	0	0	0.01	4.29	0
CO17153	CO12774	11.16	1 1-	4ACSR	0	0	308	125	1	0	0	0.00	4.29	0
CO12695	CO12694	10.78	32 1-	4ACSR	0	0	322	127	137	18	14	0.17	4.46	40
CO12717	CO12695	10.91	1 1-	4ACSR	0	0	317	126	2	0	0	0.00	4.46	0
CO12773	CO12695	10.91	31 1-	4ACSR	0	0	317	126	135	18	13	0.11	4.57	25
CO12772	CO12773	11.01	31 1-	4ACSR	0	0	314	126	135	18	13	0.08	4.65	18
CO12696	CO12772	11.12	28 1-	4ACSR	0	0	310	125	117	16	12	0.08	4.73	16
CO17147	CO12696	11.31	24 1-	4ACSR	0	0	303	124	89	12	9	0.10	4.83	15
CO17156	CO17147	11.66	1 1-	4ACSR	0	0	291	122	0	0	0	0.00	4.83	0
CO13822	CO17156	11.72	1 1-	4ACSR	0	0	289	122	0	0	0	0.00	4.83	0
CO12341	CO17147	11.45	2 1-	4ACSR	0	0	298	123	1	0	0	0.00	4.83	0
CO12319	CO17147	11.34	21 1-	4ACSR	0	0	302	124	88	12	9	0.02	4.85	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12373	CO12319	11.43	20 1-	4ACSR	0	0	299	123	88	12	9	0.05	4.89	7
CO12374	CO12373	11.53	19 1-	4ACSR	0	0	296	123	81	11	8	0.05	4.94	7
CO12320	CO12374	11.58	18 1-	4ACSR	0	0	294	122	80	11	8	0.02	4.97	3
CO12321	CO12320	11.67	17 1-	4ACSR	0	0	291	122	77	10	8	0.04	5.01	6
CO12375	CO12321	11.87	14 1-	4ACSR	0	0	285	121	69	9	7	0.08	5.09	9
CO12471	CO12375	11.90	13 1-	4ACSR	0	0	284	120	66	9	7	0.01	5.10	0
CO12470	CO12471	11.96	13 1-	4ACSR	0	0	282	120	66	9	7	0.02	5.13	2
CO12472	CO12470	12.05	11 1-	4ACSR	0	0	279	120	65	8	6	0.04	5.17	4
CO12473	CO12472	12.17	11 1-	4ACSR	0	0	276	119	65	8	6	0.04	5.21	5
CO12371	CO12473	12.23	2 1-	4ACSR	0	0	274	119	6	0	1	0.00	5.21	0
CO12372	CO12371	12.36	0 1-	4ACSR	0	0	271	118	0	0	0	0.00	5.21	0
CO12447	CO12473	12.24	0 1-	4ACSR	0	0	274	119	0	0	0	0.00	5.21	0
CO12467	CO12473	12.28	9 1-	4ACSR	0	0	273	118	59	8	6	0.04	5.25	4
CO12345	CO12467	12.34	1 1-	4ACSR	0	0	271	118	8	1	1	0.00	5.25	0
CO12469	CO12467	12.34	7 1-	4ACSR	0	0	271	118	48	6	5	0.01	5.26	0
CO12468	CO12469	12.44	4 1-	4ACSR	0	0	268	117	27	3	3	0.02	5.28	0
CO12369	CO12468	12.47	3 1-	4ACSR	0	0	267	117	21	2	2	0.00	5.28	0
CO862760047	CO12369	12.54	2 1-	2ACSR	0	0	266	117	0	0	0	0.00	5.28	0
CO12344	CO12321	11.90	2 1-	4ACSR	0	0	284	120	8	1	1	0.01	5.02	0
CO12343	CO12320	11.65	1 1-	4ACSR	0	0	292	122	3	0	0	0.00	4.97	0
CO12342	CO12374	11.59	1 1-	4ACSR	0	0	294	122	1	0	0	0.00	4.94	0
CO12340	CO12319	11.41	1 1-	4ACSR	0	0	300	123	0	0	0	0.00	4.85	0
CO12881	CO12696	11.23	4 1-	4ACSR	0	0	306	124	28	3	3	0.02	4.74	0
CO12718	CO12881	11.28	1 1-	4ACSR	0	0	304	124	1	0	0	0.00	4.74	0
CO12878	CO12881	11.30	2 1-	4ACSR	0	0	303	124	18	2	2	0.01	4.75	0
CO12880	CO12878	11.34	1 1-	4ACSR	0	0	302	124	9	1	1	0.00	4.75	0
CO12879	CO12880	11.41	1 1-	4ACSR	0	0	299	123	9	1	1	0.00	4.75	0
CO12877	CO12772	11.12	2 1-	4ACSR	0	0	310	125	17	2	2	0.01	4.66	0
CO12876	CO12877	11.19	1 1-	4ACSR	0	0	307	125	11	1	1	0.00	4.66	0
CO12716	OC-233342225	10.57	0 1-	4ACSR	0	0	330	129	0	0	0	0.00	4.21	0
CO12715	CO12852	9.78	1 1-	4ACSR	0	0	366	134	13	1	1	0.00	3.37	0
CO12714	CO12852	9.71	1 1-	4ACSR	0	0	369	134	1	0	0	0.00	3.37	0
CO12744	CO12761	9.34	2 1-	2ACSR	0	0	389	137	2	0	0	0.00	2.86	0
OC-252436320	CO12744	9.34	0 1-	20 N FUSE	0	0	389	137	0	0	0	0.00	2.86	0
CO12923	CO12761	9.31	32 1-	4ACSR	0	0	390	137	155	21	15	0.01	2.87	0
OC363	CO12923	9.31	32 1-	25 H OCR	0	0	390	137	155	21	85	0.00	2.87	0
CO-1003596680	OC363	9.46	32 1-	2ACSR	0	0	383	136	155	21	12	0.09	2.96	24
CO1973729519	CO-1003596680	9.70	32 1-	2ACSR	0	0	374	135	155	21	12	0.15	3.11	38
CO12758	CO1973729519	9.72	30 1-	4ACSR	0	0	372	135	129	17	13	0.02	3.13	4
CO12759	CO12758	9.85	29 1-	4ACSR	0	0	366	134	122	16	12	0.09	3.22	17
CO12753	CO12759	9.86	27 1-	4ACSR	0	0	365	134	111	15	11	0.01	3.23	0
CO12752	CO12753	9.91	27 1-	4ACSR	0	0	363	134	111	15	11	0.03	3.26	6
CO12757	CO12752	10.04	26 1-	4ACSR	0	0	357	133	111	15	11	0.09	3.35	16
CO12754	CO12757	10.27	26 1-	4ACSR	0	0	347	131	111	15	11	0.15	3.50	28
CO695622032	CO12754	10.33	1 1-	2ACSR	0	0	345	131	12	1	1	0.00	3.50	0
CO12756	CO12754	10.40	24 1-	4ACSR	0	0	341	130	99	13	10	0.08	3.58	13
CO12755	CO12756	10.50	23 1-	4ACSR	0	0	337	130	96	13	9	0.06	3.63	9
CO12706	CO12755	10.61	1 1-	4ACSR	0	0	332	129	8	1	1	0.00	3.64	0
CO12705	CO12755	10.62	1 1-	4ACSR	0	0	332	129	3	0	0	0.00	3.63	0
CO12751	CO12755	10.88	21 1-	4ACSR	0	0	322	127	84	11	8	0.19	3.83	27
CO17059	CO12751	10.93	20 1-	4ACSR	0	0	320	127	81	11	8	0.03	3.85	4
CO12316	CO17059	11.04	20 1-	4ACSR	0	0	316	126	81	11	8	0.06	3.91	8

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12445	CO12316	11.09	0 1-	4ACSR	0	0	314	126	0	0	0	0.00	3.91	0
CO12446	CO12445	11.13	0 1-	4ACSR	0	0	312	126	0	0	0	0.00	3.91	0
CO12398	CO12316	11.56	20 1-	4ACSR	0	0	297	123	81	11	8	0.25	4.16	34
CO12397	CO12398	11.67	20 1-	4ACSR	0	0	294	122	81	11	8	0.06	4.22	8
CO12335	CO12397	11.76	2 1-	4ACSR	0	0	291	122	9	1	1	0.00	4.22	0
CO12377	CO12397	11.78	18 1-	4ACSR	0	0	290	122	72	9	7	0.04	4.26	5
CO-2082132221	CO12377	11.86	0 1-	2ACSR	0	0	288	121	0	0	0	0.00	4.26	0
CO12378	CO12377	11.85	17 1-	4ACSR	0	0	288	121	56	7	5	0.02	4.28	0
CO12318	CO12378	12.13	2 1-	4ACSR	0	0	279	120	11	1	1	0.02	4.30	0
CO12336	CO12318	12.23	1 1-	4ACSR	0	0	277	119	10	1	1	0.00	4.30	0
CO12376	CO12318	12.21	1 1-	4ACSR	0	0	277	119	0	0	0	0.00	4.30	0
CO12475	CO12376	12.30	1 1-	4ACSR	0	0	274	119	0	0	0	0.00	4.30	0
CO12337	CO12475	12.36	1 1-	4ACSR	0	0	273	119	0	0	0	0.00	4.30	0
CO12317	CO12378	11.98	15 1-	4ACSR	0	0	284	121	45	6	4	0.04	4.32	3
CO12501	CO12317	12.08	13 1-	4ACSR	0	0	281	120	41	5	4	0.02	4.34	0
OC32944867	CO12501	12.08	13 1-	20 N FUSE	0	0	281	120	41	5	29	0.00	4.34	0
CO12500	OC32944867	12.15	11 1-	4ACSR	0	0	279	120	37	5	4	0.02	4.36	0
CO12390	CO12500	12.35	11 1-	4ACSR	0	0	273	119	37	5	4	0.04	4.40	2
CO12338	CO12390	12.43	1 1-	4ACSR	0	0	271	118	1	0	0	0.00	4.40	0
CO12403	CO12390	12.49	9 1-	4ACSR	0	0	269	118	29	4	3	0.03	4.42	0
CO12399	CO12403	12.58	9 1-	4ACSR	0	0	267	117	29	4	3	0.01	4.44	0
CO12402	CO12399	12.65	8 1-	4ACSR	0	0	265	117	17	2	2	0.00	4.44	0
CO12400	CO12402	12.72	6 1-	4ACSR	0	0	263	117	8	1	1	0.00	4.45	0
CO12401	CO12400	12.88	6 1-	4ACSR	0	0	259	116	8	1	1	0.01	4.45	0
CO12478	CO12401	12.93	2 1-	4ACSR	0	0	258	115	0	0	0	0.00	4.45	0
CO12476	CO12478	13.05	2 1-	4ACSR	0	0	255	115	0	0	0	0.00	4.45	0
CO12477	CO12476	13.15	2 1-	4ACSR	0	0	252	114	0	0	0	0.00	4.45	0
CO12379	CO12477	13.44	1 1-	4ACSR	0	0	245	113	0	0	0	0.00	4.45	0
CO12339	CO12379	13.49	1 1-	4ACSR	0	0	244	113	0	0	0	0.00	4.45	0
CO-1577574445	CO12339	13.57	1 1-	2ACSR	0	0	243	112	0	0	0	0.00	4.45	0
CO12480	CO12401	12.99	3 1-	4ACSR	0	0	256	115	4	0	0	0.00	4.45	0
CO12479	CO12480	13.03	1 1-	4ACSR	0	0	255	115	1	0	0	0.00	4.45	0
CO12380	CO12479	13.06	0 1-	4ACSR	0	0	254	115	0	0	0	0.00	4.45	0
CO12368	OC32944867	12.10	2 1-	2ACSR	0	0	281	120	4	0	0	0.00	4.34	0
CO12407	CO12317	12.12	1 1-	4ACSR	0	0	280	120	0	0	0	0.00	4.32	0
CO12404	CO12407	12.37	1 1-	4ACSR	0	0	273	118	0	0	0	0.00	4.32	0
CO12406	CO12404	12.55	0 1-	4ACSR	0	0	268	118	0	0	0	0.00	4.32	0
CO12405	CO12406	12.60	0 1-	4ACSR	0	0	266	117	0	0	0	0.00	4.32	0
CO12334	CO17059	11.04	0 1-	4ACSR	0	0	316	126	0	0	0	0.00	3.85	0
CO17058	CO12751	10.94	1 1-	2ACSR	0	0	320	127	3	0	0	0.00	3.83	0
CO12707	CO1973729519	9.76	2 1-	4ACSR	0	0	370	135	26	3	3	0.01	3.12	0
CO512084185	CO12707	9.89	1 1-	2ACSR	0	0	365	134	17	2	1	0.00	3.12	0
CO12868	CO12843	8.96	2 1-	4ACSR	0	0	402	138	4	0	0	0.00	2.71	0
OC564554501	CO12868	8.96	2 1-	20 N FUSE	0	0	402	138	4	0	3	0.00	2.71	0
CO12867	OC564554501	9.01	2 1-	4ACSR	0	0	399	138	4	0	0	0.00	2.71	0
CO-1542206152	CO983237913	8.37	13 1-	2ACSR	0	0	427	141	65	8	5	0.00	2.41	0
CO1584965183	CO-1542206152	8.43	13 1-	2ACSR	0	0	424	141	65	8	5	0.02	2.43	0
CO753993259	CO1584965183	8.54	13 1-	2ACSR	0	0	418	140	65	8	5	0.03	2.46	3
CO12795	CO753993259	8.61	12 1-	4ACSR	0	0	414	139	56	7	5	0.02	2.48	0
CO12799	CO12795	8.69	11 1-	4ACSR	0	0	409	139	54	7	5	0.02	2.51	0
CO12798	CO12799	8.85	10 1-	4ACSR	0	0	400	138	40	5	4	0.04	2.54	2
CO12800	CO12798	8.96	10 1-	4ACSR	0	0	394	137	40	5	4	0.03	2.57	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12797	CO12800	9.02	10 1-	4ACSR	0	0	390	136	40	5	4	0.01	2.58	0
CO-839754035	CO12797	9.18	2 1-	2ACSR	0	0	383	136	9	1	1	0.00	2.58	0
CO12801	CO12797	9.13	7 1-	4ACSR	0	0	384	136	19	2	2	0.01	2.59	0
CO12796	CO12801	9.38	6 1-	4ACSR	0	0	371	134	14	1	1	0.02	2.61	0
CO12725	CO12796	9.46	2 1-	4ACSR	0	0	367	133	9	1	1	0.00	2.62	0
CO12724	CO12796	9.47	0 1-	4ACSR	0	0	367	133	0	0	0	0.00	2.61	0
CO12792	CO12796	9.70	3 1-	4ACSR	0	0	355	132	5	0	1	0.01	2.62	0
CO12793	CO12792	9.86	2 1-	4ACSR	0	0	348	131	5	0	0	0.00	2.63	0
CO12723	CO12793	9.95	2 1-	4ACSR	0	0	344	130	5	0	0	0.00	2.63	0
CO12790	CO12793	9.94	0 1-	4ACSR	0	0	345	130	0	0	0	0.00	2.63	0
CO-1340652844	CO12790	10.09	0 1-	2ACSR	0	0	340	129	0	0	0	0.00	2.63	0
SW-557047729-B	CO-1340652844	10.09	0 1-	Open	0	0	340	129	0	0	0	0.00	2.63	0
CO12794	CO753993259	8.64	1 1-	4ACSR	0	0	412	139	10	1	1	0.00	2.46	0
CO12741	CO12820	7.32	2 1-	2ACSR	0	0	478	145	15	2	1	0.00	1.74	0
OC2051765130	CO12741	7.32	0 1-	20 N FUSE	0	0	478	145	0	0	0	0.00	1.74	0
CO12732	CO12701	6.92	2 1-	4ACSR	0	0	499	147	18	2	2	0.01	1.43	0
CO1807282985	CO12732	7.03	1 1-	2ACSR	0	0	491	146	7	0	1	0.00	1.43	0
CO12731	CO12701	6.92	2 1-	4ACSR	0	0	499	146	10	1	1	0.00	1.42	0
OC1264733487	CO12731	6.92	0 1-	20 N FUSE	0	0	499	146	0	0	0	0.00	1.42	0
CO12730	CO12701	6.95	2 1-	4ACSR	0	0	497	146	10	1	1	0.00	1.42	0
CO12729	CO12807	6.71	1 1-	4ACSR	0	0	510	147	3	0	0	0.00	1.18	0
CO12728	CO12807	6.71	3 1-	4ACSR	0	0	510	147	19	2	2	0.01	1.19	0
OC-242050385	CO12728	6.71	0 1-	20 N FUSE	0	0	510	147	0	0	0	0.00	1.19	0
CO1873688948	CO-285858254	5.93	0 1-	2ACSR	0	0	567	151	0	0	0	0.00	0.47	0
CO12931	CO12802	5.99	5 3-	4ACSR	707	671	558	150	28	1	1	0.01	0.44	0
SW944-B	CO12931	5.99	0 3-	Open	707	671	558	150	0	0	0	0.00	0.44	0
CO12722	CO12931	6.12	2 1-	4ACSR	0	0	545	149	12	1	1	0.00	0.44	0
OC2024300727	CO12722	6.12	0 1-	20 N FUSE	0	0	545	149	0	0	0	0.00	0.44	0
CO12721	CO12931	6.08	3 1-	4ACSR	0	0	548	149	16	2	2	0.00	0.44	0
OC322058959	CO12721	6.08	0 1-	20 N FUSE	0	0	548	149	0	0	0	0.00	0.44	0
CO12899	CO12700	5.64	1 1-	4ACSR	0	0	584	151	7	0	1	0.00	0.19	0
OC-1750179821	CO12899	5.64	1 1-	20 N FUSE	0	0	584	151	7	0	4	0.00	0.19	0
CO12898	OC-1750179821	5.67	1 1-	4ACSR	0	0	581	151	7	0	1	0.00	0.19	0
CO12810	OH175	5.48	9 1-	4ACSR	0	0	598	152	50	6	5	0.02	0.13	0
OC938117773	CO12810	5.48	9 1-	20 N FUSE	0	0	598	152	50	6	34	0.00	0.13	0
CO12809	OC938117773	5.51	9 1-	4ACSR	0	0	594	152	50	6	5	0.01	0.13	0
CO12726	CO12809	5.56	1 1-	4ACSR	0	0	588	151	2	0	0	0.00	0.13	0
CO12703	CO12809	5.58	7 1-	4ACSR	0	0	586	151	47	6	4	0.02	0.15	0
CO12727	CO12703	5.66	1 1-	4ACSR	0	0	577	151	11	1	1	0.00	0.15	0
CO12893	CO12703	5.63	4 1-	4ACSR	0	0	579	151	17	2	2	0.01	0.16	0
CO12895	CO12893	5.71	3 1-	4ACSR	0	0	571	150	15	2	1	0.01	0.16	0
CO12897	CO12895	5.85	2 1-	4ACSR	0	0	554	149	5	0	0	0.00	0.17	0
CO12896	CO12897	5.93	1 1-	4ACSR	0	0	546	148	5	0	0	0.00	0.17	0
CO12894	CO12895	5.74	1 1-	4ACSR	0	0	567	150	11	1	1	0.00	0.17	0
CO-1157100585	CO12894	5.83	1 1-	1/0PRIURD	0	0	561	295	11	1	1	0.00	0.17	0
CO12892	CO12893	5.67	1 1-	4ACSR	0	0	576	151	1	0	0	0.00	0.16	0
CO12891	CO12703	5.62	2 1-	4ACSR	0	0	580	151	20	2	2	0.00	0.16	0
CO12890	CO12891	5.65	1 1-	4ACSR	0	0	578	151	13	1	1	0.00	0.16	0
CO13342	CO13172	4.71	26 1-	4ACSR	0	0	667	155	117	16	12	0.00	8.84	0
OC380	CO13342	4.71	26 1-	35 L OCR	0	0	667	155	117	16	48	0.00	8.84	0
CO13343	OC380	4.79	26 1-	4ACSR	0	0	655	154	117	16	12	0.06	8.90	12
CO13254	CO13343	4.93	26 1-	4ACSR	0	0	635	153	117	16	12	0.10	9.00	21

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX L LG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13179	CO13254	4.97	23 1-	4ACSR	0	0	628	153	105	15	11	0.03	9.03	6
CO13173	CO13179	5.03	19 1-	4ACSR	0	0	620	152	87	12	9	0.03	9.06	5
CO13174	CO13173	5.09	18 1-	4ACSR	0	0	612	152	84	12	9	0.03	9.09	4
CO13261	CO13174	5.26	17 1-	4ACSR	0	0	590	150	78	11	8	0.08	9.18	12
CO13262	CO13261	5.31	17 1-	4ACSR	0	0	583	150	78	11	8	0.02	9.20	3
CO13175	CO13262	5.46	11 1-	4ACSR	0	0	566	148	48	6	5	0.04	9.24	4
OC-1470853959	CO13175	5.46	11 1-	20 N FUSE	0	0	566	148	48	6	34	0.00	9.24	0
CO13271	OC-1470853959	5.55	2 1-	4ACSR	0	0	555	148	5	0	1	0.00	9.25	0
CO13272	CO13271	5.59	1 1-	4ACSR	0	0	551	147	5	0	0	0.00	9.25	0
CO13269	OC-1470853959	5.51	9 1-	4ACSR	0	0	560	148	43	6	4	0.01	9.26	0
CO13270	CO13269	5.60	9 1-	4ACSR	0	0	550	147	43	6	4	0.02	9.28	0
CO13176	CO13270	5.73	7 1-	4ACSR	0	0	536	146	29	4	3	0.02	9.31	0
CO13177	CO13176	5.87	6 1-	4ACSR	0	0	521	145	23	3	2	0.02	9.33	0
CO13217	CO13177	5.94	1 1-	4ACSR	0	0	514	144	12	1	1	0.00	9.33	0
CO13178	CO13177	5.92	5 1-	4ACSR	0	0	517	145	10	1	1	0.00	9.33	0
CO13276	CO13178	6.00	4 1-	4ACSR	0	0	508	144	1	0	0	0.00	9.33	0
CO13277	CO13276	6.08	3 1-	4ACSR	0	0	501	143	1	0	0	0.00	9.33	0
CO13219	CO13277	6.13	2 1-	4ACSR	0	0	496	143	1	0	0	0.00	9.33	0
CO13350	CO13277	6.36	0 1-	4ACSR	0	0	476	141	0	0	0	0.00	9.33	0
SW76892312-B	CO13350	6.36	0 1-	Closed	0	0	476	141	0	0	0	0.00	9.33	0
SW76892312-A	SW76892312-B	6.36	0 1-	Closed	0	0	476	141	0	0	0	0.00	9.33	0
CO13341	SW76892312-A	6.36	0 1-	4ACSR	0	0	476	141	0	0	0	0.00	9.33	0
CO13218	CO13178	5.96	1 1-	4ACSR	0	0	512	144	9	1	1	0.00	9.33	0
CO13216	CO13176	5.78	1 1-	4ACSR	0	0	531	146	6	0	1	0.00	9.31	0
CO13274	CO13270	5.98	2 1-	4ACSR	0	0	511	144	14	2	1	0.03	9.32	0
CO13275	CO13274	6.03	2 1-	2ACSR	0	0	506	144	14	2	1	0.00	9.32	0
CO2018946126	CO13275	6.17	0 1-	2ACSR	0	0	497	143	0	0	0	0.00	9.32	0
CO-1889788380	CO13275	6.19	1 1-	2ACSR	0	0	495	143	8	1	1	0.00	9.33	0
CO13273	CO-1889788380	6.31	1 1-	4ACSR	0	0	484	142	8	1	1	0.01	9.33	0
CO17077	CO13273	6.62	1 1-	4ACSR	0	0	459	140	8	1	1	0.01	9.34	0
CO1830513316	CO17077	6.62	0 1-	2ACSR	0	0	459	140	0	0	0	0.00	9.34	0
SW-557047729-A	CO1830513316	6.62	0 1-	Open	0	0	459	140	0	0	0	0.00	9.34	0
CO13263	CO13262	5.57	5 1-	4ACSR	0	0	553	147	13	1	1	0.02	9.22	0
CO13264	CO13263	5.74	4 1-	4ACSR	0	0	535	146	12	1	1	0.01	9.23	0
CO13265	CO13264	5.77	3 1-	4ACSR	0	0	531	146	11	1	1	0.00	9.24	0
CO13266	CO13265	5.81	2 1-	4ACSR	0	0	527	146	11	1	1	0.00	9.24	0
CO13215	CO13266	5.87	1 1-	4ACSR	0	0	521	145	7	1	1	0.00	9.24	0
CO13267	CO13266	5.84	1 1-	4ACSR	0	0	524	145	4	0	0	0.00	9.24	0
CO13268	CO13267	5.87	1 1-	4ACSR	0	0	521	145	4	0	0	0.00	9.24	0
CO13214	CO13174	5.18	1 1-	4ACSR	0	0	600	151	5	0	1	0.00	9.09	0
CO13213	CO13173	5.12	1 1-	4ACSR	0	0	608	151	4	0	0	0.00	9.06	0
CO13259	CO13179	5.11	2 1-	4ACSR	0	0	610	151	12	1	1	0.01	9.04	0
CO13211	CO13259	5.13	1 1-	4ACSR	0	0	607	151	4	0	0	0.00	9.04	0
CO13260	CO13259	5.13	1 1-	4ACSR	0	0	607	151	8	1	1	0.00	9.04	0
CO13257	CO13179	5.00	1 1-	4ACSR	0	0	624	152	6	0	1	0.00	9.03	0
CO13258	CO13257	5.02	0 1-	4ACSR	0	0	622	152	0	0	0	0.00	9.03	0
CO13212	CO13257	5.02	1 1-	4ACSR	0	0	622	152	6	0	1	0.00	9.03	0
CO13255	CO13254	4.96	3 1-	4ACSR	0	0	631	153	11	1	1	0.00	9.00	0
CO13256	CO13255	5.00	1 1-	4ACSR	0	0	624	152	10	1	1	0.00	9.00	0
CO13244	CO13170	4.22	2 1-	4ACSR	0	0	752	160	5	0	0	0.00	7.02	0
OC-1335743412	CO13244	4.22	0 1-	20 N FUSE	0	0	752	160	0	0	0	0.00	7.02	0
CO13245	OC-1335743412	4.27	0 1-	4ACSR	0	0	743	159	0	0	0	0.00	7.02	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13208	CO13245	4.31	0 1-	4ACSR	0	0	735	159	0	0	0	0.00	7.02	0
CO13246	CO13245	4.39	0 1-	4ACSR	0	0	720	158	0	0	0	0.00	7.02	0
CO13240	CO13345	3.91	6 1-	4ACSR	0	0	813	162	18	2	2	0.01	5.96	0
CO13242	CO13240	3.96	3 1-	4ACSR	0	0	803	162	14	1	1	0.00	5.97	0
CO13243	CO13242	4.01	1 1-	4ACSR	0	0	793	162	5	0	0	0.00	5.97	0
CO13241	CO13240	4.20	1 1-	4ACSR	0	0	756	160	0	0	0	0.00	5.96	0
CO13234	CO13232	3.16	1 1-	4ACSR	0	0	962	167	5	0	1	0.00	4.82	0
OC707057378	CO13234	3.16	1 1-	20 N FUSE	0	0	962	167	5	0	4	0.00	4.82	0
CO13235	OC707057378	3.24	1 1-	4ACSR	0	0	939	166	5	0	1	0.00	4.82	0
CO13207	CO17080	2.59	3 1-	4ACSR	0	0	1127	172	13	1	1	0.00	3.31	0
OC466197715	CO13207	2.59	2 1-	20 N FUSE	0	0	1127	172	4	0	3	0.00	3.31	0
CO13228	OC466197715	2.82	2 1-	4ACSR	0	0	1050	169	4	0	0	0.00	3.32	0
CO13229	CO13228	2.93	0 1-	4ACSR	0	0	1016	168	0	0	0	0.00	3.32	0
CO13206	CO17080	2.59	1 1-	4ACSR	0	0	1128	172	10	1	1	0.00	3.31	0
OC713457489	CO13206	2.59	0 1-	20 N FUSE	0	0	1128	172	0	0	0	0.00	3.31	0
CO15229	CO15174	2.27	0 1-	4ACSR	0	0	1242	175	0	0	0	0.00	2.28	0
OC530132429	CO15229	2.27	0 1-	20 N FUSE	0	0	1242	175	0	0	0	0.00	2.28	0
CO15226	CO15395	2.21	1 1-	4ACSR	0	0	1265	176	4	0	0	0.00	2.09	0
OC-2058220891	CO15226	2.21	0 1-	20 N FUSE	0	0	1265	176	0	0	0	0.00	2.09	0
CO15215+	CO15166	1.29	2 1-	4ACSR	0	0	2294	346	5	0	0	0.00	0.38	0
OC1852922802+	CO15215	1.29	0 1-	20 N FUSE	0	0	2294	346	0	0	0	0.00	0.38	0
CO15510+	CO15507	0.02	1133 3-	750 MCM - 42 Wi	3059	3095	3113	357	5992	134	12	0.00	0.01	8
Cowan+	CO15510	0.02	1133 3-	VWVE	3059	3095	3113	357	5992	134	17	0.00	0.01	0
CO15350+	Cowan	0.05	1133 3-	4/0ACSR	3043	3072	3088	357	5992	134	40	0.02	0.03	166
CO15349+	CO15350	0.08	1133 3-	4/0ACSR	3025	3045	3059	357	5991	134	40	0.02	0.05	192
CO1700771639+	CO15349	0.12	0 3-	1/0PRIURD	3023	3033	3034	909	0	0	0	0.00	0.05	0
CO15347+	CO15349	0.14	1133 3-	4/0ACSR	2996	3007	3015	357	5990	134	40	0.04	0.09	306
CO15348+	CO15347	0.17	1133 3-	4/0ACSR	2984	2994	2997	356	5988	134	40	0.02	0.11	123
CO15513+	CO15348	0.21	1133 3-	4/0ACSR	2963	2969	2964	356	5988	134	40	0.03	0.14	233
SW457-B+	CO15513	0.21	1133 3-	Closed	2963	2969	2964	356	5987	134	0	0.00	0.14	0
SW457-A+	SW457-B	0.21	1133 3-	Closed	2963	2969	2964	356	5987	134	0	0.00	0.14	0
CO15514+	SW457-A	0.27	1133 3-	4/0ACSR	2933	2935	2919	356	5987	134	40	0.04	0.18	330
CO15351+	CO15514	0.33	1133 3-	4/0ACSR	2906	2905	2879	355	5985	134	40	0.04	0.22	293
CO15352+	CO15351	0.47	1133 3-	4/0ACSR	2843	2833	2787	355	5984	134	40	0.09	0.31	722
CO15515+	CO15352	0.48	28 1-	4ACSR	0	0	2781	354	168	11	8	0.00	0.31	0
OC464+	CO15515	0.48	28 1-	70 4E OCR	0	0	2781	354	168	11	16	0.00	0.31	0
CO15516+	OC464	0.53	28 1-	4ACSR	0	0	2734	353	168	11	8	0.01	0.32	4
CO15244+	CO15516	0.56	1 1-	4ACSR	0	0	2707	352	7	0	0	0.00	0.32	0
CO15393+	CO15516	0.56	27 1-	4ACSR	0	0	2710	352	161	10	8	0.01	0.33	0
CO15392+	CO15393	0.63	24 1-	4ACSR	0	0	2648	351	130	8	6	0.01	0.34	3
CO15452+	CO15392	0.64	2 1-	4ACSR	0	0	2640	351	4	0	0	0.00	0.34	0
CO15451+	CO15452	0.79	0 1-	4ACSR	0	0	2512	347	0	0	0	0.00	0.34	0
CO15354+	CO15392	0.71	20 1-	4ACSR	0	0	2580	349	119	8	6	0.01	0.36	3
CO15353+	CO15354	0.80	20 1-	4ACSR	0	0	2504	347	119	8	6	0.02	0.38	3
CO15237+	CO15353	0.84	1 1-	4ACSR	0	0	2473	346	4	0	0	0.00	0.38	0
CO15236+	CO15353	0.90	2 1-	4ACSR	0	0	2425	345	16	1	1	0.00	0.38	0
CO15358+	CO15353	0.96	17 1-	4ACSR	0	0	2377	344	99	6	5	0.02	0.40	4
CO723226138+	CO15358	1.00	2 1-	2ACSR	0	0	2348	343	13	0	1	0.00	0.40	0
CO15356+	CO15358	1.02	14 1-	4ACSR	0	0	2328	342	83	5	4	0.01	0.41	0
CO15355+	CO15356	1.07	13 1-	4ACSR	0	0	2289	341	76	5	4	0.01	0.41	0
CO1588079153+	CO15355	1.14	1 1-	2ACSR	0	0	2244	340	9	0	0	0.00	0.41	0

Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15357+	CO15355	1.22	11 1-	4ACSR	0	0	2176	338	61	4	3	0.01	0.43	0
CO15235+	CO15357	1.26	3 1-	4ACSR	0	0	2149	337	14	0	1	0.00	0.43	0
CO15362+	CO15357	1.26	6 1-	4ACSR	0	0	2149	337	39	2	2	0.00	0.43	0
CO15359+	CO15362	1.36	5 1-	4ACSR	0	0	2083	335	27	1	1	0.00	0.43	0
CO15361+	CO15359	1.50	4 1-	4ACSR	0	0	1990	332	26	1	1	0.00	0.44	0
CO15360+	CO15361	1.54	2 1-	4ACSR	0	0	1966	331	12	0	1	0.00	0.44	0
CO15450+	CO15360	1.64	1 1-	4ACSR	0	0	1903	329	12	0	1	0.00	0.44	0
CO15449+	CO15450	1.79	1 1-	4ACSR	0	0	1816	326	12	0	1	0.00	0.44	0
CO15234+	CO15360	1.65	1 1-	4ACSR	0	0	1897	329	0	0	0	0.00	0.44	0
CO15255+	CO15358	1.00	1 1-	2ACSR	0	0	2351	343	3	0	0	0.00	0.40	0
CO15238+	CO15392	0.69	2 1-	4ACSR	0	0	2600	350	7	0	0	0.00	0.34	0
CO15175+	CO15352	0.52	1105 3-	4/0ACSR	2822	2810	2756	354	5813	131	39	0.03	0.34	234
CO15364+	CO15175	0.61	1101 3-	4/0ACSR	2782	2764	2698	354	5786	130	38	0.06	0.40	451
CO15363+	CO15364	0.67	1100 3-	4/0ACSR	2757	2735	2662	353	5777	130	38	0.04	0.44	290
CO15367+	CO15363	0.82	1097 3-	4/0ACSR	2694	2664	2574	352	5772	130	38	0.10	0.53	737
CO15365+	CO15367	0.84	1095 3-	4/0ACSR	2686	2656	2563	352	5752	129	38	0.01	0.54	93
CO15493+	CO15365	0.95	14 1-	2ACSR	0	0	2490	351	126	8	5	0.01	0.56	3
CO15491+	CO15493	1.00	14 1-	2ACSR	0	0	2457	350	126	8	5	0.01	0.56	0
CO15247+	CO15491	1.00	1 1-	2ACSR	0	0	2451	350	13	0	0	0.00	0.56	0
CO15496+	CO15491	1.05	4 1-	2ACSR	0	0	2419	349	45	3	2	0.00	0.57	0
CO15495+	CO15496	1.09	3 1-	2ACSR	0	0	2396	348	32	2	1	0.00	0.57	0
CO15257+	CO15495	1.17	0 1-	1/0PRIURD	0	0	2356	842	0	0	0	0.00	0.57	0
CO15497+	CO15495	1.12	1 1-	2ACSR	0	0	2377	348	15	1	1	0.00	0.57	0
CO15494+	CO15497	1.15	1 1-	2ACSR	0	0	2360	347	15	1	1	0.00	0.57	0
CO15492+	CO15491	1.04	9 1-	2ACSR	0	0	2426	349	68	4	3	0.00	0.57	0
CO17193+	CO15492	1.11	6 1-	2ACSR	0	0	2380	348	52	3	2	0.00	0.57	0
CO15937+	CO17193	1.15	6 1-	1/0PRIURD	0	0	2361	843	52	3	2	0.00	0.57	0
CO15938+	CO15937	1.22	4 1-	1/0PRIURD	0	0	2323	837	35	2	2	0.00	0.57	0
CO17194+	CO15938	1.29	1 1-	1/0PRIURD	0	0	2288	832	10	0	0	0.00	0.57	0
CO15366+	CO15365	0.90	1081 3-	4/0ACSR	2663	2630	2532	352	5626	127	37	0.04	0.58	263
CO15176+	CO15366	1.12	1081 3-	4/0ACSR	2575	2532	2413	350	5625	127	37	0.14	0.72	1055
CO15177+	CO15176	1.41	1075 3-	4/0ACSR	2473	2417	2278	349	5587	126	37	0.18	0.90	1303
CO17180+	CO15177	1.55	4 1-	4ACSR	0	0	2188	345	16	1	1	0.00	0.90	0
CO15890+	CO17180	1.61	1 1-	4ACSR	0	0	2153	344	0	0	0	0.00	0.90	0
CO15936+	CO17180	1.60	2 1-	4ACSR	0	0	2159	344	13	0	1	0.00	0.90	0
CO15892+	CO15936	1.65	1 1-	4ACSR	0	0	2125	343	12	0	1	0.00	0.90	0
CO15891+	CO15936	1.69	1 1-	4ACSR	0	0	2102	342	0	0	0	0.00	0.90	0
CO15368+	CO15177	1.48	1070 3-	4/0ACSR	2446	2389	2245	348	5564	125	37	0.05	0.94	344
CO15369+	CO15368	1.56	1068 3-	4/0ACSR	2421	2360	2212	348	5544	125	37	0.05	0.99	343
CO15935+	CO15369	1.59	1068 3-	4/0ACSR	2410	2349	2199	347	5542	125	37	0.02	1.01	145
CO15870+	CO15935	1.68	1066 3-	4/0ACSR	2382	2318	2164	347	5526	125	37	0.05	1.06	384
CO15934+	CO15870	1.81	1063 3-	4/0ACSR	2337	2269	2108	346	5500	124	37	0.08	1.15	620
CO17243+	CO15934	1.96	1060 3-	4/0ACSR	2292	2221	2054	345	5487	124	37	0.09	1.23	644
CO15163+	CO17243	2.08	1056 3-	4/0ACSR	2256	2181	2009	344	5458	123	36	0.07	1.31	542
CO15295+	CO15163	2.17	1055 3-	4/0ACSR	2231	2154	1980	344	5447	123	36	0.05	1.36	367
CO15294+	CO15295	2.32	1053 3-	4/0ACSR	2188	2108	1929	343	5431	123	36	0.09	1.45	669
CO15275+	CO15294	2.38	14 1-	2ACSR	0	0	1905	342	77	5	3	0.00	1.45	0
CO15274+	CO15275	2.45	14 1-	2ACSR	0	0	1873	341	77	5	3	0.01	1.46	0
CO15187+	CO15274	2.52	3 1-	2ACSR	0	0	1846	340	16	1	1	0.00	1.46	0
CO15269+	CO15274	2.62	11 1-	2ACSR	0	0	1805	338	62	4	2	0.01	1.47	0
CO15271+	CO15269	2.82	8 1-	2ACSR	0	0	1729	335	37	2	1	0.01	1.48	0
CO15273+	CO15271	2.86	6 1-	2ACSR	0	0	1716	335	26	1	1	0.00	1.48	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15272+	CO15273	2.89	6 1-	2ACSR	0	0	1704	334	26	1	1	0.00	1.48	0
CO15270+	CO15272	2.94	5 1-	2ACSR	0	0	1687	334	26	1	1	0.00	1.48	0
CO15403+	CO15270	3.00	2 1-	2ACSR	0	0	1667	333	8	0	0	0.00	1.48	0
CO15400+	CO15403	3.03	0 1-	2ACSR	0	0	1655	332	0	0	0	0.00	1.48	0
CO15402+	CO15400	3.31	0 1-	2ACSR	0	0	1564	328	0	0	0	0.00	1.48	0
CO15401+	CO15402	3.46	0 1-	2ACSR	0	0	1519	326	0	0	0	0.00	1.48	0
CO15189+	CO15270	3.00	1 1-	2ACSR	0	0	1667	333	9	0	0	0.00	1.48	0
CO15188+	CO15270	2.98	2 1-	2ACSR	0	0	1673	333	9	0	0	0.00	1.48	0
CO15191+	CO15294	2.36	2 1-	4ACSR	0	0	1911	342	33	2	2	0.00	1.45	0
CO15162+	CO15294	2.38	1034 3-	4/0ACSR	2172	2091	1910	343	5279	119	35	0.03	1.48	235
CO15190+	CO15162	2.41	1 1-	4ACSR	0	0	1892	342	6	0	0	0.00	1.48	0
CO15292+	CO15162	2.58	1033 3-	4/0ACSR	2117	2032	1847	341	5272	119	35	0.12	1.60	847
CO15291+	CO15292	2.74	1031 3-	4/0ACSR	2077	1989	1801	340	5267	119	35	0.09	1.69	644
CO15293+	CO15291	2.80	1030 3-	4/0ACSR	2061	1972	1783	340	5255	119	35	0.04	1.73	264
CO15399+	CO15293	2.95	3 1-	4ACSR	0	0	1719	337	8	0	0	0.00	1.73	0
CO17192+	CO15399	3.10	2 1-	4ACSR	0	0	1660	333	8	0	0	0.00	1.73	0
CO15932+	CO17192	3.29	1 1-	2ACSR	0	0	1598	331	0	0	0	0.00	1.73	0
CO15161+	CO15293	3.03	1027 3-	4/0ACSR	2005	1914	1721	338	5246	119	35	0.13	1.86	930
CO15290+	CO15161	3.11	1019 3-	4/0ACSR	1988	1896	1701	338	5202	118	35	0.04	1.90	305
CO15289+	CO15290	3.18	1019 3-	4/0ACSR	1970	1877	1682	337	5201	118	35	0.04	1.95	305
CO15398+	CO15289	3.28	0 1-	4ACSR	0	0	1646	335	0	0	0	0.00	1.95	0
CO15397+	CO15398	3.35	0 1-	4ACSR	0	0	1618	334	0	0	0	0.00	1.95	0
CO15186+	CO15289	3.23	1 1-	4ACSR	0	0	1664	336	12	0	1	0.00	1.95	0
CO15288+	CO15289	3.42	1018 3-	4/0ACSR	1917	1822	1625	336	5188	118	35	0.13	2.08	950
CO15287+	CO15288	3.68	1018 3-	4/0ACSR	1861	1764	1565	334	5183	118	35	0.15	2.23	1064
CO17187+	CO15287	4.08	1018 3-	4/0ACSR	1783	1683	1483	332	5178	118	35	0.23	2.46	1594
CO16232+	CO17187	4.10	210 3-	1/0ACSR	1779	1679	1479	332	1057	24	11	0.00	2.46	6
CO16233+	CO16232	4.13	209 3-	1/0ACSR	1772	1672	1472	331	1052	24	11	0.01	2.47	10
CO17190+	CO16233	4.24	209 3-	1/0ACSR	1747	1646	1446	330	1052	24	11	0.02	2.49	37
CO15284+	CO17190	4.32	205 3-	1/0ACSR	1730	1629	1429	329	1023	23	10	0.02	2.51	24
CO15498+	CO15284	4.37	1 1-	2/0ACSR	0	0	1417	329	1	0	0	0.00	2.51	0
CO17195+	CO15498	4.43	1 1-	2/0ACSR	0	0	1407	328	1	0	0	0.00	2.51	0
CO15283+	CO15284	4.49	204 3-	1/0ACSR	1694	1591	1392	328	1022	23	10	0.04	2.54	54
CO15196+	CO15283	4.54	1 1-	4ACSR	0	0	1377	327	4	0	0	0.00	2.54	0
CO15277+	CO15283	4.53	202 3-	1/0ACSR	1686	1583	1385	327	1015	23	10	0.01	2.55	12
CO15276+	CO15277	4.57	202 3-	1/0ACSR	1676	1573	1375	327	1015	23	10	0.01	2.56	15
CO15406+	CO15276	4.64	1 1-	4ACSR	0	0	1357	325	0	0	0	0.00	2.56	0
CO15408+	CO15406	4.71	0 1-	4ACSR	0	0	1339	324	0	0	0	0.00	2.56	0
CO15407+	CO15408	4.89	0 1-	4ACSR	0	0	1290	320	0	0	0	0.00	2.56	0
CO15279+	CO15276	4.82	201 3-	1/0ACSR	1627	1522	1326	324	1015	23	10	0.05	2.61	78
CO15278+	CO15279	4.98	200 3-	1/0ACSR	1596	1491	1296	323	1014	23	10	0.03	2.64	49
CO15280+	CO15278	5.01	199 3-	1/0ACSR	1590	1485	1291	323	1014	23	10	0.01	2.65	10
CO15159+	CO15280	5.22	197 3-	1/0ACSR	1552	1446	1253	320	1008	23	10	0.04	2.69	65
CO15282+	CO15159	5.26	196 3-	1/0ACSR	1545	1439	1247	320	1006	23	10	0.01	2.70	12
CO15281+	CO15282	5.31	195 3-	1/0ACSR	1535	1429	1237	320	996	22	10	0.01	2.71	17
CO17186+	CO15281	5.60	1 1-	750 MCM - 42 wi	0	0	1210	319	2	0	0	0.00	2.71	0
CO15286+	CO15281	5.43	194 3-	1/0ACSR	1513	1407	1217	318	993	22	10	0.02	2.74	37
CO15285+	CO15286	5.49	194 3-	1/0ACSR	1504	1397	1208	318	993	22	10	0.01	2.75	17
CO15160+	CO15285	5.55	193 3-	1/0ACSR	1494	1388	1198	317	988	22	10	0.01	2.76	17
CO15210+	CO15160	5.60	1 1-	4ACSR	0	0	1186	316	1	0	0	0.00	2.76	0
CO15317+	CO15160	5.68	191 3-	1/0ACSR	1472	1365	1178	316	977	22	10	0.03	2.78	39
CO17090+	CO15317	5.76	191 3-	1/0ACSR	1459	1355	1166	315	977	22	10	0.01	2.80	22

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13336+	CO17090	5.87	191 3-	1/0ACSR	1441	1338	1149	314	977	22	10	0.02	2.82	33
CO13337+	CO13336	5.89	191 3-	1/0ACSR	1438	1335	1146	314	977	22	10	0.00	2.83	6
CO1779704199+	CO13337	6.09	189 3-	2ACSR	1401	1303	1113	311	965	22	12	0.06	2.88	90
CO-946732367+	CO1779704199	6.20	1 1-	2ACSR	0	0	1095	310	9	0	0	0.00	2.88	0
CO-2138088450+	CO1779704199	6.29	188 3-	2ACSR	1366	1271	1081	309	956	22	12	0.06	2.94	91
CO17089+	CO-2138088450	6.35	188 3-	1/0ACSR	1357	1263	1073	308	956	22	10	0.01	2.95	17
CO14143+	CO17089	6.37	188 3-	1/0ACSR	1354	1261	1070	308	955	22	10	0.00	2.96	5
CO14195+	CO14143	6.40	187 3-	1/0ACSR	1350	1257	1067	308	950	21	10	0.01	2.96	8
CO14196+	CO14195	6.50	187 3-	1/0ACSR	1337	1245	1055	307	950	21	10	0.02	2.98	26
CO14142+	CO14196	6.67	183 3-	1/0ACSR	1313	1223	1034	305	929	21	9	0.03	3.01	45
CO14141+	CO14142	6.80	179 3-	1/0ACSR	1295	1207	1018	304	921	21	9	0.02	3.04	35
CO14140+	CO14141	7.25	178 3-	1/0ACSR	1238	1154	967	300	920	21	9	0.08	3.12	118
CO14213+	CO14140	7.39	176 3-	1/0ACSR	1222	1139	953	299	905	20	9	0.02	3.15	33
CO14214+	CO14213	7.49	175 3-	1/0ACSR	1210	1129	943	298	903	20	9	0.02	3.17	25
CO14215+	CO14214	7.77	174 3-	1/0ACSR	1177	1098	915	296	891	20	9	0.05	3.22	71
CO14218+	CO14215	7.83	171 3-	1/0ACSR	1171	1093	910	295	880	20	9	0.01	3.23	13
CO14219+	CO14218	7.86	169 3-	1/0ACSR	1168	1090	907	295	867	20	9	0.01	3.23	7
CO14139+	CO14219	7.94	168 3-	1/0ACSR	1160	1082	900	294	867	20	9	0.01	3.25	17
CO14220+	CO14139	7.98	3 1-	4ACSR	0	0	893	293	12	0	1	0.00	3.25	0
CO14221+	CO14220	8.05	2 1-	4ACSR	0	0	885	292	11	0	1	0.00	3.25	0
CO14138+	CO14139	7.98	163 3-	1/0ACSR	1155	1078	895	294	838	19	8	0.01	3.25	10
CO14137+	CO14138	8.19	111 3-	1/0ACSR	1133	1058	876	292	544	12	5	0.02	3.28	19
CO14233+	CO14137	8.25	109 3-	1/0ACSR	1126	1052	871	292	533	12	5	0.01	3.28	6
CO14234+	CO14233	8.32	108 3-	1/0ACSR	1119	1045	865	291	531	12	5	0.01	3.29	6
CO14144+	CO14234	8.35	33 1-	4ACSR	0	0	861	290	151	10	7	0.01	3.30	0
CO14317+	CO14144	8.36	33 1-	4ACSR	0	0	861	290	150	10	7	0.00	3.30	0
OC411+	CO14317	8.36	33 1-	25 H OCR	0	0	861	290	150	10	42	0.00	3.30	0
XFMR29	OC411	8.36	33 1-	333 KVA 1PH AUT	0	0	792	168	150	10	45	0.37	3.67	0
CO14318	XFMR29	8.38	33 1-	4ACSR	0	0	788	168	150	20	15	0.02	3.69	5
CO17100	CO14318	8.70	31 1-	4ACSR	0	0	737	165	150	20	15	0.30	3.98	73
CO13829	CO17100	8.84	31 1-	4ACSR	0	0	715	163	149	20	15	0.13	4.12	32
CO13883	CO13829	8.89	30 1-	4ACSR	0	0	707	163	138	19	14	0.04	4.16	10
CO13882	CO13883	8.98	29 1-	4ACSR	0	0	695	162	134	18	13	0.07	4.23	15
CO13805	CO13882	9.09	1 1-	4ACSR	0	0	679	161	2	0	0	0.00	4.23	0
CO13795	CO13882	9.05	28 1-	4ACSR	0	0	684	161	132	18	13	0.06	4.29	13
CO13806	CO13795	9.12	0 1-	4ACSR	0	0	675	161	0	0	0	0.00	4.29	0
CO13794	CO13795	9.14	26 1-	4ACSR	0	0	672	160	122	16	12	0.07	4.36	13
CO13885	CO13794	9.26	1 1-	4ACSR	0	0	656	159	0	0	0	0.00	4.36	0
CO13884	CO13885	9.46	0 1-	4ACSR	0	0	629	157	0	0	0	0.00	4.36	0
CO13819	CO13884	9.74	0 1-	4ACSR	0	0	594	155	0	0	0	0.00	4.36	0
CO13878	CO13794	9.17	25 1-	4ACSR	0	0	667	160	121	16	12	0.02	4.38	5
CO13877	CO13878	9.43	23 1-	4ACSR	0	0	633	158	117	16	12	0.18	4.57	34
CO13874	CO13877	9.59	13 1-	4ACSR	0	0	613	156	55	7	6	0.05	4.62	5
CO13873	CO13874	9.75	12 1-	4ACSR	0	0	593	155	50	7	5	0.05	4.67	4
CO13811	CO13873	9.79	1 1-	4ACSR	0	0	589	154	0	0	0	0.00	4.67	0
CO13876	CO13873	9.79	11 1-	4ACSR	0	0	589	154	50	7	5	0.01	4.68	0
CO13875	CO13876	9.89	10 1-	4ACSR	0	0	578	153	47	6	5	0.03	4.71	0
CO13812	CO13875	9.93	1 1-	4ACSR	0	0	573	153	0	0	0	0.00	4.71	0
CO13865	CO13875	10.02	8 1-	4ACSR	0	0	564	152	33	4	3	0.03	4.74	0
CO13833	CO13865	10.05	1 1-	4ACSR	0	0	560	152	4	0	0	0.00	4.74	0
CO13834	CO13833	10.16	1 1-	4ACSR	0	0	548	151	4	0	0	0.00	4.74	0
CO13866	CO13865	10.07	7 1-	4ACSR	0	0	559	152	29	4	3	0.01	4.74	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13886	CO13866	10.20	6 1-	4ACSR	0	0	544	151	28	3	3	0.02	4.76	0
CO13814	CO13886	10.26	1 1-	2ACSR	0	0	539	150	1	0	0	0.00	4.76	0
CO13887	CO13886	10.26	4 1-	4ACSR	0	0	538	150	18	2	2	0.01	4.77	0
CO13861	CO13887	10.31	3 1-	4ACSR	0	0	534	150	18	2	2	0.01	4.78	0
CO13862	CO13861	10.41	3 1-	4ACSR	0	0	524	149	18	2	2	0.01	4.78	0
CO13863	CO13862	10.48	1 1-	4ACSR	0	0	517	148	7	0	1	0.00	4.79	0
CO13864	CO13863	10.57	0 1-	4ACSR	0	0	509	147	0	0	0	0.00	4.79	0
CO13796	CO13877	9.58	9 1-	4ACSR	0	0	614	156	50	7	5	0.04	4.61	3
CO13808	CO13796	9.66	1 1-	4ACSR	0	0	604	155	12	1	1	0.00	4.61	0
CO13830	CO13796	9.64	6 1-	4ACSR	0	0	607	156	28	3	3	0.01	4.62	0
CO13820	CO13830	9.68	6 1-	4ACSR	0	0	602	155	28	3	3	0.01	4.63	0
CO13821	CO13820	10.08	5 1-	4ACSR	0	0	557	152	25	3	2	0.06	4.69	3
CO13797	CO13821	10.15	2 1-	4ACSR	0	0	549	151	12	1	1	0.01	4.70	0
CO13831	CO13797	10.27	2 1-	4ACSR	0	0	537	150	12	1	1	0.01	4.70	0
CO13832	CO13831	10.38	2 1-	4ACSR	0	0	527	149	12	1	1	0.00	4.71	0
CO13809	CO13797	10.24	0 1-	4ACSR	0	0	541	150	0	0	0	0.00	4.70	0
CO13810	CO13821	10.15	3 1-	4ACSR	0	0	550	151	13	1	1	0.00	4.69	0
CO13807	CO13794	9.31	0 1-	4ACSR	0	0	649	159	0	0	0	0.00	4.36	0
CO14165	CO14318	8.57	2 1-	4ACSR	0	0	757	166	1	0	0	0.00	3.69	0
CO485132026	CO14165	8.64	1 1-	2ACSR	0	0	748	166	0	0	0	0.00	3.69	0
CO14319+	CO14234	8.33	75 1-	4ACSR	0	0	864	291	381	26	19	0.00	3.30	3
OC410+	CO14319	8.33	75 1-	25 H OCR	0	0	864	291	381	26	106	0.00	3.30	0
XFMR27	OC410	8.33	75 1-	333 KVA 1PH AUT	0	0	793	168	381	26	115	0.98	4.28	0
CO14320	XFMR27	8.38	75 1-	4ACSR	0	0	785	168	381	53	38	0.12	4.40	76
CO14235	CO14320	8.48	75 1-	4ACSR	0	0	769	167	380	53	38	0.23	4.63	143
CO14236	CO14235	8.60	74 1-	4ACSR	0	0	749	166	376	52	38	0.30	4.93	185
CO14237	CO14236	8.72	71 1-	4ACSR	0	0	730	164	363	51	36	0.27	5.20	159
CO14238	CO14237	8.74	68 1-	4ACSR	0	0	727	164	351	49	35	0.04	5.24	25
CO14268	CO14238	8.95	42 1-	4ACSR	0	0	696	162	213	30	21	0.28	5.52	100
CO14269	CO14268	9.02	41 1-	4ACSR	0	0	685	161	209	29	21	0.10	5.62	34
CO14272	CO14269	9.11	39 1-	2ACSR	0	0	675	161	205	28	16	0.08	5.70	25
CO14273	CO14272	9.33	38 1-	2ACSR	0	0	650	159	203	28	16	0.19	5.89	63
CO14274	CO14273	9.39	38 1-	2ACSR	0	0	643	159	202	28	16	0.06	5.95	18
CO14275	CO14274	9.52	37 1-	2ACSR	0	0	629	158	193	27	15	0.11	6.07	35
CO14278	CO14275	9.58	35 1-	2ACSR	0	0	623	158	189	26	15	0.05	6.11	14
CO14173	CO14278	9.64	1 1-	2ACSR	0	0	617	157	14	1	1	0.00	6.11	0
CO14279	CO14278	9.67	34 1-	2ACSR	0	0	614	157	175	24	14	0.07	6.19	20
CO14281	CO14279	9.70	33 1-	2ACSR	0	0	611	157	172	24	14	0.02	6.20	5
CO14282	CO14281	9.73	32 1-	2ACSR	0	0	608	157	166	23	13	0.03	6.23	7
CO14280	CO14282	9.79	30 1-	2ACSR	0	0	603	156	151	21	12	0.04	6.26	9
CO14174	CO14280	9.86	1 1-	2ACSR	0	0	596	156	4	0	0	0.00	6.26	0
CO14283	CO14280	9.85	29 1-	2ACSR	0	0	596	156	147	20	12	0.04	6.31	10
CO14284	CO14283	9.92	29 1-	2ACSR	0	0	590	155	147	20	12	0.04	6.35	10
CO14285	CO14284	9.98	29 1-	2ACSR	0	0	585	155	147	20	12	0.04	6.39	9
CO14287	CO14285	10.20	28 1-	2ACSR	0	0	565	154	137	19	11	0.14	6.53	30
CO14152	CO14287	10.23	1 1-	4ACSR	0	0	562	153	9	1	1	0.00	6.53	0
CO14151	CO14287	10.30	1 1-	2ACSR	0	0	556	153	5	0	0	0.00	6.53	0
CO14290	CO14287	10.27	23 1-	2ACSR	0	0	559	153	111	15	9	0.03	6.56	6
CO14291	CO14290	10.37	21 1-	2ACSR	0	0	550	152	99	14	8	0.04	6.60	6
CO14289	CO14291	10.49	18 1-	2ACSR	0	0	541	152	80	11	6	0.04	6.64	5
CO14297	CO14289	10.62	6 1-	4ACSR	0	0	528	151	34	4	3	0.03	6.66	0
CO14298	CO14297	10.72	4 1-	4ACSR	0	0	519	150	31	4	3	0.02	6.68	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14296	CO14298	10.86	4 1-	4ACSR	0	0	507	149	31	4	3	0.03	6.71	0
CO14153	CO14296	10.93	1 1-	4ACSR	0	0	500	148	13	1	1	0.00	6.71	0
CO14294	CO14296	10.94	3 1-	4ACSR	0	0	499	148	18	2	2	0.01	6.72	0
CO14295	CO14294	11.02	3 1-	4ACSR	0	0	493	147	18	2	2	0.01	6.73	0
CO14154	CO14295	11.05	1 1-	4ACSR	0	0	490	147	9	1	1	0.00	6.73	0
CO14292	CO14295	11.08	2 1-	4ACSR	0	0	487	147	9	1	1	0.00	6.73	0
CO14293	CO14292	11.39	0 1-	4ACSR	0	0	463	144	0	0	0	0.00	6.73	0
CO14299	CO14289	10.51	10 1-	4ACSR	0	0	539	152	31	4	3	0.00	6.64	0
CO14300	CO14299	10.68	9 1-	4ACSR	0	0	523	150	29	4	3	0.03	6.67	0
CO14147	CO14300	10.73	2 1-	4ACSR	0	0	518	150	9	1	1	0.00	6.67	0
CO14301	CO14300	10.69	7 1-	4ACSR	0	0	521	150	20	2	2	0.00	6.67	0
CO14302	CO14301	11.06	7 1-	4ACSR	0	0	489	147	20	2	2	0.05	6.72	0
CO14148	CO14302	11.31	1 1-	4ACSR	0	0	469	145	10	1	1	0.01	6.73	0
CO14303	CO14302	11.20	6 1-	4ACSR	0	0	478	146	10	1	1	0.01	6.73	0
CO14304	CO14303	11.40	5 1-	4ACSR	0	0	462	144	9	1	1	0.01	6.74	0
CO14306	CO14304	11.42	0 1-	4ACSR	0	0	461	144	0	0	0	0.00	6.74	0
CO14307	CO14306	11.46	0 1-	4ACSR	0	0	458	144	0	0	0	0.00	6.74	0
CO14308	CO14307	11.51	0 1-	4ACSR	0	0	454	143	0	0	0	0.00	6.74	0
CO14305	CO14304	11.78	5 1-	4ACSR	0	0	435	141	9	1	1	0.02	6.76	0
CO14309	CO14305	11.89	1 1-	4ACSR	0	0	428	140	2	0	0	0.00	6.76	0
CO14310	CO14309	11.95	0 1-	4ACSR	0	0	424	140	0	0	0	0.00	6.76	0
CO14311	CO14305	12.10	4 1-	4ACSR	0	0	414	139	7	1	1	0.02	6.78	0
CO14312	CO14311	12.18	4 1-	4ACSR	0	0	409	138	7	1	1	0.00	6.78	0
CO14313	CO14312	12.21	2 1-	4ACSR	0	0	407	138	4	0	0	0.00	6.78	0
CO14314	CO14313	12.29	2 1-	4ACSR	0	0	403	137	4	0	0	0.00	6.78	0
CO14150	CO14314	12.35	1 1-	4ACSR	0	0	399	137	0	0	0	0.00	6.78	0
CO14149	CO14314	12.34	1 1-	4ACSR	0	0	400	137	4	0	0	0.00	6.78	0
CO14288	CO14287	10.36	3 1-	2ACSR	0	0	551	153	12	1	1	0.00	6.53	0
CO14286	CO14285	10.15	1 1-	4ACSR	0	0	566	153	10	1	1	0.01	6.40	0
CO14315	CO14286	10.30	1 1-	4ACSR	0	0	550	152	10	1	1	0.00	6.40	0
CO14316	CO14315	10.31	0 1-	4ACSR	0	0	549	152	0	0	0	0.00	6.40	0
CO14172	CO14279	9.70	1 1-	2ACSR	0	0	611	157	3	0	0	0.00	6.19	0
CO14276	CO14275	9.60	1 1-	4ACSR	0	0	620	157	4	0	0	0.00	6.07	0
CO14277	CO14276	9.66	0 1-	4ACSR	0	0	613	157	0	0	0	0.00	6.07	0
CO14270	CO14269	9.09	2 1-	2ACSR	0	0	678	161	4	0	0	0.00	5.62	0
CO14271	CO14270	9.16	2 1-	2ACSR	0	0	669	160	4	0	0	0.00	5.62	0
CO14239	CO14238	8.93	26 1-	2ACSR	0	0	703	163	138	19	11	0.11	5.35	24
CO14240	CO14239	9.22	25 1-	2ACSR	0	0	668	161	132	18	10	0.17	5.52	35
CO14171	CO14240	9.29	1 1-	2ACSR	0	0	661	160	0	0	0	0.00	5.52	0
CO14241	CO14240	9.32	24 1-	2ACSR	0	0	658	160	131	18	10	0.06	5.57	12
CO14242	CO14241	9.36	24 1-	2ACSR	0	0	652	160	131	18	10	0.03	5.60	6
CO14243	CO14242	9.43	24 1-	2ACSR	0	0	645	159	131	18	10	0.04	5.64	9
CO14244	CO14243	9.48	24 1-	2ACSR	0	0	640	159	131	18	10	0.03	5.67	6
CO14245	CO14244	9.54	23 1-	6ACWC	0	0	632	159	128	18	13	0.05	5.71	10
CO14170	CO14245	9.59	1 1-	6ACWC	0	0	625	158	3	0	0	0.00	5.71	0
CO14246	CO14245	9.65	22 1-	6ACWC	0	0	619	157	125	17	13	0.09	5.80	19
CO14247	CO14246	9.93	22 1-	6ACWC	0	0	586	155	125	17	13	0.22	6.03	47
CO14248	CO14247	10.00	22 1-	6ACWC	0	0	578	154	124	17	13	0.05	6.08	11
CO14249	CO14248	10.20	21 1-	6ACWC	0	0	557	152	124	17	13	0.15	6.23	32
CO14250	CO14249	10.24	21 1-	6ACWC	0	0	553	152	124	17	13	0.03	6.27	7
CO14253	CO14250	10.29	10 1-	6ACWC	0	0	548	152	56	7	6	0.02	6.29	0
CO14254	CO14253	10.31	10 1-	6ACWC	0	0	546	152	56	7	6	0.00	6.29	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14255	CO14254	10.33	8 1-	6ACWC	0	0	544	151	47	6	5	0.01	6.30	0
CO14257	CO14255	10.38	4 1-	6ACWC	0	0	539	151	13	1	1	0.00	6.30	0
CO14258	CO14257	10.42	4 1-	6ACWC	0	0	535	151	13	1	1	0.00	6.30	0
CO14259	CO14258	10.45	2 1-	6ACWC	0	0	532	150	12	1	1	0.00	6.31	0
CO14256	CO14255	10.36	2 1-	6ACWC	0	0	542	151	21	3	2	0.00	6.30	0
CO14251	CO14250	10.34	11 1-	6ACWC	0	0	543	151	69	9	7	0.04	6.31	5
CO14252	CO14251	10.39	11 1-	6ACWC	0	0	538	151	69	9	7	0.02	6.33	0
CO14166	CO14252	10.44	1 1-	4ACSR	0	0	533	150	11	1	1	0.00	6.33	0
CO14260	CO14252	10.44	8 1-	6ACWC	0	0	533	150	48	6	5	0.02	6.35	0
CO14261	CO14260	10.47	8 1-	6ACWC	0	0	531	150	48	6	5	0.01	6.35	0
CO14262	CO14261	10.51	8 1-	6ACWC	0	0	527	150	48	6	5	0.01	6.37	0
CO14323	CO14262	10.67	3 1-	1/0PRIURD	0	0	518	289	26	3	2	0.01	6.38	0
CO14263	CO14323	10.75	2 1-	1/0PRIURD	0	0	514	287	13	1	1	0.00	6.38	0
CO14264	CO14263	10.84	0 1-	1/0PRIURD	0	0	510	286	0	0	0	0.00	6.38	0
CO14265	CO14262	10.53	3 1-	6ACWC	0	0	525	150	14	1	1	0.00	6.37	0
CO14266	CO14265	10.59	2 1-	6ACWC	0	0	519	149	11	1	1	0.00	6.37	0
CO14267	CO14266	10.71	2 1-	6ACWC	0	0	509	148	11	1	1	0.00	6.37	0
CO14155	CO14235	8.59	1 1-	4ACSR	0	0	751	166	4	0	0	0.00	4.63	0
CO14156+	CO14137	8.23	2 1-	4ACSR	0	0	872	291	11	0	1	0.00	3.28	0
CO14159+	CO14138	8.01	0 1-	4ACSR	0	0	891	293	0	0	0	0.00	3.25	0
CO14229+	CO14138	8.04	7 1-	4ACSR	0	0	887	293	31	2	2	0.00	3.26	0
CO14230+	CO14229	8.07	3 1-	4ACSR	0	0	884	292	17	1	1	0.00	3.26	0
CO14158+	CO14230	8.09	0 1-	4ACSR	0	0	881	292	0	0	0	0.00	3.26	0
CO14231+	CO14230	8.07	1 1-	4ACSR	0	0	883	292	10	0	1	0.00	3.26	0
CO14232+	CO14231	8.10	1 1-	4ACSR	0	0	879	292	10	0	1	0.00	3.26	0
CO14222+	CO14138	8.08	44 1-	4ACSR	0	0	882	292	251	17	12	0.04	3.29	16
CO482624122+	CO14222	8.15	2 1-	2ACSR	0	0	875	291	11	0	0	0.00	3.29	0
CO14223+	CO14222	8.18	40 1-	4ACSR	0	0	869	290	232	16	11	0.04	3.33	13
CO14167+	CO14223	8.22	1 1-	4ACSR	0	0	865	290	8	0	0	0.00	3.33	0
CO14225+	CO14223	8.26	35 1-	4ACSR	0	0	860	289	217	15	11	0.03	3.35	9
CO14224+	CO14225	8.28	35 1-	4ACSR	0	0	858	289	217	15	11	0.01	3.36	2
CO14226+	CO14224	8.37	31 1-	4ACSR	0	0	846	287	181	12	9	0.03	3.39	8
CO14227+	CO14226	8.41	30 1-	4ACSR	0	0	842	287	173	11	9	0.01	3.40	3
CO14228+	CO14227	8.45	29 1-	4ACSR	0	0	837	286	172	11	9	0.01	3.41	3
CO17101+	CO14228	8.65	26 1-	4ACSR	0	0	814	283	160	11	8	0.05	3.46	13
CO13827+	CO17101	8.66	2 1-	4ACSR	0	0	812	283	22	1	1	0.00	3.46	0
CO13828+	CO13827	8.67	1 1-	4ACSR	0	0	811	283	11	0	1	0.00	3.46	0
CO14175+	CO13828	8.83	1 1-	4ACSR	0	0	793	280	11	0	1	0.00	3.46	0
CO13826+	CO17101	8.68	24 1-	4ACSR	0	0	810	283	138	9	7	0.01	3.46	0
CO-948763944+	CO13826	8.70	24 1-	2ACSR	0	0	808	282	138	9	5	0.00	3.47	0
CO224398980+	CO-948763944	8.73	1 1-	2ACSR	0	0	806	282	13	0	0	0.00	3.47	0
CO918115595+	CO-948763944	8.73	23 1-	2ACSR	0	0	806	282	126	8	5	0.00	3.47	0
CO13818+	CO918115595	8.76	23 1-	4ACSR	0	0	802	282	126	8	6	0.01	3.48	0
CO17105+	CO13818	8.88	22 1-	4ACSR	0	0	790	280	117	8	6	0.02	3.50	4
CO17076+	CO17105	9.07	21 1-	4ACSR	0	0	769	277	115	7	6	0.04	3.53	7
CO17221+	CO17076	9.41	3 1-	4ACSR	0	0	736	272	19	1	1	0.01	3.54	0
CO12710+	CO17221	9.47	2 1-	4ACSR	0	0	730	271	4	0	0	0.00	3.54	0
CO12709+	CO17221	9.46	1 1-	4ACSR	0	0	730	271	15	1	1	0.00	3.54	0
CO13150+	CO17076	9.33	18 1-	4ACSR	0	0	743	273	96	6	5	0.04	3.57	6
CO13305+	CO13150	9.40	2 1-	4ACSR	0	0	737	272	20	1	1	0.00	3.57	0
CO13306+	CO13305	9.45	1 1-	4ACSR	0	0	732	271	2	0	0	0.00	3.57	0
CO13151+	CO13150	9.44	16 1-	4ACSR	0	0	733	271	75	5	4	0.01	3.59	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13182+	CO13151	9.50	1 1-	4ACSR	0	0	727	270	4	0	0	0.00	3.59	0
CO13304+	CO13151	9.45	15 1-	4ACSR	0	0	732	271	71	4	4	0.00	3.59	0
CO13303+	CO13304	9.55	15 1-	4ACSR	0	0	722	270	71	4	4	0.01	3.60	0
CO13183+	CO13303	9.63	1 1-	4ACSR	0	0	716	269	3	0	0	0.00	3.60	0
CO13152+	CO13303	9.66	13 1-	4ACSR	0	0	712	268	58	4	3	0.01	3.61	0
CO13302+	CO13152	9.74	6 1-	4ACSR	0	0	705	267	30	2	1	0.00	3.61	0
CO13301+	CO13302	9.81	6 1-	4ACSR	0	0	699	266	30	2	1	0.00	3.61	0
CO-5686484+	CO13301	9.94	1 1-	4ACSR	0	0	688	264	8	0	0	0.00	3.61	0
CO13300+	CO13301	9.93	5 1-	4ACSR	0	0	689	265	23	1	1	0.00	3.62	0
CO13299+	CO13300	10.05	3 1-	4ACSR	0	0	678	263	21	1	1	0.00	3.62	0
CO13184+	CO13299	10.11	1 1-	4ACSR	0	0	673	262	6	0	0	0.00	3.62	0
CO13298+	CO13299	10.10	1 1-	4ACSR	0	0	674	262	9	0	0	0.00	3.62	0
CO13340+	CO13298	10.15	0 1-	4ACSR	0	0	670	262	0	0	0	0.00	3.62	0
CO13339+	CO13340	10.16	0 1-	4ACSR	0	0	670	261	0	0	0	0.00	3.62	0
SW382-A+	CO13339	10.16	0 1-	Open	0	0	670	261	0	0	0	0.00	3.62	0
CO13164+	CO13152	9.75	7 1-	4ACSR	0	0	705	267	28	1	1	0.00	3.61	0
CO13163+	CO13164	9.85	5 1-	4ACSR	0	0	695	266	17	1	1	0.00	3.61	0
CO13307+	CO13163	9.94	2 1-	4ACSR	0	0	688	264	16	1	1	0.00	3.62	0
CO13308+	CO13307	10.00	1 1-	4ACSR	0	0	683	264	6	0	0	0.00	3.62	0
CO13149+	CO13163	10.40	2 1-	4ACSR	0	0	651	258	0	0	0	0.00	3.61	0
CO13181+	CO13149	10.59	1 1-	4ACSR	0	0	637	256	0	0	0	0.00	3.61	0
CO13225+	CO13163	9.89	1 1-	2ACSR	0	0	693	265	1	0	0	0.00	3.61	0
CO13198+	CO13164	9.77	2 1-	4ACSR	0	0	702	267	11	0	1	0.00	3.61	0
CO17084+	CO17105	8.91	1 1-	4ACSR	0	0	786	279	3	0	0	0.00	3.50	0
CO17159+	CO13818	8.94	1 1-	4ACSR	0	0	783	279	8	0	0	0.00	3.48	0
CO14164+	CO14224	8.32	1 1-	4ACSR	0	0	852	288	6	0	0	0.00	3.36	0
CO14161+	CO14219	7.94	0 1-	4ACSR	0	0	896	294	0	0	0	0.00	3.23	0
CO14160+	CO14219	7.94	1 1-	4ACSR	0	0	896	294	0	0	0	0.00	3.23	0
CO14216+	CO14215	7.85	3 3-	1/0ACSR	1168	1090	907	295	10	0	0	0.00	3.22	0
CO14217+	CO14216	7.87	2 3-	1/0ACSR	1167	1089	906	295	4	0	0	0.00	3.22	0
CO14168+	CO14217	7.90	2 1-	2ACSR	0	0	902	294	4	0	0	0.00	3.22	0
CO14211+	CO14140	7.31	2 1-	4ACSR	0	0	959	299	15	1	1	0.00	3.12	0
CO14212+	CO14211	7.35	1 1-	4ACSR	0	0	953	298	10	0	0	0.00	3.12	0
CO14208+	CO14141	6.86	1 1-	4ACSR	0	0	1009	303	1	0	0	0.00	3.04	0
CO14169+	CO14208	6.88	0 1-	2ACSR	0	0	1005	303	0	0	0	0.00	3.04	0
CO14209+	CO14208	6.90	0 1-	4ACSR	0	0	1001	302	0	0	0	0.00	3.04	0
CO14210+	CO14209	6.95	0 1-	4ACSR	0	0	993	301	0	0	0	0.00	3.04	0
CO14145+	CO14142	6.73	4 1-	6ACWC	0	0	1022	304	7	0	0	0.00	3.01	0
CO14321+	CO14145	6.74	4 1-	6ACWC	0	0	1021	304	7	0	0	0.00	3.01	0
OC412+	CO14321	6.74	4 1-	25 E OCR	0	0	1021	304	7	0	2	0.00	3.01	0
CO14322+	OC412	6.78	4 1-	6ACWC	0	0	1015	303	7	0	0	0.00	3.01	0
CO14200+	CO14322	6.80	4 1-	6ACWC	0	0	1012	303	7	0	0	0.00	3.01	0
CO14201+	CO14200	6.99	4 1-	6ACWC	0	0	981	300	7	0	0	0.00	3.02	0
CO14202+	CO14201	7.03	4 1-	6ACWC	0	0	975	299	7	0	0	0.00	3.02	0
CO14203+	CO14202	7.11	3 1-	6ACWC	0	0	962	298	4	0	0	0.00	3.02	0
CO14204+	CO14203	7.23	2 1-	6ACWC	0	0	945	296	3	0	0	0.00	3.02	0
CO14205+	CO14204	7.37	2 1-	6ACWC	0	0	925	293	3	0	0	0.00	3.02	0
CO14206+	CO14205	7.75	1 1-	6ACWC	0	0	873	287	3	0	0	0.00	3.02	0
CO14207+	CO14206	7.81	1 1-	6ACWC	0	0	865	286	3	0	0	0.00	3.02	0
CO14199+	CO14196	6.62	2 1-	6ACWC	0	0	1034	305	12	0	1	0.00	2.98	0
CO17088+	CO14199	6.76	2 1-	6ACWC	0	0	1010	302	12	0	1	0.00	2.99	0
CO13335+	CO17088	6.97	2 1-	6ACWC	0	0	976	299	12	0	1	0.00	2.99	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14197+	CO14196	6.61	1 1-	6ACWC	0	0	1036	305	3	0	0	0.00	2.98	0
CO14198+	CO14197	6.64	1 1-	6ACWC	0	0	1030	304	3	0	0	0.00	2.98	0
CO17083+	CO14198	6.76	0 1-	6ACWC	0	0	1010	302	0	0	0	0.00	2.98	0
CO14162+	CO14143	6.44	1 1-	4ACSR	0	0	1059	307	5	0	0	0.00	2.96	0
CO14163+	CO17089	6.39	0 1-	4ACSR	0	0	1066	307	0	0	0	0.00	2.95	0
CO15193+	CO15285	5.57	1 1-	4ACSR	0	0	1191	316	5	0	0	0.00	2.75	0
CO15194+	CO15159	5.27	1 1-	4ACSR	0	0	1241	319	1	0	0	0.00	2.69	0
CO15195+	CO15280	5.09	2 1-	4ACSR	0	0	1270	321	6	0	0	0.00	2.65	0
CO17188+	CO16233	4.17	0 1-	4ACSR	0	0	1460	331	0	0	0	0.00	2.47	0
CO16262+	CO17187	4.09	806 3-	4/0ACSR	1782	1682	1482	332	4100	93	28	0.00	2.46	17
OC495+	CO16262	4.09	806 3-	70 L OCR	1782	1682	1482	332	4100	93	134	0.00	2.46	0
CO16263+	OC495	4.14	806 3-	4/0ACSR	1772	1672	1472	331	4100	93	28	0.02	2.48	127
CO16231+	CO16263	4.65	805 3-	4/0ACSR	1681	1580	1379	328	4091	93	27	0.23	2.71	1277
CO16039+	CO16231	4.75	803 3-	4/0ACSR	1664	1562	1362	328	4074	93	27	0.04	2.75	253
CO16038+	CO16039	4.80	770 3-	4/0ACSR	1656	1555	1354	327	3804	86	26	0.02	2.77	103
CO16199+	CO16038	4.87	1 1-	4ACSR	0	0	1335	326	13	0	1	0.00	2.77	0
CO16200+	CO16199	4.95	1 1-	4ACSR	0	0	1315	324	13	0	1	0.00	2.78	0
CO16037+	CO16038	5.27	768 3-	4/0ACSR	1582	1480	1281	324	3790	86	25	0.19	2.97	1020
CO16082+	CO16037	5.34	1 1-	4ACSR	0	0	1265	323	1	0	0	0.00	2.97	0
CO1762422087+	CO16082	5.42	1 1-	2ACSR	0	0	1250	322	1	0	0	0.00	2.97	0
CO16081+	CO16037	5.37	1 1-	4ACSR	0	0	1259	323	8	0	0	0.00	2.97	0
CO16040+	CO16037	5.35	766 3-	4/0ACSR	1571	1468	1270	324	3776	86	25	0.03	3.00	162
CO16253+	CO16040	5.35	7 1-	4ACSR	0	0	1268	324	52	3	3	0.00	3.00	0
OC486+	CO16253	5.35	7 1-	10 N FUSE	0	0	1268	324	52	3	36	0.00	3.00	0
CO16254+	OC486	5.40	7 1-	4ACSR	0	0	1257	323	52	3	3	0.00	3.00	0
CO1165844292+	CO16254	5.44	4 1-	4ACSR	0	0	1247	322	29	1	1	0.00	3.00	0
CO270752351+	CO1165844292	5.50	1 1-	2ACSR	0	0	1236	321	9	0	0	0.00	3.00	0
CO1754996148+	CO270752351	5.54	0 1-	2ACSR	0	0	1228	321	0	0	0	0.00	3.00	0
CO-198707565+	CO1165844292	5.46	3 1-	4ACSR	0	0	1244	322	20	1	1	0.00	3.00	0
CO16198+	CO-198707565	5.74	3 1-	4ACSR	0	0	1181	316	20	1	1	0.01	3.01	0
CO16196+	CO16198	6.07	1 1-	4ACSR	0	0	1115	310	10	0	0	0.00	3.01	0
CO16041+	CO16040	5.54	759 3-	4/0ACSR	1543	1441	1243	323	3723	85	25	0.08	3.07	395
CO16071+	CO16041	5.57	2 1-	4ACSR	0	0	1234	322	10	0	0	0.00	3.07	0
CO16189+	CO16041	5.62	757 3-	4/0ACSR	1532	1429	1232	322	3711	84	25	0.03	3.10	167
CO16190+	CO16189	5.63	757 3-	4/0ACSR	1530	1427	1230	322	3711	84	25	0.01	3.11	30
CO16255+	CO16190	5.64	4 1-	4ACSR	0	0	1228	322	30	2	1	0.00	3.11	0
OC488+	CO16255	5.64	4 1-	10 N FUSE	0	0	1228	322	30	2	21	0.00	3.11	0
CO16256+	OC488	5.65	4 1-	4ACSR	0	0	1225	322	30	2	1	0.00	3.11	0
CO16191+	CO16256	5.73	3 1-	4ACSR	0	0	1207	320	20	1	1	0.00	3.11	0
CO16192+	CO16191	5.75	2 1-	4ACSR	0	0	1204	320	10	0	0	0.00	3.11	0
CO16193+	CO16192	5.98	2 1-	4ACSR	0	0	1156	315	10	0	0	0.00	3.12	0
CO16070+	CO16193	6.03	1 1-	4ACSR	0	0	1147	315	0	0	0	0.00	3.12	0
CO16194+	CO16193	6.07	1 1-	4ACSR	0	0	1137	314	10	0	0	0.00	3.12	0
CO16195+	CO16194	6.10	1 1-	4ACSR	0	0	1132	313	10	0	0	0.00	3.12	0
CO16185+	CO16190	5.87	753 3-	4/0ACSR	1497	1395	1199	321	3681	84	25	0.09	3.20	483
CO16186+	CO16185	6.05	753 3-	4/0ACSR	1473	1371	1176	320	3678	84	25	0.07	3.27	367
CO16187+	CO16186	6.18	753 3-	4/0ACSR	1456	1354	1160	319	3677	84	25	0.05	3.33	270
CO16183+	CO16187	6.23	2 1-	6ACWC	0	0	1150	318	13	0	1	0.00	3.33	0
CO16184+	CO16183	6.33	1 1-	6ACWC	0	0	1130	316	7	0	0	0.00	3.33	0
CO16188+	CO16187	6.37	751 3-	4/0ACSR	1432	1330	1137	318	3663	83	25	0.07	3.40	384
CO16234+	CO16188	6.91	751 3-	4/0ACSR	1368	1267	1078	314	3661	83	25	0.21	3.61	1093
CO16179+	CO16234	7.29	751 3-	4/0ACSR	1326	1226	1039	312	3656	83	25	0.15	3.76	764

 Substation Power Factor: 0.98
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16023+	CO16179	7.60	740 3-	4/0ACSR	1293	1194	1009	310	3605	82	24	0.12	3.88	626
CO16243+	CO16023	7.61	73 1-	4ACSR	0	0	1008	310	378	26	19	0.00	3.88	2
OC496+	CO16243	7.61	73 1-	70 L OCR	0	0	1008	310	378	26	38	0.00	3.88	0
XFMR31	OC496	7.61	73 1-	333 KVA 1PH AUT	0	0	837	172	378	26	115	0.99	4.87	0
CO16244	XFMR31	7.64	73 1-	4ACSR	0	0	831	171	378	53	38	0.08	4.95	47
CO16160	CO16244	7.82	73 1-	4ACSR	0	0	801	169	378	53	38	0.43	5.38	270
CO16155	CO16160	7.89	67 1-	4ACSR	0	0	789	168	345	48	35	0.15	5.53	86
CO16156	CO16155	7.94	65 1-	4ACSR	0	0	782	168	334	47	34	0.10	5.63	55
CO16152	CO16156	7.97	65 1-	4ACSR	0	0	776	168	334	47	34	0.08	5.70	41
CO16150	CO16152	8.02	61 1-	4ACSR	0	0	769	167	311	43	31	0.09	5.79	46
CO16151	CO16150	8.05	58 1-	4ACSR	0	0	764	167	280	39	28	0.05	5.85	25
CO16026	CO16151	8.20	54 1-	4ACSR	0	0	740	165	250	35	25	0.24	6.09	101
CO16056	CO16026	8.23	1 1-	4ACSR	0	0	735	165	10	1	1	0.00	6.09	0
CO16027	CO16026	8.23	52 1-	4ACSR	0	0	734	165	239	33	24	0.05	6.14	20
CO16147	CO16027	8.31	4 1-	4ACSR	0	0	723	164	38	5	4	0.02	6.16	0
CO16148	CO16147	8.35	4 1-	4ACSR	0	0	717	164	38	5	4	0.01	6.16	0
CO16149	CO16148	8.41	2 1-	4ACSR	0	0	708	163	13	1	1	0.00	6.17	0
CO16145	CO16027	8.25	48 1-	4ACSR	0	0	732	165	200	28	20	0.02	6.16	8
CO16146	CO16145	8.30	48 1-	4ACSR	0	0	725	164	200	28	20	0.05	6.22	18
CO16144	CO16146	8.35	45 1-	4ACSR	0	0	717	164	191	27	19	0.06	6.28	20
CO16235	CO16144	8.41	42 1-	4ACSR	0	0	709	163	170	24	17	0.06	6.34	17
CO16236	CO16235	8.44	41 1-	4ACSR	0	0	703	163	159	22	16	0.04	6.38	10
CO16033	CO16236	8.49	40 1-	4ACSR	0	0	697	162	151	21	15	0.04	6.42	11
CO16062	CO16033	8.51	2 1-	4ACSR	0	0	692	162	8	1	1	0.00	6.42	0
CO16032	CO16033	8.65	38 1-	4ACSR	0	0	673	161	143	20	15	0.15	6.57	36
CO16028	CO16032	8.69	37 1-	4ACSR	0	0	668	160	142	20	14	0.03	6.61	8
CO16059	CO16028	8.86	0 1-	4ACSR	0	0	645	159	0	0	0	0.00	6.61	0
CO16140	CO16028	8.75	37 1-	4ACSR	0	0	659	160	141	20	14	0.06	6.67	14
CO16141	CO16140	8.81	36 1-	4ACSR	0	0	651	159	139	19	14	0.05	6.72	12
CO16139	CO16141	8.83	34 1-	4ACSR	0	0	649	159	130	18	13	0.01	6.73	3
CO16138	CO16139	8.86	30 1-	4ACSR	0	0	645	159	125	17	13	0.02	6.75	5
CO16133	CO16138	9.03	28 1-	4ACSR	0	0	623	157	120	17	12	0.13	6.89	27
CO16134	CO16133	9.06	28 1-	4ACSR	0	0	620	157	120	17	12	0.02	6.91	4
CO16029	CO16134	9.15	8 1-	4ACSR	0	0	608	156	59	8	6	0.04	6.94	4
CO16030	CO16029	9.24	3 1-	4ACSR	0	0	598	155	21	3	2	0.01	6.95	0
CO16121	CO16030	9.29	1 1-	4ACSR	0	0	592	155	8	1	1	0.00	6.95	0
CO16245	CO16121	9.32	0 1-	4ACSR	0	0	588	154	0	0	0	0.00	6.95	0
SW497-B	CO16245	9.32	0 1-	Open	0	0	588	154	0	0	0	0.00	6.95	0
CO16066	CO16030	9.28	1 1-	4ACSR	0	0	593	155	0	0	0	0.00	6.95	0
CO16053	CO16029	9.23	1 1-	4ACSR	0	0	599	155	8	1	1	0.00	6.95	0
CO16068	CO16029	9.18	4 1-	4ACSR	0	0	605	156	30	4	3	0.00	6.95	0
CO16065	CO16134	9.15	5 1-	4ACSR	0	0	609	156	9	1	1	0.00	6.91	0
CO16249	CO16134	9.06	12 1-	4ACSR	0	0	619	157	46	6	5	0.00	6.91	0
OC489	CO16249	9.06	12 1-	25 H OCR	0	0	619	157	46	6	26	0.00	6.91	0
CO16250	OC489	9.13	12 1-	4ACSR	0	0	610	156	46	6	5	0.02	6.93	0
CO16122	CO16250	9.18	10 1-	4ACSR	0	0	605	156	43	6	4	0.01	6.94	0
CO16123	CO16122	9.22	9 1-	4ACSR	0	0	600	155	41	5	4	0.01	6.95	0
CO16124	CO16123	9.36	7 1-	4ACSR	0	0	584	154	36	5	4	0.03	6.98	0
CO16125	CO16124	9.44	7 1-	4ACSR	0	0	575	153	36	5	4	0.02	7.00	0
CO16128	CO16125	9.67	6 1-	4ACSR	0	0	550	151	25	3	3	0.04	7.04	0
CO16129	CO16128	9.75	5 1-	4ACSR	0	0	542	150	25	3	3	0.01	7.05	0
CO16130	CO16129	9.82	5 1-	4ACSR	0	0	535	150	25	3	3	0.01	7.06	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16131	CO16130	9.86	4 1-	4ACSR	0	0	531	150	25	3	3	0.01	7.07	0
CO16132	CO16131	10.07	4 1-	4ACSR	0	0	512	148	25	3	3	0.03	7.10	0
CO17166	CO16132	10.24	4 1-	4ACSR	0	0	496	146	25	3	3	0.03	7.13	0
CO14176	CO17166	10.26	4 1-	4ACSR	0	0	495	146	25	3	3	0.00	7.13	0
CO14177	CO14176	10.41	3 1-	4ACSR	0	0	482	145	24	3	2	0.02	7.15	0
CO14183	CO14177	10.47	2 1-	4ACSR	0	0	476	144	13	1	1	0.01	7.16	0
CO14184	CO14183	10.51	2 1-	4ACSR	0	0	473	144	13	1	1	0.00	7.16	0
CO14185	CO14184	10.61	2 1-	4ACSR	0	0	466	143	13	1	1	0.01	7.17	0
CO14186	CO14185	10.78	2 1-	4ACSR	0	0	453	142	13	1	1	0.01	7.19	0
CO14146	CO14186	10.91	2 1-	4ACSR	0	0	443	141	13	1	1	0.01	7.19	0
CO14187	CO14186	10.89	0 1-	4ACSR	0	0	445	141	0	0	0	0.00	7.19	0
CO14188	CO14187	11.08	0 1-	4ACSR	0	0	431	140	0	0	0	0.00	7.19	0
CO14189	CO14188	11.14	0 1-	4ACSR	0	0	428	139	0	0	0	0.00	7.19	0
CO14191	CO14189	11.23	0 1-	4ACSR	0	0	421	139	0	0	0	0.00	7.19	0
CO14192	CO14191	11.44	0 1-	4ACSR	0	0	408	137	0	0	0	0.00	7.19	0
CO14190	CO14192	11.52	0 1-	4ACSR	0	0	404	137	0	0	0	0.00	7.19	0
CO14180	CO14177	10.48	1 1-	4ACSR	0	0	476	144	11	1	1	0.01	7.16	0
CO14181	CO14180	10.62	1 1-	4ACSR	0	0	465	143	11	1	1	0.01	7.17	0
CO14182	CO14181	10.71	1 1-	4ACSR	0	0	458	143	11	1	1	0.01	7.18	0
CO14178	CO14182	10.79	1 1-	4ACSR	0	0	452	142	11	1	1	0.01	7.18	0
CO14179	CO14178	10.84	1 1-	4ACSR	0	0	448	142	11	1	1	0.00	7.18	0
CO16126	CO16125	9.52	0 1-	4ACSR	0	0	566	152	0	0	0	0.00	7.00	0
CO16127	CO16126	9.64	0 1-	4ACSR	0	0	553	151	0	0	0	0.00	7.00	0
CO16135	CO16138	8.88	2 1-	4ACSR	0	0	642	158	5	0	0	0.00	6.75	0
CO16136	CO16135	8.91	2 1-	4ACSR	0	0	638	158	5	0	0	0.00	6.75	0
CO16064	CO16136	8.96	1 1-	4ACSR	0	0	632	158	5	0	0	0.00	6.76	0
CO16137	CO16136	8.92	0 1-	4ACSR	0	0	637	158	0	0	0	0.00	6.75	0
CO16058	CO16032	8.69	0 1-	4ACSR	0	0	668	160	0	0	0	0.00	6.57	0
CO16057	CO16236	8.48	0 1-	4ACSR	0	0	697	162	0	0	0	0.00	6.38	0
CO16142	CO16144	8.43	3 1-	4ACSR	0	0	704	163	22	3	2	0.01	6.29	0
CO16143	CO16142	8.47	2 1-	4ACSR	0	0	699	162	5	0	0	0.00	6.29	0
CO16055	CO16151	8.07	3 1-	4ACSR	0	0	761	167	20	2	2	0.00	5.85	0
CO16088	CO16150	8.06	3 1-	2ACSR	0	0	763	167	31	4	2	0.00	5.79	0
CO16153	CO16152	8.04	1 1-	4ACSR	0	0	765	167	8	1	1	0.00	5.70	0
CO16154	CO16153	8.10	0 1-	4ACSR	0	0	756	166	0	0	0	0.00	5.70	0
CO16157	CO16160	7.84	5 1-	4ACSR	0	0	799	169	29	4	3	0.00	5.38	0
CO16061	CO16157	7.87	0 1-	4ACSR	0	0	793	169	0	0	0	0.00	5.38	0
CO16158	CO16157	7.88	3 1-	4ACSR	0	0	792	169	18	2	2	0.00	5.38	0
CO16159	CO16158	7.98	3 1-	4ACSR	0	0	775	168	18	2	2	0.01	5.39	0
CO-1041065619	CO16159	8.06	1 1-	2ACSR	0	0	764	167	3	0	0	0.00	5.39	0
CO16024+	CO16023	7.66	666 3-	4/0ACSR	1287	1188	1004	310	3224	74	22	0.02	3.90	90
CO16109+	CO16024	7.95	650 3-	4/0ACSR	1259	1162	979	308	3149	72	21	0.09	3.99	434
CO16090+	CO16109	8.00	2 1-	2ACSR	0	0	972	307	10	0	0	0.00	3.99	0
CO16110+	CO16109	8.36	648 3-	4/0ACSR	1220	1126	944	306	3137	72	21	0.13	4.13	615
CO16108+	CO16110	8.48	646 3-	4/0ACSR	1210	1117	935	305	3132	72	21	0.04	4.16	169
CO16025+	CO16108	8.55	641 3-	4/0ACSR	1203	1111	929	305	3113	71	21	0.02	4.19	112
CO16113+	CO16025	8.73	0 1-	4ACSR	0	0	906	301	0	0	0	0.00	4.19	0
CO16114+	CO16113	8.81	0 1-	4ACSR	0	0	897	300	0	0	0	0.00	4.19	0
CO16035+	CO16025	8.69	639 3-	4/0ACSR	1191	1100	919	304	3109	71	21	0.04	4.23	202
CO16034+	CO16035	8.81	637 3-	4/0ACSR	1181	1090	910	303	3107	71	21	0.04	4.27	172
CO16115+	CO16034	9.05	590 3-	4/0ACSR	1161	1071	892	302	2911	66	20	0.07	4.34	317
CO16116+	CO16115	9.24	590 3-	4/0ACSR	1146	1057	879	301	2910	66	20	0.06	4.40	238

Substation Power Factor: 0.98
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Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30673+	CO16116	9.33	588 3-	4/0ACSR	1138	1051	872	300	2902	68	20	0.03	4.43	124
CO16117+	CO30673	9.34	588 3-	4/0ACSR	1137	1050	871	300	2902	68	20	0.00	4.44	18
CO16118+	CO16117	9.42	586 3-	4/0ACSR	1131	1044	866	300	2898	67	20	0.03	4.46	108
CO16054+	CO16118	9.48	2 1-	4ACSR	0	0	859	299	0	0	0	0.00	4.46	0
CO16251+	CO16118	9.43	584 3-	4/0ACSR	1130	1043	865	300	2897	67	20	0.00	4.47	9
OC963+	CO16251	9.43	584 3-	560 200WVE	1130	1043	865	300	2897	67	12	0.00	4.47	0
CO16252+	OC963	9.44	584 3-	4/0ACSR	1129	1042	864	299	2897	67	20	0.00	4.47	16
CO17201+	CO16252	9.52	582 3-	4/0ACSR	1123	1037	859	299	2890	67	20	0.03	4.50	104
CO16413+	CO17201	9.72	581 3-	4/0ACSR	1108	1023	846	298	2883	67	20	0.07	4.57	259
CO16414+	CO16413	9.82	578 3-	4/0ACSR	1101	1016	840	297	2871	67	20	0.03	4.60	134
CO30697+	CO16414	9.97	578 3-	4/0ACSR	1090	1006	830	296	2870	67	20	0.05	4.65	187
CO16416+	CO30697	10.22	577 3-	4/0ACSR	1072	989	815	295	2860	67	20	0.09	4.73	326
CO16417+	CO16416	10.28	575 3-	4/0ACSR	1067	985	811	295	2853	67	20	0.02	4.76	85
CO16471+	CO16417	10.29	11 1-	4ACSR	0	0	810	295	65	4	3	0.00	4.76	0
OC503+	CO16471	10.29	11 1-	10 N FUSE	0	0	810	295	65	4	45	0.00	4.76	0
CO16474+	OC503	10.42	11 1-	4ACSR	0	0	798	292	65	4	3	0.01	4.77	0
CO16418+	CO16474	10.45	8 1-	4ACSR	0	0	794	292	35	2	2	0.00	4.77	0
CO16419+	CO16418	10.51	7 1-	4ACSR	0	0	789	291	25	1	1	0.00	4.77	0
CO16420+	CO16419	10.55	5 1-	4ACSR	0	0	785	290	22	1	1	0.00	4.77	0
CO16421+	CO16420	10.65	4 1-	4ACSR	0	0	775	289	18	1	1	0.00	4.78	0
CO16422+	CO16421	10.69	3 1-	4ACSR	0	0	772	288	2	0	0	0.00	4.78	0
CO17233+	CO16422	10.77	2 1-	4ACSR	0	0	764	287	0	0	0	0.00	4.78	0
CO14509+	CO17233	10.78	1 1-	4ACSR	0	0	764	286	0	0	0	0.00	4.78	0
CO14510+	CO14509	10.82	1 1-	4ACSR	0	0	759	286	0	0	0	0.00	4.78	0
CO14511+	CO14510	10.89	0 1-	4ACSR	0	0	753	285	0	0	0	0.00	4.78	0
CO16300+	CO16474	10.45	2 1-	4ACSR	0	0	795	292	15	1	1	0.00	4.77	0
CO16469+	CO16417	10.29	22 1-	2ACSR	0	0	811	295	120	8	5	0.00	4.76	0
OC502+	CO16469	10.29	22 1-	10 N FUSE	0	0	811	295	120	8	84	0.00	4.76	0
CO16470+	OC502	10.46	22 1-	2ACSR	0	0	797	293	120	8	5	0.02	4.78	4
CO16450+	CO16470	10.54	2 1-	2ACSR	0	0	790	291	18	1	1	0.00	4.78	0
CO16424+	CO16450	10.62	2 1-	2ACSR	0	0	784	291	18	1	1	0.00	4.78	0
CO16449+	CO16470	10.51	1 1-	2ACSR	0	0	792	292	10	0	0	0.00	4.78	0
CO16460+	CO16470	10.55	19 1-	2ACSR	0	0	789	291	92	6	4	0.01	4.79	0
CO16425+	CO16460	10.62	19 1-	2ACSR	0	0	783	291	92	6	4	0.01	4.80	0
CO16426+	CO16425	10.67	19 1-	2ACSR	0	0	779	290	92	6	4	0.01	4.80	0
CO16311+	CO16426	10.80	1 1-	2ACSR	0	0	769	288	1	0	0	0.00	4.80	0
CO16427+	CO16426	10.84	18 1-	2ACSR	0	0	766	288	91	6	4	0.02	4.82	2
CO16441+	CO16427	10.91	7 1-	2ACSR	0	0	761	287	28	1	1	0.00	4.82	0
CO16442+	CO16441	10.98	7 1-	2ACSR	0	0	755	286	28	1	1	0.00	4.82	0
CO2072309943+	CO16442	11.01	1 1-	2ACSR	0	0	754	286	1	0	0	0.00	4.82	0
CO16443+	CO16442	11.06	6 1-	2ACSR	0	0	749	285	27	1	1	0.00	4.83	0
CO16444+	CO16443	11.10	6 1-	2ACSR	0	0	747	285	27	1	1	0.00	4.83	0
CO16305+	CO16444	11.20	1 1-	2ACSR	0	0	739	284	0	0	0	0.00	4.83	0
CO16446+	CO16444	11.18	5 1-	2ACSR	0	0	741	284	27	1	1	0.00	4.83	0
CO16445+	CO16446	11.24	1 1-	2ACSR	0	0	737	283	19	1	1	0.00	4.83	0
CO16447+	CO16446	11.24	4 1-	2ACSR	0	0	737	283	8	0	0	0.00	4.83	0
CO16448+	CO16447	11.30	3 1-	2ACSR	0	0	732	283	8	0	0	0.00	4.83	0
CO-1955829065+	CO16448	11.35	0 1-	2ACSR	0	0	729	282	0	0	0	0.00	4.83	0
CO16309+	CO16448	11.37	2 1-	2ACSR	0	0	728	282	5	0	0	0.00	4.83	0
CO1047302104+	CO16448	11.42	1 1-	2ACSR	0	0	724	281	3	0	0	0.00	4.83	0
CO16435+	CO16427	10.93	3 1-	2ACSR	0	0	759	287	1	0	0	0.00	4.82	0
CO16436+	CO16435	11.01	3 1-	2ACSR	0	0	754	286	1	0	0	0.00	4.82	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16437+	CO16436	11.04	3 1-	2ACSR	0	0	751	286	1	0	0	0.00	4.82	0
CO16439+	CO16437	11.11	3 1-	2ACSR	0	0	746	285	1	0	0	0.00	4.82	0
CO16308+	CO16439	11.16	1 1-	2ACSR	0	0	743	284	0	0	0	0.00	4.82	0
CO16440+	CO16439	11.14	2 1-	2ACSR	0	0	744	285	1	0	0	0.00	4.82	0
CO16438+	CO16440	11.19	1 1-	2ACSR	0	0	740	284	0	0	0	0.00	4.82	0
CO16428+	CO16427	10.94	8 1-	2ACSR	0	0	759	287	61	4	2	0.01	4.83	0
CO16429+	CO16428	10.99	8 1-	2ACSR	0	0	755	286	61	4	2	0.00	4.83	0
CO16430+	CO16429	11.02	8 1-	2ACSR	0	0	752	286	61	4	2	0.00	4.83	0
CO16431+	CO16430	11.10	7 1-	2ACSR	0	0	747	285	50	3	2	0.00	4.84	0
CO16433+	CO16431	11.21	7 1-	2ACSR	0	0	739	284	50	3	2	0.01	4.84	0
CO16434+	CO16433	11.30	6 1-	2ACSR	0	0	733	283	42	2	2	0.00	4.85	0
CO16475+	CO16434	11.34	6 1-	2ACSR	0	0	730	282	42	2	2	0.00	4.85	0
CO16307+	CO16475	11.40	1 1-	2ACSR	0	0	725	282	12	0	0	0.00	4.85	0
CO16432+	CO16475	11.43	4 1-	2ACSR	0	0	723	281	22	1	1	0.00	4.85	0
CO17232+	CO16432	11.51	2 1-	2ACSR	0	0	718	280	3	0	0	0.00	4.85	0
CO14507+	CO17232	11.56	1 1-	2ACSR	0	0	714	280	3	0	0	0.00	4.85	0
CO14508+	CO14507	11.64	1 1-	2ACSR	0	0	709	279	3	0	0	0.00	4.85	0
CO16306+	CO16432	11.49	1 1-	2ACSR	0	0	719	281	7	0	0	0.00	4.85	0
CO16304+	CO16433	11.28	1 1-	2ACSR	0	0	734	283	8	0	0	0.00	4.84	0
CO16423+	CO16417	10.34	538 3-	4/0ACSR	1064	982	808	294	2654	62	18	0.02	4.77	60
CO17230+	CO16423	10.40	536 3-	4/0ACSR	1059	978	804	294	2645	62	18	0.02	4.79	70
CO14383+	CO17230	10.51	535 3-	4/0ACSR	1052	971	798	293	2636	61	18	0.03	4.83	122
CO14534+	CO14383	10.52	3 1-	4ACSR	0	0	797	293	18	1	1	0.00	4.83	0
OC416+	CO14534	10.52	3 1-	10 N FUSE	0	0	797	293	18	1	13	0.00	4.83	0
CO14535+	OC416	10.63	3 1-	4ACSR	0	0	786	291	18	1	1	0.00	4.83	0
CO14385+	CO14535	10.69	2 1-	4ACSR	0	0	781	290	2	0	0	0.00	4.83	0
CO14387+	CO14385	10.87	2 1-	4ACSR	0	0	764	287	2	0	0	0.00	4.83	0
CO14388+	CO14387	10.91	1 1-	4ACSR	0	0	760	287	0	0	0	0.00	4.83	0
CO14389+	CO14388	11.12	1 1-	4ACSR	0	0	742	283	0	0	0	0.00	4.83	0
CO14384+	CO14535	10.73	1 1-	4ACSR	0	0	777	290	16	1	1	0.00	4.83	0
CO14386+	CO14384	10.96	0 1-	4ACSR	0	0	756	286	0	0	0	0.00	4.83	0
CO14390+	CO14386	11.24	0 1-	4ACSR	0	0	731	281	0	0	0	0.00	4.83	0
CO14391+	CO14390	11.58	0 1-	4ACSR	0	0	702	276	0	0	0	0.00	4.83	0
CO14334+	CO14383	10.59	531 3-	4/0ACSR	1047	966	793	293	2615	61	18	0.02	4.85	82
CO14392+	CO14334	10.68	523 3-	4/0ACSR	1040	960	788	292	2576	60	18	0.03	4.88	100
CO14393+	CO14392	10.93	522 3-	4/0ACSR	1024	945	774	291	2572	60	18	0.08	4.96	259
CO14394+	CO14393	11.08	522 3-	4/0ACSR	1014	936	766	290	2571	60	18	0.05	5.00	161
CO14395+	CO14394	11.12	521 3-	4/0ACSR	1012	934	764	290	2570	60	18	0.01	5.01	40
CO14364+	CO14395	11.20	5 1-	4ACSR	0	0	757	289	23	1	1	0.00	5.02	0
CO-1515064647+	CO14364	11.30	3 1-	2ACSR	0	0	750	287	22	1	1	0.00	5.02	0
CO1617575644+	CO-1515064647	11.32	2 1-	2ACSR	0	0	748	287	16	1	1	0.00	5.02	0
CO14359+	CO1617575644	11.37	1 1-	6ACWC	0	0	744	286	5	0	0	0.00	5.02	0
CO14545+	CO1617575644	11.33	1 1-	6ACWC	0	0	747	287	10	0	1	0.00	5.02	0
CO1228628199+	CO-1515064647	11.33	1 1-	2ACSR	0	0	748	287	6	0	0	0.00	5.02	0
CO14361+	CO1228628199	11.38	1 1-	6ACWC	0	0	743	286	6	0	0	0.00	5.02	0
CO14360+	CO1228628199	11.52	0 1-	6ACWC	0	0	732	284	0	0	0	0.00	5.02	0
CO1653933253+	CO14360	11.60	0 1-	2ACSR	0	0	726	283	0	0	0	0.00	5.02	0
CO14363+	CO14395	11.18	0 1-	4ACSR	0	0	759	289	0	0	0	0.00	5.01	0
CO14362+	CO14395	11.16	1 1-	4ACSR	0	0	761	289	3	0	0	0.00	5.02	0
CO14335+	CO14395	11.16	515 3-	4/0ACSR	1010	932	762	290	2545	59	18	0.01	5.03	39
CO14336+	CO14335	11.24	514 3-	4/0ACSR	1004	927	758	289	2538	59	18	0.03	5.05	88
CO14368+	CO14336	11.38	0 1-	4ACSR	0	0	745	287	0	0	0	0.00	5.05	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO14337+	CO14336	11.31	514 3-	4/0ACSR	1000	923	754	289	2538	59	18	0.02	5.07	68
CO14516+	CO14337	11.33	4 1-	4ACSR	0	0	753	289	14	0	1	0.00	5.07	0
CO14521+	CO14516	11.40	2 1-	4ACSR	0	0	747	287	4	0	0	0.00	5.07	0
CO14396+	CO14521	11.47	1 1-	4ACSR	0	0	740	286	4	0	0	0.00	5.07	0
CO14397+	CO14396	11.51	1 1-	4ACSR	0	0	737	286	4	0	0	0.00	5.07	0
CO14522+	CO14521	11.41	0 1-	4ACSR	0	0	745	287	0	0	0	0.00	5.07	0
CO14517+	CO14516	11.35	2 1-	4ACSR	0	0	751	288	10	0	0	0.00	5.07	0
CO14338+	CO14337	11.40	508 3-	4/0ACSR	995	918	749	288	2516	59	17	0.03	5.10	96
CO14339+	CO14338	11.48	508 3-	4/0ACSR	990	914	746	288	2515	59	17	0.02	5.12	77
CO14398+	CO14339	11.63	4 1-	4ACSR	0	0	733	285	26	1	1	0.00	5.13	0
CO14399+	CO14398	11.68	1 1-	4ACSR	0	0	729	285	11	0	1	0.00	5.13	0
CO14340+	CO14339	11.52	504 3-	4/0ACSR	988	912	744	288	2489	58	17	0.01	5.13	37
CO14341+	CO14340	11.66	504 3-	4/0ACSR	979	904	737	287	2489	58	17	0.04	5.18	140
CO14538+	CO14341	11.67	10 1-	4ACSR	0	0	736	287	31	2	2	0.00	5.18	0
OC418+	CO14538	11.67	10 1-	10 N FUSE	0	0	736	287	31	2	22	0.00	5.18	0
CO14539+	OC418	11.76	10 1-	4ACSR	0	0	729	285	31	2	2	0.00	5.18	0
CO14402+	CO14539	11.81	10 1-	4ACSR	0	0	724	285	31	2	2	0.00	5.18	0
CO14403+	CO14402	11.86	9 1-	4ACSR	0	0	720	284	22	1	1	0.00	5.19	0
CO14342+	CO14403	11.99	6 1-	4ACSR	0	0	709	282	19	1	1	0.00	5.19	0
CO14374+	CO14342	12.10	1 1-	4ACSR	0	0	701	280	2	0	0	0.00	5.19	0
CO14404+	CO14342	12.54	3 1-	4ACSR	0	0	668	273	13	0	1	0.01	5.20	0
CO14405+	CO14404	12.63	3 1-	4ACSR	0	0	662	272	13	0	1	0.00	5.20	0
CO14365+	CO14405	12.73	1 1-	4ACSR	0	0	654	270	1	0	0	0.00	5.20	0
CO14406+	CO14405	12.68	2 1-	4ACSR	0	0	658	271	12	0	1	0.00	5.20	0
CO14407+	CO14406	12.77	1 1-	4ACSR	0	0	651	270	2	0	0	0.00	5.20	0
CO14367+	CO14403	12.04	1 1-	4ACSR	0	0	706	281	0	0	0	0.00	5.19	0
CO14366+	CO14403	11.90	2 1-	4ACSR	0	0	717	283	3	0	0	0.00	5.19	0
CO14408+	CO14341	11.73	493 3-	4/0ACSR	975	900	733	287	2453	57	17	0.02	5.20	73
CO14409+	CO14408	11.93	493 3-	4/0ACSR	963	889	723	285	2452	57	17	0.06	5.26	191
CO14410+	CO14409	12.17	493 3-	4/0ACSR	950	877	712	284	2452	57	17	0.07	5.33	228
CO14411+	CO14410	12.18	493 3-	4/0ACSR	950	876	712	284	2451	57	17	0.00	5.33	8
CO14412+	CO14411	12.20	492 3-	4/0ACSR	949	875	711	284	2435	57	17	0.01	5.33	19
CO1939200041+	CO14412	12.47	6 1-	2ACSR	0	0	693	281	33	2	1	0.01	5.34	0
CO1050452046+	CO1939200041	12.51	6 1-	2ACSR	0	0	691	280	33	2	1	0.00	5.35	0
CO14527+	CO1050452046	12.60	4 1-	1/0ACSR	0	0	687	280	22	1	1	0.00	5.35	0
CO14380+	CO14527	12.62	0 1-	4ACSR	0	0	685	279	0	0	0	0.00	5.35	0
CO14519+	CO14527	12.64	0 1-	1/0ACSR	0	0	684	279	0	0	0	0.00	5.35	0
CO14518+	CO1050452046	12.60	1 1-	4ACSR	0	0	684	279	9	0	0	0.00	5.35	0
CO-1362390616+	CO1050452046	12.60	1 1-	2ACSR	0	0	686	279	1	0	0	0.00	5.35	0
CO678352651+	CO-1362390616	12.67	1 1-	2ACSR	0	0	681	279	1	0	0	0.00	5.35	0
CO14401+	CO678352651	12.75	1 1-	4ACSR	0	0	676	278	1	0	0	0.00	5.35	0
CO850033707+	CO-1362390616	12.70	0 1-	2ACSR	0	0	680	278	0	0	0	0.00	5.35	0
CO-429835177+	CO14412	12.23	485 3-	2ACSR	946	873	709	284	2397	56	31	0.02	5.36	89
CO1185430380+	CO-429835177	12.60	485 3-	2ACSR	917	848	686	279	2397	56	31	0.27	5.63	1071
CO14415+	CO1185430380	12.81	485 3-	4/0ACSR	906	838	677	278	2392	56	17	0.06	5.69	201
CO14370+	CO14415	12.85	2 1-	4ACSR	0	0	674	278	12	0	1	0.00	5.69	0
CO14425+	CO14415	13.08	54 3-	4/0ACSR	892	825	666	277	361	8	3	0.01	5.70	6
CO14426+	CO14425	13.18	54 3-	4/0ACSR	888	821	662	276	361	8	3	0.00	5.70	0
CO14427+	CO14426	13.22	54 3-	4/0ACSR	885	819	660	276	361	8	3	0.00	5.71	0
CO14378+	CO14427	13.27	2 1-	4ACSR	0	0	657	275	134	9	7	0.01	5.71	0
CO14428+	CO14427	13.25	52 1-	6ACWC	0	0	658	276	227	16	12	0.01	5.72	4
CO14429+	CO14428	13.26	52 1-	6ACWC	0	0	657	276	227	16	12	0.00	5.72	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
XFMR34	CO14429	13.26	51 1-	333 KVA 1PH AUT	0	0	691	166	221	15	68	0.57	6.29	0
CO14430	XFMR34	13.34	51 1-	6ACWC	0	0	681	166	221	31	22	0.10	6.39	36
CO14431	CO14430	13.39	49 1-	6ACWC	0	0	674	165	202	28	21	0.07	6.47	25
CO14346	CO14431	13.43	48 1-	6ACWC	0	0	670	165	194	27	20	0.05	6.51	15
CO14432	CO14346	13.46	0 1-	4ACSR	0	0	666	164	0	0	0	0.00	6.51	0
CO14546	CO14432	13.57	0 1-	4ACSR	0	0	653	163	0	0	0	0.00	6.51	0
CO14530	CO14346	13.44	48 1-	6ACWC	0	0	669	165	194	27	20	0.01	6.52	3
OC414	CO14530	13.44	48 1-	50 H OCR	0	0	669	165	194	27	55	0.00	6.52	0
CO14531	OC414	13.48	48 1-	6ACWC	0	0	664	164	194	27	20	0.05	6.57	16
CO14433	CO14531	13.59	48 1-	6ACWC	0	0	650	163	193	27	20	0.14	6.71	46
CO14434	CO14433	13.72	48 1-	6ACWC	0	0	635	162	193	27	20	0.16	6.87	52
CO14547	CO14434	13.86	48 1-	6ACWC	0	0	619	160	193	27	20	0.17	7.04	55
CO14548	CO14547	14.03	48 1-	6ACWC	0	0	601	159	193	27	20	0.21	7.25	69
CO14549	CO14548	14.21	47 1-	6ACWC	0	0	581	157	192	27	20	0.22	7.47	72
CO14435	CO14549	14.27	47 1-	6ACWC	0	0	576	157	192	27	20	0.07	7.54	23
CO14436	CO14435	14.38	47 1-	6ACWC	0	0	564	155	192	27	20	0.14	7.69	46
CO14437	CO14436	14.39	47 1-	6ACWC	0	0	563	155	192	27	20	0.01	7.70	3
CO14354	CO14437	14.52	1 1-	6ACWC	0	0	550	154	4	0	0	0.00	7.70	0
CO14438	CO14437	14.46	46 1-	6ACWC	0	0	556	155	187	26	19	0.09	7.79	29
CO14439	CO14438	14.64	46 1-	6ACWC	0	0	539	153	187	26	19	0.21	7.99	65
CO14440	CO14439	14.75	46 1-	6ACWC	0	0	529	152	187	26	19	0.13	8.13	42
CO14330	CO14440	15.15	0 1-	6ACWC	0	0	495	149	0	0	0	0.00	8.13	0
CO14441	CO14440	14.92	45 1-	6ACWC	0	0	514	151	180	26	19	0.19	8.32	59
CO14442	CO14441	15.07	42 1-	6ACWC	0	0	501	149	173	24	18	0.17	8.49	50
CO14443	CO14442	15.13	40 1-	6ACWC	0	0	496	149	172	24	18	0.06	8.56	18
CO14331	CO14443	15.18	39 1-	6ACWC	0	0	492	148	160	23	17	0.06	8.62	16
CO14444	CO14331	15.36	2 1-	6ACWC	0	0	478	147	3	0	0	0.00	8.62	0
CO14445	CO14444	15.46	2 1-	6ACWC	0	0	470	146	3	0	0	0.00	8.62	0
CO14514	CO14445	15.58	1 1-	6ACWC	0	0	461	145	2	0	0	0.00	8.62	0
CO14355	CO14514	15.64	0 1-	6ACWC	0	0	457	145	0	0	0	0.00	8.62	0
CO14515	CO14514	15.71	1 1-	6ACWC	0	0	452	144	2	0	0	0.00	8.62	0
CO14446	CO14445	15.59	1 1-	6ACWC	0	0	460	145	1	0	0	0.00	8.62	0
CO14447	CO14446	15.69	1 1-	6ACWC	0	0	454	144	1	0	0	0.00	8.62	0
CO14332	CO14331	15.28	35 1-	6ACWC	0	0	484	148	148	21	15	0.09	8.71	23
CO14333	CO14332	15.42	33 1-	6ACWC	0	0	473	146	138	19	14	0.13	8.84	31
CO14327	CO14333	15.89	11 1-	6ACWC	0	0	440	143	29	4	3	0.09	8.92	4
CO14351	CO14327	15.93	0 1-	6ACWC	0	0	437	142	0	0	0	0.00	8.92	0
CO14489	CO14327	16.02	11 1-	6ACWC	0	0	431	142	29	4	3	0.02	8.95	0
CO14490	CO14489	16.16	11 1-	6ACWC	0	0	422	141	29	4	3	0.03	8.98	0
CO17168	CO14490	16.33	1 1-	6ACWC	0	0	411	139	0	0	0	0.00	8.98	0
CO16327	CO17168	16.43	1 1-	6ACWC	0	0	406	139	0	0	0	0.00	8.98	0
CO16328	CO16327	16.54	1 1-	6ACWC	0	0	399	138	0	0	0	0.00	8.98	0
CO16329	CO16328	16.59	1 1-	6ACWC	0	0	396	137	0	0	0	0.00	8.98	0
CO16330	CO16329	16.66	1 1-	6ACWC	0	0	392	137	0	0	0	0.00	8.98	0
CO16331	CO16330	16.73	1 1-	6ACWC	0	0	389	136	0	0	0	0.00	8.98	0
CO16332	CO16331	16.79	1 1-	6ACWC	0	0	386	136	0	0	0	0.00	8.98	0
CO16333	CO16332	16.84	1 1-	6ACWC	0	0	383	136	0	0	0	0.00	8.98	0
CO14328	CO14490	16.38	10 1-	6ACWC	0	0	409	139	29	4	3	0.04	9.02	0
CO14491	CO14328	16.49	9 1-	6ACWC	0	0	402	138	29	4	3	0.02	9.04	0
CO17231	CO14491	16.72	8 1-	6ACWC	0	0	389	136	26	3	3	0.04	9.07	0
CO16452	CO17231	16.74	4 1-	6ACWC	0	0	388	136	17	2	2	0.00	9.07	0
CO16451	CO16452	16.79	4 1-	6ACWC	0	0	386	136	17	2	2	0.01	9.08	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16453	CO16451	16.90	3 1-	6ACWC	0	0	380	135	14	2	1	0.01	9.09	0
CO16454	CO16453	16.94	2 1-	6ACWC	0	0	377	135	12	1	1	0.00	9.09	0
CO16455	CO16454	16.97	1 1-	6ACWC	0	0	376	135	10	1	1	0.00	9.09	0
CO16456	CO16455	17.03	1 1-	6ACWC	0	0	373	134	10	1	1	0.00	9.10	0
CO16457	CO16456	17.05	1 1-	6ACWC	0	0	372	134	10	1	1	0.00	9.10	0
CO16282	CO16451	16.91	1 1-	6ACWC	0	0	379	135	3	0	0	0.00	9.08	0
CO2001466264	CO17231	16.76	1 1-	2ACSR	0	0	387	136	5	0	0	0.00	9.07	0
CO14329	CO14328	17.01	1 1-	6ACWC	0	0	374	134	0	0	0	0.00	9.02	0
CO14352	CO14329	17.18	0 1-	6ACWC	0	0	366	133	0	0	0	0.00	9.02	0
CO14492	CO14329	17.14	1 1-	6ACWC	0	0	368	134	0	0	0	0.00	9.02	0
CO14493	CO14492	17.38	0 1-	6ACWC	0	0	356	132	0	0	0	0.00	9.02	0
CO1975085678	CO14493	17.54	0 1-	2ACSR	0	0	350	131	0	0	0	0.00	9.02	0
CO555388953	CO1975085678	17.57	0 1-	2ACSR	0	0	349	131	0	0	0	0.00	9.02	0
CO14326	CO14333	15.64	9 1-	6ACWC	0	0	457	145	51	7	5	0.07	8.91	6
CO14529	CO14326	15.65	6 1-	6ACWC	0	0	456	145	36	5	4	0.00	8.91	0
OC413	CO14529	15.65	6 1-	15 H OCR	0	0	456	145	36	5	35	0.00	8.91	0
CO14528	OC413	15.69	6 1-	6ACWC	0	0	453	144	36	5	4	0.01	8.92	0
CO14451	CO14528	15.75	6 1-	6ACWC	0	0	449	144	36	5	4	0.01	8.93	0
CO14452	CO14451	15.80	6 1-	6ACWC	0	0	445	143	36	5	4	0.01	8.95	0
CO14453	CO14452	16.05	6 1-	6ACWC	0	0	429	141	36	5	4	0.06	9.00	4
CO14454	CO14453	16.22	6 1-	6ACWC	0	0	418	140	36	5	4	0.04	9.04	2
CO14456	CO14454	16.31	6 1-	6ACWC	0	0	413	139	36	5	4	0.02	9.07	0
CO14455	CO14456	16.38	6 1-	6ACWC	0	0	409	139	36	5	4	0.02	9.08	0
CO14458	CO14455	16.45	3 1-	6ACWC	0	0	404	138	23	3	2	0.01	9.09	0
CO14459	CO14458	16.50	2 1-	6ACWC	0	0	402	138	13	1	1	0.00	9.09	0
CO-210914710	CO14459	16.57	1 1-	2ACSR	0	0	399	138	4	0	0	0.00	9.10	0
CO367230309	CO-210914710	16.62	1 1-	2ACSR	0	0	396	137	4	0	0	0.00	9.10	0
CO14457	CO14459	16.54	1 1-	6ACWC	0	0	399	138	10	1	1	0.00	9.10	0
CO14461	CO14455	16.56	3 1-	6ACWC	0	0	398	138	13	1	1	0.02	9.10	0
CO14460	CO14461	16.77	3 1-	6ACWC	0	0	387	136	13	1	1	0.02	9.12	0
CO14543	CO14460	16.99	0 1-	6ACWC	0	0	375	135	0	0	0	0.00	9.12	0
CO14542	CO14543	16.99	0 1-	6ACWC	0	0	375	135	0	0	0	0.00	9.12	0
SW420-A	CO14542	16.99	0 1-	Open	0	0	375	135	0	0	0	0.00	9.12	0
CO14462	CO14460	16.86	2 1-	6ACWC	0	0	382	135	13	1	1	0.01	9.12	0
CO14463	CO14462	16.96	1 1-	6ACWC	0	0	377	135	9	1	1	0.00	9.13	0
CO14381	CO14326	15.73	1 1-	2ACSR	0	0	452	144	3	0	0	0.00	8.91	0
CO14350	CO14326	15.72	2 1-	6ACWC	0	0	451	144	12	1	1	0.00	8.91	0
CO14473	CO14333	15.68	13 1-	6ACWC	0	0	454	144	58	8	6	0.10	8.93	10
CO14474	CO14473	15.88	13 1-	6ACWC	0	0	441	143	57	8	6	0.07	9.01	7
CO14475	CO14474	16.26	13 1-	6ACWC	0	0	416	140	57	8	6	0.14	9.15	14
CO14476	CO14475	16.34	13 1-	6ACWC	0	0	411	139	57	8	6	0.03	9.18	3
CO17169	CO14476	16.48	2 1-	6ACWC	0	0	403	138	3	0	0	0.00	9.18	0
CO16337	CO17169	16.71	1 1-	6ACWC	0	0	390	137	0	0	0	0.00	9.18	0
CO16338	CO16337	16.81	1 1-	6ACWC	0	0	385	136	0	0	0	0.00	9.18	0
CO16284	CO16338	16.96	0 1-	6ACWC	0	0	377	135	0	0	0	0.00	9.18	0
CO16283	CO16338	16.89	1 1-	6ACWC	0	0	380	135	0	0	0	0.00	9.18	0
CO16334	CO17169	16.60	1 1-	4ACSR	0	0	396	137	3	0	0	0.00	9.19	0
CO16335	CO16334	16.64	1 1-	4ACSR	0	0	394	137	3	0	0	0.00	9.19	0
CO16336	CO16335	16.69	0 1-	4ACSR	0	0	391	137	0	0	0	0.00	9.19	0
CO14477	CO14476	16.40	11 1-	6ACWC	0	0	407	139	54	7	6	0.02	9.20	0
CO14478	CO14477	16.58	11 1-	6ACWC	0	0	397	137	54	7	6	0.06	9.27	6
CO14550	CO14478	16.69	1 1-	4ACSR	0	0	391	137	0	0	0	0.00	9.27	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14512	CO14478	16.63	8 1-	6ACWC	0	0	394	137	43	6	4	0.01	9.28	0
CO14382	CO14512	16.68	1 1-	2ACSR	0	0	392	137	3	0	0	0.00	9.28	0
CO14513	CO14512	16.76	7 1-	6ACWC	0	0	387	136	39	5	4	0.03	9.31	0
CO14482	CO14513	16.82	1 1-	6ACWC	0	0	384	136	10	1	1	0.00	9.31	0
CO14488	CO14482	16.87	1 1-	6ACWC	0	0	381	135	10	1	1	0.00	9.32	0
CO14486	CO14513	16.81	4 1-	6ACWC	0	0	384	136	14	2	1	0.00	9.31	0
CO14487	CO14486	16.89	3 1-	6ACWC	0	0	380	135	9	1	1	0.00	9.32	0
CO14483	CO14487	16.98	3 1-	6ACWC	0	0	375	135	9	1	1	0.01	9.32	0
CO14484	CO14483	17.01	3 1-	6ACWC	0	0	374	134	9	1	1	0.00	9.33	0
CO14485	CO14484	17.05	3 1-	6ACWC	0	0	372	134	9	1	1	0.00	9.33	0
CO14480	CO14513	16.80	1 1-	2ACSR	0	0	386	136	6	0	0	0.00	9.31	0
CO14481	CO14480	16.86	1 1-	2ACSR	0	0	383	136	6	0	0	0.00	9.31	0
CO14353	CO14513	16.86	1 1-	6ACWC	0	0	382	135	10	1	1	0.00	9.31	0
CO14479	CO14478	16.63	2 1-	2ACSR	0	0	395	137	11	1	1	0.00	9.27	0
CO14525	CO14479	16.83	2 1-	2ACSR	0	0	386	136	11	1	1	0.01	9.28	0
CO14526	CO14525	16.87	1 1-	2ACSR	0	0	384	136	9	1	1	0.00	9.28	0
CO14449	CO14332	15.38	2 1-	4ACSR	0	0	476	147	10	1	1	0.00	8.71	0
CO14357	CO14331	15.21	2 1-	6ACWC	0	0	490	148	9	1	1	0.00	8.62	0
CO-34240087	CO14357	15.42	1 1-	2ACSR	0	0	476	147	9	1	1	0.01	8.63	0
CO14450	CO-34240087	15.44	1 1-	4ACSR	0	0	475	147	9	1	1	0.00	8.63	0
CO14448	CO14450	15.49	1 1-	4ACSR	0	0	471	146	9	1	1	0.00	8.63	0
CO14356	CO14443	15.18	1 1-	6ACWC	0	0	492	148	12	1	1	0.00	8.56	0
CO14375	CO14431	13.48	0 1-	4ACSR	0	0	664	164	0	0	0	0.00	6.47	0
CO14417+	CO14415	12.94	429 3-	4/0ACSR	899	832	671	278	2017	47	14	0.03	5.72	81
CO14418+	CO14417	13.14	429 3-	4/0ACSR	890	823	663	277	2017	47	14	0.05	5.77	130
CO14532+	CO14418	13.14	1 1-	4ACSR	0	0	663	277	0	0	0	0.00	5.77	0
OC415+	CO14532	13.14	1 1-	10 N FUSE	0	0	663	277	0	0	0	0.00	5.77	0
CO14533+	OC415	13.18	1 1-	4ACSR	0	0	660	276	0	0	0	0.00	5.77	0
CO14422+	CO14533	13.32	0 1-	4ACSR	0	0	651	274	0	0	0	0.00	5.77	0
CO14344+	CO14422	13.49	0 1-	4ACSR	0	0	640	271	0	0	0	0.00	5.77	0
CO14423+	CO14344	13.58	0 1-	4ACSR	0	0	634	270	0	0	0	0.00	5.77	0
CO14424+	CO14423	13.67	0 1-	4ACSR	0	0	628	269	0	0	0	0.00	5.77	0
CO14419+	CO14344	13.56	0 1-	4ACSR	0	0	635	270	0	0	0	0.00	5.77	0
CO14420+	CO14419	13.70	0 1-	4ACSR	0	0	626	268	0	0	0	0.00	5.77	0
CO14371+	CO14422	13.42	0 1-	4ACSR	0	0	644	272	0	0	0	0.00	5.77	0
CO14421+	CO14418	13.25	428 3-	4/0ACSR	884	818	659	276	2016	47	14	0.03	5.79	75
CO17163+	CO14421	13.27	428 3-	4/0ACSR	883	817	658	276	2016	47	14	0.01	5.80	15
CO13995+	CO17163	13.29	428 3-	4/0ACSR	882	816	657	276	2016	47	14	0.01	5.81	15
CO13996+	CO13995	13.45	428 3-	4/0ACSR	875	809	651	275	2016	47	14	0.04	5.84	101
CO13997+	CO13996	13.56	428 3-	4/0ACSR	869	804	647	274	2015	47	14	0.03	5.87	75
CO13911+	CO13997	13.72	261 3-	1/0ACSR	860	796	639	273	1160	27	12	0.04	5.91	69
CO13912+	CO13911	13.78	257 3-	1/0ACSR	857	793	637	273	1142	27	12	0.01	5.92	24
CO14012+	CO13912	13.84	3 1-	4ACSR	0	0	633	272	14	1	1	0.00	5.92	0
CO14013+	CO14012	13.88	3 1-	4ACSR	0	0	630	271	14	1	1	0.00	5.92	0
CO14053+	CO14013	13.90	3 1-	4ACSR	0	0	629	271	14	1	1	0.00	5.92	0
CO14054+	CO14053	13.92	2 1-	4ACSR	0	0	628	271	9	0	0	0.00	5.92	0
CO13939+	CO13912	13.83	0 1-	4ACSR	0	0	634	272	0	0	0	0.00	5.92	0
CO13913+	CO13912	13.87	254 3-	1/0ACSR	851	788	632	272	1128	26	12	0.02	5.94	39
CO14064+	CO13913	13.94	3 1-	4ACSR	0	0	628	271	25	1	1	0.00	5.95	0
CO14065+	CO14064	14.01	1 1-	4ACSR	0	0	624	270	15	1	1	0.00	5.95	0
CO13914+	CO13913	13.92	251 3-	1/0ACSR	848	785	630	272	1103	26	11	0.01	5.95	19
CO13938+	CO13914	13.95	1 1-	4ACSR	0	0	628	271	14	1	1	0.00	5.95	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL14090+	COL13914	13.97	250 3-	1/0ACSR	846	783	628	271	1088	25	11	0.01	5.96	16
COL14091+	COL14090	14.02	247 3-	1/0ACSR	843	781	626	271	1078	25	11	0.01	5.98	20
COL13937+	COL14091	14.10	0 1-	4ACSR	0	0	621	270	0	0	0	0.00	5.98	0
COL14028+	COL14091	14.08	3 1-	4ACSR	0	0	623	270	5	0	0	0.00	5.98	0
COL14029+	COL14028	14.14	3 1-	4ACSR	0	0	619	269	5	0	0	0.00	5.98	0
COL14030+	COL14029	14.16	2 1-	4ACSR	0	0	618	269	5	0	0	0.00	5.98	0
COL14113+	COL14091	14.05	242 3-	1/0ACSR	841	779	624	271	1070	25	11	0.01	5.98	13
COL14055+	COL14113	14.08	241 3-	1/0ACSR	839	777	623	270	1070	25	11	0.01	5.99	10
COL13888+	COL14055	14.31	234 3-	1/0ACSR	827	766	613	269	1027	24	11	0.05	6.04	77
COL13969+	COL13888	14.50	232 3-	1/0ACSR	817	757	605	267	1017	24	10	0.04	6.08	63
COL13970+	COL13969	14.55	232 3-	1/0ACSR	814	755	603	267	1016	24	10	0.01	6.09	16
COL14116+	COL13970	14.55	7 1-	4ACSR	0	0	603	267	35	2	2	0.00	6.09	0
OC400+	COL14116	14.55	7 1-	10 N FUSE	0	0	603	267	35	2	25	0.00	6.09	0
COL14117+	OC400	14.61	7 1-	4ACSR	0	0	600	266	35	2	2	0.00	6.09	0
COL13891+	COL14117	14.67	6 1-	4ACSR	0	0	596	265	32	2	2	0.00	6.09	0
COL13921+	COL13891	14.81	0 1-	4ACSR	0	0	588	263	0	0	0	0.00	6.09	0
COL14041+	COL13891	14.73	5 1-	4ACSR	0	0	593	264	26	1	1	0.00	6.10	0
COL14042+	COL14041	14.81	3 1-	4ACSR	0	0	588	263	22	1	1	0.00	6.10	0
COL14043+	COL14042	14.86	1 1-	4ACSR	0	0	586	262	9	0	0	0.00	6.10	0
COL13922+	COL14117	14.66	1 1-	4ACSR	0	0	597	265	3	0	0	0.00	6.09	0
COL13889+	COL13970	14.68	225 3-	1/0ACSR	807	749	598	266	981	23	10	0.03	6.11	41
COL13890+	COL13889	14.81	222 3-	1/0ACSR	801	743	593	265	967	22	10	0.03	6.14	40
COL14128+	COL13890	14.82	15 1-	4ACSR	0	0	592	265	82	5	4	0.00	6.14	0
OC398+	COL14128	14.82	15 1-	15 H OCR	0	0	592	265	82	5	39	0.00	6.14	0
XFMR38	OC398	14.82	15 1-	333 KVA 1PH AUT	0	0	655	165	82	5	25	0.20	6.34	0
COL14129	XFMR38	14.91	15 1-	4ACSR	0	0	645	164	82	11	8	0.05	6.39	6
COL14101	COL14129	14.93	12 1-	4ACSR	0	0	643	164	75	10	8	0.01	6.40	0
COL13976	COL14101	14.95	12 1-	4ACSR	0	0	640	163	75	10	8	0.01	6.41	0
COL13977	COL13976	15.04	12 1-	4ACSR	0	0	630	162	75	10	8	0.04	6.45	5
COL13924	COL13977	15.32	1 1-	4ACSR	0	0	599	160	0	0	0	0.00	6.45	0
COL13978	COL13977	15.23	11 1-	4ACSR	0	0	609	160	75	10	8	0.09	6.54	12
COL13979	COL13978	15.57	11 1-	4ACSR	0	0	573	157	75	10	8	0.17	6.71	21
COL13980	COL13979	15.69	11 1-	4ACSR	0	0	561	156	75	10	8	0.06	6.77	8
COL13981	COL13980	16.03	11 1-	4ACSR	0	0	529	153	75	10	8	0.17	6.94	21
COL13982	COL13981	16.49	11 1-	4ACSR	0	0	490	149	75	10	8	0.22	7.16	28
COL13983	COL13982	16.78	11 1-	4ACSR	0	0	468	146	75	10	8	0.13	7.28	15
COL13898	COL13983	16.88	9 1-	4ACSR	0	0	461	146	58	8	6	0.04	7.32	3
COL14069	COL13898	17.01	3 1-	4ACSR	0	0	451	145	8	1	1	0.01	7.33	0
COL14070	COL14069	17.14	3 1-	4ACSR	0	0	442	143	8	1	1	0.01	7.33	0
COL14048	COL14070	17.22	1 1-	4ACSR	0	0	437	143	5	0	1	0.00	7.33	0
COL13991	COL13898	16.94	6 1-	4ACSR	0	0	456	145	49	7	5	0.02	7.34	0
COL13992	COL13991	16.97	6 1-	4ACSR	0	0	454	145	49	7	5	0.01	7.35	0
COL17211	COL13992	17.27	3 1-	4ACSR	0	0	433	142	25	3	3	0.04	7.39	0
COL17207	COL17211	17.58	1 1-	4ACSR	0	0	414	140	14	2	1	0.03	7.41	0
COL11555	COL17207	17.81	1 1-	4ACSR	0	0	400	138	14	2	1	0.02	7.44	0
COL11554	COL11555	17.95	1 1-	4ACSR	0	0	393	137	14	2	1	0.01	7.45	0
COL17206	COL11554	18.00	1 1-	4ACSR	0	0	390	137	14	2	1	0.00	7.45	0
COL13934	COL13992	17.06	2 1-	4ACSR	0	0	448	144	23	3	2	0.01	7.35	0
COL13933	COL13983	16.84	0 1-	4ACSR	0	0	463	146	0	0	0	0.00	7.28	0
COL14122+	COL13890	14.82	205 3-	1/0ACSR	800	742	592	265	877	20	9	0.00	6.14	0
OC409+	COL14122	14.82	205 3-	70 E OCR	800	742	592	265	877	20	30	0.00	6.14	0
COL14123+	OC409	14.94	205 3-	1/0ACSR	794	737	587	264	877	20	9	0.02	6.16	31

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13971+	CO14123	15.16	205 3-	1/0ACSR	783	727	579	262	877	20	9	0.04	6.20	54
CO13925+	CO13971	15.20	0 1-	4ACSR	0	0	577	262	0	0	0	0.00	6.20	0
CO14044+	CO13971	15.25	0 1-	4ACSR	0	0	574	261	0	0	0	0.00	6.20	0
CO14045+	CO14044	15.33	0 1-	4ACSR	0	0	570	260	0	0	0	0.00	6.20	0
CO14058+	CO13971	15.31	205 3-	1/0ACSR	776	720	574	261	877	20	9	0.03	6.23	36
CO14059+	CO14058	15.35	204 3-	1/0ACSR	774	719	572	261	875	20	9	0.01	6.24	11
CO13926+	CO14059	15.40	2 1-	4ACSR	0	0	569	260	12	0	1	0.00	6.24	0
CO13972+	CO14059	15.45	202 3-	1/0ACSR	770	714	568	260	863	20	9	0.02	6.25	23
CO13973+	CO13972	15.49	202 3-	1/0ACSR	767	713	567	260	863	20	9	0.01	6.26	11
CO14067+	CO13973	15.60	6 1-	4ACSR	0	0	561	259	10	0	1	0.00	6.26	0
CO14068+	CO14067	15.70	3 1-	4ACSR	0	0	556	257	7	0	0	0.00	6.27	0
CO13892+	CO13973	15.57	196 3-	1/0ACSR	764	709	564	259	852	20	9	0.01	6.28	18
CO-182885599+	CO13892	15.65	2 1-	2ACSR	0	0	561	259	3	0	0	0.00	6.28	0
CO14120+	CO13892	15.57	11 1-	4ACSR	0	0	564	259	47	3	2	0.00	6.28	0
OC402+	CO14120	15.57	11 1-	10 N FUSE	0	0	564	259	47	3	34	0.00	6.28	0
CO14121+	OC402	15.69	11 1-	4ACSR	0	0	558	258	47	3	2	0.01	6.28	0
CO14066+	CO14121	15.73	9 1-	4ACSR	0	0	556	257	38	2	2	0.00	6.29	0
CO13984+	CO14066	15.92	9 1-	4ACSR	0	0	546	255	38	2	2	0.01	6.30	0
CO13985+	CO13984	16.02	8 1-	4ACSR	0	0	541	253	29	2	1	0.00	6.30	0
CO13986+	CO13985	16.10	6 1-	4ACSR	0	0	538	252	22	1	1	0.00	6.30	0
CO13987+	CO13986	16.27	6 1-	4ACSR	0	0	530	250	22	1	1	0.01	6.31	0
CO13988+	CO13987	16.39	4 1-	4ACSR	0	0	524	249	16	1	1	0.00	6.31	0
CO14107+	CO13988	16.46	2 1-	4ACSR	0	0	521	248	7	0	0	0.00	6.31	0
CO14108+	CO14107	16.53	1 1-	4ACSR	0	0	517	247	2	0	0	0.00	6.31	0
CO14051+	CO14107	16.52	1 1-	2ACSR	0	0	518	247	5	0	0	0.00	6.31	0
CO14052+	CO14051	16.58	1 1-	2ACSR	0	0	516	247	5	0	0	0.00	6.31	0
CO13893+	CO13892	15.66	183 3-	1/0ACSR	759	705	561	259	802	19	8	0.02	6.29	20
CO13928+	CO13893	15.74	1 1-	4ACSR	0	0	557	258	1	0	0	0.00	6.29	0
CO13927+	CO13893	15.72	2 1-	4ACSR	0	0	558	258	14	1	1	0.00	6.29	0
CO13894+	CO13893	15.93	180 3-	1/0ACSR	747	694	551	257	786	18	8	0.04	6.34	53
CO14046+	CO13894	15.98	5 1-	4ACSR	0	0	548	256	11	0	1	0.00	6.34	0
CO606882487+	CO14046	16.05	1 1-	2ACSR	0	0	546	255	0	0	0	0.00	6.34	0
CO14047+	CO14046	16.06	2 1-	4ACSR	0	0	545	255	5	0	0	0.00	6.34	0
CO13895+	CO13894	16.06	175 3-	1/0ACSR	741	689	547	256	775	18	8	0.02	6.36	26
CO13929+	CO13895	16.12	1 1-	4ACSR	0	0	544	255	6	0	0	0.00	6.36	0
CO13896+	CO13895	16.22	174 3-	1/0ACSR	734	683	541	255	769	18	8	0.03	6.38	31
CO13989+	CO13896	16.39	164 3-	1/0ACSR	727	676	536	254	731	17	8	0.03	6.41	29
CO17208+	CO13989	16.69	164 3-	1/0ACSR	714	665	526	252	730	17	8	0.05	6.45	52
CO11556+	CO17208	16.87	164 3-	1/0ACSR	707	658	520	250	730	17	8	0.03	6.48	31
CO11565+	CO11556	16.95	1 1-	4ACSR	0	0	517	249	4	0	0	0.00	6.48	0
CO11587+	CO11565	16.97	1 1-	4ACSR	0	0	516	249	4	0	0	0.00	6.48	0
CO11557+	CO11556	16.92	163 3-	1/0ACSR	705	656	519	250	726	17	7	0.01	6.49	8
CO17264+	CO11557	17.04	58 1-	4ACSR	0	0	513	249	193	13	10	0.04	6.53	12
OC403+	CO17264	17.04	58 1-	50 E OCR	0	0	513	249	193	13	28	0.00	6.53	0
CO17265+	OC403	17.22	58 1-	4ACSR	0	0	506	246	193	13	10	0.05	6.58	18
CO13990+	CO17265	17.53	57 1-	2ACSR	0	0	495	244	185	13	7	0.06	6.64	19
CO-1879080943+	CO13990	17.54	1 1-	2ACSR	0	0	495	244	0	0	0	0.00	6.64	0
CO1491683279+	CO13990	17.63	56 1-	2ACSR	0	0	492	243	185	13	7	0.02	6.67	7
CO13930+	CO1491683279	17.69	1 1-	4ACSR	0	0	489	242	7	0	0	0.00	6.67	0
CO13897+	CO1491683279	17.81	0 1-	4ACSR	0	0	485	241	0	0	0	0.00	6.67	0
CO13932+	CO13897	17.96	0 1-	4ACSR	0	0	479	239	0	0	0	0.00	6.67	0
CO13931+	CO13897	17.91	0 1-	4ACSR	0	0	481	240	0	0	0	0.00	6.67	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
XFMR39	CO1491683279	17.63	55 1-	333 KVA 1PH AUT	0	0	594	161	178	12	55	0.44	7.11	0
CO17161	XFMR39	17.78	55 1-	4ACSR	0	0	579	159	178	25	18	0.17	7.28	52
CO14325	CO17161	17.94	51 1-	4ACSR	0	0	564	158	163	23	17	0.16	7.44	43
CO14324	CO14325	18.09	49 1-	4ACSR	0	0	550	156	158	22	16	0.16	7.59	42
CO14469	CO14324	18.17	48 1-	4ACSR	0	0	542	155	156	22	16	0.08	7.68	22
CO14470	CO14469	18.26	47 1-	4ACSR	0	0	534	155	153	21	16	0.09	7.76	23
SW420-B	CO14470	18.26	0 1-	Open	0	0	534	155	0	0	0	0.00	7.76	0
CO14349	CO14470	18.32	1 1-	4ACSR	0	0	529	154	5	0	0	0.00	7.76	0
CO14468	CO14470	18.36	46 1-	4ACSR	0	0	525	154	148	21	15	0.10	7.86	25
CO14523	CO14468	18.43	46 1-	4ACSR	0	0	519	153	148	21	15	0.06	7.93	16
CO14524	CO14523	18.51	2 1-	4ACSR	0	0	513	152	6	0	1	0.00	7.93	0
CO14466	CO14523	18.51	44 1-	2ACSR	0	0	514	152	143	20	11	0.05	7.98	12
CO14467	CO14466	18.54	44 1-	2ACSR	0	0	511	152	142	20	11	0.02	8.00	5
CO14465	CO14467	18.63	44 1-	2ACSR	0	0	505	152	142	20	11	0.05	8.05	12
CO-1564012935	CO14465	18.90	43 1-	2ACSR	0	0	487	150	142	20	11	0.18	8.23	41
CO11781	CO-1564012935	18.92	42 1-	4ACSR	0	0	486	150	139	20	14	0.02	8.25	4
CO11779	CO11781	19.00	41 1-	4ACSR	0	0	480	149	127	18	13	0.06	8.31	14
CO11711	CO11779	19.07	0 1-	4ACSR	0	0	474	149	0	0	0	0.00	8.31	0
CO11743	CO11779	19.17	41 1-	6ACWC	0	0	468	148	127	18	13	0.14	8.45	30
CO11744	CO11743	19.20	40 1-	6ACWC	0	0	465	147	126	18	13	0.03	8.48	7
CO11742	CO11744	19.39	40 1-	6ACWC	0	0	452	146	126	18	13	0.15	8.63	33
CO11701	CO11742	19.54	37 1-	6ACWC	0	0	442	145	108	15	11	0.10	8.73	18
CO11741	CO11701	19.63	35 1-	6ACWC	0	0	436	144	108	15	11	0.07	8.80	12
CO11802	CO11741	19.66	34 1-	6ACWC	0	0	434	144	104	15	11	0.02	8.82	3
CO11801	CO11802	19.67	33 1-	6ACWC	0	0	434	144	103	14	11	0.00	8.82	0
CO-1666065060	CO11801	19.72	0 1-	2ACSR	0	0	431	143	0	0	0	0.00	8.82	0
CO11799	CO11801	19.68	33 1-	6ACWC	0	0	433	144	103	14	11	0.00	8.83	0
OC327	CO11799	19.68	33 1-	15 H OCR	0	0	433	144	103	14	99	0.00	8.83	0
CO11800	OC327	19.73	33 1-	6ACWC	0	0	430	143	103	14	11	0.04	8.86	6
CO11777	CO11800	19.84	32 1-	6ACWC	0	0	423	142	102	14	11	0.07	8.93	13
CO11776	CO11777	19.86	31 1-	6ACWC	0	0	422	142	100	14	10	0.01	8.95	0
CO11775	CO11776	19.98	31 1-	6ACWC	0	0	414	141	100	14	10	0.08	9.02	14
CO11746	CO11775	20.10	31 1-	6ACWC	0	0	408	140	99	14	10	0.07	9.10	12
CO-674041306	CO11746	20.23	2 1-	1/0PRIURD	0	0	403	252	11	1	1	0.00	9.10	0
CO11745	CO11746	20.20	28 1-	6ACWC	0	0	402	140	80	11	8	0.05	9.15	7
CO17215	CO11745	20.46	2 1-	6ACWC	0	0	388	138	3	0	0	0.00	9.15	0
CO14673	CO17215	20.50	0 1-	6ACWC	0	0	386	137	0	0	0	0.00	9.15	0
CO11784	CO17215	20.66	2 1-	4ACSR	0	0	377	136	3	0	0	0.00	9.15	0
CO11730	CO11784	20.70	1 1-	4ACSR	0	0	375	136	0	0	0	0.00	9.15	0
CO11747	CO11745	20.23	24 1-	6ACWC	0	0	400	139	73	10	8	0.02	9.16	0
CO17228	CO11747	20.43	23 1-	6ACWC	0	0	389	138	72	10	7	0.09	9.26	11
CO17171	CO17228	20.49	1 1-	4ACSR	0	0	386	137	4	0	0	0.00	9.26	0
CO16313	CO17171	20.63	1 1-	4ACSR	0	0	379	136	4	0	0	0.00	9.26	0
CO17170	CO17228	20.57	20 1-	6ACWC	0	0	382	137	67	9	7	0.06	9.31	7
CO16314	CO17170	20.69	18 1-	6ACWC	0	0	376	136	66	9	7	0.05	9.37	6
CO16458	CO16314	20.73	17 1-	6ACWC	0	0	374	136	65	9	7	0.02	9.38	0
CO16459	CO16458	20.80	15 1-	6ACWC	0	0	370	135	61	8	6	0.03	9.41	3
CO16315	CO16459	20.95	15 1-	6ACWC	0	0	363	134	61	8	6	0.06	9.47	6
CO16316	CO16315	20.99	15 1-	6ACWC	0	0	361	134	61	8	6	0.01	9.49	0
CO16317	CO16316	21.26	15 1-	6ACWC	0	0	349	132	61	8	6	0.10	9.59	11
CO16268	CO16317	21.37	6 1-	6ACWC	0	0	344	131	29	4	3	0.02	9.61	0
CO16287	CO16268	21.45	1 1-	6ACWC	0	0	341	131	0	0	0	0.00	9.61	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16269	CO16268	21.52	4 1-	6ACWC	0	0	338	130	20	2	2	0.02	9.63	0
CO16270	CO16269	21.56	4 1-	6ACWC	0	0	336	130	20	2	2	0.00	9.63	0
CO16472	CO16270	21.76	1 1-	1/0PRIURD	0	0	331	219	6	0	1	0.00	9.63	0
CO16325	CO16270	21.67	1 1-	6ACWC	0	0	332	129	3	0	0	0.00	9.63	0
CO16326	CO16325	21.72	1 1-	6ACWC	0	0	330	129	3	0	0	0.00	9.64	0
CO16286	CO16270	21.64	2 1-	6ACWC	0	0	333	130	11	1	1	0.00	9.64	0
CO16271	CO16317	21.33	7 1-	6ACWC	0	0	346	132	21	3	2	0.01	9.60	0
CO16289	CO16271	21.41	2 1-	6ACWC	0	0	343	131	3	0	0	0.00	9.60	0
CO16318	CO16271	21.47	3 1-	6ACWC	0	0	340	131	8	1	1	0.01	9.60	0
CO16319	CO16318	21.75	3 1-	6ACWC	0	0	329	129	8	1	1	0.01	9.62	0
CO16323	CO16319	21.97	1 1-	6ACWC	0	0	320	127	0	0	0	0.00	9.62	0
CO16324	CO16323	22.00	1 1-	6ACWC	0	0	319	127	0	0	0	0.00	9.62	0
CO16320	CO16319	21.91	2 1-	6ACWC	0	0	323	128	8	1	1	0.01	9.63	0
CO16321	CO16320	22.02	1 1-	6ACWC	0	0	318	127	3	0	0	0.00	9.63	0
CO16322	CO16321	22.10	1 1-	6ACWC	0	0	315	127	3	0	0	0.00	9.63	0
CO16288	CO16317	21.34	1 1-	6ACWC	0	0	346	131	11	1	1	0.00	9.59	0
CO16285	CO16315	20.98	0 1-	6ACWC	0	0	362	134	0	0	0	0.00	9.47	0
CO14358	CO17228	20.49	2 1-	4ACSR	0	0	386	137	0	0	0	0.00	9.26	0
CO11714	CO11701	19.60	1 1-	4ACSR	0	0	438	144	0	0	0	0.00	8.73	0
CO11713	CO11701	19.68	1 1-	4ACSR	0	0	433	144	0	0	0	0.00	8.73	0
CO11783	CO11742	19.51	3 1-	4ACSR	0	0	444	145	18	2	2	0.01	8.64	0
CO11712	CO11783	19.63	2 1-	4ACSR	0	0	436	144	12	1	1	0.00	8.65	0
CO11782	CO11783	19.58	0 1-	4ACSR	0	0	439	144	0	0	0	0.00	8.64	0
CO11778	CO11781	19.01	1 1-	4ACSR	0	0	479	149	13	1	1	0.00	8.25	0
CO11780	CO-1564012935	19.03	1 1-	4ACSR	0	0	477	149	2	0	0	0.00	8.23	0
CO14464	CO14465	18.69	1 1-	2ACSR	0	0	501	151	0	0	0	0.00	8.05	0
CO14348	CO14324	18.17	1 1-	4ACSR	0	0	542	155	2	0	0	0.00	7.59	0
CO14347	CO14325	18.24	1 1-	4ACSR	0	0	536	155	0	0	0	0.00	7.44	0
CO14471	CO17161	17.85	4 1-	4ACSR	0	0	572	158	15	2	2	0.00	7.28	0
CO14472	CO14471	17.91	2 1-	4ACSR	0	0	567	158	8	1	1	0.00	7.29	0
CO11591+	CO11557	16.96	25 3-	1/0ACSR	704	655	518	250	134	3	1	0.00	6.49	0
CO11592+	CO11591	17.35	25 3-	1/0ACSR	689	641	506	247	134	3	1	0.01	6.50	2
CO11689+	CO11592	17.35	22 1-	4ACSR	0	0	506	247	121	8	6	0.00	6.50	0
OC321+	CO11689	17.35	22 1-	10 N FUSE	0	0	506	247	121	8	86	0.00	6.50	0
CO11690+	OC321	17.53	22 1-	4ACSR	0	0	498	245	121	8	6	0.03	6.53	7
CO11564+	CO11690	17.68	2 1-	4ACSR	0	0	492	243	13	0	1	0.00	6.54	0
CO11593+	CO11690	17.66	20 1-	4ACSR	0	0	493	243	108	7	5	0.02	6.56	4
CO11594+	CO11593	17.71	20 1-	4ACSR	0	0	491	243	108	7	5	0.01	6.57	0
CO11674+	CO11594	17.80	7 1-	4ACSR	0	0	487	242	28	2	1	0.00	6.57	0
CO11630+	CO11674	17.87	5 1-	4ACSR	0	0	484	241	11	0	1	0.00	6.57	0
CO11631+	CO11630	17.91	3 1-	4ACSR	0	0	483	241	11	0	1	0.00	6.57	0
CO11632+	CO11631	17.96	3 1-	4ACSR	0	0	481	240	11	0	1	0.00	6.57	0
CO11675+	CO11674	17.84	1 1-	4ACSR	0	0	486	241	6	0	0	0.00	6.57	0
CO11559+	CO11594	18.00	12 1-	4ACSR	0	0	479	239	79	5	4	0.04	6.60	5
CO11649+	CO11559	18.14	12 1-	4ACSR	0	0	474	238	79	5	4	0.02	6.62	0
CO11566+	CO11649	18.22	1 1-	4ACSR	0	0	471	237	5	0	0	0.00	6.62	0
CO11633+	CO11649	18.21	10 1-	4ACSR	0	0	471	237	63	4	3	0.01	6.63	0
CO11676+	CO11633	18.25	10 1-	4ACSR	0	0	470	237	63	4	3	0.00	6.63	0
CO11634+	CO11676	18.30	8 1-	4ACSR	0	0	468	236	51	3	3	0.00	6.64	0
CO11650+	CO11634	18.32	8 1-	4ACSR	0	0	467	236	51	3	3	0.00	6.64	0
CO11687+	CO11650	18.39	5 1-	4ACSR	0	0	465	235	25	1	1	0.00	6.64	0
CO11590+	CO11687	18.45	1 1-	2ACSR	0	0	463	235	2	0	0	0.00	6.64	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL1688+	COL1687	18.40	4 1-	4ACSR	0	0	464	235	23	1	1	0.00	6.64	0
COL1635+	COL1688	18.43	3 1-	4ACSR	0	0	463	235	14	0	1	0.00	6.64	0
COL1677+	COL1676	18.29	1 1-	4ACSR	0	0	468	236	9	0	0	0.00	6.63	0
COL1697+	COL1559	18.04	0 1-	4ACSR	0	0	478	239	0	0	0	0.00	6.60	0
SW325-B+	COL1697	18.04	0 1-	Open	0	0	478	239	0	0	0	0.00	6.60	0
COL1558+	COL1592	17.43	3 3-	1/0ACSR	685	638	503	247	13	0	0	0.00	6.50	0
COL1696+	COL1558	17.44	0 1-	4ACSR	0	0	503	247	0	0	0	0.00	6.50	0
SW324-A+	COL1696	17.44	0 1-	Open	0	0	503	247	0	0	0	0.00	6.50	0
COL1651+	COL1558	17.53	3 1-	4ACSR	0	0	499	245	13	0	1	0.00	6.50	0
COL1652+	COL1651	17.56	1 1-	4ACSR	0	0	498	245	10	0	1	0.00	6.50	0
COL1644+	COL1652	17.60	1 1-	4ACSR	0	0	496	245	10	0	1	0.00	6.50	0
COL1560+	COL1557	17.21	80 3-	1/0ACSR	694	646	510	248	398	9	4	0.02	6.51	15
COL1595+	COL1560	17.36	79 3-	1/0ACSR	688	641	506	247	392	9	4	0.01	6.52	8
COL1596+	COL1595	17.46	79 3-	1/0ACSR	684	637	503	246	392	9	4	0.01	6.53	5
COL1636+	COL1596	17.52	1 1-	4ACSR	0	0	500	246	0	0	0	0.00	6.53	0
COL1647+	COL1636	17.59	1 1-	4ACSR	0	0	497	245	0	0	0	0.00	6.53	0
COL1648+	COL1647	17.60	0 1-	4ACSR	0	0	497	245	0	0	0	0.00	6.53	0
COL1597+	COL1596	17.59	78 3-	1/0ACSR	679	633	499	246	392	9	4	0.01	6.54	6
COL1598+	COL1597	17.61	78 3-	1/0ACSR	678	632	498	245	392	9	4	0.00	6.54	0
COL1599+	COL1598	17.73	78 3-	1/0ACSR	674	628	495	245	392	9	4	0.01	6.55	6
COL1698+	COL1599	17.74	0 1-	4ACSR	0	0	495	245	0	0	0	0.00	6.55	0
SW325-A+	COL1698	17.74	0 1-	Open	0	0	495	245	0	0	0	0.00	6.55	0
COL1600+	COL1599	17.85	78 3-	1/0ACSR	670	624	492	244	392	9	4	0.01	6.56	6
COL1667+	COL1600	17.89	78 3-	1/0ACSR	668	623	490	244	392	9	4	0.00	6.57	0
COL1668+	COL1667	17.91	77 3-	1/0ACSR	668	622	490	244	389	9	4	0.00	6.57	0
COL1604+	COL1668	18.03	69 3-	1/0ACSR	663	618	487	243	364	8	4	0.01	6.58	5
COL1605+	COL1604	18.07	67 3-	1/0ACSR	662	617	486	243	364	8	4	0.00	6.58	0
COL1664+	COL1605	18.17	67 3-	1/0ACSR	658	614	483	242	364	8	4	0.01	6.59	4
COL1665+	COL1664	18.19	66 3-	1/0ACSR	658	613	482	242	363	8	4	0.00	6.59	0
COL1669+	COL1665	18.26	66 3-	1/0ACSR	655	611	480	241	363	8	4	0.01	6.60	3
COL1670+	COL1669	18.27	66 3-	1/0ACSR	655	610	480	241	363	8	4	0.00	6.60	0
COL1606+	COL1670	18.34	66 3-	1/0ACSR	652	608	478	241	363	8	4	0.01	6.60	3
COL1573+	COL1606	18.40	1 1-	4ACSR	0	0	476	240	0	0	0	0.00	6.60	0
COL1607+	COL1606	18.38	62 3-	1/0ACSR	651	607	477	241	342	8	4	0.00	6.60	0
COL1608+	COL1607	18.45	62 3-	1/0ACSR	648	605	475	240	342	8	4	0.01	6.61	3
COL1662+	COL1608	18.55	58 3-	1/0ACSR	645	602	473	239	319	7	3	0.01	6.62	3
COL1663+	COL1662	18.59	57 3-	1/0ACSR	644	601	472	239	304	7	3	0.00	6.62	0
COL1577+	COL1663	18.68	2 1-	4ACSR	0	0	468	238	8	0	0	0.00	6.62	0
COL1609+	COL1663	18.66	51 3-	1/0ACSR	641	598	470	239	265	6	3	0.00	6.62	0
COL1610+	COL1609	18.74	51 3-	1/0ACSR	639	596	468	238	265	6	3	0.00	6.63	0
COL1578+	COL1610	18.83	1 1-	4ACSR	0	0	465	237	2	0	0	0.00	6.63	0
COL1611+	COL1610	18.81	47 3-	1/0ACSR	636	594	466	238	254	6	3	0.00	6.63	0
COL1612+	COL1611	18.87	47 3-	1/0ACSR	634	592	465	238	254	6	3	0.00	6.63	0
COL1660+	COL1612	18.91	47 3-	1/0ACSR	633	591	464	237	254	6	3	0.00	6.64	0
COL1661+	COL1660	18.92	46 3-	1/0ACSR	633	591	464	237	245	5	3	0.00	6.64	0
COL1613+	COL1661	18.95	46 3-	1/0ACSR	632	590	463	237	245	5	3	0.00	6.64	0
COL1579+	COL1613	18.99	0 1-	4ACSR	0	0	461	237	0	0	0	0.00	6.64	0
XFMR41	COL1613	18.95	46 1-	333 KVA 1PH AUT	0	0	572	159	245	17	76	0.63	7.26	0
COL1693	XFMR41	18.95	46 1-	4ACSR	0	0	572	159	245	35	25	0.01	7.27	4
OC323	COL1693	18.95	46 1-	50 H OCR	0	0	572	159	245	35	70	0.00	7.27	0
COL1694	OC323	18.99	46 1-	4ACSR	0	0	568	159	245	35	25	0.06	7.34	27
COL1614	COL1694	19.17	45 1-	4ACSR	0	0	552	157	242	34	25	0.26	7.60	107

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11658	CO11614	19.22	4 1-	4ACSR	0	0	548	157	12	1	1	0.00	7.60	0
CO11659	CO11658	19.27	2 1-	4ACSR	0	0	543	156	10	1	1	0.00	7.61	0
CO11641	CO11659	19.33	1 1-	4ACSR	0	0	537	156	7	0	1	0.00	7.61	0
CO11615	CO11614	19.26	39 1-	4ACSR	0	0	544	156	221	31	23	0.13	7.73	47
CO11616	CO11615	19.35	38 1-	4ACSR	0	0	536	156	215	30	22	0.13	7.86	46
CO11617	CO11616	19.42	38 1-	4ACSR	0	0	530	155	214	30	22	0.10	7.96	37
CO11562	CO11617	19.57	29 1-	4ACSR	0	0	517	154	159	22	16	0.16	8.11	42
CO11563	CO11562	19.65	22 1-	4ACSR	0	0	510	153	143	20	15	0.07	8.18	17
CO11657	CO11563	19.75	3 1-	4ACSR	0	0	502	152	17	2	2	0.01	8.19	0
CO17205	CO11657	19.90	1 1-	4ACSR	0	0	490	151	7	1	1	0.00	8.20	0
CO11618	CO11563	19.87	19 1-	4ACSR	0	0	493	151	125	18	13	0.18	8.36	38
CO11619	CO11618	19.90	19 1-	4ACSR	0	0	490	151	125	18	13	0.03	8.39	6
CO11620	CO11619	19.91	19 1-	4ACSR	0	0	490	151	125	18	13	0.01	8.40	0
CO11653	CO11620	20.02	15 1-	4ACSR	0	0	481	150	99	14	10	0.07	8.46	11
CO780471879	CO11653	20.03	13 1-	2ACSR	0	0	480	149	85	12	7	0.01	8.47	0
CO-397037819	CO780471879	20.10	1 1-	2ACSR	0	0	476	149	1	0	0	0.00	8.47	0
CO-1129549170	CO780471879	20.06	12 1-	2ACSR	0	0	478	149	84	12	7	0.01	8.48	0
CO11666	CO-1129549170	20.14	11 1-	4ACSR	0	0	472	149	84	12	9	0.04	8.52	6
CO11671	CO11666	20.26	10 1-	4ACSR	0	0	464	148	77	11	8	0.05	8.58	7
CO11672	CO11671	20.29	9 1-	4ACSR	0	0	462	147	70	10	7	0.01	8.59	0
CO11621	CO11672	20.31	9 1-	4ACSR	0	0	461	147	69	10	7	0.01	8.60	0
CO11622	CO11621	20.52	6 1-	4ACSR	0	0	446	145	51	7	5	0.07	8.67	6
CO11623	CO11622	20.60	6 1-	4ACSR	0	0	441	145	50	7	5	0.03	8.69	2
CO11624	CO11623	20.69	5 1-	4ACSR	0	0	435	144	48	7	5	0.03	8.72	2
CO11625	CO11624	20.77	5 1-	4ACSR	0	0	430	143	48	7	5	0.02	8.75	0
CO11699	CO11625	21.01	5 1-	4ACSR	0	0	415	142	48	7	5	0.07	8.82	6
CO11700	CO11699	21.11	5 1-	4ACSR	0	0	409	141	48	7	5	0.03	8.86	3
CO11681	CO11700	21.22	5 1-	4ACSR	0	0	403	140	48	7	5	0.03	8.89	3
CO11588	CO11681	21.25	1 1-	2ACSR	0	0	401	140	3	0	0	0.00	8.89	0
CO11682	CO11681	21.28	4 1-	4ACSR	0	0	399	139	45	6	5	0.02	8.91	0
CO11685	CO11682	21.37	3 1-	4ACSR	0	0	395	139	41	5	4	0.02	8.93	0
CO11686	CO11685	21.42	2 1-	4ACSR	0	0	392	138	40	5	4	0.01	8.94	0
CO11673	CO11686	21.44	2 1-	4ACSR	0	0	391	138	40	5	4	0.00	8.95	0
CO11678	CO11673	21.59	1 1-	1/0PRIURD	0	0	386	244	5	0	0	0.00	8.95	0
CO11589	CO11685	21.40	1 1-	2ACSR	0	0	393	139	1	0	0	0.00	8.93	0
CO11580	CO11621	20.37	1 1-	4ACSR	0	0	456	147	4	0	0	0.00	8.60	0
CO11581	CO-1129549170	20.13	1 1-	4ACSR	0	0	474	149	0	0	0	0.00	8.48	0
CO11582	CO11620	20.06	3 1-	4ACSR	0	0	478	149	14	2	1	0.01	8.40	0
CO11584	CO11562	19.69	2 1-	4ACSR	0	0	507	153	6	0	1	0.00	8.12	0
CO11583	CO11562	19.64	3 1-	4ACSR	0	0	511	153	8	1	1	0.00	8.12	0
CO11626	CO11617	19.50	6 1-	4ACSR	0	0	523	154	51	7	5	0.02	7.98	0
CO11627	CO11626	19.52	5 1-	4ACSR	0	0	521	154	40	5	4	0.01	7.99	0
CO441267905	CO11627	19.60	1 1-	2ACSR	0	0	515	153	0	0	0	0.00	7.99	0
CO11655	CO11627	19.60	3 1-	4ACSR	0	0	515	153	31	4	3	0.01	8.00	0
CO11656	CO11655	19.64	2 1-	4ACSR	0	0	511	153	21	2	2	0.00	8.00	0
CO11586	CO11656	19.71	0 1-	4ACSR	0	0	505	152	0	0	0	0.00	8.00	0
CO11585	CO11656	19.73	1 1-	4ACSR	0	0	503	152	9	1	1	0.00	8.01	0
CO11679+	CO11663	18.65	2 1-	4ACSR	0	0	470	239	19	1	1	0.00	6.62	0
CO11680+	CO11679	18.72	2 1-	4ACSR	0	0	467	238	19	1	1	0.00	6.62	0
CO11639+	CO11679	18.69	0 1-	4ACSR	0	0	468	238	0	0	0	0.00	6.62	0
CO11640+	CO11639	18.75	0 1-	4ACSR	0	0	466	237	0	0	0	0.00	6.62	0
CO11576+	CO11608	18.51	1 1-	4ACSR	0	0	473	239	0	0	0	0.00	6.61	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL11575+	COL11608	18.50	2 1-	4ACSR	0	0	474	240	15	1	1	0.00	6.61	0
COL11574+	COL11608	18.51	1 1-	4ACSR	0	0	473	239	8	0	0	0.00	6.61	0
COL11637+	COL11606	18.40	3 1-	4ACSR	0	0	476	240	21	1	1	0.00	6.60	0
COL11638+	COL11637	18.45	1 1-	4ACSR	0	0	474	240	14	0	1	0.00	6.60	0
COL11572+	COL11668	17.97	1 1-	4ACSR	0	0	487	243	8	0	0	0.00	6.57	0
COL11691+	COL11668	17.91	7 1-	4ACSR	0	0	490	243	17	1	1	0.00	6.57	0
OC322+	COL11691	17.91	7 1-	10 N FUSE	0	0	490	243	17	1	12	0.00	6.57	0
COL11692+	OC322	18.28	7 1-	4ACSR	0	0	475	239	17	1	1	0.01	6.58	0
COL11571+	COL11692	18.45	2 1-	4ACSR	0	0	469	237	0	0	0	0.00	6.58	0
COL11561+	COL11692	18.43	5 1-	4ACSR	0	0	470	238	16	1	1	0.00	6.58	0
COL11570+	COL11561	18.58	1 1-	4ACSR	0	0	464	236	3	0	0	0.00	6.58	0
COL11601+	COL11561	18.55	3 1-	4ACSR	0	0	465	236	10	0	1	0.00	6.58	0
COL11602+	COL11601	18.58	2 1-	4ACSR	0	0	464	236	1	0	0	0.00	6.58	0
COL11603+	COL11602	18.98	2 1-	4ACSR	0	0	450	232	1	0	0	0.00	6.58	0
COL11569+	COL11603	19.05	1 1-	4ACSR	0	0	447	231	0	0	0	0.00	6.58	0
COL11568+	COL11603	19.07	0 1-	4ACSR	0	0	447	231	0	0	0	0.00	6.58	0
COL11567+	COL11560	17.26	1 1-	4ACSR	0	0	508	247	6	0	0	0.00	6.51	0
COL13974+	COL13896	16.34	10 1-	6ACWC	0	0	536	253	38	2	2	0.01	6.39	0
COL13975+	COL13974	16.62	8 1-	6ACWC	0	0	523	250	25	1	1	0.01	6.40	0
COL17210+	COL13975	16.85	6 1-	6ACWC	0	0	513	247	14	1	1	0.00	6.40	0
COL11642+	COL17210	16.88	1 1-	6ACWC	0	0	511	247	0	0	0	0.00	6.40	0
COL11643+	COL11642	16.92	1 1-	6ACWC	0	0	509	246	0	0	0	0.00	6.40	0
COL11683+	COL17210	16.92	3 1-	6ACWC	0	0	510	246	12	0	1	0.00	6.41	0
COL11684+	COL11683	17.00	2 1-	6ACWC	0	0	506	245	3	0	0	0.00	6.41	0
COL11628+	COL11684	17.19	2 1-	6ACWC	0	0	498	243	3	0	0	0.00	6.41	0
COL11629+	COL11628	17.25	2 1-	6ACWC	0	0	496	242	3	0	0	0.00	6.41	0
COL11645+	COL11683	16.94	1 1-	2ACSR	0	0	509	246	9	0	0	0.00	6.41	0
COL11646+	COL11645	17.01	1 1-	2ACSR	0	0	506	245	9	0	0	0.00	6.41	0
COL17209+	COL13975	16.66	1 1-	4/0 E (CWC)	0	0	522	250	10	0	0	0.00	6.40	0
COL13923+	COL13890	14.91	2 1-	4ACSR	0	0	587	264	8	0	0	0.00	6.14	0
COL13920+	COL13889	14.74	3 1-	4ACSR	0	0	595	265	13	0	1	0.00	6.11	0
COL13919+	COL13889	14.82	0 1-	4ACSR	0	0	590	264	0	0	0	0.00	6.11	0
COL13918+	COL13888	14.41	1 1-	4ACSR	0	0	608	267	6	0	0	0.00	6.04	0
COL14118+	COL14055	14.09	7 1-	4ACSR	0	0	623	270	42	2	2	0.00	5.99	0
OC401+	COL14118	14.09	7 1-	10 N FUSE	0	0	623	270	42	2	30	0.00	5.99	0
COL14119+	OC401	14.18	7 1-	4ACSR	0	0	617	269	42	2	2	0.00	5.99	0
COL14063+	COL14119	14.23	5 1-	4ACSR	0	0	615	268	26	1	1	0.00	6.00	0
COL13968+	COL14063	14.31	5 1-	4ACSR	0	0	609	267	26	1	1	0.00	6.00	0
COL13917+	COL13968	14.36	1 1-	4ACSR	0	0	607	266	11	0	1	0.00	6.00	0
COL13966+	COL13968	14.52	4 1-	4ACSR	0	0	597	264	15	1	1	0.00	6.01	0
COL13967+	COL13966	14.73	4 1-	4ACSR	0	0	585	261	15	1	1	0.00	6.01	0
COL17165+	COL13967	14.92	0 1-	4ACSR	0	0	575	259	0	0	0	0.00	6.01	0
COL14056+	COL13967	14.86	4 1-	4ACSR	0	0	578	260	15	1	1	0.00	6.01	0
COL14057+	COL14056	14.94	3 1-	4ACSR	0	0	574	259	15	1	1	0.00	6.02	0
COL13994+	COL14057	15.00	2 1-	4ACSR	0	0	570	258	7	0	0	0.00	6.02	0
COL17162+	COL13994	15.05	1 1-	4ACSR	0	0	568	257	7	0	0	0.00	6.02	0
COL14497+	COL17162	15.11	1 1-	4ACSR	0	0	565	256	7	0	0	0.00	6.02	0
COL14496+	COL14497	15.14	1 1-	4ACSR	0	0	563	256	7	0	0	0.00	6.02	0
COL14495+	COL14496	15.20	1 1-	4ACSR	0	0	560	255	7	0	0	0.00	6.02	0
COL14494+	COL14495	15.24	1 1-	4ACSR	0	0	558	255	7	0	0	0.00	6.02	0
COL13916+	COL14057	15.01	1 1-	4ACSR	0	0	570	258	8	0	0	0.00	6.02	0
COL14016+	COL13911	13.84	1 1-	4ACSR	0	0	632	271	1	0	0	0.00	5.91	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL4017+	COL4016	13.91	0 1-	4ACSR	0	0	627	270	0	0	0	0.00	5.91	0
COL4014+	COL3911	13.85	3 1-	4ACSR	0	0	631	271	16	1	1	0.00	5.91	0
COL4015+	COL4014	13.90	0 1-	4ACSR	0	0	628	271	0	0	0	0.00	5.91	0
COL13899+	COL13997	13.60	167 3-	1/0ACSR	867	802	645	274	855	20	9	0.01	5.88	9
COL13900+	COL13899	13.64	165 3-	1/0ACSR	865	800	643	274	853	20	9	0.01	5.88	9
COL14071+	COL13900	13.68	165 3-	1/0ACSR	862	798	641	273	853	20	9	0.01	5.89	10
COL14072+	COL14071	13.78	165 3-	1/0ACSR	857	793	637	273	852	20	9	0.02	5.91	23
COL13998+	COL14072	13.82	165 3-	1/0ACSR	854	791	635	272	852	20	9	0.01	5.92	10
COL14018+	COL13998	13.88	1 1-	4ACSR	0	0	631	272	2	0	0	0.00	5.92	0
COL14019+	COL14018	13.96	0 1-	4ACSR	0	0	626	270	0	0	0	0.00	5.92	0
COL14020+	COL14019	14.11	0 1-	4ACSR	0	0	617	268	0	0	0	0.00	5.92	0
COL13999+	COL13998	13.95	164 3-	1/0ACSR	847	784	629	271	850	20	9	0.02	5.94	29
COL14081+	COL13999	13.96	164 3-	1/0ACSR	846	784	629	271	850	20	9	0.00	5.94	3
COL14082+	COL14081	13.99	163 3-	1/0ACSR	845	782	627	271	847	20	9	0.01	5.95	8
COL14083+	COL14082	14.04	162 3-	1/0ACSR	842	779	625	271	839	19	9	0.01	5.96	11
COL14084+	COL14083	14.14	161 3-	1/0ACSR	836	774	620	270	839	19	9	0.02	5.97	24
COL14085+	COL14084	14.18	161 3-	1/0ACSR	834	773	619	270	839	19	9	0.01	5.98	7
COL14086+	COL14085	14.24	159 3-	1/0ACSR	831	770	616	269	834	19	9	0.01	5.99	15
COL14087+	COL14086	14.33	157 3-	1/0ACSR	826	765	612	268	813	19	8	0.02	6.01	20
COL13941+	COL14087	14.36	0 1-	4ACSR	0	0	611	268	0	0	0	0.00	6.01	0
COL13940+	COL14087	14.39	2 1-	4ACSR	0	0	609	268	20	1	1	0.00	6.01	0
COL13901+	COL14087	14.42	155 3-	1/0ACSR	821	761	609	268	793	18	8	0.01	6.02	17
COL14002+	COL13901	14.47	151 3-	1/0ACSR	819	759	607	267	760	18	8	0.01	6.03	9
COL14003+	COL14002	14.51	150 3-	1/0ACSR	816	756	605	267	760	18	8	0.01	6.04	9
COL13945+	COL14003	14.56	2 1-	4ACSR	0	0	602	266	14	1	1	0.00	6.04	0
COL14004+	COL14003	14.58	148 3-	1/0ACSR	813	753	602	267	745	17	8	0.01	6.05	12
COL14005+	COL14004	14.66	148 3-	1/0ACSR	809	750	599	266	745	17	8	0.01	6.06	14
COL13905+	COL14005	14.70	88 1-	4ACSR	0	0	596	265	395	28	20	0.03	6.09	20
COL13947+	COL13905	14.75	2 1-	4ACSR	0	0	594	265	15	1	1	0.00	6.09	0
COL14036+	COL13905	14.74	86 1-	4ACSR	0	0	594	265	381	27	19	0.02	6.11	15
COL14088+	COL14036	14.78	86 1-	4ACSR	0	0	592	264	380	27	19	0.03	6.14	16
COL14092+	COL14088	14.83	86 1-	4ACSR	0	0	589	264	380	27	19	0.03	6.17	19
XFMR35	COL14092	14.83	85 1-	333 KVA 1PH AUT	0	0	654	164	378	27	117	1.07	7.24	0
COL14093	XFMR35	14.85	85 1-	4ACSR	0	0	651	164	378	54	39	0.06	7.30	41
COL14126	COL14093	14.86	85 1-	4ACSR	0	0	650	164	378	54	39	0.02	7.32	10
OC404	COL14126	14.86	85 1-	50 H OCR	0	0	650	164	378	54	109	0.00	7.32	0
COL14127	OC404	14.93	85 1-	4ACSR	0	0	642	163	378	54	39	0.17	7.49	107
COL14103	COL14127	15.00	81 1-	4ACSR	0	0	634	163	369	53	38	0.17	7.66	106
COL14049	COL14103	15.04	1 1-	2ACSR	0	0	630	162	4	0	0	0.00	7.66	0
COL14050	COL14049	15.11	1 1-	2ACSR	0	0	624	162	4	0	0	0.00	7.66	0
COL14104	COL14103	15.04	79 1-	4ACSR	0	0	630	162	362	52	37	0.08	7.74	50
COL14080	COL14104	15.14	79 1-	4ACSR	0	0	619	161	362	52	37	0.25	7.98	150
COL14037	COL14080	15.20	79 1-	4ACSR	0	0	612	161	361	52	37	0.13	8.12	82
COL13906	COL14037	15.35	78 1-	4ACSR	0	0	596	159	356	51	37	0.35	8.47	213
COL13956	COL13906	15.40	1 1-	4ACSR	0	0	590	159	10	1	1	0.00	8.47	0
COL13907	COL13906	15.43	76 1-	4ACSR	0	0	587	158	342	49	35	0.19	8.66	111
COL14124	COL13907	15.44	1 1-	4ACSR	0	0	586	158	1	0	0	0.00	8.66	0
OC407	COL14124	15.44	1 1-	10 H OCR	0	0	586	158	1	0	1	0.00	8.66	0
COL14125	OC407	15.98	1 1-	4ACSR	0	0	533	153	1	0	0	0.00	8.67	0
COL17154	COL14125	16.21	1 1-	4ACSR	0	0	513	151	1	0	0	0.00	8.67	0
COL13792	COL17154	16.27	0 1-	4ACSR	0	0	508	151	0	0	0	0.00	8.67	0
COL17158	COL13792	16.33	0 1-	4ACSR	0	0	503	150	0	0	0	0.00	8.67	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL3793	COL3792	16.99	0 1-	4ACSR	0	0	452	145	0	0	0	0.00	8.67	0
COL3791	COL7154	16.33	1 1-	4ACSR	0	0	503	150	1	0	0	0.00	8.67	0
COL13857	COL3791	16.41	0 1-	4ACSR	0	0	496	149	0	0	0	0.00	8.67	0
COL13858	COL3857	16.51	0 1-	4ACSR	0	0	488	149	0	0	0	0.00	8.67	0
COL13867	COL13858	16.63	0 1-	4ACSR	0	0	479	148	0	0	0	0.00	8.67	0
COL13839	COL3791	16.57	1 1-	4ACSR	0	0	484	148	1	0	0	0.00	8.67	0
COL13840	COL13839	16.73	1 1-	4ACSR	0	0	471	147	1	0	0	0.00	8.67	0
COL13841	COL13840	16.77	1 1-	4ACSR	0	0	468	146	1	0	0	0.00	8.67	0
COL13842	COL13841	16.98	1 1-	4ACSR	0	0	453	145	1	0	0	0.00	8.67	0
COL13843	COL13842	17.02	1 1-	4ACSR	0	0	450	144	1	0	0	0.00	8.67	0
COL13961	COL14125	16.07	0 1-	4ACSR	0	0	526	152	0	0	0	0.00	8.67	0
COL14038	COL13907	15.55	72 1-	4ACSR	0	0	575	157	336	48	35	0.25	8.91	142
COL14073	COL14038	15.62	71 1-	4ACSR	0	0	567	157	329	47	34	0.17	9.08	94
COL14074	COL14073	15.75	70 1-	4ACSR	0	0	555	155	317	46	33	0.27	9.35	145
COL13908	COL14074	15.86	65 1-	4ACSR	0	0	545	154	290	42	30	0.20	9.55	100
COL13909	COL13908	15.90	65 1-	4ACSR	0	0	541	154	290	42	30	0.07	9.62	36
COL13958	COL13909	15.94	1 1-	4ACSR	0	0	537	154	5	0	1	0.00	9.62	0
COL13910	COL13909	16.05	64 1-	4ACSR	0	0	527	153	284	41	30	0.29	9.91	140
COL14039	COL13910	16.13	62 1-	4ACSR	0	0	520	152	281	41	30	0.16	10.07	77
COL14040	COL14039	16.30	61 1-	4ACSR	0	0	505	150	279	40	29	0.32	10.39	153
COL17102	COL14040	16.44	59 1-	4ACSR	0	0	494	149	265	39	28	0.24	10.63	112
COL13789	COL17102	16.51	56 1-	4ACSR	0	0	488	149	263	38	28	0.12	10.75	54
COL17157	COL13789	16.63	1 1-	4ACSR	0	0	479	148	0	0	0	0.00	10.75	0
COL14011	COL17157	16.78	1 1-	4ACSR	0	0	467	146	0	0	0	0.00	10.75	0
COL17099	COL14011	16.85	1 1-	2ACSR	0	0	463	146	0	0	0	0.00	10.75	0
COL13753	COL17099	17.02	1 1-	2ACSR	0	0	453	145	0	0	0	0.00	10.75	0
COL13752	COL13753	17.17	1 1-	2ACSR	0	0	445	144	0	0	0	0.00	10.75	0
COL13815	COL13789	16.57	55 1-	4ACSR	0	0	483	148	263	38	28	0.12	10.87	54
COL13816	COL13815	16.65	55 1-	4ACSR	0	0	477	147	263	38	28	0.13	11.00	61
COL13869	COL13816	16.72	54 1-	4ACSR	0	0	472	147	251	37	27	0.12	11.11	51
COL13868	COL13869	16.75	54 1-	4ACSR	0	0	469	147	251	37	27	0.06	11.18	27
COL17103	COL13868	16.85	53 1-	4ACSR	0	0	462	146	243	36	26	0.16	11.33	66
COL13607	COL17103	16.97	53 1-	4ACSR	0	0	454	145	243	36	26	0.20	11.53	86
COL13542	COL13607	17.09	52 1-	4ACSR	0	0	445	144	243	36	26	0.20	11.73	85
COL13612	COL13542	17.26	49 1-	4ACSR	0	0	433	142	234	34	25	0.27	12.00	111
COL13611	COL13612	17.38	49 1-	4ACSR	0	0	426	142	234	34	25	0.18	12.18	74
COL13688	COL13611	17.50	49 1-	4ACSR	0	0	419	141	233	34	25	0.19	12.37	78
COL13689	COL13688	17.59	49 1-	4ACSR	0	0	413	140	233	34	25	0.15	12.52	60
COL13610	COL13689	17.76	47 1-	4ACSR	0	0	403	139	230	34	25	0.26	12.78	106
COL13609	COL13610	17.80	47 1-	4ACSR	0	0	400	138	230	34	25	0.07	12.85	30
COL13608	COL13609	17.94	47 1-	4ACSR	0	0	393	137	229	34	25	0.21	13.07	86
COL13684	COL13608	17.97	5 1-	4ACSR	0	0	391	137	25	3	3	0.00	13.07	0
COL13685	COL13684	18.24	3 1-	4ACSR	0	0	377	135	17	2	2	0.02	13.09	0
COL13682	COL13685	18.37	2 1-	4ACSR	0	0	370	134	10	1	1	0.01	13.10	0
COL13683	COL13682	18.42	1 1-	4ACSR	0	0	368	134	4	0	0	0.00	13.10	0
COL13681	COL13683	18.46	0 1-	4ACSR	0	0	366	134	0	0	0	0.00	13.10	0
COL13697	COL13608	17.95	42 1-	4ACSR	0	0	392	137	204	30	22	0.01	13.07	3
OC390	COL13697	17.95	42 1-	35 H OCR	0	0	392	137	204	30	88	0.00	13.07	0
COL13698	OC390	18.07	42 1-	4ACSR	0	0	385	136	204	30	22	0.18	13.25	63
COL13615	COL13698	18.18	41 1-	4ACSR	0	0	380	136	196	29	21	0.14	13.39	48
COL13614	COL13615	18.27	41 1-	4ACSR	0	0	375	135	195	29	21	0.13	13.52	44
COL13613	COL13614	18.37	41 1-	4ACSR	0	0	370	134	195	29	21	0.14	13.65	47

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13544	CO13613	18.42	39 1-	4ACSR	0	0	368	134	192	29	21	0.06	13.71	21
CO13616	CO13544	18.45	39 1-	4ACSR	0	0	366	134	192	29	21	0.03	13.74	11
CO17307	CO13616	18.46	1 1-	750 MCM - 42 Wi	0	0	366	134	7	1	0	0.00	13.74	0
CO13617	CO13616	18.49	38 1-	4ACSR	0	0	364	133	185	28	20	0.05	13.80	17
CO13618	CO13617	18.59	38 1-	4ACSR	0	0	359	133	185	28	20	0.13	13.93	43
CO13543	CO13618	18.73	3 1-	4ACSR	0	0	353	132	6	0	1	0.00	13.93	0
CO13590	CO13543	18.82	2 1-	4ACSR	0	0	349	131	4	0	0	0.00	13.93	0
CO13571	CO13543	18.97	0 1-	4ACSR	0	0	342	130	0	0	0	0.00	13.93	0
CO13686	CO13618	18.66	35 1-	4ACSR	0	0	356	132	179	27	19	0.08	14.01	25
CO13687	CO13686	18.82	34 1-	4ACSR	0	0	349	131	169	25	18	0.18	14.19	53
CO17098	CO13687	18.97	33 1-	4ACSR	0	0	342	130	157	23	17	0.16	14.35	45
CO13771	CO17098	18.98	32 1-	4ACSR	0	0	342	130	148	22	16	0.02	14.37	5
CO13772	CO13771	19.08	31 1-	4ACSR	0	0	337	129	142	21	15	0.09	14.46	23
CO13773	CO13772	19.12	29 1-	4ACSR	0	0	336	129	129	19	14	0.03	14.49	7
CO13774	CO13773	19.25	28 1-	4ACSR	0	0	330	128	117	17	13	0.11	14.60	23
CO13745	CO13774	19.26	1 1-	4ACSR	0	0	330	128	9	1	1	0.00	14.60	0
CO13744	CO13745	19.30	1 1-	4ACSR	0	0	328	128	9	1	1	0.00	14.60	0
CO13775	CO13774	19.42	27 1-	4ACSR	0	0	324	127	108	16	12	0.12	14.72	22
CO13776	CO13775	19.46	24 1-	4ACSR	0	0	322	127	94	14	10	0.02	14.74	4
CO13719	CO13776	19.74	1 1-	4ACSR	0	0	312	125	0	0	0	0.00	14.74	0
CO13733	CO13776	19.59	23 1-	4ACSR	0	0	317	126	94	14	10	0.09	14.83	15
CO-319479761	CO13733	19.65	1 1-	2ACSR	0	0	316	126	6	0	1	0.00	14.83	0
CO13777	CO13733	19.68	22 1-	4ACSR	0	0	314	126	87	13	10	0.05	14.88	7
CO13778	CO13777	19.80	21 1-	4ACSR	0	0	309	125	75	11	8	0.06	14.94	8
CO13779	CO13778	19.90	20 1-	4ACSR	0	0	306	124	71	10	8	0.05	14.98	6
CO13713	CO13779	20.12	15 1-	4ACSR	0	0	298	123	58	8	6	0.09	15.08	10
CO13722	CO13713	20.18	1 1-	4ACSR	0	0	296	123	6	0	1	0.00	15.08	0
CO13735	CO13713	20.15	14 1-	4ACSR	0	0	297	123	52	7	6	0.01	15.08	0
CO13782	CO13735	20.24	12 1-	4ACSR	0	0	294	122	46	7	5	0.03	15.11	3
CO13783	CO13782	20.39	11 1-	4ACSR	0	0	290	121	46	7	5	0.05	15.16	4
CO13721	CO13783	20.58	1 1-	4ACSR	0	0	284	120	0	0	0	0.00	15.16	0
CO13736	CO13783	20.58	10 1-	4ACSR	0	0	284	120	46	7	5	0.06	15.22	5
CO13784	CO13736	20.79	10 1-	4ACSR	0	0	278	119	46	7	5	0.07	15.29	5
CO13785	CO13784	21.06	8 1-	4ACSR	0	0	270	118	44	6	5	0.08	15.37	6
CO13786	CO13785	21.15	7 1-	4ACSR	0	0	267	117	40	6	4	0.02	15.39	0
CO13749	CO13786	21.21	2 1-	4ACSR	0	0	266	117	17	2	2	0.00	15.40	0
CO13748	CO13749	21.29	1 1-	4ACSR	0	0	263	116	1	0	0	0.00	15.40	0
CO13787	CO13786	21.18	5 1-	4ACSR	0	0	266	117	24	3	3	0.00	15.40	0
CO13788	CO13787	21.26	4 1-	4ACSR	0	0	264	117	13	2	1	0.01	15.40	0
CO13739	CO13788	21.35	3 1-	4ACSR	0	0	262	116	8	1	1	0.00	15.41	0
CO13728	CO13739	21.39	1 1-	2ACSR	0	0	261	116	0	0	0	0.00	15.41	0
CO13738	CO13739	21.51	2 1-	4ACSR	0	0	258	115	8	1	1	0.01	15.42	0
CO13737	CO13738	21.58	1 1-	4ACSR	0	0	256	115	7	1	1	0.00	15.42	0
CO13755	CO13738	21.63	1 1-	4ACSR	0	0	255	115	1	0	0	0.00	15.42	0
CO13754	CO13755	21.64	1 1-	4ACSR	0	0	254	115	1	0	0	0.00	15.42	0
CO13727	CO13735	20.33	1 1-	2ACSR	0	0	293	122	3	0	0	0.00	15.09	0
CO13720	CO13779	20.12	2 1-	4ACSR	0	0	298	123	2	0	0	0.00	14.99	0
CO13734	CO13779	20.15	3 1-	4ACSR	0	0	297	123	12	1	1	0.02	15.00	0
CO13780	CO13734	20.21	2 1-	4ACSR	0	0	296	122	5	0	1	0.00	15.00	0
CO13781	CO13780	20.34	1 1-	4ACSR	0	0	291	122	5	0	1	0.00	15.00	0
CO13747	CO13776	19.54	0 1-	4ACSR	0	0	319	126	0	0	0	0.00	14.74	0
CO13746	CO13747	19.67	0 1-	4ACSR	0	0	314	126	0	0	0	0.00	14.74	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13726	CO17098	19.01	1 1-	2ACSR	0	0	341	130	9	1	1	0.00	14.35	0
CO13706	CO13613	18.40	1 1-	4ACSR	0	0	369	134	0	0	0	0.00	13.65	0
CO13705	CO13706	18.40	1 1-	4ACSR	0	0	368	134	0	0	0	0.00	13.65	0
CO13639	CO13705	18.48	0 1-	4ACSR	0	0	365	133	0	0	0	0.00	13.65	0
CO13638	CO13705	18.71	1 1-	4ACSR	0	0	354	132	0	0	0	0.00	13.65	0
CO13588	CO13689	17.66	2 1-	2ACSR	0	0	410	140	2	0	0	0.00	12.52	0
CO13570	CO13542	17.16	2 1-	4ACSR	0	0	440	143	7	1	1	0.00	11.74	0
CO13696	CO13607	16.98	1 1-	4ACSR	0	0	453	145	0	0	0	0.00	11.53	0
OC391	CO13696	16.98	1 1-	10 H OCR	0	0	453	145	0	0	0	0.00	11.53	0
CO17104	OC391	17.29	1 1-	4ACSR	0	0	432	142	0	0	0	0.00	11.53	0
CO13870	CO17104	17.42	1 1-	4ACSR	0	0	424	141	0	0	0	0.00	11.53	0
CO17150	CO13870	17.77	1 1-	4ACSR	0	0	403	139	0	0	0	0.00	11.53	0
CO13707	CO17150	17.89	1 1-	4ACSR	0	0	396	138	0	0	0	0.00	11.53	0
CO13691	CO13707	18.00	1 1-	4ACSR	0	0	389	137	0	0	0	0.00	11.53	0
CO13690	CO13691	18.12	1 1-	4ACSR	0	0	383	136	0	0	0	0.00	11.53	0
CO17160	CO13690	18.33	0 1-	4ACSR	0	0	372	135	0	0	0	0.00	11.53	0
CO13835	CO17160	18.51	0 1-	4ACSR	0	0	363	133	0	0	0	0.00	11.53	0
CO13836	CO13835	18.69	0 1-	4ACSR	0	0	355	132	0	0	0	0.00	11.53	0
CO13837	CO13836	18.79	0 1-	4ACSR	0	0	350	131	0	0	0	0.00	11.53	0
CO13838	CO13837	19.46	0 1-	4ACSR	0	0	322	127	0	0	0	0.00	11.53	0
CO13790	CO17104	17.41	0 1-	4ACSR	0	0	424	141	0	0	0	0.00	11.53	0
CO13801	CO13790	17.61	0 1-	4ACSR	0	0	411	140	0	0	0	0.00	11.53	0
CO13800	CO13790	17.50	0 1-	4ACSR	0	0	418	141	0	0	0	0.00	11.53	0
CO13802	CO13868	16.79	1 1-	4ACSR	0	0	467	146	8	1	1	0.00	11.18	0
CO13799	CO13816	16.76	1 1-	4ACSR	0	0	469	146	11	1	1	0.00	11.00	0
CO13798	CO17102	16.48	3 1-	4ACSR	0	0	491	149	1	0	0	0.00	10.63	0
CO13936	CO14040	16.37	2 1-	4ACSR	0	0	500	150	13	1	1	0.00	10.39	0
CO13960	CO13910	16.16	0 1-	4ACSR	0	0	517	152	0	0	0	0.00	9.91	0
CO13959	CO13910	16.09	2 1-	4ACSR	0	0	524	152	2	0	0	0.00	9.91	0
CO13957	CO13908	15.94	0 1-	4ACSR	0	0	537	154	0	0	0	0.00	9.55	0
CO14109	CO14074	15.83	3 1-	4ACSR	0	0	548	155	19	2	2	0.01	9.36	0
CO13964	CO14109	15.90	1 1-	2ACSR	0	0	542	154	3	0	0	0.00	9.36	0
CO14110	CO14109	15.86	2 1-	4ACSR	0	0	544	154	16	2	2	0.00	9.36	0
CO14075	CO14110	15.91	1 1-	4ACSR	0	0	540	154	9	1	1	0.00	9.36	0
CO14027	CO14075	16.00	0 1-	4ACSR	0	0	532	153	0	0	0	0.00	9.36	0
CO13955	CO14037	15.52	0 1-	4ACSR	0	0	578	158	0	0	0	0.00	8.12	0
CO14130+	CO14005	14.66	59 1-	4ACSR	0	0	599	266	344	24	18	0.00	6.06	0
OC405+	CO14130	14.66	59 1-	70 L OCR	0	0	599	266	344	24	35	0.00	6.06	0
XFMR36	OC405	14.66	59 1-	333 KVA 1PH AUT	0	0	659	165	344	24	106	0.93	6.99	0
CO14131	XFMR36	14.72	59 1-	4ACSR	0	0	652	164	344	49	35	0.14	7.13	79
CO14089	CO14131	14.75	58 1-	4ACSR	0	0	649	164	343	49	35	0.06	7.19	34
CO14006	CO14089	14.96	58 1-	4ACSR	0	0	625	162	343	49	35	0.46	7.65	269
CO13949	CO14006	15.02	1 1-	4ACSR	0	0	618	161	13	1	1	0.00	7.65	0
CO13948	CO14006	15.03	1 1-	4ACSR	0	0	617	161	6	0	1	0.00	7.65	0
CO14102	CO14006	14.98	56 1-	4ACSR	0	0	623	162	322	46	33	0.04	7.69	22
CO14078	CO14102	15.00	56 1-	4ACSR	0	0	620	161	322	46	33	0.04	7.73	23
CO14079	CO14078	15.02	55 1-	4ACSR	0	0	618	161	318	45	33	0.05	7.79	29
CO14111	CO14079	15.08	54 1-	4ACSR	0	0	611	161	309	44	32	0.11	7.90	58
CO13965	CO14111	15.14	1 1-	2ACSR	0	0	606	160	12	1	1	0.00	7.90	0
CO14112	CO14111	15.24	53 1-	4ACSR	0	0	594	159	296	42	30	0.32	8.21	160
CO14007	CO14112	15.32	53 1-	4ACSR	0	0	586	158	296	42	30	0.15	8.36	74
CO13902	CO14007	15.49	51 1-	4ACSR	0	0	569	157	278	40	29	0.31	8.67	145

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
COL13915	COL13902	15.53	49 1-	4ACSR	0	0	565	156	264	38	27	0.07	8.74	30
COL13903	COL13915	15.77	48 1-	4ACSR	0	0	541	154	254	36	26	0.41	9.15	179
COL14021	COL13903	15.83	2 1-	4ACSR	0	0	536	153	16	2	2	0.00	9.15	0
COL14022	COL14021	15.90	1 1-	4ACSR	0	0	530	153	10	1	1	0.00	9.16	0
COL14023	COL14022	16.02	1 1-	4ACSR	0	0	519	152	10	1	1	0.00	9.16	0
COL13904	COL13903	15.91	46 1-	4ACSR	0	0	529	153	237	34	25	0.21	9.36	84
COL14060	COL13904	16.07	42 1-	4ACSR	0	0	514	151	226	33	24	0.25	9.60	94
COL14061	COL14060	16.21	41 1-	4ACSR	0	0	503	150	218	31	23	0.20	9.80	74
COL14134	COL14061	16.22	38 1-	4ACSR	0	0	502	150	193	28	20	0.01	9.81	3
OC397	COL14134	16.22	38 1-	25 H OCR	0	0	502	150	193	28	113	0.00	9.81	0
COL14136	OC397	16.31	3 1-	4ACSR	0	0	494	149	10	1	1	0.01	9.81	0
COL14096	COL14136	16.43	2 1-	4ACSR	0	0	485	148	7	0	1	0.00	9.81	0
COL14097	COL14096	16.44	1 1-	4ACSR	0	0	484	148	5	0	0	0.00	9.82	0
COL14094	COL14097	16.58	1 1-	4ACSR	0	0	473	147	5	0	0	0.00	9.82	0
COL14095	COL14094	16.63	0 1-	4ACSR	0	0	469	147	0	0	0	0.00	9.82	0
COL14031	COL14095	16.77	0 1-	4ACSR	0	0	459	145	0	0	0	0.00	9.82	0
COL14032	COL14031	16.90	0 1-	4ACSR	0	0	450	144	0	0	0	0.00	9.82	0
COL13935	COL14032	16.98	0 1-	4ACSR	0	0	444	144	0	0	0	0.00	9.82	0
COL14033	COL14032	17.05	0 1-	4ACSR	0	0	439	143	0	0	0	0.00	9.82	0
COL14034	COL14033	17.13	0 1-	4ACSR	0	0	434	143	0	0	0	0.00	9.82	0
COL14076	COL14034	17.19	0 1-	4ACSR	0	0	430	142	0	0	0	0.00	9.82	0
COL14077	COL14076	17.20	0 1-	4ACSR	0	0	429	142	0	0	0	0.00	9.82	0
COL14035	COL14077	17.22	0 1-	4ACSR	0	0	428	142	0	0	0	0.00	9.82	0
COL13963	COL14035	17.29	0 1-	4ACSR	0	0	424	141	0	0	0	0.00	9.82	0
COL13962	COL14035	17.25	0 1-	4ACSR	0	0	426	142	0	0	0	0.00	9.82	0
COL14135	OC397	16.32	35 1-	4ACSR	0	0	494	149	183	26	19	0.12	9.92	37
COL14100	COL14135	16.38	33 1-	4ACSR	0	0	489	149	169	24	18	0.07	9.99	20
COL17152	COL14100	16.49	30 1-	4ACSR	0	0	480	148	158	23	17	0.12	10.11	32
COL13723	COL17152	16.82	0 1-	4ACSR	0	0	455	145	0	0	0	0.00	10.11	0
COL13756	COL17152	16.53	29 1-	4ACSR	0	0	477	147	156	22	16	0.04	10.15	11
COL13757	COL13756	16.68	28 1-	4ACSR	0	0	465	146	147	21	15	0.14	10.29	36
COL13724	COL13757	16.72	1 1-	4ACSR	0	0	463	146	8	1	1	0.00	10.30	0
COL13741	COL13757	16.82	24 1-	4ACSR	0	0	455	145	132	19	14	0.12	10.41	27
COL13740	COL13741	16.89	22 1-	4ACSR	0	0	451	144	123	18	13	0.05	10.47	11
COL13725	COL13740	16.97	1 1-	4ACSR	0	0	445	144	12	1	1	0.00	10.47	0
COL13714	COL13740	17.01	21 1-	4ACSR	0	0	442	143	111	16	12	0.09	10.56	18
COL13758	COL13714	17.15	19 1-	4ACSR	0	0	433	142	98	14	10	0.09	10.65	15
COL13759	COL13758	17.27	19 1-	4ACSR	0	0	425	141	98	14	10	0.08	10.73	14
COL13712	COL13759	17.34	19 1-	4ACSR	0	0	421	141	98	14	10	0.04	10.77	7
COL13711	COL13712	17.45	3 1-	4ACSR	0	0	414	140	19	2	2	0.01	10.79	0
COL13732	COL13711	17.53	2 1-	4ACSR	0	0	409	139	15	2	2	0.01	10.79	0
COL13731	COL13732	17.87	1 1-	4ACSR	0	0	390	137	12	1	1	0.01	10.81	0
COL13730	COL13731	18.09	0 1-	4ACSR	0	0	378	135	0	0	0	0.00	10.81	0
COL13718	COL13730	18.44	0 1-	4ACSR	0	0	361	133	0	0	0	0.00	10.81	0
COL13717	COL13730	18.39	0 1-	4ACSR	0	0	363	133	0	0	0	0.00	10.81	0
COL13715	COL13711	17.55	1 1-	4ACSR	0	0	408	139	3	0	0	0.00	10.79	0
COL13760	COL13712	17.52	16 1-	4ACSR	0	0	409	139	79	11	8	0.09	10.86	11
COL13761	COL13760	17.67	13 1-	4ACSR	0	0	401	138	62	9	7	0.06	10.92	7
COL13743	COL13761	17.77	2 1-	4ACSR	0	0	395	138	8	1	1	0.00	10.93	0
COL13742	COL13743	17.80	1 1-	4ACSR	0	0	394	137	7	1	1	0.00	10.93	0
COL13762	COL13761	17.79	11 1-	4ACSR	0	0	394	137	55	8	6	0.04	10.96	4
COL13763	COL13762	17.88	10 1-	4ACSR	0	0	389	137	49	7	5	0.03	10.99	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO420891903	CO13763	17.93	8 1-	2ACSR	0	0	387	137	47	7	4	0.01	11.00	0
CO-54596180	CO420891903	17.96	7 1-	2ACSR	0	0	386	136	45	6	4	0.01	11.01	0
CO13768	CO-54596180	17.97	7 1-	4ACSR	0	0	385	136	45	6	5	0.00	11.01	0
CO13769	CO13768	18.03	6 1-	4ACSR	0	0	382	136	43	6	4	0.02	11.03	0
CO13770	CO13769	18.09	5 1-	4ACSR	0	0	379	135	34	5	4	0.01	11.04	0
CO17097	CO13770	18.35	0 1-	4ACSR	0	0	366	134	0	0	0	0.00	11.04	0
CO13993	CO17097	18.55	0 1-	4ACSR	0	0	356	132	0	0	0	0.00	11.04	0
CO-26786578	CO13770	18.11	4 1-	4ACSR	0	0	378	135	34	4	4	0.00	11.05	0
CO860588340	CO-26786578	18.18	3 1-	4ACSR	0	0	374	135	25	3	3	0.01	11.06	0
CO14008	CO860588340	18.24	3 1-	4ACSR	0	0	371	134	25	3	3	0.01	11.07	0
CO14009	CO14008	18.31	2 1-	4ACSR	0	0	368	134	11	1	1	0.01	11.07	0
CO14010	CO14009	18.35	2 1-	4ACSR	0	0	366	134	11	1	1	0.00	11.07	0
CO1661661154	CO14010	18.43	1 1-	2ACSR	0	0	363	133	0	0	0	0.00	11.07	0
CO-2142403068	CO1661661154	18.49	1 1-	2ACSR	0	0	360	133	0	0	0	0.00	11.07	0
CO-761002848	CO-2142403068	18.56	1 1-	2ACSR	0	0	358	133	0	0	0	0.00	11.07	0
CO-575413345	CO-26786578	18.18	1 1-	4ACSR	0	0	374	135	8	1	1	0.00	11.05	0
CO1725692363	CO420891903	18.06	1 1-	2ACSR	0	0	381	136	2	0	0	0.00	11.00	0
CO13716	CO13763	17.96	0 1-	4ACSR	0	0	385	136	0	0	0	0.00	10.99	0
CO13764	CO13763	17.93	1 1-	4ACSR	0	0	387	136	1	0	0	0.00	10.99	0
CO13765	CO13764	18.00	0 1-	4ACSR	0	0	383	136	0	0	0	0.00	10.99	0
CO13766	CO13765	18.06	0 1-	4ACSR	0	0	379	136	0	0	0	0.00	10.99	0
CO13767	CO13766	18.15	0 1-	4ACSR	0	0	375	135	0	0	0	0.00	10.99	0
CO13751	CO13714	17.10	2 1-	4ACSR	0	0	436	143	13	1	1	0.01	10.56	0
CO13750	CO13751	17.18	1 1-	4ACSR	0	0	431	142	9	1	1	0.00	10.57	0
CO14132	CO14100	16.46	1 1-	2ACSR	0	0	483	148	0	0	0	0.00	9.99	0
CO14133	CO14132	16.53	1 1-	2ACSR	0	0	479	148	0	0	0	0.00	9.99	0
CO13953	CO14100	16.45	1 1-	4ACSR	0	0	483	148	5	0	1	0.00	9.99	0
CO14025	CO14061	16.26	3 1-	4ACSR	0	0	499	150	24	3	3	0.01	9.80	0
CO14026	CO14025	16.29	3 1-	4ACSR	0	0	496	149	24	3	3	0.00	9.81	0
CO14062	CO14026	16.34	2 1-	4ACSR	0	0	492	149	14	2	1	0.00	9.81	0
CO14105	CO13904	15.95	4 1-	4ACSR	0	0	525	152	10	1	1	0.00	9.36	0
CO13952	CO14105	15.99	1 1-	4ACSR	0	0	522	152	0	0	0	0.00	9.36	0
CO14098	CO14105	16.02	2 1-	4ACSR	0	0	519	152	10	1	1	0.00	9.36	0
CO14099	CO14098	16.08	1 1-	4ACSR	0	0	513	151	0	0	0	0.00	9.36	0
CO14024	CO14099	16.14	1 1-	4ACSR	0	0	508	151	0	0	0	0.00	9.36	0
CO14106	CO14105	16.03	1 1-	4ACSR	0	0	518	152	0	0	0	0.00	9.36	0
CO13954	CO13915	15.60	1 1-	4ACSR	0	0	557	156	9	1	1	0.00	8.74	0
CO13951	CO13902	15.75	1 1-	4ACSR	0	0	543	154	9	1	1	0.01	8.68	0
CO13950	CO14007	15.39	2 1-	4ACSR	0	0	578	158	17	2	2	0.00	8.37	0
CO13946+	CO14005	14.69	1 1-	4ACSR	0	0	597	265	6	0	0	0.00	6.06	0
CO13944+	CO13901	14.50	1 1-	4ACSR	0	0	604	267	11	0	1	0.00	6.02	0
CO14114+	CO13901	14.43	1 1-	4ACSR	0	0	608	268	6	0	0	0.00	6.02	0
OC399+	CO14114	14.43	1 1-	10 N FUSE	0	0	608	268	6	0	4	0.00	6.02	0
CO14115+	OC399	14.68	1 1-	4ACSR	0	0	593	264	6	0	0	0.00	6.02	0
CO14000+	CO14115	14.99	1 1-	4ACSR	0	0	576	260	6	0	0	0.00	6.03	0
CO14001+	CO14000	15.16	1 1-	4ACSR	0	0	567	258	6	0	0	0.00	6.03	0
CO17164+	CO14001	15.27	1 1-	4ACSR	0	0	561	256	6	0	0	0.00	6.03	0
CO14345+	CO17164	15.33	0 1-	4ACSR	0	0	558	255	0	0	0	0.00	6.03	0
CO14505+	CO14345	15.41	0 1-	4ACSR	0	0	554	254	0	0	0	0.00	6.03	0
CO14506+	CO14505	15.74	0 1-	4ACSR	0	0	537	250	0	0	0	0.00	6.03	0
CO14372+	CO14506	15.86	0 1-	4ACSR	0	0	532	249	0	0	0	0.00	6.03	0
CO14373+	CO14345	15.36	0 1-	4ACSR	0	0	557	255	0	0	0	0.00	6.03	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14503+	CO17164	15.40	1 1-	4ACSR	0	0	554	254	6	0	0	0.00	6.03	0
CO14504+	CO14503	15.53	1 1-	4ACSR	0	0	548	253	6	0	0	0.00	6.03	0
CO14502+	CO14504	15.56	1 1-	4ACSR	0	0	546	252	6	0	0	0.00	6.03	0
CO14501+	CO14502	15.63	1 1-	4ACSR	0	0	543	252	6	0	0	0.00	6.03	0
CO14500+	CO14501	15.67	1 1-	4ACSR	0	0	541	251	6	0	0	0.00	6.03	0
CO14499+	CO14500	15.75	1 1-	4ACSR	0	0	537	250	6	0	0	0.00	6.03	0
CO14498+	CO14499	15.80	1 1-	4ACSR	0	0	535	250	6	0	0	0.00	6.03	0
CO13943+	CO13900	13.68	0 1-	4ACSR	0	0	641	273	0	0	0	0.00	5.88	0
CO13942+	CO13899	13.67	2 1-	4ACSR	0	0	641	273	3	0	0	0.00	5.88	0
CO14413+	CO14412	12.27	1 1-	4ACSR	0	0	705	283	5	0	0	0.00	5.33	0
CO14414+	CO14413	12.31	0 1-	4ACSR	0	0	702	282	0	0	0	0.00	5.33	0
CO14379+	CO14334	10.63	0 1-	4ACSR	0	0	789	292	0	0	0	0.00	4.85	0
CO14377+	CO14334	10.66	4 1-	4ACSR	0	0	786	292	13	0	1	0.00	4.85	0
CO14376+	CO14334	10.63	1 1-	4ACSR	0	0	790	292	8	0	0	0.00	4.85	0
CO1315947728+	CO16414	9.87	0 1-	2ACSR	0	0	835	297	0	0	0	0.00	4.60	0
CO16301+	CO16414	9.88	0 1-	4ACSR	0	0	833	296	0	0	0	0.00	4.60	0
CO16415+	CO16414	9.83	0 3-	4/0ACSR	1100	1015	839	297	0	0	0	0.00	4.60	0
REG177+	CO16415	9.83	0 3-	100.000000000000	1100	1015	839	297	0	0	0	-4.60	0.00	0
CO16312+	CO16413	9.77	1 1-	2ACSR	0	0	841	297	10	0	0	0.00	4.57	0
CO16119+	CO16252	9.49	2 1-	4ACSR	0	0	859	299	7	0	0	0.00	4.47	0
CO16120+	CO16119	9.57	1 1-	4ACSR	0	0	851	297	3	0	0	0.00	4.47	0
CO16246+	CO30673	9.34	0 1-	4ACSR	0	0	871	300	0	0	0	0.00	4.43	0
SW497-A+	CO16246	9.34	0 1-	Open	0	0	871	300	0	0	0	0.00	4.43	0
CO16036+	CO16116	9.24	0 3-	4/0ACSR	1145	1057	878	301	0	-7	2	0.00	4.40	0
CA61+	CO16036	9.24	0 3-	Capacitor	1145	1057	878	301	0	-7	0	0.00	4.40	0
CO16067+	CO16116	9.36	1 1-	4ACSR	0	0	865	299	4	0	0	0.00	4.40	0
CO16031+	CO16034	9.03	47 1-	4/0ACSR	0	0	893	302	195	13	4	0.02	4.29	5
CO16052+	CO16031	9.08	0 1-	4ACSR	0	0	888	301	0	0	0	0.00	4.29	0
CO16247+	CO16031	9.04	47 1-	4ACSR	0	0	892	302	195	13	10	0.00	4.29	0
OC492+	CO16247	9.04	47 1-	70 E OCR	0	0	892	302	195	13	20	0.00	4.29	0
CO16248+	OC492	9.09	47 1-	4ACSR	0	0	886	301	195	13	10	0.02	4.31	5
CO17245+	CO16248	9.34	46 1-	4ACSR	0	0	857	296	185	12	9	0.07	4.38	23
XFMR33	CO17245	9.34	46 1-	333 KVA 1PH AUT	0	0	784	170	185	12	56	0.46	4.85	0
CO16411	XFMR33	9.37	46 1-	4ACSR	0	0	780	169	185	25	19	0.03	4.87	8
CO16412	CO16411	9.41	46 1-	4ACSR	0	0	773	169	185	25	19	0.06	4.93	17
CO16293	CO16412	9.52	1 1-	4ACSR	0	0	757	168	3	0	0	0.00	4.93	0
CO16407	CO16412	9.50	43 1-	4ACSR	0	0	759	168	173	24	17	0.10	5.03	28
CO16408	CO16407	9.55	42 1-	4ACSR	0	0	753	167	167	23	17	0.05	5.07	12
CO16406	CO16408	9.64	41 1-	4ACSR	0	0	739	166	164	23	17	0.10	5.17	27
CO16405	CO16406	9.68	41 1-	4ACSR	0	0	733	166	164	23	17	0.04	5.21	11
CO16292	CO16405	9.75	1 1-	4ACSR	0	0	721	165	14	1	1	0.00	5.21	0
CO16402	CO16405	9.75	0 1-	4ACSR	0	0	721	165	0	0	0	0.00	5.21	0
CO16403	CO16402	9.90	0 1-	4ACSR	0	0	700	164	0	0	0	0.00	5.21	0
CO16404	CO16403	10.09	0 1-	4ACSR	0	0	673	162	0	0	0	0.00	5.21	0
CO16400	CO16405	9.72	40 1-	4ACSR	0	0	726	165	151	21	15	0.04	5.25	10
CO16401	CO16400	10.09	38 1-	4ACSR	0	0	674	162	145	20	15	0.34	5.59	80
CO16399	CO16401	10.15	37 1-	4ACSR	0	0	665	161	141	19	14	0.06	5.65	13
CO16398	CO16399	10.21	37 1-	4ACSR	0	0	658	161	141	19	14	0.05	5.70	11
CO16396	CO16398	10.40	36 1-	4ACSR	0	0	634	159	137	19	14	0.16	5.86	37
CO16397	CO16396	10.43	35 1-	4ACSR	0	0	630	158	134	19	14	0.02	5.88	5
CO-310172232	CO16397	10.47	1 1-	2ACSR	0	0	625	158	0	0	0	0.00	5.88	0
CO16303	CO16397	10.54	1 1-	2ACSR	0	0	618	158	0	0	0	0.00	5.89	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16395	CO16397	10.53	33 1-	4ACSR	0	0	617	157	134	18	14	0.09	5.97	20
CO16275	CO16395	10.59	32 1-	4ACSR	0	0	610	157	125	17	13	0.05	6.02	10
CO16465	CO16275	10.59	32 1-	4ACSR	0	0	610	157	125	17	13	0.01	6.03	0
OC501	CO16465	10.59	32 1-	15 H OCR	0	0	610	157	125	17	118	0.00	6.03	0
CO16466	OC501	10.81	32 1-	4ACSR	0	0	585	155	125	17	13	0.17	6.20	36
CO16390	CO16466	10.95	32 1-	4ACSR	0	0	569	154	125	17	13	0.11	6.31	24
CO16388	CO16390	11.04	30 1-	4ACSR	0	0	560	153	119	16	12	0.06	6.38	13
CO16389	CO16388	11.14	28 1-	4ACSR	0	0	550	152	116	16	12	0.08	6.46	15
CO16296	CO16389	11.22	1 1-	4ACSR	0	0	542	151	2	0	0	0.00	6.46	0
CO16387	CO16389	11.18	27 1-	4ACSR	0	0	546	152	114	16	12	0.03	6.48	5
CO16385	CO16387	11.20	27 1-	4ACSR	0	0	543	151	114	16	12	0.02	6.50	3
CO16310	CO16385	11.29	1 1-	2ACSR	0	0	536	151	1	0	0	0.00	6.50	0
CO16386	CO16385	11.26	26 1-	4ACSR	0	0	537	151	113	16	11	0.04	6.55	8
CO16274	CO16386	11.48	25 1-	4ACSR	0	0	517	149	108	15	11	0.15	6.70	27
CO16346	CO16274	11.52	24 1-	4ACSR	0	0	513	149	108	15	11	0.03	6.72	5
CO16347	CO16346	11.72	23 1-	4ACSR	0	0	495	147	107	15	11	0.14	6.86	25
CO16276	CO16347	11.82	22 1-	4ACSR	0	0	487	146	98	13	10	0.06	6.93	10
CO16297	CO16276	12.01	1 1-	4ACSR	0	0	471	145	4	0	0	0.00	6.93	0
CO16467	CO16276	12.14	21 1-	4ACSR	0	0	461	143	94	13	10	0.20	7.12	31
CO16356	CO16467	12.27	17 1-	4ACSR	0	0	452	142	83	11	8	0.06	7.18	8
CO16357	CO16356	12.50	16 1-	4ACSR	0	0	435	141	74	10	8	0.11	7.30	14
CO16265	CO16357	12.65	3 1-	4ACSR	0	0	426	140	1	0	0	0.00	7.30	0
CO16278	CO16265	12.74	1 1-	4ACSR	0	0	420	139	1	0	0	0.00	7.30	0
CO16277	CO16265	12.78	1 1-	4ACSR	0	0	417	139	0	0	0	0.00	7.30	0
CO16358	CO16265	12.73	1 1-	4ACSR	0	0	420	139	0	0	0	0.00	7.30	0
CO16359	CO16358	12.89	0 1-	4ACSR	0	0	410	138	0	0	0	0.00	7.30	0
CO16264	CO16357	12.65	13 1-	4ACSR	0	0	425	140	74	10	8	0.07	7.37	9
CO16362	CO16264	12.92	11 1-	4ACSR	0	0	408	138	62	8	6	0.11	7.48	11
CO16363	CO16362	12.99	11 1-	4ACSR	0	0	404	137	62	8	6	0.03	7.50	3
CO16364	CO16363	13.05	2 1-	4ACSR	0	0	401	137	5	0	1	0.00	7.51	0
CO16365	CO16364	13.08	1 1-	4ACSR	0	0	399	136	5	0	1	0.00	7.51	0
CO16366	CO16365	13.18	1 1-	4ACSR	0	0	393	136	5	0	1	0.00	7.51	0
CO16267	CO16363	13.08	7 1-	4ACSR	0	0	399	136	46	6	5	0.03	7.53	2
CO16266	CO16267	13.25	6 1-	4ACSR	0	0	389	135	36	5	4	0.04	7.57	2
CO16367	CO16266	13.35	0 1-	4ACSR	0	0	384	134	0	0	0	0.00	7.57	0
CO16368	CO16367	13.42	0 1-	4ACSR	0	0	380	134	0	0	0	0.00	7.57	0
CO16369	CO16266	13.37	6 1-	4ACSR	0	0	383	134	36	5	4	0.03	7.60	0
CO16370	CO16369	13.46	6 1-	4ACSR	0	0	378	134	36	5	4	0.02	7.62	0
CO16375	CO16370	13.54	4 1-	4ACSR	0	0	374	133	30	4	3	0.01	7.63	0
CO16376	CO16375	13.57	3 1-	4ACSR	0	0	372	133	21	3	2	0.01	7.64	0
CO16377	CO16376	13.59	2 1-	4ACSR	0	0	371	133	21	2	2	0.00	7.64	0
CO16378	CO16377	13.93	2 1-	4ACSR	0	0	354	130	21	2	2	0.05	7.69	0
CO16379	CO16378	14.02	2 1-	4ACSR	0	0	350	130	21	2	2	0.01	7.69	0
CO16371	CO16370	13.65	2 1-	4ACSR	0	0	368	132	6	0	1	0.01	7.63	0
CO16372	CO16371	13.71	2 1-	4ACSR	0	0	365	132	6	0	1	0.00	7.63	0
CO16373	CO16372	13.86	2 1-	4ACSR	0	0	358	131	6	0	1	0.01	7.64	0
CO16374	CO16373	14.14	2 1-	4ACSR	0	0	345	129	6	0	1	0.01	7.64	0
CO772001884	CO16374	14.19	0 1-	2ACSR	0	0	343	129	0	0	0	0.00	7.64	0
CO16280	CO16267	13.15	1 1-	4ACSR	0	0	395	136	9	1	1	0.00	7.53	0
CO16279	CO16363	13.06	1 1-	4ACSR	0	0	400	137	11	1	1	0.00	7.51	0
CO16360	CO16264	12.75	2 1-	4ACSR	0	0	419	139	12	1	1	0.01	7.38	0
CO16361	CO16360	12.83	1 1-	4ACSR	0	0	414	138	9	1	1	0.00	7.38	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16348	CO16467	12.24	4 1-	4ACSR	0	0	454	143	11	1	1	0.01	7.13	0
CO16349	CO16348	12.28	4 1-	4ACSR	0	0	451	142	11	1	1	0.00	7.13	0
CO16350	CO16349	12.41	4 1-	4ACSR	0	0	442	141	11	1	1	0.01	7.14	0
CO16351	CO16350	12.46	3 1-	4ACSR	0	0	439	141	8	1	1	0.00	7.14	0
CO16352	CO16351	12.51	3 1-	4ACSR	0	0	435	141	8	1	1	0.00	7.15	0
CO16353	CO16352	12.53	3 1-	4ACSR	0	0	433	140	8	1	1	0.00	7.15	0
CO16354	CO16353	12.64	1 1-	4ACSR	0	0	426	140	3	0	0	0.00	7.15	0
CO16468	CO16354	12.69	1 1-	4ACSR	0	0	423	139	3	0	0	0.00	7.15	0
CO16355	CO16468	12.74	1 1-	4ACSR	0	0	420	139	3	0	0	0.00	7.15	0
CO16281	CO16354	12.69	0 1-	4ACSR	0	0	423	139	0	0	0	0.00	7.15	0
CO16302	CO16347	11.76	1 1-	4ACSR	0	0	492	147	9	1	1	0.00	6.86	0
CO16294	CO16274	11.75	0 1-	4ACSR	0	0	493	147	0	0	0	0.00	6.70	0
CO16344	CO16386	11.63	0 1-	4ACSR	0	0	503	148	0	0	0	0.00	6.55	0
CO16345	CO16344	12.00	0 1-	4ACSR	0	0	472	145	0	0	0	0.00	6.55	0
CO16343	CO16345	12.53	0 1-	4ACSR	0	0	433	140	0	0	0	0.00	6.55	0
CO16295	CO16343	12.66	0 1-	4ACSR	0	0	425	139	0	0	0	0.00	6.55	0
CO16341	CO16343	12.62	0 1-	4ACSR	0	0	427	140	0	0	0	0.00	6.55	0
CO16342	CO16341	12.71	0 1-	4ACSR	0	0	421	139	0	0	0	0.00	6.55	0
CO16340	CO16342	12.82	0 1-	4ACSR	0	0	415	138	0	0	0	0.00	6.55	0
CO16339	CO16340	12.97	0 1-	4ACSR	0	0	406	137	0	0	0	0.00	6.55	0
CO17229	CO16339	13.14	0 1-	4ACSR	0	0	396	136	0	0	0	0.00	6.55	0
CO16298	CO16390	11.01	2 1-	4ACSR	0	0	563	153	6	0	1	0.00	6.31	0
CO16464	CO16275	10.59	0 1-	4ACSR	0	0	610	157	0	0	0	0.00	6.02	0
SW505-A	CO16464	10.59	0 1-	Open	0	0	610	157	0	0	0	0.00	6.02	0
CO16393	CO16395	10.57	1 1-	4ACSR	0	0	613	157	8	1	1	0.00	5.98	0
CO16394	CO16393	10.62	1 1-	4ACSR	0	0	606	157	8	1	1	0.00	5.98	0
CO16299	CO16398	10.35	0 1-	4ACSR	0	0	640	159	0	0	0	0.00	5.70	0
CO16409	CO16412	9.46	2 1-	4ACSR	0	0	766	168	8	1	1	0.00	4.93	0
CO16410	CO16409	9.48	0 1-	4ACSR	0	0	763	168	0	0	0	0.00	4.93	0
CO16063+	CO16035	8.72	1 1-	4ACSR	0	0	915	303	1	0	0	0.00	4.23	0
CO16051+	CO16025	8.62	2 1-	4ACSR	0	0	921	303	3	0	0	0.00	4.19	0
CO16111+	CO16108	8.55	4 1-	4ACSR	0	0	925	304	19	1	1	0.00	4.17	0
CO16112+	CO16111	8.59	2 1-	4ACSR	0	0	920	303	5	0	0	0.00	4.17	0
CO16106+	CO16024	7.91	16 3-	2ACSR	1252	1158	973	307	74	1	1	0.01	3.90	0
CO16107+	CO16106	7.93	15 3-	2ACSR	1249	1155	970	306	74	1	1	0.00	3.90	0
CO16087+	CO16107	8.08	1 1-	2ACSR	0	0	953	304	3	0	0	0.00	3.90	0
CO16105+	CO16107	7.98	14 3-	2ACSR	1242	1149	964	306	71	1	1	0.00	3.90	0
CO16101+	CO16105	8.07	3 1-	2ACSR	0	0	954	305	30	2	1	0.00	3.91	0
CO16102+	CO16101	8.12	3 1-	2ACSR	0	0	948	304	30	2	1	0.00	3.91	0
CO16103+	CO16102	8.15	2 1-	2ACSR	0	0	945	304	18	1	1	0.00	3.91	0
CO16104+	CO16103	8.22	1 1-	2ACSR	0	0	937	303	9	0	0	0.00	3.91	0
CO16098+	CO16105	8.09	10 3-	2ACSR	1227	1136	951	304	38	0	0	0.00	3.91	0
CO16099+	CO16098	8.14	9 3-	2ACSR	1221	1131	946	304	38	0	0	0.00	3.91	0
CO16100+	CO16099	8.36	8 3-	2ACSR	1192	1105	921	301	35	0	0	0.00	3.91	0
CO16095+	CO16100	8.46	3 1-	2ACSR	0	0	910	300	14	0	1	0.00	3.91	0
CO16096+	CO16095	8.57	2 1-	2ACSR	0	0	898	298	14	0	1	0.00	3.91	0
CO16097+	CO16096	8.62	1 1-	2ACSR	0	0	893	298	0	0	0	0.00	3.91	0
CO16094+	CO16100	8.44	4 3-	2ACSR	1182	1097	913	300	18	0	0	0.00	3.91	0
CO17204+	CO16094	8.51	2 3-	2ACSR	1172	1088	904	299	12	0	0	0.00	3.91	0
CO16599+	CO17204	8.59	0 3-	2ACSR	1163	1080	896	298	0	0	0	0.00	3.91	0
CO16600+	CO16599	8.78	0 3-	2ACSR	1139	1059	876	296	0	0	0	0.00	3.91	0
CO16715+	CO16600	8.79	0 3-	2ACSR	1138	1058	876	296	0	0	0	0.00	3.91	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SW506-A+	CO16715	8.79	0 3-	Open	1138	1058	876	296	0	0	0	0.00	3.91	0
CO17202+	CO17204	8.68	2 1-	2ACSR	0	0	887	297	12	0	0	0.00	3.91	0
CO16049+	CO16179	7.38	9 1-	4ACSR	0	0	1024	310	30	2	1	0.00	3.76	0
CO16241+	CO16049	7.39	9 1-	4ACSR	0	0	1023	310	30	2	1	0.00	3.76	0
OC485+	CO16241	7.39	9 1-	25 E OCR	0	0	1023	310	30	2	8	0.00	3.76	0
CO16242+	OC485	7.46	9 1-	4ACSR	0	0	1012	309	30	2	1	0.00	3.76	0
CO16161+	CO16242	7.59	8 1-	4ACSR	0	0	992	307	30	2	1	0.01	3.77	0
CO16162+	CO16161	7.89	8 1-	4ACSR	0	0	948	301	30	2	1	0.01	3.79	0
CO16050+	CO16162	7.95	1 1-	4ACSR	0	0	940	300	11	0	1	0.00	3.79	0
CO16163+	CO16162	7.92	7 1-	4ACSR	0	0	943	301	19	1	1	0.00	3.79	0
CO16164+	CO16163	7.96	7 1-	4ACSR	0	0	938	300	19	1	1	0.00	3.79	0
CO16169+	CO16164	8.45	3 1-	4ACSR	0	0	873	292	14	0	1	0.01	3.80	0
CO16168+	CO16169	8.58	3 1-	4ACSR	0	0	858	290	14	0	1	0.00	3.80	0
CO16174+	CO16168	8.95	1 1-	4ACSR	0	0	813	283	4	0	0	0.00	3.80	0
CO16175+	CO16174	9.25	1 1-	4ACSR	0	0	781	279	4	0	0	0.00	3.80	0
CO16176+	CO16175	9.30	1 1-	4ACSR	0	0	776	278	4	0	0	0.00	3.80	0
CO16177+	CO16176	9.33	1 1-	4ACSR	0	0	772	278	4	0	0	0.00	3.80	0
CO16178+	CO16177	9.39	1 1-	4ACSR	0	0	766	277	4	0	0	0.00	3.81	0
CO16170+	CO16168	8.78	2 1-	4ACSR	0	0	833	286	11	0	1	0.00	3.80	0
CO16171+	CO16170	8.97	2 1-	4ACSR	0	0	811	283	11	0	1	0.00	3.81	0
CO16172+	CO16171	9.03	2 1-	4ACSR	0	0	805	282	11	0	1	0.00	3.81	0
CO16173+	CO16172	9.18	1 1-	4ACSR	0	0	788	280	10	0	1	0.00	3.81	0
CO16165+	CO16164	8.24	1 1-	4ACSR	0	0	900	295	1	0	0	0.00	3.79	0
CO16166+	CO16165	8.66	1 1-	4ACSR	0	0	847	288	1	0	0	0.00	3.79	0
CO16167+	CO16166	8.95	1 1-	2ACSR	0	0	820	285	1	0	0	0.00	3.79	0
CO16089+	CO16163	7.95	0 1-	2ACSR	0	0	940	300	0	0	0	0.00	3.79	0
CO16239+	CO16188	6.38	0 1-	6ACWC	0	0	1136	318	0	0	0	0.00	3.40	0
CO16237+	CO16188	6.38	0 1-	6ACWC	0	0	1136	318	0	0	0	0.00	3.40	0
OC487+	CO16237	6.38	0 1-	10 N FUSE	0	0	1136	318	0	0	0	0.00	3.40	0
CO16238+	OC487	6.62	0 1-	6ACWC	0	0	1092	313	0	0	0	0.00	3.40	0
CO16083+	CO16238	6.68	0 1-	6ACWC	0	0	1080	312	0	0	0	0.00	3.40	0
XFMR30	CO16039	4.75	33 1-	333 KVA 1PH AUT	0	0	933	174	269	18	81	0.68	3.44	0
CO16042	XFMR30	4.85	33 1-	4ACSR	0	0	912	173	269	37	27	0.18	3.61	78
CO16257	CO16042	4.86	33 1-	4ACSR	0	0	910	173	269	37	27	0.01	3.63	5
OC490	CO16257	4.86	33 1-	50 H OCR	0	0	910	173	269	37	75	0.00	3.63	0
CO16258	OC490	5.02	33 1-	4ACSR	0	0	878	171	269	37	27	0.28	3.90	122
CO16073	CO16258	5.06	1 1-	4ACSR	0	0	870	170	13	1	1	0.00	3.90	0
CO16201	CO16258	5.10	32 1-	4ACSR	0	0	863	170	256	35	25	0.12	4.02	50
CO16202	CO16201	5.23	30 1-	4ACSR	0	0	837	169	252	35	25	0.21	4.24	88
CO16043	CO16202	5.50	28 1-	4ACSR	0	0	788	166	245	34	24	0.41	4.65	166
CO16074	CO16043	5.69	1 1-	4ACSR	0	0	755	164	4	0	0	0.00	4.65	0
CO16044	CO16043	5.84	25 1-	4ACSR	0	0	729	162	232	32	23	0.51	5.15	194
CO16045	CO16044	5.94	23 1-	4ACSR	0	0	714	161	207	29	21	0.12	5.28	43
CO16226	CO16045	6.01	1 1-	4ACSR	0	0	702	161	10	1	1	0.00	5.28	0
CO16227	CO16226	6.37	0 1-	4ACSR	0	0	649	157	0	0	0	0.00	5.28	0
CO16228	CO16227	6.60	0 1-	4ACSR	0	0	619	155	0	0	0	0.00	5.28	0
CO16229	CO16228	6.73	0 1-	4ACSR	0	0	602	154	0	0	0	0.00	5.28	0
CO16230	CO16229	6.84	0 1-	4ACSR	0	0	589	153	0	0	0	0.00	5.28	0
CO16048	CO16045	6.01	22 1-	4ACSR	0	0	703	161	197	27	20	0.09	5.37	28
CO16086	CO16048	6.03	0 1-	4ACSR	0	0	699	160	0	0	0	0.00	5.37	0
CO16205	CO16048	6.17	21 1-	4ACSR	0	0	678	159	191	26	19	0.19	5.55	57
CO16206	CO16205	6.20	19 1-	4ACSR	0	0	673	159	166	23	17	0.03	5.59	9

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16207	CO16206	6.26	18 1-	4ACSR	0	0	665	158	155	21	16	0.05	5.64	14
CO16084	CO16207	6.28	1 1-	4ACSR	0	0	661	158	7	1	1	0.00	5.64	0
CO16047	CO16207	6.33	16 1-	4ACSR	0	0	654	157	138	19	14	0.06	5.70	13
CO16213	CO16047	6.36	9 1-	4ACSR	0	0	650	157	71	10	7	0.01	5.71	0
CO16214	CO16213	6.42	8 1-	4ACSR	0	0	642	157	71	10	7	0.03	5.74	3
CO16215	CO16214	6.48	8 1-	4ACSR	0	0	635	156	71	10	7	0.03	5.77	3
CO16216	CO16215	6.53	8 1-	4ACSR	0	0	627	156	71	10	7	0.02	5.79	3
CO16217	CO16216	6.68	7 1-	4ACSR	0	0	608	154	61	8	6	0.06	5.85	6
CO17167	CO16217	6.72	2 1-	4ACSR	0	0	603	154	5	0	0	0.00	5.85	0
CO14193	CO17167	6.79	2 1-	4ACSR	0	0	595	153	5	0	0	0.00	5.85	0
CO14194	CO14193	6.85	1 1-	4ACSR	0	0	588	153	4	0	0	0.00	5.85	0
CO16080	CO16217	6.72	1 1-	4ACSR	0	0	603	154	12	1	1	0.00	5.85	0
CO16218	CO16217	6.75	4 1-	4ACSR	0	0	600	154	44	6	4	0.01	5.86	0
CO16219	CO16218	6.76	3 1-	4ACSR	0	0	598	154	25	3	3	0.00	5.87	0
CO16046	CO16219	6.84	1 1-	4ACSR	0	0	589	153	4	0	0	0.00	5.87	0
CO16079	CO16046	6.97	1 1-	4ACSR	0	0	574	152	4	0	0	0.00	5.87	0
CO16259	CO16046	6.84	0 1-	4ACSR	0	0	588	153	0	0	0	0.00	5.87	0
CO16220	CO16219	6.85	2 1-	4ACSR	0	0	588	153	21	3	2	0.01	5.88	0
CO16221	CO16220	6.89	1 1-	4ACSR	0	0	583	152	10	1	1	0.00	5.88	0
CO16208	CO16047	6.39	5 1-	4ACSR	0	0	646	157	45	6	5	0.02	5.72	0
CO16209	CO16208	6.43	4 1-	4ACSR	0	0	641	157	39	5	4	0.01	5.73	0
CO16085	CO16209	6.46	1 1-	4ACSR	0	0	637	156	9	1	1	0.00	5.73	0
CO16210	CO16209	6.47	2 1-	4ACSR	0	0	636	156	17	2	2	0.00	5.73	0
CO16211	CO16210	6.50	2 1-	4ACSR	0	0	631	156	17	2	2	0.00	5.73	0
CO16077	CO16211	6.55	1 1-	4ACSR	0	0	625	155	7	1	1	0.00	5.74	0
CO16212	CO16211	6.56	1 1-	4ACSR	0	0	623	155	10	1	1	0.00	5.74	0
CO16078	CO16208	6.41	1 1-	4ACSR	0	0	644	157	6	0	1	0.00	5.72	0
CO16076	CO16044	5.96	1 1-	4ACSR	0	0	711	161	12	1	1	0.00	5.16	0
CO16075	CO16044	5.87	1 1-	4ACSR	0	0	724	162	12	1	1	0.00	5.16	0
CO16224	CO16043	5.64	2 1-	4ACSR	0	0	763	164	9	1	1	0.01	4.66	0
CO16225	CO16224	5.67	2 1-	4ACSR	0	0	757	164	9	1	1	0.00	4.66	0
CO16222	CO16225	5.76	1 1-	4ACSR	0	0	743	163	0	0	0	0.00	4.66	0
CO16223	CO16222	5.88	1 1-	4ACSR	0	0	723	162	0	0	0	0.00	4.66	0
CO16072	CO16223	6.09	1 1-	4ACSR	0	0	689	160	0	0	0	0.00	4.66	0
CO16261	CO16223	5.88	0 1-	4ACSR	0	0	722	162	0	0	0	0.00	4.66	0
CO16203	CO16202	5.33	2 1-	4ACSR	0	0	819	168	6	0	1	0.00	4.24	0
CO16204	CO16203	5.40	1 1-	4ACSR	0	0	806	167	3	0	0	0.00	4.24	0
CO16069+	CO17187	4.10	2 1-	4ACSR	0	0	1477	331	13	0	1	0.00	2.46	0
CO15517+	CO15161	3.04	8 1-	4ACSR	0	0	1718	338	40	2	2	0.00	1.86	0
OC458+	CO15517	3.04	8 1-	10 N FUSE	0	0	1718	338	40	2	27	0.00	1.86	0
CO15518+	OC458	3.22	8 1-	4ACSR	0	0	1647	334	40	2	2	0.01	1.87	0
CO15264+	CO15518	3.31	7 1-	4ACSR	0	0	1611	332	26	1	1	0.00	1.87	0
CO15268+	CO15264	3.41	7 1-	4ACSR	0	0	1576	330	26	1	1	0.00	1.88	0
CO15265+	CO15268	3.50	5 1-	4ACSR	0	0	1542	328	24	1	1	0.00	1.88	0
CO15267+	CO15265	3.52	3 1-	4ACSR	0	0	1535	328	21	1	1	0.00	1.88	0
CO15266+	CO15267	3.58	3 1-	4ACSR	0	0	1515	327	21	1	1	0.00	1.88	0
CO17189+	CO15266	3.72	1 1-	2ACSR	0	0	1475	325	0	0	0	0.00	1.88	0
CO15405+	CO15294	2.38	3 1-	4ACSR	0	0	1901	342	39	2	2	0.00	1.45	0
CO15404+	CO15405	2.48	1 1-	4ACSR	0	0	1852	339	13	0	1	0.00	1.45	0
CO15192+	CO15163	2.12	1 1-	4ACSR	0	0	1990	344	8	0	0	0.00	1.31	0
CO17185+	CO17243	2.05	4 1-	4ACSR	0	0	2007	343	27	1	1	0.00	1.24	0
CO15933+	CO17185	2.13	1 1-	4ACSR	0	0	1963	341	0	0	0	0.00	1.24	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15885+	CO17185	2.10	1 1-	4ACSR	0	0	1977	342	15	0	1	0.00	1.24	0
CO15884+	CO15870	1.84	1 1-	4ACSR	0	0	2070	343	12	0	1	0.00	1.06	0
CO15883+	CO15870	1.71	2 1-	4ACSR	0	0	2144	346	12	0	1	0.00	1.06	0
CO17191+	CO15935	1.62	2 1-	4ACSR	0	0	2180	347	16	1	1	0.00	1.01	0
CO15409+	CO17191	1.67	1 1-	4ACSR	0	0	2154	346	0	0	0	0.00	1.01	0
CO15454+	CO15176	1.14	6 1-	4ACSR	0	0	2400	350	33	2	2	0.00	0.72	0
CO15453+	CO15454	1.29	1 1-	4ACSR	0	0	2296	347	15	0	1	0.00	0.72	0
CO15455+	CO15363	0.86	2 1-	4ACSR	0	0	2510	349	4	0	0	0.00	0.44	0
CO15457+	CO15455	1.00	1 1-	4ACSR	0	0	2399	346	4	0	0	0.00	0.44	0
CO15456+	CO15457	1.03	1 1-	4ACSR	0	0	2373	345	4	0	0	0.00	0.44	0
CO15239+	CO15363	0.81	1 1-	4ACSR	0	0	2548	350	0	0	0	0.00	0.44	0
CO15253+	CO15364	0.71	1 1-	4ACSR	0	0	2616	351	7	0	0	0.00	0.40	0
CO15504+	CO15175	0.63	3 1-	4ACSR	0	0	2658	352	22	1	1	0.00	0.34	0
CO15503+	CO15504	0.64	2 1-	4ACSR	0	0	2650	351	22	1	1	0.00	0.34	0
CO15505+	CO15503	0.70	2 1-	4ACSR	0	0	2599	350	22	1	1	0.00	0.34	0
CO15263+	CO15505	0.74	1 1-	4ACSR	0	0	2571	349	0	0	0	0.00	0.34	0
CO15256+	CO15505	0.72	1 1-	1/0PRIURD	0	0	2589	861	22	1	1	0.00	0.34	0
CO15232+	CO15348	0.19	0 3-	1/0PRIURD	2983	2989	2981	906	0	0	0	0.00	0.11	0
CO15509+	CO15507	0.01	669 3-	750 MCM - 42 wi	3060	3096	3114	357	5716	128	11	0.00	0.01	6
Mt. Carmel+	CO15509	0.01	669 3-	VWVE	3060	3096	3114	357	5715	128	16	0.00	0.01	0
CO15344+	Mt. Carmel	0.04	669 3-	4/0ACSR	3045	3074	3090	357	5715	128	38	0.02	0.03	146
CO15341+	CO15344	0.21	669 3-	4/0ACSR	2963	2969	2964	356	5715	128	38	0.11	0.13	794
CO15343+	CO15341	0.36	669 3-	4/0ACSR	2891	2888	2857	355	5711	128	38	0.10	0.23	722
CO-1789146758+	CO15343	0.39	0 1-	2ACSR	0	0	2836	355	0	0	0	0.00	0.23	0
CO15342+	CO15343	0.40	668 3-	4/0ACSR	2874	2868	2832	355	5702	128	38	0.02	0.25	175
CO15230+	CO15342	0.45	1 1-	4ACSR	0	0	2784	354	14	0	1	0.00	0.25	0
OC-332258621+	CO15230	0.45	0 1-	20 N FUSE	0	0	2784	354	0	0	0	0.00	0.25	0
CO15346+	CO15342	0.48	667 3-	4/0ACSR	2839	2828	2780	354	5687	128	38	0.05	0.30	371
CO15345+	CO15346	0.55	667 3-	4/0ACSR	2809	2795	2737	354	5685	128	38	0.04	0.34	312
CO15391+	CO15345	0.58	663 3-	4/0ACSR	2793	2777	2714	354	5635	127	37	0.02	0.37	172
CO17174+	CO15391	0.66	657 3-	4/0ACSR	2759	2737	2665	353	4741	106	31	0.04	0.41	264
CO15991+	CO17174	1.10	656 3-	4/0ACSR	2582	2539	2422	351	4740	106	31	0.23	0.63	1440
CO15992+	CO15991	1.26	656 3-	4/0ACSR	2526	2477	2348	350	4733	106	31	0.08	0.71	495
CO15993+	CO15992	1.47	656 3-	4/0ACSR	2450	2393	2250	348	4731	106	31	0.11	0.82	702
CO15994+	CO15993	1.59	656 3-	4/0ACSR	2411	2350	2200	347	4727	106	31	0.06	0.88	380
CO15872+	CO15994	1.68	653 3-	4/0ACSR	2380	2316	2161	347	4713	106	31	0.05	0.93	308
CO15986+	CO15872	1.72	649 3-	4/0ACSR	2367	2302	2146	347	4690	105	31	0.02	0.95	122
CO15987+	CO15986	2.38	649 3-	4/0ACSR	2172	2091	1910	342	4690	105	31	0.33	1.28	2113
SW1019572393-B+	CO15987	2.38	648 3-	Closed	2172	2091	1910	342	4672	105	0	0.00	1.28	0
SW1019572393-A+	SW1019572393-B	2.38	648 3-	Closed	2172	2091	1910	342	4672	105	0	0.00	1.28	0
CO15988+	SW1019572393-A	2.54	648 3-	4/0ACSR	2127	2043	1858	341	4672	105	31	0.08	1.36	535
CO15978+	CO15988	2.69	184 3-	1/0CU	2088	2002	1813	340	1138	26	9	0.03	1.39	39
CO16021+	CO15978	2.70	184 3-	1/0CU	2087	2000	1811	340	1138	26	9	0.00	1.39	0
OC484+	CO16021	2.70	184 3-	70 E OCR	2087	2000	1811	340	1138	26	38	0.00	1.39	0
XFMR17	OC484	2.70	184 3-	333 KVA 1PH AUT	1052	1043	1015	176	1138	26	116	1.36	2.75	0
CO16022	XFMR17	2.75	184 3-	1/0CU	1047	1037	1007	175	1138	53	17	0.03	2.78	46
CO15979	CO16022	2.79	183 3-	1/0CU	1042	1032	1000	175	1137	53	17	0.03	2.81	44
CO15980	CO15979	2.80	183 3-	1/0CU	1041	1030	998	175	1137	53	17	0.01	2.82	12
CO2060903933	CO15980	2.84	0 1-	2ACSR	0	0	990	175	0	0	0	0.00	2.82	0
OC1051516295	CO2060903933	2.84	0 1-	20 N FUSE	0	0	990	175	0	0	0	0.00	2.82	0
CO15981	CO15980	2.92	182 3-	1/0CU	1027	1015	979	175	1122	52	17	0.08	2.90	121

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15970	CO15981	3.03	175 3-	1/0CU	1015	1002	962	174	1073	50	16	0.07	2.96	97
CO15971	CO15970	3.09	175 3-	1/0CU	1008	994	952	174	1073	50	16	0.04	3.00	57
CO30613	CO15971	3.21	174 3-	1/0CU	995	979	934	174	1070	50	16	0.08	3.08	111
FD-933864218	CO30613	3.21	174 3-	_DefaultBayEqui	995	979	934	174	1069	50	0	0.00	3.08	0
CO25737	FD-933864218	3.31	174 3-	1/0CU	985	968	920	173	1069	50	16	0.06	3.14	86
OC-933864218	CO25737	3.31	141 3-	20 N FUSE	985	968	920	173	820	38	193	0.00	3.14	0
CO25764	OC-933864218	3.42	141 3-	1/0CU	973	955	905	173	820	38	12	0.05	3.19	60
CO25765	CO25764	3.54	141 3-	1/0CU	960	941	888	172	819	38	12	0.06	3.25	67
CO25704	CO25765	3.88	140 3-	1/0CU	927	904	844	171	811	38	12	0.16	3.41	177
CO25689	CO25704	3.98	140 3-	1/0CU	918	894	832	171	810	38	12	0.05	3.46	52
CO25709	CO25689	4.06	1 1-	4ACSR	0	0	819	170	5	0	0	0.00	3.46	0
OC-1176002341	CO25709	4.06	0 1-	20 N FUSE	0	0	819	170	0	0	0	0.00	3.46	0
CO25766	CO25689	4.10	139 3-	1/0CU	907	882	819	170	805	38	12	0.05	3.51	59
CO25767	CO25766	4.18	138 3-	1/0CU	899	874	809	170	793	37	12	0.04	3.55	42
CO25690	CO25767	4.52	105 3-	1/0CU	869	841	772	169	604	28	9	0.12	3.67	100
CO25769	CO25690	4.63	1 1-	4ACSR	0	0	755	167	0	0	0	0.00	3.67	0
OC-109759334	CO25769	4.63	1 1-	20 N FUSE	0	0	755	167	0	0	0	0.00	3.67	0
CO25770	OC-109759334	4.70	1 1-	4ACSR	0	0	745	167	0	0	0	0.00	3.67	0
CO25691	CO25690	4.60	104 3-	1/0CU	863	834	765	168	604	28	9	0.03	3.69	22
CO25692	CO25691	4.91	103 3-	1/0CU	837	806	734	167	594	28	9	0.11	3.80	86
CO25774	CO25692	5.00	98 3-	1/0CU	829	798	725	167	561	26	9	0.03	3.83	24
CO25775	CO25774	5.36	98 3-	1/0CU	802	769	693	166	561	26	9	0.12	3.95	91
CO25777	CO25775	5.40	3 1-	2ACSR	0	0	689	165	11	1	1	0.00	3.95	0
OC1167431268	CO25777	5.40	2 1-	20 N FUSE	0	0	689	165	6	0	5	0.00	3.95	0
CO25778	OC1167431268	5.46	2 1-	2ACSR	0	0	682	165	6	0	1	0.00	3.95	0
CO25776	CO25775	5.38	95 3-	1/0CU	800	767	691	166	550	26	8	0.01	3.96	5
CO25693	CO25776	5.46	90 3-	1/0CU	795	761	685	165	519	24	8	0.02	3.98	16
CO25714	CO25693	5.51	1 1-	4ACSR	0	0	679	165	8	1	1	0.00	3.98	0
OC-1159308577	CO25714	5.51	0 1-	20 N FUSE	0	0	679	165	0	0	0	0.00	3.98	0
CO25779	CO25693	5.49	89 3-	1/0CU	792	758	682	165	511	24	8	0.01	3.99	7
CO25780	CO25779	5.56	88 3-	1/0CU	788	754	677	165	511	24	8	0.02	4.01	13
CO25715	CO25780	5.61	2 1-	4ACSR	0	0	670	164	17	2	2	0.00	4.01	0
OC877402098	CO25715	5.61	0 1-	20 N FUSE	0	0	670	164	0	0	0	0.00	4.01	0
CO25694	CO25780	5.65	86 3-	1/0CU	781	747	669	165	495	23	8	0.03	4.04	19
CO25716	CO25694	5.79	1 1-	4ACSR	0	0	652	163	9	1	1	0.00	4.04	0
OC-2141006351	CO25716	5.79	0 1-	20 N FUSE	0	0	652	163	0	0	0	0.00	4.04	0
CO25781	CO25694	5.76	85 3-	1/0CU	773	738	661	164	486	23	7	0.03	4.07	22
CO25782	CO25781	5.84	85 3-	1/0CU	768	733	655	164	486	23	7	0.02	4.09	14
CO25695	CO25782	6.16	84 3-	1/0CU	746	710	631	163	472	22	7	0.09	4.18	58
CO25787	CO25695	6.23	79 3-	1/0CU	742	705	626	162	449	21	7	0.02	4.19	10
CO30364	CO25787	6.46	79 3-	1/0CU	727	690	611	162	448	21	7	0.06	4.26	37
CO26145	CO30364	6.59	45 3-	1/0CU	719	681	602	161	292	13	4	0.02	4.28	9
CO26309	CO26145	6.81	45 3-	1/0CU	705	667	588	160	292	13	4	0.04	4.31	15
CO26310	CO26309	6.88	43 3-	1/0CU	702	663	583	160	271	12	4	0.01	4.32	4
CO26146	CO26310	6.96	20 3-	1/0CU	697	659	579	160	120	5	2	0.01	4.33	0
CO26178	CO26146	7.11	1 1-	4ACSR	0	0	564	158	0	0	0	0.00	4.33	0
OC-466822916	CO26178	7.11	0 1-	20 N FUSE	0	0	564	158	0	0	0	0.00	4.33	0
CO26307	CO26146	7.15	18 3-	1/0CU	686	648	568	159	114	5	2	0.01	4.34	0
CO26308	CO26307	7.34	18 3-	1/0CU	676	636	557	159	114	5	2	0.01	4.36	0
FD-533345056	CO26308	7.34	14 3-	_DefaultBayEqui	676	636	557	159	104	4	0	0.00	4.36	0
CO26147	FD-533345056	7.48	14 3-	1/0CU	668	629	549	158	104	4	2	0.01	4.36	0
OC-533345056	CO26147	7.48	7 3-	20 N FUSE	668	629	549	158	46	2	11	0.00	4.36	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26148	OC-533345056	8.02	7 3-	1/0CU	640	600	521	156	46	2	1	0.01	4.38	0
CO26149	CO26148	8.11	2 3-	1/0CU	636	596	516	156	23	1	0	0.00	4.38	0
CO26182	CO26149	8.23	1 1-	4ACSR	0	0	507	155	16	2	2	0.01	4.39	0
OC289630355	CO26182	8.23	0 1-	20 N FUSE	0	0	507	155	0	0	0	0.00	4.39	0
CO26150	CO26149	8.25	1 3-	1/0CU	629	589	510	155	7	0	0	0.00	4.38	0
CO26330	CO26150	8.64	0 3-	1/0CU	611	571	492	154	0	0	0	0.00	4.38	0
CO26331	CO26330	8.65	0 3-	1/0CU	611	570	492	154	0	0	0	0.00	4.38	0
SW810-A	CO26331	8.65	0 3-	Open	611	570	492	154	0	0	0	0.00	4.38	0
CO26181	CO26150	8.38	1 1-	4ACSR	0	0	500	154	7	0	1	0.00	4.38	0
OC600411457	CO26181	8.38	0 1-	20 N FUSE	0	0	500	154	0	0	0	0.00	4.38	0
CO26334	CO26148	8.03	5 1-	4ACSR	0	0	520	156	24	3	2	0.00	4.38	0
OC796	CO26334	8.03	5 1-	10 N FUSE	0	0	520	156	24	3	34	0.00	4.38	0
CO26335	OC796	8.19	5 1-	4ACSR	0	0	507	155	24	3	2	0.02	4.40	0
CO-523696628	CO26335	8.22	3 1-	2ACSR	0	0	505	154	16	2	1	0.00	4.40	0
CO-782934895	CO-523696628	8.32	2 1-	2ACSR	0	0	499	154	14	2	1	0.00	4.41	0
CO-1593521788	CO-523696628	8.25	1 1-	2ACSR	0	0	503	154	2	0	0	0.00	4.40	0
CO26303	CO-1593521788	8.40	1 1-	4ACSR	0	0	492	153	2	0	0	0.00	4.41	0
CO26304	CO26303	8.63	0 1-	4ACSR	0	0	476	151	0	0	0	0.00	4.41	0
CO26183	CO26335	8.26	1 1-	4ACSR	0	0	502	154	2	0	0	0.00	4.40	0
CO26336	CO26147	7.48	7 1-	4ACSR	0	0	548	158	58	8	6	0.00	4.37	0
OC794	CO26336	7.48	7 1-	25 H OCR	0	0	548	158	58	8	33	0.00	4.37	0
CO26337	OC794	7.54	7 1-	4ACSR	0	0	544	158	58	8	6	0.02	4.39	0
CO26320	CO26337	7.68	6 1-	4ACSR	0	0	531	156	57	8	6	0.05	4.44	5
CO26321	CO26320	8.01	4 1-	4ACSR	0	0	505	153	42	6	4	0.09	4.53	6
CO26151	CO26321	8.08	3 1-	4ACSR	0	0	499	152	40	5	4	0.02	4.55	0
CO26188	CO26151	8.11	1 1-	4ACSR	0	0	496	152	35	4	4	0.00	4.55	0
CO26152	CO26151	8.18	2 1-	4ACSR	0	0	491	152	5	0	1	0.00	4.55	0
CO26153	CO26152	8.37	1 1-	4ACSR	0	0	477	150	0	0	0	0.00	4.55	0
OC1885936024	CO26153	8.37	1 1-	20 N FUSE	0	0	477	150	0	0	0	0.00	4.55	0
CO26186	OC1885936024	8.61	1 1-	4ACSR	0	0	460	148	0	0	0	0.00	4.55	0
CO26154	OC1885936024	8.82	0 1-	4ACSR	0	0	445	146	0	0	0	0.00	4.55	0
CO26319	CO26154	8.99	0 1-	4ACSR	0	0	434	145	0	0	0	0.00	4.55	0
CO30385	CO26319	9.18	0 1-	4ACSR	0	0	423	143	0	0	0	0.00	4.55	0
CO26185	CO26154	8.95	0 1-	4ACSR	0	0	437	145	0	0	0	0.00	4.55	0
CO26184	CO26154	8.95	0 1-	4ACSR	0	0	437	145	0	0	0	0.00	4.55	0
CO26187	CO26152	8.33	1 1-	4ACSR	0	0	480	150	5	0	1	0.00	4.56	0
CO26189	CO26321	8.14	1 1-	4ACSR	0	0	494	152	2	0	0	0.00	4.53	0
CO26193	CO26320	7.78	1 1-	2ACSR	0	0	525	155	11	1	1	0.00	4.44	0
CO26179	CO26308	7.40	1 1-	4ACSR	0	0	551	158	2	0	0	0.00	4.36	0
OC-2083373828	CO26179	7.40	0 1-	20 N FUSE	0	0	551	158	0	0	0	0.00	4.36	0
CO26305	CO26308	7.42	3 1-	4ACSR	0	0	549	158	8	1	1	0.00	4.36	0
OC1841024741	CO26305	7.42	2 1-	20 N FUSE	0	0	549	158	7	1	5	0.00	4.36	0
CO26180	OC1841024741	7.48	1 1-	4ACSR	0	0	544	157	6	0	1	0.00	4.36	0
CO26306	OC1841024741	7.59	1 1-	4ACSR	0	0	535	156	1	0	0	0.00	4.36	0
CO26343	CO26310	6.89	23 1-	4ACSR	0	0	583	160	152	21	15	0.01	4.33	0
OC795	CO26343	6.89	23 1-	25 H OCR	0	0	583	160	152	21	86	0.00	4.33	0
CO26344	OC795	6.99	23 1-	4ACSR	0	0	573	159	152	21	15	0.11	4.44	26
CO26190	CO26344	7.04	1 1-	4ACSR	0	0	568	159	10	1	1	0.00	4.44	0
CO26311	CO26344	7.03	22 1-	4ACSR	0	0	569	159	142	20	14	0.04	4.47	8
CO26312	CO26311	7.39	21 1-	4ACSR	0	0	536	155	135	19	14	0.31	4.79	69
CO26313	CO26312	7.52	20 1-	4ACSR	0	0	524	154	128	18	13	0.11	4.90	23
CO30606	CO26313	7.69	18 1-	4ACSR	0	0	510	152	119	16	12	0.13	5.03	26

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16547	CO30606	7.72	18 1-	4ACSR	0	0	508	152	119	16	12	0.02	5.05	4
CO16548	CO16547	7.83	17 1-	4ACSR	0	0	499	151	116	16	12	0.08	5.14	16
CO16549	CO16548	7.90	17 1-	4ACSR	0	0	493	151	116	16	12	0.06	5.19	11
CO16539	CO16549	7.97	1 1-	4ACSR	0	0	488	150	23	3	2	0.00	5.20	0
CO1220081503	CO16539	8.03	0 1-	1/0PRIURD	0	0	485	287	0	0	0	0.00	5.20	0
CO16502	CO16549	8.30	16 1-	4ACSR	0	0	464	147	93	13	10	0.24	5.44	38
CO391983760	CO16502	8.44	4 1-	4ACSR	0	0	454	146	10	1	1	0.01	5.45	0
OC1840980965	CO391983760	8.44	4 1-	20 N FUSE	0	0	454	146	10	1	7	0.00	5.45	0
CO94789687	OC1840980965	8.64	4 1-	4ACSR	0	0	440	144	10	1	1	0.01	5.46	0
CO30607	CO94789687	8.78	4 1-	4ACSR	0	0	430	143	10	1	1	0.01	5.47	0
CO26318	CO30607	8.82	4 1-	4ACSR	0	0	428	143	10	1	1	0.00	5.47	0
CO30609	CO26318	9.41	1 1-	4ACSR	0	0	394	138	1	0	0	0.00	5.47	0
CO15899	CO30609	9.46	0 1-	4ACSR	0	0	391	138	0	0	0	0.00	5.47	0
CO30608	CO26318	8.95	1 1-	4ACSR	0	0	420	142	7	0	1	0.00	5.48	0
CO26177	CO26318	8.98	1 1-	4ACSR	0	0	418	142	0	0	0	0.00	5.47	0
CO26317	CO26318	8.89	1 1-	4ACSR	0	0	424	142	2	0	0	0.00	5.47	0
CO26316	CO26317	8.99	1 1-	4ACSR	0	0	418	142	2	0	0	0.00	5.48	0
CO26176	CO26316	9.08	1 1-	4ACSR	0	0	412	141	2	0	0	0.00	5.48	0
CO-979807252	OC1840980965	8.46	0 1-	4ACSR	0	0	452	146	0	0	0	0.00	5.45	0
CO16550	CO16502	8.81	12 1-	4ACSR	0	0	429	143	83	11	9	0.29	5.72	39
OC-198714742	CO16550	8.81	12 1-	20 N FUSE	0	0	429	143	83	11	60	0.00	5.72	0
CO16551	OC-198714742	8.90	12 1-	4ACSR	0	0	423	142	83	11	9	0.05	5.77	7
CO16552	CO16551	8.99	11 1-	4ACSR	0	0	418	142	80	11	8	0.05	5.82	6
CO16555	CO16552	9.07	9 1-	4ACSR	0	0	413	141	64	9	7	0.03	5.85	3
CO16556	CO16555	9.52	9 1-	4ACSR	0	0	388	138	64	9	7	0.18	6.03	17
CO16557	CO16556	9.62	7 1-	4ACSR	0	0	383	137	52	7	5	0.03	6.06	3
OC-358348579	CO16557	9.62	7 1-	20 N FUSE	0	0	383	137	52	7	38	0.00	6.06	0
CO16501	OC-358348579	10.10	6 1-	4ACSR	0	0	359	133	45	6	5	0.15	6.21	11
CO16558	CO16501	10.24	5 1-	4ACSR	0	0	352	132	27	3	3	0.03	6.23	0
CO16559	CO16558	10.29	4 1-	4ACSR	0	0	350	132	27	3	3	0.01	6.24	0
CO16562	CO16559	10.38	2 1-	4ACSR	0	0	346	132	10	1	1	0.01	6.25	0
CO16563	CO16562	10.46	2 1-	4ACSR	0	0	343	131	10	1	1	0.01	6.25	0
CO16560	CO16563	10.54	2 1-	4ACSR	0	0	339	130	10	1	1	0.01	6.26	0
CO16561	CO16560	10.66	1 1-	4ACSR	0	0	334	130	10	1	1	0.00	6.26	0
CO55267156	CO16561	10.78	0 1-	2ACSR	0	0	330	129	0	0	0	0.00	6.26	0
CO-727243518	CO55267156	10.80	0 1-	2ACSR	0	0	330	129	0	0	0	0.00	6.26	0
CO-470025806	CO55267156	10.81	0 1-	2ACSR	0	0	329	129	0	0	0	0.00	6.26	0
CO16541	CO16501	10.17	1 1-	4ACSR	0	0	356	133	19	2	2	0.00	6.21	0
CO16540	OC-358348579	9.69	1 1-	4ACSR	0	0	379	136	7	0	1	0.00	6.06	0
CO16554	CO16552	9.08	1 1-	4ACSR	0	0	413	141	7	0	1	0.00	5.82	0
CO16553	CO16552	9.04	1 1-	4ACSR	0	0	415	141	9	1	1	0.00	5.82	0
CO26314	CO26313	7.66	2 1-	4ACSR	0	0	513	153	9	1	1	0.00	4.90	0
CO26315	CO26314	7.73	1 1-	4ACSR	0	0	507	152	0	0	0	0.00	4.90	0
CO26347	CO30364	6.46	34 1-	6ACWC	0	0	610	162	156	22	16	0.01	4.26	0
OC798	CO26347	6.46	34 1-	10 N FUSE	0	0	610	162	156	22	224	0.00	4.26	0
CO30363	OC798	6.87	34 1-	2ACSR	0	0	575	159	156	22	12	0.30	4.56	72
CO-273647492	CO30363	6.96	0 1-	2ACSR	0	0	567	158	0	0	0	0.00	4.56	0
CO25788	CO-273647492	7.03	0 1-	6ACWC	0	0	561	158	0	0	0	0.00	4.56	0
CO2036852871	CO30363	7.03	34 1-	2ACSR	0	0	561	158	156	22	12	0.12	4.68	29
CO-767192621	CO2036852871	7.15	34 1-	2ACSR	0	0	552	157	156	22	12	0.08	4.76	20
XFMR118+	CO-767192621	7.15	34 1-	333 KVA 1PH AUT	0	0	200	160	156	22	48	0.54	5.30	0
CO-1753584219+	XFMR118	7.46	34 1-	2ACSR	0	0	199	159	156	11	6	0.06	5.36	14

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1855373228+	CO-1753584219	7.46	34 1-	35 E OCR	0	0	199	159	156	11	32	0.00	5.36	0
CO839455378+	OC-1855373228	7.50	34 1-	2ACSR	0	0	199	159	156	11	6	0.01	5.36	0
CO25790+	CO839455378	7.54	34 1-	4ACSR	0	0	198	158	156	11	8	0.01	5.37	3
CO25789+	CO25790	7.61	33 1-	4ACSR	0	0	198	158	152	10	8	0.02	5.39	4
CO25688+	CO25789	7.70	29 1-	4ACSR	0	0	198	158	138	9	7	0.02	5.41	5
CO25792+	CO25688	7.74	28 1-	4ACSR	0	0	197	157	138	9	7	0.01	5.42	2
CO25791+	CO25792	7.81	28 1-	4ACSR	0	0	197	157	138	9	7	0.02	5.44	4
CO25707+	CO25791	7.90	0 1-	4ACSR	0	0	196	157	0	0	0	0.00	5.44	0
CO25687+	CO25791	8.00	28 1-	4ACSR	0	0	196	156	138	9	7	0.04	5.48	10
CO25706+	CO25687	8.13	1 1-	4ACSR	0	0	195	156	4	0	0	0.00	5.48	0
CO25793+	CO25687	8.11	2 1-	4ACSR	0	0	195	156	18	1	1	0.00	5.48	0
CO-1706399265+	CO25793	8.15	0 1-	2ACSR	0	0	195	156	0	0	0	0.00	5.48	0
CO25794+	CO25793	8.14	2 1-	4ACSR	0	0	195	156	18	1	1	0.00	5.49	0
CO25795+	CO25794	8.18	2 1-	4ACSR	0	0	195	155	18	1	1	0.00	5.49	0
CO25798+	CO25687	8.13	25 1-	4ACSR	0	0	195	156	117	8	6	0.03	5.51	5
CO25797+	CO25798	8.23	25 1-	4ACSR	0	0	195	155	117	8	6	0.02	5.53	4
CO25796+	CO25797	8.34	24 1-	4ACSR	0	0	194	155	113	8	6	0.02	5.55	4
CO30362+	CO25796	8.74	4 1-	4ACSR	0	0	192	153	7	0	0	0.00	5.55	0
CO26078+	CO30362	8.83	4 1-	4ACSR	0	0	191	153	7	0	0	0.00	5.55	0
CO26081+	CO26078	9.02	1 1-	4ACSR	0	0	190	152	1	0	0	0.00	5.55	0
CO26082+	CO26081	9.31	1 1-	4ACSR	0	0	189	150	1	0	0	0.00	5.55	0
CO26079+	CO26078	9.22	3 1-	4ACSR	0	0	189	151	6	0	0	0.00	5.56	0
CO26080+	CO26079	9.43	1 1-	4ACSR	0	0	188	150	5	0	0	0.00	5.56	0
CO26077+	CO26080	9.47	0 1-	2ACSR	0	0	188	150	0	0	0	0.00	5.56	0
CO25686+	CO25796	8.37	19 1-	4ACSR	0	0	194	155	96	6	5	0.00	5.55	0
CO30359+	CO25686	8.68	15 1-	4ACSR	0	0	192	153	70	5	4	0.04	5.59	4
CO30361+	CO30359	9.11	9 1-	4ACSR	0	0	190	151	22	1	1	0.02	5.60	0
CO26599+	CO30361	9.17	1 1-	4ACSR	0	0	190	151	2	0	0	0.00	5.60	0
CO26739+	CO30361	9.21	6 1-	4ACSR	0	0	189	151	17	1	1	0.00	5.61	0
CO26740+	CO26739	9.38	6 1-	4ACSR	0	0	189	150	17	1	1	0.01	5.61	0
CO26741+	CO26740	9.52	6 1-	4ACSR	0	0	188	150	17	1	1	0.00	5.61	0
CO26742+	CO26741	9.59	5 1-	4ACSR	0	0	187	149	11	0	1	0.00	5.62	0
CO26744+	CO26742	9.88	5 1-	4ACSR	0	0	186	148	11	0	1	0.01	5.62	0
CO26743+	CO26744	9.99	5 1-	4ACSR	0	0	185	148	11	0	1	0.00	5.62	0
CO26760+	CO26743	10.15	1 1-	4ACSR	0	0	185	147	1	0	0	0.00	5.62	0
CO26759+	CO26760	10.15	1 1-	4ACSR	0	0	185	147	1	0	0	0.00	5.62	0
CO-224505300+	CO26759	10.27	0 1-	2ACSR	0	0	184	147	0	0	0	0.00	5.62	0
CO26598+	CO26759	10.21	1 1-	4ACSR	0	0	184	147	1	0	0	0.00	5.62	0
CO26747+	CO26743	10.16	4 1-	4ACSR	0	0	185	147	10	0	1	0.00	5.63	0
CO26748+	CO26747	10.21	3 1-	4ACSR	0	0	184	147	9	0	0	0.00	5.63	0
CO26763+	CO26748	10.28	1 1-	4ACSR	0	0	184	146	0	0	0	0.00	5.63	0
CO26597+	CO26748	10.24	2 1-	4ACSR	0	0	184	147	9	0	0	0.00	5.63	0
CO26577+	CO26748	10.33	0 1-	4ACSR	0	0	184	146	0	0	0	0.00	5.63	0
CO26737+	CO30361	9.22	2 1-	4ACSR	0	0	189	151	3	0	0	0.00	5.60	0
CO26738+	CO26737	9.34	2 1-	4ACSR	0	0	189	150	3	0	0	0.00	5.60	0
CO30360+	CO30359	8.78	6 1-	4ACSR	0	0	192	153	48	3	2	0.01	5.59	0
CO26736+	CO30360	8.83	5 1-	4ACSR	0	0	191	153	40	2	2	0.00	5.60	0
CO26735+	CO26736	8.91	4 1-	4ACSR	0	0	191	152	31	2	2	0.00	5.60	0
CO26602+	CO26735	9.03	1 1-	4ACSR	0	0	190	152	11	0	1	0.00	5.60	0
CO26601+	CO26735	9.09	1 1-	4ACSR	0	0	190	151	9	0	0	0.00	5.60	0
CO26733+	CO26735	9.03	2 1-	4ACSR	0	0	190	152	12	0	1	0.00	5.60	0
CO26734+	CO26733	9.09	1 1-	4ACSR	0	0	190	151	1	0	0	0.00	5.60	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25799+	CO25686	8.45	2 1-	4ACSR	0	0	193	154	12	0	1	0.00	5.55	0
CO25800+	CO25799	8.46	2 1-	4ACSR	0	0	193	154	12	0	1	0.00	5.55	0
CO25801+	CO25800	8.55	1 1-	4ACSR	0	0	193	154	6	0	0	0.00	5.55	0
CO25705+	CO25796	8.40	1 1-	4ACSR	0	0	194	154	10	0	1	0.00	5.55	0
CO25708+	CO25688	7.76	1 1-	4ACSR	0	0	197	157	0	0	0	0.00	5.41	0
CO30381+	CO25789	7.98	1 1-	4ACSR	0	0	196	156	1	0	0	0.00	5.39	0
CO26175+	CO30381	8.00	0 1-	4ACSR	0	0	196	156	0	0	0	0.00	5.39	0
CO26174+	CO30381	8.13	1 1-	4ACSR	0	0	195	156	1	0	0	0.00	5.39	0
CO25785	CO25695	6.19	4 1-	4ACSR	0	0	628	162	17	2	2	0.00	4.18	0
CO25786	CO25785	6.29	2 1-	4ACSR	0	0	617	161	12	1	1	0.00	4.18	0
OC-1777860144	CO25786	6.29	1 1-	20 N FUSE	0	0	617	161	0	0	0	0.00	4.18	0
CO25783	OC-1777860144	6.33	1 1-	4ACSR	0	0	612	161	0	0	0	0.00	4.18	0
CO25784	CO25783	6.38	1 1-	4ACSR	0	0	607	161	0	0	0	0.00	4.18	0
CO25718	CO25782	5.92	1 1-	4ACSR	0	0	645	163	14	1	1	0.00	4.09	0
OC2125740921	CO25718	5.92	0 1-	20 N FUSE	0	0	645	163	0	0	0	0.00	4.09	0
CO25713	CO25776	5.44	1 1-	4ACSR	0	0	684	165	7	0	1	0.00	3.96	0
OC-446034754	CO25713	5.44	0 1-	20 N FUSE	0	0	684	165	0	0	0	0.00	3.96	0
CO25808	CO25776	5.39	4 1-	6ACWC	0	0	690	165	24	3	2	0.00	3.96	0
OC780	CO25808	5.39	4 1-	10 N FUSE	0	0	690	165	24	3	34	0.00	3.96	0
CO30610	OC780	5.71	4 1-	6ACWC	0	0	651	162	24	3	2	0.05	4.01	0
CO15902	CO30610	5.82	3 1-	2ACSR	0	0	639	161	21	2	2	0.01	4.02	0
CO15901	CO15902	5.91	2 1-	2ACSR	0	0	630	161	17	2	1	0.00	4.02	0
CO15900	CO30610	5.88	1 1-	6ACWC	0	0	630	161	3	0	0	0.00	4.01	0
CO25773	CO25692	4.95	2 1-	4ACSR	0	0	727	167	15	2	2	0.00	3.81	0
OC-1381368476	CO25773	4.95	2 1-	20 N FUSE	0	0	727	167	15	2	11	0.00	3.81	0
CO30567	OC-1381368476	4.97	2 1-	4ACSR	0	0	725	167	15	2	2	0.00	3.81	0
CO25712	OC-1381368476	5.20	0 1-	4ACSR	0	0	693	164	0	0	0	0.00	3.81	0
CO25771	CO25691	4.67	1 1-	4ACSR	0	0	754	168	9	1	1	0.00	3.70	0
OC809437784	CO25771	4.67	0 1-	20 N FUSE	0	0	754	168	0	0	0	0.00	3.70	0
CO25772	OC809437784	4.71	0 1-	4ACSR	0	0	748	167	0	0	0	0.00	3.70	0
CO25711	CO25767	4.27	1 1-	4ACSR	0	0	794	169	9	1	1	0.00	3.55	0
OC1623055451	CO25711	4.27	0 1-	20 N FUSE	0	0	794	169	0	0	0	0.00	3.55	0
CO25710	CO25767	4.35	1 1-	4ACSR	0	0	781	168	9	1	1	0.01	3.55	0
CO25806	CO25767	4.19	31 1-	4ACSR	0	0	808	170	169	23	17	0.01	3.56	0
OC781	CO25806	4.19	31 1-	35 H OCR	0	0	808	170	169	23	69	0.00	3.56	0
CO25807	OC781	4.33	31 1-	4ACSR	0	0	784	168	169	23	17	0.16	3.72	44
CO25719	CO25807	4.37	1 1-	4ACSR	0	0	778	168	0	0	0	0.00	3.72	0
CO25768	CO25807	4.44	30 1-	4ACSR	0	0	766	167	169	23	17	0.12	3.84	34
CO30611	CO25768	4.96	29 1-	4ACSR	0	0	688	162	162	23	16	0.55	4.39	145
CO15878	CO30611	5.07	1 1-	4ACSR	0	0	672	161	2	0	0	0.00	4.39	0
CO-1275414519	CO15878	5.34	0 1-	2ACSR	0	0	642	159	0	0	0	0.00	4.39	0
CO15903	CO30611	5.22	28 1-	4ACSR	0	0	651	159	160	22	16	0.28	4.67	74
CO15904	CO15903	5.33	28 1-	4ACSR	0	0	637	158	159	22	16	0.12	4.79	31
CO15865	CO15904	5.51	26 1-	4ACSR	0	0	615	157	159	22	16	0.18	4.96	45
CO15908	CO15865	5.56	14 1-	4ACSR	0	0	609	156	53	7	5	0.02	4.98	0
OC761808230	CO15908	5.56	13 1-	20 N FUSE	0	0	609	156	51	7	36	0.00	4.98	0
CO15909	OC761808230	5.57	13 1-	4ACSR	0	0	607	156	51	7	5	0.01	4.99	0
CO15910	CO15909	5.67	13 1-	4ACSR	0	0	596	155	51	7	5	0.03	5.02	3
CO15911	CO15910	5.69	11 1-	4ACSR	0	0	593	155	48	6	5	0.01	5.03	0
CO15912	CO15911	5.73	11 1-	4ACSR	0	0	588	154	48	6	5	0.01	5.04	0
CO15867	CO15912	5.86	8 1-	4ACSR	0	0	574	153	31	4	3	0.03	5.06	0
CO15880	CO15867	5.95	1 1-	4ACSR	0	0	564	152	0	0	0	0.00	5.06	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15879	CO15867	5.97	2 1-	4ACSR	0	0	562	152	7	0	1	0.00	5.07	0
CO15868	CO15867	6.18	5 1-	4ACSR	0	0	540	150	25	3	3	0.04	5.10	0
CO15918	CO15868	6.58	2 1-	4ACSR	0	0	503	147	11	1	1	0.03	5.13	0
CO15919	CO15918	6.89	2 1-	4ACSR	0	0	476	145	11	1	1	0.01	5.15	0
CO15917	CO15919	6.96	1 1-	4ACSR	0	0	471	144	0	0	0	0.00	5.15	0
CO15915	CO15868	6.28	1 1-	4ACSR	0	0	531	150	1	0	0	0.00	5.10	0
CO15916	CO15915	6.40	0 1-	4ACSR	0	0	519	149	0	0	0	0.00	5.10	0
CO15869	CO15912	5.85	3 1-	4ACSR	0	0	575	153	17	2	2	0.01	5.05	0
CO15882	CO15869	5.90	1 1-	4ACSR	0	0	569	153	11	1	1	0.00	5.05	0
CO15913	CO15869	5.91	2 1-	4ACSR	0	0	568	153	6	0	1	0.00	5.05	0
CO15881	CO15913	5.97	1 1-	4ACSR	0	0	562	152	4	0	0	0.00	5.05	0
CO15914	CO15913	6.02	1 1-	4ACSR	0	0	557	152	1	0	0	0.00	5.05	0
CO15866	CO15865	5.60	11 1-	4ACSR	0	0	604	156	98	14	10	0.06	5.02	10
CO15871	CO15866	5.62	9 1-	4ACSR	0	0	601	155	81	11	8	0.01	5.03	0
CO15920	CO15871	5.64	9 1-	4ACSR	0	0	599	155	81	11	8	0.01	5.04	0
CO15921	CO15920	5.67	8 1-	4ACSR	0	0	595	155	79	11	8	0.02	5.06	0
CO15922	CO15921	5.71	7 1-	4ACSR	0	0	590	155	70	9	7	0.02	5.08	2
CO15923	CO15922	5.74	7 1-	4ACSR	0	0	587	154	70	9	7	0.01	5.09	0
CO15924	CO15923	5.83	5 1-	4ACSR	0	0	577	154	51	7	5	0.03	5.12	3
CO15925	CO15924	5.88	5 1-	4ACSR	0	0	572	153	51	7	5	0.02	5.14	0
CO15926	CO15925	6.01	5 1-	4ACSR	0	0	558	152	51	7	5	0.04	5.18	3
CO15927	CO15926	6.09	4 1-	4ACSR	0	0	549	151	45	6	5	0.02	5.20	0
CO1975652266	CO15927	6.11	0 1-	2ACSR	0	0	548	151	0	0	0	0.00	5.20	0
CO-732759384	CO1975652266	6.18	0 1-	2ACSR	0	0	542	151	0	0	0	0.00	5.20	0
CO2083551072	CO1975652266	6.15	0 1-	2ACSR	0	0	544	151	0	0	0	0.00	5.20	0
CO15928	CO15927	6.16	3 1-	4ACSR	0	0	542	151	21	2	2	0.01	5.20	0
CO15929	CO15928	6.24	2 1-	4ACSR	0	0	534	150	9	1	1	0.00	5.21	0
CO15930	CO15929	6.27	2 1-	4ACSR	0	0	531	150	9	1	1	0.00	5.21	0
CO15931	CO15930	6.29	1 1-	4ACSR	0	0	529	149	0	0	0	0.00	5.21	0
CO15877	CO15866	5.68	1 1-	4ACSR	0	0	595	155	12	1	1	0.00	5.03	0
CO15907	CO15904	5.41	1 1-	4ACSR	0	0	627	157	0	0	0	0.00	4.79	0
CO15906	CO15907	5.45	1 1-	4ACSR	0	0	622	157	0	0	0	0.00	4.79	0
CO15905	CO15904	5.48	1 1-	4ACSR	0	0	619	157	0	0	0	0.00	4.79	0
CO25727	CO25765	3.57	1 1-	4ACSR	0	0	882	172	8	1	1	0.00	3.25	0
CO25804	CO25737	3.31	4 1-	4ACSR	0	0	919	173	39	5	4	0.00	3.14	0
OC779	CO25804	3.31	4 1-	10 N FUSE	0	0	919	173	39	5	55	0.00	3.14	0
CO25805	OC779	3.37	4 1-	4ACSR	0	0	909	173	39	5	4	0.01	3.15	0
CO25738	CO25805	3.39	3 1-	4ACSR	0	0	904	172	29	4	3	0.00	3.15	0
CO25739	CO25738	3.43	2 1-	4ACSR	0	0	896	172	16	2	2	0.00	3.16	0
CO30612	CO25739	3.60	2 1-	4ACSR	0	0	863	170	16	2	2	0.01	3.17	0
CO15967	CO30612	3.72	1 1-	4ACSR	0	0	838	169	6	0	1	0.01	3.18	0
CO15968	CO15967	3.85	1 1-	4ACSR	0	0	815	167	6	0	1	0.01	3.18	0
CO15969	CO15968	3.91	1 1-	4ACSR	0	0	804	167	6	0	1	0.00	3.18	0
CO15895	CO15967	3.79	0 1-	4ACSR	0	0	827	168	0	0	0	0.00	3.18	0
CO25696	CO25737	3.39	29 1-	4ACSR	0	0	903	172	211	29	21	0.12	3.26	40
CO25728	CO25696	3.45	1 1-	4ACSR	0	0	892	172	3	0	0	0.00	3.26	0
OC609337501	CO25728	3.45	0 1-	20 N FUSE	0	0	892	172	0	0	0	0.00	3.26	0
CO25802	CO25696	3.40	28 1-	4/0ACSR	0	0	902	172	207	29	9	0.00	3.26	0
OC778	CO25802	3.40	28 1-	25 H OCR	0	0	902	172	207	29	117	0.00	3.26	0
CO25803	OC778	3.52	28 1-	4/0ACSR	0	0	886	172	207	29	9	0.05	3.31	12
CO25740	CO25803	3.54	26 1-	4/0ACSR	0	0	883	172	201	28	8	0.01	3.32	3
CO25733	CO25740	3.61	1 1-	2ACSR	0	0	872	171	1	0	0	0.00	3.32	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO25741	CO25740	3.63	25 1-	4/0ACSR	0	0	872	172	200	28	8	0.03	3.35	8
CO25742	CO25741	3.76	23 1-	4/0ACSR	0	0	855	171	185	26	8	0.05	3.40	11
CO25732	CO25742	3.83	1 1-	2ACSR	0	0	843	171	12	1	1	0.00	3.40	0
CO25743	CO25742	3.92	21 1-	4/0ACSR	0	0	835	171	171	24	7	0.06	3.46	12
CO25703	CO25743	3.99	6 1-	4ACSR	0	0	823	170	62	8	6	0.03	3.49	3
CO25744	CO25703	4.08	5 1-	4ACSR	0	0	807	169	52	7	5	0.03	3.52	2
CO25745	CO25744	4.11	4 1-	4ACSR	0	0	802	168	49	6	5	0.01	3.53	0
CO25726	CO25745	4.22	1 1-	4ACSR	0	0	784	167	11	1	1	0.00	3.53	0
CO25746	CO25745	4.20	3 1-	4ACSR	0	0	787	168	38	5	4	0.02	3.55	0
CO25747	CO25746	4.20	3 1-	4ACSR	0	0	786	168	38	5	4	0.00	3.55	0
CO25749	CO25747	4.24	2 1-	4ACSR	0	0	781	167	38	5	4	0.01	3.56	0
CO25750	CO25749	4.27	1 1-	4ACSR	0	0	775	167	35	4	4	0.00	3.56	0
CO25748	CO25747	4.26	1 1-	4ACSR	0	0	776	167	0	0	0	0.00	3.55	0
CO25725	CO25703	4.05	1 1-	4ACSR	0	0	813	169	10	1	1	0.00	3.49	0
CO25751	CO25743	4.06	14 1-	4ACSR	0	0	810	169	99	14	10	0.09	3.55	15
OC-883814197	CO25751	4.06	14 1-	20 N FUSE	0	0	810	169	99	14	70	0.00	3.55	0
CO25731	OC-883814197	4.13	1 1-	2ACSR	0	0	799	168	0	0	0	0.00	3.55	0
CO25730	OC-883814197	4.18	1 1-	4ACSR	0	0	790	168	10	1	1	0.00	3.55	0
CO25752	OC-883814197	4.14	12 1-	4ACSR	0	0	797	168	89	12	9	0.05	3.60	7
CO25697	CO25752	4.23	12 1-	4ACSR	0	0	782	167	89	12	9	0.05	3.65	7
CO25698	CO25697	4.30	11 1-	4ACSR	0	0	770	166	88	12	9	0.04	3.69	6
CO25753	CO25698	4.42	1 1-	4ACSR	0	0	751	165	12	1	1	0.00	3.69	0
CO25754	CO25753	4.53	0 1-	4ACSR	0	0	733	164	0	0	0	0.00	3.69	0
CO25699	CO25698	4.44	10 1-	4ACSR	0	0	746	165	76	10	8	0.07	3.76	9
CO25723	CO25699	4.51	1 1-	4ACSR	0	0	736	164	8	1	1	0.00	3.76	0
CO25700	CO25699	4.60	9 1-	4ACSR	0	0	723	163	68	9	7	0.07	3.83	8
CO25755	CO25700	4.73	4 1-	4ACSR	0	0	702	162	40	5	4	0.03	3.86	0
CO25756	CO25755	4.79	2 1-	4ACSR	0	0	694	162	24	3	2	0.00	3.86	0
CO25757	CO25756	4.83	0 1-	4ACSR	0	0	687	161	0	0	0	0.00	3.86	0
CO25758	CO25757	4.99	0 1-	4ACSR	0	0	664	159	0	0	0	0.00	3.86	0
CO25759	CO25758	5.05	0 1-	4ACSR	0	0	656	159	0	0	0	0.00	3.86	0
CO25760	CO25759	5.37	0 1-	4ACSR	0	0	614	156	0	0	0	0.00	3.86	0
CO25761	CO25760	5.49	0 1-	4ACSR	0	0	601	155	0	0	0	0.00	3.86	0
CO25701	CO25700	4.77	5 1-	4ACSR	0	0	697	162	28	3	3	0.03	3.85	0
CO25722	CO25701	4.82	1 1-	4ACSR	0	0	688	161	10	1	1	0.00	3.86	0
CO25762	CO25701	4.97	3 1-	4ACSR	0	0	667	160	8	1	1	0.01	3.87	0
CO25763	CO25762	5.02	3 1-	4ACSR	0	0	660	159	8	1	1	0.00	3.87	0
CO25702	CO25763	5.32	2 1-	4ACSR	0	0	622	156	3	0	0	0.00	3.87	0
CO27241534	CO25702	5.42	1 1-	2ACSR	0	0	610	156	0	0	0	0.00	3.87	0
CO25720	CO25702	5.40	0 1-	4ACSR	0	0	611	156	0	0	0	0.00	3.87	0
CO25721	CO25763	5.12	1 1-	4ACSR	0	0	647	158	5	0	1	0.00	3.87	0
CO25724	CO25697	4.29	1 1-	4ACSR	0	0	771	167	1	0	0	0.00	3.65	0
CO25729	CO25743	4.00	1 1-	2ACSR	0	0	823	170	9	1	1	0.00	3.46	0
CO15973	CO15981	2.94	7 1-	2ACSR	0	0	975	175	48	6	4	0.00	2.90	0
OC149197732	CO15973	2.94	7 1-	20 N FUSE	0	0	975	175	48	6	34	0.00	2.90	0
CO15974	OC149197732	2.96	1 1-	2ACSR	0	0	971	174	5	0	0	0.00	2.90	0
CO15972	OC149197732	3.01	6 1-	2ACSR	0	0	962	174	43	6	3	0.01	2.91	0
CO15975	CO15972	3.13	5 1-	2ACSR	0	0	938	173	35	4	3	0.02	2.93	0
CO15898	CO15975	3.17	1 1-	2ACSR	0	0	930	173	7	0	1	0.00	2.93	0
CO15976	CO15975	3.19	2 1-	2ACSR	0	0	927	173	13	1	1	0.00	2.93	0
CO15977	CO15976	3.24	0 1-	2ACSR	0	0	916	172	0	0	0	0.00	2.93	0
CO15995+	CO15988	2.69	462 3-	1/0CU	2088	2002	1813	340	3498	78	25	0.06	1.43	335

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15996+	CO15995	2.81	462 3-	1/0CU	2060	1972	1781	340	3497	78	25	0.05	1.47	251
CO15888+	CO15996	2.89	2 1-	4ACSR	0	0	1745	338	0	0	0	0.00	1.47	0
OC-1642283008+	CO15888	2.89	0 1-	20 N FUSE	0	0	1745	338	0	0	0	0.00	1.47	0
CO15873+	CO15996	2.92	457 3-	1/0CU	2034	1944	1752	339	3489	78	25	0.04	1.52	236
CO15889+	CO15873	2.96	1 1-	4ACSR	0	0	1732	338	12	0	1	0.00	1.52	0
OC-1138763849+	CO15889	2.96	0 1-	20 N FUSE	0	0	1732	338	0	0	0	0.00	1.52	0
CO16000+	CO15873	2.97	456 3-	1/0CU	2022	1931	1738	338	3476	78	25	0.02	1.54	114
OC-1705021203+	CO16000	2.97	455 3-	20 N FUSE	2022	1931	1738	338	3467	77	390	0.00	1.54	0
CO16001+	OC-1705021203	2.99	455 3-	1/0CU	2017	1927	1733	338	3467	77	25	0.01	1.55	40
CO16002+	CO16001	3.01	454 3-	1/0CU	2012	1921	1726	338	3464	77	25	0.01	1.56	52
CO16008+	CO16002	3.04	449 3-	1/0CU	2005	1914	1719	338	3433	77	25	0.01	1.57	61
CO16009+	CO16008	3.11	446 3-	1/0CU	1988	1896	1700	337	3417	76	25	0.03	1.60	151
CO16010+	CO16009	3.12	443 3-	1/0CU	1985	1893	1697	337	3395	76	25	0.01	1.60	28
CO15874+	CO16010	3.48	439 3-	1/0CU	1906	1810	1610	335	3361	75	24	0.14	1.75	736
CO17196+	CO15874	3.49	0 3-	1/0CU	1905	1808	1608	335	0	-14	5	0.00	1.75	0
CA63+	CO17196	3.49	0 3-	Capacitor	1905	1808	1608	335	0	-14	0	0.00	1.75	0
CO30675+	CO15874	4.21	436 3-	1/0CU	1762	1661	1457	329	3330	77	25	0.35	2.10	1573
CA1631440371+	CO30675	4.21	0 3-	Capacitor	1762	1661	1457	329	0	0	0	0.00	2.10	0
CO15702+	CO30675	4.36	1 1-	4ACSR	0	0	1413	326	0	0	0	0.00	2.10	0
OC98880666+	CO15702	4.36	1 1-	20 N FUSE	0	0	1413	326	0	0	0	0.00	2.10	0
CO15746+	OC98880666	4.44	1 1-	4ACSR	0	0	1388	325	0	0	0	0.00	2.10	0
CO15747+	CO15746	4.66	1 1-	4ACSR	0	0	1326	320	0	0	0	0.00	2.10	0
CO15528+	CO30675	4.45	435 3-	1/0CU	1720	1617	1413	328	3323	77	25	0.11	2.21	514
CO15809+	CO15528	4.47	1 1-	4ACSR	0	0	1407	327	2	0	0	0.00	2.21	0
OC-368959662+	CO15809	4.47	0 1-	20 N FUSE	0	0	1407	327	0	0	0	0.00	2.21	0
CO15810+	OC-368959662	4.49	0 1-	4ACSR	0	0	1402	327	0	0	0	0.00	2.21	0
CO15529+	CO15528	4.56	434 3-	1/0CU	1700	1597	1393	327	3319	77	25	0.05	2.27	244
CO15586+	CO15529	4.61	2 1-	4ACSR	0	0	1379	326	11	0	1	0.00	2.27	0
OC-1226931452+	CO15586	4.61	0 1-	20 N FUSE	0	0	1379	326	0	0	0	0.00	2.27	0
CO15562+	CO15529	4.62	2 1-	4ACSR	0	0	1376	326	6	0	0	0.00	2.27	0
OC63376258+	CO15562	4.62	0 1-	20 N FUSE	0	0	1376	326	0	0	0	0.00	2.27	0
CO15530+	CO15529	4.68	424 3-	1/0CU	1679	1575	1372	326	3261	76	25	0.06	2.33	258
FD-527721729+	CO15530	4.68	341 3-	_DefaultBayEqui	1679	1575	1372	326	2829	66	0	0.00	2.33	0
CO15535+	FD-527721729	4.81	341 3-	1/0ACSR	1653	1549	1347	325	2829	66	29	0.07	2.40	311
OC-527721729+	CO15535	4.81	339 3-	20 N FUSE	1653	1549	1347	325	2818	66	331	0.00	2.40	0
CO15721+	OC-527721729	4.86	338 3-	1/0ACSR	1643	1539	1337	324	2817	66	29	0.03	2.43	126
CO15722+	CO15721	5.13	337 3-	1/0ACSR	1590	1485	1286	322	2809	65	29	0.16	2.59	678
CO15666+	CO15722	5.20	2 1-	4ACSR	0	0	1267	320	5	0	0	0.00	2.59	0
OC301652424+	CO15666	5.20	2 1-	20 N FUSE	0	0	1267	320	5	0	2	0.00	2.59	0
CO15667+	OC301652424	5.27	2 1-	4ACSR	0	0	1252	319	5	0	0	0.00	2.59	0
CO15668+	CO15667	5.32	1 1-	4ACSR	0	0	1240	318	0	0	0	0.00	2.59	0
CO15723+	CO15722	5.22	334 3-	1/0ACSR	1572	1466	1268	321	2789	65	28	0.06	2.65	241
CO15724+	CO15723	5.35	333 3-	1/0ACSR	1548	1442	1246	319	2786	65	28	0.08	2.73	317
FD976460162+	CO15724	5.35	264 3-	_DefaultBayEqui	1548	1442	1246	319	1318	31	0	0.00	2.73	0
CO15536+	FD976460162	5.56	264 3-	1/0ACSR	1511	1405	1211	317	1318	31	14	0.06	2.79	116
OC976460162+	CO15536	5.56	261 3-	20 N FUSE	1511	1405	1211	317	1298	30	153	0.00	2.79	0
CO15725+	OC976460162	5.60	261 3-	1/0ACSR	1505	1399	1205	317	1298	30	13	0.01	2.80	19
CO15726+	CO15725	5.79	260 3-	1/0ACSR	1472	1365	1174	315	1293	30	13	0.06	2.85	105
CO15727+	CO15726	5.85	258 3-	1/0ACSR	1463	1357	1166	315	1285	30	13	0.01	2.87	28
CO15572+	CO15727	6.00	1 1-	4ACSR	0	0	1135	312	0	0	0	0.00	2.87	0
OC1775540762+	CO15572	6.00	0 1-	20 N FUSE	0	0	1135	312	0	0	0	0.00	2.87	0
CO15537+	CO15727	5.95	257 3-	1/0ACSR	1447	1342	1151	314	1285	30	13	0.03	2.90	53

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30617+	CO15537	6.02	248 3-	1/0ACSR	1435	1331	1140	313	1246	29	13	0.02	2.92	38
OC-689543905+	CO30617	6.02	246 3-	70 E OCR	1435	1331	1140	313	1237	29	42	0.00	2.92	0
CO25500+	OC-689543905	6.13	246 3-	1/0ACSR	1419	1316	1125	312	1237	29	13	0.03	2.94	51
CO25501+	CO25500	6.15	246 3-	1/0ACSR	1414	1312	1121	312	1237	29	13	0.01	2.95	14
CO25457+	CO25501	6.44	0 1-	4ACSR	0	0	1068	307	0	0	0	0.00	2.95	0
OC1743277181+	CO25457	6.44	0 1-	20 N FUSE	0	0	1068	307	0	0	0	0.00	2.95	0
CO25446+	CO25501	6.36	246 3-	1/0ACSR	1383	1284	1093	310	1237	29	13	0.06	3.01	102
CO25447+	CO25446	6.40	245 3-	1/0ACSR	1377	1278	1087	310	1232	29	13	0.01	3.02	20
CO25575+	CO25447	6.44	2 1-	4ACSR	0	0	1081	309	17	1	1	0.00	3.02	0
OC-997791953+	CO25575	6.44	1 1-	20 N FUSE	0	0	1081	309	4	0	2	0.00	3.02	0
CO25576+	OC-997791953	6.46	1 1-	4ACSR	0	0	1076	308	4	0	0	0.00	3.02	0
CO25448+	CO25447	6.52	243 3-	1/0ACSR	1360	1263	1072	309	1215	28	13	0.03	3.05	54
CO25449+	CO25448	6.61	237 3-	1/0ACSR	1347	1251	1061	308	1175	27	12	0.02	3.07	41
CO25683+	CO25449	6.62	2 1-	4ACSR	0	0	1059	307	9	0	0	0.00	3.07	0
CO25684+	CO25683	6.65	2 1-	4ACSR	0	0	1053	307	9	0	0	0.00	3.07	0
OC1589983757+	CO25684	6.65	1 1-	20 N FUSE	0	0	1053	307	1	0	0	0.00	3.07	0
CO25614+	OC1589983757	6.75	1 1-	4ACSR	0	0	1036	305	1	0	0	0.00	3.07	0
CO25495+	CO25449	6.69	2 1-	4ACSR	0	0	1046	306	2	0	0	0.00	3.07	0
OC-202106579+	CO25495	6.69	0 1-	20 N FUSE	0	0	1046	306	0	0	0	0.00	3.07	0
CO25450+	CO25449	6.71	233 3-	1/0ACSR	1333	1238	1048	307	1164	27	12	0.02	3.10	42
CO25451+	CO25450	6.83	231 3-	1/0ACSR	1316	1223	1033	306	1154	27	12	0.03	3.13	53
CO25496+	CO25451	7.11	0 1-	4ACSR	0	0	987	301	0	0	0	0.00	3.13	0
OC-231746278+	CO25496	7.11	0 1-	20 N FUSE	0	0	987	301	0	0	0	0.00	3.13	0
CO25452+	CO25451	7.07	229 3-	1/0ACSR	1285	1194	1005	304	1153	27	12	0.06	3.19	101
CO25453+	CO25452	7.18	225 3-	1/0ACSR	1270	1181	992	303	1128	26	12	0.03	3.22	48
CO25498+	CO25453	7.26	1 1-	4ACSR	0	0	980	301	4	0	0	0.00	3.22	0
OC48824893+	CO25498	7.26	0 1-	20 N FUSE	0	0	980	301	0	0	0	0.00	3.22	0
CO25454+	CO25453	7.22	224 3-	1/0ACSR	1265	1176	988	302	1124	26	12	0.01	3.23	16
CO25544+	CO25454	7.31	224 3-	1/0ACSR	1255	1167	979	301	1123	26	12	0.02	3.25	34
CO25545+	CO25544	7.41	224 3-	1/0ACSR	1242	1155	968	300	1123	26	12	0.03	3.27	42
CO25427+	CO25545	7.50	223 3-	4ACSR	1225	1141	954	299	1123	26	19	0.05	3.32	97
CO25460+	CO25427	7.57	2 1-	4ACSR	0	0	944	298	4	0	0	0.00	3.32	0
OC-1653551081+	CO25460	7.57	0 1-	20 N FUSE	0	0	944	298	0	0	0	0.00	3.32	0
CO25428+	CO25427	7.75	221 3-	1/0ACSR	1196	1114	929	297	1119	26	12	0.06	3.38	100
CO25429+	CO25428	7.96	220 3-	1/0ACSR	1173	1093	909	295	1118	26	12	0.05	3.43	84
CO25463+	CO25429	8.02	1 1-	4ACSR	0	0	900	294	3	0	0	0.00	3.43	0
OC-374955161+	CO25463	8.02	0 1-	20 N FUSE	0	0	900	294	0	0	0	0.00	3.43	0
CO25430+	CO25429	8.06	219 3-	1/0ACSR	1161	1083	899	294	1115	26	12	0.03	3.46	42
CO25665+	CO25430	8.07	40 1-	4ACSR	0	0	898	294	217	15	11	0.00	3.46	0
CO25666+	CO25665	8.15	40 1-	4ACSR	0	0	887	293	217	15	11	0.03	3.49	11
CO25661+	CO25666	8.30	38 1-	4ACSR	0	0	868	290	212	15	11	0.05	3.54	18
OC1840452543+	CO25661	8.30	0 1-	50 L OCR	0	0	868	290	0	0	0	0.00	3.54	0
AU-866495799+	CO25661	8.30	38 1-	99 KVA 1PH AUTO	0	0	185	158	212	15	223	2.43	5.97	0
CO25431+	AU-866495799	8.46	36 1-	4ACSR	0	0	184	158	193	13	10	0.05	6.02	17
CO25464+	CO25431	8.55	1 1-	4ACSR	0	0	184	157	3	0	0	0.00	6.02	0
CO25593+	CO25431	8.64	35 1-	4ACSR	0	0	183	157	190	13	10	0.06	6.08	18
CO25594+	CO25593	8.67	34 1-	4ACSR	0	0	183	157	190	13	10	0.01	6.09	3
CO30371+	CO25594	8.82	32 1-	4ACSR	0	0	182	156	189	13	10	0.05	6.14	15
CO25858+	CO30371	8.92	32 1-	4ACSR	0	0	182	156	189	13	10	0.03	6.17	9
CO25859+	CO25858	9.00	31 1-	4ACSR	0	0	182	155	178	12	9	0.02	6.19	7
CO26042+	CO25859	9.01	0 1-	4ACSR	0	0	182	155	0	0	0	0.00	6.19	0
CO25860+	CO25859	9.11	31 1-	4ACSR	0	0	181	155	178	12	9	0.03	6.22	9

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25861+	CO25860	9.13	30 1-	4ACSR	0	0	181	155	168	12	9	0.01	6.23	0
CO1441870797+	CO25861	9.29	12 1-	2ACSR	0	0	181	154	88	6	4	0.02	6.25	2
CO1623850975+	CO1441870797	9.33	2 1-	2ACSR	0	0	181	154	11	0	0	0.00	6.25	0
CO-383683286+	CO1441870797	9.45	10 1-	2ACSR	0	0	180	154	77	5	3	0.01	6.26	0
CO30379+	CO-383683286	9.50	10 1-	4ACSR	0	0	180	153	77	5	4	0.01	6.27	0
CO26122+	CO30379	9.54	10 1-	4ACSR	0	0	180	153	77	5	4	0.00	6.27	0
CO26121+	CO26122	9.58	7 1-	4ACSR	0	0	180	153	64	4	3	0.00	6.28	0
CO26097+	CO26121	9.61	4 1-	4ACSR	0	0	179	153	21	1	1	0.00	6.28	0
CO-442552402+	CO26097	9.67	1 1-	2ACSR	0	0	179	153	5	0	0	0.00	6.28	0
CO26098+	CO26097	9.67	2 1-	4ACSR	0	0	179	153	8	0	0	0.00	6.28	0
CO26076+	CO26097	9.64	1 1-	4ACSR	0	0	179	153	8	0	0	0.00	6.28	0
CO26125+	CO26121	9.77	2 1-	4ACSR	0	0	179	152	28	2	1	0.01	6.28	0
CO26126+	CO26125	9.88	1 1-	4ACSR	0	0	178	152	13	0	1	0.00	6.29	0
CO26088+	CO26126	9.93	1 1-	4ACSR	0	0	178	152	13	0	1	0.00	6.29	0
CO1651727311+	CO26088	9.94	0 1-	2ACSR	0	0	178	152	0	0	0	0.00	6.29	0
CO26089+	CO26088	9.99	0 1-	4ACSR	0	0	178	151	0	0	0	0.00	6.29	0
CO26123+	CO26121	9.68	1 1-	4ACSR	0	0	179	153	15	1	1	0.00	6.28	0
CO26124+	CO26123	9.72	0 1-	4ACSR	0	0	179	152	0	0	0	0.00	6.28	0
CO25863+	CO25861	9.21	18 1-	4ACSR	0	0	181	154	81	5	4	0.01	6.24	0
CO25864+	CO25863	9.24	16 1-	4ACSR	0	0	181	154	76	5	4	0.00	6.24	0
OC1569802286+	CO25864	9.24	16 1-	20 N FUSE	0	0	181	154	76	5	27	0.00	6.24	0
CO25865+	OC1569802286	9.41	16 1-	4ACSR	0	0	180	153	76	5	4	0.02	6.27	3
CO25866+	CO25865	9.49	15 1-	4ACSR	0	0	180	153	71	5	4	0.01	6.28	0
CO25826+	CO25866	9.55	2 1-	4ACSR	0	0	180	153	5	0	0	0.00	6.28	0
CO-1343131441+	CO25826	9.72	1 1-	2ACSR	0	0	179	152	0	0	0	0.00	6.28	0
CO25867+	CO25866	9.62	13 1-	4ACSR	0	0	179	153	66	4	3	0.01	6.29	0
CO25868+	CO25867	9.74	13 1-	4ACSR	0	0	179	152	66	4	3	0.01	6.30	0
CO25869+	CO25868	9.77	12 1-	4ACSR	0	0	179	152	55	3	3	0.00	6.30	0
CO25870+	CO25869	9.80	12 1-	2ACSR	0	0	179	152	55	3	2	0.00	6.31	0
CO25849+	CO25870	9.86	1 1-	2ACSR	0	0	178	152	3	0	0	0.00	6.31	0
CO25871+	CO25870	9.85	11 1-	2ACSR	0	0	178	152	52	3	2	0.00	6.31	0
CO25872+	CO25871	10.02	11 1-	4ACSR	0	0	178	151	52	3	3	0.01	6.32	0
CO25873+	CO25872	10.07	10 1-	4ACSR	0	0	178	151	41	2	2	0.00	6.33	0
CO25874+	CO25873	10.16	10 1-	4ACSR	0	0	177	150	41	2	2	0.01	6.33	0
CO25875+	CO25874	10.26	10 1-	4ACSR	0	0	177	150	41	2	2	0.01	6.34	0
CO25828+	CO25875	10.49	1 1-	4ACSR	0	0	176	149	0	0	0	0.00	6.34	0
CO25878+	CO25875	10.29	5 1-	4ACSR	0	0	177	150	26	1	1	0.00	6.34	0
CO25879+	CO25878	10.31	4 1-	4ACSR	0	0	177	150	26	1	1	0.00	6.34	0
CO25880+	CO25879	10.41	3 1-	4ACSR	0	0	176	149	22	1	1	0.00	6.34	0
CO25881+	CO25880	10.52	2 1-	4ACSR	0	0	176	149	18	1	1	0.00	6.35	0
CO26040+	CO25881	10.62	2 1-	4ACSR	0	0	175	149	18	1	1	0.00	6.35	0
CO26041+	CO26040	10.68	1 1-	4ACSR	0	0	175	148	8	0	0	0.00	6.35	0
CO25882+	CO26041	10.75	1 1-	4ACSR	0	0	175	148	8	0	0	0.00	6.35	0
CO25876+	CO25875	10.34	3 1-	4ACSR	0	0	176	150	8	0	0	0.00	6.34	0
CO25877+	CO25876	10.39	1 1-	4ACSR	0	0	176	150	3	0	0	0.00	6.34	0
CO25595+	AU-866495799	8.36	2 1-	4ACSR	0	0	184	158	20	1	1	0.00	5.97	0
CO25596+	CO25595	8.38	1 1-	4ACSR	0	0	184	158	13	0	1	0.00	5.97	0
CO25597+	CO25430	8.25	179 3-	1/0ACSR	1142	1065	882	292	897	21	9	0.04	3.49	48
CO30438+	CO25597	8.32	177 3-	1/0ACSR	1134	1058	875	292	892	21	9	0.01	3.51	19
CO25946+	CO30438	8.35	177 3-	1/0ACSR	1132	1056	873	292	892	21	9	0.00	3.51	6
CO25852+	CO25946	8.41	1 1-	4ACSR	0	0	866	291	0	0	0	0.00	3.51	0
OC1743433517+	CO25852	8.41	0 1-	20 N FUSE	0	0	866	291	0	0	0	0.00	3.51	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25822+	CO25946	8.55	175 3-	1/0ACSR	1111	1037	856	290	884	20	9	0.04	3.55	51
CO25821+	CO25822	8.59	174 3-	1/0ACSR	1107	1033	853	290	875	20	9	0.01	3.56	11
CO26060+	CO25821	8.71	174 3-	1/0ACSR	1095	1022	842	289	875	20	9	0.02	3.58	31
CO26061+	CO26060	8.74	173 3-	1/0ACSR	1092	1019	840	288	868	20	9	0.01	3.59	6
CO25944+	CO26061	8.80	173 3-	1/0ACSR	1086	1014	835	288	868	20	9	0.01	3.60	15
CO25945+	CO25944	9.01	173 3-	1/0ACSR	1067	997	819	286	868	20	9	0.04	3.64	50
CO25943+	CO25945	9.20	173 3-	1/0ACSR	1050	981	805	285	867	20	9	0.04	3.67	46
CO25809+	CO25943	9.39	1 1-	4ACSR	0	0	785	282	0	0	0	0.00	3.67	0
OC-73915280+	CO25809	9.39	1 1-	20 N FUSE	0	0	785	282	0	0	0	0.00	3.67	0
CO25942+	OC-73915280	9.47	1 1-	4ACSR	0	0	776	280	0	0	0	0.00	3.67	0
CO26032+	CO25942	9.61	1 1-	4ACSR	0	0	761	278	0	0	0	0.00	3.67	0
CO26033+	CO26032	9.85	0 1-	4ACSR	0	0	739	275	0	0	0	0.00	3.67	0
CO25824+	OC-73915280	9.44	0 1-	4ACSR	0	0	779	281	0	0	0	0.00	3.67	0
CO26030+	CO25943	9.27	171 3-	1/0ACSR	1043	975	799	284	867	20	9	0.01	3.69	18
CO1477811033+	CO26030	9.31	0 1-	2ACSR	0	0	796	284	0	0	0	0.00	3.69	0
CO26031+	CO26030	9.36	169 3-	1/0ACSR	1036	968	793	283	854	20	9	0.02	3.70	21
CO25941+	CO26031	9.46	169 3-	1/0ACSR	1026	959	785	282	854	20	9	0.02	3.72	25
CO26059+	CO25941	9.79	168 3-	1/0ACSR	999	934	762	280	848	20	9	0.06	3.78	76
CO25936+	CO26059	9.85	167 3-	1/0ACSR	994	930	759	279	838	19	9	0.01	3.79	13
CO25937+	CO25936	9.90	3 1-	4ACSR	0	0	754	279	9	0	0	0.00	3.80	0
OC121742272+	CO25937	9.90	3 1-	20 N FUSE	0	0	754	279	9	0	3	0.00	3.80	0
CO25938+	OC121742272	9.93	3 1-	4ACSR	0	0	751	278	9	0	0	0.00	3.80	0
CO25939+	CO25938	10.12	2 1-	4ACSR	0	0	734	275	6	0	0	0.00	3.80	0
CO25940+	CO25939	10.17	1 1-	4ACSR	0	0	728	275	4	0	0	0.00	3.80	0
CO25935+	CO25936	9.86	164 3-	1/0ACSR	993	929	758	279	829	19	9	0.00	3.80	2
CO25947+	CO25935	10.06	33 1-	4ACSR	0	0	739	276	174	12	9	0.06	3.85	16
CO25949+	CO25947	10.12	4 1-	4ACSR	0	0	734	275	12	0	1	0.00	3.85	0
CO25951+	CO25949	10.19	3 1-	4ACSR	0	0	728	274	9	0	0	0.00	3.86	0
OC-255682815+	CO25951	10.19	3 1-	20 N FUSE	0	0	728	274	9	0	3	0.00	3.86	0
CO25952+	OC-255682815	10.46	3 1-	4ACSR	0	0	704	270	9	0	0	0.00	3.86	0
CO25953+	CO25952	10.51	3 1-	4ACSR	0	0	699	270	9	0	0	0.00	3.86	0
CO25955+	CO25953	10.57	0 1-	2ACSR	0	0	695	269	0	0	0	0.00	3.86	0
CO25956+	CO25955	10.72	0 1-	2ACSR	0	0	685	268	0	0	0	0.00	3.86	0
CO25954+	CO25953	10.57	3 1-	4ACSR	0	0	694	269	9	0	0	0.00	3.86	0
CO25950+	CO25949	10.17	1 1-	4ACSR	0	0	729	275	3	0	0	0.00	3.85	0
CO25948+	CO25947	10.13	29 1-	4ACSR	0	0	733	275	161	11	8	0.02	3.87	5
CO26056+	CO25948	10.14	29 1-	4ACSR	0	0	732	275	161	11	8	0.00	3.87	0
OC782+	CO26056	10.14	29 1-	50 E OCR	0	0	732	275	161	11	23	0.00	3.87	0
XFMR18	OC782	10.14	29 1-	333 KVA 1PH AUT	0	0	739	166	161	11	50	0.55	4.43	0
CO26057	XFMR18	10.24	29 1-	4ACSR	0	0	724	165	161	22	16	0.10	4.53	27
CO25957	CO26057	10.31	28 1-	4ACSR	0	0	713	164	150	21	15	0.07	4.60	17
CO25958	CO25957	10.54	25 1-	4ACSR	0	0	680	162	140	19	14	0.21	4.81	48
CO25959	CO25958	10.77	25 1-	4ACSR	0	0	649	160	139	19	14	0.21	5.02	48
CO25960	CO25959	10.96	25 1-	4ACSR	0	0	625	158	139	19	14	0.17	5.20	40
CO25812	CO25960	11.05	5 1-	4ACSR	0	0	614	157	11	1	1	0.01	5.21	0
CO25835	CO25812	11.13	1 1-	4ACSR	0	0	605	156	1	0	0	0.00	5.21	0
CO25834	CO25812	11.17	4 1-	4ACSR	0	0	600	156	10	1	1	0.00	5.21	0
CO25813	CO25812	11.13	0 1-	4ACSR	0	0	605	156	0	0	0	0.00	5.21	0
CO25965	CO25960	11.11	19 1-	4ACSR	0	0	606	156	128	18	13	0.13	5.33	28
CO-127767589	CO25965	11.18	1 1-	2ACSR	0	0	600	156	8	1	1	0.00	5.33	0
CO25966	CO25965	11.16	16 1-	4ACSR	0	0	600	156	119	17	12	0.04	5.37	8
OC-1088878966	CO25966	11.16	16 1-	20 N FUSE	0	0	600	156	119	17	86	0.00	5.37	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25814	OC-1088878966	11.22	14 1-	4ACSR	0	0	594	155	107	15	11	0.04	5.41	7
CO25969	CO25814	11.27	4 1-	4ACSR	0	0	588	155	29	4	3	0.01	5.42	0
CO25970	CO25969	11.32	2 1-	4ACSR	0	0	582	154	14	1	1	0.00	5.42	0
CO25971	CO25814	11.26	10 1-	4ACSR	0	0	589	155	79	11	8	0.02	5.43	2
CO25972	CO25971	11.29	9 1-	4ACSR	0	0	585	155	68	9	7	0.02	5.45	0
CO25975	CO25972	11.36	6 1-	4ACSR	0	0	578	154	42	6	4	0.02	5.46	0
CO1839455595	CO25975	11.45	0 1-	2ACSR	0	0	570	153	0	0	0	0.00	5.46	0
CO25976	CO25975	11.42	5 1-	4ACSR	0	0	572	153	33	4	3	0.01	5.47	0
CO2111336863	CO25976	11.44	4 1-	4ACSR	0	0	570	153	28	4	3	0.00	5.48	0
CO-1502077243	CO2111336863	11.60	2 1-	2ACSR	0	0	556	152	18	2	1	0.01	5.48	0
CO1115157020	CO2111336863	11.50	2 1-	4ACSR	0	0	563	153	11	1	1	0.00	5.48	0
CO25978	CO1115157020	11.68	2 1-	4ACSR	0	0	544	151	11	1	1	0.01	5.49	0
CO25979	CO25978	11.72	2 1-	4ACSR	0	0	540	151	11	1	1	0.00	5.50	0
CO25973	CO25972	11.41	2 1-	4ACSR	0	0	572	154	16	2	2	0.01	5.45	0
CO25974	CO25973	11.49	1 1-	4ACSR	0	0	564	153	8	1	1	0.00	5.46	0
CO25967	OC-1088878966	11.20	2 1-	4ACSR	0	0	596	155	12	1	1	0.00	5.37	0
CO25968	CO25967	11.24	0 1-	4ACSR	0	0	592	155	0	0	0	0.00	5.37	0
CO25961	CO25960	11.05	1 1-	4ACSR	0	0	614	157	0	0	0	0.00	5.20	0
CO25962	CO25961	11.12	1 1-	4ACSR	0	0	605	156	0	0	0	0.00	5.20	0
CO25963	CO25962	11.20	0 1-	4ACSR	0	0	596	155	0	0	0	0.00	5.20	0
CO25964	CO25963	11.25	0 1-	4ACSR	0	0	590	155	0	0	0	0.00	5.20	0
CO25932+	CO25935	9.95	131 3-	1/0ACSR	986	923	752	279	656	15	7	0.01	3.81	12
CO25933+	CO25932	10.07	131 3-	1/0ACSR	977	914	745	278	656	15	7	0.02	3.83	17
CO25934+	CO25933	10.31	131 3-	1/0ACSR	959	897	729	276	655	15	7	0.03	3.86	33
CO25931+	CO25934	10.37	131 3-	1/0ACSR	954	893	726	275	655	15	7	0.01	3.87	9
CO25929+	CO25931	10.41	1 1-	4ACSR	0	0	722	275	3	0	0	0.00	3.87	0
OC-324598107+	CO25929	10.41	0 1-	20 N FUSE	0	0	722	275	0	0	0	0.00	3.87	0
CO25930+	OC-324598107	10.44	0 1-	4ACSR	0	0	719	274	0	0	0	0.00	3.87	0
CO25928+	CO25931	10.45	130 3-	1/0ACSR	948	887	721	275	653	15	7	0.01	3.88	11
CO26046+	CO25928	10.46	53 1-	4ACSR	0	0	720	275	331	23	17	0.00	3.89	0
OC786+	CO26046	10.46	53 1-	35 L OCR	0	0	720	275	331	23	67	0.00	3.89	0
CO26045+	OC786	10.51	53 1-	4ACSR	0	0	716	274	331	23	17	0.03	3.91	14
CO25917+	CO26045	10.56	53 1-	4ACSR	0	0	711	273	331	23	17	0.03	3.94	16
CO25921+	CO25917	10.69	51 1-	4ACSR	0	0	700	271	324	22	16	0.07	4.01	36
CO25920+	CO25921	10.76	51 1-	4ACSR	0	0	694	270	324	22	16	0.04	4.05	21
CO25856+	CO25920	10.79	0 1-	4ACSR	0	0	692	270	0	0	0	0.00	4.05	0
CO25922+	CO25920	10.83	51 1-	4ACSR	0	0	688	269	323	22	16	0.04	4.09	20
CO25926+	CO25922	10.99	51 1-	4ACSR	0	0	675	267	323	22	16	0.09	4.17	46
CO25925+	CO25926	11.05	48 1-	4ACSR	0	0	671	266	317	22	16	0.03	4.20	16
CO25815+	CO25925	11.18	48 1-	4ACSR	0	0	661	264	317	22	16	0.06	4.27	34
CO25836+	CO25815	11.40	1 1-	4ACSR	0	0	644	261	3	0	0	0.00	4.27	0
CO25927+	CO25815	11.22	47 1-	4ACSR	0	0	658	264	314	22	16	0.03	4.29	13
CO30440+	CO25927	11.40	47 1-	4ACSR	0	0	645	261	314	22	16	0.09	4.38	45
CO28052+	CO30440	11.55	1 1-	4ACSR	0	0	634	259	9	0	0	0.00	4.38	0
CO28023+	CO30440	11.49	46 1-	4ACSR	0	0	638	260	305	21	16	0.05	4.43	23
CO28133+	CO28023	11.72	44 1-	4ACSR	0	0	622	257	301	21	15	0.11	4.54	54
OC674666626+	CO28133	11.72	42 1-	20 N FUSE	0	0	622	257	287	20	102	0.00	4.54	0
CO28132+	OC674666626	11.74	42 1-	4ACSR	0	0	620	257	287	20	15	0.01	4.55	5
CO28127+	CO28132	11.76	40 1-	4ACSR	0	0	619	257	278	19	14	0.01	4.56	4
CO28128+	CO28127	11.83	0 1-	2ACSR	0	0	615	256	0	0	0	0.00	4.56	0
CO28129+	CO28128	11.87	0 1-	2ACSR	0	0	613	256	0	0	0	0.00	4.56	0
CO28187+	CO28127	11.79	40 1-	4ACSR	0	0	617	256	278	19	14	0.01	4.57	6

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28186+	CO28187	11.87	39 1-	4ACSR	0	0	612	255	267	19	14	0.03	4.60	14
CO28049+	CO28186	11.90	1 1-	4ACSR	0	0	610	255	8	0	0	0.00	4.60	0
CO28048+	CO28186	11.97	0 1-	4ACSR	0	0	605	254	0	0	0	0.00	4.60	0
CO28022+	CO28186	12.14	37 1-	4ACSR	0	0	594	252	250	17	13	0.11	4.72	47
CO28047+	CO28022	12.20	1 1-	4ACSR	0	0	590	251	6	0	0	0.00	4.72	0
CO28021+	CO28022	12.30	36 1-	4ACSR	0	0	584	250	243	17	12	0.06	4.78	26
OC-1029455965+	CO28021	12.30	36 1-	20 N FUSE	0	0	584	250	243	17	87	0.00	4.78	0
CO28125+	OC-1029455965	12.32	3 1-	4ACSR	0	0	583	250	21	1	1	0.00	4.78	0
CO28191+	CO28125	12.40	3 1-	4ACSR	0	0	578	249	21	1	1	0.00	4.79	0
CO28190+	CO28191	12.44	3 1-	4ACSR	0	0	576	248	21	1	1	0.00	4.79	0
CO28124+	CO28190	12.48	2 1-	4ACSR	0	0	573	248	10	0	1	0.00	4.79	0
CO28123+	CO28124	12.58	2 1-	4ACSR	0	0	567	246	10	0	1	0.00	4.79	0
CO28122+	CO28123	12.65	2 1-	4ACSR	0	0	563	246	10	0	1	0.00	4.79	0
CO28046+	CO28122	12.71	1 1-	4ACSR	0	0	559	245	5	0	0	0.00	4.79	0
CO28202+	OC-1029455965	12.65	5 1-	4ACSR	0	0	563	246	35	2	2	0.02	4.80	0
OC1284208810+	CO28202	12.65	5 1-	20 N FUSE	0	0	563	246	35	2	13	0.00	4.80	0
CO28033+	OC1284208810	12.70	2 1-	4ACSR	0	0	560	245	8	0	0	0.00	4.80	0
CO28011+	OC1284208810	12.72	3 1-	4ACSR	0	0	559	245	27	1	1	0.00	4.81	0
CO28192+	CO28011	12.79	2 1-	4ACSR	0	0	555	244	20	1	1	0.00	4.81	0
CO28193+	CO28192	12.91	1 1-	4ACSR	0	0	548	243	7	0	0	0.00	4.81	0
CO28126+	CO28193	12.94	1 1-	4ACSR	0	0	547	242	7	0	0	0.00	4.81	0
CO28035+	CO28011	12.78	0 1-	4ACSR	0	0	555	244	0	0	0	0.00	4.81	0
CO28034+	CO28011	12.76	1 1-	4ACSR	0	0	557	244	7	0	0	0.00	4.81	0
CO28194+	OC-1029455965	12.42	28 1-	2ACSR	0	0	578	249	187	13	7	0.03	4.81	8
OC2014241620+	CO28194	12.42	28 1-	20 N FUSE	0	0	578	249	187	13	67	0.00	4.81	0
CO28195+	OC2014241620	12.43	0 1-	2ACSR	0	0	578	249	0	0	0	0.00	4.81	0
SW865-A+	CO28195	12.43	0 1-	Open	0	0	578	249	0	0	0	0.00	4.81	0
CO28085+	OC2014241620	12.46	28 1-	2ACSR	0	0	576	248	187	13	7	0.01	4.82	2
CO28086+	CO28085	12.57	28 1-	2ACSR	0	0	571	248	187	13	7	0.02	4.84	6
OC-38672249+	CO28086	12.57	27 1-	20 N FUSE	0	0	571	248	179	12	64	0.00	4.84	0
CO-1678054007+	OC-38672249	12.60	0 1-	2ACSR	0	0	570	247	0	0	0	0.00	4.84	0
CO28087+	OC-38672249	12.63	27 1-	2ACSR	0	0	568	247	179	12	7	0.01	4.85	4
CO28088+	CO28087	12.82	27 1-	2ACSR	0	0	560	245	179	12	7	0.04	4.89	11
CO28089+	CO28088	13.01	27 1-	2ACSR	0	0	551	244	179	12	7	0.04	4.93	11
CO28091+	CO28089	13.25	27 1-	2ACSR	0	0	541	242	179	12	7	0.05	4.98	14
CO28090+	CO28091	13.44	27 1-	2ACSR	0	0	533	240	179	12	7	0.04	5.02	11
CO28031+	CO28090	13.55	19 1-	6HDCU	0	0	528	239	133	9	7	0.02	5.05	5
OC1821249449+	CO28031	13.55	19 1-	20 N FUSE	0	0	528	239	133	9	48	0.00	5.05	0
CO28073+	OC1821249449	13.74	2 1-	4ACSR	0	0	518	237	14	0	1	0.00	5.05	0
CO28074+	CO28073	13.81	2 1-	4ACSR	0	0	515	236	14	0	1	0.00	5.05	0
CO28075+	CO28074	14.09	1 1-	4ACSR	0	0	501	233	4	0	0	0.00	5.05	0
CO28072+	OC1821249449	13.65	17 1-	6HDCU	0	0	522	238	119	8	7	0.02	5.06	4
CO28071+	CO28072	13.76	16 1-	6HDCU	0	0	517	237	104	7	6	0.02	5.08	3
CO28030+	CO28071	13.95	13 1-	6HDCU	0	0	508	235	83	5	5	0.03	5.11	4
CO28199+	CO28030	14.06	0 1-	6HDCU	0	0	503	233	0	0	0	0.00	5.11	0
XFMR20	CO28199	14.06	0 1-	333 KVA 1PH AUT	0	0	617	158	0	0	0	0.00	5.11	0
CO28138+	CO28030	14.01	13 1-	4ACSR	0	0	505	234	83	5	4	0.01	5.12	0
CO28139+	CO28138	14.03	12 1-	4ACSR	0	0	504	234	82	5	4	0.00	5.12	0
CO28032+	CO28139	14.12	11 1-	4ACSR	0	0	500	233	73	5	4	0.01	5.13	0
CO28140+	CO28032	14.17	9 1-	4ACSR	0	0	498	232	65	4	3	0.01	5.13	0
CO28141+	CO28140	14.29	7 1-	4ACSR	0	0	492	231	62	4	3	0.01	5.15	0
CO30441+	CO28141	14.34	6 1-	6HDCU	0	0	490	230	62	4	3	0.00	5.15	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26002+	CO30441	14.38	2 1-	2ACSR	0	0	489	230	30	2	1	0.00	5.15	0
CO26003+	CO26002	14.50	1 1-	2ACSR	0	0	484	229	14	1	1	0.00	5.15	0
CO26004+	CO30441	14.37	3 1-	6HDCU	0	0	489	230	13	0	1	0.00	5.15	0
CO25857+	CO26004	14.42	1 1-	2ACSR	0	0	487	230	6	0	0	0.00	5.15	0
CO26005+	CO26004	14.37	2 1-	6HDCU	0	0	489	230	7	0	0	0.00	5.15	0
CO26006+	CO26005	14.41	1 1-	6HDCU	0	0	487	230	1	0	0	0.00	5.15	0
CO28061+	CO28139	14.08	1 1-	4ACSR	0	0	502	233	9	0	0	0.00	5.12	0
CO28136+	CO28071	13.78	2 1-	4ACSR	0	0	516	236	7	0	0	0.00	5.08	0
CO28137+	CO28136	13.92	2 1-	4ACSR	0	0	509	235	7	0	0	0.00	5.08	0
CO28062+	CO28137	14.00	1 1-	4ACSR	0	0	506	234	7	0	0	0.00	5.08	0
CO28076+	CO28090	13.79	7 1-	6HDCU	0	0	515	236	44	3	2	0.02	5.05	0
CO28077+	CO28076	14.04	5 1-	6HDCU	0	0	504	234	40	2	2	0.02	5.06	0
CO28069+	CO28077	14.11	1 1-	2ACSR	0	0	501	233	9	0	0	0.00	5.06	0
CO28078+	CO28077	14.23	4 1-	6HDCU	0	0	495	232	32	2	2	0.01	5.07	0
CO28079+	CO28078	14.52	4 1-	6HDCU	0	0	483	229	32	2	2	0.01	5.08	0
CO28080+	CO28079	14.66	3 1-	6HDCU	0	0	477	227	16	1	1	0.00	5.09	0
CO28060+	CO28080	14.76	1 1-	4ACSR	0	0	473	226	5	0	0	0.00	5.09	0
CO28059+	CO28080	14.77	2 1-	4ACSR	0	0	472	226	11	0	1	0.00	5.09	0
CO28081+	CO28059	14.82	1 1-	4ACSR	0	0	470	226	5	0	0	0.00	5.09	0
CO28083+	CO28081	14.85	1 1-	4ACSR	0	0	469	225	5	0	0	0.00	5.09	0
CO28084+	CO28083	14.93	1 1-	4ACSR	0	0	465	224	5	0	0	0.00	5.09	0
CO28082+	CO28084	15.01	1 1-	4ACSR	0	0	462	224	5	0	0	0.00	5.09	0
CO28057+	CO28090	13.51	1 1-	6HDCU	0	0	529	239	2	0	0	0.00	5.02	0
CO28050+	CO28132	11.82	1 1-	4ACSR	0	0	615	256	0	0	0	0.00	4.55	0
CO28130+	CO28023	11.58	1 1-	4ACSR	0	0	631	259	3	0	0	0.00	4.43	0
CO28051+	CO28130	11.60	0 1-	4ACSR	0	0	630	259	0	0	0	0.00	4.43	0
CO28131+	CO28130	11.70	1 1-	4ACSR	0	0	623	257	3	0	0	0.00	4.43	0
CO25924+	CO25926	11.10	0 1-	4ACSR	0	0	667	265	0	0	0	0.00	4.17	0
CO25923+	CO25926	11.02	2 1-	4ACSR	0	0	673	267	6	0	0	0.00	4.17	0
CO25918+	CO25917	10.62	1 1-	4ACSR	0	0	706	272	6	0	0	0.00	3.94	0
CO25919+	CO25918	10.65	1 1-	4ACSR	0	0	704	272	6	0	0	0.00	3.94	0
CO26051+	CO25917	10.57	0 1-	4ACSR	0	0	711	273	0	0	0	0.00	3.94	0
CO25913+	CO25928	10.54	77 3-	1/0ACSR	941	881	715	274	322	7	3	0.01	3.89	3
CO25914+	CO25913	10.60	77 3-	1/0ACSR	937	877	712	274	322	7	3	0.00	3.89	0
CO25915+	CO25914	10.63	76 3-	1/0ACSR	935	876	710	273	305	7	3	0.00	3.89	0
CO25916+	CO25915	10.66	75 3-	1/0ACSR	933	874	708	273	296	7	3	0.00	3.90	0
CO26049+	CO25916	10.67	0 1-	4ACSR	0	0	708	273	0	0	0	0.00	3.90	0
CO26047+	CO25916	10.67	75 1-	4ACSR	0	0	708	273	296	21	15	0.00	3.90	0
OC787+	CO26047	10.67	75 1-	50 L OCR	0	0	708	273	296	21	0	0.00	3.90	0
XFMR19	OC787	10.67	75 1-	167 KVA 1PH AUT	0	0	550	163	296	21	184	1.79	5.69	0
CO26048	XFMR19	10.68	75 1-	4ACSR	0	0	549	162	296	42	30	0.03	5.72	15
CO25911	CO26048	10.78	75 1-	4ACSR	0	0	541	161	296	42	30	0.20	5.91	96
CO25912	CO25911	10.86	74 1-	4ACSR	0	0	535	160	291	42	30	0.16	6.08	79
CO25829	CO25912	10.95	1 1-	4ACSR	0	0	528	160	7	0	1	0.00	6.08	0
CO25908	CO25912	10.87	73 1-	4ACSR	0	0	534	160	284	41	29	0.02	6.09	8
CO25909	CO25908	10.94	72 1-	4ACSR	0	0	529	160	277	40	29	0.12	6.21	54
CO25910	CO25909	10.96	70 1-	4ACSR	0	0	527	160	270	39	28	0.03	6.25	15
CO25830	CO25910	11.00	2 1-	4ACSR	0	0	524	159	10	1	1	0.00	6.25	0
CO25904	CO25910	10.97	68 1-	4ACSR	0	0	526	159	259	37	27	0.03	6.28	13
CO25905	CO25904	11.07	68 1-	4ACSR	0	0	519	158	259	37	27	0.17	6.44	71
CO25906	CO25905	11.10	68 1-	4ACSR	0	0	517	158	259	37	27	0.05	6.50	23
CO-2078663967	CO25906	11.23	67 1-	2ACSR	0	0	508	157	257	37	21	0.16	6.66	66

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-759684711	CO-2078663967	11.30	1 1-	2ACSR	0	0	504	157	0	0	0	0.00	6.66	0
CO1896803215	CO-2078663967	11.28	66 1-	2ACSR	0	0	505	157	257	37	21	0.05	6.71	21
CO25903	CO1896803215	11.52	66 1-	4ACSR	0	0	488	155	257	37	27	0.41	7.12	177
CO30365	CO25903	12.12	2 1-	4ACSR	0	0	448	149	2	0	0	0.00	7.13	0
OC422364439	CO30365	12.12	1 1-	20 N FUSE	0	0	448	149	0	0	0	0.00	7.13	0
CO28179	OC422364439	12.27	1 1-	4ACSR	0	0	439	148	0	0	0	0.00	7.13	0
CO28178	CO28179	12.58	0 1-	4ACSR	0	0	420	145	0	0	0	0.00	7.13	0
CO25901	CO25903	11.56	64 1-	4ACSR	0	0	485	154	254	37	26	0.07	7.20	31
CO25902	CO25901	11.66	63 1-	4ACSR	0	0	478	153	246	35	26	0.16	7.36	68
CO25831	CO25902	11.70	2 1-	4ACSR	0	0	475	153	13	1	1	0.00	7.36	0
CO25899	CO25902	11.98	61 1-	4ACSR	0	0	457	151	233	34	24	0.49	7.86	191
CO25900	CO25899	12.16	60 1-	4ACSR	0	0	446	149	221	32	23	0.27	8.12	100
CO25897	CO25900	12.19	58 1-	4ACSR	0	0	443	149	216	31	23	0.05	8.18	19
CO25898	CO25897	12.25	57 1-	4ACSR	0	0	440	148	207	30	22	0.08	8.26	29
OC-163418992	CO25898	12.25	57 1-	20 N FUSE	0	0	440	148	207	30	152	0.00	8.26	0
CO25810	OC-163418992	12.37	53 1-	4ACSR	0	0	433	147	183	26	19	0.14	8.40	45
CO25887	CO25810	12.45	41 1-	4ACSR	0	0	428	146	154	22	16	0.08	8.49	21
CO25888	CO25887	12.52	40 1-	4ACSR	0	0	424	146	153	22	16	0.08	8.56	20
CO25889	CO25888	12.59	40 1-	4ACSR	0	0	420	145	153	22	16	0.08	8.64	20
CO25890	CO25889	12.69	40 1-	4ACSR	0	0	414	144	153	22	16	0.10	8.74	25
OC-1833437395	CO25890	12.69	38 1-	20 N FUSE	0	0	414	144	149	21	110	0.00	8.74	0
CO25891	OC-1833437395	12.76	38 1-	4ACSR	0	0	410	144	149	21	16	0.07	8.81	18
CO25892	CO25891	12.79	37 1-	4ACSR	0	0	408	144	138	20	15	0.03	8.84	6
CO25893	CO25892	12.84	34 1-	4ACSR	0	0	406	143	119	17	13	0.04	8.88	8
CO25895	CO25893	12.94	34 1-	4ACSR	0	0	401	142	119	17	13	0.08	8.95	16
CO25894	CO25895	12.98	34 1-	4ACSR	0	0	398	142	119	17	13	0.04	8.99	8
CO25811	CO25894	13.02	31 1-	4ACSR	0	0	396	142	117	17	12	0.03	9.02	6
CO30375	CO25811	13.07	26 1-	4ACSR	0	0	394	141	102	15	11	0.03	9.06	6
CO26118	CO30375	13.11	25 1-	4ACSR	0	0	391	141	101	14	11	0.03	9.09	5
CO26119	CO26118	13.16	23 1-	4ACSR	0	0	389	141	95	14	10	0.03	9.12	5
CO26117	CO26119	13.19	22 1-	4ACSR	0	0	388	141	94	13	10	0.02	9.13	3
CO26115	CO26117	13.22	20 1-	4ACSR	0	0	386	140	88	13	9	0.02	9.16	3
CO26116	CO26115	13.26	17 1-	4ACSR	0	0	384	140	83	12	9	0.02	9.18	3
CO26113	CO26116	13.30	14 1-	4ACSR	0	0	382	140	74	11	8	0.02	9.19	0
CO26114	CO26113	13.38	10 1-	4ACSR	0	0	378	139	59	8	6	0.03	9.22	3
CO26112	CO26114	13.45	7 1-	4ACSR	0	0	375	139	51	7	5	0.02	9.24	0
CO26111	CO26112	13.50	5 1-	4ACSR	0	0	372	138	37	5	4	0.01	9.25	0
CO26110	CO26111	13.53	2 1-	4ACSR	0	0	371	138	16	2	2	0.00	9.26	0
CO26090	CO26110	13.55	2 1-	4ACSR	0	0	370	138	16	2	2	0.00	9.26	0
CO30373	CO26090	13.61	2 1-	4ACSR	0	0	367	137	16	2	2	0.00	9.26	0
CO28261	CO30373	13.73	1 1-	4ACSR	0	0	362	136	7	1	1	0.00	9.27	0
CO1149286926	CO26115	13.24	1 1-	2ACSR	0	0	385	140	2	0	0	0.00	9.16	0
CO-1665859707	CO1149286926	13.29	1 1-	2ACSR	0	0	383	140	2	0	0	0.00	9.16	0
CO25896	CO25811	13.05	4 1-	4ACSR	0	0	395	142	9	1	1	0.00	9.03	0
CO30378	CO25896	13.13	4 1-	4ACSR	0	0	390	141	9	1	1	0.01	9.03	0
CO26120	CO30378	13.18	3 1-	4ACSR	0	0	388	141	9	1	1	0.00	9.03	0
CO26109	CO26120	13.19	2 1-	4ACSR	0	0	387	140	5	0	1	0.00	9.03	0
CO30374	CO26109	13.35	2 1-	4ACSR	0	0	380	139	5	0	1	0.00	9.04	0
CO25833	CO25894	13.03	0 1-	4ACSR	0	0	396	142	0	0	0	0.00	8.99	0
CO25832	CO25894	13.00	1 1-	4ACSR	0	0	397	142	2	0	0	0.00	8.99	0
CO26043	CO25810	12.38	12 1-	4ACSR	0	0	432	147	29	4	3	0.00	8.40	0
OC785	CO26043	12.38	12 1-	25 H OCR	0	0	432	147	29	4	17	0.00	8.40	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26044	OC785	12.42	12 1-	4ACSR	0	0	430	147	29	4	3	0.01	8.41	0
CO25886	CO26044	12.54	10 1-	4ACSR	0	0	423	146	28	4	3	0.02	8.43	0
CO30439	CO25886	12.78	9 1-	4ACSR	0	0	409	144	15	2	2	0.02	8.46	0
CO28012	CO30439	12.86	9 1-	4ACSR	0	0	405	143	15	2	2	0.01	8.46	0
CO28037	CO28012	12.91	2 1-	4ACSR	0	0	402	143	6	0	1	0.00	8.46	0
CO28188	CO28012	12.94	7 1-	4ACSR	0	0	400	142	9	1	1	0.00	8.47	0
CO28189	CO28188	13.00	7 1-	4ACSR	0	0	397	142	9	1	1	0.00	8.47	0
CO28014	CO28189	13.05	5 1-	4ACSR	0	0	395	142	6	0	1	0.00	8.47	0
OC-1600376297	CO28014	13.05	5 1-	20 N FUSE	0	0	395	142	6	0	4	0.00	8.47	0
CO28038	OC-1600376297	13.14	1 1-	4ACSR	0	0	390	141	0	0	0	0.00	8.47	0
CO28182	OC-1600376297	13.09	4 1-	4ACSR	0	0	393	141	6	0	1	0.00	8.48	0
CO28183	CO28182	13.30	4 1-	4ACSR	0	0	382	140	6	0	1	0.01	8.48	0
CO28013	CO28183	13.40	2 1-	4ACSR	0	0	377	139	0	0	0	0.00	8.48	0
CO28184	CO28013	13.50	2 1-	4ACSR	0	0	372	138	0	0	0	0.00	8.48	0
CO28185	CO28184	13.91	2 1-	4ACSR	0	0	354	135	0	0	0	0.00	8.48	0
CO28040	CO28013	13.59	0 1-	4ACSR	0	0	368	137	0	0	0	0.00	8.48	0
CO28039	CO28183	13.41	2 1-	4ACSR	0	0	377	139	6	0	1	0.00	8.49	0
CO28180	CO28189	13.09	2 1-	4ACSR	0	0	392	141	3	0	0	0.00	8.47	0
CO28181	CO28180	13.15	1 1-	4ACSR	0	0	390	141	1	0	0	0.00	8.47	0
CO28036	CO30439	12.83	0 1-	4ACSR	0	0	407	143	0	0	0	0.00	8.46	0
CO26064	OC-163418992	12.32	4 1-	4ACSR	0	0	436	148	24	3	2	0.01	8.27	0
CO-1440812839	CO26064	12.33	4 1-	2ACSR	0	0	435	148	24	3	2	0.00	8.27	0
CO1144198943	CO-1440812839	12.34	4 1-	2ACSR	0	0	435	147	24	3	2	0.00	8.27	0
CO26066	CO1144198943	12.39	4 1-	4ACSR	0	0	432	147	24	3	2	0.01	8.28	0
CO25885	CO26066	12.48	4 1-	4ACSR	0	0	426	146	24	3	2	0.01	8.30	0
CO25884	CO25885	12.55	3 1-	4ACSR	0	0	422	146	21	3	2	0.01	8.30	0
CO25827	CO25884	12.70	0 1-	4ACSR	0	0	414	144	0	0	0	0.00	8.30	0
CO25883	CO25884	12.65	2 1-	4ACSR	0	0	417	145	19	2	2	0.01	8.31	0
CO25853+	CO25944	8.85	0 1-	4ACSR	0	0	830	287	0	0	0	0.00	3.60	0
OC-1025601242+	CO25853	8.85	0 1-	20 N FUSE	0	0	830	287	0	0	0	0.00	3.60	0
CO25823+	CO25822	8.62	1 1-	4ACSR	0	0	848	289	9	0	0	0.00	3.55	0
OC862555120+	CO25823	8.62	0 1-	20 N FUSE	0	0	848	289	0	0	0	0.00	3.55	0
CO25462+	CO25430	8.16	0 1-	4ACSR	0	0	886	292	0	0	0	0.00	3.46	0
CO25461+	CO25428	7.83	1 1-	4ACSR	0	0	918	295	0	0	0	0.00	3.38	0
OC1345029754+	CO25461	7.83	0 1-	20 N FUSE	0	0	918	295	0	0	0	0.00	3.38	0
CO25459+	CO25545	7.49	1 1-	4ACSR	0	0	956	299	0	0	0	0.00	3.27	0
OC-1493673982+	CO25459	7.49	0 1-	20 N FUSE	0	0	956	299	0	0	0	0.00	3.27	0
CO25445+	CO25454	7.29	0 1-	1/0ACSR	0	0	980	302	0	0	0	0.00	3.23	0
OC1642465494+	CO25445	7.29	0 1-	20 N FUSE	0	0	980	302	0	0	0	0.00	3.23	0
CO25497+	CO25452	7.15	2 1-	4ACSR	0	0	993	302	18	1	1	0.00	3.19	0
OC-346009164+	CO25497	7.15	0 1-	20 N FUSE	0	0	993	302	0	0	0	0.00	3.19	0
CO25458+	CO25450	6.76	1 1-	4ACSR	0	0	1039	306	6	0	0	0.00	3.10	0
OC-532889547+	CO25458	6.76	0 1-	20 N FUSE	0	0	1039	306	0	0	0	0.00	3.10	0
CO25616+	CO25448	6.56	6 1-	4ACSR	0	0	1065	308	40	2	2	0.00	3.05	0
OC-979086521+	CO25616	6.56	4 1-	20 N FUSE	0	0	1065	308	19	1	7	0.00	3.05	0
CO25617+	OC-979086521	6.59	4 1-	4ACSR	0	0	1059	307	19	1	1	0.00	3.05	0
CO25615+	CO25617	6.64	3 1-	4ACSR	0	0	1050	306	8	0	0	0.00	3.05	0
CO25574+	CO25615	6.72	1 1-	4ACSR	0	0	1037	305	1	0	0	0.00	3.05	0
CO25573+	CO25615	6.68	1 1-	4ACSR	0	0	1043	306	7	0	0	0.00	3.05	0
CO25456+	CO30617	6.10	1 1-	4ACSR	0	0	1125	312	8	0	0	0.00	2.92	0
OC-1222996724+	CO25456	6.10	0 1-	20 N FUSE	0	0	1125	312	0	0	0	0.00	2.92	0
CO15846+	CO15537	5.95	8 1-	4ACSR	0	0	1150	314	32	2	2	0.00	2.90	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC473+	CO15846	5.95	8 1-	10 N FUSE	0	0	1150	314	32	2	23	0.00	2.90	0
CO30616+	OC473	6.06	8 1-	4ACSR	0	0	1128	312	32	2	2	0.01	2.90	0
CO25667+	CO30616	6.07	5 1-	4ACSR	0	0	1127	312	12	0	1	0.00	2.90	0
OC769+	CO25667	6.07	5 1-	10 N FUSE	0	0	1127	312	12	0	9	0.00	2.90	0
CO25668+	OC769	6.19	5 1-	4ACSR	0	0	1102	309	12	0	1	0.00	2.90	0
CO25455+	CO25668	6.27	2 1-	4ACSR	0	0	1088	308	8	0	0	0.00	2.90	0
CO25577+	CO25668	6.27	3 1-	4ACSR	0	0	1088	308	5	0	0	0.00	2.91	0
CO25499+	CO25577	6.36	3 1-	2ACSR	0	0	1074	307	5	0	0	0.00	2.91	0
CO25578+	CO25577	6.36	0 1-	4ACSR	0	0	1070	306	0	0	0	0.00	2.91	0
CO30615+	CO30616	6.15	3 1-	4ACSR	0	0	1110	310	20	1	1	0.00	2.90	0
CO769806424+	CO30615	6.17	1 1-	2ACSR	0	0	1107	310	4	0	0	0.00	2.90	0
CO1412960888+	CO769806424	6.25	1 1-	2ACSR	0	0	1094	309	4	0	0	0.00	2.90	0
CO-982171154+	CO1412960888	6.27	1 1-	1/0PRIURD	0	0	1092	614	4	0	0	0.00	2.90	0
CO15825+	CO15536	5.63	3 1-	4ACSR	0	0	1195	316	20	1	1	0.00	2.79	0
OC1064932378+	CO15825	5.63	3 1-	20 N FUSE	0	0	1195	316	20	1	7	0.00	2.79	0
CO15826+	OC1064932378	5.67	2 1-	4ACSR	0	0	1186	315	9	0	0	0.00	2.79	0
CO15571+	OC1064932378	5.74	1 1-	4ACSR	0	0	1173	314	11	0	1	0.00	2.79	0
CO15560+	CO15724	5.48	67 3-	1/0ACSR	1526	1420	1225	318	1447	33	15	0.04	2.77	82
CO15660+	CO15560	5.70	66 3-	1/0ACSR	1487	1380	1188	316	1434	33	15	0.07	2.84	147
CO15661+	CO15660	5.78	65 3-	1/0ACSR	1474	1368	1177	315	1433	33	15	0.02	2.86	49
CO15662+	CO15661	5.87	64 3-	1/0ACSR	1460	1354	1164	315	1432	33	15	0.03	2.89	55
CO15573+	CO15662	5.91	2 3-	1/0PRIURD	1458	1351	1158	638	1090	25	17	0.01	2.89	18
CO15861+	CO15573	5.94	1 3-	1/0PRIURD	1456	1349	1157	637	417	9	7	0.00	2.90	0
260646052+	CO15861	5.94	1 3-	Consumer	1456	1349	1157	637	417	9	0	0.00	2.90	0
260646021+	CO15573	5.91	1 3-	Consumer	1458	1351	1158	638	673	15	0	0.00	2.89	0
CO15703+	CO15662	6.04	62 3-	1/0ACSR	1433	1329	1138	313	342	8	4	0.01	2.90	5
CO15704+	CO15703	6.10	60 3-	1/0ACSR	1422	1320	1129	312	272	6	3	0.00	2.90	0
CO15705+	CO15704	6.13	60 3-	1/0ACSR	1418	1316	1125	312	272	6	3	0.00	2.90	0
CO15706+	CO15705	6.28	60 3-	1/0ACSR	1395	1295	1104	311	272	6	3	0.01	2.91	4
CO15707+	CO15706	6.35	58 1-	4ACSR	0	0	1091	309	264	18	13	0.03	2.94	12
AU39	CO15707	6.35	56 1-	167 KVA 1PH AUT	0	0	625	168	260	18	160	1.51	4.45	0
CO15708	AU39	6.38	56 1-	4ACSR	0	0	623	168	260	37	26	0.05	4.50	21
CO15817	CO15708	6.42	56 1-	4ACSR	0	0	619	168	260	37	26	0.07	4.57	31
CO15818	CO15817	6.47	54 1-	4ACSR	0	0	614	167	258	36	26	0.09	4.66	38
CO15728	CO15818	6.58	52 1-	4ACSR	0	0	604	166	244	34	25	0.17	4.83	67
CO15729	CO15728	6.61	51 1-	4ACSR	0	0	601	165	238	34	24	0.06	4.89	22
CO15841	CO15729	6.73	0 1-	1/0PRIURD	0	0	595	346	0	0	0	0.00	4.89	0
CO15670	CO15841	6.81	0 1-	1/0PRIURD	0	0	591	344	0	0	0	0.00	4.89	0
CO15849	CO15729	6.62	51 1-	4ACSR	0	0	600	165	238	34	24	0.01	4.90	4
OC475	CO15849	6.62	51 1-	35 H OCR	0	0	600	165	238	34	97	0.00	4.90	0
CO15850	OC475	6.63	51 1-	4ACSR	0	0	599	165	238	34	24	0.02	4.92	8
CO15799	CO15850	6.69	50 1-	4ACSR	0	0	594	165	231	33	24	0.09	5.01	36
CO15663	CO15799	6.83	49 1-	4ACSR	0	0	582	163	228	32	23	0.20	5.21	76
CO15669	CO15663	6.94	2 1-	4ACSR	0	0	572	162	0	0	0	0.00	5.21	0
CO15748	CO15669	7.04	2 1-	4ACSR	0	0	563	161	0	0	0	0.00	5.21	0
CO15749	CO15748	7.18	1 1-	4ACSR	0	0	551	160	0	0	0	0.00	5.21	0
CO15730	CO15663	6.94	46 1-	4ACSR	0	0	572	162	225	32	23	0.16	5.38	60
CO30614	CO15730	7.00	45 1-	4ACSR	0	0	566	161	211	30	22	0.09	5.47	31
CO25505	CO30614	7.06	44 1-	4ACSR	0	0	561	161	203	29	21	0.08	5.55	28
CO25503	CO25505	7.25	44 1-	4ACSR	0	0	545	159	202	29	21	0.25	5.80	83
CO731115333	CO25503	7.37	1 1-	2ACSR	0	0	536	158	0	0	0	0.00	5.80	0
CO-914942552	CO731115333	7.50	1 1-	2ACSR	0	0	527	157	0	0	0	0.00	5.80	0

Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-2071096275	CO731115333	7.39	0 1-	2ACSR	0	0	535	158	0	0	0	0.00	5.80	0
CO25604	CO25503	7.30	42 1-	4ACSR	0	0	541	159	196	28	20	0.06	5.86	18
CO25605	CO25604	7.33	40 1-	4ACSR	0	0	538	158	190	27	20	0.04	5.90	13
CO25502	CO25605	7.40	40 1-	4ACSR	0	0	532	157	190	27	20	0.10	6.00	30
CO25466	CO25502	7.50	0 1-	4ACSR	0	0	524	157	0	0	0	0.00	6.00	0
CO25465	CO25502	7.50	1 1-	4ACSR	0	0	524	157	7	1	1	0.00	6.00	0
CO25432	CO25502	7.53	39 1-	4ACSR	0	0	522	156	183	26	19	0.15	6.15	46
CO25608	CO25432	7.64	36 1-	4ACSR	0	0	513	155	176	25	18	0.13	6.28	38
CO25609	CO25608	7.65	35 1-	4ACSR	0	0	512	155	173	25	18	0.01	6.29	4
CO25515	CO25609	7.73	35 1-	4ACSR	0	0	506	154	173	25	18	0.08	6.37	23
CO25513	CO25515	7.77	29 1-	4ACSR	0	0	503	154	136	19	14	0.04	6.41	9
CO25494	CO25513	7.80	1 1-	4ACSR	0	0	501	154	11	1	1	0.00	6.41	0
CO25514	CO25513	7.82	28 1-	4ACSR	0	0	499	154	125	18	13	0.04	6.46	9
CO25612	CO25514	7.97	25 1-	4ACSR	0	0	488	152	120	17	12	0.11	6.57	22
CO25613	CO25612	8.12	23 1-	4ACSR	0	0	477	151	107	15	11	0.11	6.68	20
CO25584	CO25613	8.24	22 1-	4ACSR	0	0	468	150	107	15	11	0.08	6.76	15
CO25585	CO25584	8.25	22 1-	4ACSR	0	0	467	150	107	15	11	0.01	6.77	2
OC-2138495312	CO25585	8.25	22 1-	20 N FUSE	0	0	467	150	107	15	78	0.00	6.77	0
CO25508	OC-2138495312	8.33	4 1-	4ACSR	0	0	462	149	13	1	1	0.00	6.78	0
CO25510	CO25508	8.40	1 1-	4ACSR	0	0	457	148	4	0	0	0.00	6.78	0
CO25509	CO25508	8.55	1 1-	4ACSR	0	0	447	147	0	0	0	0.00	6.78	0
CO25586	OC-2138495312	8.54	18 1-	4ACSR	0	0	448	147	94	13	10	0.18	6.95	28
CO25587	CO25586	8.63	17 1-	4ACSR	0	0	442	147	94	13	10	0.06	7.01	9
CO25506	CO25587	8.67	17 1-	4ACSR	0	0	439	146	94	13	10	0.03	7.04	5
CO25507	CO25506	8.81	17 1-	4ACSR	0	0	431	145	94	13	10	0.09	7.13	14
CO-1981786639	CO25507	8.97	0 1-	2ACSR	0	0	423	144	0	0	0	0.00	7.13	0
CO25526	CO25507	8.85	12 1-	4ACSR	0	0	428	145	67	9	7	0.01	7.14	0
OC484639549	CO25526	8.85	10 1-	20 N FUSE	0	0	428	145	54	7	40	0.00	7.14	0
CO25525	OC484639549	8.90	10 1-	4ACSR	0	0	426	144	54	7	6	0.02	7.16	0
CO25580	CO25525	8.95	10 1-	4ACSR	0	0	422	144	54	7	6	0.02	7.18	0
CO25579	CO25580	9.02	10 1-	4ACSR	0	0	418	143	54	7	6	0.02	7.20	0
CO25524	CO25579	9.18	8 1-	4ACSR	0	0	409	142	44	6	5	0.04	7.25	3
CO25522	CO25524	9.21	1 1-	4ACSR	0	0	407	142	1	0	0	0.00	7.25	0
CO30357	CO25522	9.27	1 1-	4ACSR	0	0	404	141	1	0	0	0.00	7.25	0
CO25523	CO25524	9.21	6 1-	4ACSR	0	0	407	142	38	5	4	0.01	7.25	0
CO30358	CO25523	9.30	6 1-	4ACSR	0	0	402	141	38	5	4	0.02	7.28	0
CO25736	CO30358	9.40	3 1-	4ACSR	0	0	397	140	14	2	1	0.01	7.28	0
CO967116347	CO25736	9.46	1 1-	2ACSR	0	0	394	140	3	0	0	0.00	7.28	0
CO25735	CO30358	9.35	2 1-	4ACSR	0	0	400	141	18	2	2	0.00	7.28	0
CO25734	CO30358	9.37	1 1-	4ACSR	0	0	398	141	6	0	1	0.00	7.28	0
CO25590	CO25507	8.92	5 1-	4ACSR	0	0	424	144	26	3	3	0.02	7.15	0
CO25591	CO25590	9.00	4 1-	4ACSR	0	0	419	143	26	3	3	0.01	7.16	0
CO25518	CO25591	9.19	2 1-	2ACSR	0	0	410	142	14	2	1	0.01	7.17	0
CO25519	CO25518	9.27	1 1-	2ACSR	0	0	407	142	2	0	0	0.00	7.17	0
CO25592	CO25591	9.19	1 1-	4ACSR	0	0	408	142	9	1	1	0.01	7.17	0
CO30370	CO25592	9.40	0 1-	4ACSR	0	0	397	140	0	0	0	0.00	7.17	0
CO25516	CO25592	9.25	1 1-	4ACSR	0	0	405	141	9	1	1	0.00	7.17	0
CO25517	CO25516	9.28	1 1-	4ACSR	0	0	403	141	9	1	1	0.00	7.18	0
CO25511	CO25514	7.94	2 1-	4ACSR	0	0	490	153	4	0	0	0.00	6.46	0
CO25512	CO25511	8.03	1 1-	4ACSR	0	0	483	152	0	0	0	0.00	6.46	0
CO25610	CO25515	7.77	3 1-	4ACSR	0	0	502	154	14	2	1	0.00	6.38	0
CO25611	CO25610	7.84	2 1-	4ACSR	0	0	497	153	9	1	1	0.00	6.38	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25606	CO25432	7.62	3 1-	4ACSR	0	0	515	155	7	1	1	0.00	6.15	0
CO25607	CO25606	7.67	0 1-	4ACSR	0	0	511	155	0	0	0	0.00	6.15	0
CO25504	CO30614	7.12	1 1-	2ACSR	0	0	557	161	9	1	1	0.00	5.47	0
CO15574	CO15663	6.88	1 1-	4ACSR	0	0	577	163	2	0	0	0.00	5.21	0
CO15827	CO15818	6.55	2 1-	4ACSR	0	0	607	166	14	1	1	0.01	4.67	0
CO15575	CO15827	6.60	0 1-	4ACSR	0	0	602	166	0	0	0	0.00	4.67	0
CO15828	CO15827	6.61	2 1-	4ACSR	0	0	601	165	14	1	1	0.00	4.67	0
CO15614+	CO15560	5.50	1 1-	4ACSR	0	0	1221	318	12	0	1	0.00	2.77	0
OC-1871200692+	CO15614	5.50	0 1-	20 N FUSE	0	0	1221	318	0	0	0	0.00	2.77	0
CO15570+	CO15722	5.18	1 1-	4ACSR	0	0	1272	321	12	0	1	0.00	2.59	0
OC-269814331+	CO15570	5.18	0 1-	20 N FUSE	0	0	1272	321	0	0	0	0.00	2.59	0
CO15567+	OC-527721729	4.89	1 3-	4ACSR	1630	1524	1325	323	1	0	0	0.00	2.40	0
OC-1015051850+	CO15567	4.89	0 3-	20 N FUSE	1630	1524	1325	323	0	0	0	0.00	2.40	0
CO15569+	CO15535	4.96	0 1-	4ACSR	0	0	1308	322	0	0	0	0.00	2.40	0
CO15568+	CO15535	4.89	2 1-	4ACSR	0	0	1325	323	10	0	1	0.00	2.40	0
OC1308650129+	CO15568	4.89	0 1-	20 N FUSE	0	0	1325	323	0	0	0	0.00	2.40	0
CO15531+	CO15530	5.10	83 3-	1/0CU	1611	1507	1305	323	431	10	3	0.03	2.35	15
CO15619+	CO15531	5.33	81 3-	1/0CU	1576	1472	1270	322	426	9	3	0.01	2.36	8
CO15620+	CO15619	5.53	81 3-	1/0CU	1545	1441	1241	320	425	9	3	0.01	2.38	7
CO15857+	CO15620	5.54	79 2-	2ACSR	0	1439	1239	320	421	14	8	0.00	2.38	0
OC479+	CO15857	5.54	79 2-	70 E OCR	0	1439	1239	320	421	14	21	0.00	2.38	0
CO15858+	OC479	5.63	79 2-	2ACSR	0	1420	1222	319	421	14	8	0.02	2.40	13
CO15719+	CO15858	5.72	79 2-	2ACSR	0	1401	1205	318	420	14	8	0.02	2.42	12
CO15720+	CO15719	5.79	78 2-	2ACSR	0	1385	1192	317	403	14	8	0.02	2.43	9
CO15565+	CO15720	5.87	1 1-	4ACSR	0	0	1175	315	15	1	1	0.00	2.43	0
CO15621+	CO15720	5.89	74 2-	4ACSR	0	1362	1172	315	368	12	9	0.03	2.46	15
CO15752+	CO15621	5.92	74 2-	4ACSR	0	1355	1164	314	368	12	9	0.01	2.47	6
CO15753+	CO15752	5.96	71 2-	4ACSR	0	1349	1157	314	353	12	9	0.01	2.48	5
CO15532+	CO15753	6.08	61 2-	2ACSR	0	1327	1136	312	307	10	6	0.02	2.50	9
CO15533+	CO15532	6.13	60 2-	2ACSR	0	1318	1127	311	306	10	6	0.01	2.51	4
XFMR22	CO15533	6.13	60 2-	333 KVA 1PH AUT	0	933	879	172	306	10	47	0.50	3.00	0
CO15534	XFMR22	6.17	60 2-	2ACSR	0	928	873	171	306	21	12	0.02	3.02	10
CO15840	CO15534	6.31	23 1-	1/0PRIURD	0	0	853	392	120	16	11	0.05	3.08	8
CO15838	CO15840	6.39	20 1-	1/0PRIURD	0	0	842	389	100	14	9	0.02	3.10	3
CO15839	CO15838	6.42	17 1-	1/0PRIURD	0	0	838	388	83	11	8	0.01	3.11	0
CO15737	CO15839	6.46	12 1-	1/0PRIURD	0	0	833	387	63	8	6	0.01	3.11	0
CO15738	CO15737	6.51	7 1-	1/0PRIURD	0	0	827	385	37	5	3	0.00	3.12	0
CO15566	CO15534	6.22	33 1-	1/0PRIURD	0	0	866	395	159	22	15	0.02	3.05	5
CO15699	CO15566	6.28	29 1-	1/0PRIURD	0	0	857	393	133	18	12	0.02	3.07	4
CO15718	CO15699	6.34	21 1-	1/0PRIURD	0	0	849	391	93	13	9	0.01	3.09	0
CO15717	CO15718	6.40	15 1-	1/0PRIURD	0	0	841	389	60	8	6	0.01	3.10	0
CO15700	CO15717	6.46	9 1-	1/0PRIURD	0	0	834	387	38	5	4	0.00	3.10	0
CO15664+	CO15753	6.02	5 1-	2ACSR	0	0	1147	313	40	2	2	0.00	2.48	0
CO15665+	CO15664	6.05	2 1-	2ACSR	0	0	1140	312	20	1	1	0.00	2.48	0
CO15854+	CO15858	5.64	0 1-	4ACSR	0	0	1221	319	0	0	0	0.00	2.40	0
SW480-A+	CO15854	5.64	0 1-	Open	0	0	1221	319	0	0	0	0.00	2.40	0
CO15564+	CO15620	5.60	1 1-	4ACSR	0	0	1225	319	4	0	0	0.00	2.38	0
CO15545+	CO15620	5.57	0 3-	1/0CU	1541	1436	1236	320	0	0	0	0.00	2.38	0
CO15851+	CO15545	5.57	0 3-	4/0ACSR	1540	1435	1235	320	0	0	0	0.00	2.38	0
OC962+	CO15851	5.57	0 3-	WVE	1540	1435	1235	320	0	0	0	0.00	2.38	0
CO15563+	CO15531	5.47	2 1-	4ACSR	0	0	1216	316	5	0	0	0.00	2.35	0
OC-1436264756+	CO15563	5.47	0 1-	20 N FUSE	0	0	1216	316	0	0	0	0.00	2.35	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16016+	CO15874	3.60	3 1-	4ACSR	0	0	1566	332	27	1	1	0.00	1.75	0
OC-867681324+	CO16016	3.60	2 1-	20 N FUSE	0	0	1566	332	22	1	8	0.00	1.75	0
CO16017+	OC-867681324	3.64	2 1-	4ACSR	0	0	1553	331	22	1	1	0.00	1.75	0
CO16018+	CO16017	3.68	2 1-	4ACSR	0	0	1540	330	22	1	1	0.00	1.76	0
CO16011+	CO16010	3.16	4 1-	4ACSR	0	0	1682	336	33	2	2	0.00	1.61	0
OC1240717059+	CO16011	3.16	4 1-	20 N FUSE	0	0	1682	336	33	2	12	0.00	1.61	0
CO16012+	OC1240717059	3.23	4 1-	4ACSR	0	0	1654	335	33	2	2	0.00	1.61	0
CO16013+	CO16012	3.28	3 1-	4ACSR	0	0	1635	334	22	1	1	0.00	1.61	0
CO16014+	CO16013	3.31	2 1-	4ACSR	0	0	1624	333	20	1	1	0.00	1.61	0
CO16015+	CO16014	3.37	1 1-	4ACSR	0	0	1602	332	9	0	0	0.00	1.61	0
CO16006+	CO16002	3.10	1 1-	4ACSR	0	0	1688	336	5	0	0	0.00	1.56	0
OC-49092676+	CO16006	3.10	1 1-	20 N FUSE	0	0	1688	336	5	0	2	0.00	1.56	0
CO16007+	OC-49092676	3.39	1 1-	4ACSR	0	0	1579	330	5	0	0	0.00	1.56	0
CO16003+	CO16002	3.03	3 1-	4ACSR	0	0	1719	338	20	1	1	0.00	1.56	0
OC121863833+	CO16003	3.03	3 1-	20 N FUSE	0	0	1719	338	20	1	7	0.00	1.56	0
CO16004+	OC121863833	3.07	3 1-	4ACSR	0	0	1704	337	20	1	1	0.00	1.56	0
CO16005+	CO16004	3.10	1 1-	4ACSR	0	0	1689	336	12	0	1	0.00	1.56	0
CO15997+	CO15996	2.98	3 1-	4ACSR	0	0	1710	336	6	0	0	0.00	1.48	0
OC-1525615919+	CO15997	2.98	2 1-	20 N FUSE	0	0	1710	336	1	0	0	0.00	1.48	0
CO15998+	OC-1525615919	3.05	2 1-	4ACSR	0	0	1682	334	1	0	0	0.00	1.48	0
CO15897+	CO15998	3.10	1 1-	4ACSR	0	0	1661	333	0	0	0	0.00	1.48	0
CO15999+	CO15998	3.11	1 1-	4ACSR	0	0	1656	333	0	0	0	0.00	1.48	0
CO15982+	CO15988	2.59	2 1-	4ACSR	0	0	1836	340	34	2	2	0.00	1.37	0
OC1160714839+	CO15982	2.59	2 1-	20 N FUSE	0	0	1836	340	34	2	12	0.00	1.37	0
CO15983+	OC1160714839	2.63	2 1-	4ACSR	0	0	1821	340	34	2	2	0.00	1.37	0
CO15984+	CO15983	2.67	1 1-	4ACSR	0	0	1800	339	13	0	1	0.00	1.37	0
CO15985+	CO15984	2.77	1 1-	4ACSR	0	0	1758	337	13	0	1	0.00	1.37	0
CO15886+	CO15872	1.74	4 2-	4ACSR	0	2282	2125	345	21	0	1	0.00	0.93	0
OC-2032052950+	CO15886	1.74	0 2-	20 N FUSE	0	2282	2125	345	0	0	0	0.00	0.93	0
CO-11207904+	CO15886	1.76	3 1-	2ACSR	0	0	2118	345	21	1	1	0.00	0.93	0
CO15989+	CO15994	1.68	3 1-	4ACSR	0	0	2143	345	13	0	1	0.00	0.88	0
OC1760263424+	CO15989	1.68	1 1-	20 N FUSE	0	0	2143	345	3	0	1	0.00	0.88	0
CO15990+	OC1760263424	1.73	1 1-	4ACSR	0	0	2113	344	3	0	0	0.00	0.88	0
CO15260+	CO15391	0.61	1 1-	1/0PRIURD	0	0	2694	884	16	1	1	0.00	0.37	0
OC-2060606951+	CO15260	0.61	0 1-	20 N FUSE	0	0	2694	884	0	0	0	0.00	0.37	0
CO15489+	CO15391	0.66	5 3-	4ACSR	2754	2730	2653	352	877	20	14	0.03	0.40	43
CO15233+	CO15489	0.68	1 1-	4ACSR	0	0	2633	352	343	23	17	0.01	0.41	7
260764002+	CO15233	0.68	1 1-	Consumer	0	0	2633	352	343	23	0	0.00	0.41	0
CO15488+	CO15489	0.70	4 3-	4ACSR	2731	2703	2619	351	534	12	9	0.01	0.41	9
CO15490+	CO15488	0.72	2 3-	4ACSR	2718	2687	2600	351	509	11	8	0.01	0.41	5
CO15249+	CO15490	0.74	1 1-	4ACSR	0	0	2580	350	0	0	0	0.00	0.41	0
260765075+	CO15490	0.72	1 3-	Consumer	2718	2687	2600	351	509	11	0	0.00	0.41	0
CO15231+	CO15345	0.62	2 1-	4ACSR	0	0	2678	352	23	1	1	0.00	0.34	0
OC169419107+	CO15231	0.62	0 1-	20 N FUSE	0	0	2678	352	0	0	0	0.00	0.34	0
CO15508+	CO15507	0.02	160 3-	750 MCM - 42 Wi	3058	3094	3112	357	2534	56	5	0.00	0.01	0
Hospital+	CO15508	0.02	160 3-	WVE	3058	3094	3112	357	2534	56	10	0.00	0.01	0
CO15371+	Hospital	0.02	160 3-	4/0ACSR	3055	3089	3107	357	2534	56	17	0.00	0.01	6
CO15373+	CO15371	0.03	160 3-	4/0ACSR	3053	3085	3103	357	2534	56	17	0.00	0.01	5
CO17260+	CO15373	0.06	160 3-	4/0ACSR	3037	3063	3079	357	2534	56	17	0.01	0.02	28
CO15372+	CO17260	0.12	160 3-	4/0ACSR	3007	3020	3033	357	2534	56	17	0.02	0.04	56
AU37	CO15372	0.12	160 3-	3000 KVA 3PH AU	1492	1494	1495	179	2533	56	82	1.19	1.22	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15180	AU37	0.17	75 3-	4/0ACSR	1481	1481	1478	178	1379	62	18	0.03	1.25	51
CO15375	CO15180	0.17	75 3-	4/0ACSR	1479	1479	1475	178	1379	62	18	0.00	1.25	9
CO15374	CO15375	0.19	73 3-	4/0ACSR	1476	1475	1470	178	1347	60	18	0.01	1.26	15
CO15376	CO15374	0.31	70 3-	4/0ACSR	1447	1443	1427	178	1312	59	17	0.07	1.33	123
CO15182	CO15376	0.42	63 3-	4/0ACSR	1423	1416	1392	178	1009	45	13	0.04	1.37	61
OC33870724	CO15182	0.42	57 3-	20 N FUSE	1423	1416	1392	178	967	43	218	0.00	1.37	0
CO708956542	OC33870724	0.45	7 3-	2ACSR	1416	1409	1382	177	76	3	2	0.00	1.37	0
CO-1871149795	CO708956542	0.50	4 3-	2ACSR	1403	1393	1361	177	39	1	1	0.00	1.37	0
CO15378	OC33870724	0.46	44 3-	4/0ACSR	1413	1405	1378	178	451	20	6	0.01	1.38	5
CO15377	CO15378	0.51	44 3-	4/0ACSR	1403	1393	1363	177	451	20	6	0.01	1.39	6
OC721550299	CO15377	0.51	37 3-	20 N FUSE	1403	1393	1363	177	374	16	84	0.00	1.39	0
CO15379	OC721550299	0.55	37 3-	2ACSR	1392	1381	1347	177	374	16	9	0.02	1.41	11
CO157119595	CO15379	0.58	35 3-	2ACSR	1386	1374	1337	177	350	15	9	0.01	1.42	6
CO15381	CO157119595	0.63	35 3-	4/0ACSR	1375	1362	1323	177	350	15	5	0.01	1.42	3
CO15380	CO15381	0.67	33 3-	4/0ACSR	1366	1352	1310	177	322	14	4	0.01	1.43	3
CO15475	CO15380	0.69	9 1-	4ACSR	0	0	1301	176	90	12	9	0.01	1.44	0
CO15474	CO15475	0.73	6 1-	4ACSR	0	0	1286	176	46	6	4	0.01	1.45	0
CO15472	CO15474	0.76	6 1-	4ACSR	0	0	1277	176	46	6	4	0.00	1.45	0
CO15473	CO15472	0.77	0 1-	4ACSR	0	0	1272	175	0	0	0	0.00	1.45	0
CO15477	CO15380	0.69	11 1-	4ACSR	0	0	1302	176	41	5	4	0.00	1.43	0
CO15476	CO15477	0.73	8 1-	4ACSR	0	0	1286	176	35	4	3	0.01	1.44	0
CO15481	CO15476	0.77	3 1-	4ACSR	0	0	1272	175	17	2	2	0.00	1.44	0
CO15480	CO15481	0.82	0 1-	4ACSR	0	0	1251	175	0	0	0	0.00	1.44	0
CO15479	CO15476	0.78	1 1-	4ACSR	0	0	1267	175	4	0	0	0.00	1.44	0
CO15478	CO15476	0.77	4 1-	4ACSR	0	0	1273	175	14	1	1	0.00	1.44	0
CO15382	CO15380	0.71	13 3-	4/0ACSR	1358	1343	1299	176	192	8	3	0.00	1.43	0
CO15384	CO15382	0.75	12 3-	4/0ACSR	1350	1334	1287	176	169	7	2	0.00	1.43	0
CO15383	CO15384	0.77	11 3-	4/0ACSR	1345	1328	1281	176	160	7	2	0.00	1.44	0
CO17244	CO15383	0.87	9 3-	4/0ACSR	1325	1306	1253	176	142	6	2	0.01	1.44	0
CO15958	CO17244	0.91	9 3-	4/0ACSR	1317	1297	1243	176	142	6	2	0.00	1.44	0
CO15961	CO15958	0.97	7 3-	4ACSR	1304	1281	1223	175	79	3	3	0.01	1.45	0
CO15962	CO15961	1.06	6 3-	4ACSR	1279	1252	1189	174	58	2	2	0.01	1.46	0
CO15876	CO15962	1.12	3 3-	2ACSR	1266	1238	1172	174	21	0	1	0.00	1.46	0
CO15963	CO15876	1.16	1 1-	4ACSR	0	0	1157	173	0	0	0	0.00	1.46	0
OC2055879493	CO15963	1.16	1 1-	20 N FUSE	0	0	1157	173	0	0	0	0.00	1.46	0
CO15964	OC2055879493	1.22	1 1-	4ACSR	0	0	1135	173	0	0	0	0.00	1.46	0
CO15965	CO15962	1.08	3 3-	4ACSR	1275	1248	1184	174	38	1	1	0.00	1.46	0
CO15894	CO15965	1.10	1 1-	4ACSR	0	0	1175	174	28	3	3	0.00	1.46	0
CO15966	CO15965	1.16	1 1-	4ACSR	0	0	1155	173	5	0	0	0.00	1.46	0
CO15959	CO15958	0.94	2 3-	4ACSR	1310	1289	1233	175	63	2	2	0.00	1.45	0
CO17183	CO15959	0.99	1 3-	4ACSR	1300	1276	1217	175	54	2	2	0.00	1.45	0
CO15960	CO15959	0.96	1 3-	4ACSR	1306	1283	1226	175	9	0	0	0.00	1.45	0
CO15241	CO15383	0.82	2 1-	4ACSR	0	0	1263	176	18	2	2	0.00	1.44	0
CO808551944	CO15379	0.58	0 3-	2ACSR	1385	1373	1336	177	0	0	0	0.00	1.41	0
CO1130590267	CO808551944	0.63	0 3-	2ACSR	1373	1359	1318	176	0	0	0	0.00	1.41	0
CO-697972288	CO1130590267	0.68	0 3-	2ACSR	1361	1346	1301	176	0	0	0	0.00	1.41	0
CO-640866507	CO-697972288	0.72	0 3-	2ACSR	1352	1336	1288	176	0	0	0	0.00	1.41	0
CO15470	CO15377	0.54	6 1-	4ACSR	0	0	1353	177	77	10	7	0.01	1.40	0
OC-1309509991	CO15470	0.54	5 1-	20 N FUSE	0	0	1353	177	62	8	42	0.00	1.40	0
CO15469	OC-1309509991	0.60	5 1-	4ACSR	0	0	1329	176	62	8	6	0.02	1.42	0
CO15471	CO15469	0.64	3 1-	4ACSR	0	0	1313	176	46	6	4	0.01	1.42	0
CO15467	OC33870724	0.44	6 3-	4ACSR	1417	1409	1383	177	440	19	14	0.02	1.39	11

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15466	CO15467	0.50	5 3-	4ACSR	1401	1390	1357	177	391	17	13	0.04	1.43	28
CO15500	CO15466	0.54	1 3-	2ACSR	1392	1380	1344	176	272	12	7	0.01	1.44	4
CO15499	CO15500	0.57	1 3-	2ACSR	1383	1370	1331	176	272	12	7	0.01	1.45	5
260765047	CO15499	0.57	1 3-	Consumer	1383	1370	1331	176	272	12	0	0.00	1.45	0
CO15468	CO15466	0.52	4 3-	4ACSR	1396	1385	1350	177	119	5	4	0.00	1.43	0
CO15181	CO15376	0.37	6 3-	4/0ACSR	1434	1428	1408	178	207	9	3	0.00	1.33	0
CO15245	CO15181	0.39	1 3-	1/0PRIURD	1433	1428	1405	449	105	4	3	0.00	1.33	0
OC1094632428	CO15245	0.39	0 3-	20 N FUSE	1433	1428	1405	449	0	0	0	0.00	1.33	0
CO15464	CO15181	0.39	5 3-	4ACSR	1430	1423	1401	178	102	4	3	0.00	1.33	0
CO15462	CO15464	0.41	4 3-	4ACSR	1423	1415	1390	177	42	1	1	0.00	1.34	0
CO15463	CO15462	0.45	2 3-	4ACSR	1412	1403	1373	177	24	1	1	0.00	1.34	0
CO17173	CO15463	0.54	1 3-	4ACSR	1388	1375	1337	176	18	0	1	0.00	1.34	0
CO15957	CO17173	0.58	0 3-	4ACSR	1376	1361	1319	175	0	0	0	0.00	1.34	0
CO15243	CO15376	0.35	1 3-	1/0PRIURD	1446	1439	1415	450	96	4	3	0.00	1.33	0
OC27806427	CO15243	0.35	0 3-	20 N FUSE	1446	1439	1415	450	0	0	0	0.00	1.33	0
CO15248	CO15374	0.20	1 1-	2ACSR	0	0	1464	178	21	2	2	0.00	1.26	0
OC929369398	CO15248	0.20	0 1-	20 N FUSE	0	0	1464	178	0	0	0	0.00	1.26	0
CO15179	AU37	0.19	85 3-	4/0ACSR	1476	1475	1471	178	1154	51	15	0.03	1.25	50
CO15183	CO15179	0.25	71 3-	4/0ACSR	1461	1458	1448	178	949	42	13	0.03	1.28	34
CO15242	CO15183	0.30	1 3-	4ACSR	1448	1444	1427	178	317	14	10	0.03	1.30	14
260765030	CO15242	0.30	1 3-	Consumer	1448	1444	1427	178	317	14	0	0.00	1.30	0
CO15485	CO15183	0.30	6 1-	4ACSR	0	0	1426	178	47	6	5	0.01	1.29	0
CO15484	CO15485	0.32	0 1-	4ACSR	0	0	1416	177	0	0	0	0.00	1.29	0
CO15385	CO15183	0.28	64 3-	4/0ACSR	1454	1451	1439	178	584	26	8	0.01	1.28	5
CO15386	CO15385	0.33	62 3-	4/0ACSR	1444	1439	1423	178	547	24	7	0.01	1.29	7
CO15390	CO15386	0.35	53 3-	4/0ACSR	1437	1432	1413	178	492	22	7	0.01	1.30	4
CO15389	CO15390	0.40	53 3-	4/0ACSR	1428	1421	1399	178	492	22	7	0.01	1.31	6
CO15387	CO15389	0.42	47 3-	4/0ACSR	1422	1415	1391	178	455	20	6	0.00	1.31	3
CO15388	CO15387	0.44	39 3-	4/0ACSR	1418	1410	1385	178	415	18	5	0.00	1.32	0
CO17172	CO15388	0.48	38 3-	4/0ACSR	1410	1401	1374	177	391	17	5	0.01	1.32	3
OC-289440322	CO17172	0.48	31 3-	20 N FUSE	1410	1401	1374	177	313	14	70	0.00	1.32	0
CO15875	OC-289440322	0.53	30 3-	4/0ACSR	1398	1388	1356	177	286	12	4	0.01	1.33	3
CO15945	CO15875	0.62	28 1-	4ACSR	0	0	1323	176	273	36	26	0.13	1.46	57
OC-923336956	CO15945	0.62	27 1-	10 N FUSE	0	0	1323	176	258	34	349	0.00	1.46	0
CO15946	OC-923336956	0.66	27 1-	4ACSR	0	0	1304	176	258	34	25	0.07	1.53	26
CO15941	CO15946	0.71	21 1-	4ACSR	0	0	1286	175	214	28	21	0.05	1.58	18
CO15942	CO15941	0.75	18 1-	4ACSR	0	0	1270	175	195	26	19	0.04	1.62	12
CO15943	CO15942	0.76	15 1-	4ACSR	0	0	1264	175	155	21	15	0.01	1.64	3
CO15944	CO15943	0.80	15 1-	4ACSR	0	0	1248	174	155	21	15	0.04	1.67	9
CO16019	CO15944	0.86	10 1-	4ACSR	0	0	1225	174	62	8	6	0.02	1.69	0
CO15893	CO16019	0.90	1 1-	4ACSR	0	0	1211	173	6	0	1	0.00	1.69	0
CO16020	CO16019	0.90	9 1-	4ACSR	0	0	1211	173	56	7	5	0.01	1.70	0
CO17182	CO16020	0.96	6 1-	4ACSR	0	0	1187	172	38	5	4	0.01	1.72	0
CO15261	CO17182	1.03	1 1-	1/0PRIURD	0	0	1168	412	1	0	0	0.00	1.72	0
CO15483	CO17182	0.99	5 1-	4ACSR	0	0	1174	172	37	5	4	0.00	1.72	0
CO15482	CO15483	1.02	0 1-	4ACSR	0	0	1163	172	0	0	0	0.00	1.72	0
CO15939	CO15944	0.85	3 1-	4ACSR	0	0	1228	174	68	9	7	0.02	1.69	0
CO15940	CO15939	0.88	2 1-	4ACSR	0	0	1216	173	45	6	4	0.00	1.69	0
CO15947	CO15875	0.54	2 1-	4ACSR	0	0	1352	177	14	1	1	0.00	1.33	0
OC1103329423	CO15947	0.54	2 1-	20 N FUSE	0	0	1352	177	14	1	9	0.00	1.33	0
CO15949	OC1103329423	0.61	2 1-	4ACSR	0	0	1325	176	14	1	1	0.01	1.33	0
CO15950	CO15949	0.71	2 1-	4ACSR	0	0	1284	175	14	1	1	0.01	1.34	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15951	CO15950	0.74	2 1-	4ACSR	0	0	1271	175	14	1	1	0.00	1.35	0
CO15952	CO15951	0.77	1 1-	4ACSR	0	0	1260	175	10	1	1	0.00	1.35	0
CO15953	CO15952	0.83	0 1-	4ACSR	0	0	1238	174	0	0	0	0.00	1.35	0
CO15954	CO15953	0.84	0 1-	4ACSR	0	0	1232	174	0	0	0	0.00	1.35	0
CO15948	OC1103329423	0.58	0 1-	1/0PRIURD	0	0	1343	443	0	0	0	0.00	1.33	0
CO15896	OC-289440322	0.51	1 3-	4ACSR	1402	1392	1361	177	27	1	1	0.00	1.32	0
CO15955	CO17172	0.67	6 1-	4ACSR	0	0	1293	175	61	8	6	0.07	1.39	7
CO17181	CO15955	0.72	6 1-	4ACSR	0	0	1275	175	61	8	6	0.01	1.40	0
CO15465	CO17181	0.75	0 1-	4ACSR	0	0	1261	174	0	0	0	0.00	1.40	0
CO15956	CO15955	0.72	0 1-	4ACSR	0	0	1272	175	0	0	0	0.00	1.39	0
CO15460	CO15179	0.22	13 3-	4ACSR	1468	1466	1457	178	142	6	5	0.01	1.26	0
CO15240	CO15460	0.24	1 3-	4ACSR	1462	1460	1448	178	14	0	0	0.00	1.26	0
CO15458	CO15460	0.26	11 3-	4ACSR	1458	1454	1440	178	116	5	4	0.01	1.27	0
CO15459	CO15458	0.29	10 3-	4ACSR	1447	1443	1424	177	111	4	4	0.01	1.27	0
CO15461	CO15459	0.36	6 1-	4ACSR	0	0	1393	176	51	6	5	0.01	1.29	0
CO17184	CO15461	0.39	3 1-	4ACSR	0	0	1379	176	19	2	2	0.00	1.29	0
SUB	5 total losses:	\$146,287												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 8 SHARKEY		1372			2778	2849	2878	355	12396					
CO2825+	SHARKEY	0.00	1372 3-	500 MCM ACSR 30	2777	2847	2876	355	12396	278	40	0.00	0.00	36
CO2826+	CO2825	0.01	1372 3-	500 MCM ACSR 30	2775	2845	2874	355	12396	278	40	0.00	0.01	36
CO2824+	CO2826	0.02	1 3-	500 MCM ACSR 30	2770	2838	2866	355	144	3	0	0.00	0.01	0
Ind Park+	CO2824	0.02	1 3-	WVE	2770	2838	2866	355	144	3	1	0.00	0.01	0
CO2416+	Ind Park	0.14	1 3-	500PRIURD	2777	2804	2811	892	144	3	1	0.00	0.01	0
CO2418+	CO2416	0.32	1 3-	500PRIURD	2787	2801	2735	884	144	3	1	0.00	0.01	0
CO-2129126233+	CO2418	0.41	1 1-	1/0PRIURD	0	0	2674	877	144	11	8	0.01	0.02	3
CO1602330975+	CO-2129126233	0.48	1 1-	1/0PRIURD	0	0	2648	871	144	11	8	0.00	0.03	0
CO2421+	CO2418	0.38	0 3-	500PRIURD	2791	2800	2707	881	0	0	0	0.00	0.01	0
CO2422+	CO2421	0.45	0 3-	500PRIURD	2795	2799	2679	878	0	0	0	0.00	0.01	0
CO2423+	CO2422	0.56	0 3-	500PRIURD	2801	2796	2633	872	0	0	0	0.00	0.01	0
CO2424+	CO2423	0.70	0 3-	500PRIURD	2809	2792	2576	866	0	0	0	0.00	0.01	0
CO2823+	CO2826	0.02	4 3-	500 MCM ACSR 30	2770	2838	2866	355	2461	55	8	0.00	0.01	5
Family Dollar+	CO2823	0.02	4 3-	WVE	2770	2838	2866	355	2461	55	10	0.00	0.01	0
CO2655+	Family Dollar	0.04	4 3-	1/0ACSR	2764	2828	2856	355	2461	55	24	0.01	0.01	24
CO2652+	CO2655	0.06	4 3-	1/0ACSR	2752	2810	2837	355	2461	55	24	0.01	0.03	43
CO2654+	CO2652	0.19	4 3-	1/0ACSR	2694	2721	2743	353	2461	55	24	0.06	0.09	220
CO2653+	CO2654	0.22	4 3-	1/0ACSR	2676	2697	2715	353	2460	55	24	0.02	0.10	69
CO2815+	CO2653	0.38	1 3-	1/0PRIURD	2664	2663	2624	869	2022	45	30	0.05	0.16	182
390437020+	CO2815	0.38	1 3-	Consumer	2664	2663	2624	869	2021	45	0	0.00	0.16	0
CO2489+	CO2653	0.33	2 1-	2ACSR	0	0	2632	351	398	26	15	0.02	0.13	9
CO2425+	CO2653	0.39	1 3-	1/0PRIURD	2663	2660	2617	868	40	0	1	0.00	0.11	0
CO2414+	CO2425	0.53	1 3-	500PRIURD	2670	2655	2560	862	40	0	0	0.00	0.11	0
CO2814+	CO2414	0.68	1 1-	1/0PRIURD	0	0	2476	851	40	2	2	0.00	0.11	0
CO507530292+	CO2414	0.54	0 1-	1/0PRIURD	0	0	2557	861	0	0	0	0.00	0.11	0
CO2822+	CO2826	0.02	486 3-	500 MCM ACSR 30	2771	2840	2868	355	3928	88	13	0.00	0.01	11
801-Farmers+	CO2822	0.02	486 3-	200 120WVE	2771	2840	2868	355	3928	88	0	0.00	0.01	0
CO2656+	801-Farmers	0.04	486 3-	336ACSR	2765	2831	2858	355	3928	88	17	0.00	0.01	23
CO2658+	CO2656	0.06	486 3-	336ACSR	2758	2820	2846	355	3928	88	17	0.01	0.02	29
CO2657+	CO2658	0.09	486 3-	336ACSR	2748	2805	2830	355	3928	88	17	0.01	0.03	40
CO2813+	CO2657	0.25	484 3-	336ACSR	2690	2719	2735	354	3844	86	17	0.05	0.08	228
CO2812+	CO2813	0.35	484 3-	336ACSR	2658	2674	2685	354	3843	86	17	0.03	0.11	128
CO2647+	CO2812	0.54	484 3-	336ACSR	2596	2595	2588	353	3842	86	17	0.06	0.16	260
CO2808+	CO2647	0.76	484 3-	336ACSR	2530	2519	2489	352	3841	86	17	0.06	0.23	285
CO2807+	CO2808	0.84	483 3-	336ACSR	2506	2490	2452	352	3837	86	17	0.02	0.25	112
CO2845+	CO2807	0.85	0 3-	1/0ACSR	2503	2487	2448	352	0	0	0	0.00	0.25	0
CO2844+	CO2845	0.85	0 3-	1/0ACSR	2500	2484	2444	351	0	0	0	0.00	0.25	0
SW75-A+	CO2844	0.85	0 3-	Open	2500	2484	2444	351	0	0	0	0.00	0.25	0
CO2579+	CO2807	0.88	483 3-	1/0ACSR	2491	2473	2431	351	3837	86	38	0.03	0.28	158
CO2577+	CO2579	0.89	482 3-	1/0ACSR	2485	2467	2422	351	3833	86	38	0.01	0.29	62
CO2578+	CO2577	0.97	478 3-	1/0ACSR	2454	2432	2377	350	3819	86	38	0.06	0.35	339
CO2789+	CO2578	1.01	3 3-	2ACSR	2439	2415	2355	350	9	0	0	0.00	0.35	0
CO2788+	CO2789	1.08	1 3-	2ACSR	2407	2379	2310	348	0	0	0	0.00	0.35	0
CO2787+	CO2788	1.17	1 3-	2ACSR	2372	2338	2259	347	0	0	0	0.00	0.35	0
CO2782+	CO2788	1.18	0 1-	2ACSR	0	0	2255	347	0	0	0	0.00	0.35	0
CO2498+	CO2578	1.10	475 3-	1/0ACSR	2402	2373	2303	349	3808	86	38	0.10	0.45	579
CO2499+	CO2498	1.12	475 3-	1/0ACSR	2395	2366	2295	349	3806	86	38	0.01	0.47	71
CO2855+	CO2499	1.19	475 3-	1/0ACSR	2367	2335	2256	348	3805	86	38	0.06	0.52	316

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2668+	CO2855	1.33	3 1-	4ACSR	0	0	2168	345	17	1	1	0.00	0.52	0
CO2665+	CO2668	1.40	2 1-	4ACSR	0	0	2126	343	11	0	1	0.00	0.53	0
CO2667+	CO2665	1.45	1 1-	4ACSR	0	0	2095	342	6	0	0	0.00	0.53	0
CO2666+	CO2667	1.50	1 1-	4ACSR	0	0	2066	341	6	0	0	0.00	0.53	0
CO2384+	CO2855	1.23	470 3-	1/0ACSR	2355	2321	2238	347	3780	85	37	0.03	0.55	145
CO2840+	CO2384	1.27	1 1-	4ACSR	0	0	2215	347	6	0	0	0.00	0.55	0
OC78+	CO2840	1.27	1 1-	10 N FUSE	0	0	2215	347	6	0	4	0.00	0.55	0
CO2841+	OC78	1.28	1 1-	4ACSR	0	0	2208	346	6	0	0	0.00	0.55	0
CO2502+	CO2841	1.47	0 1-	4ACSR	0	0	2092	342	0	0	0	0.00	0.55	0
CO2503+	CO2502	1.57	0 1-	4ACSR	0	0	2031	340	0	0	0	0.00	0.55	0
CO2504+	CO2503	1.63	0 1-	4ACSR	0	0	1998	339	0	0	0	0.00	0.55	0
CO2851+	CO2504	1.70	0 1-	4ACSR	0	0	1957	337	0	0	0	0.00	0.55	0
CO2852+	CO2851	1.77	0 1-	4ACSR	0	0	1921	336	0	0	0	0.00	0.55	0
CO2664+	CO2852	1.88	0 1-	4ACSR	0	0	1860	333	0	0	0	0.00	0.55	0
CO2383+	CO2384	1.30	469 3-	1/0ACSR	2330	2293	2205	347	3773	85	37	0.05	0.60	277
CO2497+	CO2383	1.42	464 3-	1/0ACSR	2286	2244	2146	345	3760	85	37	0.09	0.69	508
CO2496+	CO2497	1.59	462 3-	1/0ACSR	2228	2179	2069	344	3748	85	37	0.13	0.81	698
CO8213+	CO2496	1.76	462 3-	1/0ACSR	2170	2115	1995	342	3745	85	37	0.13	0.94	713
CO1837+	CO8213	1.81	2 1-	4ACSR	0	0	1969	341	0	0	0	0.00	0.94	0
CO1838+	CO1837	1.84	0 1-	4ACSR	0	0	1951	340	0	0	0	0.00	0.94	0
CO1728+	CO1837	1.86	2 1-	4ACSR	0	0	1938	340	0	0	0	0.00	0.94	0
CO1988+	CO1728	1.88	2 1-	4ACSR	0	0	1929	339	0	0	0	0.00	0.94	0
CO8384+	CO1988	1.92	2 1-	4ACSR	0	0	1909	338	0	0	0	0.00	0.94	0
CO1729+	CO8213	1.83	460 3-	1/0ACSR	2145	2087	1964	341	3741	85	37	0.06	1.00	312
CO1991+	CO1729	1.96	460 3-	1/0ACSR	2105	2043	1914	340	3740	85	37	0.09	1.09	525
CO1989+	CO1991	2.16	448 3-	1/0ACSR	2043	1975	1838	338	3586	81	35	0.14	1.23	766
CO-1034761606+	CO1989	2.24	0 1-	2ACSR	0	0	1804	336	0	0	0	0.00	1.23	0
CO1672+	CO1989	2.20	448 3-	1/0ACSR	2032	1963	1825	337	3583	81	35	0.03	1.26	144
CO1995+	CO1672	2.25	448 3-	1/0ACSR	2015	1944	1804	337	3582	81	35	0.04	1.30	221
CO1994+	CO1995	2.33	447 3-	1/0ACSR	1992	1919	1776	336	3581	81	35	0.06	1.36	309
CO1740+	CO1994	2.36	447 3-	1/0ACSR	1985	1912	1769	336	3579	81	35	0.02	1.38	86
CO1834+	CO1740	2.41	4 1-	4ACSR	0	0	1744	334	41	2	2	0.00	1.38	0
CO1833+	CO1834	2.44	2 1-	4ACSR	0	0	1731	334	16	1	1	0.00	1.38	0
CO1527+	CO1740	2.43	443 3-	1/0ACSR	1964	1888	1744	335	3538	80	35	0.05	1.43	283
CO2019+	CO1527	2.44	225 3-	1/0ACSR	1962	1886	1741	335	1872	42	19	0.00	1.43	7
OC64+	CO2019	2.44	225 3-	100 E OCR	1962	1886	1741	335	1872	42	43	0.00	1.43	0
CO2020+	OC64	2.48	225 3-	1/0ACSR	1951	1875	1729	334	1872	42	19	0.01	1.45	39
CO1911+	CO2020	2.58	225 3-	1/0ACSR	1922	1843	1695	333	1872	42	19	0.04	1.49	112
CO1912+	CO1911	2.61	225 3-	1/0ACSR	1914	1835	1686	333	1872	42	19	0.01	1.50	30
CO1565+	CO1912	2.65	1 1-	4ACSR	0	0	1670	332	57	3	3	0.00	1.50	0
CO1519+	CO1912	2.65	224 3-	1/0ACSR	1904	1824	1674	333	1814	41	18	0.01	1.51	37
CO1554+	CO1519	2.66	1 3-	2ACSR	1900	1820	1671	333	132	3	2	0.00	1.51	0
CO1555+	CO1554	2.70	1 3-	1/0PRIURD	1898	1815	1661	742	132	3	2	0.00	1.51	0
CO1818+	CO1519	2.69	2 1-	4ACSR	0	0	1659	332	18	1	1	0.00	1.51	0
CO1819+	CO1818	2.73	1 1-	4ACSR	0	0	1644	331	13	0	1	0.00	1.51	0
CO1518+	CO1519	2.78	221 3-	1/0ACSR	1870	1787	1636	331	1664	37	16	0.04	1.55	106
CO1767+	CO1518	2.79	208 3-	1/0ACSR	1867	1784	1632	331	1560	35	15	0.00	1.56	9
CO1766+	CO1767	2.85	208 3-	1/0ACSR	1852	1769	1616	331	1560	35	15	0.02	1.57	40
CO1534+	CO1766	2.93	207 3-	1/0ACSR	1832	1747	1593	330	1550	35	15	0.03	1.60	59
CO2007+	CO1534	2.94	24 1-	4ACSR	0	0	1590	330	214	14	10	0.00	1.60	0
OC56+	CO2007	2.94	24 1-	25 H OCR	0	0	1590	330	214	14	58	0.00	1.60	0
CO2008+	OC56	3.04	24 1-	4ACSR	0	0	1551	328	214	14	10	0.03	1.63	11

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1996+	CO2008	3.12	23 1-	4ACSR	0	0	1523	326	196	13	10	0.02	1.65	7
CO1562+	CO1996	3.18	1 1-	4ACSR	0	0	1503	325	6	0	0	0.00	1.66	0
CO1517+	CO1996	3.29	21 1-	4ACSR	0	0	1464	323	180	12	9	0.05	1.70	14
CO1754+	CO1517	3.48	13 1-	4ACSR	0	0	1402	319	91	6	4	0.03	1.73	4
CO1753+	CO1754	3.54	13 1-	4ACSR	0	0	1384	318	91	6	4	0.01	1.73	0
CO1685+	CO1753	3.60	7 1-	4ACSR	0	0	1364	317	37	2	2	0.00	1.74	0
CO1918+	CO1685	3.65	5 1-	4ACSR	0	0	1349	316	28	1	1	0.00	1.74	0
CO1641+	CO1918	4.20	4 1-	1/0PRIURD	0	0	1250	636	17	1	1	0.00	1.74	0
CO1919+	CO1918	3.69	1 1-	4ACSR	0	0	1338	315	11	0	1	0.00	1.74	0
CO1814+	CO1753	3.64	2 1-	4ACSR	0	0	1352	316	9	0	0	0.00	1.73	0
CO1815+	CO1814	3.70	2 1-	4ACSR	0	0	1335	315	9	0	0	0.00	1.74	0
CO1920+	CO1753	3.60	3 1-	4ACSR	0	0	1363	317	30	2	1	0.00	1.74	0
CO1922+	CO1920	3.68	3 1-	4ACSR	0	0	1341	315	30	2	1	0.00	1.74	0
CO1921+	CO1922	3.76	1 1-	4ACSR	0	0	1316	314	11	0	1	0.00	1.74	0
CO1923+	CO1921	3.79	0 1-	4ACSR	0	0	1307	313	0	0	0	0.00	1.74	0
CO1924+	CO1923	3.87	0 1-	4ACSR	0	0	1286	312	0	0	0	0.00	1.74	0
CO1564+	CO1517	3.41	2 1-	1/0PRIURD	0	0	1441	686	9	0	0	0.00	1.70	0
CO1563+	CO1517	3.33	1 1-	1/0PRIURD	0	0	1456	690	25	1	1	0.00	1.70	0
CO1653+	CO1517	3.31	5 1-	4ACSR	0	0	1456	322	54	3	3	0.00	1.70	0
CO1720+	CO1653	3.37	4 1-	4ACSR	0	0	1437	321	46	3	2	0.00	1.71	0
CO1977+	CO1720	3.38	3 1-	4ACSR	0	0	1432	321	32	2	2	0.00	1.71	0
CO1973+	CO1977	3.43	3 1-	4ACSR	0	0	1417	320	32	2	2	0.00	1.71	0
CO1976+	CO1973	3.49	2 1-	4ACSR	0	0	1398	319	26	1	1	0.00	1.71	0
CO1974+	CO1976	3.54	2 1-	4ACSR	0	0	1381	318	26	1	1	0.00	1.71	0
CO1975+	CO1974	3.57	2 1-	4ACSR	0	0	1372	317	26	1	1	0.00	1.71	0
CO1654+	CO1653	3.38	1 1-	4ACSR	0	0	1432	321	8	0	0	0.00	1.70	0
CO1588+	CO1654	3.43	1 1-	1/0PRIURD	0	0	1424	681	8	0	0	0.00	1.70	0
CO1755+	CO1534	3.01	180 3-	1/0ACSR	1812	1725	1571	329	1307	29	13	0.02	1.62	41
CO1756+	CO1755	3.05	180 3-	1/0ACSR	1802	1716	1561	329	1307	29	13	0.01	1.63	19
CO1741+	CO1756	3.18	178 3-	1/0ACSR	1771	1682	1526	327	1300	29	13	0.03	1.66	67
CO1742+	CO1741	3.21	177 3-	1/0ACSR	1764	1675	1519	327	1292	29	13	0.01	1.67	13
CO1940+	CO1742	3.28	176 3-	1/0ACSR	1748	1658	1502	327	1291	29	13	0.02	1.69	34
CO1939+	CO1940	3.29	175 3-	1/0ACSR	1744	1654	1497	326	1283	29	13	0.00	1.69	8
CO1643+	CO1939	3.39	10 1-	1/0PRIURD	0	0	1479	703	103	6	5	0.01	1.70	0
CO1644+	CO1643	3.42	8 1-	1/0PRIURD	0	0	1473	702	85	5	4	0.00	1.70	0
CO1645+	CO1644	3.46	8 1-	1/0PRIURD	0	0	1466	699	85	5	4	0.00	1.70	0
CO1646+	CO1645	3.51	5 1-	1/0PRIURD	0	0	1457	697	48	3	2	0.00	1.71	0
CO1647+	CO1646	3.60	5 1-	1/0PRIURD	0	0	1441	692	48	3	2	0.00	1.71	0
CO1648+	CO1647	3.77	1 1-	1/0PRIURD	0	0	1409	683	12	0	1	0.00	1.71	0
CO1625+	CO1645	3.53	1 1-	1/0PRIURD	0	0	1450	696	16	1	1	0.00	1.70	0
CO1629+	CO1643	3.46	1 1-	1/0PRIURD	0	0	1465	700	9	0	0	0.00	1.70	0
CO1937+	CO1939	3.31	164 3-	1/0ACSR	1740	1649	1492	326	1179	26	12	0.00	1.70	9
CO1938+	CO1937	3.33	164 3-	1/0ACSR	1736	1646	1489	326	1179	26	12	0.00	1.70	6
CO1693+	CO1938	3.45	162 3-	1/0ACSR	1710	1618	1460	325	1171	26	12	0.03	1.73	49
CO2013+	CO1693	3.45	53 1-	4ACSR	0	0	1458	325	477	32	23	0.00	1.73	4
OC59+	CO2013	3.45	53 1-	10 N FUSE	0	0	1458	325	477	32	328	0.00	1.73	0
CO2014+	OC59	3.49	53 1-	4ACSR	0	0	1445	324	477	32	23	0.03	1.76	23
CO1752+	CO2014	3.53	53 1-	4ACSR	0	0	1433	323	477	32	23	0.03	1.79	22
CO1750+	CO1752	3.56	33 1-	4ACSR	0	0	1424	323	344	23	17	0.02	1.81	8
CO1751+	CO1750	3.59	33 1-	4ACSR	0	0	1415	322	344	23	17	0.02	1.82	9
CO1691+	CO1751	3.63	21 1-	4ACSR	0	0	1403	321	184	12	9	0.01	1.83	3
CO1723+	CO1691	3.69	20 1-	4ACSR	0	0	1382	320	171	11	8	0.02	1.85	5

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1981+	CO1723	3.74	17 1-	4ACSR	0	0	1367	319	160	11	8	0.01	1.86	3
CO1982+	CO1981	3.76	15 1-	4ACSR	0	0	1363	319	141	9	7	0.00	1.87	0
CO1983+	CO1982	3.83	13 1-	4ACSR	0	0	1341	317	122	8	6	0.01	1.88	3
CO1882+	CO1983	3.88	7 1-	4ACSR	0	0	1326	316	84	5	4	0.01	1.89	0
CO1887+	CO1882	3.91	6 1-	4ACSR	0	0	1319	316	78	5	4	0.00	1.89	0
CO1884+	CO1887	3.94	5 1-	4ACSR	0	0	1310	315	66	4	3	0.00	1.89	0
CO1886+	CO1884	4.03	2 1-	4ACSR	0	0	1286	314	37	2	2	0.00	1.90	0
CO1885+	CO1886	4.12	2 1-	4ACSR	0	0	1261	312	37	2	2	0.01	1.90	0
CO1888+	CO1885	4.15	1 1-	4ACSR	0	0	1254	311	5	0	0	0.00	1.90	0
CO1590+	CO1885	4.18	1 1-	4ACSR	0	0	1247	311	32	2	2	0.00	1.90	0
CO1883+	CO1882	3.96	1 1-	4ACSR	0	0	1305	315	6	0	0	0.00	1.89	0
CO1947+	CO1983	3.88	5 1-	4ACSR	0	0	1327	316	26	1	1	0.00	1.88	0
CO1948+	CO1947	3.93	3 1-	4ACSR	0	0	1312	315	20	1	1	0.00	1.88	0
CO1949+	CO1948	3.99	2 1-	4ACSR	0	0	1295	314	7	0	0	0.00	1.88	0
CO1950+	CO1949	4.03	1 1-	4ACSR	0	0	1285	314	5	0	0	0.00	1.88	0
CO1624+	CO1981	3.76	2 1-	2ACSR	0	0	1363	319	19	1	1	0.00	1.86	0
CO1671+	CO1751	3.62	10 1-	4ACSR	0	0	1406	321	128	8	6	0.01	1.83	0
CO1926+	CO1671	3.64	9 1-	4ACSR	0	0	1397	321	113	7	6	0.00	1.83	0
CO1813+	CO1926	3.69	5 1-	4ACSR	0	0	1383	320	74	5	4	0.00	1.84	0
CO1812+	CO1813	3.75	4 1-	4ACSR	0	0	1366	319	60	4	3	0.01	1.84	0
CO1561+	CO1812	3.77	2 1-	4ACSR	0	0	1360	319	38	2	2	0.00	1.84	0
CO1811+	CO1812	3.80	2 1-	4ACSR	0	0	1352	318	22	1	1	0.00	1.84	0
CO1810+	CO1811	3.86	1 1-	4ACSR	0	0	1332	317	17	1	1	0.00	1.84	0
CO1927+	CO1926	3.70	3 1-	4ACSR	0	0	1379	320	29	2	1	0.00	1.83	0
CO1689+	CO1927	3.74	2 1-	4ACSR	0	0	1369	319	18	1	1	0.00	1.83	0
CO1690+	CO1689	3.77	1 1-	4ACSR	0	0	1360	319	4	0	0	0.00	1.83	0
CO1633+	CO1751	3.61	2 1-	2ACSR	0	0	1409	322	31	2	1	0.00	1.82	0
CO1692+	CO1752	3.57	16 1-	4ACSR	0	0	1419	322	112	7	5	0.01	1.80	0
CO1929+	CO1692	3.63	12 1-	4ACSR	0	0	1403	321	79	5	4	0.01	1.80	0
CO1928+	CO1929	3.65	12 1-	4ACSR	0	0	1394	321	79	5	4	0.00	1.81	0
CO1936+	CO1928	3.68	8 1-	4ACSR	0	0	1386	320	66	4	3	0.00	1.81	0
CO1935+	CO1936	3.72	6 1-	4ACSR	0	0	1375	320	64	4	3	0.00	1.81	0
CO1931+	CO1935	3.74	5 1-	4ACSR	0	0	1367	319	52	3	3	0.00	1.82	0
CO1930+	CO1931	3.79	3 1-	4ACSR	0	0	1352	318	48	3	2	0.00	1.82	0
CO1639+	CO1930	3.92	1 1-	2ACSR	0	0	1323	316	17	1	1	0.00	1.82	0
CO1934+	CO1930	3.83	2 1-	4ACSR	0	0	1343	317	31	2	2	0.00	1.82	0
CO1932+	CO1934	3.87	1 1-	4ACSR	0	0	1330	317	25	1	1	0.00	1.82	0
CO1933+	CO1932	3.90	1 1-	4ACSR	0	0	1322	316	25	1	1	0.00	1.82	0
CO1636+	CO1935	3.77	1 1-	4ACSR	0	0	1361	319	12	0	1	0.00	1.81	0
CO1687+	CO1752	3.58	4 1-	4ACSR	0	0	1417	322	21	1	1	0.00	1.79	0
CO1688+	CO1687	3.64	2 1-	4ACSR	0	0	1397	321	6	0	0	0.00	1.79	0
CO1516+	CO1693	3.50	109 3-	1/0ACSR	1698	1606	1448	324	694	15	7	0.01	1.73	7
CO1557+	CO1516	3.59	1 1-	4ACSR	0	0	1418	322	5	0	0	0.00	1.73	0
CO1515+	CO1516	3.59	106 3-	1/0ACSR	1677	1584	1426	323	684	15	7	0.01	1.75	13
CO1748+	CO1515	3.61	104 3-	1/0ACSR	1673	1580	1422	323	677	15	7	0.00	1.75	3
CO1749+	CO1748	3.68	104 3-	1/0ACSR	1659	1565	1407	323	677	15	7	0.01	1.76	9
OC549026638+	CO1749	3.68	0 3-	NoDevice	1659	1565	1407	323	0	0	0	0.00	1.76	0
CO1686+	CO1749	3.76	99 1-	4ACSR	0	0	1382	321	631	43	31	0.08	1.84	82
CO1978+	CO1686	3.77	99 1-	4ACSR	0	0	1378	321	631	43	31	0.01	1.85	13
CO1721+	CO1978	3.83	99 1-	4ACSR	0	0	1362	320	631	43	31	0.06	1.91	56
CO1925+	CO1721	3.99	97 1-	4ACSR	0	0	1316	317	616	42	30	0.15	2.06	151
CO1560+	CO1925	4.03	0 1-	4ACSR	0	0	1305	316	0	0	0	0.00	2.06	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1559+	CO1925	4.02	1 1-	4ACSR	0	0	1306	316	5	0	0	0.00	2.06	0
CO1549+	CO1925	4.00	45 1-	2ACSR	0	0	1313	316	263	18	10	0.00	2.06	0
CO1649+	CO1549	4.03	45 1-	1/0PRIURD	0	0	1309	658	263	18	12	0.00	2.07	0
CO1666+	CO1649	4.08	30 1-	1/0PRIURD	0	0	1299	656	199	13	9	0.01	2.08	2
CO1667+	CO1666	4.13	23 1-	1/0PRIURD	0	0	1291	654	151	10	7	0.01	2.08	0
CO1668+	CO1667	4.15	4 1-	1/0PRIURD	0	0	1286	653	23	1	1	0.00	2.08	0
CO1663+	CO1667	4.15	8 1-	1/0PRIURD	0	0	1287	653	55	3	3	0.00	2.08	0
CO1664+	CO1663	4.17	4 1-	1/0PRIURD	0	0	1282	652	27	1	1	0.00	2.08	0
CO1657+	CO1667	4.13	11 1-	1/0PRIURD	0	0	1290	653	73	5	3	0.00	2.08	0
CO1659+	CO1657	4.15	9 1-	1/0PRIURD	0	0	1286	653	59	4	3	0.00	2.08	0
CO1660+	CO1659	4.18	5 1-	1/0PRIURD	0	0	1282	651	36	2	2	0.00	2.08	0
CO1665+	CO1666	4.10	5 1-	1/0PRIURD	0	0	1295	655	35	2	2	0.00	2.08	0
CO1669+	CO1665	4.11	5 1-	1/0PRIURD	0	0	1294	655	35	2	2	0.00	2.08	0
CO1670+	CO1669	4.12	2 1-	1/0PRIURD	0	0	1292	654	14	0	1	0.00	2.08	0
CO1628+	CO1669	4.14	3 1-	1/0PRIURD	0	0	1289	653	21	1	1	0.00	2.08	0
CO1658+	CO1666	4.09	2 1-	1/0PRIURD	0	0	1298	656	13	0	1	0.00	2.08	0
CO1661+	CO1658	4.11	0 1-	1/0PRIURD	0	0	1294	655	0	0	0	0.00	2.08	0
CO1662+	CO1661	4.12	0 1-	1/0PRIURD	0	0	1291	654	0	0	0	0.00	2.08	0
CO8207+	CO1925	4.06	49 1-	4ACSR	0	0	1295	315	338	23	17	0.04	2.10	22
CO1228+	CO8207	4.10	13 1-	4ACSR	0	0	1285	314	65	4	3	0.00	2.10	0
CO1229+	CO1228	4.14	13 1-	4ACSR	0	0	1275	314	65	4	3	0.00	2.11	0
CO1230+	CO1229	4.20	6 1-	4ACSR	0	0	1260	313	28	1	1	0.00	2.11	0
CO8209+	CO1230	4.27	4 1-	4ACSR	0	0	1240	311	23	1	1	0.00	2.11	0
CO1556+	CO8209	4.29	2 1-	4ACSR	0	0	1235	311	12	0	1	0.00	2.11	0
CO1808+	CO8209	4.31	2 1-	4ACSR	0	0	1231	311	11	0	1	0.00	2.11	0
CO1809+	CO1808	4.40	1 1-	4ACSR	0	0	1208	309	3	0	0	0.00	2.11	0
CO1231+	CO1230	4.23	1 1-	4ACSR	0	0	1252	312	1	0	0	0.00	2.11	0
CO1189+	CO1229	4.20	5 1-	4ACSR	0	0	1259	313	21	1	1	0.00	2.11	0
CO1706028008+	CO1189	4.32	2 1-	2ACSR	0	0	1234	311	2	0	0	0.00	2.11	0
CO1226+	CO8207	4.18	36 1-	4ACSR	0	0	1265	313	274	18	13	0.05	2.15	22
CO1227+	CO1226	4.22	36 1-	4ACSR	0	0	1253	312	274	18	13	0.02	2.17	9
CO1224+	CO1227	4.28	35 1-	4ACSR	0	0	1238	311	261	18	13	0.02	2.19	9
CO1225+	CO1224	4.36	34 1-	4ACSR	0	0	1219	310	236	16	12	0.03	2.22	11
CO1222+	CO1225	4.39	34 1-	4ACSR	0	0	1210	309	236	16	12	0.01	2.23	5
CO1223+	CO1222	4.43	34 1-	4ACSR	0	0	1201	308	236	16	12	0.01	2.25	5
CO1188+	CO1223	4.47	1 1-	4ACSR	0	0	1192	308	12	0	1	0.00	2.25	0
CO1175+	CO1223	4.51	33 1-	4ACSR	0	0	1183	307	224	15	11	0.03	2.27	10
CO1217+	CO1175	4.56	9 1-	4ACSR	0	0	1169	306	53	3	3	0.00	2.28	0
CO1220+	CO1217	4.62	5 1-	4ACSR	0	0	1156	305	28	1	1	0.00	2.28	0
CO1221+	CO1220	4.69	4 1-	4ACSR	0	0	1141	304	27	1	1	0.00	2.28	0
CO1219+	CO1221	4.74	3 1-	4ACSR	0	0	1129	303	18	1	1	0.00	2.28	0
CO408568752+	CO1219	4.79	2 1-	2ACSR	0	0	1121	302	9	0	0	0.00	2.28	0
CO2117663205+	CO408568752	4.82	2 1-	2ACSR	0	0	1116	302	9	0	0	0.00	2.28	0
CO-1547887382+	CO2117663205	4.89	2 1-	1/0PRIURD	0	0	1106	594	9	0	0	0.00	2.29	0
CO641342839+	CO-1547887382	4.91	2 1-	1/0PRIURD	0	0	1104	593	9	0	0	0.00	2.29	0
CO770808811+	CO641342839	4.99	2 1-	1/0PRIURD	0	0	1092	590	9	0	0	0.00	2.29	0
CO1402275495+	CO408568752	4.87	0 1-	2ACSR	0	0	1107	301	0	0	0	0.00	2.28	0
CO1194+	CO1220	4.64	1 1-	4ACSR	0	0	1151	305	1	0	0	0.00	2.28	0
CO1218+	CO1217	4.62	3 1-	4ACSR	0	0	1156	305	14	0	1	0.00	2.28	0
XFMR182	CO1175	4.51	24 1-	333 KVA 1PH AUT	0	0	905	171	171	11	51	0.47	2.74	0
CO1174	XFMR182	4.58	24 1-	4ACSR	0	0	889	170	171	23	17	0.08	2.83	23
CO1176	CO1174	4.83	22 1-	4ACSR	0	0	838	167	166	22	16	0.26	3.08	70

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO1255	CO1176	4.84	20 1-	4ACSR	0	0	837	167	153	21	15	0.01	3.09	0
OC41	CO1255	4.84	20 1-	25 L OCR	0	0	837	167	153	21	85	0.00	3.09	0
CO1256	OC41	4.91	20 1-	4ACSR	0	0	822	167	153	21	15	0.07	3.16	18
CO1234	CO1256	4.94	20 1-	4ACSR	0	0	815	166	153	21	15	0.04	3.20	9
CO1235	CO1234	4.98	20 1-	4ACSR	0	0	808	166	153	21	15	0.03	3.23	9
CO1232	CO1235	5.01	20 1-	4ACSR	0	0	802	165	153	21	15	0.03	3.26	8
CO1233	CO1232	5.07	20 1-	4ACSR	0	0	791	165	153	21	15	0.06	3.32	15
CO1236	CO1233	5.30	3 1-	4ACSR	0	0	749	162	23	3	2	0.03	3.36	0
CO-1347062325	CO1236	5.34	1 1-	4ACSR	0	0	742	162	13	1	1	0.00	3.36	0
CO1237	CO1236	5.43	1 1-	4ACSR	0	0	727	161	10	1	1	0.00	3.36	0
CO8210	CO1237	5.72	0 1-	4ACSR	0	0	682	158	0	0	0	0.00	3.36	0
CO1747	CO8210	5.78	0 1-	4ACSR	0	0	673	158	0	0	0	0.00	3.36	0
CO1177	CO1233	5.28	17 1-	4ACSR	0	0	753	163	130	18	13	0.17	3.50	36
CO1192	CO1177	5.36	1 1-	4ACSR	0	0	740	162	13	1	1	0.00	3.50	0
CO1178	CO1177	5.38	16 1-	4ACSR	0	0	736	162	117	16	12	0.07	3.56	13
CO1191	CO1178	5.47	1 1-	4ACSR	0	0	721	161	11	1	1	0.00	3.57	0
CO1179	CO1178	5.45	14 1-	4ACSR	0	0	724	161	97	13	10	0.05	3.61	7
CO1238	CO1179	5.62	13 1-	4ACSR	0	0	697	159	78	10	8	0.07	3.68	9
CO1239	CO1238	5.64	12 1-	4ACSR	0	0	693	159	63	8	6	0.01	3.69	0
CO1180	CO1239	5.76	12 1-	4ACSR	0	0	676	158	63	8	6	0.05	3.74	5
CO1240	CO1180	5.85	11 1-	4ACSR	0	0	662	157	63	8	6	0.04	3.78	4
CO1241	CO1240	6.06	10 1-	4ACSR	0	0	633	155	58	8	6	0.08	3.85	7
CO1242	CO1241	6.14	10 1-	4ACSR	0	0	622	155	58	8	6	0.03	3.88	2
CO1243	CO1242	6.31	4 1-	4ACSR	0	0	601	153	24	3	2	0.03	3.90	0
CO1244	CO1243	6.61	4 1-	4ACSR	0	0	565	150	24	3	2	0.05	3.95	0
CO8211	CO1244	6.78	4 1-	4ACSR	0	0	546	149	24	3	2	0.02	3.97	0
CO1704	CO8211	6.90	3 1-	4ACSR	0	0	534	148	17	2	2	0.01	3.98	0
CO1962	CO1704	6.93	2 1-	4ACSR	0	0	531	148	12	1	1	0.00	3.99	0
CO1961	CO1962	7.31	1 1-	4ACSR	0	0	495	145	2	0	0	0.01	3.99	0
CO1876	CO1961	7.41	0 1-	4ACSR	0	0	486	144	0	0	0	0.00	3.99	0
CO2028	CO1876	7.46	0 1-	4ACSR	0	0	482	143	0	0	0	0.00	3.99	0
CO1609	CO1961	7.53	1 1-	4ACSR	0	0	475	143	2	0	0	0.00	3.99	0
CO1181	CO1242	6.28	5 1-	4ACSR	0	0	604	153	24	3	2	0.02	3.90	0
CO1247	CO1181	6.39	4 1-	4ACSR	0	0	590	152	24	3	2	0.01	3.91	0
CO1248	CO1247	6.50	3 1-	4ACSR	0	0	578	151	14	1	1	0.01	3.92	0
CO1249	CO1248	6.55	2 1-	4ACSR	0	0	571	151	14	1	1	0.00	3.93	0
CO1245	CO1181	6.37	1 1-	4ACSR	0	0	592	152	0	0	0	0.00	3.90	0
CO1246	CO1245	6.45	1 1-	4ACSR	0	0	583	152	0	0	0	0.00	3.90	0
CO8230	CO1246	6.64	1 1-	4ACSR	0	0	562	150	0	0	0	0.00	3.90	0
CO1195	CO1180	5.83	1 1-	4ACSR	0	0	665	157	0	0	0	0.00	3.74	0
CO1196	CO1195	5.91	1 1-	1/0PRIURD	0	0	658	326	0	0	0	0.00	3.74	0
CO1190	CO1179	5.50	1 1-	4ACSR	0	0	716	161	19	2	2	0.00	3.61	0
CO1193	CO1176	4.89	2 1-	4ACSR	0	0	827	167	12	1	1	0.00	3.09	0
CO1173	CO1174	4.69	2 1-	4ACSR	0	0	866	169	6	0	1	0.00	2.83	0
CO1253	CO1173	4.89	0 1-	4ACSR	0	0	827	167	0	0	0	0.00	2.83	0
CO1254	CO1253	4.89	0 1-	4ACSR	0	0	825	167	0	0	0	0.00	2.83	0
CO1215	CO1173	4.76	2 1-	4ACSR	0	0	852	168	6	0	1	0.00	2.83	0
CO1216	CO1215	4.77	1 1-	4ACSR	0	0	849	168	0	0	0	0.00	2.83	0
CO1187	CO1215	4.85	1 1-	4ACSR	0	0	833	167	5	0	1	0.00	2.83	0
CO1630+	CO1925	4.04	2 1-	2ACSR	0	0	1303	316	9	0	0	0.00	2.06	0
CO1674+	CO1749	3.70	5 1-	4ACSR	0	0	1399	322	45	3	2	0.00	1.76	0
CO1675+	CO1674	3.73	3 1-	4ACSR	0	0	1390	321	31	2	2	0.00	1.76	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1558+	CO1515	3.65	2 1-	4ACSR	0	0	1408	322	7	0	0	0.00	1.75	0
CO1635+	CO1940	3.32	1 1-	2ACSR	0	0	1490	326	8	0	0	0.00	1.69	0
CO1567+	CO1756	3.09	1 1-	4ACSR	0	0	1544	328	2	0	0	0.00	1.63	0
CO1566+	CO1534	3.02	2 1-	4ACSR	0	0	1558	328	18	1	1	0.00	1.60	0
CO1816+	CO1534	2.99	1 1-	4ACSR	0	0	1572	329	11	0	1	0.00	1.60	0
CO1817+	CO1816	3.02	1 1-	4ACSR	0	0	1558	328	11	0	1	0.00	1.60	0
CO1589+	CO1766	2.92	1 1-	4ACSR	0	0	1587	329	10	0	0	0.00	1.57	0
CO1925881936+	CO1518	2.92	12 1-	2ACSR	0	0	1589	329	102	6	4	0.02	1.57	2
CO-1922579757+	CO1925881936	2.98	11 1-	2ACSR	0	0	1571	329	88	6	3	0.01	1.57	0
CO1904+	CO-1922579757	3.03	6 1-	4ACSR	0	0	1554	328	43	2	2	0.00	1.58	0
CO1903+	CO1904	3.04	6 1-	4ACSR	0	0	1548	327	43	2	2	0.00	1.58	0
CO1673+	CO1903	3.09	4 1-	4ACSR	0	0	1532	326	28	1	1	0.00	1.58	0
CO431362971+	CO1673	3.11	0 1-	4ACSR	0	0	1523	326	0	0	0	0.00	1.58	0
CO1822+	CO-1922579757	3.04	5 1-	4ACSR	0	0	1550	327	45	3	2	0.00	1.58	0
CO1820+	CO1822	3.08	5 1-	4ACSR	0	0	1533	326	45	3	2	0.00	1.58	0
CO2143616537+	CO1820	3.11	1 1-	4ACSR	0	0	1524	326	13	0	1	0.00	1.58	0
CO1821+	CO2143616537	3.16	1 1-	4ACSR	0	0	1506	325	13	0	1	0.00	1.58	0
CO373567190+	CO1820	3.18	1 1-	2ACSR	0	0	1504	325	9	0	0	0.00	1.58	0
CO1128338812+	CO1925881936	2.99	1 1-	1/0PRIURD	0	0	1571	722	13	0	1	0.00	1.57	0
CO2000+	CO1527	2.44	217 3-	336ACSR	1962	1887	1742	335	1663	38	7	0.00	1.43	0
SW52-B+	CO2000	2.44	217 3-	Closed	1962	1887	1742	335	1663	38	0	0.00	1.43	0
SW52-A+	SW52-B	2.44	217 3-	Closed	1962	1887	1742	335	1663	38	0	0.00	1.43	0
CO1999+	SW52-A	2.56	217 3-	336ACSR	1939	1862	1714	334	1663	38	7	0.02	1.45	32
CO1913+	CO1999	2.58	217 3-	336ACSR	1936	1858	1710	334	1663	38	7	0.00	1.45	5
CO1914+	CO1913	2.74	216 3-	336ACSR	1907	1827	1676	334	1632	37	7	0.02	1.47	39
CO1683+	CO1914	2.81	216 3-	336ACSR	1894	1813	1661	333	1632	37	7	0.01	1.48	19
CO1993+	CO1683	2.84	214 3-	336ACSR	1889	1807	1655	333	1610	36	7	0.00	1.48	7
CO1992+	CO1993	2.87	214 3-	336ACSR	1884	1802	1649	333	1610	36	7	0.00	1.49	7
CO1737+	CO1992	2.94	213 3-	336ACSR	1873	1790	1636	333	1605	36	7	0.01	1.49	16
CO1579+	CO1737	2.98	2 1-	4ACSR	0	0	1619	332	14	0	1	0.00	1.49	0
CO1832+	CO1737	3.00	3 1-	4ACSR	0	0	1610	331	26	1	1	0.00	1.50	0
CO1831+	CO1832	3.05	1 1-	4ACSR	0	0	1591	330	12	0	1	0.00	1.50	0
CO1528+	CO1737	3.02	207 3-	336ACSR	1859	1775	1620	332	1556	35	7	0.01	1.50	18
CO1736+	CO1528	3.11	191 3-	336ACSR	1844	1759	1602	332	1499	34	7	0.01	1.51	19
CO2104604399+	CO1736	3.16	191 3-	336ACSR	1836	1750	1593	332	1499	34	7	0.01	1.52	10
CO376038552+	CO2104604399	3.31	175 3-	336ACSR	1812	1724	1565	331	1417	32	6	0.02	1.54	28
CO1826+	CO376038552	3.33	10 1-	4ACSR	0	0	1556	331	84	5	4	0.00	1.54	0
CO1828+	CO1826	3.39	9 1-	4ACSR	0	0	1537	329	75	5	4	0.01	1.55	0
CO1827+	CO1828	3.45	4 1-	4ACSR	0	0	1516	328	34	2	2	0.00	1.55	0
CO1880+	CO1827	3.54	1 1-	4ACSR	0	0	1485	326	7	0	0	0.00	1.55	0
CO1879+	CO1880	3.55	1 1-	4ACSR	0	0	1481	326	7	0	0	0.00	1.55	0
CO1881+	CO1879	3.58	1 1-	4ACSR	0	0	1471	326	7	0	0	0.00	1.55	0
CO1578+	CO1827	3.51	1 1-	4ACSR	0	0	1494	327	7	0	0	0.00	1.55	0
CO1830+	CO1827	3.49	2 1-	4ACSR	0	0	1501	327	21	1	1	0.00	1.55	0
CO1829+	CO1830	3.51	2 1-	4ACSR	0	0	1494	327	21	1	1	0.00	1.55	0
CO-1155796946+	CO1829	3.54	1 1-	2ACSR	0	0	1485	326	10	0	0	0.00	1.55	0
CO1915+	CO1828	3.41	5 1-	4ACSR	0	0	1528	329	41	2	2	0.00	1.55	0
CO17296+	CO1915	3.45	3 1-	4ACSR	0	0	1515	328	30	2	1	0.00	1.55	0
CO1529+	CO376038552	3.48	165 3-	336ACSR	1783	1695	1533	330	1333	30	6	0.02	1.56	29
CO2003+	CO1529	3.49	67 1-	4ACSR	0	0	1531	330	572	39	28	0.01	1.56	5
OC54+	CO2003	3.49	67 1-	50 H OCR	0	0	1531	330	572	39	79	0.00	1.56	0
CO2004+	OC54	3.58	67 1-	4ACSR	0	0	1501	328	572	39	28	0.08	1.64	72

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1734+	CO2004	3.67	66 1-	4ACSR	0	0	1470	326	558	38	27	0.08	1.72	73
CO1823+	CO1734	3.73	4 1-	4ACSR	0	0	1452	325	44	3	2	0.00	1.73	0
CO1825+	CO1823	3.77	3 1-	4ACSR	0	0	1439	325	27	1	1	0.00	1.73	0
CO1824+	CO1825	3.80	1 1-	4ACSR	0	0	1428	324	18	1	1	0.00	1.73	0
CO1525+	CO1734	3.75	60 1-	4ACSR	0	0	1445	325	507	34	25	0.06	1.78	48
CO1732+	CO1525	3.88	3 1-	4ACSR	0	0	1404	322	8	0	0	0.00	1.78	0
CO1733+	CO1732	4.04	2 1-	4ACSR	0	0	1356	319	5	0	0	0.00	1.78	0
CO1694+	CO1525	3.82	55 1-	4ACSR	0	0	1422	323	485	33	24	0.06	1.84	43
CO1942+	CO1694	3.91	54 1-	4ACSR	0	0	1395	322	473	32	23	0.07	1.90	50
CO1941+	CO1942	3.95	53 1-	4ACSR	0	0	1383	321	457	31	22	0.03	1.93	20
CO1840+	CO1941	4.05	1 1-	4ACSR	0	0	1355	319	5	0	0	0.00	1.93	0
CO1839+	CO1840	4.14	1 1-	4ACSR	0	0	1328	317	5	0	0	0.00	1.93	0
CO1943+	CO1941	4.01	50 1-	4ACSR	0	0	1364	320	446	30	22	0.04	1.98	32
CO1893+	CO1943	4.07	1 1-	4ACSR	0	0	1348	319	10	0	0	0.00	1.98	0
CO1894+	CO1893	4.09	0 1-	4ACSR	0	0	1342	318	0	0	0	0.00	1.98	0
CO1524+	CO1943	4.04	49 1-	4ACSR	0	0	1356	319	436	30	21	0.02	1.99	13
CO1568+	CO1524	4.15	1 1-	4ACSR	0	0	1324	317	4	0	0	0.00	1.99	0
CO1520+	CO1524	4.06	48 1-	4ACSR	0	0	1350	319	432	29	21	0.01	2.01	10
CO1569+	CO1520	4.18	2 1-	4ACSR	0	0	1317	317	27	1	1	0.00	2.01	0
CO1523+	CO1520	4.26	45 1-	4ACSR	0	0	1294	315	405	27	20	0.12	2.13	80
CO1570+	CO1523	4.36	1 1-	4ACSR	0	0	1269	313	16	1	1	0.00	2.13	0
CO1522+	CO1523	4.36	43 1-	4ACSR	0	0	1269	313	370	25	18	0.06	2.19	33
CO1572+	CO1522	4.42	2 1-	4ACSR	0	0	1251	312	16	1	1	0.00	2.19	0
CO1571+	CO1522	4.44	2 1-	4ACSR	0	0	1247	312	8	0	0	0.00	2.19	0
CO1626+	CO1571	4.47	1 1-	2ACSR	0	0	1241	311	3	0	0	0.00	2.19	0
CO1627+	CO1626	4.54	1 1-	2ACSR	0	0	1226	310	3	0	0	0.00	2.19	0
CO1730+	CO1522	4.46	38 1-	4ACSR	0	0	1241	311	345	23	17	0.06	2.24	31
CO1731+	CO1730	4.56	37 1-	4ACSR	0	0	1216	309	330	22	16	0.05	2.30	28
CO1573+	CO1731	4.64	1 1-	4ACSR	0	0	1197	308	9	0	0	0.00	2.30	0
CO1521+	CO1731	4.72	36 1-	4ACSR	0	0	1179	307	321	22	16	0.08	2.37	40
CO1695+	CO1521	4.77	8 1-	4ACSR	0	0	1166	306	68	4	3	0.00	2.38	0
CO1717+	CO1695	4.84	5 1-	4ACSR	0	0	1150	304	47	3	2	0.00	2.38	0
CO1718+	CO1717	4.92	4 1-	4ACSR	0	0	1132	303	41	2	2	0.01	2.39	0
CO1901+	CO1718	5.05	3 1-	4ACSR	0	0	1104	301	24	1	1	0.00	2.39	0
CO1902+	CO1901	5.09	3 1-	4ACSR	0	0	1097	300	24	1	1	0.00	2.40	0
CO1900+	CO1902	5.15	2 1-	2ACSR	0	0	1086	299	10	0	0	0.00	2.40	0
CO1897+	CO1900	5.27	1 1-	2ACSR	0	0	1066	298	10	0	0	0.00	2.40	0
CO1899+	CO1897	5.36	1 1-	2ACSR	0	0	1052	297	10	0	0	0.00	2.40	0
CO1898+	CO1899	5.41	1 1-	2ACSR	0	0	1045	296	10	0	0	0.00	2.40	0
CO1574+	CO1718	4.95	1 1-	4ACSR	0	0	1125	302	17	1	1	0.00	2.39	0
CO1945+	CO1521	4.74	28 1-	4ACSR	0	0	1174	306	253	17	12	0.01	2.38	3
CO1944+	CO1945	4.87	28 1-	4ACSR	0	0	1144	304	253	17	12	0.05	2.43	21
CO1946+	CO1944	4.89	27 1-	4ACSR	0	0	1139	303	252	17	12	0.01	2.44	4
CO8206+	CO1946	4.93	27 1-	4ACSR	0	0	1131	303	252	17	12	0.01	2.46	6
CO1848514109+	CO8206	5.03	4 1-	4ACSR	0	0	1109	301	60	4	3	0.01	2.47	0
CO1891430613+	CO1848514109	5.10	4 1-	4ACSR	0	0	1094	300	60	4	3	0.01	2.47	0
CO1251+	CO1891430613	5.16	4 1-	4ACSR	0	0	1081	299	60	4	3	0.00	2.48	0
CO1252+	CO1251	5.22	2 1-	4ACSR	0	0	1069	298	28	1	1	0.00	2.48	0
CO1031961024+	CO1848514109	5.07	0 1-	4ACSR	0	0	1100	300	0	0	0	0.00	2.47	0
CO1186+	CO8206	5.01	23 1-	4ACSR	0	0	1113	301	192	13	9	0.02	2.48	6
CO-78532859+	CO1186	5.12	16 1-	2ACSR	0	0	1093	300	142	9	5	0.02	2.50	4
CO-989217829+	CO-78532859	5.31	8 1-	2ACSR	0	0	1063	298	50	3	2	0.01	2.50	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-91803684+	CO-78532859	5.21	7 1-	2ACSR	0	0	1080	299	73	5	3	0.00	2.50	0
CO263534900+	CO-91803684	5.29	2 1-	2ACSR	0	0	1067	298	28	1	1	0.00	2.50	0
CO111652207+	CO-91803684	5.24	0 1-	2ACSR	0	0	1074	299	0	0	0	0.00	2.50	0
CO-362408940+	CO1520	4.11	0 1-	2ACSR	0	0	1338	318	0	0	0	0.00	2.01	0
CO1632+	CO1942	3.96	1 1-	2ACSR	0	0	1384	321	16	1	1	0.00	1.90	0
CO1758+	CO1529	3.57	97 3-	336ACSR	1770	1680	1517	330	758	17	3	0.01	1.56	5
CO1759+	CO1758	3.58	95 3-	336ACSR	1769	1679	1516	330	750	17	3	0.00	1.56	0
CO1757+	CO1759	3.65	95 3-	336ACSR	1759	1668	1505	330	750	17	3	0.00	1.56	3
CO1760+	CO1757	3.70	93 3-	336ACSR	1750	1659	1496	329	721	16	3	0.00	1.57	3
CO1762+	CO1760	3.80	90 3-	336ACSR	1736	1645	1480	329	690	15	3	0.01	1.57	4
CO1761+	CO1762	3.85	90 3-	336ACSR	1728	1636	1471	329	690	15	3	0.00	1.58	3
CO1780+	CO1761	3.95	89 3-	336ACSR	1714	1622	1455	328	686	15	3	0.01	1.58	4
CO1781+	CO1780	3.99	89 3-	336ACSR	1709	1616	1449	328	686	15	3	0.00	1.58	0
CO2011+	CO1781	3.99	32 1-	4ACSR	0	0	1447	328	253	17	12	0.00	1.59	0
OC58+	CO2011	3.99	32 1-	35 H OCR	0	0	1447	328	253	17	49	0.00	1.59	0
CO2012+	OC58	4.01	32 1-	4ACSR	0	0	1441	328	253	17	12	0.01	1.59	3
CO1905+	CO2012	4.11	31 1-	4ACSR	0	0	1412	326	252	17	12	0.04	1.63	15
CO1906+	CO1905	4.15	31 1-	4ACSR	0	0	1401	325	252	17	12	0.01	1.65	6
CO1678+	CO1906	4.21	30 1-	4ACSR	0	0	1384	324	243	16	12	0.02	1.67	9
CO1891+	CO1678	4.25	6 1-	4ACSR	0	0	1372	323	43	2	2	0.00	1.67	0
CO1892+	CO1891	4.30	4 1-	4ACSR	0	0	1356	322	24	1	1	0.00	1.67	0
CO1782+	CO1678	4.23	24 1-	4ACSR	0	0	1377	323	200	13	10	0.01	1.67	0
CO1783+	CO1782	4.34	22 1-	4ACSR	0	0	1346	321	174	11	8	0.03	1.70	8
CO1889+	CO1783	4.38	4 1-	4ACSR	0	0	1335	320	40	2	2	0.00	1.70	0
CO1890+	CO1889	4.41	1 1-	4ACSR	0	0	1325	320	12	0	1	0.00	1.71	0
CO1605+	CO1889	4.41	2 1-	4ACSR	0	0	1325	320	20	1	1	0.00	1.71	0
CO1553+	CO1783	4.37	18 1-	4ACSR	0	0	1338	321	134	9	6	0.01	1.71	0
CO1542+	CO1553	4.41	17 1-	4ACSR	0	0	1327	320	121	8	6	0.01	1.72	0
CO1862+	CO1542	4.42	4 1-	4ACSR	0	0	1322	319	15	1	1	0.00	1.72	0
CO1861+	CO1862	4.49	2 1-	4ACSR	0	0	1305	318	11	0	1	0.00	1.72	0
CO1543+	CO1542	4.46	13 1-	4ACSR	0	0	1313	319	106	7	5	0.01	1.72	0
CO1858+	CO1543	4.48	6 1-	4ACSR	0	0	1308	318	46	3	2	0.00	1.73	0
CO1857+	CO1858	4.56	6 1-	4ACSR	0	0	1286	317	46	3	2	0.01	1.73	0
CO1859+	CO1857	4.61	4 1-	4ACSR	0	0	1274	316	38	2	2	0.00	1.73	0
CO1856+	CO1859	4.66	3 1-	4ACSR	0	0	1259	315	35	2	2	0.00	1.74	0
CO1860+	CO1856	4.70	3 1-	4ACSR	0	0	1249	314	35	2	2	0.00	1.74	0
CO1732664417+	CO1860	4.74	1 1-	2ACSR	0	0	1241	314	15	1	1	0.00	1.74	0
CO1785+	CO1543	4.50	7 1-	4ACSR	0	0	1302	318	60	4	3	0.00	1.73	0
CO1784+	CO1785	4.65	7 1-	4ACSR	0	0	1262	315	60	4	3	0.01	1.74	0
CO1729779384+	CO1784	4.69	2 1-	2ACSR	0	0	1254	315	11	0	0	0.00	1.74	0
CO-1512568191+	CO1729779384	4.73	2 1-	2ACSR	0	0	1245	314	11	0	0	0.00	1.74	0
CO-1199090862+	CO-1512568191	4.81	1 1-	1/0PRIURD	0	0	1233	642	11	0	0	0.00	1.74	0
CO1522987822+	CO-1199090862	4.88	1 1-	1/0PRIURD	0	0	1222	639	11	0	0	0.00	1.74	0
CO626953563+	CO1522987822	4.95	1 1-	1/0PRIURD	0	0	1211	636	11	0	0	0.00	1.74	0
CO-1619942363+	CO1729779384	4.77	0 1-	1/0PRIURD	0	0	1241	645	0	0	0	0.00	1.74	0
CO1854+	CO1784	4.71	1 1-	4ACSR	0	0	1247	314	13	0	1	0.00	1.74	0
CO1853+	CO1854	4.75	1 1-	4ACSR	0	0	1238	313	13	0	1	0.00	1.74	0
CO1855+	CO1853	4.80	1 1-	4ACSR	0	0	1224	312	13	0	1	0.00	1.74	0
CO1852+	CO1855	4.89	1 1-	4ACSR	0	0	1203	311	13	0	1	0.00	1.74	0
CO1789+	CO1784	4.77	4 1-	4ACSR	0	0	1233	313	35	2	2	0.01	1.75	0
CO1786+	CO1789	4.79	4 1-	4ACSR	0	0	1226	312	35	2	2	0.00	1.75	0
CO1788+	CO1786	4.86	4 1-	4ACSR	0	0	1210	311	35	2	2	0.00	1.75	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1787+	CO1788	4.92	4 1-	4ACSR	0	0	1197	310	35	2	2	0.00	1.75	0
CO1655+	CO1787	5.02	3 1-	1/0PRIURD	0	0	1183	624	18	1	1	0.00	1.76	0
CO1656+	CO1655	5.09	2 1-	1/0PRIURD	0	0	1175	622	18	1	1	0.00	1.76	0
CO1603+	CO1787	4.97	1 1-	1/0PRIURD	0	0	1190	627	17	1	1	0.00	1.75	0
CO1604+	CO1785	4.58	0 1-	4ACSR	0	0	1282	316	0	0	0	0.00	1.73	0
CO2002+	CO1781	3.99	57 3-	336ACSR	1708	1615	1448	328	433	9	2	0.00	1.58	0
SW53-B+	CO2002	3.99	57 3-	Closed	1708	1615	1448	328	433	9	0	0.00	1.58	0
SW53-A+	SW53-B	3.99	57 3-	Closed	1708	1615	1448	328	433	9	0	0.00	1.58	0
CO2001+	SW53-A	4.06	57 3-	336ACSR	1698	1605	1438	328	433	9	2	0.00	1.59	0
CO1986+	CO2001	4.17	57 3-	336ACSR	1683	1590	1422	327	433	9	2	0.00	1.59	0
CO1987+	CO1986	4.26	56 3-	336ACSR	1670	1576	1407	327	420	9	2	0.00	1.59	0
CO1776+	CO1987	4.35	54 3-	336ACSR	1657	1563	1393	327	408	9	2	0.00	1.60	0
CO1777+	CO1776	4.45	54 3-	336ACSR	1645	1550	1380	326	408	9	2	0.00	1.60	0
CO1845+	CO1777	4.48	0 1-	4ACSR	0	0	1372	326	0	0	0	0.00	1.60	0
CO1846+	CO1845	4.52	0 1-	4ACSR	0	0	1362	325	0	0	0	0.00	1.60	0
CO1540+	CO1777	4.51	54 3-	336ACSR	1637	1542	1372	326	408	9	2	0.00	1.60	0
CO1774+	CO1540	4.79	51 3-	336ACSR	1601	1504	1333	325	388	8	2	0.01	1.61	4
CO1775+	CO1774	4.98	51 3-	336ACSR	1577	1480	1308	324	388	8	2	0.01	1.62	3
CO1552+	CO1775	5.07	29 3-	2ACSR	1558	1460	1288	322	250	5	3	0.01	1.62	3
CO2005+	CO1552	5.08	28 1-	4ACSR	0	0	1287	322	219	15	11	0.00	1.62	0
OC55+	CO2005	5.08	28 1-	35 H OCR	0	0	1287	322	219	15	43	0.00	1.62	0
XFMR116	OC55	5.08	28 1-	333 KVA 1PH AUT	0	0	917	173	219	15	65	0.61	2.23	0
CO2006	XFMR116	5.14	28 1-	4ACSR	0	0	905	172	219	30	22	0.08	2.31	29
CO1541	CO2006	5.27	24 1-	4ACSR	0	0	879	171	195	26	19	0.16	2.47	51
CO1849	CO1541	5.38	2 1-	4ACSR	0	0	859	170	19	2	2	0.01	2.48	0
CO1851	CO1849	5.45	1 1-	4ACSR	0	0	844	169	10	1	1	0.00	2.49	0
CO1850	CO1851	5.52	1 1-	4ACSR	0	0	831	168	10	1	1	0.00	2.49	0
CO1619	CO1850	5.55	1 1-	4ACSR	0	0	824	168	10	1	1	0.00	2.49	0
CO1779	CO1541	5.31	22 1-	4ACSR	0	0	871	171	175	24	17	0.04	2.52	12
CO1778	CO1779	5.50	22 1-	4ACSR	0	0	835	169	175	24	17	0.21	2.73	60
CO1847	CO1778	5.56	2 1-	4ACSR	0	0	824	168	21	2	2	0.01	2.73	0
CO1848	CO1847	5.61	1 1-	4ACSR	0	0	814	167	9	1	1	0.00	2.74	0
CO1601	CO1847	5.62	1 1-	4ACSR	0	0	812	167	12	1	1	0.00	2.74	0
CO1952	CO1778	5.61	20 1-	4ACSR	0	0	814	167	154	21	15	0.11	2.84	27
CO1951	CO1952	5.83	19 1-	4ACSR	0	0	775	165	151	21	15	0.19	3.03	46
CO1696	CO1951	5.88	18 1-	4ACSR	0	0	766	165	136	18	13	0.04	3.07	9
CO1863	CO1696	5.93	2 1-	4ACSR	0	0	757	164	23	3	2	0.01	3.08	0
CO1864	CO1863	5.99	1 1-	4ACSR	0	0	747	163	12	1	1	0.00	3.08	0
CO1638	CO1863	6.04	1 1-	2ACSR	0	0	741	163	12	1	1	0.00	3.09	0
CO1544	CO1696	5.97	13 1-	4ACSR	0	0	750	164	94	13	9	0.05	3.13	7
CO1865	CO1544	6.07	1 1-	4ACSR	0	0	734	163	12	1	1	0.01	3.13	0
CO1866	CO1865	6.12	1 1-	4ACSR	0	0	725	162	12	1	1	0.00	3.14	0
CO1545	CO1544	6.18	10 1-	4ACSR	0	0	715	161	64	8	6	0.08	3.21	9
CO1546	CO1545	6.26	9 1-	4ACSR	0	0	704	161	58	8	6	0.03	3.24	3
CO1964	CO1546	6.47	7 1-	4ACSR	0	0	671	159	37	5	4	0.05	3.29	3
CO1963	CO1964	6.56	7 1-	4ACSR	0	0	659	158	37	5	4	0.02	3.31	0
CO1965	CO1963	6.64	6 1-	4ACSR	0	0	647	157	32	4	3	0.02	3.33	0
CO1966	CO1965	6.74	6 1-	4ACSR	0	0	633	156	32	4	3	0.02	3.35	0
CO1798	CO1966	6.80	4 1-	4ACSR	0	0	626	156	12	1	1	0.00	3.35	0
CO1796	CO1798	6.91	2 1-	4ACSR	0	0	612	155	1	0	0	0.00	3.35	0
CO1797	CO1796	6.99	1 1-	4ACSR	0	0	601	154	1	0	0	0.00	3.35	0
CO1618	CO1966	6.80	2 1-	4ACSR	0	0	626	156	20	2	2	0.00	3.35	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1790	CO1546	6.58	2 1-	4ACSR	0	0	656	158	22	3	2	0.04	3.28	0
CO1793	CO1790	6.65	2 1-	4ACSR	0	0	646	157	22	3	2	0.01	3.29	0
CO1791	CO1793	6.75	2 1-	4ACSR	0	0	633	156	22	3	2	0.01	3.31	0
CO1792	CO1791	6.79	2 1-	4ACSR	0	0	627	156	22	3	2	0.00	3.31	0
CO1606	CO1792	6.85	1 1-	4ACSR	0	0	620	155	3	0	0	0.00	3.31	0
CO1607	CO1545	6.24	1 1-	4ACSR	0	0	707	161	6	0	1	0.00	3.21	0
CO1600	CO1696	5.97	1 1-	4ACSR	0	0	750	164	5	0	0	0.00	3.08	0
CO1599	CO1696	5.96	0 1-	4ACSR	0	0	751	164	0	0	0	0.00	3.07	0
CO1953	CO2006	5.27	3 1-	4ACSR	0	0	880	171	17	2	2	0.01	2.32	0
CO1700	CO1953	5.32	2 1-	4ACSR	0	0	869	170	15	2	1	0.00	2.33	0
CO1701	CO1700	5.42	1 1-	4ACSR	0	0	851	169	1	0	0	0.00	2.33	0
CO1954	CO1953	5.29	1 1-	4ACSR	0	0	875	171	2	0	0	0.00	2.33	0
CO1697	CO1954	5.40	0 1-	4ACSR	0	0	854	170	0	0	0	0.00	2.33	0
CO1539+	CO1775	5.07	22 3-	336ACSR	1566	1469	1296	323	138	3	1	0.00	1.62	0
CO508214794+	CO1539	5.20	22 3-	2ACSR	1539	1440	1269	322	138	3	2	0.01	1.62	0
CO1037977913+	CO508214794	5.25	0 3-	2ACSR	1529	1430	1259	321	0	0	0	0.00	1.62	0
CO-51601948+	CO508214794	5.24	22 3-	2ACSR	1533	1434	1263	321	138	3	2	0.00	1.62	0
CO1676+	CO-51601948	5.27	22 3-	336ACSR	1529	1430	1259	321	138	3	1	0.00	1.62	0
CO1959+	CO1676	5.30	20 3-	336ACSR	1526	1427	1255	321	132	3	1	0.00	1.62	0
CO1958+	CO1959	5.36	18 3-	336ACSR	1518	1419	1248	321	128	2	1	0.00	1.62	0
CO1960+	CO1958	5.40	16 3-	336ACSR	1514	1415	1243	320	114	2	1	0.00	1.62	0
CO1699+	CO1960	5.50	16 3-	336ACSR	1503	1404	1232	320	114	2	1	0.00	1.63	0
CO1703+	CO1699	5.61	11 3-	336ACSR	1491	1391	1219	320	88	2	0	0.00	1.63	0
CO1702+	CO1703	5.63	8 3-	336ACSR	1488	1389	1217	319	68	1	0	0.00	1.63	0
CO1842+	CO1702	5.65	0 1-	4ACSR	0	0	1213	319	0	0	0	0.00	1.63	0
CO1841+	CO1842	5.67	0 1-	4ACSR	0	0	1209	319	0	0	0	0.00	1.63	0
CO1538+	CO1702	5.72	5 3-	336ACSR	1478	1379	1207	319	61	1	0	0.00	1.63	0
CO1772+	CO1538	5.78	3 3-	336ACSR	1472	1373	1201	319	46	1	0	0.00	1.63	0
CO1773+	CO1772	5.84	3 3-	336ACSR	1466	1367	1195	319	46	1	0	0.00	1.63	0
XFMR117	CO1773	5.84	3 3-	1000 KVA 1PH AU	1522	1472	1363	174	46	1	2	0.01	1.65	0
CO1844	XFMR117	5.88	2 1-	4ACSR	0	0	1341	174	24	3	2	0.01	1.67	0
CO1843	CO1844	5.92	2 1-	4ACSR	0	0	1323	174	24	3	2	0.00	1.68	0
CO17316	CO1843	5.95	1 1-	4ACSR	0	0	1309	173	18	2	2	0.00	1.68	0
CO1805	XFMR117	5.90	1 3-	336ACSR	1508	1456	1345	174	22	0	0	0.00	1.65	0
CO1806	CO1805	5.96	1 3-	336ACSR	1496	1443	1330	174	22	0	0	0.00	1.65	0
CO1804	CO1806	6.04	1 3-	336ACSR	1479	1426	1311	174	22	0	0	0.00	1.65	0
CO1807	CO1804	6.07	1 3-	336ACSR	1471	1417	1301	174	22	0	0	0.00	1.65	0
CO1803	CO1807	6.16	1 3-	336ACSR	1454	1398	1280	174	22	0	0	0.00	1.65	0
CO2022	CO1803	6.21	0 3-	336ACSR	1444	1388	1268	174	0	0	0	0.00	1.65	0
CO1622+	CO1538	5.76	1 1-	2ACSR	0	0	1200	319	3	0	0	0.00	1.63	0
CO1594+	CO1538	5.77	1 1-	4ACSR	0	0	1197	318	12	0	1	0.00	1.63	0
CO1956+	CO1699	5.51	2 1-	4ACSR	0	0	1228	320	7	0	0	0.00	1.63	0
CO1955+	CO1956	5.56	2 1-	4ACSR	0	0	1218	319	7	0	0	0.00	1.63	0
CO2031+	CO1955	5.66	0 1-	4ACSR	0	0	1197	317	0	0	0	0.00	1.63	0
CO1640+	CO2031	5.66	0 1-	4ACSR	0	0	1196	317	0	0	0	0.00	1.63	0
CO1596+	CO1699	5.56	2 1-	4ACSR	0	0	1217	319	14	0	1	0.00	1.63	0
CO1637+	CO1958	5.45	1 1-	2ACSR	0	0	1231	319	4	0	0	0.00	1.62	0
CO1598+	CO1540	4.54	2 1-	4ACSR	0	0	1361	325	20	1	1	0.00	1.60	0
CO1620+	CO1598	4.59	1 1-	4ACSR	0	0	1350	324	19	1	1	0.00	1.60	0
CO1597+	CO1987	4.34	2 1-	4ACSR	0	0	1383	325	13	0	1	0.00	1.59	0
CO1602+	CO1761	3.89	1 1-	4ACSR	0	0	1459	328	4	0	0	0.00	1.58	0
CO961295214+	CO1762	3.86	0 1-	2ACSR	0	0	1462	328	0	0	0	0.00	1.57	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1576+	CO1760	3.74	2 1-	4ACSR	0	0	1483	329	8	0	0	0.00	1.57	0
CO1575+	CO1760	3.75	1 1-	4ACSR	0	0	1480	328	22	1	1	0.00	1.57	0
CO1634+	CO1757	3.68	1 1-	2ACSR	0	0	1495	329	6	0	0	0.00	1.56	0
CO1623+	CO1758	3.61	2 1-	2ACSR	0	0	1506	329	9	0	0	0.00	1.56	0
CO1577+	CO1529	3.62	1 1-	4ACSR	0	0	1488	328	3	0	0	0.00	1.56	0
CO-415726902+	CO2104604399	3.18	14 1-	2ACSR	0	0	1587	332	73	5	3	0.00	1.52	0
CO2056277497+	CO-415726902	3.22	14 1-	2ACSR	0	0	1572	331	73	5	3	0.00	1.52	0
CO1989277575+	CO2056277497	3.33	8 1-	2ACSR	0	0	1539	329	25	1	1	0.00	1.53	0
CO1932443823+	CO2056277497	3.32	3 1-	2ACSR	0	0	1542	329	15	1	1	0.00	1.53	0
CO-604828321+	CO1932443823	3.40	2 1-	2ACSR	0	0	1520	328	2	0	0	0.00	1.53	0
CO115694282+	CO-415726902	3.28	0 1-	2ACSR	0	0	1555	330	0	0	0	0.00	1.52	0
CO1802+	CO1528	3.05	15 1-	2ACSR	0	0	1611	332	49	3	2	0.00	1.50	0
CO1799+	CO1802	3.08	9 1-	2ACSR	0	0	1598	331	31	2	1	0.00	1.51	0
CO2130441809+	CO1799	3.10	3 1-	2ACSR	0	0	1593	331	14	0	1	0.00	1.51	0
CO1801+	CO1799	3.16	6 1-	2ACSR	0	0	1575	330	17	1	1	0.00	1.51	0
CO1800+	CO1801	3.23	5 1-	2ACSR	0	0	1554	329	13	0	0	0.00	1.51	0
CO-375362023+	CO1800	3.26	5 1-	2ACSR	0	0	1543	329	13	0	0	0.00	1.51	0
CO2059331085+	CO-375362023	3.30	2 1-	2ACSR	0	0	1531	328	0	0	0	0.00	1.51	0
CO-83812980+	CO-375362023	3.30	3 1-	2ACSR	0	0	1532	328	13	0	0	0.00	1.51	0
CO-2079548184+	CO-83812980	3.39	1 1-	1/0PRIURD	0	0	1517	714	0	0	0	0.00	1.51	0
CO-38205832+	CO-83812980	3.33	2 1-	1/0PRIURD	0	0	1526	717	13	0	1	0.00	1.51	0
CO402340700+	CO1991	2.01	11 1-	2ACSR	0	0	1891	339	82	5	3	0.00	1.10	0
CO2136894810+	CO402340700	2.11	10 1-	2ACSR	0	0	1849	338	71	4	3	0.01	1.10	0
CO1738+	CO2136894810	2.20	10 1-	4ACSR	0	0	1804	336	71	4	3	0.01	1.11	0
CO1739+	CO1738	2.28	9 1-	4ACSR	0	0	1767	334	70	4	3	0.01	1.12	0
CO1746+	CO1739	2.36	7 1-	4ACSR	0	0	1731	332	64	4	3	0.01	1.13	0
CO1745+	CO1746	2.44	5 1-	4ACSR	0	0	1697	331	48	3	2	0.01	1.13	0
CO1743+	CO1745	2.53	1 1-	4ACSR	0	0	1656	329	10	0	1	0.00	1.14	0
CO1744+	CO1743	2.88	1 1-	4ACSR	0	0	1519	322	10	0	1	0.00	1.14	0
CO1684+	CO1745	2.46	4 1-	4ACSR	0	0	1688	330	37	2	2	0.00	1.14	0
CO1916+	CO1684	2.48	2 1-	4ACSR	0	0	1680	330	3	0	0	0.00	1.14	0
CO1917+	CO1916	2.64	2 1-	4ACSR	0	0	1613	327	3	0	0	0.00	1.14	0
CO1682+	CO1917	2.79	1 1-	4ACSR	0	0	1552	324	3	0	0	0.00	1.14	0
CO1722+	CO1739	2.32	2 1-	4ACSR	0	0	1749	333	6	0	0	0.00	1.12	0
CO1979+	CO1722	2.38	2 1-	4ACSR	0	0	1725	332	6	0	0	0.00	1.12	0
CO1980+	CO1979	2.44	2 1-	4ACSR	0	0	1695	331	6	0	0	0.00	1.12	0
CO1702376531+	CO402340700	2.08	1 1-	2ACSR	0	0	1860	338	11	0	0	0.00	1.10	0
CO387856808+	CO1991	2.03	1 3-	2ACSR	2079	2014	1881	339	69	1	1	0.00	1.09	0
CO-1330846399+	CO387856808	2.07	1 3-	1/0PRIURD	2076	2008	1869	779	69	1	1	0.00	1.09	0
CO2481+	CO2497	1.48	1 1-	4ACSR	0	0	2111	344	4	0	0	0.00	0.69	0
CO2428+	CO2383	1.39	3 1-	4ACSR	0	0	2150	345	2	0	0	0.00	0.60	0
CO2670+	CO2577	0.97	3 1-	4ACSR	0	0	2367	349	13	0	1	0.00	0.29	0
CO2669+	CO2670	1.02	2 1-	4ACSR	0	0	2335	348	8	0	0	0.00	0.29	0
CO2490+	CO2808	0.81	1 1-	1/0PRIURD	0	0	2458	866	2	0	0	0.00	0.23	0
CO2426+	CO2657	0.19	2 3-	500PRIURD	2754	2777	2782	890	84	2	1	0.00	0.03	0
CO2417+	CO2426	0.37	2 3-	500PRIURD	2764	2774	2704	882	84	2	1	0.00	0.03	0
CO2854+	CO2417	0.44	1 3-	500PRIURD	2768	2777	2702	881	45	1	0	0.00	0.03	0
CO2853+	CO2417	0.44	1 3-	500PRIURD	2768	2773	2677	879	39	0	0	0.00	0.03	0
CO2419+	CO2853	0.50	1 3-	500PRIURD	2771	2772	2651	876	39	0	0	0.00	0.03	0
CO2420+	CO2419	0.60	1 3-	500PRIURD	2777	2769	2609	871	39	0	0	0.00	0.03	0
CO2820+	CO2420	0.70	1 3-	1/0PRIURD	2769	2746	2554	863	39	0	1	0.00	0.03	0
CO2415+	CO2426	0.31	0 3-	500PRIURD	2761	2775	2728	884	0	0	0	0.00	0.03	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2821+	CO2826	0.02	881 3-	500 MCM ACSR 30	2772	2841	2869	355	5862	131	19	0.00	0.01	19
Sharkey Ckt+	CO2821	0.02	881 3-	200 120WVE	2772	2841	2869	355	5862	131	0	0.00	0.01	0
CO2413+	Sharkey Ckt	0.03	881 3-	500PRIURD	2773	2834	2862	897	5862	131	39	0.00	0.01	33
CO2585+	CO2413	0.06	881 3-	336ACSR	2763	2818	2845	355	5862	131	25	0.01	0.02	91
CO2809+	CO2585	0.10	881 3-	336ACSR	2748	2796	2821	355	5861	131	25	0.02	0.04	130
CO2850+	CO2809	0.27	881 3-	336ACSR	2690	2712	2727	354	5861	131	25	0.07	0.12	524
CO2582+	CO2850	0.37	881 3-	336ACSR	2658	2668	2677	354	5858	131	25	0.04	0.16	295
CO2583+	CO2582	0.56	881 3-	336ACSR	2596	2594	2581	353	5857	131	25	0.09	0.24	600
CO2581+	CO2583	0.77	881 3-	336ACSR	2530	2518	2482	352	5854	131	25	0.09	0.34	657
CO2584+	CO2581	0.82	881 3-	336ACSR	2517	2502	2462	352	5851	131	25	0.02	0.36	142
CO2580+	CO2584	0.85	879 3-	336ACSR	2508	2491	2448	352	5846	131	25	0.01	0.37	93
SW75-B+	CO2580	0.85	0 3-	Open	2508	2491	2448	352	0	0	0	0.00	0.37	0
CO2575+	CO2580	0.91	878 3-	1/0ACSR	2482	2463	2412	351	5840	131	57	0.07	0.44	622
CO2574+	CO2575	1.15	874 3-	1/0ACSR	2391	2360	2282	348	5825	131	57	0.27	0.71	2342
CO2576+	CO2574	1.19	873 3-	1/0ACSR	2376	2344	2263	348	5814	131	57	0.04	0.75	373
CO2573+	CO2576	1.23	872 3-	1/0ACSR	2359	2325	2240	347	5794	130	57	0.05	0.80	444
CO2525+	CO2573	1.28	133 3-	1/0ACSR	2340	2303	2213	347	898	20	9	0.01	0.81	12
OC840012596+	CO2525	1.28	131 3-	100 L OCR	2340	2303	2213	347	878	19	20	0.00	0.81	0
CO2524+	OC840012596	1.35	131 3-	1/0ACSR	2316	2276	2180	346	878	19	9	0.01	0.82	15
CO2506+	CO2524	1.38	129 3-	1/0ACSR	2304	2263	2164	346	869	19	8	0.01	0.83	7
CO2508+	CO2506	1.43	128 3-	1/0ACSR	2288	2246	2144	345	867	19	8	0.01	0.83	9
CO2507+	CO2508	1.48	127 3-	1/0ACSR	2268	2223	2117	345	859	19	8	0.01	0.84	12
CO2512+	CO2507	1.52	123 3-	1/0ACSR	2255	2208	2100	344	840	18	8	0.01	0.85	8
CO2509+	CO2512	1.56	122 3-	1/0ACSR	2242	2194	2083	344	833	18	8	0.01	0.86	8
CO2511+	CO2509	1.61	121 3-	1/0ACSR	2225	2175	2061	343	826	18	8	0.01	0.86	9
CO2510+	CO2511	1.68	120 3-	1/0ACSR	2200	2147	2028	343	823	18	8	0.01	0.87	15
CO2388+	CO2510	1.80	118 3-	1/0ACSR	2162	2105	1980	341	816	18	8	0.02	0.89	22
CO2436+	CO2388	1.87	3 1-	4ACSR	0	0	1940	340	23	1	1	0.00	0.89	0
OC654056532+	CO2436	1.87	1 1-	20 N FUSE	0	0	1940	340	4	0	1	0.00	0.89	0
CO-1941332583+	OC654056532	1.93	1 1-	2ACSR	0	0	1917	339	4	0	0	0.00	0.89	0
CO2692+	CO2388	1.84	0 1-	4ACSR	0	0	1955	340	0	0	0	0.00	0.89	0
OC784152550+	CO2692	1.84	0 1-	20 N FUSE	0	0	1955	340	0	0	0	0.00	0.89	0
CO2691+	OC784152550	1.88	0 1-	4ACSR	0	0	1936	340	0	0	0	0.00	0.89	0
CO2389+	CO2388	1.93	115 3-	1/0ACSR	2117	2056	1925	340	793	17	8	0.02	0.91	25
CO2567+	CO2389	1.98	23 3-	336ACSR	2107	2044	1912	340	188	4	1	0.00	0.91	0
CO2566+	CO2567	2.06	23 3-	336ACSR	2089	2025	1889	339	188	4	1	0.00	0.91	0
CO2568+	CO2566	2.10	20 3-	336ACSR	2082	2016	1880	339	150	3	1	0.00	0.91	0
CO2570+	CO2568	2.23	15 3-	336ACSR	2056	1987	1848	339	102	2	0	0.00	0.91	0
CO2569+	CO2570	2.29	14 3-	336ACSR	2043	1973	1831	339	98	2	0	0.00	0.91	0
CO2650+	CO2569	2.35	12 3-	336ACSR	2031	1959	1816	338	89	2	0	0.00	0.92	0
CO2651+	CO2650	2.46	12 3-	336ACSR	2009	1936	1790	338	89	2	0	0.00	0.92	0
CO2572+	CO2651	2.50	10 3-	336ACSR	2001	1927	1780	338	79	1	0	0.00	0.92	0
CO2571+	CO2572	2.55	9 3-	336ACSR	1991	1916	1768	337	62	1	0	0.00	0.92	0
CO8215+	CO2571	2.66	8 3-	336ACSR	1971	1894	1744	337	53	1	0	0.00	0.92	0
CO1765+	CO8215	2.73	8 3-	336ACSR	1957	1879	1728	337	53	1	0	0.00	0.92	0
CO1764+	CO1765	2.77	8 3-	336ACSR	1951	1872	1719	336	53	1	0	0.00	0.92	0
CO1895+	CO1764	2.81	3 1-	2ACSR	0	0	1704	336	35	2	1	0.00	0.92	0
CO1896+	CO1895	2.86	2 1-	2ACSR	0	0	1687	335	23	1	1	0.00	0.92	0
CO1763+	CO1764	2.85	5 3-	336ACSR	1936	1856	1702	336	19	0	0	0.00	0.92	0
CO1532+	CO1763	2.92	3 3-	336ACSR	1922	1841	1685	336	5	0	0	0.00	0.92	0
CO1997+	CO1532	2.93	0 3-	336ACSR	1921	1840	1684	336	0	0	0	0.00	0.92	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
#SW51-A+	CO1997	2.93	0 3-	Open	1921	1840	1684	336	0	0	0	0.00	0.92	0
CO1584+	CO1532	2.97	1 1-	4ACSR	0	0	1667	335	2	0	0	0.00	0.92	0
CO1580+	CO1532	2.97	2 1-	4ACSR	0	0	1667	335	3	0	0	0.00	0.92	0
CO1585+	CO1763	2.89	2 1-	4ACSR	0	0	1683	335	14	0	1	0.00	0.92	0
CO2494+	CO2571	2.58	1 1-	2ACSR	0	0	1756	337	9	0	0	0.00	0.92	0
CO2445+	CO2651	2.54	2 1-	4ACSR	0	0	1754	336	10	0	0	0.00	0.92	0
CO2718+	CO2569	2.33	2 1-	4ACSR	0	0	1813	338	8	0	0	0.00	0.92	0
CO2717+	CO2718	2.37	1 1-	4ACSR	0	0	1793	337	4	0	0	0.00	0.92	0
CO2722+	CO2568	2.15	4 1-	4ACSR	0	0	1857	338	45	3	2	0.00	0.92	0
CO2719+	CO2722	2.17	2 1-	4ACSR	0	0	1845	338	17	1	1	0.00	0.92	0
CO2721+	CO2719	2.19	2 1-	4ACSR	0	0	1837	337	17	1	1	0.00	0.92	0
CO2720+	CO2721	2.23	1 1-	4ACSR	0	0	1820	337	12	0	1	0.00	0.92	0
CO2444+	CO2389	1.98	1 1-	4ACSR	0	0	1901	339	5	0	0	0.00	0.91	0
OC-681621843+	CO2444	1.98	0 1-	20 N FUSE	0	0	1901	339	0	0	0	0.00	0.91	0
CO2390+	CO2389	2.03	91 3-	1/0ACSR	2087	2023	1888	339	601	13	6	0.01	0.92	10
CO2681+	CO2390	2.05	5 1-	4ACSR	0	0	1878	339	22	1	1	0.00	0.92	0
OC-1293230152+	CO2681	2.05	3 1-	20 N FUSE	0	0	1878	339	13	0	4	0.00	0.92	0
CO2443+	OC-1293230152	2.10	1 1-	4ACSR	0	0	1855	338	4	0	0	0.00	0.92	0
CO2680+	OC-1293230152	2.08	2 1-	4ACSR	0	0	1861	338	9	0	0	0.00	0.92	0
CO2391+	CO2390	2.14	86 3-	1/0ACSR	2054	1986	1847	338	579	12	6	0.01	0.93	10
CO2519+	CO2391	2.21	65 3-	1/0ACSR	2034	1964	1823	337	458	10	4	0.00	0.94	4
CO2790+	CO2519	2.24	20 1-	2ACSR	0	0	1808	337	148	10	6	0.01	0.94	0
CO2792+	CO2790	2.27	17 1-	2ACSR	0	0	1799	336	124	8	5	0.00	0.95	0
CO2793+	CO2792	2.31	17 1-	2ACSR	0	0	1782	336	124	8	5	0.01	0.95	0
CO2794+	CO2793	2.34	13 1-	2ACSR	0	0	1769	335	92	6	4	0.00	0.95	0
CO2797+	CO2794	2.43	11 1-	2ACSR	0	0	1738	334	80	5	3	0.01	0.96	0
CO2796+	CO2797	2.48	9 1-	2ACSR	0	0	1717	333	60	4	2	0.00	0.96	0
CO2795+	CO2796	2.51	8 1-	2ACSR	0	0	1706	333	48	3	2	0.00	0.97	0
CO2847+	CO2795	2.57	5 1-	2ACSR	0	0	1685	332	32	2	1	0.00	0.97	0
CO2848+	CO2847	2.62	2 1-	2ACSR	0	0	1665	331	18	1	1	0.00	0.97	0
CO2488+	CO2847	2.62	2 1-	2ACSR	0	0	1667	331	11	0	0	0.00	0.97	0
CO2487+	CO2797	2.46	0 1-	2ACSR	0	0	1726	334	0	0	0	0.00	0.96	0
CO2495+	CO2793	2.34	2 1-	2ACSR	0	0	1769	335	17	1	1	0.00	0.95	0
CO2518+	CO2519	2.25	43 3-	1/0ACSR	2020	1949	1807	337	300	6	3	0.00	0.94	0
CO2516+	CO2518	2.29	43 3-	1/0ACSR	2008	1936	1792	336	300	6	3	0.00	0.94	0
CO2517+	CO2516	2.34	41 3-	1/0ACSR	1994	1920	1776	336	278	6	3	0.00	0.94	0
CO2856+	CO2517	2.47	1 1-	1/0PRIURD	0	0	1752	757	7	0	0	0.00	0.94	0
CO2565+	CO2517	2.38	40 3-	1/0ACSR	1984	1910	1764	336	271	6	3	0.00	0.94	0
CO2563+	CO2565	2.42	40 3-	1/0ACSR	1970	1895	1748	335	271	6	3	0.00	0.94	0
CO2564+	CO2563	2.48	40 3-	1/0ACSR	1956	1879	1731	335	271	6	3	0.00	0.95	0
CO2562+	CO2564	2.57	39 3-	1/0ACSR	1929	1851	1701	334	262	5	3	0.00	0.95	0
CO2561+	CO2562	2.61	37 3-	1/0ACSR	1920	1841	1690	333	245	5	2	0.00	0.95	0
CO2828+	CO2561	2.65	35 3-	1/0ACSR	1907	1827	1675	333	239	5	2	0.00	0.95	0
CO2829+	CO2828	2.69	33 3-	1/0PRIURD	1904	1821	1665	743	231	5	4	0.00	0.95	0
CO2818+	CO2829	2.73	32 3-	1/0PRIURD	1901	1815	1654	740	225	5	3	0.00	0.96	0
CO2817+	CO2818	2.85	31 3-	1/0PRIURD	1892	1797	1623	733	208	4	3	0.00	0.96	0
CO2816+	CO2817	2.93	30 3-	1/0PRIURD	1885	1785	1602	728	192	4	3	0.00	0.96	0
CO8214+	CO2816	2.98	29 3-	1/0PRIURD	1881	1778	1590	726	191	4	3	0.00	0.96	0
CO1530+	CO8214	3.06	2 1-	1/0PRIURD	0	0	1569	721	11	0	1	0.00	0.96	0
CO8224+	CO1530	3.20	1 1-	1/0PRIURD	0	0	1535	713	1	0	0	0.00	0.96	0
CO2846+	CO8224	3.21	0 1-	1/0PRIURD	0	0	1532	713	0	0	0	0.00	0.96	0
CO1582+	CO1530	3.17	1 1-	1/0PRIURD	0	0	1542	715	10	0	0	0.00	0.96	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1651+	CO8214	3.03	27 3-	1/0PRIURD	1876	1770	1577	722	179	4	3	0.00	0.96	0
CO1652+	CO1651	3.08	26 3-	1/0PRIURD	1872	1763	1565	720	179	4	3	0.00	0.97	0
CO8234+	CO1652	3.28	1 1-	1/0PRIURD	0	0	1516	709	8	0	0	0.00	0.97	0
CO2819+	CO8234	3.40	0 1-	1/0PRIURD	0	0	1489	703	0	0	0	0.00	0.97	0
CO1581+	CO1652	3.10	1 1-	1/0PRIURD	0	0	1560	719	5	0	0	0.00	0.97	0
CO1531+	CO1652	3.25	24 3-	1/0PRIURD	1858	1738	1525	710	166	3	3	0.00	0.97	0
CO8217+	CO1531	3.48	22 3-	1/0PRIURD	1836	1704	1471	697	162	3	2	0.01	0.98	0
CO8218+	CO8217	3.74	20 3-	1/0PRIURD	1813	1680	1417	683	151	3	2	0.01	0.98	0
CO2344+	CO8218	3.76	2 1-	1/0PRIURD	0	0	1412	682	15	1	1	0.00	0.98	0
CO2063+	CO8218	3.79	18 2-	1/0PRIURD	0	1676	1407	681	136	4	3	0.00	0.98	0
CO2346+	CO2063	3.85	17 2-	1/0PRIURD	0	1670	1394	678	127	4	3	0.00	0.99	0
CO2347+	CO2346	3.90	15 2-	1/0PRIURD	0	1666	1383	675	118	3	3	0.00	0.99	0
CO2348+	CO2347	3.92	15 2-	1/0PRIURD	0	1664	1380	674	118	3	3	0.00	0.99	0
CO2114+	CO2348	3.95	2 2-	1/0PRIURD	0	1661	1374	673	34	1	1	0.00	0.99	0
CO-863124013+	CO2348	3.95	13 2-	1/0PRIURD	0	1661	1376	673	85	2	2	0.00	0.99	0
CO2123+	CO-863124013	3.97	1 1-	1/0PRIURD	0	0	1372	672	5	0	0	0.00	0.99	0
CO-1205431360+	CO-863124013	4.04	12 2-	1/0PRIURD	0	1652	1363	669	80	2	2	0.00	0.99	0
CO2350+	CO-1205431360	4.06	12 2-	1/0PRIURD	0	1650	1358	667	80	2	2	0.00	0.99	0
CO2351+	CO2350	4.11	10 2-	1/0PRIURD	0	1646	1349	665	66	2	1	0.00	0.99	0
CO2352+	CO2351	4.20	9 2-	1/0PRIURD	0	1638	1331	661	51	1	1	0.00	1.00	0
CO2353+	CO2352	4.27	7 2-	1/0PRIURD	0	1632	1320	658	42	1	1	0.00	1.00	0
CO2354+	CO2353	4.44	5 2-	1/0PRIURD	0	1617	1288	649	25	0	1	0.00	1.00	0
CO2355+	CO2354	4.50	1 2-	1/0PRIURD	0	1612	1278	647	1	0	0	0.00	1.00	0
CO2345+	CO2063	3.81	1 2-	1/0PRIURD	0	1673	1401	679	9	0	0	0.00	0.98	0
CO2113+	CO2063	3.83	0 2-	1/0PRIURD	0	1672	1399	679	0	0	0	0.00	0.98	0
CO2342+	CO8217	3.69	2 1-	1/0PRIURD	0	0	1427	687	11	0	0	0.00	0.98	0
CO2343+	CO2342	3.72	1 1-	1/0PRIURD	0	0	1421	685	9	0	0	0.00	0.98	0
CO1583+	CO1531	3.31	2 2-	1/0PRIURD	0	1729	1511	707	4	0	0	0.00	0.97	0
CO2442+	CO2561	2.67	2 1-	1/0PRIURD	0	0	1680	745	6	0	0	0.00	0.95	0
CO2791+	CO2519	2.24	2 1-	2ACSR	0	0	1811	337	10	0	0	0.00	0.94	0
CO2435+	CO2391	2.28	1 1-	4ACSR	0	0	1783	335	3	0	0	0.00	0.93	0
CO2434+	CO2391	2.27	0 1-	4ACSR	0	0	1786	335	0	0	0	0.00	0.93	0
CO2392+	CO2391	2.26	20 3-	6ACWC	2005	1930	1789	335	117	2	2	0.01	0.94	0
CO2520+	CO2392	2.41	1 1-	6ACWC	0	0	1721	332	1	0	0	0.00	0.94	0
OC1819925872+	CO2520	2.41	1 1-	20 N FUSE	0	0	1721	332	1	0	0	0.00	0.94	0
CO2523+	OC1819925872	2.48	1 1-	6ACWC	0	0	1692	331	1	0	0	0.00	0.94	0
CO2521+	CO2523	2.58	1 1-	6ACWC	0	0	1652	329	1	0	0	0.00	0.94	0
CO2522+	CO2521	2.71	1 1-	6ACWC	0	0	1598	326	1	0	0	0.00	0.94	0
CO8248+	CO2522	2.76	1 1-	6ACWC	0	0	1576	325	1	0	0	0.00	0.94	0
CO2908+	CO8248	2.90	1 1-	6ACWC	0	0	1525	323	1	0	0	0.00	0.94	0
CO2907+	CO2908	2.99	1 1-	6ACWC	0	0	1490	321	1	0	0	0.00	0.94	0
CO2906+	CO2907	3.09	1 1-	6ACWC	0	0	1457	319	1	0	0	0.00	0.94	0
CO2393+	CO2392	2.34	18 1-	6ACWC	0	0	1755	334	105	7	5	0.01	0.95	0
CO2679+	CO2393	2.37	2 1-	4ACSR	0	0	1739	333	4	0	0	0.00	0.95	0
CO2678+	CO2679	2.42	1 1-	4ACSR	0	0	1717	332	2	0	0	0.00	0.95	0
CO2394+	CO2393	2.38	16 1-	6ACWC	0	0	1735	333	101	6	5	0.01	0.96	0
CO2677+	CO2394	2.42	1 1-	4ACSR	0	0	1719	332	11	0	1	0.00	0.96	0
CO2676+	CO2677	2.44	1 1-	4ACSR	0	0	1708	332	11	0	1	0.00	0.96	0
CO2395+	CO2394	2.45	15 1-	6ACWC	0	0	1704	331	90	6	4	0.01	0.97	0
CO2514+	CO2395	2.56	13 1-	6ACWC	0	0	1658	329	81	5	4	0.01	0.98	0
CO2513+	CO2514	2.58	13 1-	6ACWC	0	0	1651	329	81	5	4	0.00	0.98	0
CO2515+	CO2513	2.60	4 1-	6ACWC	0	0	1640	328	17	1	1	0.00	0.98	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2690+	CO2515	2.62	4 1-	4ACSR	0	0	1634	328	17	1	1	0.00	0.98	0
CO2687+	CO2690	2.64	2 1-	4ACSR	0	0	1625	328	11	0	1	0.00	0.98	0
CO2689+	CO2687	2.72	2 1-	4ACSR	0	0	1594	326	11	0	1	0.00	0.99	0
CO2688+	CO2689	2.76	1 1-	4ACSR	0	0	1575	325	10	0	1	0.00	0.99	0
CO2682+	CO2513	2.60	9 1-	4ACSR	0	0	1641	328	65	4	3	0.00	0.99	0
CO2684+	CO2682	2.68	8 1-	4ACSR	0	0	1608	327	57	3	3	0.01	0.99	0
CO2686+	CO2684	2.70	0 1-	4ACSR	0	0	1599	326	0	0	0	0.00	0.99	0
CO2685+	CO2686	2.73	0 1-	4ACSR	0	0	1589	326	0	0	0	0.00	0.99	0
CO2683+	CO2684	2.73	4 1-	4ACSR	0	0	1589	326	27	1	1	0.00	0.99	0
CO2433+	CO2395	2.49	2 1-	4ACSR	0	0	1688	331	8	0	0	0.00	0.97	0
CO923973327+	CO2509	1.61	1 1-	2ACSR	0	0	2060	343	6	0	0	0.00	0.86	0
CO2694+	CO2507	1.55	3 1-	4ACSR	0	0	2079	343	9	0	0	0.00	0.84	0
OC1906426494+	CO2694	1.55	2 1-	20 N FUSE	0	0	2079	343	8	0	3	0.00	0.84	0
CO2693+	OC1906426494	1.70	2 1-	4ACSR	0	0	1993	340	8	0	0	0.00	0.85	0
CO2437+	CO2507	1.54	1 1-	4ACSR	0	0	2084	344	10	0	0	0.00	0.84	0
OC-450118243+	CO2437	1.54	0 1-	20 N FUSE	0	0	2084	344	0	0	0	0.00	0.84	0
CO2483+	CO2506	1.41	1 1-	2ACSR	0	0	2150	345	2	0	0	0.00	0.83	0
OC2043944805+	CO2483	1.41	0 1-	20 N FUSE	0	0	2150	345	0	0	0	0.00	0.83	0
CO2696+	CO2524	1.40	1 1-	4ACSR	0	0	2151	345	4	0	0	0.00	0.82	0
OC1944287655+	CO2696	1.40	1 1-	20 N FUSE	0	0	2151	345	4	0	1	0.00	0.82	0
CO2695+	OC1944287655	1.46	1 1-	4ACSR	0	0	2117	344	4	0	0	0.00	0.82	0
CO2501+	CO2573	1.33	738 3-	1/0ACSR	2322	2283	2189	346	4891	110	48	0.10	0.90	720
CO2500+	CO2501	1.37	735 3-	1/0ACSR	2308	2268	2170	346	4733	107	47	0.04	0.94	250
CO2672+	CO2500	1.45	1 1-	4ACSR	0	0	2125	344	1	0	0	0.00	0.94	0
OC642778976+	CO2672	1.45	1 1-	20 N FUSE	0	0	2125	344	1	0	0	0.00	0.94	0
CO2673+	OC642778976	1.60	1 1-	4ACSR	0	0	2034	341	1	0	0	0.00	0.94	0
CO2671+	CO2673	1.74	0 1-	4ACSR	0	0	1956	338	0	0	0	0.00	0.94	0
CO2430+	OC642778976	1.49	0 1-	4ACSR	0	0	2100	343	0	0	0	0.00	0.94	0
CO2385+	CO2500	1.56	734 3-	1/0ACSR	2241	2193	2082	344	4731	107	47	0.18	1.11	1251
CO2431+	CO2385	1.64	1 1-	4ACSR	0	0	2039	342	14	0	1	0.00	1.11	0
OC-294088462+	CO2431	1.64	0 1-	20 N FUSE	0	0	2039	342	0	0	0	0.00	1.11	0
CO2386+	CO2385	1.64	733 3-	1/0ACSR	2215	2164	2048	343	4711	106	47	0.07	1.18	497
CO2432+	CO2386	1.70	3 1-	4ACSR	0	0	2011	342	13	0	1	0.00	1.18	0
OC1478384798+	CO2432	1.70	0 1-	20 N FUSE	0	0	2011	342	0	0	0	0.00	1.18	0
CO2387+	CO2386	1.79	730 3-	1/0ACSR	2164	2107	1983	342	4695	106	46	0.14	1.33	1005
CO2836+	CO2387	1.80	2 1-	4ACSR	0	0	1977	341	10	0	1	0.00	1.33	0
OC76+	CO2836	1.80	2 1-	10 N FUSE	0	0	1977	341	10	0	7	0.00	1.33	0
CO2837+	OC76	2.61	2 1-	4ACSR	0	0	1594	324	10	0	1	0.01	1.34	0
CO8247+	CO2837	2.99	2 1-	4ACSR	0	0	1450	317	10	0	1	0.01	1.35	0
CO2904+	CO8247	3.05	2 1-	2ACSR	0	0	1432	316	10	0	0	0.00	1.35	0
CO1390685920+	CO2904	3.17	1 1-	2ACSR	0	0	1400	315	7	0	0	0.00	1.35	0
CO429209606+	CO2904	3.13	1 1-	2ACSR	0	0	1410	315	3	0	0	0.00	1.35	0
CO2905+	CO429209606	3.23	1 1-	4ACSR	0	0	1378	314	3	0	0	0.00	1.35	0
CO803186519+	CO429209606	3.44	0 1-	2ACSR	0	0	1331	311	0	0	0	0.00	1.35	0
CO2398+	CO2387	1.90	728 3-	1/0ACSR	2129	2069	1939	340	4680	106	46	0.10	1.42	696
CO1391025622+	CO2398	2.00	722 3-	1/0ACSR	2096	2031	1896	339	4627	105	46	0.10	1.52	671
CO1872941073+	CO1391025622	2.07	722 3-	1/0ACSR	2074	2007	1868	339	4624	105	46	0.06	1.59	451
CO2539+	CO1872941073	2.19	720 3-	1/0ACSR	2040	1970	1827	337	4617	105	46	0.10	1.69	706
CO2709+	CO2539	2.24	2 1-	1/0ACSR	0	0	1808	337	9	0	0	0.00	1.69	0
CO2399+	CO2539	2.27	716 3-	1/0ACSR	2015	1943	1798	337	4586	104	45	0.08	1.76	525
CO2838+	CO2399	2.28	49 1-	2ACSR	0	0	1795	336	322	22	12	0.00	1.77	0
OC77+	CO2838	2.28	49 1-	70 4E OCR	0	0	1795	336	322	22	32	0.00	1.77	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2839+	OC77	2.32	49 1-	2ACSR	0	0	1779	336	322	22	12	0.01	1.78	7
CO2542+	CO2839	2.36	45 1-	2ACSR	0	0	1763	335	299	20	11	0.01	1.79	6
CO2541+	CO2542	2.40	42 1-	2ACSR	0	0	1748	335	288	19	11	0.01	1.81	5
CO2544+	CO2541	2.45	35 1-	2ACSR	0	0	1730	334	255	17	10	0.01	1.82	5
CO2543+	CO2544	2.50	33 1-	2ACSR	0	0	1710	333	248	17	10	0.01	1.83	5
CO2545+	CO2543	2.56	31 1-	2ACSR	0	0	1688	332	236	16	9	0.01	1.85	5
CO2547+	CO2545	2.63	27 1-	2ACSR	0	0	1665	331	198	13	8	0.01	1.86	4
CO2546+	CO2547	2.72	24 1-	2ACSR	0	0	1634	330	171	11	7	0.02	1.88	4
CO2549+	CO2546	2.75	15 1-	2ACSR	0	0	1623	330	92	6	4	0.00	1.88	0
CO2548+	CO2549	2.77	13 1-	2ACSR	0	0	1615	329	84	5	3	0.00	1.88	0
CO2550+	CO2548	2.82	4 1-	2ACSR	0	0	1598	329	25	1	1	0.00	1.88	0
CO2552+	CO2550	2.95	3 1-	2ACSR	0	0	1558	327	12	0	0	0.00	1.89	0
CO2551+	CO2552	3.03	3 1-	2ACSR	0	0	1534	326	12	0	0	0.00	1.89	0
CO2830+	CO2551	3.07	3 1-	1/0PRIURD	0	0	1524	707	12	0	1	0.00	1.89	0
CO2831+	CO2830	3.14	1 1-	1/0PRIURD	0	0	1507	703	3	0	0	0.00	1.89	0
CO2707+	CO2548	2.82	9 1-	2ACSR	0	0	1600	329	59	4	2	0.00	1.89	0
CO2706+	CO2707	2.86	7 1-	2ACSR	0	0	1587	328	47	3	2	0.00	1.89	0
CO2708+	CO2706	2.89	4 1-	2ACSR	0	0	1577	328	19	1	1	0.00	1.89	0
CO1296098099+	CO2708	2.95	2 1-	2ACSR	0	0	1559	327	5	0	0	0.00	1.89	0
CO2449+	CO2708	3.00	1 1-	4ACSR	0	0	1536	325	7	0	0	0.00	1.89	0
CO2438+	CO2706	2.90	2 1-	2ACSR	0	0	1572	327	18	1	1	0.00	1.89	0
CO2704+	CO2546	2.77	1 1-	2ACSR	0	0	1617	329	3	0	0	0.00	1.88	0
CO2705+	CO2704	2.80	1 1-	2ACSR	0	0	1607	329	3	0	0	0.00	1.88	0
CO2480+	CO2546	2.77	7 1-	2ACSR	0	0	1617	329	74	5	3	0.00	1.88	0
CO-887944937+	CO2480	2.98	4 1-	1/0PRIURD	0	0	1563	717	37	2	2	0.00	1.88	0
CO-350058162+	CO2480	2.82	2 1-	1/0PRIURD	0	0	1604	725	23	1	1	0.00	1.88	0
CO2477+	CO2544	2.49	2 1-	2ACSR	0	0	1714	333	6	0	0	0.00	1.82	0
CO2697+	CO2541	2.43	4 1-	2ACSR	0	0	1735	334	22	1	1	0.00	1.81	0
CO2699+	CO2697	2.47	3 1-	2ACSR	0	0	1723	334	18	1	1	0.00	1.81	0
CO2701+	CO2699	2.53	1 1-	2ACSR	0	0	1701	333	5	0	0	0.00	1.81	0
CO2700+	CO2701	2.56	1 1-	2ACSR	0	0	1687	332	5	0	0	0.00	1.81	0
CO2698+	CO2699	2.50	2 1-	2ACSR	0	0	1709	333	12	0	0	0.00	1.81	0
CO2703+	CO2839	2.36	4 1-	2ACSR	0	0	1762	335	23	1	1	0.00	1.78	0
CO2702+	CO2703	2.39	1 1-	2ACSR	0	0	1751	335	5	0	0	0.00	1.78	0
CO2397+	CO2399	2.35	667 3-	1/0ACSR	1991	1917	1770	336	4262	97	42	0.07	1.83	436
CO8238+	CO2397	2.39	665 3-	1/0ACSR	1980	1905	1757	335	4244	96	42	0.03	1.86	210
CO3709+	CO8238	2.43	662 3-	1/0ACSR	1969	1893	1744	335	4219	96	42	0.03	1.90	205
CO3808+	CO3709	2.43	27 1-	2ACSR	0	0	1742	335	180	12	7	0.00	1.90	0
OC97+	CO3808	2.43	27 1-	70 4E OCR	0	0	1742	335	180	12	18	0.00	1.90	0
CO17308+	OC97	2.45	27 1-	2ACSR	0	0	1736	335	180	12	7	0.00	1.90	0
CO17309+	CO17308	2.49	26 1-	2ACSR	0	0	1721	334	176	12	7	0.01	1.91	0
CO3710+	CO17309	2.57	26 1-	2ACSR	0	0	1693	333	176	12	7	0.01	1.92	4
CO3711+	CO3710	2.61	25 1-	2ACSR	0	0	1679	332	155	10	6	0.01	1.93	0
CO3713+	CO3711	2.66	23 1-	2ACSR	0	0	1659	332	139	9	5	0.01	1.94	0
CO3714+	CO3713	2.71	22 1-	2ACSR	0	0	1643	331	129	8	5	0.01	1.94	0
CO8245+	CO3714	2.79	8 1-	2ACSR	0	0	1618	330	36	2	1	0.00	1.95	0
CO2712+	CO8245	2.80	8 1-	2ACSR	0	0	1613	330	36	2	1	0.00	1.95	0
CO2713+	CO2712	2.87	2 1-	2ACSR	0	0	1591	329	10	0	0	0.00	1.95	0
CO2448+	CO2712	2.86	2 1-	4ACSR	0	0	1588	328	9	0	0	0.00	1.95	0
CO2482+	CO8245	2.81	0 1-	2ACSR	0	0	1610	329	0	0	0	0.00	1.95	0
CO3019+	CO3714	2.76	13 1-	2ACSR	0	0	1625	330	81	5	3	0.00	1.95	0
CO3715+	CO3019	2.81	10 1-	2ACSR	0	0	1609	329	64	4	2	0.00	1.95	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8246+	CO3715	2.85	10 1-	2ACSR	0	0	1597	329	64	4	2	0.00	1.95	0
CO2714+	CO8246	2.92	8 1-	2ACSR	0	0	1575	328	48	3	2	0.00	1.96	0
CO2832+	CO2714	3.01	6 1-	1/0PRIURD	0	0	1552	715	31	2	1	0.00	1.96	0
CO2834+	CO2832	3.02	0 1-	1/0PRIURD	0	0	1549	714	0	0	0	0.00	1.96	0
CO2835+	CO2834	3.05	0 1-	1/0PRIURD	0	0	1541	713	0	0	0	0.00	1.96	0
CO2833+	CO2832	3.14	4 1-	1/0PRIURD	0	0	1520	708	8	0	0	0.00	1.96	0
CO3113+	CO3019	2.81	2 1-	2ACSR	0	0	1609	329	7	0	0	0.00	1.95	0
CO3205+	CO3113	2.87	0 1-	2ACSR	0	0	1591	329	0	0	0	0.00	1.95	0
CO3712+	CO3711	2.63	2 1-	2ACSR	0	0	1670	332	17	1	1	0.00	1.93	0
CO8262+	CO3712	2.70	0 1-	2ACSR	0	0	1647	331	0	0	0	0.00	1.93	0
CO3214+	CO3712	2.68	2 1-	2ACSR	0	0	1654	331	17	1	1	0.00	1.93	0
CO3840+	CO3709	2.49	635 3-	1/0ACSR	1951	1874	1723	334	4038	92	40	0.05	1.95	308
CO3708+	CO3840	2.62	635 3-	1/0ACSR	1916	1836	1683	333	4036	92	40	0.10	2.05	627
CO3695+	CO3708	2.72	50 3-	2ACSR	1884	1801	1647	332	351	8	5	0.01	2.06	6
CO3698+	CO3695	2.75	20 1-	2ACSR	0	0	1638	331	125	8	5	0.00	2.06	0
CO3699+	CO3698	2.78	0 1-	2ACSR	0	0	1627	331	0	0	0	0.00	2.06	0
CO72746847+	CO3698	2.78	17 1-	2ACSR	0	0	1627	331	100	6	4	0.00	2.07	0
CO1566374362+	CO72746847	2.83	17 1-	2ACSR	0	0	1610	330	100	6	4	0.01	2.07	0
CO1514842378+	CO1566374362	2.92	11 1-	2ACSR	0	0	1583	329	69	4	3	0.01	2.08	0
CO974344906+	CO1514842378	2.96	4 1-	2ACSR	0	0	1570	328	24	1	1	0.00	2.08	0
CO503884482+	CO974344906	2.98	1 1-	2ACSR	0	0	1564	328	8	0	0	0.00	2.08	0
CO-621327499+	CO1514842378	2.94	6 1-	2ACSR	0	0	1575	328	38	2	1	0.00	2.08	0
CO-58995674+	CO-621327499	2.98	5 1-	2ACSR	0	0	1563	328	29	2	1	0.00	2.08	0
CO784777126+	CO1566374362	2.88	3 1-	2ACSR	0	0	1596	329	11	0	0	0.00	2.07	0
CO-482639840+	CO1566374362	2.87	3 1-	2ACSR	0	0	1597	329	19	1	1	0.00	2.07	0
CO3696+	CO3695	2.75	30 3-	2ACSR	1877	1793	1638	331	226	5	3	0.00	2.06	0
OC-337950959+	CO3696	2.75	30 3-	20 N FUSE	1877	1793	1638	331	226	5	26	0.00	2.06	0
CO3697+	OC-337950959	2.77	30 3-	2ACSR	1870	1785	1631	331	226	5	3	0.00	2.06	0
CO3706+	CO3697	2.80	6 1-	2ACSR	0	0	1622	330	41	2	2	0.00	2.06	0
OC1705993658+	CO3706	2.80	1 1-	20 N FUSE	0	0	1622	330	8	0	3	0.00	2.06	0
CO3707+	OC1705993658	2.83	1 1-	2ACSR	0	0	1611	330	8	0	0	0.00	2.06	0
CO3702+	CO3697	2.83	19 3-	2ACSR	1853	1767	1612	330	148	3	2	0.00	2.06	0
CO3704+	CO3702	2.85	8 1-	2ACSR	0	0	1604	330	53	3	2	0.00	2.07	0
OC-438170994+	CO3704	2.85	4 1-	20 N FUSE	0	0	1604	330	28	1	10	0.00	2.07	0
CO3705+	OC-438170994	2.88	4 1-	2ACSR	0	0	1593	329	28	1	1	0.00	2.07	0
CO3703+	CO3702	2.86	6 3-	2ACSR	1844	1757	1601	330	59	1	1	0.00	2.06	0
CO3700+	CO3703	2.90	3 1-	2ACSR	0	0	1588	329	24	1	1	0.00	2.07	0
OC-37425032+	CO3700	2.90	1 1-	20 N FUSE	0	0	1588	329	8	0	3	0.00	2.07	0
CO3701+	OC-37425032	2.94	1 1-	2ACSR	0	0	1577	329	8	0	0	0.00	2.07	0
CO3694+	CO3708	2.65	584 3-	1/0ACSR	1907	1826	1672	333	3680	83	36	0.02	2.07	137
CO3121+	CO3694	2.70	1 1-	4ACSR	0	0	1656	332	6	0	0	0.00	2.07	0
OC-652523128+	CO3121	2.70	0 1-	20 N FUSE	0	0	1656	332	0	0	0	0.00	2.07	0
XFMR115	CO3694	2.65	583 3-	1000 KVA 1PH AU	1723	1697	1623	176	3673	83	121	1.02	3.10	0
CO3026	XFMR115	2.69	583 3-	1/0ACSR	1709	1681	1604	176	3673	167	73	0.10	3.19	572
CO3011	CO3026	2.77	582 3-	1/0ACSR	1677	1645	1562	176	3659	166	73	0.23	3.42	1325
CO3693	CO3011	2.81	577 3-	1/0ACSR	1662	1629	1543	175	3640	166	72	0.11	3.53	612
CO3692	CO3693	2.90	577 3-	1/0ACSR	1631	1594	1502	175	3637	166	72	0.23	3.76	1360
CO3691	CO3692	2.94	575 3-	1/0ACSR	1616	1577	1482	175	3626	166	72	0.11	3.88	656
CO3010	CO3691	3.00	573 3-	4/0AAAC	1600	1559	1462	175	3615	165	42	0.09	3.96	462
CO3009	CO3010	3.09	531 3-	4/0AAAC	1575	1532	1430	174	3339	152	39	0.12	4.08	613
CO3008	CO3009	3.19	527 3-	4/0AAAC	1551	1505	1400	174	3316	152	38	0.12	4.21	619
CO3007	CO3008	3.30	475 3-	4/0AAAC	1522	1473	1363	174	2981	136	35	0.13	4.34	626

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3633	CO3007	3.39	468 3-	4/0AAAC	1502	1451	1339	173	2961	135	34	0.09	4.43	430
CO3632	CO3633	3.43	467 3-	4/0AAAC	1490	1439	1325	173	2956	135	34	0.05	4.49	251
CO3006	CO3632	3.53	462 3-	4/0AAAC	1468	1415	1298	173	2929	134	34	0.11	4.59	484
CO3090	CO3006	3.59	2 1-	4ACSR	0	0	1271	172	3	0	0	0.00	4.59	0
OC531713936	CO3090	3.59	0 1-	20 N FUSE	0	0	1271	172	0	0	0	0.00	4.59	0
CO3089	CO3006	3.59	0 1-	4ACSR	0	0	1271	172	0	0	0	0.00	4.59	0
OC1348614071	CO3089	3.59	0 1-	20 N FUSE	0	0	1271	172	0	0	0	0.00	4.59	0
CO3023	CO3006	3.64	458 3-	4/0AAAC	1443	1388	1268	173	2916	133	34	0.12	4.72	570
CO3119	CO3023	3.74	5 1-	4ACSR	0	0	1227	172	17	2	2	0.01	4.72	0
OC560474715	CO3119	3.74	0 1-	20 N FUSE	0	0	1227	172	0	0	0	0.00	4.72	0
CO3024	CO3023	3.69	452 3-	4/0AAAC	1431	1375	1254	172	2887	132	34	0.06	4.78	266
CO3003	CO3024	3.72	449 3-	4/0AAAC	1426	1370	1248	172	2866	131	33	0.03	4.80	116
CO3002	CO3003	3.81	427 3-	4/0AAAC	1406	1348	1225	172	2729	125	32	0.10	4.90	423
FD1972142344	CO3002	3.81	381 3-	_DefaultBayEqui	1406	1348	1225	172	2366	108	0	0.00	4.90	0
CO3001	FD1972142344	3.90	381 3-	4/0AAAC	1389	1330	1204	172	2366	108	28	0.07	4.97	277
OC1972142344	CO3001	3.90	378 3-	20 N FUSE	1389	1330	1204	172	2351	108	540	0.00	4.97	0
CO3586	OC1972142344	3.93	378 3-	4/0AAAC	1381	1322	1196	172	2351	108	27	0.03	5.00	119
CO3585	CO3586	4.01	378 3-	4/0AAAC	1365	1304	1177	172	2351	108	27	0.07	5.06	267
CO3583	CO3585	4.05	4 1-	4ACSR	0	0	1163	171	38	5	4	0.01	5.07	0
OC-1174440487	CO3583	4.05	3 1-	20 N FUSE	0	0	1163	171	26	3	19	0.00	5.07	0
CO3584	OC-1174440487	4.13	3 1-	4ACSR	0	0	1133	170	26	3	3	0.01	5.08	0
CO3582	CO3585	4.06	373 3-	4/0AAAC	1356	1295	1167	171	2305	105	27	0.04	5.10	146
CO3581	CO3582	4.13	373 3-	4/0AAAC	1341	1279	1151	171	2304	105	27	0.06	5.16	236
CO3580	CO3581	4.14	373 3-	4/0AAAC	1339	1277	1148	171	2303	105	27	0.01	5.17	37
CO30667	CO3580	4.21	366 3-	4/0AAAC	1327	1264	1135	171	2251	104	27	0.06	5.23	195
CO3574	CO30667	4.23	366 3-	4/0AAAC	1322	1259	1129	171	2250	104	27	0.03	5.26	84
CO1847633510	CO3574	4.31	364 3-	4/0ACSR	1305	1241	1109	171	2239	104	31	0.08	5.34	254
OC714252813	CO1847633510	4.31	360 3-	20 N FUSE	1305	1241	1109	171	2183	101	509	0.00	5.34	0
CO-1948090425	OC714252813	4.42	360 3-	4/0ACSR	1285	1220	1084	170	2183	101	30	0.10	5.43	306
CO3568	CO-1948090425	4.50	3 1-	4/0AAAC	0	0	1068	170	9	1	0	0.00	5.43	0
OC1298901616	CO3568	4.50	2 1-	20 N FUSE	0	0	1068	170	6	0	4	0.00	5.43	0
CO3569	OC1298901616	4.70	1 1-	4/0AAAC	0	0	1032	169	3	0	0	0.00	5.43	0
CO3570	CO3569	4.74	1 1-	4/0AAAC	0	0	1026	169	3	0	0	0.00	5.44	0
CO3566	OC1298901616	4.56	1 1-	2ACSR	0	0	1051	170	3	0	0	0.00	5.43	0
CO3567	CO3566	4.62	1 1-	2ACSR	0	0	1035	169	3	0	0	0.00	5.43	0
CO3565	CO-1948090425	4.46	357 3-	4/0AAAC	1277	1212	1076	170	2173	101	26	0.04	5.47	124
CO3836	CO3565	4.54	352 3-	4/0AAAC	1263	1197	1061	170	2111	98	25	0.07	5.54	219
CO3557	CO3836	4.63	6 1-	4ACSR	0	0	1031	169	24	3	2	0.01	5.55	0
OC-1899465917	CO3557	4.63	4 1-	20 N FUSE	0	0	1031	169	21	2	15	0.00	5.55	0
CO3558	OC-1899465917	4.77	4 1-	4ACSR	0	0	988	167	21	2	2	0.02	5.57	0
CO3559	CO3558	4.80	3 1-	4ACSR	0	0	981	167	21	2	2	0.00	5.58	0
CO3560	CO3559	4.84	3 1-	4ACSR	0	0	967	167	21	2	2	0.01	5.58	0
CO3561	CO3560	4.89	3 1-	4ACSR	0	0	954	166	21	2	2	0.01	5.59	0
CO3562	CO3561	5.13	2 1-	4ACSR	0	0	890	164	13	1	1	0.02	5.61	0
CO3835	CO3562	5.17	1 1-	4ACSR	0	0	878	163	5	0	1	0.00	5.61	0
CO3563	CO3562	5.22	1 1-	4ACSR	0	0	866	163	8	1	1	0.01	5.62	0
CO3564	CO3563	5.27	1 1-	4ACSR	0	0	854	162	8	1	1	0.00	5.62	0
CO3063	CO3836	4.64	345 3-	4/0AAAC	1246	1180	1043	170	2084	97	25	0.09	5.63	268
CO3556	CO3063	4.77	341 3-	4/0AAAC	1225	1157	1020	169	2078	96	25	0.11	5.74	346
CO3555	CO3556	4.92	340 3-	4/0AAAC	1200	1132	994	169	2067	96	24	0.13	5.87	404
CO3554	CO3555	5.07	339 3-	4/0AAAC	1178	1110	971	168	2053	95	24	0.12	5.99	369
CO3548	CO3554	5.13	3 1-	4/0AAAC	0	0	962	168	12	1	0	0.00	5.99	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
OC-1003869023	CO3548	5.13	3 1-	20 N FUSE	0	0	962	168	12	1	9	0.00	5.99	0	
	CO3549	OC-1003869023	5.21	2 1-	4/0AAAC	0	0	950	168	12	1	0	0.00	6.00	0
	CO3550	CO3549	5.26	2 1-	4/0AAAC	0	0	943	168	12	1	0	0.00	6.00	0
	CO3551	CO3550	5.27	2 1-	4/0AAAC	0	0	941	168	12	1	0	0.00	6.00	0
	CO3552	CO3551	5.31	1 1-	4/0AAAC	0	0	935	168	6	0	0	0.00	6.00	0
	CO3553	CO3552	5.35	0 1-	4/0AAAC	0	0	929	168	0	0	0	0.00	6.00	0
	CO3180	OC-1003869023	5.18	1 1-	4ACSR	0	0	946	168	0	0	0	0.00	5.99	0
	CO3546	CO3554	5.16	1 1-	4ACSR	0	0	945	167	2	0	0	0.00	5.99	0
OC1705047778	CO3546	5.16	0 1-	20 N FUSE	0	0	945	167	0	0	0	0.00	5.99	0	
	CO3547	OC1705047778	5.21	0 1-	4ACSR	0	0	933	167	0	0	0	0.00	5.99	0
	CO3545	CO3554	5.12	334 3-	4/0AAAC	1171	1102	964	168	2028	94	24	0.04	6.03	126
	CO3544	CO3545	5.17	333 3-	4/0AAAC	1163	1093	955	168	2019	94	24	0.05	6.08	144
	CO3542	CO3544	5.27	4 1-	4ACSR	0	0	930	167	12	1	1	0.01	6.09	0
OC676805777	CO3542	5.27	3 1-	20 N FUSE	0	0	930	167	12	1	9	0.00	6.09	0	
	CO3543	OC676805777	5.28	3 1-	4ACSR	0	0	927	167	12	1	1	0.00	6.09	0
	CO3179	CO3544	5.26	1 1-	4ACSR	0	0	933	167	15	2	2	0.00	6.08	0
OC-1188327173	CO3179	5.26	0 1-	20 N FUSE	0	0	933	167	0	0	0	0.00	6.08	0	
	CO3062	CO3544	5.22	327 3-	4/0AAAC	1156	1086	948	168	1985	92	23	0.04	6.12	114
	CO3540	CO3062	5.36	1 1-	4ACSR	0	0	911	166	7	0	1	0.01	6.13	0
OC644881443	CO3540	5.36	1 1-	20 N FUSE	0	0	911	166	7	0	5	0.00	6.13	0	
	CO3541	OC644881443	5.47	0 1-	4ACSR	0	0	885	165	0	0	0	0.00	6.13	0
	CO3177	OC644881443	5.41	1 1-	4ACSR	0	0	899	166	7	0	1	0.00	6.13	0
	CO3478	CO3062	5.34	324 3-	4/0AAAC	1138	1068	930	168	1951	91	23	0.10	6.22	288
	CO3477	CO3478	5.44	324 3-	4/0AAAC	1125	1055	917	167	1950	91	23	0.08	6.29	222
	CO3475	CO3477	5.48	2 1-	4ACSR	0	0	905	167	4	0	0	0.00	6.29	0
OC-1403761870	CO3475	5.48	2 1-	20 N FUSE	0	0	905	167	4	0	3	0.00	6.29	0	
	CO3476	OC-1403761870	5.56	1 1-	4ACSR	0	0	887	166	4	0	0	0.00	6.30	0
	CO3474	CO3476	5.59	1 1-	4ACSR	0	0	880	166	4	0	0	0.00	6.30	0
	CO3195	OC-1403761870	5.54	1 1-	4ACSR	0	0	892	166	0	0	0	0.00	6.29	0
	CO3069	CO3477	5.63	319 3-	4/0AAAC	1099	1029	891	167	1925	90	23	0.15	6.44	436
	CO3472	CO3069	5.69	3 1-	4/0ACSR	0	0	882	167	18	2	1	0.00	6.44	0
	CO3473	CO3472	5.75	1 1-	4/0ACSR	0	0	874	166	7	0	0	0.00	6.44	0
	CO3204	CO3473	5.79	1 1-	2ACSR	0	0	866	166	7	0	1	0.00	6.45	0
	CO3142	CO3472	5.74	1 1-	4ACSR	0	0	871	166	10	1	1	0.00	6.45	0
	CO3146	CO3069	5.66	0 1-	4ACSR	0	0	882	166	0	0	0	0.00	6.44	0
	CO3821	CO3069	5.63	315 3-	4/0ACSR	1098	1028	890	167	1905	89	26	0.01	6.45	15
	OC103	CO3821	5.63	315 3-	70 L OCR	1098	1028	890	167	1905	89	127	0.00	6.45	0
	CO3822	OC103	5.75	315 3-	4/0ACSR	1082	1011	874	166	1905	89	26	0.09	6.54	266
	CO3479	CO3822	5.84	301 3-	4/0ACSR	1069	998	861	166	1830	85	25	0.07	6.61	195
	CO3480	CO3479	5.89	300 3-	4/0ACSR	1062	991	855	166	1828	85	25	0.04	6.65	105
	CO3147	CO3480	5.93	2 1-	4/0ACSR	0	0	850	166	7	0	0	0.00	6.65	0
	CO3043	CO3480	5.97	298 3-	4/0ACSR	1052	981	845	166	1821	85	25	0.06	6.71	159
	CO3492	CO3043	6.02	6 1-	4ACSR	0	0	834	165	39	5	4	0.01	6.72	0
	CO3493	CO3492	6.05	5 1-	4ACSR	0	0	827	165	36	5	4	0.01	6.73	0
	CO3494	CO3493	6.08	5 1-	4ACSR	0	0	820	165	36	5	4	0.01	6.73	0
	CO3495	CO3494	6.13	4 1-	4ACSR	0	0	811	164	25	3	3	0.01	6.74	0
	CO3496	CO3495	6.17	3 1-	4ACSR	0	0	802	164	19	2	2	0.01	6.75	0
	CO3498	CO3496	6.23	2 1-	4ACSR	0	0	791	163	14	2	1	0.00	6.75	0
	CO3497	CO3498	6.25	1 1-	4ACSR	0	0	787	163	6	0	1	0.00	6.75	0
	CO3064	CO3043	6.05	291 3-	4/0ACSR	1040	970	834	165	1779	83	25	0.06	6.77	166
	CO3499	CO3064	6.06	291 3-	4/0ACSR	1040	969	833	165	1778	83	25	0.00	6.77	13
	CA54	CO3499	6.06	0 3-	Capacitor	1040	969	833	165	0	-13	0	0.00	6.77	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3501	CO3499	6.11	1 1-	1/0PRIURD	0	0	825	367	11	1	1	0.00	6.77	0
CO3500	CO3499	6.06	290 3-	4/0ACSR	1039	968	832	165	1768	85	25	0.01	6.78	16
CO3182	CO3500	6.14	2 1-	4ACSR	0	0	818	165	12	1	1	0.00	6.78	0
CO3065	CO3500	6.09	288 3-	4/0ACSR	1035	965	829	165	1755	84	25	0.02	6.80	49
CO3066	CO3065	6.11	288 3-	4/0ACSR	1033	963	827	165	1755	84	25	0.02	6.82	36
CO3192	CO3066	6.13	1 1-	4ACSR	0	0	822	165	3	0	0	0.00	6.82	0
CO3072	CO3066	6.14	287 3-	4ACSR	1027	955	821	165	1752	84	61	0.10	6.92	314
CO3502	CO3072	6.19	1 1-	4ACSR	0	0	810	164	6	0	1	0.00	6.92	0
CO3503	CO3502	6.21	1 1-	4ACSR	0	0	807	164	6	0	1	0.00	6.92	0
CO3181	CO3072	6.21	2 1-	4ACSR	0	0	807	164	11	1	1	0.00	6.92	0
CO3067	CO3072	6.16	284 3-	4/0ACSR	1024	952	818	165	1734	84	25	0.02	6.94	48
CO3504	CO3067	6.19	4 1-	4ACSR	0	0	811	165	19	2	2	0.00	6.94	0
CO3505	CO3504	6.24	1 1-	4ACSR	0	0	802	164	4	0	0	0.00	6.94	0
CO-1328436898	CO3504	6.24	1 1-	2ACSR	0	0	803	164	3	0	0	0.00	6.94	0
CO3823	CO3067	6.17	280 3-	4/0ACSR	1023	951	817	165	1715	83	24	0.01	6.94	13
OC107	CO3823	6.17	280 3-	70 L OCR	1023	951	817	165	1715	83	119	0.00	6.94	0
CO3824	OC107	6.47	280 3-	4/0ACSR	986	915	783	164	1715	83	24	0.27	7.21	599
CO3506	CO3824	6.48	280 3-	4/0ACSR	984	913	781	164	1712	83	24	0.01	7.22	23
CO3508	CO3506	6.56	46 1-	2ACSR	0	0	769	163	300	43	24	0.11	7.33	54
OC-1094687368	CO3508	6.56	46 1-	20 N FUSE	0	0	769	163	300	43	218	0.00	7.33	0
CO3509	OC-1094687368	6.61	46 1-	2ACSR	0	0	762	163	300	43	24	0.07	7.40	32
CO3513	CO3509	6.72	45 1-	2ACSR	0	0	746	162	298	43	24	0.15	7.55	71
CO3512	CO3513	6.81	44 1-	2ACSR	0	0	732	162	288	42	23	0.13	7.69	61
CO3511	CO3512	6.92	44 1-	2ACSR	0	0	717	161	288	42	23	0.14	7.83	65
CO3510	CO3511	6.95	44 1-	2ACSR	0	0	713	161	288	42	23	0.05	7.87	21
CO8259	CO3510	7.02	44 1-	2ACSR	0	0	704	160	288	42	23	0.09	7.96	40
OC-2125954276	CO8259	7.02	44 1-	20 N FUSE	0	0	704	160	287	42	210	0.00	7.96	0
CO4988	OC-2125954276	7.06	44 1-	2ACSR	0	0	698	160	287	42	23	0.06	8.02	27
CO4992	CO4988	7.09	3 1-	2ACSR	0	0	694	160	14	2	1	0.00	8.02	0
CO4993	CO4992	7.12	3 1-	2ACSR	0	0	690	160	14	2	1	0.00	8.02	0
CO4994	CO4993	7.16	2 1-	2ACSR	0	0	685	159	8	1	1	0.00	8.03	0
CO4995	CO4994	7.21	2 1-	2ACSR	0	0	680	159	8	1	1	0.00	8.03	0
CO4996	CO4995	7.27	2 1-	2ACSR	0	0	672	159	8	1	1	0.00	8.03	0
CO4997	CO4996	7.32	1 1-	2ACSR	0	0	666	158	8	1	1	0.00	8.03	0
CO4998	CO4997	7.36	0 1-	2ACSR	0	0	661	158	0	0	0	0.00	8.03	0
CO4999	CO4998	7.46	0 1-	2ACSR	0	0	650	157	0	0	0	0.00	8.03	0
CO4802	CO4997	7.36	1 1-	2ACSR	0	0	661	158	8	1	1	0.00	8.03	0
CO4989	CO4988	7.17	39 1-	2ACSR	0	0	685	159	259	37	21	0.13	8.15	53
CO4991	CO4989	7.22	36 1-	2ACSR	0	0	678	159	238	34	19	0.06	8.21	23
CO4990	CO4991	7.32	36 1-	2ACSR	0	0	666	158	238	34	19	0.11	8.33	44
CO5001	CO4990	7.40	34 1-	4ACSR	0	0	655	157	224	32	23	0.11	8.44	44
CO5000	CO5001	7.43	34 1-	4ACSR	0	0	651	157	224	32	23	0.05	8.49	17
CO8264	CO5000	7.63	16 1-	2ACSR	0	0	629	156	120	17	10	0.11	8.59	20
CO8387	CO8264	7.69	12 1-	2ACSR	0	0	622	156	95	14	8	0.03	8.62	4
#SW112-B	CO8387	7.69	0 1-	Open	0	0	622	156	0	0	0	0.00	8.62	0
CO3734	CO8387	7.71	11 1-	2ACSR	0	0	620	155	87	12	7	0.01	8.63	0
CO8265	CO3734	7.76	11 1-	2ACSR	0	0	615	155	87	12	7	0.02	8.65	2
CO5019	CO8265	7.82	11 1-	2ACSR	0	0	609	155	87	12	7	0.02	8.67	3
CO5020	CO5019	7.90	11 1-	2ACSR	0	0	601	154	87	12	7	0.03	8.71	5
CO5023	CO5020	7.96	8 1-	2ACSR	0	0	595	154	60	8	5	0.02	8.72	0
CO5024	CO5023	8.00	6 1-	2ACSR	0	0	591	154	46	6	4	0.01	8.73	0
CO5028	CO5024	8.00	4 1-	2ACSR	0	0	591	154	32	4	3	0.00	8.73	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5029	CO5028	8.06	1 1-	2ACSR	0	0	585	153	9	1	1	0.00	8.73	0
CO5027	CO5029	8.13	1 1-	2ACSR	0	0	578	153	9	1	1	0.00	8.74	0
CO5038	CO5027	8.17	1 1-	1/0PRIURD	0	0	576	305	9	1	1	0.00	8.74	0
CO5025	CO5028	8.05	3 1-	2ACSR	0	0	587	153	24	3	2	0.00	8.73	0
CO5026	CO5025	8.08	2 1-	2ACSR	0	0	584	153	16	2	1	0.00	8.74	0
CO1684014276	CO5024	8.09	1 1-	2ACSR	0	0	583	153	7	1	1	0.00	8.73	0
CO5021	CO5020	7.94	3 1-	2ACSR	0	0	596	154	27	4	2	0.00	8.71	0
CO5022	CO5021	7.98	2 1-	2ACSR	0	0	593	154	18	2	1	0.00	8.71	0
CO-2114293525	CO5022	8.02	1 1-	1/0PRIURD	0	0	590	309	8	1	1	0.00	8.71	0
CO3216	CO8264	7.69	1 1-	2ACSR	0	0	622	156	11	1	1	0.00	8.60	0
CO4748	CO5000	7.51	18 1-	4ACSR	0	0	639	156	103	15	11	0.06	8.54	10
CO5004	CO4748	7.56	15 1-	4ACSR	0	0	633	156	90	13	9	0.03	8.57	4
CO5005	CO5004	7.57	15 1-	4ACSR	0	0	631	156	90	13	9	0.01	8.58	0
CO5006	CO5005	7.67	13 1-	4ACSR	0	0	618	155	82	12	9	0.05	8.63	7
CO5007	CO5006	7.71	1 1-	4ACSR	0	0	613	155	5	0	1	0.00	8.63	0
CO5008	CO5007	7.75	1 1-	4ACSR	0	0	609	154	5	0	1	0.00	8.63	0
CO4749	CO5006	7.77	11 1-	4ACSR	0	0	606	154	67	9	7	0.04	8.67	4
CO5011	CO4749	7.82	5 1-	4ACSR	0	0	600	154	20	2	2	0.01	8.68	0
CO5012	CO5011	7.83	5 1-	4ACSR	0	0	599	154	20	2	2	0.00	8.68	0
CO5014	CO5012	7.90	5 1-	4ACSR	0	0	590	153	20	2	2	0.01	8.69	0
CO5015	CO5014	8.03	3 1-	4ACSR	0	0	575	152	13	1	1	0.01	8.70	0
CO5017	CO5015	8.08	2 1-	4ACSR	0	0	569	151	8	1	1	0.00	8.70	0
CO5018	CO5017	8.16	2 1-	4ACSR	0	0	561	151	8	1	1	0.00	8.71	0
CO5016	CO5015	8.07	1 1-	4ACSR	0	0	571	151	6	0	1	0.00	8.70	0
CO5013	CO5014	7.95	2 1-	4ACSR	0	0	584	152	7	0	1	0.00	8.69	0
CO5009	CO4749	7.85	2 1-	4ACSR	0	0	596	153	9	1	1	0.01	8.68	0
CO5010	CO5009	7.95	1 1-	4ACSR	0	0	585	152	2	0	0	0.00	8.68	0
CO4783	CO5009	7.91	1 1-	4ACSR	0	0	589	153	7	1	1	0.00	8.68	0
CO4784	CO4749	7.79	1 1-	4ACSR	0	0	603	154	10	1	1	0.00	8.67	0
CO4782	CO4749	7.79	2 1-	4ACSR	0	0	604	154	20	2	2	0.00	8.67	0
CO5002	CO4748	7.56	1 1-	4ACSR	0	0	633	156	3	0	0	0.00	8.54	0
CO5003	CO5002	7.58	1 1-	4ACSR	0	0	631	156	3	0	0	0.00	8.54	0
CO4781	CO4990	7.51	2 1-	4ACSR	0	0	639	156	14	2	1	0.01	8.33	0
CO4797	CO4989	7.21	1 1-	2ACSR	0	0	680	159	11	1	1	0.00	8.15	0
CO3208	CO3509	6.64	0 1-	2ACSR	0	0	757	163	0	0	0	0.00	7.40	0
CO3507	CO3506	6.51	233 3-	4/0ACSR	981	910	778	164	1403	68	20	0.02	7.24	42
CO3514	CO3507	6.60	231 3-	4/0ACSR	970	900	768	164	1398	67	20	0.06	7.31	113
CO3515	CO3514	6.63	228 3-	4/0ACSR	966	896	765	164	1371	66	20	0.03	7.33	45
CO3518	CO3515	6.67	227 3-	4/0ACSR	962	892	761	163	1369	66	20	0.02	7.36	44
CO3519	CO3518	6.75	226 3-	4/0ACSR	953	882	752	163	1366	66	20	0.06	7.42	106
CO3520	CO3519	6.78	222 3-	4/0ACSR	950	879	749	163	1316	64	19	0.02	7.44	34
CO3521	CO3520	6.82	219 3-	4/0ACSR	945	875	745	163	1309	63	19	0.03	7.46	46
CO3825	CO3521	6.83	16 1-	4ACSR	0	0	744	163	83	12	9	0.00	7.47	0
OC99	CO3825	6.83	16 1-	10 N FUSE	0	0	744	163	83	12	121	0.00	7.47	0
CO3826	OC99	6.89	16 1-	4ACSR	0	0	733	162	83	12	9	0.04	7.50	5
CO3522	CO3826	6.98	14 1-	4ACSR	0	0	720	161	77	11	8	0.04	7.55	6
CO3523	CO3522	7.07	14 1-	4ACSR	0	0	704	160	77	11	8	0.05	7.59	6
CO3186	CO3523	7.14	1 1-	4ACSR	0	0	693	160	0	0	0	0.00	7.59	0
CO3077	CO3523	7.16	13 1-	2ACSR	0	0	692	160	77	11	6	0.03	7.63	4
CO3524	CO3077	7.21	7 1-	4ACSR	0	0	685	159	39	5	4	0.01	7.64	0
CO3525	CO3524	7.28	4 1-	4ACSR	0	0	675	159	21	3	2	0.01	7.65	0
CO3526	CO3525	7.38	3 1-	4ACSR	0	0	661	158	20	2	2	0.01	7.66	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3527	CO3526	7.40	2 1-	4ACSR	0	0	657	158	12	1	1	0.00	7.66	0
CO3528	CO3527	7.42	1 1-	4ACSR	0	0	654	157	2	0	0	0.00	7.66	0
CO3187	CO3526	7.44	1 1-	4ACSR	0	0	653	157	8	1	1	0.00	7.66	0
CO3189	CO3077	7.23	1 1-	4ACSR	0	0	682	159	16	2	2	0.00	7.63	0
CO3188	CO3077	7.23	1 1-	4ACSR	0	0	682	159	11	1	1	0.00	7.63	0
CO3185	CO3826	6.92	1 1-	4ACSR	0	0	729	162	6	0	1	0.00	7.50	0
CO3184	CO3826	7.05	1 1-	4ACSR	0	0	708	161	0	0	0	0.00	7.50	0
CO3068	CO3521	6.85	203 3-	4/0ACSR	943	872	743	163	1226	59	18	0.01	7.48	24
CO3534	CO3068	6.94	195 3-	4/0ACSR	932	862	733	163	1177	57	17	0.06	7.54	91
CO3535	CO3534	6.99	194 3-	4/0ACSR	927	857	729	162	1173	57	17	0.03	7.56	43
CO3538	CO3535	7.02	192 3-	4/0ACSR	924	854	725	162	1151	56	16	0.02	7.59	32
CO3539	CO3538	7.06	192 3-	4/0ACSR	920	850	722	162	1151	56	16	0.02	7.61	32
CO8252	CO3539	7.13	67 1-	4ACSR	0	0	711	162	467	68	49	0.22	7.83	177
OC2088591605	CO8252	7.13	67 1-	20 N FUSE	0	0	711	162	466	68	341	0.00	7.83	0
CO4944	OC2088591605	7.15	3 1-	4ACSR	0	0	707	161	19	2	2	0.00	7.83	0
CO4786	CO4944	7.24	2 1-	4ACSR	0	0	694	160	11	1	1	0.00	7.84	0
CO4945	CO4944	7.19	1 1-	4ACSR	0	0	702	161	8	1	1	0.00	7.83	0
CO4942	OC2088591605	7.32	64 1-	4ACSR	0	0	682	160	447	65	47	0.58	8.41	438
CO4943	CO4942	7.36	64 1-	4ACSR	0	0	677	159	445	65	47	0.10	8.51	77
CO4946	CO4943	7.43	3 1-	4ACSR	0	0	666	159	24	3	3	0.01	8.52	0
CO4947	CO4946	7.44	3 1-	4ACSR	0	0	665	159	24	3	3	0.00	8.53	0
CO4948	CO4947	7.49	3 1-	4ACSR	0	0	658	158	24	3	3	0.01	8.53	0
CO4949	CO4948	7.56	3 1-	4ACSR	0	0	648	157	24	3	3	0.01	8.54	0
CO4950	CO4949	7.63	1 1-	4ACSR	0	0	638	157	8	1	1	0.00	8.54	0
CO4940	CO4943	7.40	60 1-	4ACSR	0	0	670	159	416	61	44	0.13	8.65	95
CO4941	CO4940	7.44	60 1-	4ACSR	0	0	665	159	416	61	44	0.10	8.75	71
CO4939	CO4941	7.53	60 1-	4ACSR	0	0	651	158	416	61	44	0.27	9.01	187
CO4937	CO4939	7.63	59 1-	4ACSR	0	0	638	157	406	59	43	0.26	9.28	182
CO4938	CO4937	7.68	59 1-	4ACSR	0	0	632	156	405	59	43	0.13	9.41	91
CO17306	CO4938	7.79	57 1-	4ACSR	0	0	617	155	385	56	41	0.30	9.71	194
CO4936	CO17306	7.83	56 1-	4ACSR	0	0	612	155	380	56	40	0.11	9.82	71
CO4935	CO4936	7.89	55 1-	4ACSR	0	0	605	154	366	54	39	0.13	9.95	83
CO4934	CO4935	8.01	54 1-	4ACSR	0	0	591	153	359	53	38	0.29	10.24	177
CO4933	CO4934	8.12	53 1-	4ACSR	0	0	578	152	348	51	37	0.26	10.50	152
CO4932	CO4933	8.18	50 1-	4ACSR	0	0	571	152	324	48	35	0.13	10.63	73
CO4931	CO4932	8.29	48 1-	4ACSR	0	0	558	151	313	46	33	0.25	10.88	135
CO4930	CO4931	8.34	47 1-	4ACSR	0	0	553	150	304	45	33	0.10	10.98	50
CO4929	CO4930	8.40	2 1-	4ACSR	0	0	547	150	4	0	0	0.00	10.98	0
CO4928	CO4930	8.41	1 1-	4ACSR	0	0	546	150	9	1	1	0.00	10.98	0
CO5036	CO4930	8.40	0 1-	4ACSR	0	0	547	150	0	0	0	0.00	10.98	0
CO5037	CO5036	8.41	0 1-	4ACSR	0	0	546	150	0	0	0	0.00	10.98	0
CO4745	CO4930	8.46	44 1-	4ACSR	0	0	541	149	291	43	31	0.23	11.21	115
CO4953	CO4745	8.55	9 1-	4ACSR	0	0	531	149	57	8	6	0.03	11.24	2
CO4777	CO4953	8.62	3 1-	4ACSR	0	0	524	148	21	3	2	0.01	11.24	0
CO4954	CO4953	8.61	1 1-	4ACSR	0	0	525	148	10	1	1	0.00	11.24	0
CO4955	CO4954	8.69	1 1-	4ACSR	0	0	518	147	10	1	1	0.00	11.24	0
CO4951	CO4745	8.51	2 1-	4ACSR	0	0	536	149	28	4	3	0.01	11.21	0
CO4952	CO4951	8.54	1 1-	4ACSR	0	0	532	149	13	1	1	0.00	11.22	0
CO4746	CO4745	8.58	29 1-	4ACSR	0	0	529	148	189	28	20	0.15	11.35	47
CO17305	CO4746	8.63	26 1-	4ACSR	0	0	524	148	171	25	18	0.07	11.42	19
OC-1937327248	CO17305	8.63	25 1-	20 N FUSE	0	0	524	148	160	24	120	0.00	11.42	0
CO4956	OC-1937327248	8.74	25 1-	4ACSR	0	0	513	147	160	24	17	0.12	11.54	32

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4752	CO4956	8.98	2 1-	4ACSR	0	0	492	145	14	2	1	0.02	11.56	0
CO4793	CO4752	9.03	2 1-	4ACSR	0	0	488	145	14	2	1	0.00	11.56	0
CO-1290982428	CO4793	9.06	1 1-	2ACSR	0	0	485	144	7	1	1	0.00	11.56	0
CO4957	CO4752	9.15	0 1-	4ACSR	0	0	477	144	0	0	0	0.00	11.56	0
CO4958	CO4957	9.22	0 1-	4ACSR	0	0	472	143	0	0	0	0.00	11.56	0
CO4959	CO4956	8.77	22 1-	4ACSR	0	0	510	147	136	20	15	0.03	11.56	6
CO4960	CO4959	8.88	19 1-	4ACSR	0	0	500	146	119	17	13	0.09	11.65	18
CO4961	CO4960	8.91	3 1-	4ACSR	0	0	498	146	10	1	1	0.00	11.65	0
CO4962	CO4961	8.93	1 1-	4ACSR	0	0	496	145	8	1	1	0.00	11.66	0
CO4963	CO4962	8.98	1 1-	4ACSR	0	0	492	145	8	1	1	0.00	11.66	0
CO4792	CO4963	9.03	0 1-	4ACSR	0	0	488	145	0	0	0	0.00	11.66	0
CO4964	CO4963	9.11	0 1-	4ACSR	0	0	480	144	0	0	0	0.00	11.66	0
CO4965	CO4964	9.23	0 1-	4ACSR	0	0	471	143	0	0	0	0.00	11.66	0
CO4751	CO4960	9.03	15 1-	4ACSR	0	0	488	145	99	14	11	0.10	11.75	16
CO4787	CO4751	9.10	2 1-	4ACSR	0	0	482	144	19	2	2	0.00	11.75	0
CO4966	CO4751	9.13	12 1-	4ACSR	0	0	479	144	77	11	8	0.05	11.80	6
CO4967	CO4966	9.18	9 1-	4ACSR	0	0	475	143	55	8	6	0.02	11.82	0
CO4788	CO4967	9.22	0 1-	4ACSR	0	0	472	143	0	0	0	0.00	11.82	0
CO4968	CO4967	9.23	8 1-	4ACSR	0	0	471	143	47	7	5	0.01	11.83	0
CO4969	CO4968	9.28	6 1-	4ACSR	0	0	467	143	38	5	4	0.01	11.84	0
CO4970	CO4969	9.35	4 1-	4ACSR	0	0	462	142	22	3	2	0.01	11.85	0
CO4975	CO4970	9.42	2 1-	4ACSR	0	0	456	142	18	2	2	0.00	11.85	0
CO4976	CO4975	9.45	1 1-	4ACSR	0	0	453	141	2	0	0	0.00	11.86	0
CO4971	CO4976	9.64	1 1-	4ACSR	0	0	440	140	2	0	0	0.00	11.86	0
CO4972	CO4971	9.76	1 1-	4ACSR	0	0	431	139	2	0	0	0.00	11.86	0
CO4973	CO4972	9.87	1 1-	4ACSR	0	0	424	138	2	0	0	0.00	11.86	0
CO4974	CO4973	9.91	1 1-	4ACSR	0	0	421	138	2	0	0	0.00	11.86	0
CO4977	CO4974	9.98	1 1-	4ACSR	0	0	416	137	2	0	0	0.00	11.86	0
CO4978	CO4977	10.04	1 1-	4ACSR	0	0	413	137	2	0	0	0.00	11.86	0
CO4789	CO4970	9.53	1 1-	4ACSR	0	0	447	141	0	0	0	0.00	11.85	0
CO3834	CO3539	7.37	124 1-	4ACSR	0	0	675	159	675	98	71	1.41	9.01	1602
CO8260	CO3834	7.45	123 1-	4ACSR	0	0	663	158	666	98	70	0.38	9.39	426
CO4881	CO8260	7.70	121 1-	4ACSR	0	0	629	156	656	97	70	1.12	10.51	1259
CO4880	CO4881	7.72	121 1-	4ACSR	0	0	626	156	650	97	70	0.11	10.62	120
CO4878	CO4880	7.79	1 1-	4ACSR	0	0	617	155	2	0	0	0.00	10.62	0
CO4879	CO4878	7.89	1 1-	4ACSR	0	0	605	154	2	0	0	0.00	10.62	0
CO4876	CO4880	7.76	118 1-	4ACSR	0	0	621	156	639	95	68	0.17	10.79	191
CO4877	CO4876	7.79	118 1-	4ACSR	0	0	617	155	638	95	68	0.14	10.93	153
CO4874	CO4877	7.84	2 1-	4ACSR	0	0	611	155	9	1	1	0.00	10.93	0
CO4875	CO4874	7.89	1 1-	4ACSR	0	0	605	154	4	0	0	0.00	10.93	0
CO4872	CO4877	7.83	113 1-	4ACSR	0	0	612	155	604	90	65	0.15	11.08	155
CO4873	CO4872	7.89	112 1-	4ACSR	0	0	605	154	597	89	64	0.24	11.32	250
CO4870	CO4873	7.93	4 1-	4ACSR	0	0	599	154	17	2	2	0.01	11.33	0
CO4871	CO4870	8.05	3 1-	4ACSR	0	0	585	153	16	2	2	0.01	11.34	0
CO4868	CO4873	7.94	103 1-	4ACSR	0	0	599	154	557	83	60	0.20	11.53	197
CO4869	CO4868	7.99	102 1-	4ACSR	0	0	593	153	555	83	60	0.19	11.72	183
CO4867	CO4869	8.12	101 1-	4ACSR	0	0	577	152	551	83	60	0.51	12.23	490
CO4866	CO4867	8.24	100 1-	4ACSR	0	0	564	151	547	83	59	0.47	12.69	445
CO4768	CO4866	8.31	1 1-	4ACSR	0	0	556	151	9	1	1	0.00	12.69	0
CO4740	CO4866	8.29	97 1-	4ACSR	0	0	559	151	529	80	58	0.18	12.87	165
CO4864	CO4740	8.31	4 1-	4ACSR	0	0	556	151	2	0	0	0.00	12.87	0
OC29558313	CO4864	8.31	3 1-	20 N FUSE	0	0	556	151	2	0	2	0.00	12.87	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4865	OC29558313	8.70	3 1-	4ACSR	0	0	517	147	2	0	0	0.01	12.88	0
CO8256	CO4865	8.89	1 1-	4ACSR	0	0	499	146	0	0	0	0.00	12.88	0
CO3685	CO8256	8.93	1 1-	4ACSR	0	0	496	145	0	0	0	0.00	12.88	0
CO8255	CO4865	8.81	2 1-	4ACSR	0	0	507	146	2	0	0	0.00	12.88	0
CO4741	CO4740	8.46	93 1-	4ACSR	0	0	541	149	526	80	57	0.62	13.48	572
CO4769	CO4741	8.51	1 1-	4ACSR	0	0	535	149	5	0	1	0.00	13.49	0
CO4742	CO4741	8.50	92 1-	4ACSR	0	0	536	149	519	79	57	0.17	13.66	156
CO4770	CO4742	8.56	2 1-	4ACSR	0	0	530	148	16	2	2	0.00	13.66	0
CO4743	CO4742	8.55	87 1-	4ACSR	0	0	532	149	485	74	53	0.16	13.82	141
CO4862	CO4743	8.63	86 1-	4ACSR	0	0	524	148	484	74	53	0.28	14.09	236
CO4863	CO4862	8.75	84 1-	4ACSR	0	0	512	147	477	73	53	0.41	14.51	350
CO4848	CO4863	8.79	16 1-	4ACSR	0	0	509	147	96	14	11	0.02	14.53	4
CO4849	CO4848	8.81	15 1-	4ACSR	0	0	506	146	92	14	10	0.02	14.55	3
CO-1883807208	CO4849	8.90	0 1-	2ACSR	0	0	500	146	0	0	0	0.00	14.55	0
CO4850	CO4849	8.89	13 1-	4ACSR	0	0	500	146	92	14	10	0.05	14.59	7
CO4861	CO4850	8.94	12 1-	4ACSR	0	0	495	145	79	12	9	0.03	14.62	4
CO4857	CO4861	9.00	10 1-	4ACSR	0	0	490	145	59	9	6	0.02	14.65	3
CO4858	CO4857	9.04	9 1-	4ACSR	0	0	487	145	58	8	6	0.01	14.66	0
CO4851	CO4858	9.05	8 1-	4ACSR	0	0	485	144	45	6	5	0.00	14.67	0
CO4852	CO4851	9.08	7 1-	4ACSR	0	0	483	144	38	5	4	0.01	14.67	0
CO4853	CO4852	9.11	5 1-	4ACSR	0	0	480	144	16	2	2	0.00	14.67	0
CO4859	CO4853	9.15	3 1-	4ACSR	0	0	477	144	11	1	1	0.00	14.68	0
CO4860	CO4859	9.19	1 1-	4ACSR	0	0	474	143	8	1	1	0.00	14.68	0
CO1648782096	CO4859	9.18	1 1-	1/0PRIURD	0	0	476	270	3	0	0	0.00	14.68	0
CO4772	CO4853	9.15	1 1-	4ACSR	0	0	477	144	1	0	0	0.00	14.67	0
CO4854	CO4861	9.03	2 1-	2ACSR	0	0	489	145	20	3	2	0.01	14.63	0
CO4855	CO4854	9.09	2 1-	2ACSR	0	0	485	144	20	3	2	0.00	14.64	0
CO4856	CO4855	9.16	1 1-	2ACSR	0	0	480	144	11	1	1	0.00	14.64	0
CO4846	CO4863	8.83	68 1-	4ACSR	0	0	505	146	380	58	42	0.20	14.71	136
CO4847	CO4846	8.88	66 1-	4ACSR	0	0	500	146	372	57	41	0.15	14.85	97
CO4844	CO4847	8.92	64 1-	4ACSR	0	0	497	145	358	55	40	0.09	14.95	59
CO4845	CO4844	8.93	62 1-	4ACSR	0	0	496	145	345	53	38	0.04	14.98	22
CO4840	CO4845	9.02	4 1-	4ACSR	0	0	488	145	34	5	4	0.02	15.00	0
CO4841	CO4840	9.03	4 1-	4ACSR	0	0	487	145	34	5	4	0.00	15.01	0
CO4842	CO4841	9.12	3 1-	4ACSR	0	0	480	144	25	3	3	0.01	15.02	0
CO4843	CO4842	9.16	1 1-	4ACSR	0	0	476	144	7	1	1	0.00	15.02	0
CO4804	CO4842	9.16	1 1-	2ACSR	0	0	477	144	16	2	1	0.00	15.02	0
CO4838	CO4845	8.96	58 1-	4ACSR	0	0	493	145	311	48	35	0.07	15.05	36
CO4839	CO4838	9.00	56 1-	4ACSR	0	0	490	145	300	46	33	0.08	15.13	43
CO4836	CO4839	9.07	3 1-	4ACSR	0	0	484	144	21	3	2	0.01	15.14	0
CO4837	CO4836	9.10	1 1-	4ACSR	0	0	482	144	8	1	1	0.00	15.14	0
CO4803	CO4836	9.13	1 1-	4ACSR	0	0	479	144	5	0	1	0.00	15.14	0
CO4744	CO4839	9.11	51 1-	4ACSR	0	0	481	144	272	42	30	0.21	15.34	102
CO5032	CO4744	9.11	44 1-	4ACSR	0	0	480	144	201	31	22	0.01	15.35	3
OC133	CO5032	9.11	44 1-	50 L OCR	0	0	480	144	201	31	0	0.00	15.35	0
CO5033	OC133	9.20	44 1-	4ACSR	0	0	473	143	201	31	22	0.13	15.47	46
CO4817	CO5033	9.27	44 1-	4ACSR	0	0	468	143	201	31	22	0.10	15.57	35
CO4816	CO4817	9.49	43 1-	4ACSR	0	0	451	141	200	31	22	0.31	15.88	113
CO4812	CO4816	9.58	41 1-	4ACSR	0	0	444	140	187	29	21	0.12	16.00	39
CO4814	CO4812	9.63	2 1-	2ACSR	0	0	441	140	10	1	1	0.00	16.01	0
CO4815	CO4814	9.64	2 1-	2ACSR	0	0	441	140	10	1	1	0.00	16.01	0
CO4813	CO4812	9.63	37 1-	4ACSR	0	0	441	140	154	24	17	0.05	16.06	15

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4810	CO4813	9.70	5 1-	4ACSR	0	0	436	139	44	6	5	0.02	16.08	0
CO4811	CO4810	9.86	1 1-	4ACSR	0	0	424	138	13	2	1	0.01	16.09	0
CO4796	CO4810	9.78	1 1-	2ACSR	0	0	431	139	10	1	1	0.00	16.08	0
CO4774	CO4810	9.79	1 1-	4ACSR	0	0	429	139	9	1	1	0.00	16.08	0
CO4808	CO4813	9.66	32 1-	4ACSR	0	0	438	140	110	17	12	0.02	16.08	5
CO4809	CO4808	9.79	29 1-	4ACSR	0	0	429	139	101	15	11	0.09	16.17	16
CO4807	CO4809	9.90	25 1-	4ACSR	0	0	422	138	85	13	10	0.07	16.24	10
CO8305	CO4807	10.02	23 1-	4ACSR	0	0	414	137	74	11	8	0.06	16.30	8
CO5212	CO8305	10.06	21 1-	4ACSR	0	0	412	137	71	11	8	0.02	16.32	2
CO8303	CO5212	10.23	0 1-	4ACSR	0	0	401	136	0	0	0	0.00	16.32	0
CO5208	CO5212	10.12	19 1-	4ACSR	0	0	408	136	66	10	7	0.03	16.35	4
CO5209	CO5208	10.21	19 1-	4ACSR	0	0	402	136	66	10	7	0.04	16.39	5
CO5210	CO5209	10.29	18 1-	4ACSR	0	0	397	135	65	10	7	0.04	16.43	5
CO5211	CO5210	10.45	17 1-	4ACSR	0	0	388	134	65	10	7	0.08	16.51	9
CO5205	CO5211	10.61	13 1-	4ACSR	0	0	379	133	51	8	6	0.06	16.57	5
CO5206	CO5205	10.74	12 1-	4ACSR	0	0	373	132	49	7	6	0.04	16.61	4
CO5207	CO5206	10.98	11 1-	4ACSR	0	0	361	130	48	7	5	0.08	16.69	7
CO5203	CO5207	11.08	8 1-	4ACSR	0	0	355	130	45	7	5	0.03	16.72	2
CO5204	CO5203	11.18	7 1-	4ACSR	0	0	351	129	37	5	4	0.02	16.75	0
CO5096	CO5204	11.27	2 1-	4ACSR	0	0	347	129	10	1	1	0.00	16.75	0
CO5056	CO5204	11.41	2 1-	4ACSR	0	0	340	128	15	2	2	0.03	16.77	0
CO5202	CO5056	11.55	1 1-	4ACSR	0	0	335	127	2	0	0	0.00	16.77	0
CO8272	CO5202	11.60	0 1-	4ACSR	0	0	332	126	0	0	0	0.00	16.77	0
CO5098	CO5056	11.49	1 1-	4ACSR	0	0	337	127	13	2	2	0.00	16.78	0
CO5097	CO5207	11.07	2 1-	4ACSR	0	0	356	130	1	0	0	0.00	16.69	0
CO5100	CO5211	10.49	3 1-	4ACSR	0	0	386	134	5	0	1	0.00	16.51	0
CO5099	CO5211	10.50	1 1-	4ACSR	0	0	385	134	9	1	1	0.00	16.51	0
CO5108	CO5209	10.27	1 1-	2ACSR	0	0	400	135	0	0	0	0.00	16.39	0
CO4801	CO4807	9.93	2 1-	4ACSR	0	0	420	138	11	1	1	0.00	16.24	0
CO4776	CO4809	9.86	0 1-	4ACSR	0	0	424	138	0	0	0	0.00	16.17	0
CO4775	CO4816	9.53	1 1-	4ACSR	0	0	447	141	12	1	1	0.00	15.89	0
CO4818	CO4744	9.30	7 1-	4ACSR	0	0	465	142	70	10	8	0.10	15.43	12
CO4819	CO4818	9.38	7 1-	4ACSR	0	0	459	142	70	10	8	0.04	15.47	5
CO4820	CO4819	9.41	6 1-	4ACSR	0	0	456	142	70	10	8	0.01	15.49	0
CO4821	CO4820	9.44	3 1-	4ACSR	0	0	454	141	14	2	2	0.00	15.49	0
CO4830	CO4821	9.47	2 1-	2ACSR	0	0	453	141	14	2	1	0.00	15.49	0
CO4831	CO4830	9.48	2 1-	2ACSR	0	0	452	141	14	2	1	0.00	15.49	0
CO4832	CO4831	9.50	1 1-	2ACSR	0	0	451	141	0	0	0	0.00	15.49	0
CO4833	CO4832	9.62	1 1-	2ACSR	0	0	444	140	0	0	0	0.00	15.49	0
CO4834	CO4833	9.71	1 1-	2ACSR	0	0	439	140	0	0	0	0.00	15.49	0
CO5030	CO4834	9.83	0 1-	2ACSR	0	0	432	139	0	0	0	0.00	15.49	0
CO5031	CO5030	9.95	0 1-	2ACSR	0	0	426	139	0	0	0	0.00	15.49	0
CO4835	CO5031	10.02	0 1-	2ACSR	0	0	422	138	0	0	0	0.00	15.49	0
CO4822	CO4821	9.49	1 1-	2ACSR	0	0	451	141	0	0	0	0.00	15.49	0
CO4823	CO4822	9.54	1 1-	2ACSR	0	0	448	141	0	0	0	0.00	15.49	0
CO4824	CO4823	9.60	1 1-	2ACSR	0	0	445	141	0	0	0	0.00	15.49	0
CO4825	CO4824	9.62	1 1-	2ACSR	0	0	444	140	0	0	0	0.00	15.49	0
CO4826	CO4825	9.64	1 1-	2ACSR	0	0	443	140	0	0	0	0.00	15.49	0
CO4827	CO4826	9.74	1 1-	2ACSR	0	0	437	140	0	0	0	0.00	15.49	0
CO4828	CO4827	9.78	1 1-	2ACSR	0	0	435	140	0	0	0	0.00	15.49	0
CO4829	CO4828	9.83	1 1-	2ACSR	0	0	432	139	0	0	0	0.00	15.49	0
CO4795	CO4819	9.42	1 1-	500 MCM ACSR 30	0	0	458	142	0	0	0	0.00	15.47	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4773	CO4847	8.93	1 1-	4ACSR	0	0	496	145	5	0	1	0.00	14.85	0
CO4771	CO4743	8.65	1 1-	4ACSR	0	0	522	148	1	0	0	0.00	13.82	0
CO4767	CO4873	7.97	3 1-	4ACSR	0	0	595	154	7	1	1	0.00	11.33	0
CO-1309827563	CO4767	8.13	1 1-	2ACSR	0	0	580	153	3	0	0	0.00	11.33	0
CO4780	CO4880	7.78	1 1-	4ACSR	0	0	619	155	7	1	1	0.00	10.62	0
CO4766	CO4880	7.77	1 1-	4ACSR	0	0	620	155	1	0	0	0.00	10.62	0
CO3536	CO3535	7.05	2 1-	4ACSR	0	0	719	162	22	3	2	0.01	7.57	0
OC1745149401	CO3536	7.05	1 1-	20 N FUSE	0	0	719	162	10	1	7	0.00	7.57	0
CO3537	OC1745149401	7.07	1 1-	4ACSR	0	0	715	162	10	1	1	0.00	7.57	0
CO3529	CO3068	6.92	6 1-	4ACSR	0	0	731	162	34	4	4	0.01	7.49	0
OC-1568631882	CO3529	6.92	5 1-	20 N FUSE	0	0	731	162	28	4	21	0.00	7.49	0
CO3530	OC-1568631882	7.02	4 1-	4ACSR	0	0	714	161	20	2	2	0.01	7.50	0
CO3531	CO3530	7.11	2 1-	4ACSR	0	0	700	160	10	1	1	0.00	7.51	0
CO3532	CO3531	7.19	1 1-	4ACSR	0	0	688	159	0	0	0	0.00	7.51	0
CO3533	CO3532	7.24	1 1-	4ACSR	0	0	681	159	0	0	0	0.00	7.51	0
CO3218	OC-1568631882	6.97	1 1-	4ACSR	0	0	722	162	9	1	1	0.00	7.49	0
CO3516	CO3515	6.64	1 1-	4/0ACSR	0	0	763	163	2	0	0	0.00	7.33	0
OC-589043895	CO3516	6.64	1 1-	20 N FUSE	0	0	763	163	2	0	2	0.00	7.33	0
CO3517	OC-589043895	6.69	1 1-	4/0ACSR	0	0	758	163	2	0	0	0.00	7.33	0
CO3183	CO3064	6.13	0 1-	4ACSR	0	0	817	165	0	0	0	0.00	6.77	0
CO30666	CO3064	6.09	0 3-	4/0ACSR	1035	964	828	165	0	0	0	0.00	6.77	0
CO3045	CO3822	5.81	13 1-	4/0ACSR	0	0	866	166	68	9	3	0.01	6.55	0
CO3481	CO3045	5.83	2 1-	4ACSR	0	0	860	166	11	1	1	0.00	6.55	0
CO3482	CO3481	5.86	1 1-	4ACSR	0	0	853	166	8	1	1	0.00	6.55	0
CO3483	CO3482	5.90	1 1-	4ACSR	0	0	845	165	8	1	1	0.00	6.55	0
CO3484	CO3483	5.94	1 1-	4ACSR	0	0	837	165	8	1	1	0.00	6.55	0
CO3046	CO3045	5.86	11 1-	4/0ACSR	0	0	858	166	57	8	2	0.01	6.55	0
CO3485	CO3046	5.89	10 1-	4/0ACSR	0	0	854	166	54	7	2	0.00	6.56	0
CO3486	CO3485	5.91	9 1-	4/0ACSR	0	0	852	166	44	6	2	0.00	6.56	0
CO3487	CO3486	5.98	4 1-	4ACSR	0	0	838	165	17	2	2	0.01	6.56	0
CO3488	CO3487	6.00	3 1-	4ACSR	0	0	834	165	10	1	1	0.00	6.57	0
CO3489	CO3488	6.09	3 1-	4ACSR	0	0	814	164	10	1	1	0.01	6.57	0
CO3490	CO3489	6.12	3 1-	4ACSR	0	0	807	164	10	1	1	0.00	6.57	0
CO3837	CO3490	6.15	3 1-	4ACSR	0	0	803	163	10	1	1	0.00	6.58	0
CO3491	CO3837	6.18	1 1-	4ACSR	0	0	795	163	7	0	1	0.00	6.58	0
CO3150	CO3837	6.18	1 1-	1/0PRIURD	0	0	800	358	2	0	0	0.00	6.58	0
CO3149	CO3486	5.94	2 1-	4/0ACSR	0	0	849	166	14	2	1	0.00	6.56	0
CO3148	CO3046	5.92	0 1-	4/0ACSR	0	0	851	166	0	0	0	0.00	6.55	0
CO3820	CO3069	5.69	0 3-	4/0ACSR	1091	1020	882	167	0	0	0	0.00	6.44	0
#SW89-B	CO3820	5.69	0 3-	Open	1091	1020	882	167	0	0	0	0.00	6.44	0
CO3178	CO3063	4.71	3 1-	4ACSR	0	0	1021	169	4	0	0	0.00	5.63	0
OC-493497349	CO3178	4.71	0 1-	20 N FUSE	0	0	1021	169	0	0	0	0.00	5.63	0
CO-235018207	CO3565	4.58	5 1-	2ACSR	0	0	1043	169	62	8	5	0.03	5.50	3
CO-1014668998	CO-235018207	4.70	4 1-	2ACSR	0	0	1012	168	46	6	4	0.02	5.53	0
CO1855290407	CO-1014668998	4.72	1 1-	2ACSR	0	0	1005	168	18	2	1	0.00	5.53	0
CO1392229375	CO-1014668998	4.83	2 1-	2ACSR	0	0	979	167	16	2	1	0.00	5.53	0
CO828980580	CO-1014668998	4.77	1 1-	2ACSR	0	0	993	168	12	1	1	0.00	5.53	0
CO2017925851	CO828980580	4.85	1 1-	2ACSR	0	0	974	167	12	1	1	0.00	5.53	0
CO-448609535	CO1847633510	4.37	4 1-	#2 ACSR 7/1	0	0	1092	170	55	7	4	0.01	5.35	0
OC-697522020	CO-448609535	4.37	4 1-	20 N FUSE	0	0	1092	170	55	7	39	0.00	5.35	0
CO891319403	OC-697522020	4.41	4 1-	2ACSR	0	0	1080	170	55	7	4	0.01	5.36	0
CO480748568	CO891319403	4.46	4 1-	2ACSR	0	0	1067	170	55	7	4	0.01	5.37	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-310192311	CO480748568	4.50	1 1-	1/0PRIURD	0	0	1059	395	25	3	2	0.00	5.37	0
CO-770432194	CO480748568	4.54	2 1-	2ACSR	0	0	1045	169	30	4	2	0.01	5.38	0
CO-1147746288	CO-770432194	4.55	0 1-	2ACSR	0	0	1040	169	0	0	0	0.00	5.38	0
CO-1919870771	CO-770432194	4.64	1 1-	2ACSR	0	0	1017	168	19	2	2	0.01	5.39	0
CO-948363005	CO-1919870771	4.68	1 1-	2ACSR	0	0	1007	168	19	2	2	0.00	5.39	0
CO-406504989	CO-770432194	4.64	1 1-	2ACSR	0	0	1018	168	11	1	1	0.00	5.38	0
CO3571	CO3574	4.31	2 1-	4/0AAAC	0	0	1114	171	10	1	0	0.00	5.26	0
CO3572	CO3571	4.33	1 1-	4/0AAAC	0	0	1109	171	4	0	0	0.00	5.26	0
CO3573	CO3572	4.42	1 1-	4/0AAAC	0	0	1092	170	4	0	0	0.00	5.26	0
CO3576	CO3580	4.18	5 1-	4/0AAAC	0	0	1141	171	38	5	1	0.00	5.17	0
OC-1786924155	CO3576	4.18	4 1-	20 N FUSE	0	0	1141	171	27	3	19	0.00	5.17	0
CO3577	OC-1786924155	4.22	4 1-	4/0AAAC	0	0	1132	171	27	3	1	0.00	5.18	0
CO3578	CO3577	4.28	1 1-	4/0AAAC	0	0	1119	171	12	1	0	0.00	5.18	0
CO3579	CO3578	4.33	1 1-	4/0AAAC	0	0	1109	171	12	1	0	0.00	5.18	0
CO3575	CO3580	4.15	0 3-	4/0AAAC	1338	1276	1147	171	0	-13	4	0.00	5.17	0
CA55	CO3575	4.15	0 3-	Capacitor	1338	1276	1147	171	0	-13	0	0.00	5.17	0
CO3085	CO3580	4.20	2 1-	4/0AAAC	0	0	1137	171	14	2	1	0.00	5.17	0
OC-379231044	CO3085	4.20	0 1-	20 N FUSE	0	0	1137	171	0	0	0	0.00	5.17	0
CO3086	CO3001	3.94	2 1-	4ACSR	0	0	1185	171	5	0	0	0.00	4.97	0
CO3589	CO3002	3.84	43 1-	2ACSR	0	0	1215	172	344	49	27	0.04	4.94	22
CO3590	CO3589	3.86	42 1-	2ACSR	0	0	1207	172	333	47	26	0.03	4.97	18
CO3116	CO3590	3.89	2 1-	2ACSR	0	0	1196	172	17	2	1	0.00	4.97	0
CO3817	CO3590	3.87	40 1-	2ACSR	0	0	1205	172	316	45	25	0.01	4.98	5
OC94	CO3817	3.87	40 1-	70 L OCR	0	0	1205	172	316	45	64	0.00	4.98	0
CO3818	OC94	3.89	40 1-	2ACSR	0	0	1197	172	316	45	25	0.03	5.01	15
CO3591	CO3818	3.95	39 1-	2ACSR	0	0	1175	171	309	44	25	0.09	5.11	45
CO3016	CO3591	4.05	12 1-	2ACSR	0	0	1143	170	95	13	8	0.04	5.15	6
CO3105	CO3016	4.11	1 1-	2ACSR	0	0	1124	170	14	1	1	0.00	5.15	0
CO3592	CO3016	4.17	11 1-	2ACSR	0	0	1106	170	81	11	6	0.04	5.19	5
CO-1006668924	CO3592	4.18	8 1-	2ACSR	0	0	1101	169	63	8	5	0.00	5.20	0
CO-2051341119	CO-1006668924	4.23	2 1-	2ACSR	0	0	1086	169	22	3	2	0.00	5.20	0
CO897578386	CO-1006668924	4.23	6 1-	2ACSR	0	0	1088	169	41	5	3	0.01	5.20	0
CO3200	CO897578386	4.30	3 1-	2ACSR	0	0	1066	169	23	3	2	0.01	5.21	0
CO3202	CO3200	4.34	1 1-	2/0 HdCu	0	0	1059	168	7	1	0	0.00	5.21	0
CO3596	CO897578386	4.25	3 1-	2ACSR	0	0	1080	169	18	2	1	0.00	5.21	0
CO3219	CO3596	4.29	1 1-	2ACSR	0	0	1069	169	4	0	0	0.00	5.21	0
CO3597	CO3596	4.27	2 1-	2ACSR	0	0	1074	169	14	1	1	0.00	5.21	0
CO3598	CO3597	4.29	2 1-	2ACSR	0	0	1069	169	14	1	1	0.00	5.21	0
CO-698827312	CO3598	4.38	1 1-	2ACSR	0	0	1043	168	2	0	0	0.00	5.21	0
CO3593	CO3592	4.22	2 1-	2ACSR	0	0	1091	169	13	1	1	0.00	5.19	0
CO3594	CO3593	4.26	1 1-	2ACSR	0	0	1077	169	13	1	1	0.00	5.20	0
CO3014	CO3591	4.01	27 1-	2ACSR	0	0	1155	171	214	30	17	0.06	5.16	20
CO3109	CO3014	4.12	1 1-	2ACSR	0	0	1120	170	9	1	1	0.00	5.17	0
CO85281019	CO3014	4.09	26 1-	2ACSR	0	0	1130	170	204	29	16	0.07	5.24	23
CO-2140503505	CO85281019	4.16	25 1-	2ACSR	0	0	1109	170	193	27	15	0.06	5.30	18
CO3201	CO-2140503505	4.26	2 1-	2ACSR	0	0	1076	169	21	2	2	0.01	5.30	0
CO3599	CO-2140503505	4.22	23 1-	2ACSR	0	0	1089	169	172	24	14	0.05	5.35	13
CO3197	CO3599	4.27	1 1-	2ACSR	0	0	1073	169	10	1	1	0.00	5.35	0
CO3600	CO3599	4.26	21 1-	2ACSR	0	0	1077	169	148	21	12	0.03	5.37	6
CO3611	CO3600	4.32	8 1-	2ACSR	0	0	1060	168	50	7	4	0.01	5.39	0
CO3612	CO3611	4.35	8 1-	2ACSR	0	0	1051	168	50	7	4	0.01	5.39	0
CO3613	CO3612	4.42	6 1-	2ACSR	0	0	1031	168	40	5	3	0.01	5.41	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3614	CO3613	4.46	4 1-	2ACSR	0	0	1020	167	32	4	3	0.01	5.41	0
CO3615	CO3614	4.57	2 1-	2ACSR	0	0	992	167	13	1	1	0.01	5.42	0
CO3616	CO3615	4.64	1 1-	2ACSR	0	0	974	166	13	1	1	0.00	5.42	0
CO3101	CO3614	4.50	1 1-	2ACSR	0	0	1010	167	13	1	1	0.00	5.41	0
CO3100	CO3614	4.54	1 1-	2ACSR	0	0	1001	167	7	0	1	0.00	5.41	0
CO3115	CO3612	4.38	1 1-	2ACSR	0	0	1044	168	6	0	0	0.00	5.39	0
CO3603	CO3600	4.30	11 1-	2ACSR	0	0	1065	169	67	9	5	0.01	5.39	0
CO3604	CO3603	4.33	10 1-	2ACSR	0	0	1056	168	58	8	5	0.01	5.39	0
CO3605	CO3604	4.39	10 1-	2ACSR	0	0	1039	168	58	8	5	0.02	5.41	0
CO3608	CO3605	4.46	6 1-	2ACSR	0	0	1020	167	18	2	1	0.01	5.42	0
CO3609	CO3608	4.49	2 1-	2ACSR	0	0	1014	167	14	2	1	0.00	5.42	0
CO3610	CO3609	4.55	2 1-	2ACSR	0	0	998	167	14	2	1	0.00	5.42	0
CO3606	CO3605	4.46	2 1-	2ACSR	0	0	1022	167	22	3	2	0.00	5.41	0
CO3607	CO3606	4.48	1 1-	2ACSR	0	0	1014	167	10	1	1	0.00	5.41	0
CO3103	CO3605	4.49	1 1-	2ACSR	0	0	1014	167	0	0	0	0.00	5.41	0
CO3102	CO3605	4.48	1 1-	2ACSR	0	0	1017	167	18	2	1	0.00	5.41	0
CO3601	CO3600	4.31	2 1-	2ACSR	0	0	1063	168	31	4	2	0.01	5.38	0
CO3602	CO3601	4.36	1 1-	2ACSR	0	0	1049	168	21	2	2	0.00	5.38	0
CO1646837645	CO85281019	4.13	1 1-	2ACSR	0	0	1116	170	12	1	1	0.00	5.24	0
CO3587	CO3002	3.87	3 1-	4ACSR	0	0	1201	172	16	2	2	0.00	4.90	0
OC1525905467	CO3587	3.87	1 1-	20 N FUSE	0	0	1201	172	10	1	7	0.00	4.90	0
CO3588	OC1525905467	3.91	1 1-	4ACSR	0	0	1185	171	10	1	1	0.00	4.90	0
CO3118	CO3003	3.78	1 1-	2ACSR	0	0	1227	172	4	0	0	0.00	4.80	0
OC1346409554	CO3118	3.78	0 1-	20 N FUSE	0	0	1227	172	0	0	0	0.00	4.80	0
CO3117	CO3003	3.78	1 1-	2ACSR	0	0	1227	172	2	0	0	0.00	4.80	0
OC-419490826	CO3117	3.78	0 1-	20 N FUSE	0	0	1227	172	0	0	0	0.00	4.80	0
CO3815	CO3003	3.72	19 1-	4ACSR	0	0	1245	172	121	17	12	0.01	4.81	0
OC98	CO3815	3.72	19 1-	10 N FUSE	0	0	1245	172	121	17	171	0.00	4.81	0
CO3816	OC98	3.75	19 1-	4ACSR	0	0	1233	172	121	17	12	0.02	4.83	4
CO3004	CO3816	3.86	16 1-	4ACSR	0	0	1188	171	106	15	11	0.07	4.90	13
CO3005	CO3004	3.96	15 1-	4ACSR	0	0	1150	170	90	12	9	0.06	4.96	8
CO3207	CO3005	3.99	3 1-	2ACSR	0	0	1137	170	20	2	2	0.00	4.96	0
CO3621	CO3005	4.01	7 1-	4ACSR	0	0	1128	169	37	5	4	0.01	4.97	0
CO3622	CO3621	4.03	6 1-	4ACSR	0	0	1119	169	31	4	3	0.00	4.97	0
CO3623	CO3622	4.10	4 1-	4ACSR	0	0	1094	168	25	3	3	0.01	4.99	0
CO3624	CO3623	4.15	4 1-	4ACSR	0	0	1075	168	25	3	3	0.01	4.99	0
CO3625	CO3624	4.19	3 1-	4ACSR	0	0	1062	167	22	3	2	0.01	5.00	0
CO3209	CO3625	4.22	0 1-	2ACSR	0	0	1052	167	0	0	0	0.00	5.00	0
CO3626	CO3625	4.22	3 1-	4ACSR	0	0	1050	167	22	3	2	0.00	5.00	0
CO3627	CO3626	4.34	3 1-	4ACSR	0	0	1010	166	22	3	2	0.02	5.02	0
CO3630	CO3627	4.52	1 1-	1/0PRIURD	0	0	971	372	14	2	1	0.00	5.02	0
CO3628	CO3627	4.40	2 1-	4ACSR	0	0	990	165	8	1	1	0.00	5.02	0
CO3629	CO3628	4.49	1 1-	4ACSR	0	0	960	164	0	0	0	0.00	5.02	0
CO3088	CO3005	4.00	2 1-	4ACSR	0	0	1131	169	9	1	1	0.00	4.96	0
CO-504802106	CO3005	3.99	3 1-	4ACSR	0	0	1136	169	24	3	2	0.01	4.96	0
CO-1821629849	CO-504802106	4.04	1 1-	4ACSR	0	0	1117	169	4	0	0	0.00	4.96	0
CO3620	CO-1821629849	4.13	1 1-	4ACSR	0	0	1082	168	4	0	0	0.00	4.97	0
CO-297182721	CO-504802106	4.03	2 1-	2ACSR	0	0	1124	169	20	2	2	0.00	4.97	0
CO-980390046	CO-297182721	4.05	1 1-	2ACSR	0	0	1116	169	6	0	0	0.00	4.97	0
CO3087	CO3004	3.98	1 1-	4ACSR	0	0	1139	170	17	2	2	0.01	4.92	0
CO662541423	CO3087	4.16	1 1-	1/0PRIURD	0	0	1106	393	17	2	2	0.01	4.93	0
CO-1538202555	CO662541423	4.19	1 1-	1/0PRIURD	0	0	1101	392	17	2	2	0.00	4.93	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2107907031	CO662541423	4.20	0 1-	1/0PRIURD	0	0	1098	392	0	0	0	0.00	4.93	0
CO3617	CO3816	3.76	1 1-	500 MCM ACSR 30	0	0	1231	172	10	1	0	0.00	4.83	0
CO3618	CO3617	3.83	1 1-	500 MCM ACSR 30	0	0	1217	172	10	1	0	0.00	4.83	0
CO3838	CO3024	3.74	3 1-	4/0AAAC	0	0	1244	172	19	2	1	0.00	4.78	0
OC27760786	CO3838	3.74	2 1-	20 N FUSE	0	0	1244	172	12	1	8	0.00	4.78	0
CO3793	OC27760786	3.75	2 1-	4/0AAAC	0	0	1239	172	12	1	0	0.00	4.78	0
CO3794	CO3793	3.87	0 1-	4/0AAAC	0	0	1211	172	0	0	0	0.00	4.78	0
CO3795	CO3794	3.93	0 1-	4/0AAAC	0	0	1197	172	0	0	0	0.00	4.78	0
CO3106	CO3793	3.81	1 1-	4/0AAAC	0	0	1225	172	6	0	0	0.00	4.78	0
CO3108	CO3632	3.53	3 1-	4/0AAAC	0	0	1299	173	22	3	1	0.00	4.49	0
OC-1448727838	CO3108	3.53	0 1-	20 N FUSE	0	0	1299	173	0	0	0	0.00	4.49	0
CO3107	CO3632	3.53	1 1-	4/0AAAC	0	0	1299	173	4	0	0	0.00	4.49	0
OC-1809055944	CO3107	3.53	0 1-	20 N FUSE	0	0	1299	173	0	0	0	0.00	4.49	0
CO3110	CO3007	3.35	7 1-	4/0AAAC	0	0	1349	174	17	2	1	0.00	4.34	0
OC-864122840	CO3110	3.35	0 1-	20 N FUSE	0	0	1349	174	0	0	0	0.00	4.34	0
CO3813	CO3008	3.19	51 1-	2ACSR	0	0	1397	174	322	45	25	0.01	4.22	5
OC108	CO3813	3.19	51 1-	70 4E OCR	0	0	1397	174	322	45	65	0.00	4.22	0
CO3814	OC108	3.22	51 1-	2ACSR	0	0	1385	174	322	45	25	0.04	4.26	20
CO3634	CO3814	3.28	50 1-	2ACSR	0	0	1357	173	321	45	25	0.09	4.35	44
CO3640	CO3634	3.33	44 1-	2ACSR	0	0	1334	173	294	41	23	0.07	4.42	33
CO3641	CO3640	3.42	40 1-	2ACSR	0	0	1297	172	266	37	21	0.11	4.53	45
CO3017	CO3641	3.46	39 1-	2ACSR	0	0	1282	172	256	36	20	0.04	4.57	17
CO3644	CO3017	3.52	37 1-	2ACSR	0	0	1256	171	251	35	20	0.08	4.64	30
CO3645	CO3644	3.54	36 1-	2ACSR	0	0	1250	171	251	35	20	0.02	4.66	7
CO3646	CO3645	3.56	36 1-	2ACSR	0	0	1241	171	251	35	20	0.03	4.69	10
CO3647	CO3646	3.62	35 1-	2ACSR	0	0	1218	171	239	34	19	0.07	4.75	24
CO3650	CO3647	3.70	30 1-	2ACSR	0	0	1190	170	214	30	17	0.07	4.82	23
CO3651	CO3650	3.77	28 1-	2ACSR	0	0	1164	170	194	27	15	0.07	4.89	20
CO3652	CO3651	3.83	26 1-	2ACSR	0	0	1143	169	183	26	15	0.05	4.94	14
CO3114	CO3652	3.88	1 1-	2ACSR	0	0	1128	169	10	1	1	0.00	4.94	0
CO3020	CO3652	3.87	24 1-	2ACSR	0	0	1132	169	171	24	14	0.03	4.97	7
CO3653	CO3020	3.95	2 1-	2ACSR	0	0	1106	168	4	0	0	0.00	4.97	0
CO3654	CO3653	3.97	1 1-	2ACSR	0	0	1097	168	2	0	0	0.00	4.97	0
CO3021	CO3020	4.01	22 1-	2ACSR	0	0	1086	168	168	23	13	0.11	5.08	29
CO3656	CO3021	4.09	2 1-	2ACSR	0	0	1061	167	17	2	1	0.01	5.08	0
CO3657	CO3656	4.19	1 1-	2ACSR	0	0	1034	167	3	0	0	0.00	5.09	0
CO3223	CO3656	4.16	1 1-	4ACSR	0	0	1037	167	14	1	1	0.00	5.09	0
CO3022	CO3021	4.05	20 1-	2ACSR	0	0	1075	168	151	21	12	0.02	5.10	6
CO8243	CO3022	4.11	0 1-	2ACSR	0	0	1058	167	0	0	0	0.00	5.10	0
CO3655	CO3022	4.09	20 1-	2ACSR	0	0	1061	167	151	21	12	0.03	5.14	8
OC1595024518	CO3655	4.09	19 1-	20 N FUSE	0	0	1061	167	141	20	101	0.00	5.14	0
CO8240	OC1595024518	4.13	19 1-	2ACSR	0	0	1051	167	141	20	11	0.02	5.16	5
CO8242	CO8240	4.21	3 1-	2ACSR	0	0	1027	167	29	4	2	0.01	5.17	0
CO8241	CO8242	4.32	1 1-	2ACSR	0	0	998	166	13	1	1	0.00	5.17	0
CO3658	CO8242	4.26	1 1-	2ACSR	0	0	1014	166	5	0	0	0.00	5.17	0
CO2799	CO8240	4.14	2 1-	2ACSR	0	0	1046	167	16	2	1	0.00	5.16	0
CO2798	CO2799	4.18	2 1-	2ACSR	0	0	1036	167	16	2	1	0.00	5.16	0
CO-2097512777	CO2798	4.20	1 1-	2ACSR	0	0	1030	167	3	0	0	0.00	5.16	0
CO2554	CO8240	4.27	13 1-	2ACSR	0	0	1011	166	90	12	7	0.06	5.22	8
CO2553	CO2554	4.37	12 1-	2ACSR	0	0	985	165	89	12	7	0.03	5.25	4
CO2716	CO2553	4.39	2 1-	2ACSR	0	0	979	165	21	3	2	0.00	5.25	0
CO2715	CO2716	4.44	1 1-	2ACSR	0	0	967	165	9	1	1	0.00	5.25	0

Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2400	CO2553	4.45	7 1-	2ACSR	0	0	964	165	42	6	3	0.02	5.27	0
CO2560	CO2400	4.51	6 1-	2ACSR	0	0	949	164	37	5	3	0.01	5.28	0
CO2555	CO2560	4.57	6 1-	2ACSR	0	0	935	164	37	5	3	0.01	5.28	0
CO2559	CO2555	4.64	3 1-	2ACSR	0	0	919	164	20	2	2	0.00	5.29	0
CO2556	CO2559	4.72	2 1-	2ACSR	0	0	900	163	9	1	1	0.00	5.29	0
CO2558	CO2556	4.76	1 1-	2ACSR	0	0	892	163	0	0	0	0.00	5.29	0
CO2557	CO2558	4.83	1 1-	2ACSR	0	0	877	162	0	0	0	0.00	5.29	0
CO2439	CO2400	4.48	1 1-	2ACSR	0	0	955	165	6	0	0	0.00	5.27	0
CO3648	CO3647	3.69	5 1-	2ACSR	0	0	1194	170	25	3	2	0.01	4.76	0
CO3649	CO3648	3.72	3 1-	2ACSR	0	0	1184	170	11	1	1	0.00	4.76	0
CO381567007	CO3648	3.77	0 1-	2ACSR	0	0	1166	170	0	0	0	0.00	4.76	0
CO2055756138	CO381567007	3.83	0 1-	2ACSR	0	0	1145	169	0	0	0	0.00	4.76	0
CO3112	CO3017	3.56	2 1-	2ACSR	0	0	1240	171	4	0	0	0.00	4.57	0
CO3642	CO3641	3.52	1 1-	2ACSR	0	0	1258	172	10	1	1	0.00	4.53	0
CO3643	CO3642	3.55	1 1-	2ACSR	0	0	1245	171	10	1	1	0.00	4.53	0
CO3217	CO3640	3.38	2 1-	2ACSR	0	0	1313	173	15	2	1	0.00	4.42	0
CO3839	CO3640	3.37	1 1-	2ACSR	0	0	1316	173	8	1	1	0.00	4.42	0
CO3018	CO3634	3.33	5 1-	2ACSR	0	0	1336	173	22	3	2	0.00	4.35	0
CO3635	CO3018	3.37	5 1-	2ACSR	0	0	1316	173	22	3	2	0.00	4.35	0
CO3636	CO3635	3.40	4 1-	2ACSR	0	0	1305	172	21	2	2	0.00	4.36	0
CO3637	CO3636	3.52	2 1-	2ACSR	0	0	1258	172	6	0	1	0.00	4.36	0
CO3638	CO3637	3.61	1 1-	2ACSR	0	0	1222	171	6	0	0	0.00	4.36	0
CO3639	CO3638	3.67	1 1-	2ACSR	0	0	1199	170	6	0	0	0.00	4.36	0
CO3111	CO3635	3.42	0 1-	2ACSR	0	0	1297	172	0	0	0	0.00	4.35	0
CO3091	CO3009	3.19	2 1-	4/0AAAC	0	0	1400	174	8	1	0	0.00	4.08	0
OC532285935	CO3091	3.19	0 1-	20 N FUSE	0	0	1400	174	0	0	0	0.00	4.08	0
CO3811	CO3010	3.00	41 1-	2ACSR	0	0	1458	175	270	38	21	0.01	3.97	3
OC90	CO3811	3.00	41 1-	70 L OCR	0	0	1458	175	270	38	55	0.00	3.97	0
CO3812	OC90	3.19	41 1-	2ACSR	0	0	1372	173	270	38	21	0.23	4.20	94
CO3659	CO3812	3.21	3 1-	2ACSR	0	0	1362	173	25	3	2	0.00	4.20	0
CO3660	CO3659	3.29	2 1-	2ACSR	0	0	1325	172	14	1	1	0.01	4.21	0
CO3661	CO3660	3.31	2 1-	2ACSR	0	0	1317	172	14	1	1	0.00	4.21	0
CO3662	CO3661	3.36	1 1-	2ACSR	0	0	1297	172	14	1	1	0.00	4.21	0
CO3203	CO3659	3.29	1 1-	2ACSR	0	0	1328	172	11	1	1	0.00	4.20	0
CO3025	CO3812	3.29	38 1-	4ACSR	0	0	1317	172	245	34	25	0.17	4.37	66
CO3663	CO3025	3.38	36 1-	4ACSR	0	0	1274	171	225	31	23	0.13	4.49	46
CO3664	CO3663	3.49	35 1-	4ACSR	0	0	1220	170	216	30	22	0.16	4.65	57
CO3668	CO3664	3.58	30 1-	4ACSR	0	0	1183	169	172	24	17	0.10	4.75	27
CO3669	CO3668	3.74	30 1-	4ACSR	0	0	1113	167	171	24	17	0.19	4.93	53
CO3670	CO3669	3.93	30 1-	4ACSR	0	0	1040	165	171	24	17	0.21	5.15	60
CO3671	CO3670	4.05	28 1-	4ACSR	0	0	999	164	160	22	16	0.12	5.27	32
CO3672	CO3671	4.13	26 1-	4ACSR	0	0	971	163	154	22	16	0.08	5.35	21
CO3012	CO3672	4.24	24 1-	4ACSR	0	0	937	162	136	19	14	0.10	5.45	21
CO3675	CO3012	4.28	3 1-	4ACSR	0	0	927	162	8	1	1	0.00	5.45	0
CO3676	CO3675	4.31	3 1-	4ACSR	0	0	916	162	8	1	1	0.00	5.45	0
CO-522507343	CO3676	4.33	1 1-	2ACSR	0	0	912	161	5	0	0	0.00	5.45	0
CO3673	CO3012	4.31	20 1-	4ACSR	0	0	917	162	127	18	13	0.05	5.50	10
CO3674	CO3673	4.43	15 1-	4ACSR	0	0	882	160	99	14	10	0.08	5.57	12
CO3677	CO3674	4.45	10 1-	4ACSR	0	0	877	160	73	10	7	0.01	5.58	0
CO3678	CO3677	4.49	9 1-	4ACSR	0	0	867	160	63	9	6	0.01	5.60	0
CO850024679	CO3678	4.50	8 1-	2ACSR	0	0	864	160	53	7	4	0.00	5.60	0
CO1178205722	CO850024679	4.53	1 1-	2ACSR	0	0	857	160	5	0	0	0.00	5.60	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1580180787	CO850024679	4.53	7 1-	2ACSR	0	0	859	160	48	6	4	0.01	5.61	0
CO3683	CO1580180787	4.57	1 1-	4ACSR	0	0	847	159	5	0	0	0.00	5.61	0
CO3684	CO3683	4.66	1 1-	4ACSR	0	0	826	158	5	0	0	0.00	5.61	0
CO3680	CO1580180787	4.60	6 1-	4ACSR	0	0	841	159	43	6	4	0.02	5.63	0
CO3681	CO3680	4.69	6 1-	4ACSR	0	0	817	158	43	6	4	0.03	5.66	0
CO3682	CO3681	4.75	6 1-	4ACSR	0	0	803	157	43	6	4	0.02	5.67	0
CO3013	CO3682	4.82	5 1-	4ACSR	0	0	787	157	35	4	4	0.02	5.69	0
CO8253	CO3013	4.98	4 1-	4ACSR	0	0	753	155	27	3	3	0.03	5.72	0
CO4060	CO8253	5.01	3 1-	4ACSR	0	0	746	155	27	3	3	0.00	5.72	0
CO4059	CO4060	5.07	2 1-	4ACSR	0	0	734	155	15	2	2	0.01	5.73	0
CO4061	CO4059	5.15	2 1-	4ACSR	0	0	718	154	15	2	2	0.00	5.73	0
CO3095	CO3013	4.89	1 1-	4ACSR	0	0	771	156	8	1	1	0.00	5.69	0
CO3094	CO3682	4.82	1 1-	4ACSR	0	0	787	157	9	1	1	0.00	5.67	0
CO3196	CO3677	4.47	1 1-	2ACSR	0	0	873	160	10	1	1	0.00	5.59	0
CO3120	CO3674	4.47	2 1-	4ACSR	0	0	873	160	7	1	1	0.00	5.58	0
CO3096	CO3674	4.48	1 1-	4ACSR	0	0	869	160	11	1	1	0.00	5.58	0
CO-357246619	CO3673	4.38	1 1-	2ACSR	0	0	900	161	2	0	0	0.00	5.50	0
CO3097	CO3672	4.16	1 1-	4ACSR	0	0	963	163	12	1	1	0.00	5.35	0
CO3123	CO3670	4.05	1 1-	4ACSR	0	0	999	164	1	0	0	0.00	5.15	0
CO3098	CO3670	3.96	1 1-	4ACSR	0	0	1032	165	11	1	1	0.00	5.15	0
CO3665	CO3664	3.52	5 1-	4ACSR	0	0	1208	170	44	6	4	0.01	4.66	0
CO3666	CO3665	3.61	3 1-	4ACSR	0	0	1170	169	24	3	2	0.01	4.67	0
CO3667	CO3666	3.64	1 1-	4ACSR	0	0	1156	168	9	1	1	0.00	4.67	0
CO3099	CO3025	3.35	1 1-	4ACSR	0	0	1287	171	10	1	1	0.00	4.37	0
CO3809	CO3691	2.96	0 3-	4/0AAAC	1611	1572	1476	175	0	0	0	0.00	3.88	0
CO3810	CO3809	2.96	0 3-	4/0AAAC	1609	1570	1474	175	0	0	0	0.00	3.88	0
#SW109-A	CO3810	2.96	0 3-	Open	1609	1570	1474	175	0	0	0	0.00	3.88	0
CO3092	CO3691	3.03	0 1-	4/0AAAC	0	0	1450	174	0	0	0	0.00	3.88	0
OC947739058	CO3092	3.03	0 1-	20 N FUSE	0	0	1450	174	0	0	0	0.00	3.88	0
CO3093	CO3011	2.83	2 1-	1/0ACSR	0	0	1533	175	8	1	0	0.00	3.42	0
OC128440445	CO3093	2.83	0 1-	20 N FUSE	0	0	1533	175	0	0	0	0.00	3.42	0
CO2675+	CO2397	2.41	1 1-	4ACSR	0	0	1744	334	10	0	0	0.00	1.83	0
CO2674+	CO2397	2.43	1 1-	4ACSR	0	0	1733	334	6	0	0	0.00	1.83	0
CO2711+	CO1872941073	2.10	2 1-	1/0ACSR	0	0	1860	338	6	0	0	0.00	1.59	0
CO2710+	CO2711	2.11	2 1-	1/0ACSR	0	0	1853	338	6	0	0	0.00	1.59	0
CO1475949864+	CO1391025622	2.05	0 1-	#2 ACSR 7/1	0	0	1878	339	0	0	0	0.00	1.52	0
CO2659+	CO2398	1.94	6 3-	2ACSR	2114	2051	1920	340	50	1	1	0.00	1.43	0
CO2663+	CO2659	1.98	6 3-	2ACSR	2100	2036	1903	339	50	1	1	0.00	1.43	0
CO2660+	CO2663	2.03	6 3-	2ACSR	2083	2017	1883	339	50	1	1	0.00	1.43	0
CO2662+	CO2660	2.06	5 3-	2ACSR	2070	2003	1867	338	41	0	1	0.00	1.43	0
CO2661+	CO2662	2.11	5 3-	2ACSR	2053	1984	1846	337	41	0	1	0.00	1.43	0
CO-813213923+	CO2661	2.18	2 1-	1/0PRIURD	0	0	1825	769	11	0	1	0.00	1.43	0
CO2478+	CO2501	1.39	2 3-	2ACSR	2299	2257	2157	345	154	3	2	0.00	0.90	0
OC-2058373496+	CO2478	1.39	1 3-	20 N FUSE	2299	2257	2157	345	151	3	17	0.00	0.90	0
CO-903220423+	OC-2058373496	1.45	1 3-	2ACSR	2275	2229	2124	345	151	3	2	0.00	0.91	0
CO-1025875265+	CO-903220423	1.50	1 3-	2ACSR	2255	2207	2098	344	151	3	2	0.00	0.91	0
CO-1944918723+	CO-1025875265	1.51	0 3-	2ACSR	2251	2203	2093	344	0	0	0	0.00	0.91	0
CO2447+	CO2573	1.31	1 1-	4ACSR	0	0	2188	346	3	0	0	0.00	0.80	0
CO2726+	CO2850	0.30	0 1-	4ACSR	0	0	2708	354	0	0	0	0.00	0.12	0
CO2728+	CO2726	0.32	0 1-	4ACSR	0	0	2687	353	0	0	0	0.00	0.12	0
CO2727+	CO2728	0.37	0 1-	4ACSR	0	0	2648	352	0	0	0	0.00	0.12	0

Title: FLEMING - MASON ENERGY COOPERATIVE - KENTUCKY 52 FLEMING - FLEMINGSBURG, KENTUCKY
Case: 2008-2009 CONSTRUCTION WORK PLAN - EXISTING WINTER 2005-06 SYSTEM
Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES CONS	PHS CONSTR-N	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS

SUB	8 total losses:	\$55,402												
	Total System Losses:	\$798,244												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB	0 CHARTERS SUB		3002		2534	2718	2727	354	14273					
CO20412+	CHARTERS SUB	0.00	3002 3-	750 MCM - 42 Wi	2533	2716	2725	354	14273	322	28	0.00	0.00	20
CO20413+	CO20412	0.01	3002 3-	750 MCM - 42 Wi	2532	2714	2723	354	14273	322	28	0.00	0.00	20
CO20417+	CO20413	0.01	709 3-	750 MCM - 42 Wi	2530	2712	2720	354	3027	68	6	0.00	0.00	0
Tollesboro ckt+	CO20417	0.01	709 3-	560 200WVE	2530	2712	2720	354	3027	68	12	0.00	0.00	0
CO20364+	Tollesboro ckt	0.20	709 3-	4/0ACSR	2465	2602	2610	352	3027	68	20	0.06	0.07	246
CO20365+	CO20364	0.29	707 3-	4/0ACSR	2432	2550	2555	352	3021	68	20	0.03	0.10	127
CO20240+	CO20365	0.50	704 3-	4/0ACSR	2364	2444	2444	351	3007	67	20	0.07	0.17	275
CO20227+	CO20240	0.67	704 3-	4/0ACSR	2312	2368	2362	349	3005	67	20	0.06	0.23	220
CO20370+	CO20227	0.81	1 1-	4ACSR	0	0	2266	346	7	0	0	0.00	0.23	0
OC-209400078+	CO20370	0.81	1 1-	15 N FUSE	0	0	2266	346	7	0	3	0.00	0.23	0
CO20371+	OC-209400078	0.93	1 1-	4ACSR	0	0	2189	344	7	0	0	0.00	0.23	0
CO20239+	CO20227	0.77	703 3-	4/0ACSR	2279	2322	2312	349	2998	67	20	0.04	0.26	139
CO20372+	CO20239	0.84	703 3-	4/0ACSR	2259	2294	2281	348	2997	67	20	0.02	0.28	89
CO20373+	CO20372	0.88	702 3-	4/0ACSR	2249	2279	2265	348	2995	67	20	0.01	0.30	48
CO20229+	CO20373	0.91	20 1-	4ACSR	0	0	2245	347	77	5	4	0.00	0.30	0
OC-2104839343+	CO20229	0.91	20 1-	15 N FUSE	0	0	2245	347	77	5	35	0.00	0.30	0
CO20374+	OC-2104839343	1.01	4 1-	4ACSR	0	0	2182	345	10	0	1	0.00	0.30	0
CO20375+	CO20374	1.05	2 1-	4ACSR	0	0	2158	344	4	0	0	0.00	0.30	0
CO20245+	CO20375	1.08	0 1-	4ACSR	0	0	2137	344	0	0	0	0.00	0.30	0
CO20376+	CO20375	1.08	2 1-	4ACSR	0	0	2139	344	4	0	0	0.00	0.30	0
CO20377+	CO20376	1.10	2 1-	4ACSR	0	0	2125	343	4	0	0	0.00	0.30	0
CO20230+	OC-2104839343	0.98	16 1-	4ACSR	0	0	2201	346	67	4	3	0.01	0.31	0
CO20426+	CO20230	0.98	14 1-	4ACSR	0	0	2197	346	66	4	3	0.00	0.31	0
OC613+	OC613	0.98	14 1-	10 N FUSE	0	0	2197	346	66	4	45	0.00	0.31	0
CO20427+	OC613	1.09	14 1-	4ACSR	0	0	2132	343	66	4	3	0.01	0.32	0
CO20238+	CO20427	1.16	13 1-	4ACSR	0	0	2090	342	55	3	3	0.01	0.33	0
CO20246+	CO20238	1.20	1 1-	4ACSR	0	0	2068	341	4	0	0	0.00	0.33	0
CO20379+	CO20238	1.23	12 1-	4ACSR	0	0	2047	340	52	3	3	0.01	0.33	0
CO20269+	CO20379	1.32	1 1-	2ACSR	0	0	2003	339	2	0	0	0.00	0.33	0
CO20380+	CO20379	1.26	10 1-	4ACSR	0	0	2030	340	41	2	2	0.00	0.33	0
CO20378+	CO20380	1.32	10 1-	4ACSR	0	0	1994	338	41	2	2	0.00	0.34	0
CO20381+	CO20378	1.35	10 1-	4ACSR	0	0	1978	338	41	2	2	0.00	0.34	0
CO20382+	CO20381	1.42	7 1-	4ACSR	0	0	1940	336	30	2	1	0.00	0.34	0
CO20383+	CO20382	1.47	4 1-	4ACSR	0	0	1913	335	16	1	1	0.00	0.34	0
CO20384+	CO20383	1.52	4 1-	4ACSR	0	0	1885	334	16	1	1	0.00	0.34	0
CO738062407+	CO20384	1.62	0 1-	2ACSR	0	0	1842	333	0	0	0	0.00	0.34	0
CO20385+	CO20384	1.59	1 1-	4ACSR	0	0	1847	333	9	0	0	0.00	0.34	0
CO20257+	CO20427	1.14	1 1-	4ACSR	0	0	2101	342	11	0	1	0.00	0.32	0
CO20248+	CO20230	1.02	0 1-	4ACSR	0	0	2175	345	0	0	0	0.00	0.31	0
CO20247+	CO20230	1.02	2 1-	4ACSR	0	0	2176	345	1	0	0	0.00	0.31	0
CO20228+	CO20373	1.10	682 3-	4/0ACSR	2186	2195	2171	347	2918	65	19	0.07	0.37	276
CO20249+	CO20228	1.21	1 1-	4/0ACSR	0	0	2126	346	7	0	0	0.00	0.37	0
OC-1502923152+	CO20249	1.21	0 1-	15 N FUSE	0	0	2126	346	0	0	0	0.00	0.37	0
CO20386+	CO20228	1.15	681 3-	4/0ACSR	2171	2175	2149	346	2909	65	19	0.02	0.39	66
CO20387+	CO20386	1.19	681 3-	4/0ACSR	2160	2160	2132	346	2909	65	19	0.01	0.40	53
CO20388+	CO20387	1.27	681 3-	4/0ACSR	2139	2133	2102	346	2909	65	19	0.03	0.43	96
CO20389+	CO20388	1.41	681 3-	4/0ACSR	2101	2085	2048	345	2908	65	19	0.05	0.47	180
CO20231+	CO20389	1.50	680 3-	4/0ACSR	2078	2057	2015	344	2903	65	19	0.03	0.50	111
CO20390+	CO20231	1.54	2 1-	4/0ACSR	0	0	2002	344	10	0	0	0.00	0.50	0
OC-1852861877+	CO20390	1.54	1 1-	15 N FUSE	0	0	2002	344	8	0	4	0.00	0.50	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20391+	OC-1852861877	1.67	1 1-	4/0ACSR	0	0	1957	343	8	0	0	0.00	0.50	0
CO20392+	CO20391	1.71	0 1-	4/0ACSR	0	0	1946	343	0	0	0	0.00	0.50	0
CO20232+	CO20231	1.60	678 3-	4/0ACSR	2054	2028	1982	344	2893	65	19	0.03	0.53	117
CO20251+	CO20232	1.67	1 1-	4/0ACSR	0	0	1960	343	6	0	0	0.00	0.53	0
OC-2025263807+	CO20251	1.67	0 1-	15 N FUSE	0	0	1960	343	0	0	0	0.00	0.53	0
CO20233+	CO20232	1.71	677 3-	4/0ACSR	2026	1994	1944	343	2886	65	19	0.04	0.57	139
CO20428+	CO20233	1.72	4 1-	4ACSR	0	0	1940	343	18	1	1	0.00	0.57	0
OC614+	CO20428	1.72	4 1-	10 N FUSE	0	0	1940	343	18	1	13	0.00	0.57	0
CO20429+	OC614	1.76	4 1-	4ACSR	0	0	1920	342	18	1	1	0.00	0.57	0
CO20395+	CO20429	1.78	2 1-	4ACSR	0	0	1911	341	11	0	1	0.00	0.57	0
CO20396+	CO20395	1.98	0 1-	4ACSR	0	0	1817	337	0	0	0	0.00	0.57	0
CO20397+	CO20396	2.05	0 1-	4ACSR	0	0	1784	336	0	0	0	0.00	0.57	0
CO20398+	CO20397	2.10	0 1-	4ACSR	0	0	1761	335	0	0	0	0.00	0.57	0
CO23709+	CO20398	2.36	0 1-	4ACSR	0	0	1646	329	0	0	0	0.00	0.57	0
CO20394+	CO20429	1.82	1 1-	2ACSR	0	0	1896	341	7	0	0	0.00	0.57	0
CO20393+	CO20429	1.79	0 1-	2ACSR	0	0	1907	341	0	0	0	0.00	0.57	0
CO20271+	CO20429	1.85	0 1-	2ACSR	0	0	1880	340	0	0	0	0.00	0.57	0
CO20234+	CO20233	1.86	673 3-	4/0ACSR	1990	1951	1895	342	2867	64	19	0.05	0.62	183
CO20399+	CO20234	1.88	673 3-	4/0ACSR	1986	1945	1888	342	2867	64	19	0.01	0.62	24
CO20270+	CO20399	1.93	4 1-	2ACSR	0	0	1869	341	13	0	0	0.00	0.62	0
OC-1228369269+	CO20270	1.93	0 1-	15 N FUSE	0	0	1869	341	0	0	0	0.00	0.62	0
CO20400+	CO20399	2.05	669 3-	4/0ACSR	1947	1900	1836	341	2854	64	19	0.05	0.68	203
CO20401+	CO20400	2.11	667 3-	4/0ACSR	1934	1885	1820	340	2852	64	19	0.02	0.70	69
CO20402+	CO20401	2.14	667 3-	4/0ACSR	1929	1879	1812	340	2852	64	19	0.01	0.70	31
CO20430+	CO20402	2.14	0 1-	4/0ACSR	0	0	1810	340	0	0	0	0.00	0.70	0
OC615+	CO20430	2.14	0 1-	10 N FUSE	0	0	1810	340	0	0	0	0.00	0.70	0
CO20235+	CO20402	2.20	660 3-	4/0ACSR	1914	1862	1793	340	2812	63	19	0.02	0.73	77
CO30540+	CO20235	2.28	657 3-	4/0ACSR	1897	1842	1770	339	2791	63	19	0.03	0.75	93
CO20408+	CO30540	2.38	2 1-	4/0ACSR	0	0	1745	339	13	0	0	0.00	0.75	0
OC-1931761683+	CO20408	2.38	1 1-	15 N FUSE	0	0	1745	339	4	0	2	0.00	0.75	0
CO20409+	OC-1931761683	2.39	1 1-	4/0ACSR	0	0	1743	339	4	0	0	0.00	0.75	0
CO20236+	CO30540	2.40	655 3-	4/0ACSR	1873	1815	1739	339	2777	62	18	0.04	0.79	129
CO20411+	CO20236	2.42	2 1-	4/0ACSR	0	0	1735	339	22	1	0	0.00	0.79	0
OC-388389529+	CO20411	2.42	2 1-	15 N FUSE	0	0	1735	339	22	1	10	0.00	0.79	0
CO23708+	OC-388389529	2.53	1 1-	4/0ACSR	0	0	1705	338	15	1	0	0.00	0.79	0
CO23707+	OC-388389529	2.59	1 1-	4/0ACSR	0	0	1691	337	7	0	0	0.00	0.79	0
CO20410+	CO20236	2.47	653 3-	4/0ACSR	1857	1798	1719	338	2755	62	18	0.02	0.81	85
CO23706+	CO20410	2.59	653 3-	4/0ACSR	1834	1770	1690	337	2755	62	18	0.03	0.84	127
CO20827+	CO23706	2.66	653 3-	4/0ACSR	1819	1754	1671	337	2754	62	18	0.02	0.87	85
CO20866+	CO20827	2.79	4 1-	4/0ACSR	0	0	1641	336	17	1	0	0.00	0.87	0
OC1123540003+	CO20866	2.79	1 1-	15 N FUSE	0	0	1641	336	9	0	4	0.00	0.87	0
CO20865+	OC1123540003	2.90	1 1-	4/0ACSR	0	0	1615	335	9	0	0	0.00	0.87	0
CO20839+	CO20827	2.82	649 3-	4/0ACSR	1788	1721	1632	336	2737	61	18	0.05	0.92	178
CO20838+	CO20839	2.92	649 3-	4/0ACSR	1771	1702	1611	335	2736	61	18	0.03	0.94	101
CO20841+	CO20838	3.02	648 3-	4/0ACSR	1753	1682	1588	335	2726	61	18	0.03	0.97	109
CO20840+	CO20841	3.08	648 3-	4/0ACSR	1741	1670	1575	334	2725	61	18	0.02	0.99	67
CO20828+	CO20840	3.21	646 3-	4/0ACSR	1718	1646	1546	334	2718	61	18	0.04	1.03	142
CO20829+	CO20828	3.26	397 3-	1/0ACSR	1707	1634	1533	333	1457	32	14	0.01	1.05	31
CO22629+	CO20829	3.28	397 3-	1/0ACSR	1702	1628	1527	333	1457	32	14	0.01	1.05	15
CO22630+	CO22629	3.36	397 3-	1/0ACSR	1686	1612	1508	332	1457	32	14	0.02	1.07	46
CO22628+	CO22630	3.38	396 3-	1/0ACSR	1683	1608	1504	332	1454	32	14	0.00	1.08	11
CO22582+	CO22628	3.42	1 1-	1/0ACSR	0	0	1495	331	4	0	0	0.00	1.08	0

Case: 2008-2009 CONSTRUCTION WORK PLAN - EXISTING SYSTEM WITH PROJECTED WINTER 2008-09 LOADS
 Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC2134884994+	CO22582	3.42	0 1-	15 N FUSE	0	0	1495	331	0	0	0	0.00	1.08	0
CO22560+	CO22628	3.47	393 3-	1/0ACSR	1663	1587	1481	331	1432	31	14	0.02	1.10	55
CO22583+	CO22560	3.53	2 1-	1/0ACSR	0	0	1468	330	13	0	0	0.00	1.10	0
OC1467439709+	CO22583	3.53	0 1-	15 N FUSE	0	0	1468	330	0	0	0	0.00	1.10	0
CO22735+	CO22560	3.48	390 3-	1/0ACSR	1662	1586	1480	331	1405	31	14	0.00	1.10	4
OC693+	CO22735	3.48	390 3-	100 E OCR	1662	1586	1480	331	1405	31	31	0.00	1.10	0
CO22736+	OC693	3.53	390 3-	1/0ACSR	1651	1575	1467	330	1405	31	14	0.01	1.12	30
CO22627+	CO22736	3.57	388 3-	1/0ACSR	1644	1567	1459	330	1393	31	14	0.01	1.12	19
CO22625+	CO22627	3.71	386 3-	1/0ACSR	1617	1540	1427	328	1380	30	13	0.03	1.16	77
CO22626+	CO22625	3.75	386 3-	1/0ACSR	1610	1532	1419	328	1380	30	13	0.01	1.17	21
CO22621+	CO22626	3.81	380 3-	1/0ACSR	1597	1520	1405	327	1356	30	13	0.02	1.18	34
CO22622+	CO22621	4.25	380 3-	1/0ACSR	1518	1440	1317	323	1355	30	13	0.10	1.29	230
CO22620+	CO22622	4.50	379 3-	1/0ACSR	1475	1397	1270	321	1354	30	13	0.06	1.35	134
CO22733+	CO22620	4.51	2 1-	4ACSR	0	0	1268	320	1	0	0	0.00	1.35	0
OC686+	CO22733	4.51	2 1-	10 N FUSE	0	0	1268	320	1	0	0	0.00	1.35	0
CO22734+	OC686	4.66	2 1-	4ACSR	0	0	1233	318	1	0	0	0.00	1.35	0
CO22619+	CO22734	5.05	1 1-	4ACSR	0	0	1145	310	0	0	0	0.00	1.35	0
CO22618+	CO22619	5.12	1 1-	4ACSR	0	0	1130	309	0	0	0	0.00	1.35	0
CO22617+	CO22618	5.29	0 1-	4ACSR	0	0	1097	306	0	0	0	0.00	1.35	0
CO22585+	CO22620	4.86	1 1-	4ACSR	0	0	1186	314	0	0	0	0.00	1.35	0
CO22615+	CO22620	4.56	376 3-	1/0ACSR	1466	1388	1260	320	1353	30	13	0.01	1.36	31
CO22616+	CO22615	4.69	376 3-	1/0ACSR	1444	1367	1237	319	1353	30	13	0.03	1.39	69
CO22614+	CO22616	4.90	375 3-	1/0ACSR	1411	1335	1202	317	1350	30	13	0.05	1.44	110
CO22610+	CO22614	4.94	5 1-	1/0ACSR	0	0	1197	316	19	1	1	0.00	1.44	0
CO22612+	CO22610	5.01	3 1-	4ACSR	0	0	1181	315	10	0	0	0.00	1.45	0
CO22613+	CO22612	5.10	1 1-	4ACSR	0	0	1161	313	1	0	0	0.00	1.45	0
CO22611+	CO22610	5.00	2 1-	1/0ACSR	0	0	1187	316	9	0	0	0.00	1.45	0
CO22608+	CO22614	5.04	370 3-	1/0ACSR	1392	1315	1181	315	1331	29	13	0.03	1.48	67
CO22609+	CO22608	5.08	370 3-	1/0ACSR	1385	1309	1174	315	1330	29	13	0.01	1.49	21
CO22601+	CO22609	5.34	365 3-	1/0ACSR	1347	1272	1135	313	1320	29	13	0.06	1.55	132
CO23689+	CO22601	5.87	365 3-	1/0ACSR	1276	1204	1063	308	1319	29	13	0.12	1.67	265
CO22897+	CO23689	5.95	207 3-	1/0ACSR	1267	1195	1053	307	786	17	8	0.01	1.68	13
CO22931+	CO22897	6.04	1 1-	1/0ACSR	0	0	1043	306	4	0	0	0.00	1.68	0
CO22900+	CO22897	6.18	206 3-	1/0ACSR	1238	1168	1025	305	781	17	8	0.03	1.71	41
CO22935+	CO22900	6.22	1 1-	1/0ACSR	0	0	1021	305	13	0	0	0.00	1.71	0
CO23026+	CO22900	6.23	205 3-	1/0ACSR	1233	1163	1020	304	769	17	8	0.01	1.71	8
CO23027+	CO23026	6.32	205 3-	1/0ACSR	1221	1152	1009	304	769	17	8	0.01	1.72	17
CO22901+	CO23027	6.35	144 1-	4ACSR	0	0	1005	303	507	35	26	0.02	1.74	18
CO22902+	CO22901	6.54	144 1-	4ACSR	0	0	975	300	506	35	26	0.16	1.90	129
CO22937+	CO22902	6.63	0 1-	4ACSR	0	0	960	298	0	0	0	0.00	1.90	0
CO22951+	CO22937	6.68	0 1-	4ACSR	0	0	953	297	0	0	0	0.00	1.90	0
CO22906+	CO22902	6.60	144 1-	4ACSR	0	0	965	299	506	35	26	0.05	1.95	42
CO23096+	CO22906	6.60	144 1-	4ACSR	0	0	964	299	506	35	26	0.01	1.96	5
OC702+	CO23096	6.60	144 1-	50 E OCR	0	0	964	299	506	35	72	0.00	1.96	0
XFMR57	OC702	6.60	144 1-	333 KVA 1PH AUT	0	0	831	170	506	35	155	1.86	3.82	0
CO23097	XFMR57	6.71	144 1-	4ACSR	0	0	812	169	506	71	51	0.35	4.17	291
CO23034	CO23097	6.77	1 1-	4ACSR	0	0	802	168	3	0	0	0.00	4.17	0
CO23035	CO23034	6.92	1 1-	4ACSR	0	0	776	166	3	0	0	0.00	4.17	0
CO22948	CO23035	6.96	1 1-	4ACSR	0	0	769	166	3	0	0	0.00	4.17	0
CO22947	CO23035	6.96	0 1-	4ACSR	0	0	769	166	0	0	0	0.00	4.17	0
CO23001	CO23097	6.78	142 1-	4ACSR	0	0	799	168	501	71	51	0.24	4.41	199
CO23002	CO23001	6.89	141 1-	4ACSR	0	0	780	167	500	71	51	0.37	4.78	302

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23000	CO23002	6.99	140 1-	4ACSR	0	0	764	166	496	71	51	0.31	5.09	251
CO22903	CO23000	7.09	138 1-	4ACSR	0	0	747	165	492	70	50	0.34	5.42	273
CO23083	CO22903	7.26	137 1-	4ACSR	0	0	720	163	488	70	50	0.55	5.97	441
CO23084	CO23083	7.36	135 1-	4ACSR	0	0	705	162	479	69	49	0.32	6.29	253
CO22941	CO23084	7.41	1 1-	4ACSR	0	0	698	161	2	0	0	0.00	6.29	0
CO22904	CO23084	7.47	133 1-	4ACSR	0	0	687	161	475	68	49	0.38	6.66	299
CO22908	CO22904	7.57	7 1-	4ACSR	0	0	674	160	37	5	4	0.02	6.69	0
CO23091	CO22908	7.58	7 1-	4ACSR	0	0	673	160	37	5	4	0.00	6.69	0
OC699	CO23091	7.58	7 1-	25 H OCR	0	0	673	160	37	5	21	0.00	6.69	0
CO23092	OC699	7.76	7 1-	4ACSR	0	0	648	158	37	5	4	0.04	6.73	3
CO23064	CO23092	8.16	6 1-	4ACSR	0	0	596	154	35	5	4	0.10	6.83	6
CO22943	CO23064	8.31	0 1-	4ACSR	0	0	579	153	0	0	0	0.00	6.83	0
CO23059	CO23064	8.35	6 1-	4ACSR	0	0	575	153	35	5	4	0.04	6.87	2
CO23060	CO23059	8.36	6 1-	4ACSR	0	0	573	152	35	5	4	0.00	6.87	0
CO23061	CO23060	8.47	5 1-	4ACSR	0	0	561	151	21	3	2	0.02	6.89	0
CO23062	CO23061	8.55	5 1-	4ACSR	0	0	552	151	21	3	2	0.01	6.90	0
CO23669	CO23062	8.90	4 1-	4ACSR	0	0	517	148	7	1	1	0.02	6.92	0
CO23390	CO23669	8.93	0 1-	4ACSR	0	0	515	148	0	0	0	0.00	6.92	0
CO23418	CO23669	8.94	4 1-	4ACSR	0	0	514	147	7	1	1	0.00	6.92	0
CO23419	CO23418	9.08	4 1-	4ACSR	0	0	501	146	7	1	1	0.01	6.93	0
CO23420	CO23419	9.19	4 1-	4ACSR	0	0	491	145	7	1	1	0.01	6.93	0
CO23421	CO23420	9.41	1 1-	4ACSR	0	0	473	144	2	0	0	0.00	6.93	0
CO23670	CO23421	9.71	0 1-	4ACSR	0	0	450	141	0	0	0	0.00	6.93	0
CO23045	CO23670	9.80	0 1-	4ACSR	0	0	443	141	0	0	0	0.00	6.93	0
CO23046	CO23045	10.01	0 1-	4ACSR	0	0	429	139	0	0	0	0.00	6.93	0
CO23033	CO23670	9.86	0 1-	4ACSR	0	0	439	140	0	0	0	0.00	6.93	0
CO23671	CO23033	9.98	0 1-	4ACSR	0	0	431	139	0	0	0	0.00	6.93	0
CO23422	CO23671	10.04	0 1-	4ACSR	0	0	427	139	0	0	0	0.00	6.93	0
CO23423	CO23422	10.12	0 1-	4ACSR	0	0	422	138	0	0	0	0.00	6.93	0
CO23391	CO23420	9.25	1 1-	4ACSR	0	0	486	145	1	0	0	0.00	6.93	0
CO23395	CO23420	9.21	1 1-	4ACSR	0	0	490	145	3	0	0	0.00	6.93	0
CO22945	CO23062	8.61	1 1-	4ACSR	0	0	546	150	14	2	1	0.00	6.90	0
CO22944	CO22908	7.61	0 1-	4ACSR	0	0	668	159	0	0	0	0.00	6.69	0
CO22907	CO22904	7.59	2 1-	4ACSR	0	0	671	160	4	0	0	0.00	6.67	0
CO22942	CO22907	7.64	1 1-	4ACSR	0	0	664	159	0	0	0	0.00	6.67	0
CO23044	CO22907	7.70	1 1-	4ACSR	0	0	655	158	4	0	0	0.00	6.67	0
CO23099	CO23044	7.81	1 1-	4ACSR	0	0	640	157	4	0	0	0.00	6.67	0
CO23057	CO22904	7.63	124 1-	4ACSR	0	0	665	159	433	62	45	0.46	7.12	333
CO23058	CO23057	7.75	124 1-	4ACSR	0	0	649	158	431	62	45	0.33	7.46	240
CO22999	CO23058	7.86	123 1-	4ACSR	0	0	634	157	428	62	45	0.33	7.79	239
CO23100	CO22999	7.87	37 1-	4ACSR	0	0	633	157	137	20	14	0.01	7.79	0
OC700	CO23100	7.87	37 1-	25 H OCR	0	0	633	157	137	20	80	0.00	7.79	0
CO23093	OC700	7.97	1 1-	4ACSR	0	0	620	156	15	2	2	0.00	7.80	0
CO23098	OC700	8.28	36 1-	4ACSR	0	0	582	153	123	17	13	0.33	8.12	66
CO22920	CO23098	8.38	1 1-	4ACSR	0	0	571	152	6	0	1	0.00	8.12	0
CO22965	CO23098	8.36	34 1-	4ACSR	0	0	573	152	104	15	11	0.05	8.18	10
CO22966	CO22965	8.39	34 1-	4ACSR	0	0	570	152	104	15	11	0.02	8.20	4
CO23071	CO22966	8.44	1 1-	4ACSR	0	0	564	152	8	1	1	0.00	8.20	0
CO23072	CO23071	8.47	0 1-	4ACSR	0	0	561	151	0	0	0	0.00	8.20	0
CO23037	CO23072	8.49	0 1-	4ACSR	0	0	558	151	0	0	0	0.00	8.20	0
CO22895	CO22966	8.47	32 1-	4ACSR	0	0	561	151	96	14	10	0.05	8.25	9
CO22977	CO22895	8.51	28 1-	4ACSR	0	0	557	151	86	12	9	0.02	8.27	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23069	CO22977	8.63	27 1-	4ACSR	0	0	544	150	85	12	9	0.07	8.35	11
CO23070	CO23069	8.89	26 1-	4ACSR	0	0	519	148	85	12	9	0.15	8.49	21
CO22886	CO23070	9.05	25 1-	4ACSR	0	0	504	146	85	12	9	0.10	8.59	14
CO22912	CO22886	9.13	1 1-	4ACSR	0	0	497	146	5	0	1	0.00	8.59	0
CO22888	CO22886	9.33	24 1-	4ACSR	0	0	480	144	80	11	8	0.15	8.74	20
CO22887	CO22888	9.67	24 1-	4ACSR	0	0	453	142	80	11	8	0.18	8.92	25
CO22989	CO22887	9.73	23 1-	4ACSR	0	0	448	141	78	11	8	0.03	8.95	4
CO22990	CO22989	9.86	22 1-	4ACSR	0	0	439	140	69	10	7	0.06	9.01	7
CO22889	CO22990	9.99	2 1-	4ACSR	0	0	430	139	8	1	1	0.01	9.02	0
CO22915	CO22889	10.09	1 1-	4ACSR	0	0	424	138	2	0	0	0.00	9.02	0
CO22914	CO22889	10.16	1 1-	4ACSR	0	0	419	138	6	0	1	0.00	9.03	0
CO22959	CO22990	9.99	20 1-	4ACSR	0	0	430	139	60	8	6	0.05	9.06	4
CO23067	CO22959	10.13	17 1-	4ACSR	0	0	421	138	39	5	4	0.04	9.10	2
CO23068	CO23067	10.26	15 1-	4ACSR	0	0	413	137	35	5	4	0.03	9.13	0
CO-44028702	CO23068	10.31	15 1-	4ACSR	0	0	409	137	35	5	4	0.01	9.14	0
CO1368036759	CO-44028702	10.45	14 1-	4ACSR	0	0	401	136	31	4	3	0.03	9.17	0
CO22963	CO1368036759	10.57	13 1-	4ACSR	0	0	394	135	31	4	3	0.03	9.19	0
CO22964	CO22963	10.60	13 1-	4ACSR	0	0	392	135	31	4	3	0.01	9.20	0
CO22975	CO22964	10.91	12 1-	4ACSR	0	0	375	133	26	3	3	0.05	9.25	0
CO22976	CO22975	10.95	10 1-	4ACSR	0	0	373	132	18	2	2	0.00	9.25	0
CO22974	CO22976	11.03	6 1-	4ACSR	0	0	369	132	13	1	1	0.01	9.26	0
CO22973	CO22974	11.06	4 1-	4ACSR	0	0	367	132	11	1	1	0.00	9.26	0
CO22970	CO22973	11.10	4 1-	4ACSR	0	0	365	131	11	1	1	0.00	9.26	0
CO23679	CO22970	11.15	1 1-	4ACSR	0	0	363	131	3	0	0	0.00	9.26	0
CO23038	CO22970	11.15	3 1-	4ACSR	0	0	363	131	8	1	1	0.00	9.27	0
CO23073	CO23038	11.16	3 1-	4ACSR	0	0	362	131	8	1	1	0.00	9.27	0
CO23074	CO23073	11.18	2 1-	4ACSR	0	0	361	131	5	0	1	0.00	9.27	0
CO22916	CO1368036759	10.48	1 1-	4ACSR	0	0	399	136	0	0	0	0.00	9.17	0
CO1329563639	CO-44028702	10.60	1 1-	4ACSR	0	0	392	135	4	0	0	0.01	9.15	0
CO-1886072905	CO1329563639	10.82	1 1-	4ACSR	0	0	380	133	4	0	0	0.01	9.15	0
CO22919	CO-1886072905	10.85	1 1-	4ACSR	0	0	378	133	4	0	0	0.00	9.15	0
CO22918	CO-1886072905	11.09	0 1-	4ACSR	0	0	366	131	0	0	0	0.00	9.15	0
CO22917	CO-1886072905	10.88	0 1-	4ACSR	0	0	377	133	0	0	0	0.00	9.15	0
CO-18456230	CO1329563639	10.66	0 1-	2ACSR	0	0	389	134	0	0	0	0.00	9.15	0
CO23021	CO22888	9.65	0 1-	4ACSR	0	0	454	142	0	0	0	0.00	8.74	0
CO22962	CO23021	9.78	0 1-	4ACSR	0	0	445	141	0	0	0	0.00	8.74	0
CO22911	CO23070	9.23	0 1-	4ACSR	0	0	488	145	0	0	0	0.00	8.49	0
CO22971	CO22895	8.54	3 1-	2ACSR	0	0	555	151	7	1	1	0.00	8.25	0
CO23055	CO22971	8.63	2 1-	2ACSR	0	0	548	150	6	0	0	0.00	8.26	0
CO1944885174	CO23055	8.68	1 1-	2ACSR	0	0	543	150	5	0	0	0.00	8.26	0
CO23056	CO23055	8.67	1 1-	2ACSR	0	0	544	150	1	0	0	0.00	8.26	0
CO22928	CO22895	8.56	1 1-	4ACSR	0	0	552	151	2	0	0	0.00	8.25	0
CO22946	CO22999	7.91	1 1-	4ACSR	0	0	627	156	7	1	1	0.00	7.79	0
CO22905	CO22999	8.00	85 1-	4ACSR	0	0	616	156	282	41	30	0.27	8.05	127
CO22996	CO22905	8.13	82 1-	4ACSR	0	0	600	154	272	39	29	0.25	8.30	113
CO22997	CO22996	8.17	81 1-	4ACSR	0	0	595	154	269	39	28	0.07	8.37	32
CO23011	CO22997	8.25	0 1-	4ACSR	0	0	586	153	0	0	0	0.00	8.37	0
CO23012	CO23011	8.28	0 1-	4ACSR	0	0	582	153	0	0	0	0.00	8.37	0
CO22998	CO22997	8.28	81 1-	4ACSR	0	0	582	153	269	39	28	0.20	8.57	92
CO-1732276749	CO22998	8.32	79 1-	2ACSR	0	0	579	153	261	38	21	0.05	8.62	19
CO-1176421735	CO-1732276749	8.43	1 1-	2ACSR	0	0	569	152	9	1	1	0.00	8.62	0
CO1214509215	CO-1732276749	8.54	78 1-	2ACSR	0	0	559	152	253	37	21	0.27	8.89	109

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO168099290	CO1214509215	8.64	1 1-	2ACSR	0	0	550	151	2	0	0	0.00	8.89	0
CO194859253	CO168099290	8.75	1 1-	2ACSR	0	0	541	150	2	0	0	0.00	8.89	0
CO784457646	CO1214509215	8.70	77 1-	2ACSR	0	0	545	151	250	37	21	0.20	9.09	80
CO23424	CO784457646	8.83	77 1-	4ACSR	0	0	532	149	250	37	26	0.23	9.31	97
CO23462	CO23424	8.87	77 1-	4ACSR	0	0	528	149	249	37	26	0.07	9.38	30
CO23463	CO23462	8.96	76 1-	4ACSR	0	0	520	148	249	37	26	0.15	9.53	64
CO23493	CO23463	8.97	8 1-	4ACSR	0	0	519	148	20	3	2	0.00	9.53	0
OC709	CO23493	8.97	8 1-	25 H OCR	0	0	519	148	20	3	12	0.00	9.53	0
CO23494	OC709	9.11	8 1-	4ACSR	0	0	506	147	20	3	2	0.02	9.55	0
CO23461	CO23494	9.15	7 1-	4ACSR	0	0	502	147	20	3	2	0.01	9.56	0
CO23426	CO23461	9.53	7 1-	4ACSR	0	0	471	144	20	3	2	0.04	9.60	0
CO23383	CO23426	9.78	6 1-	4ACSR	0	0	451	142	14	2	2	0.02	9.63	0
CO23384	CO23383	9.95	6 1-	4ACSR	0	0	439	140	14	2	2	0.02	9.65	0
CO23441	CO23384	10.04	0 1-	4ACSR	0	0	433	140	0	0	0	0.00	9.65	0
CO23442	CO23441	10.11	0 1-	4ACSR	0	0	428	139	0	0	0	0.00	9.65	0
CO23385	CO23384	10.08	6 1-	4ACSR	0	0	430	139	14	2	2	0.01	9.66	0
CO23490	CO23385	10.35	6 1-	4ACSR	0	0	413	137	14	2	2	0.03	9.68	0
CO23399	CO23490	11.25	2 1-	4ACSR	0	0	362	131	2	0	0	0.01	9.69	0
CO23400	CO23399	11.35	0 1-	4ACSR	0	0	357	130	0	0	0	0.00	9.69	0
CO23377	CO23400	11.44	0 1-	4ACSR	0	0	353	130	0	0	0	0.00	9.69	0
CO23434	CO23377	11.45	0 1-	4ACSR	0	0	353	130	0	0	0	0.00	9.69	0
CO23435	CO23434	11.50	0 1-	4ACSR	0	0	351	130	0	0	0	0.00	9.69	0
CO23401	CO23377	11.64	0 1-	4ACSR	0	0	344	129	0	0	0	0.00	9.69	0
CO23402	CO23401	11.93	0 1-	4ACSR	0	0	331	127	0	0	0	0.00	9.69	0
CO23403	CO23402	12.10	0 1-	4ACSR	0	0	324	126	0	0	0	0.00	9.69	0
CO23660	CO23400	12.02	0 1-	4ACSR	0	0	328	126	0	0	0	0.00	9.69	0
CO23613	CO23660	12.10	0 1-	4ACSR	0	0	325	126	0	0	0	0.00	9.69	0
CO23375	CO23490	10.44	3 1-	4ACSR	0	0	407	137	12	1	1	0.01	9.69	0
CO23376	CO23375	10.67	3 1-	4ACSR	0	0	393	135	12	1	1	0.02	9.71	0
CO23398	CO23376	10.84	3 1-	4ACSR	0	0	384	134	12	1	1	0.01	9.72	0
CO23469	CO23398	11.05	2 1-	4ACSR	0	0	372	132	8	1	1	0.01	9.73	0
CO23470	CO23469	11.11	1 1-	4ACSR	0	0	369	132	8	1	1	0.00	9.73	0
CO23389	CO23376	10.73	0 1-	4ACSR	0	0	390	135	0	0	0	0.00	9.71	0
CO23388	CO23375	10.50	0 1-	4ACSR	0	0	403	136	0	0	0	0.00	9.69	0
CO23393	CO23385	10.18	0 1-	4ACSR	0	0	424	139	0	0	0	0.00	9.66	0
CO23439	CO23383	9.84	0 1-	4ACSR	0	0	447	141	0	0	0	0.00	9.63	0
CO23440	CO23439	9.96	0 1-	4ACSR	0	0	438	140	0	0	0	0.00	9.63	0
CO23498	CO23426	9.76	0 1-	4ACSR	0	0	453	142	0	0	0	0.00	9.60	0
CO23468	CO23498	9.92	0 1-	4ACSR	0	0	441	141	0	0	0	0.00	9.60	0
CO23397	CO23468	10.04	0 1-	4ACSR	0	0	432	140	0	0	0	0.00	9.60	0
CO23464	CO23463	9.00	68 1-	4ACSR	0	0	516	148	229	34	24	0.06	9.59	23
CO23465	CO23464	9.06	67 1-	4ACSR	0	0	511	147	212	31	22	0.08	9.68	30
CO23425	CO23465	9.25	65 1-	4ACSR	0	0	494	146	204	30	22	0.27	9.94	94
CO23475	CO23425	9.32	65 1-	4ACSR	0	0	487	145	203	30	22	0.10	10.05	35
CO23479	CO23475	9.39	64 1-	4ACSR	0	0	482	145	196	29	21	0.09	10.14	30
CO23480	CO23479	9.56	63 1-	4ACSR	0	0	468	143	196	29	21	0.23	10.36	77
CO23478	CO23480	9.65	63 1-	4ACSR	0	0	461	143	196	29	21	0.13	10.49	44
CO23477	CO23478	9.68	63 1-	4ACSR	0	0	459	142	195	29	21	0.04	10.53	13
CO23476	CO23477	9.93	63 1-	4ACSR	0	0	441	141	195	29	21	0.33	10.87	112
CO23481	CO23476	10.01	63 1-	4ACSR	0	0	435	140	195	29	21	0.12	10.98	40
CO23482	CO23481	10.18	62 1-	4ACSR	0	0	423	139	193	29	21	0.23	11.21	76
CO23394	CO23482	10.30	0 1-	4ACSR	0	0	416	138	0	0	0	0.00	11.21	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23483	CO23482	10.22	62 1-	4ACSR	0	0	420	138	193	29	21	0.06	11.27	19
CO23484	CO23483	10.28	61 1-	4ACSR	0	0	417	138	190	28	21	0.07	11.34	24
CO23486	CO23484	10.35	61 1-	4ACSR	0	0	413	137	190	28	21	0.09	11.43	30
CO23487	CO23486	10.42	60 1-	4ACSR	0	0	408	137	188	28	20	0.09	11.52	30
CO23485	CO23487	10.74	59 1-	4ACSR	0	0	389	135	180	27	19	0.41	11.93	128
CO23457	CO23485	10.86	1 1-	4ACSR	0	0	382	134	4	0	0	0.00	11.93	0
CO23458	CO23457	10.91	0 1-	4ACSR	0	0	380	133	0	0	0	0.00	11.93	0
CO23432	CO23458	11.10	0 1-	4ACSR	0	0	370	132	0	0	0	0.00	11.93	0
CO23433	CO23432	11.13	0 1-	4ACSR	0	0	368	132	0	0	0	0.00	11.93	0
CO23459	CO23485	10.81	58 1-	4ACSR	0	0	385	134	175	26	19	0.08	12.02	26
CO23460	CO23459	10.88	57 1-	4ACSR	0	0	381	134	174	26	19	0.08	12.10	26
CO23427	CO23460	10.99	56 1-	4ACSR	0	0	376	133	172	26	19	0.13	12.23	41
CO23445	CO23427	11.05	2 1-	4ACSR	0	0	372	132	8	1	1	0.00	12.24	0
CO23446	CO23445	11.15	2 1-	4ACSR	0	0	368	132	8	1	1	0.00	12.24	0
CO23386	CO23427	11.15	54 1-	4ACSR	0	0	368	132	164	24	18	0.18	12.41	51
CO23447	CO23386	11.18	2 1-	4ACSR	0	0	366	132	3	0	0	0.00	12.41	0
CO23448	CO23447	11.24	1 1-	4ACSR	0	0	363	131	0	0	0	0.00	12.41	0
CO23387	CO23386	11.22	52 1-	4ACSR	0	0	364	131	160	24	17	0.08	12.50	24
CO23488	CO23387	11.29	52 1-	4ACSR	0	0	361	131	160	24	17	0.07	12.57	20
CO23489	CO23488	11.30	51 1-	4ACSR	0	0	360	131	155	23	17	0.01	12.58	4
CO23661	CO23489	11.61	51 1-	4ACSR	0	0	345	129	155	23	17	0.32	12.91	84
CO23655	CO23661	11.62	22 1-	4ACSR	0	0	345	129	86	13	9	0.00	12.91	0
OC716	CO23655	11.62	22 1-	15 H OCR	0	0	345	129	86	13	88	0.00	12.91	0
CO23656	OC716	11.65	22 1-	4ACSR	0	0	344	129	86	13	9	0.02	12.93	3
CO23597	CO23656	11.69	18 1-	4ACSR	0	0	342	128	65	9	7	0.02	12.95	2
CO23598	CO23597	11.72	15 1-	4ACSR	0	0	341	128	50	7	5	0.01	12.95	0
CO23615	CO23598	11.75	3 1-	4ACSR	0	0	339	128	3	0	0	0.00	12.96	0
CO23662	CO23615	11.83	3 1-	4ACSR	0	0	336	127	3	0	0	0.00	12.96	0
CO23355	CO23662	11.92	3 1-	4ACSR	0	0	332	127	3	0	0	0.00	12.96	0
CO23305	CO23355	12.04	2 1-	4ACSR	0	0	327	126	1	0	0	0.00	12.96	0
CO23358	CO23305	12.22	0 1-	4ACSR	0	0	320	125	0	0	0	0.00	12.96	0
CO23359	CO23358	12.32	0 1-	4ACSR	0	0	316	124	0	0	0	0.00	12.96	0
CO23314	CO23359	12.37	0 1-	4ACSR	0	0	314	124	0	0	0	0.00	12.96	0
CO23313	CO23359	12.45	0 1-	4ACSR	0	0	311	124	0	0	0	0.00	12.96	0
CO23315	CO23305	12.10	2 1-	4ACSR	0	0	325	126	1	0	0	0.00	12.96	0
CO23356	CO23355	11.97	1 1-	4ACSR	0	0	330	126	2	0	0	0.00	12.96	0
CO23357	CO23356	12.03	0 1-	4ACSR	0	0	327	126	0	0	0	0.00	12.96	0
CO23614	CO23598	11.76	12 1-	4ACSR	0	0	339	128	47	7	5	0.02	12.97	0
CO23650	CO23614	11.78	12 1-	4ACSR	0	0	338	128	47	7	5	0.00	12.97	0
CO23651	CO23650	11.79	12 1-	4ACSR	0	0	337	128	47	7	5	0.01	12.98	0
CO23640	CO23651	11.80	10 1-	4ACSR	0	0	337	128	40	6	4	0.00	12.98	0
CO23677	CO23640	11.87	10 1-	4ACSR	0	0	334	127	40	6	4	0.02	13.00	0
CO23678	CO23677	11.94	6 1-	4ACSR	0	0	331	127	20	3	2	0.01	13.01	0
CO23639	CO23678	12.00	6 1-	4ACSR	0	0	329	126	20	3	2	0.01	13.01	0
CO-1405152720	CO23639	12.01	0 1-	2ACSR	0	0	328	126	0	0	0	0.00	13.01	0
CO23638	CO23639	12.06	3 1-	4ACSR	0	0	326	126	8	1	1	0.00	13.02	0
CO23637	CO23638	12.11	1 1-	4ACSR	0	0	324	126	3	0	0	0.00	13.02	0
CO23374	CO23677	11.91	1 1-	4ACSR	0	0	332	127	7	1	1	0.00	13.00	0
CO23657	CO23374	12.11	0 1-	4ACSR	0	0	324	126	0	0	0	0.00	13.00	0
CO23610	CO23597	11.72	2 1-	4ACSR	0	0	340	128	14	2	2	0.00	12.95	0
CO23648	CO23656	11.67	4 1-	4ACSR	0	0	343	128	21	3	2	0.00	12.93	0
CO23649	CO23648	11.70	2 1-	4ACSR	0	0	341	128	11	1	1	0.00	12.93	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23609	CO23649	11.73	2 1-	4ACSR	0	0	340	128	11	1	1	0.00	12.93	0
CO23599	CO23661	11.67	24 1-	4ACSR	0	0	343	128	49	7	5	0.02	12.92	0
CO23653	CO23599	11.70	19 1-	4ACSR	0	0	342	128	44	6	5	0.01	12.93	0
OC715	CO23653	11.70	19 1-	35 H OCR	0	0	342	128	44	6	19	0.00	12.93	0
CO23654	OC715	11.70	19 1-	4ACSR	0	0	341	128	44	6	5	0.00	12.93	0
CO23636	CO23654	11.78	19 1-	4ACSR	0	0	338	128	44	6	5	0.02	12.96	0
CO23641	CO23636	11.94	17 1-	4ACSR	0	0	331	127	44	6	5	0.05	13.01	4
CO23642	CO23641	12.12	17 1-	4ACSR	0	0	324	126	44	6	5	0.06	13.06	4
CO23616	CO23642	12.78	16 1-	4ACSR	0	0	299	122	42	6	5	0.20	13.26	15
CO23617	CO23616	12.93	16 1-	4ACSR	0	0	294	121	42	6	5	0.05	13.31	3
CO23618	CO23617	13.09	16 1-	4ACSR	0	0	289	120	42	6	5	0.05	13.36	4
CO23634	CO23618	13.10	1 1-	4ACSR	0	0	289	120	2	0	0	0.00	13.36	0
CO23623	CO23634	13.13	0 1-	4ACSR	0	0	288	120	0	0	0	0.00	13.36	0
CO23643	CO23618	13.31	15 1-	4ACSR	0	0	282	119	40	6	4	0.06	13.42	4
CO23644	CO23643	13.37	15 1-	4ACSR	0	0	280	118	40	6	4	0.02	13.43	0
CO23619	CO23644	13.42	15 1-	4ACSR	0	0	279	118	40	6	4	0.02	13.45	0
CO23620	CO23619	13.48	15 1-	4ACSR	0	0	277	118	40	6	4	0.02	13.47	0
CO23601	CO23620	13.67	0 1-	4ACSR	0	0	271	117	0	0	0	0.00	13.47	0
CO23600	CO23620	13.67	15 1-	4ACSR	0	0	271	117	40	6	4	0.05	13.52	4
CO23628	CO23600	13.79	13 1-	4ACSR	0	0	268	116	37	5	4	0.03	13.55	0
CO23629	CO23628	13.91	12 1-	4ACSR	0	0	265	116	30	4	3	0.03	13.57	0
CO23625	CO23629	14.21	0 1-	4ACSR	0	0	257	114	0	0	0	0.00	13.57	0
CO23622	CO23625	14.28	0 1-	4ACSR	0	0	255	114	0	0	0	0.00	13.57	0
CO23624	CO23629	14.12	12 1-	4ACSR	0	0	259	114	30	4	3	0.05	13.62	2
CO23595	CO23624	14.22	11 1-	4ACSR	0	0	257	114	28	4	3	0.02	13.64	0
CO23631	CO23595	14.40	10 1-	4ACSR	0	0	252	113	26	4	3	0.03	13.67	0
CO23632	CO23631	14.46	10 1-	4ACSR	0	0	251	113	26	4	3	0.01	13.68	0
CO23605	CO23632	14.53	1 1-	4ACSR	0	0	249	112	6	0	1	0.00	13.68	0
CO23604	CO23632	14.60	1 1-	4ACSR	0	0	247	112	0	0	0	0.00	13.68	0
CO23626	CO23632	14.56	8 1-	4ACSR	0	0	248	112	20	3	2	0.01	13.70	0
CO23627	CO23626	14.79	8 1-	4ACSR	0	0	243	111	20	3	2	0.03	13.73	0
CO23606	CO23627	14.99	0 1-	4ACSR	0	0	238	110	0	0	0	0.00	13.73	0
CO23633	CO23627	14.85	8 1-	4ACSR	0	0	241	111	20	3	2	0.01	13.74	0
CO23646	CO23633	14.90	8 1-	4ACSR	0	0	240	111	20	3	2	0.01	13.74	0
CO23647	CO23646	14.92	8 1-	4ACSR	0	0	240	110	20	3	2	0.00	13.75	0
CO23596	CO23647	15.07	8 1-	4ACSR	0	0	237	110	20	3	2	0.02	13.77	0
CO23608	CO23596	15.15	0 1-	4ACSR	0	0	235	109	0	0	0	0.00	13.77	0
CO23645	CO23596	15.21	8 1-	4ACSR	0	0	234	109	20	3	2	0.02	13.79	0
CO23659	CO23645	15.47	8 1-	4ACSR	0	0	228	108	20	3	2	0.03	13.82	0
CO23449	CO23659	15.58	7 1-	4ACSR	0	0	226	107	8	1	1	0.01	13.82	0
CO23658	CO23449	15.80	3 1-	4ACSR	0	0	222	106	1	0	0	0.00	13.82	0
CO23630	CO23658	15.96	2 1-	4ACSR	0	0	219	106	1	0	0	0.00	13.82	0
CO23612	CO23630	16.04	1 1-	4ACSR	0	0	217	105	1	0	0	0.00	13.82	0
CO23450	CO23449	15.80	3 1-	4ACSR	0	0	222	106	7	1	1	0.01	13.83	0
CO23451	CO23450	15.84	2 1-	4ACSR	0	0	221	106	3	0	0	0.00	13.83	0
CO23404	CO23451	15.87	2 1-	4ACSR	0	0	220	106	3	0	0	0.00	13.83	0
CO23378	CO23404	16.10	2 1-	4ACSR	0	0	216	105	3	0	0	0.00	13.83	0
CO23466	CO23378	16.16	0 1-	4ACSR	0	0	215	105	0	0	0	0.00	13.83	0
CO23467	CO23466	16.25	0 1-	4ACSR	0	0	213	104	0	0	0	0.00	13.83	0
CO23495	CO23404	15.90	0 1-	4ACSR	0	0	220	106	0	0	0	0.00	13.83	0
CO23497	CO23495	15.91	0 1-	4ACSR	0	0	220	106	0	0	0	0.00	13.83	0
CO23607	CO23647	14.99	0 1-	4ACSR	0	0	238	110	0	0	0	0.00	13.75	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23603	CO23595	14.34	1 1-	4ACSR	0	0	254	113	1	0	0	0.00	13.64	0
CO23602	CO23624	14.18	1 1-	4ACSR	0	0	258	114	2	0	0	0.00	13.62	0
CO23635	CO23600	13.76	2 1-	4ACSR	0	0	269	116	3	0	0	0.00	13.52	0
CO23652	CO23635	13.85	1 1-	4ACSR	0	0	266	116	2	0	0	0.00	13.52	0
CO23621	CO23652	13.93	1 1-	4ACSR	0	0	264	115	2	0	0	0.00	13.52	0
CO23611	CO23599	11.70	3 1-	4ACSR	0	0	341	128	1	0	0	0.00	12.92	0
CO23428	CO23387	11.41	0 1-	4ACSR	0	0	355	130	0	0	0	0.00	12.50	0
CO23429	CO23428	11.47	0 1-	4ACSR	0	0	352	130	0	0	0	0.00	12.50	0
CO23430	CO23429	11.52	0 1-	4ACSR	0	0	350	129	0	0	0	0.00	12.50	0
CO23431	CO23430	11.99	0 1-	4ACSR	0	0	329	126	0	0	0	0.00	12.50	0
CO23443	CO23465	9.29	2 1-	4ACSR	0	0	490	146	8	1	1	0.01	9.68	0
CO23444	CO23443	9.38	1 1-	4ACSR	0	0	482	145	0	0	0	0.00	9.68	0
CO23392	CO23424	8.94	0 1-	4ACSR	0	0	522	149	0	0	0	0.00	9.31	0
CO-1263826398	CO22998	8.35	1 1-	2ACSR	0	0	576	153	7	0	1	0.00	8.57	0
CO23007	CO22905	8.07	3 1-	4ACSR	0	0	607	155	10	1	1	0.00	8.06	0
CO23008	CO23007	8.10	3 1-	4ACSR	0	0	604	155	10	1	1	0.00	8.06	0
CO22956	CO23083	7.29	2 1-	4ACSR	0	0	715	163	6	0	1	0.00	5.97	0
CO22940	CO22903	7.13	1 1-	4ACSR	0	0	740	164	3	0	0	0.00	5.42	0
CO22939	CO23000	7.06	1 1-	4ACSR	0	0	751	165	0	0	0	0.00	5.09	0
CO22938+	CO22901	6.54	0 1-	4ACSR	0	0	975	300	0	0	0	0.00	1.74	0
CO23028+	CO23027	6.36	60 3-	1/0ACSR	1217	1147	1005	303	258	7	3	0.00	1.72	0
CO23029+	CO23028	6.40	60 3-	1/0ACSR	1212	1143	1000	303	258	7	3	0.00	1.72	0
CO23065+	CO23029	6.45	2 1-	1/0ACSR	0	0	994	303	13	0	0	0.00	1.72	0
CO23066+	CO23065	6.52	1 1-	1/0ACSR	0	0	986	302	7	0	0	0.00	1.72	0
CO22953+	CO23029	6.56	1 1-	2ACSR	0	0	979	301	4	0	0	0.00	1.72	0
CO23030+	CO23029	6.43	57 3-	1/0ACSR	1208	1139	996	303	241	7	3	0.00	1.72	0
CO23031+	CO23030	6.51	57 3-	1/0ACSR	1200	1131	987	302	241	7	3	0.00	1.72	3
CO30681+	CO23031	6.55	55 3-	1/0ACSR	1195	1127	983	302	233	5	2	0.00	1.72	0
CO23688+	CO30681	6.85	55 3-	1/0ACSR	1162	1095	951	299	233	5	2	0.01	1.74	5
CO22659+	CO23688	6.89	3 1-	2ACSR	0	0	947	298	21	1	1	0.00	1.74	0
CO22599+	CO22659	6.91	1 1-	2ACSR	0	0	944	298	5	0	0	0.00	1.74	0
CO22660+	CO22659	6.91	2 1-	2ACSR	0	0	944	298	16	1	1	0.00	1.74	0
CO22658+	CO22660	6.94	2 1-	2ACSR	0	0	941	298	16	1	1	0.00	1.74	0
CO22657+	CO22658	6.99	1 1-	2ACSR	0	0	935	297	9	0	0	0.00	1.74	0
CO22656+	CO22657	7.03	1 1-	2ACSR	0	0	930	297	9	0	0	0.00	1.74	0
CO22661+	CO23688	6.87	2 1-	4ACSR	0	0	948	299	22	1	1	0.00	1.74	0
CO22662+	CO22661	6.89	1 1-	4ACSR	0	0	945	298	10	0	0	0.00	1.74	0
CO22731+	CO22662	6.91	0 1-	4ACSR	0	0	942	298	0	0	0	0.00	1.74	0
CO22732+	CO22731	6.92	0 1-	4ACSR	0	0	942	298	0	0	0	0.00	1.74	0
XFMR56	CO23688	6.85	48 1-	333 KVA 1PH AUT	0	0	824	170	173	12	52	0.57	2.31	0
CO22561	XFMR56	7.01	48 1-	4ACSR	0	0	797	168	173	24	17	0.18	2.49	50
CO22729	CO22561	7.02	47 1-	4ACSR	0	0	796	168	172	24	17	0.01	2.50	0
OC687	CO22729	7.02	47 1-	35 H OCR	0	0	796	168	172	24	69	0.00	2.50	0
CO22730	OC687	7.09	47 1-	4ACSR	0	0	782	167	172	24	17	0.09	2.58	24
CO22665	CO22730	7.13	47 1-	4ACSR	0	0	776	167	172	24	17	0.04	2.63	12
CO22562	CO22665	7.26	45 1-	4ACSR	0	0	755	165	172	24	17	0.14	2.77	39
CO2141777241	CO22562	7.35	0 1-	2ACSR	0	0	742	165	0	0	0	0.00	2.77	0
CO22666	CO22562	7.72	44 1-	4ACSR	0	0	683	161	167	23	17	0.50	3.27	135
CO22667	CO22666	7.86	43 1-	4ACSR	0	0	664	159	163	23	16	0.15	3.41	39
CO22668	CO22667	7.89	43 1-	4ACSR	0	0	659	159	163	23	16	0.04	3.45	10
CO22567	CO22668	7.91	1 1-	4ACSR	0	0	657	159	0	0	0	0.00	3.45	0
CO22588	CO22567	7.96	1 1-	4ACSR	0	0	651	158	0	0	0	0.00	3.45	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22544	CO22668	7.99	29 1-	4ACSR	0	0	647	158	98	13	10	0.06	3.51	9
CO22688	CO22544	8.12	25 1-	4ACSR	0	0	629	157	84	11	8	0.08	3.59	10
CO22689	CO22688	8.30	24 1-	4ACSR	0	0	607	155	84	11	8	0.09	3.68	13
CO22569	CO22689	8.34	0 1-	4ACSR	0	0	602	155	0	0	0	0.00	3.68	0
CO22545	CO22689	8.64	24 1-	4ACSR	0	0	567	152	84	11	8	0.18	3.86	23
CO22546	CO22545	8.68	20 1-	4ACSR	0	0	563	152	64	9	6	0.01	3.87	0
CO22707	CO22546	8.98	8 1-	4ACSR	0	0	532	149	33	4	3	0.07	3.94	4
CO22600	CO22707	9.04	1 1-	2ACSR	0	0	528	149	5	0	0	0.00	3.94	0
CO22708	CO22707	9.05	7 1-	4ACSR	0	0	525	149	28	3	3	0.01	3.95	0
CO22547	CO22708	9.19	6 1-	4ACSR	0	0	512	147	24	3	2	0.02	3.97	0
CO22709	CO22547	9.26	1 1-	4/0ACSR	0	0	509	147	8	1	0	0.00	3.97	0
CO22710	CO22709	9.31	0 1-	4/0ACSR	0	0	506	147	0	0	0	0.00	3.97	0
CO22581	CO22709	9.31	1 1-	4/0ACSR	0	0	507	147	8	1	0	0.00	3.97	0
CO22548	CO22547	9.32	4 1-	4ACSR	0	0	500	146	16	2	2	0.01	3.99	0
CO23700	CO22548	9.41	2 1-	4ACSR	0	0	492	146	5	0	1	0.00	3.99	0
CO21887	CO23700	9.44	1 1-	4ACSR	0	0	490	145	2	0	0	0.00	3.99	0
CO21888	CO21887	9.64	1 1-	4ACSR	0	0	474	144	2	0	0	0.00	3.99	0
CO21936	CO21888	9.68	0 1-	4ACSR	0	0	470	143	0	0	0	0.00	3.99	0
CO21937	CO21936	9.68	0 1-	4ACSR	0	0	470	143	0	0	0	0.00	3.99	0
CO21889	CO21888	9.72	1 1-	4ACSR	0	0	467	143	2	0	0	0.00	3.99	0
CO21934	CO21889	9.87	0 1-	4ACSR	0	0	456	142	0	0	0	0.00	3.99	0
CO21935	CO21934	9.87	0 1-	4ACSR	0	0	455	142	0	0	0	0.00	3.99	0
CO22572	CO22548	9.37	2 1-	4ACSR	0	0	496	146	11	1	1	0.00	3.99	0
CO22571	CO22708	9.11	1 1-	4ACSR	0	0	520	148	4	0	0	0.00	3.95	0
CO22550	CO22546	8.93	12 1-	4ACSR	0	0	537	150	31	4	3	0.05	3.92	3
CO22551	CO22550	9.27	10 1-	4ACSR	0	0	505	147	23	3	2	0.05	3.97	0
CO22570	CO22551	9.36	3 1-	4ACSR	0	0	496	146	8	1	1	0.01	3.98	0
CO23701	CO22570	9.53	3 1-	4ACSR	0	0	482	145	8	1	1	0.01	3.99	0
CO21660	CO23701	9.57	1 1-	2ACSR	0	0	480	144	3	0	0	0.00	3.99	0
CO21886	CO23701	9.80	1 1-	4ACSR	0	0	461	143	0	0	0	0.00	3.99	0
CO22552	CO22551	9.29	7 1-	4ACSR	0	0	503	147	15	2	1	0.00	3.98	0
CO22563	CO22552	9.36	7 1-	4ACSR	0	0	497	146	15	2	1	0.01	3.98	0
CO22564	CO22563	9.44	3 1-	4ACSR	0	0	490	145	8	1	1	0.00	3.99	0
CO22694	CO22564	9.52	2 1-	4ACSR	0	0	483	145	7	0	1	0.00	3.99	0
CO23702	CO22694	9.70	1 1-	4ACSR	0	0	468	143	0	0	0	0.00	3.99	0
CO21885	CO23702	9.80	1 1-	4ACSR	0	0	461	143	0	0	0	0.00	3.99	0
CO22597	CO22694	9.57	1 1-	2/0ACSR	0	0	481	145	7	0	0	0.00	3.99	0
CO22594	CO22564	9.51	1 1-	4ACSR	0	0	484	145	2	0	0	0.00	3.99	0
CO22695	CO22563	9.42	4 1-	4ACSR	0	0	491	146	6	0	1	0.00	3.99	0
CO22696	CO22695	9.60	3 1-	4ACSR	0	0	477	144	6	0	1	0.01	3.99	0
CO22697	CO22696	9.63	3 1-	4ACSR	0	0	474	144	6	0	1	0.00	3.99	0
CO22698	CO22697	9.77	3 1-	4ACSR	0	0	463	143	6	0	1	0.01	4.00	0
CO22701	CO22698	9.89	3 1-	4ACSR	0	0	454	142	6	0	1	0.00	4.00	0
CO22702	CO22701	9.94	3 1-	4ACSR	0	0	450	141	6	0	1	0.00	4.01	0
CO22700	CO22702	10.01	3 1-	4ACSR	0	0	445	141	6	0	1	0.00	4.01	0
CO22699	CO22700	10.08	3 1-	4ACSR	0	0	440	140	6	0	1	0.00	4.01	0
CO22705	CO22699	10.17	0 1-	4ACSR	0	0	434	140	0	0	0	0.00	4.01	0
CO22706	CO22705	10.34	0 1-	4ACSR	0	0	422	138	0	0	0	0.00	4.01	0
CO22703	CO22699	10.27	1 1-	4ACSR	0	0	427	139	3	0	0	0.00	4.01	0
CO22704	CO22703	10.36	1 1-	4ACSR	0	0	421	138	3	0	0	0.00	4.02	0
CO22693	CO22550	9.04	2 1-	4ACSR	0	0	526	149	8	1	1	0.00	3.93	0
CO22692	CO22550	8.99	0 1-	4ACSR	0	0	531	149	0	0	0	0.00	3.92	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22580	CO22545	8.74	0 1-	4/0ACSR	0	0	562	152	0	0	0	0.00	3.86	0
CO22690	CO22545	8.66	2 1-	4ACSR	0	0	565	152	8	1	1	0.00	3.86	0
CO22691	CO22690	8.76	1 1-	4ACSR	0	0	554	151	4	0	0	0.00	3.86	0
CO22568	CO22544	8.03	1 1-	4ACSR	0	0	641	158	3	0	0	0.00	3.51	0
CO22549	CO22544	8.01	3 1-	4ACSR	0	0	644	158	11	1	1	0.00	3.51	0
CO22683	CO22549	8.50	3 1-	4ACSR	0	0	583	153	11	1	1	0.04	3.55	0
CO22684	CO22683	8.56	3 1-	4ACSR	0	0	577	153	11	1	1	0.00	3.55	0
CO22685	CO22684	8.77	2 1-	4ACSR	0	0	554	151	10	1	1	0.01	3.56	0
CO22589	CO22685	8.93	0 1-	4ACSR	0	0	537	150	0	0	0	0.00	3.56	0
CO22686	CO22685	8.81	2 1-	4ACSR	0	0	549	151	10	1	1	0.00	3.57	0
CO22687	CO22686	8.96	2 1-	4ACSR	0	0	534	149	10	1	1	0.00	3.57	0
CO22557	CO22668	7.96	13 1-	4ACSR	0	0	650	158	65	9	7	0.03	3.48	3
CO22579	CO22557	7.99	1 1-	4ACSR	0	0	647	158	9	1	1	0.00	3.48	0
CO22558	CO22557	8.18	12 1-	4ACSR	0	0	621	156	56	7	6	0.08	3.56	7
CO22669	CO22558	8.26	1 1-	4ACSR	0	0	612	156	10	1	1	0.00	3.57	0
CO22670	CO22669	8.35	1 1-	4ACSR	0	0	601	155	10	1	1	0.00	3.57	0
CO22671	CO22558	8.30	11 1-	4ACSR	0	0	607	155	46	6	5	0.03	3.59	0
CO1410103168	CO22671	8.37	10 1-	2ACSR	0	0	600	155	37	5	3	0.01	3.60	0
CO-2122647656	CO1410103168	8.44	4 1-	2ACSR	0	0	593	154	13	1	1	0.00	3.61	0
CO1328065754	CO-2122647656	8.47	1 1-	2ACSR	0	0	590	154	0	0	0	0.00	3.61	0
CO907201607	CO1410103168	8.69	6 1-	2ACSR	0	0	570	153	24	3	2	0.04	3.64	0
CO561765822	CO907201607	8.82	6 1-	2ACSR	0	0	558	152	24	3	2	0.01	3.65	0
CO2127389589	CO561765822	8.86	2 1-	2ACSR	0	0	555	152	10	1	1	0.00	3.65	0
CO22672	CO2127389589	8.94	2 1-	4ACSR	0	0	547	151	10	1	1	0.00	3.66	0
CO22675	CO22672	9.00	0 1-	4ACSR	0	0	541	151	0	0	0	0.00	3.66	0
CO22676	CO22675	9.06	0 1-	4ACSR	0	0	535	150	0	0	0	0.00	3.66	0
CO22677	CO22676	9.14	0 1-	4ACSR	0	0	527	149	0	0	0	0.00	3.66	0
CO22678	CO22677	9.21	0 1-	4ACSR	0	0	520	149	0	0	0	0.00	3.66	0
CO22679	CO22678	9.26	0 1-	4ACSR	0	0	516	148	0	0	0	0.00	3.66	0
CO22680	CO22679	9.35	0 1-	4ACSR	0	0	507	147	0	0	0	0.00	3.66	0
CO22681	CO22680	9.40	0 1-	4ACSR	0	0	503	147	0	0	0	0.00	3.66	0
CO22682	CO22681	9.45	0 1-	4ACSR	0	0	499	147	0	0	0	0.00	3.66	0
CO-1295699636	CO561765822	8.93	4 1-	2ACSR	0	0	549	151	14	2	1	0.00	3.66	0
CO698225438	CO-1295699636	8.98	0 1-	2ACSR	0	0	545	151	0	0	0	0.00	3.66	0
CO22587	CO22562	7.37	1 1-	4ACSR	0	0	738	164	5	0	0	0.00	2.77	0
CO22663	CO22665	7.30	2 1-	4ACSR	0	0	748	165	0	0	0	0.00	2.63	0
CO22664	CO22663	7.49	2 1-	4ACSR	0	0	718	163	0	0	0	0.00	2.63	0
CO22586	CO22561	7.03	1 1-	4ACSR	0	0	793	168	1	0	0	0.00	2.49	0
CO22936+	CO23031	6.55	0 1-	1/0ACSR	0	0	983	302	0	0	0	0.00	1.72	0
CO23032+	CO23031	6.52	0 3-	1/0ACSR	1199	1130	987	302	0	-7	3	0.00	1.72	0
CA69+	CO23032	6.52	0 3-	Capacitor	1199	1130	987	302	0	-7	0	0.00	1.72	0
CO22896+	CO23689	5.93	157 1-	4ACSR	0	0	1053	307	530	36	26	0.05	1.72	41
CO22930+	CO22896	5.98	1 1-	4ACSR	0	0	1045	306	12	0	1	0.00	1.72	0
CO23017+	CO22896	5.98	156 1-	4ACSR	0	0	1044	306	518	36	26	0.04	1.76	37
CO23018+	CO23017	6.01	156 1-	4ACSR	0	0	1039	305	518	36	26	0.02	1.79	19
CO23094+	CO23018	6.02	151 1-	4ACSR	0	0	1038	305	496	34	25	0.01	1.79	4
OC701+	CO23094	6.02	151 1-	35 E OCR	0	0	1038	305	496	34	99	0.00	1.79	0
CO23095+	OC701	6.30	151 1-	4ACSR	0	0	990	300	496	34	25	0.23	2.02	184
CO22954+	CO23095	6.37	1 1-	2ACSR	0	0	981	299	10	0	0	0.00	2.02	0
CO23063+	CO23095	6.47	150 1-	4ACSR	0	0	964	297	485	33	24	0.13	2.15	104
CO23077+	CO23063	6.55	6 1-	4ACSR	0	0	952	296	24	1	1	0.00	2.16	0
CO23078+	CO23077	6.57	4 1-	4ACSR	0	0	948	295	19	1	1	0.00	2.16	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23076+	CO23078	6.59	3 1-	4ACSR	0	0	945	295	14	0	1	0.00	2.16	0
CO23075+	CO23076	6.63	2 1-	4ACSR	0	0	940	294	10	0	0	0.00	2.16	0
CO23041+	CO23075	6.66	2 1-	4ACSR	0	0	935	294	10	0	0	0.00	2.16	0
CO23004+	CO23063	6.49	144 1-	4ACSR	0	0	960	297	460	32	23	0.02	2.17	12
CO23005+	CO23004	6.57	143 1-	4ACSR	0	0	949	296	452	31	23	0.05	2.22	39
CO23042+	CO23005	6.61	3 1-	4ACSR	0	0	942	295	15	1	1	0.00	2.22	0
CO23043+	CO23042	6.65	3 1-	4ACSR	0	0	936	294	15	1	1	0.00	2.22	0
CO23022+	CO23005	6.61	140 1-	4ACSR	0	0	943	295	437	30	22	0.03	2.25	20
CO23023+	CO23022	6.64	140 1-	4ACSR	0	0	938	294	437	30	22	0.03	2.28	18
CO22932+	CO23023	6.69	1 1-	4ACSR	0	0	931	293	1	0	0	0.00	2.28	0
CO22898+	CO23023	6.66	139 1-	4ACSR	0	0	934	294	436	30	22	0.02	2.29	12
CO22933+	CO22898	6.74	1 1-	4ACSR	0	0	924	293	0	0	0	0.00	2.29	0
CO22899+	CO22898	6.72	138 1-	4ACSR	0	0	926	293	436	30	22	0.04	2.33	29
CO23024+	CO22899	6.97	137 1-	4ACSR	0	0	891	289	432	30	22	0.18	2.51	124
CO23025+	CO23024	7.03	137 1-	4ACSR	0	0	883	288	431	30	22	0.04	2.55	29
CO22909+	CO23025	7.05	134 1-	4ACSR	0	0	880	288	426	29	21	0.01	2.57	9
CO22910+	CO22909	7.17	133 1-	4ACSR	0	0	864	286	412	28	21	0.08	2.65	53
CO23690+	CO22910	7.23	126 1-	4ACSR	0	0	857	285	404	28	20	0.04	2.68	24
CO21090+	CO23690	7.30	125 1-	4ACSR	0	0	848	284	395	27	20	0.05	2.73	32
CO21050+	CO21090	7.35	120 1-	4ACSR	0	0	842	283	371	26	19	0.03	2.76	17
CO21158+	CO21050	7.38	3 1-	2ACSR	0	0	839	282	15	1	1	0.00	2.76	0
CO21159+	CO21158	7.42	2 1-	2ACSR	0	0	835	282	10	0	0	0.00	2.76	0
CO21150+	CO21159	7.50	1 1-	2ACSR	0	0	827	281	1	0	0	0.00	2.76	0
CO21151+	CO21150	7.55	1 1-	2ACSR	0	0	822	281	1	0	0	0.00	2.76	0
CO21051+	CO21050	7.53	117 1-	4ACSR	0	0	820	280	357	25	18	0.11	2.87	61
CO21093+	CO21051	7.59	116 1-	4ACSR	0	0	812	279	353	24	18	0.04	2.90	21
CO21094+	CO21093	7.67	115 1-	4ACSR	0	0	803	278	340	23	17	0.04	2.95	24
CO21062+	CO21094	7.75	2 1-	4ACSR	0	0	795	277	9	0	0	0.00	2.95	0
CO21052+	CO21094	7.76	111 1-	4ACSR	0	0	794	277	328	23	17	0.05	2.99	24
CO21153+	CO21052	7.83	0 1-	4ACSR	0	0	785	275	0	0	0	0.00	2.99	0
CO21154+	CO21153	7.93	0 1-	4ACSR	0	0	775	274	0	0	0	0.00	2.99	0
CO21053+	CO21052	7.92	110 1-	4ACSR	0	0	776	274	325	22	16	0.09	3.08	45
CO21097+	CO21053	8.00	108 1-	4ACSR	0	0	768	273	324	22	16	0.04	3.12	21
CO21098+	CO21097	8.15	108 1-	4ACSR	0	0	752	271	324	22	16	0.08	3.20	43
CO21088+	CO21098	8.35	3 1-	2ACSR	0	0	736	269	14	1	1	0.00	3.20	0
CO21155+	CO21088	8.40	1 1-	2ACSR	0	0	732	268	6	0	0	0.00	3.20	0
CO21156+	CO21155	8.55	1 1-	2ACSR	0	0	721	267	6	0	0	0.00	3.20	0
CO21157+	CO21156	8.66	1 1-	2ACSR	0	0	713	266	6	0	0	0.00	3.20	0
CO20874+	CO21157	8.78	1 1-	2ACSR	0	0	704	265	6	0	0	0.00	3.21	0
CO20873+	CO20874	8.85	1 1-	2ACSR	0	0	699	264	6	0	0	0.00	3.21	0
CO20872+	CO20873	8.94	1 1-	2ACSR	0	0	693	263	6	0	0	0.00	3.21	0
CO20871+	CO20872	9.02	1 1-	2ACSR	0	0	687	262	6	0	0	0.00	3.21	0
CO20870+	CO20871	9.20	1 1-	2ACSR	0	0	676	261	6	0	0	0.00	3.21	0
CO21099+	CO21098	8.23	105 1-	4ACSR	0	0	744	270	310	21	16	0.04	3.24	22
CO21100+	CO21099	8.26	104 1-	4ACSR	0	0	740	269	309	21	16	0.02	3.26	8
CO21101+	CO21100	8.34	103 1-	4ACSR	0	0	733	268	293	20	15	0.03	3.29	17
CO21054+	CO21101	8.36	101 1-	4ACSR	0	0	732	268	279	19	14	0.01	3.30	4
CO21055+	CO21054	8.37	98 1-	4ACSR	0	0	730	268	273	19	14	0.01	3.31	4
CO21102+	CO21055	8.52	96 1-	4ACSR	0	0	715	266	269	19	14	0.07	3.38	29
CO21103+	CO21102	8.67	94 1-	4ACSR	0	0	702	264	262	18	13	0.07	3.44	28
CO21056+	CO21103	8.73	8 1-	4ACSR	0	0	697	263	7	0	0	0.00	3.44	0
CO21069+	CO21056	8.80	1 1-	4ACSR	0	0	691	262	1	0	0	0.00	3.44	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21104+	CO21056	8.79	7 1-	4ACSR	0	0	691	262	5	0	0	0.00	3.44	0
CO-99527684+	CO21104	8.86	1 1-	2ACSR	0	0	687	261	0	0	0	0.00	3.44	0
CO21105+	CO21104	8.85	5 1-	4ACSR	0	0	686	261	5	0	0	0.00	3.44	0
CO21112+	CO21105	9.07	3 1-	4ACSR	0	0	667	258	1	0	0	0.00	3.44	0
CO21113+	CO21112	9.15	3 1-	4ACSR	0	0	661	257	1	0	0	0.00	3.44	0
CO21071+	CO21113	9.41	1 1-	4ACSR	0	0	641	254	0	0	0	0.00	3.44	0
CO21070+	CO21113	9.41	1 1-	4ACSR	0	0	641	254	0	0	0	0.00	3.44	0
CO21114+	CO21113	9.25	1 1-	4ACSR	0	0	653	256	0	0	0	0.00	3.44	0
CO21115+	CO21114	9.64	1 1-	4ACSR	0	0	624	251	0	0	0	0.00	3.44	0
CO21116+	CO21115	9.71	1 1-	4ACSR	0	0	618	250	0	0	0	0.00	3.44	0
CO21117+	CO21116	9.81	1 1-	4ACSR	0	0	612	249	0	0	0	0.00	3.44	0
CO21118+	CO21117	9.91	1 1-	4ACSR	0	0	605	248	0	0	0	0.00	3.44	0
CO21106+	CO21105	9.06	2 1-	4ACSR	0	0	668	258	5	0	0	0.00	3.45	0
CO21107+	CO21106	9.14	2 1-	4ACSR	0	0	662	257	5	0	0	0.00	3.45	0
CO21108+	CO21107	9.25	2 1-	4ACSR	0	0	653	256	5	0	0	0.00	3.45	0
CO21109+	CO21108	9.28	2 1-	4ACSR	0	0	651	256	5	0	0	0.00	3.45	0
CO21110+	CO21109	9.33	1 1-	4ACSR	0	0	647	255	5	0	0	0.00	3.45	0
CO21111+	CO21110	9.41	1 1-	4ACSR	0	0	640	254	5	0	0	0.00	3.45	0
CO21119+	CO21103	9.01	86 1-	4ACSR	0	0	672	259	255	18	13	0.14	3.59	59
CO21120+	CO21119	9.07	86 1-	4ACSR	0	0	667	258	254	18	13	0.03	3.61	10
CO21126+	CO21120	9.14	4 1-	4ACSR	0	0	662	257	13	0	1	0.00	3.61	0
CO21127+	CO21126	9.27	4 1-	4ACSR	0	0	652	256	13	0	1	0.00	3.61	0
CO21074+	CO21127	9.43	3 1-	4ACSR	0	0	639	254	6	0	0	0.00	3.62	0
CO21160+	CO21074	9.53	3 1-	4ACSR	0	0	632	253	6	0	0	0.00	3.62	0
CO21161+	CO21160	9.58	2 1-	4ACSR	0	0	628	252	5	0	0	0.00	3.62	0
CO21130+	CO21161	9.64	1 1-	4ACSR	0	0	624	251	2	0	0	0.00	3.62	0
CO21131+	CO21130	9.75	1 1-	4ACSR	0	0	616	250	2	0	0	0.00	3.62	0
CO-2091862478+	CO21131	9.88	1 1-	2ACSR	0	0	609	249	2	0	0	0.00	3.62	0
CO21132+	CO21161	9.79	1 1-	2ACSR	0	0	616	250	3	0	0	0.00	3.62	0
CO21133+	CO21132	9.84	1 1-	2ACSR	0	0	614	250	3	0	0	0.00	3.62	0
CO21128+	CO21127	9.36	1 1-	4ACSR	0	0	645	255	6	0	0	0.00	3.62	0
CO21129+	CO21128	9.46	1 1-	4ACSR	0	0	637	253	6	0	0	0.00	3.62	0
CO21121+	CO21120	9.13	81 1-	4ACSR	0	0	663	258	232	16	12	0.02	3.63	7
CO21122+	CO21121	9.18	80 1-	4ACSR	0	0	659	257	230	16	12	0.02	3.65	8
CO21123+	CO21122	9.23	79 1-	4ACSR	0	0	654	256	229	16	12	0.02	3.67	7
CO21124+	CO21123	9.28	78 1-	4ACSR	0	0	651	256	220	15	11	0.02	3.69	6
CO21125+	CO21124	9.37	77 1-	4ACSR	0	0	644	255	218	15	11	0.03	3.72	12
CO21162+	CO21125	9.46	3 1-	4ACSR	0	0	637	253	10	0	1	0.00	3.72	0
CO21163+	CO21162	9.58	2 1-	4ACSR	0	0	628	252	8	0	0	0.00	3.72	0
CO21076+	CO21163	9.69	1 1-	4ACSR	0	0	620	251	8	0	0	0.00	3.72	0
CO21134+	CO21163	9.61	1 1-	4ACSR	0	0	626	251	0	0	0	0.00	3.72	0
CO21135+	CO21125	9.42	74 1-	2ACSR	0	0	641	254	208	14	8	0.01	3.73	4
CO21164+	CO21135	9.43	74 1-	2ACSR	0	0	640	254	208	14	8	0.00	3.73	0
CO21186+	CO21164	9.71	73 1-	2ACSR	0	0	624	252	208	14	8	0.07	3.80	22
CO21077+	CO21186	9.82	0 1-	4ACSR	0	0	616	250	0	0	0	0.00	3.80	0
CO21136+	CO21186	9.89	72 1-	2ACSR	0	0	614	250	208	14	8	0.04	3.85	14
CO21137+	CO21136	10.09	72 1-	2ACSR	0	0	603	248	208	14	8	0.05	3.89	15
CO21057+	CO21137	10.13	0 1-	4ACSR	0	0	600	248	0	0	0	0.00	3.89	0
CO21138+	CO21057	10.39	0 1-	4ACSR	0	0	583	245	0	0	0	0.00	3.89	0
CO21139+	CO21138	10.45	0 1-	4ACSR	0	0	580	244	0	0	0	0.00	3.89	0
XFMR43	CO21137	10.09	72 1-	333 KVA 1PH AUT	0	0	687	161	208	14	64	0.71	4.61	0
CO21060	XFMR43	10.13	72 1-	2ACSR	0	0	682	160	208	29	16	0.04	4.65	13

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21059	CO21060	10.37	68 1-	2ACSR	0	0	654	159	205	29	16	0.22	4.88	71
CO21146	CO21059	10.46	66 1-	2ACSR	0	0	644	158	194	27	15	0.08	4.96	24
CO21147	CO21146	10.66	65 1-	2ACSR	0	0	622	157	193	27	15	0.18	5.14	54
CO21079	CO21147	10.70	1 1-	4ACSR	0	0	618	156	6	0	1	0.00	5.14	0
CO21165	CO21147	10.72	64 1-	2ACSR	0	0	617	156	187	26	15	0.05	5.19	14
CO21166	CO21165	10.92	62 1-	2ACSR	0	0	597	155	177	25	14	0.17	5.35	46
CO21167	CO21166	11.00	61 1-	2ACSR	0	0	589	155	175	25	14	0.06	5.42	17
CO21168	CO21167	11.06	60 1-	2ACSR	0	0	583	154	170	24	14	0.05	5.47	14
CO21169	CO21168	11.09	60 1-	2ACSR	0	0	580	154	170	24	14	0.02	5.49	6
CO21170	CO21169	11.15	59 1-	2ACSR	0	0	575	154	168	24	13	0.05	5.54	13
CO21058	CO21170	11.29	4 1-	4ACSR	0	0	560	152	3	0	0	0.00	5.54	0
CO21173	CO21058	11.39	3 1-	4ACSR	0	0	549	152	1	0	0	0.00	5.54	0
CO21174	CO21173	11.63	2 1-	4ACSR	0	0	526	149	1	0	0	0.00	5.54	0
CO21149	CO21174	11.72	2 1-	4ACSR	0	0	517	149	1	0	0	0.00	5.54	0
CO21148	CO21149	11.81	2 1-	4ACSR	0	0	509	148	1	0	0	0.00	5.54	0
CO21171	CO21148	12.06	2 1-	4ACSR	0	0	487	146	1	0	0	0.00	5.54	0
CO21172	CO21171	12.44	1 1-	4ACSR	0	0	458	143	0	0	0	0.00	5.54	0
CO21080	CO21058	11.35	1 1-	4ACSR	0	0	553	152	2	0	0	0.00	5.54	0
CO21175	CO21170	11.22	54 1-	2ACSR	0	0	569	153	163	23	13	0.05	5.59	12
CO21176	CO21175	11.35	53 1-	2ACSR	0	0	557	152	162	23	13	0.10	5.69	26
CO21081	CO21176	11.40	1 1-	4ACSR	0	0	552	152	0	0	0	0.00	5.69	0
CO21177	CO21176	11.40	52 1-	2ACSR	0	0	553	152	162	23	13	0.04	5.73	10
CO21178	CO21177	11.45	51 1-	2ACSR	0	0	549	152	157	22	13	0.04	5.77	9
CO21082	CO21178	11.50	0 1-	4ACSR	0	0	544	151	0	0	0	0.00	5.77	0
CO21181	CO21178	11.46	51 1-	2ACSR	0	0	548	152	157	22	13	0.00	5.77	0
OC636	CO21181	11.46	51 1-	35 H OCR	0	0	548	152	157	22	65	0.00	5.77	0
CO21182	OC636	11.56	51 1-	2ACSR	0	0	540	151	157	22	13	0.08	5.85	19
CO21179	CO21182	11.60	50 1-	2ACSR	0	0	537	151	157	22	13	0.02	5.87	6
CO21180	CO21179	11.80	50 1-	2ACSR	0	0	521	150	157	22	13	0.15	6.02	38
CO21084	CO21180	11.88	1 1-	4ACSR	0	0	514	149	6	0	1	0.00	6.03	0
CO23691	CO21180	11.94	49 1-	2ACSR	0	0	511	149	151	21	12	0.09	6.12	22
CO20905	CO23691	12.00	1 1-	4ACSR	0	0	505	148	1	0	0	0.00	6.12	0
CO20885	CO23691	12.01	48 1-	2ACSR	0	0	506	148	149	21	12	0.05	6.17	13
CO20906	CO20885	12.09	0 1-	4ACSR	0	0	499	148	0	0	0	0.00	6.17	0
CO20886	CO20885	12.18	48 1-	2ACSR	0	0	494	147	149	21	12	0.11	6.29	27
CO20913	CO20886	12.21	2 1-	2ACSR	0	0	492	147	2	0	0	0.00	6.29	0
CO20894	CO20886	12.34	46 1-	2ACSR	0	0	484	146	147	21	12	0.11	6.40	26
CO20937	CO20894	12.45	3 1-	2ACSR	0	0	477	146	3	0	0	0.00	6.40	0
CO20936	CO20937	12.50	3 1-	2ACSR	0	0	473	146	3	0	0	0.00	6.40	0
CO20935	CO20936	12.57	3 1-	2ACSR	0	0	469	145	3	0	0	0.00	6.40	0
CO20934	CO20935	12.65	3 1-	2ACSR	0	0	464	145	3	0	0	0.00	6.40	0
CO21023	CO20934	12.67	3 1-	2ACSR	0	0	463	145	3	0	0	0.00	6.40	0
CO21024	CO21023	12.71	2 1-	2ACSR	0	0	460	144	0	0	0	0.00	6.40	0
CO20933	CO21024	12.75	2 1-	2ACSR	0	0	458	144	0	0	0	0.00	6.40	0
CO20932	CO20933	12.79	1 1-	2ACSR	0	0	456	144	0	0	0	0.00	6.40	0
CO20931	CO20932	12.84	1 1-	2ACSR	0	0	453	144	0	0	0	0.00	6.40	0
CO20930	CO20931	12.91	1 1-	2ACSR	0	0	449	143	0	0	0	0.00	6.40	0
CO20907	CO20894	12.41	1 1-	2ACSR	0	0	479	146	1	0	0	0.00	6.40	0
CO20887	CO20894	12.65	42 1-	2ACSR	0	0	464	145	144	20	12	0.21	6.60	46
CO-1050031709	CO20887	12.71	1 1-	2ACSR	0	0	460	144	10	1	1	0.00	6.61	0
CO20908	CO20887	12.70	0 1-	4ACSR	0	0	461	144	0	0	0	0.00	6.60	0
CO20927	CO20887	12.83	39 1-	2ACSR	0	0	453	144	128	18	10	0.11	6.71	22

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21021	CO20927	12.87	39 1-	2ACSR	0	0	451	143	128	18	10	0.03	6.74	5
CO21022	CO21021	12.95	38 1-	2ACSR	0	0	446	143	124	17	10	0.05	6.79	9
CO21020	CO21022	13.08	37 1-	2ACSR	0	0	439	142	121	17	10	0.07	6.86	14
CO20888	CO21020	13.14	34 1-	2ACSR	0	0	436	142	119	17	10	0.03	6.89	6
CO20889	CO20888	13.23	33 1-	2ACSR	0	0	431	141	115	16	9	0.05	6.94	9
CO21018	CO20889	13.33	6 1-	4ACSR	0	0	425	141	17	2	2	0.01	6.95	0
CO21019	CO21018	13.42	4 1-	4ACSR	0	0	419	140	13	1	1	0.01	6.96	0
CO20947	CO21019	13.46	3 1-	4ACSR	0	0	416	140	6	0	1	0.00	6.96	0
CO20991	CO20947	13.50	1 1-	2ACSR	0	0	414	139	5	0	0	0.00	6.96	0
CO20990	CO20991	13.57	1 1-	2ACSR	0	0	411	139	5	0	0	0.00	6.96	0
CO20946	CO20947	13.60	2 1-	4ACSR	0	0	408	139	1	0	0	0.00	6.96	0
CO20968	CO20889	13.27	4 1-	4ACSR	0	0	429	141	23	3	2	0.01	6.95	0
CO20967	CO20968	13.31	4 1-	4ACSR	0	0	426	141	23	3	2	0.01	6.95	0
CO20966	CO20967	13.38	3 1-	4ACSR	0	0	421	140	11	1	1	0.01	6.96	0
CO-556117998	CO20966	13.46	1 1-	2ACSR	0	0	418	140	7	1	1	0.00	6.96	0
CO20965	CO20966	13.43	1 1-	4ACSR	0	0	418	140	4	0	0	0.00	6.96	0
CO20890	CO20889	13.29	22 1-	2ACSR	0	0	428	141	72	10	6	0.02	6.96	2
CO20912	CO20890	13.33	1 1-	2ACSR	0	0	426	141	8	1	1	0.00	6.96	0
CO20893	CO20890	13.44	21 1-	2ACSR	0	0	420	140	64	9	5	0.04	7.01	4
CO21016	CO20893	13.72	18 1-	2ACSR	0	0	407	139	55	7	4	0.06	7.07	5
CO21017	CO21016	13.78	17 1-	2ACSR	0	0	404	139	44	6	4	0.01	7.08	0
CO21014	CO21017	13.80	17 1-	2ACSR	0	0	403	138	44	6	4	0.00	7.09	0
CO21015	CO21014	13.84	15 1-	2ACSR	0	0	401	138	40	5	3	0.01	7.09	0
CO21013	CO21015	13.89	14 1-	2ACSR	0	0	399	138	37	5	3	0.01	7.10	0
CO21012	CO21013	13.95	13 1-	2ACSR	0	0	396	138	37	5	3	0.01	7.11	0
CO20911	CO21012	13.98	1 1-	4ACSR	0	0	394	137	2	0	0	0.00	7.11	0
CO20929	CO21012	13.99	11 1-	2ACSR	0	0	394	137	29	4	2	0.01	7.12	0
CO20928	CO20929	14.10	11 1-	2ACSR	0	0	390	137	29	4	2	0.01	7.13	0
CO20891	CO20928	14.13	9 1-	2ACSR	0	0	388	137	17	2	1	0.00	7.14	0
CO20952	CO20891	14.16	6 1-	2ACSR	0	0	387	137	16	2	1	0.00	7.14	0
CO20951	CO20952	14.39	6 1-	2ACSR	0	0	377	135	16	2	1	0.02	7.16	0
CO20950	CO20951	14.43	6 1-	2ACSR	0	0	376	135	16	2	1	0.00	7.16	0
CO21049	CO20950	14.48	1 1-	4ACSR	0	0	373	135	9	1	1	0.00	7.16	0
CO21046	CO20950	14.51	4 1-	2ACSR	0	0	372	135	6	0	1	0.00	7.16	0
CO21008	CO21046	14.63	3 1-	2ACSR	0	0	368	134	6	0	1	0.00	7.16	0
CO20974	CO21008	14.80	1 1-	4ACSR	0	0	359	133	5	0	0	0.01	7.17	0
CO20973	CO20974	14.86	1 1-	4ACSR	0	0	357	133	5	0	0	0.00	7.17	0
CO20972	CO20973	14.91	1 1-	4ACSR	0	0	355	132	5	0	0	0.00	7.17	0
CO20895	CO21008	14.82	2 1-	2ACSR	0	0	360	133	2	0	0	0.00	7.17	0
CO20904	CO20895	14.98	0 1-	4ACSR	0	0	353	132	0	0	0	0.00	7.17	0
SW635-B	CO20904	14.98	0 1-	Open	0	0	353	132	0	0	0	0.00	7.17	0
CO20915	CO20895	14.84	1 1-	4ACSR	0	0	359	133	2	0	0	0.00	7.17	0
CO20914	CO20895	14.85	1 1-	4ACSR	0	0	359	133	0	0	0	0.00	7.17	0
CO21009	CO20891	14.19	3 1-	4ACSR	0	0	385	136	1	0	0	0.00	7.14	0
CO21010	CO21009	15.26	2 1-	4ACSR	0	0	334	129	1	0	0	0.00	7.14	0
CO21011	CO21010	15.43	1 1-	4ACSR	0	0	327	128	0	0	0	0.00	7.14	0
CO20949	CO21011	15.70	1 1-	4ACSR	0	0	317	126	0	0	0	0.00	7.14	0
CO20948	CO20928	14.42	2 1-	4ACSR	0	0	373	135	12	1	1	0.02	7.16	0
CO21042	CO20948	14.46	1 1-	4ACSR	0	0	371	134	9	1	1	0.00	7.16	0
CO21043	CO21042	14.51	0 1-	4ACSR	0	0	368	134	0	0	0	0.00	7.16	0
CO20892	CO20893	13.50	3 1-	4ACSR	0	0	417	140	9	1	1	0.00	7.01	0
CO20910	CO20892	13.59	1 1-	4ACSR	0	0	411	139	3	0	0	0.00	7.01	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20970	CO20892	13.56	2 1-	4ACSR	0	0	413	139	7	0	1	0.00	7.01	0
CO20969	CO20970	13.61	1 1-	4ACSR	0	0	410	139	7	0	1	0.00	7.01	0
CO20909	CO20888	13.21	1 1-	4ACSR	0	0	432	141	4	0	0	0.00	6.89	0
CO20945	CO21020	13.26	3 1-	4ACSR	0	0	427	141	1	0	0	0.00	6.86	0
CO20944	CO20945	13.38	3 1-	4ACSR	0	0	419	140	1	0	0	0.00	6.86	0
CO20943	CO20944	13.50	2 1-	4ACSR	0	0	412	139	0	0	0	0.00	6.86	0
CO20942	CO20943	13.62	1 1-	4ACSR	0	0	405	138	0	0	0	0.00	6.86	0
CO20941	CO20942	13.71	1 1-	4ACSR	0	0	400	137	0	0	0	0.00	6.86	0
CO20940	CO20941	13.79	1 1-	4ACSR	0	0	395	137	0	0	0	0.00	6.86	0
CO20939	CO20940	13.88	1 1-	4ACSR	0	0	390	136	0	0	0	0.00	6.86	0
CO20938	CO20939	14.00	1 1-	4ACSR	0	0	384	135	0	0	0	0.00	6.86	0
CO21083	CO21182	11.89	1 1-	4ACSR	0	0	509	148	1	0	0	0.00	5.85	0
CO21078	CO21059	10.44	1 1-	4ACSR	0	0	644	158	6	0	1	0.00	4.88	0
CO21140	CO21060	10.18	3 1-	4ACSR	0	0	675	160	1	0	0	0.00	4.65	0
CO21141	CO21140	10.40	3 1-	4ACSR	0	0	644	158	1	0	0	0.00	4.65	0
CO21185	CO21141	10.97	3 1-	4ACSR	0	0	574	152	1	0	0	0.00	4.66	0
CO21142	CO21185	11.33	3 1-	4ACSR	0	0	535	149	1	0	0	0.00	4.66	0
CO21075	CO21142	11.46	0 1-	4ACSR	0	0	523	148	0	0	0	0.00	4.66	0
CO21143	CO21142	11.38	3 1-	4ACSR	0	0	531	149	1	0	0	0.00	4.66	0
CO21144	CO21143	11.71	3 1-	4ACSR	0	0	500	146	1	0	0	0.00	4.66	0
CO21183	CO21144	11.81	0 1-	4ACSR	0	0	492	145	0	0	0	0.00	4.66	0
CO21184	CO21183	12.04	0 1-	4ACSR	0	0	472	144	0	0	0	0.00	4.66	0
CO21072	CO21144	12.07	1 1-	4ACSR	0	0	470	143	0	0	0	0.00	4.66	0
CO21145	CO21144	11.94	2 1-	4ACSR	0	0	481	144	1	0	0	0.00	4.66	0
CO23672	CO21145	12.47	1 1-	4ACSR	0	0	440	140	0	0	0	0.00	4.66	0
CO21068+	CO21055	8.44	1 1-	4ACSR	0	0	723	267	3	0	0	0.00	3.31	0
CO21067+	CO21054	8.45	1 1-	4ACSR	0	0	722	267	4	0	0	0.00	3.30	0
CO21066+	CO21101	8.39	1 1-	4ACSR	0	0	728	267	12	0	1	0.00	3.30	0
CO21073+	CO21053	8.13	1 1-	4ACSR	0	0	754	271	0	0	0	0.00	3.08	0
CO21065+	CO21053	8.08	1 1-	4ACSR	0	0	759	272	0	0	0	0.00	3.08	0
CO21064+	CO21052	7.84	0 1-	4ACSR	0	0	784	275	0	0	0	0.00	2.99	0
CO21063+	CO21052	7.85	1 1-	4ACSR	0	0	783	275	2	0	0	0.00	2.99	0
CO21095+	CO21094	7.82	2 1-	4ACSR	0	0	787	276	3	0	0	0.00	2.95	0
CO21096+	CO21095	7.88	1 1-	4ACSR	0	0	780	275	0	0	0	0.00	2.95	0
CO21089+	CO21093	7.67	1 1-	2ACSR	0	0	805	278	13	0	1	0.00	2.90	0
CO21061+	CO21051	7.60	1 1-	4ACSR	0	0	812	279	4	0	0	0.00	2.87	0
CO21091+	CO21090	7.33	5 1-	4ACSR	0	0	844	283	24	1	1	0.00	2.73	0
CO21092+	CO21091	7.36	2 1-	4ACSR	0	0	841	283	9	0	0	0.00	2.73	0
CO23009+	CO22910	7.25	6 1-	4ACSR	0	0	854	284	8	0	0	0.00	2.65	0
CO23010+	CO23009	7.38	6 1-	4ACSR	0	0	838	282	8	0	0	0.00	2.65	0
CO23079+	CO23010	7.54	3 1-	4ACSR	0	0	819	280	3	0	0	0.00	2.65	0
CO23081+	CO23079	7.59	3 1-	4ACSR	0	0	813	279	3	0	0	0.00	2.65	0
CO23082+	CO23081	7.64	0 1-	4ACSR	0	0	807	278	0	0	0	0.00	2.65	0
CO23049+	CO23082	7.70	0 1-	4ACSR	0	0	800	277	0	0	0	0.00	2.65	0
CO23080+	CO23079	7.59	0 1-	4ACSR	0	0	813	279	0	0	0	0.00	2.65	0
CO23036+	CO23080	7.76	0 1-	4ACSR	0	0	794	277	0	0	0	0.00	2.65	0
CO23047+	CO23010	7.42	3 1-	4ACSR	0	0	833	282	5	0	0	0.00	2.65	0
CO23048+	CO23047	7.51	3 1-	4ACSR	0	0	822	280	5	0	0	0.00	2.65	0
CO22950+	CO22909	7.17	1 1-	4ACSR	0	0	865	286	14	1	1	0.00	2.57	0
CO22949+	CO23025	7.15	2 1-	4ACSR	0	0	868	286	1	0	0	0.00	2.55	0
CO22934+	CO22899	6.78	1 1-	4ACSR	0	0	917	292	4	0	0	0.00	2.33	0
CO23003+	CO23018	6.03	3 1-	4ACSR	0	0	1036	305	16	1	1	0.00	1.79	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23015+	CO23003	6.08	1 1-	4ACSR	0	0	1027	304	0	0	0	0.00	1.79	0
CO23016+	CO23015	6.12	1 1-	4ACSR	0	0	1020	303	0	0	0	0.00	1.79	0
CO23019+	CO23018	6.05	2 1-	4ACSR	0	0	1032	304	6	0	0	0.00	1.79	0
CO23020+	CO23019	6.11	1 1-	4ACSR	0	0	1022	303	0	0	0	0.00	1.79	0
CO-2135189148+	CO23019	6.20	1 1-	2ACSR	0	0	1011	303	6	0	0	0.00	1.79	0
CO22606+	CO22609	5.13	5 1-	4ACSR	0	0	1163	314	11	0	1	0.00	1.49	0
CO22607+	CO22606	5.19	5 1-	4ACSR	0	0	1152	313	11	0	1	0.00	1.49	0
CO22603+	CO22607	5.23	4 1-	4ACSR	0	0	1143	312	6	0	0	0.00	1.49	0
CO22604+	CO22603	5.27	3 1-	4ACSR	0	0	1134	311	5	0	0	0.00	1.49	0
CO22602+	CO22604	5.37	3 1-	4ACSR	0	0	1114	310	5	0	0	0.00	1.49	0
CO23052+	CO22602	5.46	3 1-	2ACSR	0	0	1100	308	5	0	0	0.00	1.49	0
CO23053+	CO23052	5.63	3 1-	2ACSR	0	0	1073	306	5	0	0	0.00	1.49	0
CO23054+	CO23053	5.69	2 1-	2ACSR	0	0	1065	306	5	0	0	0.00	1.49	0
CO22605+	CO22607	5.25	1 1-	4ACSR	0	0	1139	312	5	0	0	0.00	1.49	0
CO22623+	CO22626	3.82	6 1-	1/0ACSR	0	0	1403	327	24	1	1	0.00	1.17	0
OC192177210+	CO22623	3.82	3 1-	15 N FUSE	0	0	1403	327	10	0	5	0.00	1.17	0
CO22624+	OC192177210	3.88	3 1-	1/0ACSR	0	0	1391	327	10	0	0	0.00	1.17	0
CO22584+	CO22627	3.63	2 1-	1/0ACSR	0	0	1444	329	13	0	0	0.00	1.12	0
OC1148502624+	CO22584	3.63	0 1-	15 N FUSE	0	0	1444	329	0	0	0	0.00	1.12	0
CO22598+	CO22629	3.32	0 1-	2ACSR	0	0	1517	332	0	0	0	0.00	1.05	0
OC768680511+	CO22598	3.32	0 1-	15 N FUSE	0	0	1517	332	0	0	0	0.00	1.05	0
CO20842+	CO20828	3.23	249 3-	1/0ACSR	1714	1641	1541	333	1260	29	13	0.01	1.04	10
CO23845+	CO20842	3.36	248 3-	1/0ACSR	1687	1612	1509	332	1250	29	13	0.04	1.07	64
CO22631+	CO23845	3.66	248 3-	1/0ACSR	1626	1548	1438	329	1250	29	13	0.08	1.15	148
XFMR54	CO22631	3.66	248 3-	333 KVA 1PH AUT	987	975	950	174	1250	29	126	1.47	2.62	0
CO22559	XFMR54	3.73	248 3-	1/0ACSR	979	966	938	174	1250	58	25	0.07	2.69	135
CO22739	CO22559	3.73	233 3-	1/0ACSR	978	965	937	174	1168	54	24	0.01	2.70	11
OC690	CO22739	3.73	233 3-	70 L OCR	978	965	937	174	1168	54	78	0.00	2.70	0
CO22740	OC690	3.76	233 3-	1/0ACSR	975	961	932	173	1168	54	24	0.03	2.73	46
CO22632	CO22740	3.78	232 3-	1/0ACSR	972	959	929	173	1168	54	24	0.02	2.74	32
CO22633	CO22632	3.82	232 3-	1/0ACSR	967	953	922	173	1167	54	24	0.04	2.79	74
CO22634	CO22633	3.85	232 3-	1/0ACSR	963	949	917	173	1167	54	24	0.03	2.82	55
CO22635	CO22634	3.89	232 3-	1/0ACSR	958	943	910	173	1167	54	24	0.04	2.86	70
CO22636	CO22635	3.95	232 3-	1/0ACSR	951	936	900	172	1166	54	24	0.06	2.92	101
CO23705	CO22636	4.15	232 3-	1/0ACSR	928	910	869	171	1166	54	24	0.20	3.11	339
CO21598	CO23705	4.27	232 3-	1/0ACSR	915	895	851	171	1164	54	24	0.12	3.23	203
CO21664	CO21598	4.32	3 1-	4ACSR	0	0	843	170	9	1	1	0.00	3.23	0
OC415749861	CO21664	4.32	3 1-	15 N FUSE	0	0	843	170	9	1	9	0.00	3.23	0
CO21665	OC415749861	4.37	3 1-	4ACSR	0	0	833	170	9	1	1	0.00	3.24	0
CO21668	CO21665	4.57	2 1-	2ACSR	0	0	802	168	8	1	1	0.01	3.24	0
CO21669	CO21668	4.67	1 1-	2ACSR	0	0	787	167	8	1	1	0.00	3.25	0
CO-1271153133	CO21669	4.71	1 1-	2ACSR	0	0	780	167	8	1	1	0.00	3.25	0
CO21670	CO21669	4.74	0 1-	2ACSR	0	0	777	167	0	0	0	0.00	3.25	0
CO21666	CO21665	4.53	1 1-	4ACSR	0	0	804	168	1	0	0	0.00	3.24	0
CO21667	CO21666	4.59	1 1-	4ACSR	0	0	794	167	1	0	0	0.00	3.24	0
CO21599	CO21598	4.31	229 3-	1/0ACSR	910	890	845	171	1154	54	24	0.04	3.27	71
CO21671	CO21599	4.33	228 3-	1/0ACSR	908	888	843	170	1153	54	24	0.02	3.29	32
CO21672	CO21671	4.37	228 3-	1/0ACSR	904	883	837	170	1153	54	24	0.04	3.33	62
CO21673	CO21672	4.38	228 3-	1/0ACSR	902	881	835	170	1153	54	24	0.01	3.34	23
CO21678	CO21673	4.44	224 3-	1/0ACSR	896	875	827	170	1129	53	23	0.05	3.39	90
CO21679	CO21678	4.46	224 3-	1/0ACSR	893	872	824	170	1128	53	23	0.03	3.42	43
CO30559	CO21679	4.50	224 3-	1/0ACSR	889	867	818	170	1128	53	23	0.04	3.45	62

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21920	CO30559	4.51	4 1-	1/0ACSR	0	0	817	169	10	1	1	0.00	3.45	0
OC653	CO21920	4.51	4 1-	10 N FUSE	0	0	817	169	10	1	13	0.00	3.45	0
CO21921	OC653	4.55	4 1-	1/0ACSR	0	0	812	169	10	1	1	0.00	3.46	0
CO21680	CO21921	4.60	4 1-	1/0ACSR	0	0	805	169	10	1	1	0.00	3.46	0
CO21681	CO21680	4.62	3 1-	1/0ACSR	0	0	802	169	9	1	1	0.00	3.46	0
CO21682	CO21681	4.75	3 1-	1/0ACSR	0	0	786	168	9	1	1	0.00	3.46	0
CO21683	CO21682	4.82	2 1-	1/0ACSR	0	0	776	168	9	1	1	0.00	3.46	0
CO21684	CO21683	4.84	1 1-	1/0ACSR	0	0	773	168	9	1	1	0.00	3.46	0
CO21685	CO21684	5.00	1 1-	1/0ACSR	0	0	754	167	9	1	1	0.00	3.47	0
CO21686	CO21685	5.20	1 1-	1/0ACSR	0	0	731	166	9	1	1	0.01	3.48	0
CO21687	CO21686	5.23	1 1-	1/0ACSR	0	0	727	166	9	1	1	0.00	3.48	0
CO23734	CO21687	5.35	1 1-	1/0ACSR	0	0	715	165	9	1	1	0.00	3.48	0
CO20358	CO23734	5.48	1 1-	1/0ACSR	0	0	700	164	9	1	1	0.00	3.48	0
CO20359	CO20358	5.75	1 1-	1/0ACSR	0	0	674	163	9	1	1	0.01	3.49	0
CO20360	CO20359	5.79	1 1-	1/0ACSR	0	0	670	163	9	1	1	0.00	3.49	0
CO20361	CO20360	5.97	1 1-	1/0ACSR	0	0	652	162	9	1	1	0.01	3.50	0
CO20362	CO20361	6.05	1 1-	1/0ACSR	0	0	645	162	9	1	1	0.00	3.50	0
CO20363	CO20362	6.10	1 1-	1/0ACSR	0	0	640	161	9	1	1	0.00	3.50	0
CO21688	CO30559	4.52	220 3-	1/0ACSR	887	864	815	169	1118	52	23	0.02	3.48	34
CO21689	CO21688	4.58	219 3-	1/0ACSR	880	857	807	169	1115	52	23	0.06	3.53	97
CO21690	CO21689	4.69	219 3-	1/0ACSR	870	845	793	169	1115	52	23	0.10	3.63	163
CO21691	CO21690	4.76	219 3-	1/0ACSR	862	837	784	168	1114	52	23	0.07	3.70	112
CO21692	CO21691	4.78	219 3-	1/0ACSR	860	834	781	168	1113	52	23	0.02	3.72	36
CO21600	CO21692	4.80	218 3-	1/0ACSR	858	832	779	168	1108	52	23	0.02	3.74	31
CO21697	CO21600	4.98	216 3-	1/0ACSR	839	812	756	167	1094	51	22	0.17	3.91	279
CO21698	CO21697	5.02	215 3-	1/0ACSR	836	808	752	167	1087	51	22	0.03	3.94	52
CO21696	CO21698	5.03	215 3-	1/0ACSR	834	807	750	167	1086	51	22	0.01	3.96	22
CO21922	CO21696	5.04	23 1-	6ACWC	0	0	749	167	106	15	11	0.00	3.96	0
OC652	CO21922	5.04	23 1-	10 N FUSE	0	0	749	167	106	15	150	0.00	3.96	0
CO21923	OC652	5.14	23 1-	6ACWC	0	0	734	166	106	15	11	0.07	4.03	12
CO21643	CO21923	5.21	1 1-	6ACWC	0	0	723	165	9	1	1	0.00	4.03	0
CO21642	CO21923	5.23	1 1-	6ACWC	0	0	720	165	8	1	1	0.00	4.03	0
CO21699	CO21923	5.27	21 1-	6ACWC	0	0	714	164	89	12	9	0.08	4.11	12
CO21700	CO21699	5.31	20 1-	6ACWC	0	0	709	164	88	12	9	0.02	4.12	3
CO21701	CO21700	5.38	20 1-	6ACWC	0	0	698	163	88	12	9	0.04	4.17	6
CO21702	CO21701	5.68	19 1-	6ACWC	0	0	657	160	78	11	8	0.14	4.31	17
CO21703	CO21702	5.73	18 1-	6ACWC	0	0	651	160	68	9	7	0.02	4.33	3
CO21605	CO21703	5.79	17 1-	6ACWC	0	0	643	159	59	8	6	0.02	4.35	0
CO21706	CO21605	5.88	14 1-	6ACWC	0	0	633	158	50	7	5	0.03	4.38	0
CO21709	CO21706	5.89	4 1-	6ACWC	0	0	630	158	15	2	1	0.00	4.38	0
CO21710	CO21709	5.91	3 1-	6ACWC	0	0	628	158	12	1	1	0.00	4.38	0
CO21718	CO21710	6.01	2 1-	6ACWC	0	0	616	157	4	0	0	0.00	4.38	0
CO21719	CO21718	6.09	1 1-	6ACWC	0	0	607	156	4	0	0	0.00	4.38	0
CO21720	CO21719	6.26	0 1-	6ACWC	0	0	586	155	0	0	0	0.00	4.38	0
CO21721	CO21720	6.52	0 1-	6ACWC	0	0	559	152	0	0	0	0.00	4.38	0
CO21707	CO21706	5.91	9 1-	6ACWC	0	0	628	158	30	4	3	0.01	4.38	0
CO21708	CO21707	5.96	8 1-	6ACWC	0	0	622	158	27	3	3	0.01	4.39	0
CO21711	CO21708	6.00	8 1-	6ACWC	0	0	617	157	27	3	3	0.01	4.40	0
CO21663	CO21711	6.02	0 1-	2ACSR	0	0	615	157	0	0	0	0.00	4.40	0
CO21712	CO21711	6.04	8 1-	6ACWC	0	0	612	157	27	3	3	0.01	4.41	0
CO21713	CO21712	6.10	7 1-	6ACWC	0	0	605	156	23	3	2	0.01	4.41	0
CO21714	CO21713	6.13	5 1-	6ACWC	0	0	602	156	9	1	1	0.00	4.41	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21715	CO21714	6.19	5 1-	6ACWC	0	0	594	155	9	1	1	0.00	4.42	0
CO805472466	CO21715	6.33	5 1-	2ACSR	0	0	581	154	9	1	1	0.01	4.42	0
CO435618888	CO805472466	6.41	4 1-	2ACSR	0	0	575	154	3	0	0	0.00	4.43	0
CO21717	CO435618888	6.49	0 1-	6ACWC	0	0	566	153	0	0	0	0.00	4.43	0
CO1166192966	CO435618888	6.75	4 1-	2ACSR	0	0	546	152	3	0	0	0.00	4.43	0
CO1256642813	CO1166192966	6.82	1 1-	2ACSR	0	0	540	151	0	0	0	0.00	4.43	0
CO1545395685	CO1256642813	6.88	1 1-	2ACSR	0	0	535	151	0	0	0	0.00	4.43	0
CO-767288974	CO805472466	6.35	1 1-	2ACSR	0	0	580	154	6	0	0	0.00	4.42	0
CO-1433453861	CO-767288974	6.39	1 1-	1/0PRIURD	0	0	577	310	6	0	1	0.00	4.43	0
CO21657	CO21712	6.08	0 1-	6ACWC	0	0	608	156	0	0	0	0.00	4.41	0
CO21704	CO21605	5.84	1 1-	6ACWC	0	0	637	159	4	0	0	0.00	4.35	0
CO21705	CO21704	5.89	1 1-	6ACWC	0	0	631	158	4	0	0	0.00	4.35	0
CO21655	CO21703	5.75	1 1-	6ACWC	0	0	648	159	9	1	1	0.00	4.33	0
CO21722	CO21696	5.21	190 3-	1/0ACSR	817	788	730	166	978	46	20	0.15	4.10	213
CO21723	CO21722	5.23	189 3-	1/0ACSR	815	786	727	166	967	45	20	0.02	4.12	27
CO21724	CO21723	5.28	189 3-	1/0ACSR	811	781	722	165	967	45	20	0.04	4.16	55
CO21601	CO21724	5.37	188 3-	1/0ACSR	802	772	712	165	955	45	20	0.08	4.23	111
CO21602	CO21601	5.47	187 3-	1/0ACSR	793	761	701	164	954	45	20	0.08	4.32	120
CO21729	CO21602	5.54	182 3-	1/0ACSR	787	755	694	164	923	43	19	0.05	4.37	70
CO21730	CO21729	5.56	181 3-	1/0ACSR	785	753	692	164	922	43	19	0.02	4.38	21
CO21731	CO21730	5.59	179 3-	1/0ACSR	782	750	689	164	919	43	19	0.02	4.41	33
CO30560	CO21731	5.66	178 3-	1/0ACSR	776	743	681	164	905	42	19	0.06	4.47	78
CO21732	CO30560	5.68	176 3-	1/0ACSR	774	741	679	163	900	42	19	0.02	4.48	21
CO21653	CO21732	5.72	3 1-	4ACSR	0	0	674	163	14	2	1	0.00	4.48	0
OC-697619997	CO21653	5.72	0 1-	15 N FUSE	0	0	674	163	0	0	0	0.00	4.48	0
CO21733	CO21732	5.70	171 3-	1/0ACSR	773	740	678	163	881	41	18	0.01	4.49	15
CO21734	CO21733	5.72	168 3-	1/0ACSR	771	738	675	163	867	41	18	0.02	4.51	21
CO21735	CO21734	5.73	167 3-	1/0ACSR	770	737	674	163	854	40	18	0.01	4.52	10
CO21758	CO21735	5.81	138 3-	1/0ACSR	763	730	667	163	716	33	15	0.05	4.56	50
CO21759	CO21758	5.90	136 3-	1/0ACSR	756	722	658	162	705	33	15	0.05	4.62	57
CO21760	CO21759	5.99	134 3-	1/0ACSR	748	714	650	162	700	33	14	0.05	4.67	56
CO21761	CO21760	6.01	132 3-	1/0ACSR	746	711	647	162	689	32	14	0.02	4.69	18
CO21647	CO21761	6.11	1 1-	4ACSR	0	0	636	161	2	0	0	0.00	4.69	0
OC1829505773	CO21647	6.11	0 1-	15 N FUSE	0	0	636	161	0	0	0	0.00	4.69	0
CO21646	CO21761	6.12	1 1-	4ACSR	0	0	635	161	10	1	1	0.00	4.69	0
OC-767824631	CO21646	6.12	0 1-	15 N FUSE	0	0	635	161	0	0	0	0.00	4.69	0
CO21924	CO21761	6.02	53 1-	6ACWC	0	0	647	162	238	33	24	0.01	4.70	4
OC654	CO21924	6.02	53 1-	50 L OCR	0	0	647	162	238	33	0	0.00	4.70	0
CO-737095448	OC654	6.10	53 1-	2ACSR	0	0	639	161	238	33	19	0.08	4.78	31
CO-217193289	CO-737095448	6.11	52 1-	2ACSR	0	0	638	161	233	33	18	0.01	4.79	4
CO21762	CO-217193289	6.20	52 1-	6ACWC	0	0	626	160	233	33	24	0.15	4.94	56
CO21603	CO21762	6.43	50 1-	6ACWC	0	0	601	158	228	32	23	0.34	5.28	127
CO21763	CO21603	6.50	49 1-	6ACWC	0	0	593	157	226	32	23	0.10	5.38	39
CO21764	CO21763	6.53	47 1-	6ACWC	0	0	590	157	210	30	22	0.04	5.42	14
CO21649	CO21764	6.57	1 1-	6ACWC	0	0	585	157	9	1	1	0.00	5.42	0
CO21654	CO21764	6.58	1 1-	6ACWC	0	0	584	157	3	0	0	0.00	5.42	0
CO21765	CO21764	6.62	45 1-	6ACWC	0	0	580	156	198	28	20	0.12	5.54	37
CO21766	CO21765	6.82	43 1-	6ACWC	0	0	559	154	189	27	19	0.25	5.79	76
CO21767	CO21766	6.89	42 1-	6ACWC	0	0	553	154	181	26	19	0.08	5.86	24
CO21768	CO21767	6.96	41 1-	6ACWC	0	0	546	153	177	25	18	0.08	5.94	23
CO21769	CO21768	6.98	40 1-	6ACWC	0	0	544	153	167	24	17	0.02	5.97	7
CO21770	CO21769	7.06	39 1-	6ACWC	0	0	536	152	158	22	16	0.08	6.05	21

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21771	CO21770	7.27	38 1-	6ACWC	0	0	517	150	157	22	16	0.21	6.26	55
CO21772	CO21771	7.33	37 1-	6ACWC	0	0	512	150	150	21	16	0.06	6.32	14
CO21773	CO21772	7.43	36 1-	6ACWC	0	0	504	149	145	20	15	0.09	6.41	22
CO21651	CO21773	7.50	1 1-	6ACWC	0	0	497	148	3	0	0	0.00	6.41	0
CO21650	CO21773	7.62	0 1-	6ACWC	0	0	488	147	0	0	0	0.00	6.41	0
CO30541	CO21773	7.56	35 1-	6ACWC	0	0	493	148	142	20	15	0.12	6.53	29
CO21194	CO30541	7.65	29 1-	6ACWC	0	0	485	147	128	18	13	0.08	6.61	17
CO21351	CO21194	7.66	28 1-	6ACWC	0	0	485	147	126	18	13	0.01	6.62	0
OC639	CO21351	7.66	28 1-	25 H OCR	0	0	485	147	126	18	73	0.00	6.62	0
CO21352	OC639	7.78	28 1-	6ACWC	0	0	475	146	126	18	13	0.10	6.72	21
CO21275	CO21352	7.93	28 1-	6ACWC	0	0	464	145	126	18	13	0.12	6.84	25
CO21221	CO21275	8.01	1 1-	6ACWC	0	0	458	144	1	0	0	0.00	6.84	0
CO21200	CO21275	8.07	26 1-	6ACWC	0	0	454	144	120	17	12	0.11	6.95	23
CO21217	CO21200	8.11	1 1-	6ACWC	0	0	450	143	9	1	1	0.00	6.96	0
CO21280	CO21200	8.08	25 1-	6ACWC	0	0	453	144	111	16	12	0.01	6.96	0
CO21279	CO21280	8.13	24 1-	6ACWC	0	0	449	143	103	14	11	0.03	7.00	6
CO21283	CO21279	8.15	24 1-	6ACWC	0	0	448	143	103	14	11	0.01	7.01	2
CO21281	CO21283	8.20	22 1-	6ACWC	0	0	445	143	93	13	10	0.03	7.04	4
CO21282	CO21281	8.26	21 1-	6ACWC	0	0	440	142	86	12	9	0.04	7.07	5
CO21322	CO21282	8.33	4 1-	6ACWC	0	0	436	142	19	2	2	0.01	7.08	0
CO21321	CO21322	8.38	3 1-	6ACWC	0	0	432	141	17	2	2	0.01	7.09	0
CO-955322299	CO21321	8.42	1 1-	2ACSR	0	0	430	141	13	1	1	0.00	7.09	0
CO21286	CO21282	8.36	16 1-	6ACWC	0	0	433	142	65	9	7	0.04	7.11	4
CO21284	CO21286	8.44	15 1-	6ACWC	0	0	428	141	55	8	6	0.03	7.14	2
CO-1500343273	CO21284	8.50	0 1-	2ACSR	0	0	425	141	0	0	0	0.00	7.14	0
CO21285	CO21284	8.57	14 1-	6ACWC	0	0	420	140	47	6	5	0.04	7.18	3
CO21288	CO21285	8.76	12 1-	6ACWC	0	0	409	139	44	6	5	0.05	7.23	4
CO21287	CO21288	8.83	12 1-	6ACWC	0	0	404	138	44	6	5	0.02	7.26	0
CO21330	CO21287	8.89	1 1-	6ACWC	0	0	401	138	12	1	1	0.00	7.26	0
CO21329	CO21330	8.94	1 1-	6ACWC	0	0	398	137	12	1	1	0.00	7.26	0
CO21289	CO21287	8.85	1 1-	6ACWC	0	0	403	138	0	0	0	0.00	7.26	0
CO21291	CO21289	9.32	1 1-	6ACWC	0	0	377	135	0	0	0	0.00	7.26	0
CO21290	CO21291	9.38	1 1-	6ACWC	0	0	374	134	0	0	0	0.00	7.26	0
CO21218	CO21290	9.44	1 1-	6ACWC	0	0	371	134	0	0	0	0.00	7.26	0
CO21328	CO21218	9.55	1 1-	6ACWC	0	0	366	133	0	0	0	0.00	7.26	0
CO21323	CO21328	9.65	1 1-	6ACWC	0	0	361	132	0	0	0	0.00	7.26	0
CO21327	CO21323	9.70	1 1-	6ACWC	0	0	359	132	0	0	0	0.00	7.26	0
CO21324	CO21327	9.75	1 1-	6ACWC	0	0	356	132	0	0	0	0.00	7.26	0
CO21326	CO21324	9.82	1 1-	6ACWC	0	0	353	131	0	0	0	0.00	7.26	0
CO21325	CO21326	9.87	1 1-	6ACWC	0	0	351	131	0	0	0	0.00	7.26	0
CO21195	CO21287	8.90	10 1-	6ACWC	0	0	400	137	32	4	3	0.02	7.27	0
CO-706580733	CO21195	9.08	9 1-	2ACSR	0	0	392	137	29	4	2	0.02	7.30	0
CO937351556	CO-706580733	9.12	1 1-	2ACSR	0	0	390	136	0	0	0	0.00	7.30	0
CO-2120450629	CO-706580733	9.17	8 1-	2ACSR	0	0	388	136	29	4	2	0.01	7.31	0
CO1389486039	CO-2120450629	9.42	8 1-	2ACSR	0	0	378	135	29	4	2	0.03	7.34	0
CO21299	CO1389486039	9.55	5 1-	6ACWC	0	0	371	134	18	2	2	0.01	7.36	0
CO21292	CO21299	9.69	4 1-	6ACWC	0	0	364	133	16	2	2	0.01	7.37	0
CO21298	CO21292	9.81	3 1-	6ACWC	0	0	358	132	12	1	1	0.01	7.38	0
CO21293	CO21298	9.83	2 1-	6ACWC	0	0	357	132	2	0	0	0.00	7.38	0
CO21297	CO21293	9.85	1 1-	6ACWC	0	0	357	132	2	0	0	0.00	7.38	0
CO21294	CO21297	9.92	1 1-	6ACWC	0	0	353	131	2	0	0	0.00	7.38	0
CO21296	CO21294	10.14	1 1-	6ACWC	0	0	343	130	2	0	0	0.00	7.38	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21295	CO21296	10.21	1 1-	6ACWC	0	0	340	130	2	0	0	0.00	7.38	0
CO21331	CO1389486039	9.54	3 1-	6ACWC	0	0	371	134	12	1	1	0.01	7.35	0
CO21223	CO21331	9.59	1 1-	4/0ACSR	0	0	370	134	1	0	0	0.00	7.35	0
CO21333	CO21331	9.61	2 1-	6ACWC	0	0	368	134	11	1	1	0.00	7.36	0
CO21332	CO21333	9.68	1 1-	6ACWC	0	0	364	133	7	1	1	0.00	7.36	0
CO21196	CO21195	8.97	1 1-	6ACWC	0	0	396	137	2	0	0	0.00	7.27	0
CO21220	CO21196	9.06	1 1-	6ACWC	0	0	391	136	2	0	0	0.00	7.27	0
CO21219	CO21196	9.02	0 1-	6ACWC	0	0	393	137	0	0	0	0.00	7.27	0
CO21276	CO21200	8.41	0 1-	6ACWC	0	0	430	141	0	0	0	0.00	6.95	0
CO21278	CO21276	8.72	0 1-	6ACWC	0	0	411	139	0	0	0	0.00	6.95	0
CO21277	CO21278	9.04	0 1-	6ACWC	0	0	392	136	0	0	0	0.00	6.95	0
CO21216	CO21194	7.73	1 1-	6ACWC	0	0	479	147	2	0	0	0.00	6.61	0
CO21198	CO30541	7.76	6 1-	6ACWC	0	0	476	146	14	2	1	0.02	6.55	0
CO21353	CO21198	8.00	1 1-	6ACWC	0	0	458	144	0	0	0	0.00	6.55	0
CO23745	CO21353	8.16	1 1-	6ACWC	0	0	447	143	0	0	0	0.00	6.55	0
CO21199	CO21198	7.86	5 1-	6ACWC	0	0	469	145	14	2	1	0.01	6.56	0
CO30556	CO21199	7.97	2 1-	6ACWC	0	0	461	145	11	1	1	0.01	6.57	0
CO21334	CO30556	7.98	1 1-	6ACWC	0	0	460	145	8	1	1	0.00	6.57	0
CO21222	CO21199	7.91	1 1-	6ACWC	0	0	465	145	0	0	0	0.00	6.56	0
CO21336	CO21199	8.05	2 1-	6ACWC	0	0	455	144	3	0	0	0.00	6.56	0
CO21335	CO21336	8.16	1 1-	6ACWC	0	0	447	143	1	0	0	0.00	6.56	0
CO21658	CO21763	6.59	1 1-	6ACWC	0	0	584	157	10	1	1	0.00	5.39	0
CO21648	CO21762	6.37	2 1-	6ACWC	0	0	607	159	5	0	0	0.00	4.94	0
CO-404456751	CO-737095448	6.20	1 1-	2ACSR	0	0	628	160	5	0	0	0.00	4.78	0
CO21774	CO21761	6.07	76 3-	1/0ACSR	742	707	643	162	438	20	9	0.02	4.71	13
CO21775	CO21774	6.10	75 3-	1/0ACSR	739	704	640	161	433	20	9	0.01	4.72	7
CO21776	CO21775	6.11	74 3-	1/0ACSR	738	703	638	161	432	20	9	0.01	4.72	5
CO21777	CO21776	6.18	71 3-	1/0ACSR	732	697	632	161	422	20	9	0.03	4.75	16
CO21778	CO21777	6.22	71 3-	1/0ACSR	730	694	630	161	422	20	9	0.01	4.76	7
CO21779	CO21778	6.43	70 3-	1/0ACSR	713	676	611	160	422	20	9	0.08	4.84	50
CO21604	CO21779	6.45	65 3-	1/0ACSR	711	675	610	160	410	19	8	0.01	4.85	4
CO21584	CO21604	6.74	65 3-	1/0ACSR	690	653	587	158	410	19	8	0.10	4.95	62
CO21585	CO21584	6.83	63 3-	1/0ACSR	684	646	580	158	405	19	8	0.03	4.98	20
CO21609	CO21585	6.91	1 1-	4ACSR	0	0	572	157	0	0	0	0.00	4.98	0
OC561847537	CO21609	6.91	0 1-	15 N FUSE	0	0	572	157	0	0	0	0.00	4.98	0
CO21586	CO21585	6.92	62 3-	1/0ACSR	677	639	573	157	404	19	8	0.03	5.01	20
CO21587	CO21586	7.25	59 3-	1/0ACSR	655	616	550	156	395	18	8	0.11	5.12	67
CO21784	CO21587	7.30	3 2-	1/0ACSR	0	613	547	156	23	1	1	0.00	5.13	0
CO21627	CO21784	7.36	1 1-	4ACSR	0	0	541	155	23	3	2	0.00	5.13	0
CO21785	CO21784	7.35	2 2-	1/0ACSR	0	609	544	155	0	0	0	0.00	5.13	0
OC-1328186315	CO21785	7.35	1 2-	15 N FUSE	0	609	544	155	0	0	0	0.00	5.13	0
CO21628	OC-1328186315	7.40	1 2-	4ACSR	0	604	539	155	0	0	0	0.00	5.13	0
CO21786	CO21587	7.32	56 3-	1/0ACSR	650	611	545	155	372	17	8	0.02	5.15	12
CO21787	CO21786	7.37	56 3-	1/0ACSR	647	608	542	155	372	17	8	0.02	5.16	9
CO21629	CO21787	7.42	1 1-	4ACSR	0	0	538	155	6	0	1	0.00	5.16	0
OC-1340754495	CO21629	7.42	0 1-	15 N FUSE	0	0	538	155	0	0	0	0.00	5.16	0
CO21788	CO21787	7.42	55 3-	1/0ACSR	644	605	539	155	365	17	8	0.01	5.18	8
CO21789	CO21788	7.44	51 3-	1/0ACSR	643	603	538	155	356	16	7	0.01	5.18	3
CO21637	CO21789	7.47	12 1-	4ACSR	0	0	534	155	56	8	6	0.01	5.19	0
OC2085208967	CO21637	7.47	10 1-	15 N FUSE	0	0	534	155	45	6	43	0.00	5.19	0
CO21790	OC2085208967	7.50	10 1-	2ACSR	0	0	532	154	45	6	4	0.01	5.20	0
CO21791	CO21790	7.56	10 1-	2ACSR	0	0	528	154	45	6	4	0.01	5.21	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21792	CO21791	7.57	8 1-	2ACSR	0	0	527	154	35	5	3	0.00	5.21	0
CO21793	CO21792	7.62	5 1-	2ACSR	0	0	524	154	24	3	2	0.01	5.22	0
CO21794	CO21793	7.64	4 1-	2ACSR	0	0	523	154	21	3	2	0.00	5.22	0
CO21634	CO21794	7.71	2 1-	4ACSR	0	0	516	153	10	1	1	0.00	5.22	0
CO21795	CO21794	7.69	2 1-	4ACSR	0	0	518	153	11	1	1	0.00	5.22	0
CO21796	CO21795	7.77	2 1-	4ACSR	0	0	511	152	11	1	1	0.01	5.23	0
CO21797	CO21796	7.81	2 1-	4ACSR	0	0	508	152	11	1	1	0.00	5.23	0
CO21798	CO21797	8.01	2 1-	4ACSR	0	0	492	150	11	1	1	0.01	5.25	0
CO21799	CO21798	8.06	2 1-	4ACSR	0	0	488	150	11	1	1	0.00	5.25	0
CO21800	CO21799	8.16	1 1-	4ACSR	0	0	480	149	11	1	1	0.00	5.25	0
CO21801	CO21789	7.63	39 3-	1/0ACSR	631	591	525	154	300	14	6	0.05	5.23	22
CO-801342664	CO21801	7.66	0 1-	2ACSR	0	0	523	154	0	0	0	0.00	5.23	0
CO21802	CO21801	7.69	37 3-	1/0ACSR	627	587	522	154	286	13	6	0.01	5.25	6
CO21588	CO21802	7.74	34 3-	1/0ACSR	624	584	519	154	283	13	6	0.01	5.26	5
CO21612	CO21588	7.79	2 1-	4ACSR	0	0	515	153	10	1	1	0.00	5.26	0
OC625854964	CO21612	7.79	0 1-	15 N FUSE	0	0	515	153	0	0	0	0.00	5.26	0
CO21803	CO21588	7.76	32 3-	1/0ACSR	623	583	518	153	273	13	6	0.00	5.26	0
CO21805	CO21803	7.80	31 3-	1/0ACSR	621	581	515	153	270	12	6	0.01	5.27	4
CO21807	CO21805	7.84	4 1-	2ACSR	0	0	512	153	8	1	1	0.00	5.27	0
OC44002331	CO21807	7.84	2 1-	15 N FUSE	0	0	512	153	0	0	0	0.00	5.27	0
CO915297609	OC44002331	7.86	1 1-	2ACSR	0	0	511	153	0	0	0	0.00	5.27	0
CO21808	OC44002331	7.91	1 1-	2ACSR	0	0	508	153	0	0	0	0.00	5.27	0
CO21806	CO21805	7.81	27 3-	1/0ACSR	620	580	515	153	262	12	5	0.00	5.27	0
CO21804	CO21806	7.85	25 3-	1/0ACSR	617	578	512	153	245	11	5	0.01	5.28	3
CO21589	CO21804	7.95	15 3-	1/0ACSR	612	573	507	153	195	9	4	0.02	5.30	5
CO21930	CO21589	7.95	13 1-	4ACSR	0	0	506	153	52	7	5	0.00	5.30	0
OC649	CO21930	7.95	13 1-	10 N FUSE	0	0	506	153	52	7	74	0.00	5.30	0
CO21931	OC649	8.00	13 1-	4ACSR	0	0	503	152	52	7	5	0.01	5.31	0
CO21817	CO21931	8.05	11 1-	4ACSR	0	0	498	152	47	6	5	0.02	5.33	0
CO21818	CO21817	8.34	11 1-	4ACSR	0	0	476	149	47	6	5	0.09	5.42	7
CO21597	CO21818	8.41	9 1-	4ACSR	0	0	471	149	29	4	3	0.01	5.43	0
CO21821	CO21597	8.48	7 1-	4/0ACSR	0	0	468	148	27	3	1	0.00	5.44	0
CO21822	CO21821	8.59	5 1-	4/0ACSR	0	0	464	148	23	3	1	0.00	5.44	0
CO21823	CO21822	8.65	4 1-	4/0ACSR	0	0	461	148	11	1	0	0.00	5.44	0
CO-942639537	CO21823	8.82	1 1-	2ACSR	0	0	452	147	7	1	1	0.00	5.45	0
CO21824	CO21823	8.78	2 1-	4/0ACSR	0	0	457	148	1	0	0	0.00	5.44	0
CO21635	CO21597	8.45	2 1-	4/0ACSR	0	0	469	148	3	0	0	0.00	5.43	0
CO21819	CO21818	8.36	2 1-	4/0ACSR	0	0	475	149	17	2	1	0.00	5.42	0
CO21820	CO21819	8.43	1 1-	4/0ACSR	0	0	473	149	9	1	0	0.00	5.42	0
CO21596	CO21589	8.09	2 3-	1/0ACSR	603	565	498	152	143	6	3	0.02	5.32	4
CO21630	CO21596	8.14	1 3-	4ACSR	600	562	495	152	130	6	4	0.01	5.32	0
CO21825	CO21596	8.14	1 1-	1/0ACSR	0	0	496	152	13	1	1	0.00	5.32	0
OC-1936152119	CO21825	8.14	1 1-	15 N FUSE	0	0	496	152	13	1	12	0.00	5.32	0
CO21826	OC-1936152119	8.18	1 1-	1/0ACSR	0	0	494	152	13	1	1	0.00	5.32	0
CO21933	CO21596	8.10	0 3-	1/0ACSR	603	565	498	152	0	0	0	0.00	5.32	0
SW657-A	CO21933	8.10	0 3-	Open	603	565	498	152	0	0	0	0.00	5.32	0
CO21928	CO21804	7.86	10 1-	4ACSR	0	0	512	153	51	7	5	0.00	5.28	0
OC650	CO21928	7.86	10 1-	10 N FUSE	0	0	512	153	51	7	72	0.00	5.28	0
CO21929	OC650	7.97	10 1-	4ACSR	0	0	503	152	51	7	5	0.03	5.32	3
CO21809	CO21929	8.04	8 1-	4ACSR	0	0	497	151	46	6	5	0.02	5.34	0
CO21613	CO21809	8.13	1 1-	4ACSR	0	0	490	151	0	0	0	0.00	5.34	0
CO21810	CO21809	8.07	6 1-	4ACSR	0	0	494	151	41	5	4	0.01	5.35	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21811	CO21810	8.13	5 1-	4ACSR	0	0	490	151	36	5	4	0.01	5.36	0
CO21812	CO21811	8.16	5 1-	4ACSR	0	0	487	150	36	5	4	0.01	5.37	0
CO21813	CO21812	8.20	5 1-	4ACSR	0	0	485	150	36	5	4	0.01	5.38	0
CO21814	CO21813	8.27	3 1-	4ACSR	0	0	480	149	28	4	3	0.01	5.39	0
CO21815	CO21814	8.34	1 1-	4ACSR	0	0	474	149	10	1	1	0.00	5.39	0
CO21816	CO21815	8.38	0 1-	4ACSR	0	0	471	148	0	0	0	0.00	5.39	0
CO21611	CO21802	7.73	3 1-	4ACSR	0	0	518	153	3	0	0	0.00	5.25	0
OC973916398	CO21611	7.73	0 1-	15 N FUSE	0	0	518	153	0	0	0	0.00	5.25	0
CO21610	CO21586	7.04	2 1-	4ACSR	0	0	562	156	8	1	1	0.00	5.01	0
OC47851699	CO21610	7.04	0 1-	10 N FUSE	0	0	562	156	0	0	0	0.00	5.01	0
CO21782	CO21584	6.84	2 1-	4ACSR	0	0	576	157	5	0	0	0.00	4.95	0
OC-107442683	CO21782	6.84	2 1-	15 N FUSE	0	0	576	157	5	0	5	0.00	4.95	0
CO21783	OC-107442683	7.02	1 1-	4ACSR	0	0	559	156	0	0	0	0.00	4.95	0
CO21662	OC-107442683	6.89	1 1-	2ACSR	0	0	572	157	5	0	0	0.00	4.95	0
CO21926	CO21779	6.44	4 1-	4ACSR	0	0	610	160	11	1	1	0.00	4.84	0
OC651	CO21926	6.44	4 1-	10 N FUSE	0	0	610	160	11	1	16	0.00	4.84	0
CO21927	OC651	6.47	4 1-	4ACSR	0	0	608	159	11	1	1	0.00	4.84	0
CO21780	CO21927	6.48	4 1-	4ACSR	0	0	606	159	11	1	1	0.00	4.84	0
CO21781	CO21780	6.56	3 1-	4ACSR	0	0	597	158	8	1	1	0.00	4.85	0
CO21608	CO21781	6.70	1 1-	4ACSR	0	0	583	157	6	0	1	0.00	4.85	0
CO21607	CO21781	6.65	1 1-	4ACSR	0	0	588	158	0	0	0	0.00	4.85	0
CO21606	CO21781	6.62	1 1-	4ACSR	0	0	591	158	2	0	0	0.00	4.85	0
CO21652	CO21606	6.64	1 1-	4ACSR	0	0	589	158	2	0	0	0.00	4.85	0
CO21752	CO21735	5.79	9 1-	4ACSR	0	0	667	163	57	8	6	0.02	4.53	0
OC-1224035283	CO21752	5.79	6 1-	15 N FUSE	0	0	667	163	35	4	33	0.00	4.53	0
CO21753	OC-1224035283	5.93	6 1-	4ACSR	0	0	649	161	35	4	4	0.03	4.56	0
CO21756	CO21753	5.98	5 1-	4ACSR	0	0	643	161	27	3	3	0.01	4.57	0
CO21754	CO21756	6.04	2 1-	2ACSR	0	0	637	160	8	1	1	0.00	4.57	0
CO1285886472	CO21754	6.09	1 1-	2ACSR	0	0	631	160	3	0	0	0.00	4.57	0
CO21757	CO21756	6.02	3 1-	4ACSR	0	0	637	160	19	2	2	0.00	4.58	0
CO21755	CO21757	6.04	2 1-	4ACSR	0	0	635	160	6	0	1	0.00	4.58	0
CO21736	CO21735	5.83	20 1-	4ACSR	0	0	661	162	81	11	8	0.05	4.57	7
OC1345921433	CO21736	5.83	19 1-	15 N FUSE	0	0	661	162	77	10	73	0.00	4.57	0
CO21737	OC1345921433	5.84	19 1-	4ACSR	0	0	660	162	77	10	8	0.01	4.58	0
CO21645	CO21737	5.94	1 1-	4ACSR	0	0	648	161	4	0	0	0.00	4.58	0
CO21744	CO21737	5.90	5 1-	4ACSR	0	0	653	161	5	0	1	0.00	4.58	0
CO21745	CO21744	5.92	5 1-	4ACSR	0	0	650	161	5	0	1	0.00	4.58	0
CO21746	CO21745	6.03	3 1-	4ACSR	0	0	636	160	1	0	0	0.00	4.58	0
CO21747	CO21746	6.06	3 1-	4ACSR	0	0	633	160	1	0	0	0.00	4.58	0
CO21748	CO21747	6.07	1 1-	4ACSR	0	0	631	160	1	0	0	0.00	4.58	0
CO21749	CO21748	6.24	1 1-	4ACSR	0	0	611	158	1	0	0	0.00	4.58	0
CO21750	CO21749	6.31	1 1-	4ACSR	0	0	604	158	1	0	0	0.00	4.58	0
CO21751	CO21750	6.34	1 1-	4ACSR	0	0	600	157	1	0	0	0.00	4.58	0
CO21738	CO21737	5.86	13 1-	4ACSR	0	0	658	162	68	9	7	0.01	4.58	0
CO21739	CO21738	5.88	12 1-	4ACSR	0	0	656	162	61	8	6	0.01	4.59	0
CO21740	CO21739	5.89	10 1-	4ACSR	0	0	653	162	48	6	5	0.00	4.59	0
CO21741	CO21740	5.92	6 1-	4ACSR	0	0	651	161	31	4	3	0.00	4.60	0
CO21742	CO21741	6.00	5 1-	4ACSR	0	0	640	160	26	3	3	0.01	4.61	0
CO21743	CO21742	6.05	3 1-	4ACSR	0	0	634	160	21	2	2	0.00	4.61	0
CO21644	CO21602	5.55	2 1-	4ACSR	0	0	690	164	13	1	1	0.00	4.32	0
OC-585143829	CO21644	5.55	0 1-	15 N FUSE	0	0	690	164	0	0	0	0.00	4.32	0
CO21727	CO21601	5.46	1 1-	4ACSR	0	0	698	164	0	0	0	0.00	4.23	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
OC-1347325923	CO21727	5.46	1 1-	15 N FUSE	0	0	698	164	0	0	0	0.00	4.23	0	
	CO21728	OC-1347325923	5.52	1 1-	4ACSR	0	0	690	163	0	0	0.00	4.23	0	
	CO21725	CO21724	5.29	1 1-	1/0ACSR	0	0	721	165	12	1	1	0.00	4.16	0
OC1693438067	CO21725	5.29	0 1-	15 N FUSE	0	0	721	165	0	0	0	0.00	4.16	0	
	CO21726	OC1693438067	5.50	0 1-	1/0ACSR	0	0	698	164	0	0	0.00	4.16	0	
	CO21693	CO21600	4.84	2 1-	4ACSR	0	0	773	168	14	1	1	0.00	3.74	0
OC-604782552	CO21693	4.84	1 1-	15 N FUSE	0	0	773	168	11	1	10	0.00	3.74	0	
	CO21694	OC-604782552	4.91	0 1-	4ACSR	0	0	761	167	0	0	0	0.00	3.74	0
	CO21695	CO21694	5.01	0 1-	4ACSR	0	0	744	166	0	0	0	0.00	3.74	0
	CO21656	OC-604782552	4.91	1 1-	4ACSR	0	0	761	167	11	1	1	0.00	3.74	0
	CO21641	CO21692	4.81	1 1-	4ACSR	0	0	777	168	6	0	1	0.00	3.72	0
OC-932696693	CO21641	4.81	0 1-	15 N FUSE	0	0	777	168	0	0	0	0.00	3.72	0	
	CO21674	CO21673	4.44	4 1-	4ACSR	0	0	824	169	24	3	2	0.01	3.35	0
OC317149101	CO21674	4.44	3 1-	15 N FUSE	0	0	824	169	23	3	21	0.00	3.35	0	
	CO21675	OC317149101	4.51	3 1-	4ACSR	0	0	813	169	23	3	2	0.01	3.36	0
	CO21640	CO21675	4.61	1 1-	4ACSR	0	0	795	168	15	2	1	0.00	3.36	0
	CO21676	CO21675	4.54	2 1-	4ACSR	0	0	806	168	8	1	1	0.00	3.36	0
	CO30558	CO21676	4.64	1 1-	4ACSR	0	0	790	167	6	0	1	0.00	3.36	0
	CO21677	CO30558	4.67	1 1-	4ACSR	0	0	784	167	6	0	1	0.00	3.36	0
	CO21639	CO21599	4.34	1 1-	4ACSR	0	0	840	170	0	0	0	0.00	3.27	0
OC1361696432	CO21639	4.34	0 1-	15 N FUSE	0	0	840	170	0	0	0	0.00	3.27	0	
	CO22737	CO22559	3.73	15 1-	1/0ACSR	0	0	937	174	81	11	5	0.00	2.69	0
	OC685	CO22737	3.73	15 1-	10 N FUSE	0	0	937	174	81	11	114	0.00	2.69	0
	CO22738	OC685	3.75	15 1-	1/0ACSR	0	0	934	174	81	11	5	0.00	2.70	0
	CO22637	CO22738	3.80	15 1-	1/0ACSR	0	0	926	173	81	11	5	0.01	2.71	0
	CO22638	CO22637	3.82	13 1-	1/0ACSR	0	0	922	173	74	10	4	0.01	2.72	0
CO-849264697	CO22638	3.91	0 1-	2ACSR	0	0	906	172	0	0	0	0.00	2.72	0	
CO-706108249	CO-849264697	4.08	0 1-	2ACSR	0	0	876	171	0	0	0	0.00	2.72	0	
	CO22639	CO22638	3.85	13 1-	1/0ACSR	0	0	918	173	74	10	4	0.01	2.72	0
	CO22640	CO22639	4.07	12 1-	1/0ACSR	0	0	882	172	71	9	4	0.05	2.77	5
	CO22593	CO22640	4.12	3 1-	4/0ACSR	0	0	876	172	17	2	1	0.00	2.78	0
	CO22641	CO22640	4.25	9 1-	4/0ACSR	0	0	859	171	54	7	2	0.02	2.79	0
	CO22642	CO22641	4.34	9 1-	4/0ACSR	0	0	848	171	54	7	2	0.01	2.80	0
	CO22644	CO22642	4.38	1 1-	1/0PRIURD	0	0	842	392	11	1	1	0.00	2.80	0
	CO22643	CO22642	4.43	8 1-	4/0ACSR	0	0	837	171	44	6	2	0.01	2.81	0
	CO22645	CO22643	4.52	8 1-	4/0ACSR	0	0	826	170	44	6	2	0.01	2.82	0
	CO22647	CO22645	4.64	4 1-	4/0ACSR	0	0	812	170	25	3	1	0.01	2.83	0
	CO22648	CO22647	4.71	3 1-	4/0ACSR	0	0	804	170	21	2	1	0.00	2.83	0
	CO30543	CO22648	4.76	3 1-	1/0ACSR	0	0	797	169	21	2	1	0.00	2.83	0
	CO23703	CO30543	4.82	1 1-	2ACSR	0	0	789	169	3	0	0	0.00	2.83	0
	CO21659	CO30543	4.84	1 1-	2ACSR	0	0	786	169	8	1	1	0.00	2.83	0
	CO21638	CO30543	4.80	1 1-	1/0ACSR	0	0	792	169	11	1	1	0.00	2.83	0
	CO22646	CO22645	4.60	3 1-	2ACSR	0	0	814	170	17	2	1	0.00	2.82	0
	CO23704	CO22646	4.69	2 1-	2ACSR	0	0	801	169	9	1	1	0.00	2.83	0
	CO20844+	CO20840	3.15	2 1-	4/0ACSR	0	0	1559	334	7	0	0	0.00	0.99	0
OC-2064140116+	CO20844	3.15	1 1-	15 N FUSE	0	0	1559	334	0	0	0	0.00	0.99	0	
CO-1585024422+	OC-2064140116	3.28	1 1-	2ACSR	0	0	1522	332	0	0	0	0.00	0.99	0	
CO-548982232+	CO-1585024422	3.43	1 1-	2ACSR	0	0	1480	330	0	0	0	0.00	0.99	0	
CO-1979360875+	CO-548982232	3.52	1 1-	2ACSR	0	0	1456	329	0	0	0	0.00	0.99	0	
CO1744720978+	CO-1979360875	3.60	1 1-	2ACSR	0	0	1436	327	0	0	0	0.00	0.99	0	
	CO20832+	CO20838	2.95	1 1-	4/0ACSR	0	0	1602	335	10	0	0	0.00	0.94	0
OC-574728957+	CO20832	2.95	0 1-	15 N FUSE	0	0	1602	335	0	0	0	0.00	0.94	0	

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20831+	CO23706	2.64	0 1-	4/0ACSR	0	0	1676	337	0	0	0	0.00	0.84	0
OC-172505075+	CO20831	2.64	0 1-	15 N FUSE	0	0	1676	337	0	0	0	0.00	0.84	0
CO20255+	CO20235	2.24	3 1-	4/0ACSR	0	0	1782	340	21	1	0	0.00	0.73	0
OC132119179+	CO20255	2.24	0 1-	15 N FUSE	0	0	1782	340	0	0	0	0.00	0.73	0
CO20406+	CO20402	2.16	6 1-	4/0ACSR	0	0	1807	340	18	1	0	0.00	0.70	0
OC940042315+	CO20406	2.16	6 1-	15 N FUSE	0	0	1807	340	18	1	8	0.00	0.70	0
CO20407+	OC940042315	2.19	6 1-	4/0ACSR	0	0	1796	340	18	1	0	0.00	0.71	0
CO20405+	CO20407	2.20	1 1-	4/0ACSR	0	0	1794	340	5	0	0	0.00	0.71	0
CO20404+	CO20405	2.22	1 1-	4/0ACSR	0	0	1789	340	5	0	0	0.00	0.71	0
CO20403+	CO20404	2.27	1 1-	4/0ACSR	0	0	1775	339	5	0	0	0.00	0.71	0
CO20253+	CO20400	2.17	2 1-	4/0ACSR	0	0	1802	340	1	0	0	0.00	0.68	0
OC-2135655509+	CO20253	2.17	1 1-	15 N FUSE	0	0	1802	340	1	0	0	0.00	0.68	0
CO20254+	OC-2135655509	2.43	1 1-	4/0ACSR	0	0	1733	338	1	0	0	0.00	0.68	0
CO20252+	CO20234	1.94	0 1-	4/0ACSR	0	0	1871	341	0	0	0	0.00	0.62	0
OC-1540661072+	CO20252	1.94	0 1-	15 N FUSE	0	0	1871	341	0	0	0	0.00	0.62	0
CO20250+	CO20389	1.47	1 1-	4/0ACSR	0	0	2027	344	4	0	0	0.00	0.47	0
OC1760788030+	CO20250	1.47	0 1-	15 N FUSE	0	0	2027	344	0	0	0	0.00	0.47	0
CO20244+	CO20239	0.82	0 3-	4/0ACSR	2265	2302	2290	349	0	0	0	0.00	0.26	0
OC1500712599+	CO20244	0.82	0 3-	10 N FUSE	2265	2302	2290	349	0	0	0	0.00	0.26	0
CO20368+	CO20365	0.35	3 1-	4/0ACSR	0	0	2525	351	13	0	0	0.00	0.10	0
OC1156665728+	CO20368	0.35	2 1-	15 N FUSE	0	0	2525	351	9	0	4	0.00	0.10	0
CO20369+	OC1156665728	0.39	2 1-	4/0ACSR	0	0	2501	351	9	0	0	0.00	0.10	0
CO20416+	CO20413	0.02	879 3-	750 MCM - 42 Wi	2528	2708	2716	354	3494	78	7	0.00	0.01	5
Holly+	CO20416	0.02	879 3-	560 200WVE	2528	2708	2716	354	3494	78	14	0.00	0.01	0
CO20316+	Holly	0.03	879 3-	4/0ACSR	2524	2701	2710	354	3494	78	23	0.00	0.01	18
CO20317+	CO20316	0.05	879 3-	4/0ACSR	2517	2690	2698	353	3494	78	23	0.01	0.02	34
CO20318+	CO20317	0.17	879 3-	4/0ACSR	2477	2622	2629	353	3494	78	23	0.05	0.06	204
CO20319+	CO20318	0.34	879 3-	4/0ACSR	2419	2528	2533	352	3493	78	23	0.07	0.13	305
CO20320+	CO20319	0.43	879 3-	4/0ACSR	2389	2482	2484	351	3491	78	23	0.04	0.17	162
CO20263+	CO20320	0.50	2 1-	4ACSR	0	0	2431	349	7	0	0	0.00	0.17	0
CO20243+	CO20320	0.52	877 3-	4/0ACSR	2358	2436	2435	350	3483	78	23	0.04	0.20	168
CO20424+	CO20243	0.67	0 1-	4ACSR	0	0	2333	347	0	0	0	0.00	0.20	0
CO20425+	CO20424	0.67	0 1-	4ACSR	0	0	2329	347	0	0	0	0.00	0.20	0
SW620-A+	CO20425	0.67	0 1-	Open	0	0	2329	347	0	0	0	0.00	0.20	0
CO20321+	CO20243	0.60	875 3-	4/0ACSR	2334	2401	2397	350	3478	78	23	0.03	0.23	135
CO20322+	CO20321	0.70	875 3-	4/0ACSR	2302	2354	2347	349	3478	78	23	0.04	0.27	183
CO20323+	CO20322	0.80	874 3-	4/0ACSR	2273	2313	2302	349	3464	78	23	0.04	0.31	172
CO20324+	CO20323	1.19	874 3-	4/0ACSR	2160	2160	2132	346	3463	78	23	0.16	0.47	702
CO20325+	CO20324	1.37	874 3-	4/0ACSR	2112	2100	2064	345	3460	78	23	0.07	0.54	313
CO20326+	CO20325	1.73	873 3-	4/0ACSR	2022	1989	1938	343	3455	78	23	0.14	0.68	634
CO20327+	CO20326	1.87	873 3-	4/0ACSR	1990	1951	1894	342	3453	78	23	0.05	0.73	240
CO20328+	CO20327	1.98	873 3-	4/0ACSR	1964	1920	1859	341	3451	78	23	0.04	0.78	197
CO20329+	CO20328	2.07	873 3-	4/0ACSR	1943	1895	1831	341	3450	78	23	0.04	0.81	167
CO23750+	CO20329	2.27	873 3-	4/0ACSR	1901	1847	1776	339	3450	78	23	0.08	0.89	340
CO20026+	CO23750	2.36	873 3-	4/0ACSR	1881	1824	1749	339	3448	78	23	0.04	0.93	170
CO19975+	CO20026	2.44	0 1-	4ACSR	0	0	1718	337	0	0	0	0.00	0.93	0
CO19958+	CO20026	2.52	873 3-	4/0ACSR	1848	1787	1707	338	3447	78	23	0.06	0.99	283
CO19959+	CO19958	2.60	869 3-	4/0ACSR	1833	1769	1689	337	3444	78	23	0.03	1.02	126
CO19977+	CO19959	2.71	1 1-	4ACSR	0	0	1645	335	0	0	0	0.00	1.02	0
CO19976+	CO19959	2.72	1 1-	4ACSR	0	0	1642	335	5	0	0	0.00	1.02	0
CO19960+	CO19959	3.18	867 3-	4/0ACSR	1724	1651	1553	334	3439	78	23	0.23	1.24	1022

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20011+	CO19960	3.50	863 3-	4/0ACSR	1669	1593	1487	332	3425	77	23	0.12	1.37	558
CO20012+	CO20011	3.61	863 3-	4/0ACSR	1651	1574	1466	331	3422	77	23	0.04	1.41	189
CO20073+	CO20012	3.69	863 3-	4/0ACSR	1638	1560	1451	331	3422	77	23	0.03	1.44	142
CO20074+	CO20073	3.72	861 3-	4/0ACSR	1632	1555	1444	330	3415	77	23	0.01	1.45	59
CO20013+	CO20074	3.77	856 3-	4/0ACSR	1624	1546	1434	330	3398	77	23	0.02	1.47	93
CO20014+	CO20013	3.84	856 3-	4/0ACSR	1613	1534	1422	330	3397	77	23	0.03	1.50	120
CO19961+	CO20014	4.03	854 3-	4/0ACSR	1584	1504	1389	328	3391	77	23	0.07	1.57	316
CO20104+	CO19961	4.04	2 1-	2ACSR	0	0	1387	328	3	0	0	0.00	1.57	0
OC608+	CO20104	4.04	2 1-	10 N FUSE	0	0	1387	328	3	0	2	0.00	1.57	0
CO20105+	OC608	4.41	2 1-	2ACSR	0	0	1304	323	3	0	0	0.00	1.57	0
CO20017+	CO20105	4.47	2 1-	2ACSR	0	0	1290	322	3	0	0	0.00	1.57	0
CO20018+	CO20017	4.52	2 1-	2ACSR	0	0	1280	322	3	0	0	0.00	1.57	0
CO20019+	CO20018	4.64	1 1-	2ACSR	0	0	1256	320	1	0	0	0.00	1.57	0
CO20020+	CO20019	4.83	1 1-	2ACSR	0	0	1219	317	1	0	0	0.00	1.57	0
CO19979+	CO19961	4.11	0 1-	4ACSR	0	0	1368	327	0	0	0	0.00	1.57	0
CO20015+	CO19961	4.15	851 3-	4/0ACSR	1567	1486	1369	328	3374	76	23	0.04	1.61	199
CO20016+	CO20015	4.21	850 3-	4/0ACSR	1557	1477	1358	327	3370	76	23	0.03	1.64	114
CO20102+	CO20016	4.22	3 1-	2ACSR	0	0	1356	327	8	0	0	0.00	1.64	0
OC607+	CO20102	4.22	3 1-	10 N FUSE	0	0	1356	327	8	0	5	0.00	1.64	0
CO20103+	OC607	4.28	3 1-	2ACSR	0	0	1343	326	8	0	0	0.00	1.64	0
CO20078+	CO20103	4.46	2 1-	2ACSR	0	0	1304	324	3	0	0	0.00	1.64	0
CO20076+	CO20078	4.56	2 1-	2ACSR	0	0	1284	322	3	0	0	0.00	1.64	0
CO20077+	CO20076	4.58	1 1-	2ACSR	0	0	1278	322	0	0	0	0.00	1.64	0
CO20021+	CO20077	4.75	1 1-	2ACSR	0	0	1245	320	0	0	0	0.00	1.64	0
CO20022+	CO20021	4.85	1 1-	2ACSR	0	0	1226	318	0	0	0	0.00	1.64	0
CO20023+	CO20022	5.08	1 1-	2ACSR	0	0	1183	315	0	0	0	0.00	1.64	0
CO20024+	CO20023	5.21	1 1-	2ACSR	0	0	1160	314	0	0	0	0.00	1.64	0
CO20025+	CO20024	5.27	1 1-	2ACSR	0	0	1150	313	0	0	0	0.00	1.64	0
CO19980+	CO20078	4.54	0 1-	2ACSR	0	0	1288	323	0	0	0	0.00	1.64	0
CO20079+	CO20016	4.28	847 3-	4/0ACSR	1548	1468	1348	327	3362	76	23	0.02	1.66	103
CO20080+	CO20079	4.30	845 3-	4/0ACSR	1545	1465	1344	327	3353	76	22	0.01	1.67	42
CO23781+	CO20080	4.80	845 3-	4/0ACSR	1475	1395	1267	324	3353	76	22	0.19	1.86	847
CO19911+	CO23781	4.93	844 3-	4/0ACSR	1459	1378	1249	323	3347	76	22	0.05	1.91	216
CO19863+	CO19911	5.03	843 3-	4/0ACSR	1446	1365	1235	322	3346	76	22	0.04	1.95	164
CO23783+	CO19863	5.15	842 3-	4/0ACSR	1432	1351	1219	322	3345	76	22	0.04	1.99	195
CO18010+	CO23783	5.38	841 3-	4/0ACSR	1404	1323	1189	320	3341	76	22	0.09	2.08	384
CO18011+	CO18010	5.51	838 3-	4/0ACSR	1388	1308	1173	319	3321	75	22	0.05	2.12	215
CO18012+	CO18011	5.78	838 3-	4/0ACSR	1357	1276	1140	318	3320	75	22	0.10	2.23	460
CO17968+	CO18012	5.82	1 1-	4ACSR	0	0	1132	317	2	0	0	0.00	2.23	0
CO18013+	CO18012	5.93	837 3-	4/0ACSR	1341	1261	1123	317	3316	75	22	0.05	2.28	237
CO18014+	CO18013	5.99	836 3-	4/0ACSR	1335	1255	1117	316	3314	75	22	0.02	2.30	96
CO17988+	CO18014	6.00	836 3-	4/0ACSR	1333	1253	1115	316	3314	75	22	0.01	2.31	25
CO18016+	CO17988	6.08	832 3-	4/0ACSR	1324	1244	1106	316	3300	75	22	0.03	2.34	135
CO18017+	CO18016	6.42	831 3-	4/0ACSR	1289	1210	1069	314	3291	75	22	0.13	2.46	557
CO17969+	CO18017	6.51	2 1-	4ACSR	0	0	1055	312	10	0	1	0.00	2.46	0
CO18003+	CO18017	6.46	829 3-	4/0ACSR	1286	1207	1066	314	3278	75	22	0.01	2.47	49
CO18018+	CO18003	6.73	828 3-	4/0ACSR	1259	1181	1039	312	3276	75	22	0.10	2.57	439
CO18019+	CO18018	6.76	827 3-	4/0ACSR	1256	1178	1036	312	3267	74	22	0.01	2.58	50
CO17990+	CO18019	6.95	827 3-	4/0ACSR	1238	1160	1018	311	3267	74	22	0.07	2.65	305
CO18037+	CO17990	7.25	827 3-	4/0ACSR	1210	1134	990	309	3265	74	22	0.11	2.76	489
CO18028+	CO18037	7.29	825 3-	4/0ACSR	1206	1130	987	309	3256	74	22	0.02	2.78	69
CO17957+	CO18028	7.35	824 3-	4/0ACSR	1202	1125	982	308	3246	74	22	0.02	2.80	84

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18020+	CO17957	7.45	823 3-	4/0ACSR	1193	1117	974	308	3191	73	22	0.03	2.83	151
CO18021+	CO18020	7.55	822 3-	4/0ACSR	1184	1108	964	307	3181	72	21	0.04	2.87	163
CO17958+	CO18021	7.76	816 3-	4/0ACSR	1167	1092	948	306	3137	71	21	0.07	2.94	304
CO17959+	CO17958	7.83	815 3-	4/0ACSR	1161	1086	942	305	3127	71	21	0.02	2.97	107
CO17991+	CO17959	7.92	630 3-	1/0AAAC	1152	1078	933	305	2550	58	23	0.04	3.01	181
CO17992+	CO17991	8.15	630 3-	1/0AAAC	1132	1059	914	303	2549	58	23	0.11	3.12	435
CO18022+	CO17992	8.26	630 3-	1/0AAAC	1122	1050	904	302	2547	58	23	0.05	3.17	214
CO18023+	CO18022	8.36	630 3-	1/0AAAC	1114	1042	896	301	2546	58	23	0.04	3.21	183
CO18031+	CO18023	8.48	1 1-	4ACSR	0	0	881	299	7	0	0	0.00	3.22	0
CO18032+	CO18031	8.60	0 1-	4ACSR	0	0	867	296	0	0	0	0.00	3.22	0
CO17993+	CO18031	8.60	1 1-	4ACSR	0	0	868	297	7	0	0	0.00	3.22	0
CO17994+	CO17993	8.65	1 1-	4ACSR	0	0	862	296	7	0	0	0.00	3.22	0
CO18024+	CO18023	8.48	626 3-	1/0AAAC	1104	1032	887	300	2529	57	23	0.06	3.27	225
CO18025+	CO18024	8.60	625 3-	1/0AAAC	1094	1022	876	299	2523	57	22	0.06	3.33	237
CO17981+	CO18025	8.65	0 1-	4ACSR	0	0	871	298	0	0	0	0.00	3.33	0
CO18026+	CO18025	8.76	625 3-	1/0AAAC	1080	1010	864	297	2522	57	22	0.07	3.40	301
CO18027+	CO18026	9.03	625 3-	1/0AAAC	1059	990	844	295	2520	57	22	0.13	3.53	508
CO23786+	CO18027	9.21	623 3-	1/0AAAC	1045	977	831	293	2508	57	22	0.08	3.61	331
CO19879+	CO23786	9.42	622 3-	1/0AAAC	1029	962	816	292	2500	57	22	0.10	3.70	389
CO19880+	CO19879	9.59	620 3-	1/0AAAC	1017	951	804	290	2488	56	22	0.08	3.78	314
CO19871+	CO19880	9.70	0 1-	4ACSR	0	0	794	289	0	0	0	0.00	3.78	0
CO19870+	CO19880	9.66	3 1-	4ACSR	0	0	798	289	4	0	0	0.00	3.78	0
CO19864+	CO19880	9.78	617 3-	1/0AAAC	1003	938	792	289	2483	56	22	0.09	3.87	348
CO19949+	CO19864	9.79	124 3-	6ACWC	1002	937	791	289	504	12	9	0.00	3.87	0
OC599+	CO19949	9.79	124 3-	50 E OCR	1002	937	791	289	504	12	25	0.00	3.87	0
CO19950+	OC599	9.88	124 3-	6ACWC	992	929	782	287	504	12	9	0.02	3.89	19
CO19944+	CO19950	9.92	123 3-	6ACWC	987	924	778	286	498	12	9	0.01	3.90	10
CO19867+	CO19944	10.34	121 3-	6ACWC	940	884	739	280	490	12	9	0.10	4.00	86
CO-170068005+	CO19867	10.38	5 1-	2ACSR	0	0	736	279	18	1	1	0.00	4.00	0
CO795745543+	CO-170068005	10.58	4 1-	2ACSR	0	0	722	277	11	0	0	0.00	4.01	0
CO19932+	CO795745543	11.07	2 1-	4ACSR	0	0	681	270	8	0	0	0.00	4.01	0
CO19930+	CO19932	11.27	0 1-	4ACSR	0	0	666	267	0	0	0	0.00	4.01	0
CO19887+	CO19930	11.40	0 1-	4ACSR	0	0	656	265	0	0	0	0.00	4.01	0
CO19951+	CO19887	11.85	0 1-	4ACSR	0	0	624	259	0	0	0	0.00	4.01	0
CO-1022042501+	CO-170068005	10.41	1 1-	2ACSR	0	0	734	279	7	0	0	0.00	4.00	0
CO19937+	CO19867	10.38	116 3-	6ACWC	936	881	735	279	471	11	8	0.01	4.01	8
CO19938+	CO19937	10.46	115 3-	6ACWC	928	873	728	278	468	11	8	0.02	4.03	15
CO19874+	CO19938	10.52	1 1-	4ACSR	0	0	724	277	3	0	0	0.00	4.03	0
CO19881+	CO19938	10.47	114 3-	6ACWC	926	872	727	278	465	11	8	0.00	4.03	2
CO19882+	CO19881	10.63	113 3-	6ACWC	909	858	713	275	455	11	8	0.04	4.07	29
CO19875+	CO19882	10.76	2 1-	4ACSR	0	0	703	274	10	0	1	0.00	4.07	0
CO19933+	CO19882	10.71	111 3-	6ACWC	901	851	707	274	444	10	8	0.02	4.08	13
CO19934+	CO19933	10.74	110 3-	6ACWC	899	848	705	274	444	10	8	0.01	4.09	4
CO19945+	CO19934	10.74	3 1-	4ACSR	0	0	704	274	12	0	1	0.00	4.09	0
OC595+	CO19945	10.74	3 1-	10 N FUSE	0	0	704	274	12	0	9	0.00	4.09	0
CO19946+	OC595	10.78	3 1-	4ACSR	0	0	701	273	12	0	1	0.00	4.09	0
CO19888+	CO19946	10.85	1 1-	4ACSR	0	0	696	272	0	0	0	0.00	4.09	0
CO19889+	CO19888	11.00	1 1-	4ACSR	0	0	683	270	0	0	0	0.00	4.09	0
CO19890+	CO19889	11.09	1 1-	4ACSR	0	0	677	269	0	0	0	0.00	4.09	0
CO19891+	CO19890	11.12	1 1-	4ACSR	0	0	674	268	0	0	0	0.00	4.09	0
CO19935+	CO19934	10.76	107 3-	6ACWC	897	846	703	274	432	10	8	0.00	4.09	4
CO19936+	CO19935	10.86	106 3-	6ACWC	886	837	695	272	428	10	8	0.02	4.12	16

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19926+	CO19936	10.99	106 3-	6ACWC	873	826	684	270	428	10	8	0.03	4.14	21
CO19927+	CO19926	11.01	105 3-	6ACWC	871	824	682	270	426	10	8	0.00	4.15	4
CO19910+	CO19927	11.04	105 3-	6ACWC	869	822	681	270	426	10	8	0.00	4.15	3
CO19942+	CO19910	11.08	3 1-	4ACSR	0	0	678	269	15	1	1	0.00	4.15	0
CO19943+	CO19942	11.13	3 1-	4ACSR	0	0	673	268	15	1	1	0.00	4.15	0
CO19928+	CO19943	11.17	2 1-	4ACSR	0	0	670	268	7	0	0	0.00	4.15	0
CO19929+	CO19928	11.20	1 1-	4ACSR	0	0	668	267	7	0	0	0.00	4.15	0
CO19883+	CO19910	11.09	102 3-	6ACWC	864	818	676	269	411	10	7	0.01	4.16	8
CO19884+	CO19883	11.12	102 3-	6ACWC	861	815	674	268	411	10	7	0.01	4.17	5
CO19885+	CO19884	11.16	102 3-	6ACWC	857	812	671	268	411	10	7	0.01	4.18	5
CO19886+	CO19885	11.22	101 3-	6ACWC	852	807	667	267	406	10	7	0.01	4.19	8
CO19947+	CO19886	11.22	100 1-	6ACWC	0	0	666	267	395	29	21	0.00	4.19	3
OC596+	CO19947	11.22	100 1-	50 H OCR	0	0	666	267	395	29	59	0.00	4.19	0
CO19948+	OC596	11.27	100 1-	6ACWC	0	0	663	266	395	29	21	0.03	4.23	23
CO19916+	CO19948	11.31	7 1-	4ACSR	0	0	660	266	42	3	2	0.00	4.23	0
CO19917+	CO19916	11.38	5 1-	4ACSR	0	0	654	265	27	1	1	0.00	4.23	0
CO19912+	CO19917	11.43	2 1-	4ACSR	0	0	651	264	7	0	0	0.00	4.23	0
CO19913+	CO19912	11.76	2 1-	4ACSR	0	0	627	260	7	0	0	0.00	4.24	0
CO19914+	CO19913	11.79	2 1-	4ACSR	0	0	625	259	7	0	0	0.00	4.24	0
CO19915+	CO19914	11.86	1 1-	4ACSR	0	0	621	258	5	0	0	0.00	4.24	0
CO19895+	CO19915	11.95	1 1-	4ACSR	0	0	614	257	5	0	0	0.00	4.24	0
CO19896+	CO19895	12.06	1 1-	4ACSR	0	0	607	256	5	0	0	0.00	4.24	0
CO19897+	CO19896	12.25	1 1-	4ACSR	0	0	595	253	5	0	0	0.00	4.24	0
CO19924+	CO19948	11.35	93 1-	6ACWC	0	0	657	265	353	26	19	0.05	4.27	26
CO1269607117+	CO19924	11.38	92 1-	2ACSR	0	0	655	265	342	25	14	0.02	4.29	8
AU64	CO1269607117	11.38	92 1-	167 KVA 1PH AUT	0	0	536	161	342	25	219	2.61	6.90	0
CO-1256035124	AU64	11.42	92 1-	2ACSR	0	0	533	161	342	50	28	0.07	6.97	37
CO19922	CO-1256035124	11.45	92 1-	6ACWC	0	0	531	161	341	50	36	0.07	7.03	39
CO19923	CO19922	11.55	91 1-	6ACWC	0	0	524	160	336	50	36	0.23	7.26	129
CO19892	CO19923	11.72	90 1-	6ACWC	0	0	511	158	335	50	36	0.40	7.66	225
CO19893	CO19892	11.86	90 1-	6ACWC	0	0	501	157	334	50	36	0.32	7.98	182
CO19877	CO19893	11.92	1 1-	4ACSR	0	0	496	156	3	0	0	0.00	7.98	0
CO19876	CO19893	11.93	1 1-	4ACSR	0	0	496	156	2	0	0	0.00	7.98	0
CO19920	CO19893	11.91	88 1-	6ACWC	0	0	497	156	329	49	35	0.13	8.11	72
CO19921	CO19920	11.96	87 1-	6ACWC	0	0	494	156	329	49	35	0.10	8.21	55
CO19918	CO19921	11.98	86 1-	6ACWC	0	0	492	155	326	49	35	0.06	8.27	34
CO19919	CO19918	12.06	85 1-	6ACWC	0	0	487	155	326	49	35	0.18	8.44	99
CO19878	CO19919	12.19	1 1-	4ACSR	0	0	478	153	11	1	1	0.00	8.45	0
CO19866	CO19919	12.17	84 1-	6ACWC	0	0	479	154	315	47	34	0.25	8.69	134
CO19905	CO19866	12.25	2 1-	4ACSR	0	0	474	153	1	0	0	0.00	8.70	0
CO19906	CO19905	12.30	2 1-	4ACSR	0	0	471	153	1	0	0	0.00	8.70	0
CO19894	CO19866	12.25	81 1-	6ACWC	0	0	474	153	311	46	34	0.17	8.86	88
CO23751	CO19894	12.30	81 1-	6ACWC	0	0	470	152	311	46	34	0.12	8.98	63
CO20151	CO23751	12.43	78 1-	6ACWC	0	0	462	151	305	46	33	0.27	9.25	140
CO20153	CO20151	12.46	76 1-	6ACWC	0	0	460	151	291	44	32	0.06	9.32	32
CO20152	CO20153	12.59	75 1-	6ACWC	0	0	452	150	291	44	32	0.26	9.57	127
CO20148	CO20152	12.64	74 1-	6ACWC	0	0	449	150	285	43	31	0.10	9.67	49
CO20150	CO20148	12.78	73 1-	6ACWC	0	0	440	148	283	43	31	0.29	9.96	141
CO20149	CO20150	12.85	73 1-	6ACWC	0	0	436	148	282	43	31	0.13	10.10	65
CO20154	CO20149	12.93	73 1-	6ACWC	0	0	431	147	282	43	31	0.16	10.25	77
CO20155	CO20154	12.97	73 1-	6ACWC	0	0	429	147	282	43	31	0.09	10.34	43
CO20178	CO20155	13.08	72 1-	6ACWC	0	0	423	146	279	42	30	0.21	10.55	100

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20179	CO20178	13.15	72 1-	6ACWC	0	0	418	145	278	42	30	0.15	10.70	74
CO20128	CO20179	13.29	2 1-	4ACSR	0	0	411	144	1	0	0	0.00	10.70	0
CO20180	CO20179	13.21	68 1-	6ACWC	0	0	415	145	272	41	30	0.10	10.81	49
CO20181	CO20180	13.26	68 1-	6ACWC	0	0	412	144	272	41	30	0.11	10.92	52
CO20226	CO20181	13.27	67 1-	6ACWC	0	0	412	144	270	41	30	0.01	10.93	6
OC609	CO20226	13.27	67 1-	35 H OCR	0	0	412	144	270	41	119	0.00	10.93	0
CO20225	OC609	13.36	67 1-	6ACWC	0	0	407	144	270	41	30	0.17	11.10	80
CO20177	CO20225	13.37	67 1-	6ACWC	0	0	406	143	270	41	30	0.02	11.12	11
CO20114	CO20177	13.43	60 1-	6ACWC	0	0	403	143	246	37	27	0.10	11.23	45
CO20110	CO20114	13.46	57 1-	6ACWC	0	0	401	143	240	37	26	0.06	11.28	24
CO30536	CO20110	13.50	55 1-	6ACWC	0	0	400	142	235	36	26	0.06	11.34	24
CO30537	CO30536	13.58	55 1-	6ACWC	0	0	395	142	235	36	26	0.13	11.48	55
CO19518	CO30537	13.70	55 1-	6ACWC	0	0	389	141	234	36	26	0.21	11.69	87
CO19513	CO19518	13.80	54 1-	6ACWC	0	0	384	140	234	36	26	0.16	11.84	64
CO19517	CO19513	13.86	52 1-	6ACWC	0	0	381	140	228	35	25	0.10	11.95	40
CO19515	CO19517	13.87	52 1-	6ACWC	0	0	381	140	228	35	25	0.02	11.97	8
CO19514	CO19515	13.97	50 1-	6ACWC	0	0	376	139	226	35	25	0.16	12.13	66
CO19516	CO19514	13.99	50 1-	6ACWC	0	0	375	139	226	35	25	0.03	12.16	10
CO19600	CO19516	14.04	1 1-	4ACSR	0	0	372	138	1	0	0	0.00	12.16	0
CO19599	CO19600	14.14	1 1-	4ACSR	0	0	368	138	1	0	0	0.00	12.16	0
CO19519	CO19516	14.07	48 1-	6ACWC	0	0	371	138	216	33	24	0.12	12.28	46
CO19531	CO19519	14.16	46 1-	6ACWC	0	0	367	137	210	32	23	0.14	12.42	53
CO19521	CO19531	14.25	45 1-	6ACWC	0	0	363	137	208	32	23	0.13	12.55	48
CO19520	CO19521	14.29	44 1-	6ACWC	0	0	361	136	199	30	22	0.06	12.62	21
CO19522	CO19520	14.34	43 1-	6ACWC	0	0	359	136	195	30	22	0.07	12.68	23
CO19530	CO19522	14.42	43 1-	6ACWC	0	0	356	136	195	30	22	0.11	12.79	37
CO19524	CO19530	14.44	43 1-	6ACWC	0	0	355	135	195	30	22	0.03	12.82	10
CO19523	CO19524	14.50	41 1-	6ACWC	0	0	352	135	188	29	21	0.09	12.90	28
CO19529	CO19523	14.58	39 1-	6ACWC	0	0	349	134	178	27	20	0.10	13.00	31
CO19525	CO19529	14.62	39 1-	6ACWC	0	0	347	134	178	27	20	0.06	13.06	19
CO19526	CO19525	14.67	38 1-	6ACWC	0	0	345	134	174	27	19	0.06	13.12	18
CO19528	CO19526	14.84	37 1-	6ACWC	0	0	338	133	163	25	18	0.19	13.31	53
CO19527	CO19528	15.00	35 1-	6ACWC	0	0	332	132	152	23	17	0.18	13.49	47
CO23752	CO19527	15.13	33 1-	6ACWC	0	0	327	131	138	21	16	0.13	13.62	31
CO19203	CO23752	15.17	32 1-	6ACWC	0	0	325	130	134	21	15	0.03	13.65	8
CO19166	CO19203	15.47	30 1-	6ACWC	0	0	314	128	129	20	14	0.29	13.94	66
CO19222	CO19166	15.63	30 1-	6ACWC	0	0	309	127	128	20	14	0.16	14.09	36
CO19223	CO19222	15.77	30 1-	6ACWC	0	0	304	127	128	20	14	0.13	14.22	29
CO19224	CO19223	15.90	29 1-	6ACWC	0	0	300	126	123	19	14	0.12	14.34	26
CO19225	CO19224	15.97	28 1-	6ACWC	0	0	298	125	121	19	14	0.06	14.40	13
CO19204	CO19225	16.04	26 1-	6ACWC	0	0	295	125	114	18	13	0.06	14.45	11
CO19205	CO19204	16.11	24 1-	6ACWC	0	0	293	124	104	16	12	0.05	14.50	9
CO19160	CO19205	16.15	1 1-	4ACSR	0	0	292	124	5	0	1	0.00	14.50	0
CO19206	CO19205	16.19	21 1-	6ACWC	0	0	291	124	89	14	10	0.05	14.56	8
CO19207	CO19206	16.24	20 1-	6ACWC	0	0	289	124	87	13	10	0.03	14.59	5
CO19159	CO19207	16.29	1 1-	4ACSR	0	0	288	123	1	0	0	0.00	14.59	0
CO19158	CO19207	16.29	2 1-	4ACSR	0	0	288	123	5	0	1	0.00	14.59	0
CO19231	CO19207	16.28	14 1-	6ACWC	0	0	288	123	72	11	8	0.02	14.61	3
CO19163	CO19231	16.34	1 1-	2ACSR	0	0	287	123	4	0	0	0.00	14.61	0
CO19232	CO19231	16.35	13 1-	6ACWC	0	0	286	123	68	10	8	0.04	14.65	4
CO19167	CO19232	16.40	13 1-	6ACWC	0	0	284	123	68	10	8	0.02	14.67	3
CO19168	CO19167	16.49	13 1-	6ACWC	0	0	282	122	68	10	8	0.04	14.71	5

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23754	CO19168	16.55	1 1-	4ACSR	0	0	280	122	1	0	0	0.00	14.71	0
CO19534	CO23754	16.97	1 1-	4ACSR	0	0	268	119	1	0	0	0.00	14.72	0
CO19537	CO19534	17.07	1 1-	4ACSR	0	0	266	119	1	0	0	0.00	14.72	0
CO19536	CO19537	17.08	1 1-	4ACSR	0	0	265	119	1	0	0	0.00	14.72	0
CO19535	CO19536	17.29	1 1-	4ACSR	0	0	260	118	1	0	0	0.00	14.72	0
CO19238	CO19168	16.55	12 1-	6ACWC	0	0	280	122	67	10	8	0.03	14.75	4
CO19184	CO19238	16.63	12 1-	6ACWC	0	0	278	121	67	10	8	0.04	14.78	5
CO19185	CO19184	16.72	12 1-	6ACWC	0	0	275	121	67	10	8	0.05	14.83	6
CO19186	CO19185	16.88	12 1-	6ACWC	0	0	271	120	67	10	8	0.07	14.90	9
CO23755	CO19186	16.98	12 1-	6ACWC	0	0	268	119	67	10	8	0.05	14.96	6
CO19583	CO23755	17.03	11 1-	6ACWC	0	0	267	119	62	9	7	0.02	14.98	2
CO19589	CO19583	17.16	11 1-	6ACWC	0	0	264	118	62	9	7	0.06	15.04	7
CO19584	CO19589	17.33	11 1-	6ACWC	0	0	259	118	62	9	7	0.08	15.12	9
CO19587	CO19584	17.37	11 1-	6ACWC	0	0	258	117	62	9	7	0.02	15.13	0
CO19588	CO19587	17.41	9 1-	6ACWC	0	0	257	117	49	7	6	0.02	15.15	0
CO19586	CO19588	17.47	9 1-	6ACWC	0	0	256	117	49	7	6	0.02	15.17	0
CO19585	CO19586	17.58	8 1-	6ACWC	0	0	253	116	43	6	5	0.03	15.20	3
CO23756	CO19585	17.68	8 1-	6ACWC	0	0	251	116	43	6	5	0.03	15.24	3
CO19188	CO23756	17.77	8 1-	6ACWC	0	0	249	115	43	6	5	0.03	15.26	0
CO19187	CO19188	17.94	8 1-	6ACWC	0	0	245	114	43	6	5	0.05	15.31	4
CO19215	CO19187	18.03	7 1-	6ACWC	0	0	243	114	35	5	4	0.02	15.34	0
CO19216	CO19215	18.08	6 1-	6ACWC	0	0	242	114	31	4	4	0.01	15.35	0
CO19217	CO19216	18.13	6 1-	6ACWC	0	0	241	113	31	4	4	0.01	15.36	0
CO19218	CO19217	18.21	5 1-	6ACWC	0	0	239	113	19	3	2	0.01	15.37	0
CO19157	CO19218	18.28	2 1-	6ACWC	0	0	238	113	4	0	0	0.00	15.37	0
CO23759	CO19157	18.34	1 1-	4ACSR	0	0	236	112	3	0	0	0.00	15.37	0
CO19209	CO19157	18.39	1 1-	6ACWC	0	0	235	112	1	0	0	0.00	15.37	0
CO19234	CO19209	18.65	0 1-	6ACWC	0	0	230	111	0	0	0	0.00	15.37	0
CO19235	CO19234	18.66	0 1-	6ACWC	0	0	230	111	0	0	0	0.00	15.37	0
CO19219	CO19218	18.24	3 1-	4ACSR	0	0	239	113	16	2	2	0.00	15.37	0
CO23758	CO19219	18.28	2 1-	4ACSR	0	0	238	113	5	0	1	0.00	15.37	0
CO23757	CO19187	18.04	0 1-	4ACSR	0	0	243	114	0	0	0	0.00	15.31	0
CO19211	CO19225	16.00	2 1-	4ACSR	0	0	297	125	7	1	1	0.00	14.40	0
CO19212	CO19211	16.02	1 1-	4ACSR	0	0	296	125	1	0	0	0.00	14.40	0
CO19210	CO19212	16.04	1 1-	4ACSR	0	0	295	125	1	0	0	0.00	14.40	0
CO23753	CO19210	16.20	0 1-	4ACSR	0	0	290	124	0	0	0	0.00	14.40	0
CO19532	CO23753	16.33	0 1-	4ACSR	0	0	286	123	0	0	0	0.00	14.40	0
CO19533	CO19532	16.61	0 1-	4ACSR	0	0	278	121	0	0	0	0.00	14.40	0
CO19164	CO19211	16.07	1 1-	2ACSR	0	0	295	125	5	0	0	0.00	14.40	0
CO19189	CO19203	15.22	2 1-	4ACSR	0	0	323	130	5	0	1	0.00	13.65	0
CO19190	CO19189	15.30	1 1-	4ACSR	0	0	320	130	0	0	0	0.00	13.65	0
CO19191	CO19190	15.36	1 1-	4ACSR	0	0	318	129	0	0	0	0.00	13.65	0
CO19192	CO19191	15.43	1 1-	4ACSR	0	0	316	129	0	0	0	0.00	13.65	0
CO19193	CO19192	15.52	1 1-	4ACSR	0	0	313	128	0	0	0	0.00	13.65	0
CO19194	CO19193	15.59	1 1-	4ACSR	0	0	310	128	0	0	0	0.00	13.65	0
CO19195	CO19194	15.67	1 1-	4ACSR	0	0	307	127	0	0	0	0.00	13.65	0
CO19196	CO19195	15.84	1 1-	4ACSR	0	0	301	126	0	0	0	0.00	13.65	0
CO19197	CO19196	15.93	1 1-	4ACSR	0	0	299	126	0	0	0	0.00	13.65	0
CO19198	CO19197	16.14	1 1-	4ACSR	0	0	292	124	0	0	0	0.00	13.65	0
CO20223	CO20110	13.51	2 1-	4ACSR	0	0	399	142	5	0	1	0.00	11.29	0
CO20126	CO20223	13.52	1 1-	2ACSR	0	0	398	142	1	0	0	0.00	11.29	0
CO20206	CO20223	13.54	1 1-	4ACSR	0	0	397	142	5	0	1	0.00	11.29	0

Substation Power Factor: 0.98

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20205	CO20114	13.46	2 1-	4ACSR	0	0	402	143	5	0	1	0.00	11.23	0
CO20204	CO20114	13.51	1 1-	4ACSR	0	0	399	142	0	0	0	0.00	11.23	0
CO20113	CO20177	13.56	2 1-	6ACWC	0	0	396	142	3	0	0	0.00	11.13	0
CO20167	CO20113	13.64	2 1-	6ACWC	0	0	392	141	3	0	0	0.00	11.13	0
CO20156	CO20167	13.68	2 1-	6ACWC	0	0	390	141	3	0	0	0.00	11.13	0
CO20166	CO20156	13.83	2 1-	6ACWC	0	0	383	140	3	0	0	0.00	11.13	0
CO20219	CO20166	13.89	2 1-	4ACSR	0	0	380	139	3	0	0	0.00	11.13	0
CO20218	CO20219	13.98	2 1-	4ACSR	0	0	376	139	3	0	0	0.00	11.14	0
CO20130	CO20218	14.11	1 1-	1/0PRIURD	0	0	372	243	2	0	0	0.00	11.14	0
CO20165	CO20166	13.89	0 1-	6ACWC	0	0	380	139	0	0	0	0.00	11.13	0
CO20159	CO20165	13.99	0 1-	6ACWC	0	0	375	139	0	0	0	0.00	11.13	0
CO20157	CO20159	14.04	0 1-	6ACWC	0	0	373	138	0	0	0	0.00	11.13	0
CO20158	CO20157	14.06	0 1-	6ACWC	0	0	371	138	0	0	0	0.00	11.13	0
CO20161	CO20158	14.09	0 1-	6ACWC	0	0	370	138	0	0	0	0.00	11.13	0
CO20160	CO20161	14.14	0 1-	6ACWC	0	0	368	138	0	0	0	0.00	11.13	0
CO20164	CO20160	14.20	0 1-	6ACWC	0	0	365	137	0	0	0	0.00	11.13	0
CO20162	CO20164	14.33	0 1-	6ACWC	0	0	359	136	0	0	0	0.00	11.13	0
CO20163	CO20162	14.40	0 1-	6ACWC	0	0	356	136	0	0	0	0.00	11.13	0
CO20122	CO20163	14.46	0 1-	4ACSR	0	0	354	135	0	0	0	0.00	11.13	0
CO-206101063	CO20122	14.66	0 1-	2ACSR	0	0	347	134	0	0	0	0.00	11.13	0
CO20121	CO20163	14.43	0 1-	4ACSR	0	0	355	135	0	0	0	0.00	11.13	0
CO20203	CO20177	13.43	2 1-	4ACSR	0	0	403	143	6	0	1	0.00	11.13	0
CO20202	CO20203	13.48	1 1-	4ACSR	0	0	401	143	4	0	0	0.00	11.13	0
CO20129	CO20177	13.51	1 1-	4ACSR	0	0	399	142	8	1	1	0.00	11.13	0
CO20217	CO20181	13.30	1 1-	4ACSR	0	0	410	144	1	0	0	0.00	10.92	0
CO20216	CO20217	13.33	1 1-	4ACSR	0	0	408	144	1	0	0	0.00	10.92	0
CO20127	CO20155	13.03	1 1-	4ACSR	0	0	425	146	3	0	0	0.00	10.34	0
CO19903+	CO19936	11.09	0 1-	4ACSR	0	0	676	269	0	0	0	0.00	4.12	0
CO19904+	CO19903	11.18	0 1-	4ACSR	0	0	669	268	0	0	0	0.00	4.12	0
CO19873+	CO19944	9.98	2 1-	4ACSR	0	0	773	286	9	0	0	0.00	3.90	0
CO19865+	CO19864	9.83	493 3-	1/0ACSR	999	934	788	288	1977	45	20	0.02	3.89	55
CO19872+	CO19865	9.85	1 1-	4ACSR	0	0	786	288	5	0	0	0.00	3.89	0
CO19952+	CO19865	9.83	492 3-	1/0ACSR	999	934	788	288	1972	44	20	0.00	3.89	8
OC602+	CO19952	9.83	492 3-	100 E OCR	999	934	788	288	1971	44	45	0.00	3.89	0
CO30699+	OC602	9.88	492 3-	1/0ACSR	995	931	785	288	1971	44	20	0.02	3.90	53
CO19939+	CO30699	9.90	3 1-	4ACSR	0	0	783	288	10	0	1	0.00	3.90	0
CO19940+	CO19939	9.96	2 1-	4ACSR	0	0	777	287	10	0	1	0.00	3.90	0
CO19901+	CO19940	10.01	2 1-	4ACSR	0	0	772	286	10	0	1	0.00	3.91	0
CO19902+	CO19901	10.11	1 1-	4ACSR	0	0	763	284	3	0	0	0.00	3.91	0
CO23787+	CO30699	9.94	489 3-	1/0ACSR	991	926	781	287	1961	44	19	0.02	3.92	68
CO17963+	CO23787	10.45	488 3-	1/0ACSR	952	891	747	283	1960	44	19	0.18	4.10	585
CO17997+	CO17963	10.64	2 1-	4ACSR	0	0	730	280	15	1	1	0.00	4.11	0
CO17998+	CO17997	10.68	2 1-	4ACSR	0	0	727	280	15	1	1	0.00	4.11	0
CO17964+	CO17963	10.54	484 3-	1/0ACSR	946	885	741	282	1936	44	19	0.03	4.13	99
CO18033+	CO17964	10.55	5 1-	4ACSR	0	0	741	282	17	1	1	0.00	4.13	0
OC543+	CO18033	10.55	5 1-	10 N FUSE	0	0	741	282	17	1	12	0.00	4.13	0
CO18034+	OC543	10.59	5 1-	4ACSR	0	0	737	282	17	1	1	0.00	4.13	0
CO18002+	CO18034	10.62	4 1-	4ACSR	0	0	734	281	10	0	1	0.00	4.13	0
CO18029+	CO18002	10.66	4 1-	4ACSR	0	0	730	280	10	0	1	0.00	4.13	0
CO18030+	CO18029	10.71	2 1-	4ACSR	0	0	726	280	2	0	0	0.00	4.13	0
CO17999+	CO18030	10.80	2 1-	4ACSR	0	0	719	278	2	0	0	0.00	4.13	0
CO18000+	CO17999	10.85	2 1-	4ACSR	0	0	714	278	2	0	0	0.00	4.13	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18001+	CO18000	11.04	1 1-	4ACSR	0	0	699	275	1	0	0	0.00	4.13	0
CO23788+	CO18001	11.28	1 1-	4ACSR	0	0	680	271	1	0	0	0.00	4.13	0
CO17986+	CO18034	10.66	1 1-	1/0PRIURD	0	0	733	494	7	0	0	0.00	4.13	0
CO17965+	CO17964	10.65	479 3-	1/0ACSR	939	878	735	282	1919	43	19	0.04	4.17	116
CO17985+	CO17965	10.70	2 1-	2ACSR	0	0	730	281	10	0	0	0.00	4.17	0
CO867757230+	CO17985	10.77	1 1-	2ACSR	0	0	726	280	4	0	0	0.00	4.17	0
CO17966+	CO17965	10.69	475 3-	1/0ACSR	936	876	732	281	1902	43	19	0.01	4.18	42
CO30677+	CO17966	10.82	474 3-	1/0ACSR	927	867	724	280	1894	44	19	0.05	4.23	147
CO17984+	CO30677	10.89	0 1-	4ACSR	0	0	718	279	0	0	0	0.00	4.23	0
CO23795+	CO30677	10.94	474 3-	1/0ACSR	919	860	717	279	1893	44	19	0.05	4.28	134
CO17751+	CO23795	10.94	4 1-	4ACSR	0	0	717	279	9	0	0	0.00	4.28	0
OC526+	CO17751	10.94	4 1-	10 N FUSE	0	0	717	279	9	0	7	0.00	4.28	0
CO17752+	OC526	11.00	4 1-	4ACSR	0	0	712	278	9	0	0	0.00	4.28	0
CO17673+	CO17752	11.07	3 1-	4ACSR	0	0	706	277	7	0	0	0.00	4.28	0
CO17672+	CO17673	11.19	2 1-	4ACSR	0	0	696	275	3	0	0	0.00	4.28	0
CO17671+	CO17672	11.30	1 1-	4ACSR	0	0	687	274	2	0	0	0.00	4.28	0
CO17670+	CO17671	11.38	1 1-	4ACSR	0	0	682	273	2	0	0	0.00	4.28	0
CO17674+	CO23795	11.04	469 3-	1/0ACSR	912	853	711	278	1879	43	19	0.04	4.31	113
CO17676+	CO17674	11.06	468 3-	1/0ACSR	910	852	710	278	1870	43	19	0.01	4.32	21
CO17580+	CO17676	11.09	466 3-	1/0ACSR	908	850	708	278	1854	43	19	0.01	4.33	31
CO17598+	CO17580	11.14	2 1-	4ACSR	0	0	705	277	3	0	0	0.00	4.33	0
CO17732+	CO17598	11.20	2 1-	1/0PRIURD	0	0	701	479	3	0	0	0.00	4.33	0
CO17581+	CO17580	11.11	464 3-	1/0ACSR	907	849	707	278	1850	43	19	0.01	4.34	19
CO17677+	CO17581	11.48	463 3-	1/0ACSR	883	827	686	275	1848	43	19	0.14	4.48	402
CO17678+	CO17677	11.57	461 3-	1/0ACSR	878	822	682	274	1843	42	19	0.03	4.51	90
CO17600+	CO17678	11.61	2 1-	4ACSR	0	0	679	274	8	0	0	0.00	4.51	0
CO17582+	CO17678	11.68	454 3-	1/0ACSR	871	816	676	273	1815	42	18	0.04	4.55	117
CO17584+	CO17582	11.70	444 3-	1/0ACSR	870	815	675	273	1783	41	18	0.01	4.56	19
CO17605+	CO17584	11.83	3 1-	1/0ACSR	0	0	669	272	30	2	1	0.00	4.56	0
CO17606+	CO17605	11.88	2 1-	1/0ACSR	0	0	666	272	10	0	0	0.00	4.56	0
CO17585+	CO17584	11.85	440 3-	1/0ACSR	860	806	667	272	1741	40	18	0.05	4.61	143
CO17730+	CO17585	11.93	439 3-	1/0ACSR	856	802	663	271	1737	40	18	0.03	4.64	71
CO17731+	CO17730	12.04	439 3-	1/0ACSR	849	796	658	271	1737	40	18	0.04	4.68	107
CO17586+	CO17731	12.35	436 3-	1/0ACSR	832	780	643	268	1725	40	17	0.11	4.78	285
CO17608+	CO17586	12.39	1 1-	4ACSR	0	0	640	268	10	0	1	0.00	4.78	0
CO17721+	CO17586	12.39	3 1-	4ACSR	0	0	640	268	10	0	1	0.00	4.78	0
CO17722+	CO17721	12.52	2 1-	4ACSR	0	0	631	266	0	0	0	0.00	4.78	0
CO17609+	CO17722	12.69	0 1-	4ACSR	0	0	620	263	0	0	0	0.00	4.78	0
CO17726+	CO17722	12.60	2 1-	4ACSR	0	0	626	265	0	0	0	0.00	4.78	0
CO17727+	CO17726	12.69	1 1-	4ACSR	0	0	620	263	0	0	0	0.00	4.78	0
CO17723+	CO17727	12.74	1 1-	4ACSR	0	0	617	263	0	0	0	0.00	4.78	0
CO17724+	CO17723	12.81	0 1-	4ACSR	0	0	613	262	0	0	0	0.00	4.78	0
CO17725+	CO17726	12.68	1 1-	4ACSR	0	0	621	264	0	0	0	0.00	4.78	0
CO17719+	CO17586	12.38	432 3-	1/0ACSR	830	778	641	268	1703	39	17	0.01	4.79	23
CO17720+	CO17719	12.58	431 3-	1/0ACSR	819	768	632	267	1694	39	17	0.07	4.86	180
CO17610+	CO17720	12.67	0 1-	1/0ACSR	0	0	628	266	0	0	0	0.00	4.86	0
CO17712+	CO17720	12.62	425 3-	1/0ACSR	817	766	630	266	1671	38	17	0.01	4.87	36
CO17713+	CO17712	12.75	424 3-	1/0ACSR	810	760	624	265	1671	38	17	0.04	4.92	112
CO17611+	CO17713	12.84	1 1-	4ACSR	0	0	618	264	0	0	0	0.00	4.92	0
CO17708+	CO17713	12.79	4 1-	4ACSR	0	0	622	265	16	1	1	0.00	4.92	0
CO17709+	CO17708	12.82	3 1-	4ACSR	0	0	619	264	10	0	1	0.00	4.92	0
CO17710+	CO17709	12.92	2 1-	4ACSR	0	0	613	263	5	0	0	0.00	4.92	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17711+	CO17710	13.01	1 1-	4ACSR	0	0	608	262	2	0	0	0.00	4.92	0
CO17706+	CO17713	12.81	419 3-	1/0ACSR	807	756	622	265	1655	38	17	0.02	4.94	53
CO17707+	CO17706	12.87	418 3-	1/0ACSR	804	754	619	264	1650	38	17	0.02	4.96	52
CO17705+	CO17707	13.04	418 3-	1/0ACSR	795	746	612	263	1650	38	17	0.05	5.01	138
CO17612+	CO17705	13.11	1 1-	4ACSR	0	0	607	262	3	0	0	0.00	5.01	0
CO17587+	CO17705	13.04	417 3-	1/0ACSR	795	745	611	263	1646	38	17	0.00	5.01	6
CA64+	CO17587	13.04	0 3-	Capacitor	795	745	611	263	0	-7	0	0.00	5.01	0
CO-1594928902+	CO17587	13.17	1 1-	2ACSR	0	0	605	262	1	0	0	0.00	5.01	0
CO17737+	CO17587	13.08	6 1-	4ACSR	0	0	609	263	21	1	1	0.00	5.01	0
CO17738+	CO17737	13.16	3 1-	4ACSR	0	0	604	262	13	0	1	0.00	5.02	0
CO17704+	CO17738	13.26	2 1-	4ACSR	0	0	598	260	13	0	1	0.00	5.02	0
CO23829+	CO17704	13.45	1 1-	4ACSR	0	0	587	258	8	0	0	0.00	5.02	0
CO17613+	CO17738	13.30	1 1-	4ACSR	0	0	596	260	0	0	0	0.00	5.02	0
CO17702+	CO17587	13.12	410 3-	1/0ACSR	791	742	608	263	1625	39	17	0.03	5.04	68
CO17703+	CO17702	13.19	409 3-	1/0ACSR	787	738	605	262	1612	39	17	0.03	5.07	67
CO17701+	CO17703	13.26	408 3-	1/0ACSR	784	735	602	262	1612	39	17	0.02	5.09	59
CO17700+	CO17701	13.29	1 1-	2ACSR	0	0	601	261	6	0	0	0.00	5.09	0
CO17699+	CO17701	13.33	407 3-	1/0ACSR	780	732	599	261	1606	39	17	0.02	5.12	59
CO17697+	CO17699	13.37	407 3-	1/0ACSR	778	730	598	261	1605	39	17	0.02	5.14	41
CO17698+	CO17697	13.39	407 3-	1/0ACSR	777	729	597	261	1605	39	17	0.01	5.14	17
CO17615+	CO17698	13.47	2 1-	4ACSR	0	0	592	260	6	0	0	0.00	5.14	0
CO17588+	CO17698	13.50	403 3-	1/0ACSR	772	724	592	260	1590	38	17	0.04	5.18	92
CO23831+	CO17588	13.62	342 3-	1/0ACSR	766	719	588	259	1377	33	15	0.04	5.22	75
CO17420+	CO23831	13.77	341 3-	1/0ACSR	759	713	582	258	1366	33	15	0.05	5.26	96
CO17410+	CO17420	13.82	337 3-	1/0ACSR	757	710	580	258	1347	32	14	0.02	5.28	32
CO17411+	CO17410	13.83	336 3-	1/0ACSR	756	710	579	258	1342	32	14	0.00	5.28	6
CO17400+	CO17411	13.87	2 1-	2ACSR	0	0	577	257	5	0	0	0.00	5.28	0
CO17409+	CO17411	13.85	334 3-	1/0ACSR	755	709	579	257	1338	32	14	0.01	5.29	13
CO23832+	CO17409	13.93	3 1-	4ACSR	0	0	574	256	12	0	1	0.00	5.29	0
CO17733+	CO23832	13.98	2 1-	4ACSR	0	0	571	256	11	0	1	0.00	5.29	0
CO17592+	CO17733	14.03	2 1-	4ACSR	0	0	569	255	11	0	1	0.00	5.29	0
CO17593+	CO17592	14.19	2 1-	4ACSR	0	0	560	253	11	0	1	0.00	5.30	0
CO17623+	CO17593	14.38	2 1-	4ACSR	0	0	550	251	11	0	1	0.00	5.30	0
CO17622+	CO17593	14.23	0 1-	4ACSR	0	0	558	253	0	0	0	0.00	5.30	0
CO17621+	CO17592	14.08	0 1-	4ACSR	0	0	565	254	0	0	0	0.00	5.29	0
CO17361+	CO17409	13.90	326 3-	1/0ACSR	753	707	577	257	1301	31	14	0.02	5.31	30
CO17407+	CO17361	13.96	2 1-	4ACSR	0	0	573	256	11	0	1	0.00	5.31	0
CO17406+	CO17407	13.98	1 1-	4ACSR	0	0	572	256	4	0	0	0.00	5.31	0
CO17405+	CO17361	13.94	324 3-	1/0ACSR	751	705	575	257	1290	31	14	0.01	5.32	25
CO17478+	CO17405	14.09	322 3-	1/0ACSR	744	699	569	256	1279	31	14	0.04	5.36	83
CO17479+	CO17478	14.24	320 3-	1/0ACSR	738	693	564	255	1279	31	14	0.04	5.40	83
CO17389+	CO17479	14.30	2 1-	4ACSR	0	0	561	254	4	0	0	0.00	5.41	0
CO17480+	CO17479	14.26	317 3-	1/0ACSR	737	692	563	255	1272	31	14	0.01	5.41	12
CO17481+	CO17480	14.32	314 3-	1/0ACSR	734	689	561	254	1259	30	13	0.02	5.43	34
CO17511+	CO17481	14.33	2 1-	4ACSR	0	0	560	254	6	0	0	0.00	5.43	0
OC531+	CO17511	14.33	2 1-	10 N FUSE	0	0	560	254	6	0	4	0.00	5.43	0
CO17512+	OC531	14.47	2 1-	4ACSR	0	0	553	252	6	0	0	0.00	5.43	0
CO23833+	CO17512	14.64	2 1-	4ACSR	0	0	544	250	6	0	0	0.00	5.43	0
CO17662+	CO23833	14.72	2 1-	4ACSR	0	0	540	249	6	0	0	0.00	5.43	0
CO17663+	CO17662	14.79	0 1-	4ACSR	0	0	537	248	0	0	0	0.00	5.43	0
CO23834+	CO17663	14.90	0 1-	4ACSR	0	0	531	247	0	0	0	0.00	5.43	0
CO17452+	CO17481	14.38	0 1-	4ACSR	0	0	558	253	0	0	0	0.00	5.43	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17453+	CO17452	14.42	0 1-	4ACSR	0	0	556	253	0	0	0	0.00	5.43	0
CO17482+	CO17481	14.50	312 3-	1/0ACSR	726	682	554	253	1253	30	13	0.05	5.48	95
CO17483+	CO17482	14.56	311 3-	1/0ACSR	723	679	552	253	1251	30	13	0.02	5.50	35
CO17390+	CO17483	14.66	1 1-	4ACSR	0	0	547	251	1	0	0	0.00	5.50	0
CO17501+	CO17483	14.68	305 3-	1/0ACSR	719	675	548	252	1229	30	13	0.03	5.53	58
CO17502+	CO17501	14.77	305 3-	1/0ACSR	715	671	545	251	1229	30	13	0.03	5.56	48
CO17370+	CO17502	14.91	289 3-	1/0ACSR	709	666	540	250	1160	28	12	0.04	5.59	66
CO17392+	CO17370	14.99	0 1-	4ACSR	0	0	536	249	0	0	0	0.00	5.59	0
CO17371+	CO17370	14.99	289 3-	1/0ACSR	706	663	538	250	1160	28	12	0.02	5.61	35
CO17372+	CO17371	15.25	287 3-	1/0ACSR	695	653	529	248	1154	28	12	0.07	5.68	122
CO17484+	CO17372	15.30	283 3-	1/0ACSR	693	651	527	248	1142	28	12	0.01	5.70	22
CO17485+	CO17484	15.35	282 3-	1/0ACSR	691	650	526	247	1142	28	12	0.01	5.71	21
CO17375+	CO17485	15.41	262 3-	1/0ACSR	689	647	524	247	1076	26	11	0.01	5.72	24
CO17458+	CO17375	15.46	2 1-	4ACSR	0	0	521	246	6	0	0	0.00	5.72	0
CO17459+	CO17458	15.52	1 1-	4ACSR	0	0	519	246	0	0	0	0.00	5.72	0
CO17460+	CO17459	15.66	1 1-	4ACSR	0	0	512	244	0	0	0	0.00	5.72	0
CO17374+	CO17375	15.62	260 3-	1/0ACSR	681	640	517	246	1071	26	11	0.05	5.78	83
CO17395+	CO17374	15.67	2 1-	4ACSR	0	0	515	245	9	0	0	0.00	5.78	0
CO17461+	CO17374	15.70	2 1-	4ACSR	0	0	513	245	7	0	0	0.00	5.78	0
CO17462+	CO17461	15.89	2 1-	4ACSR	0	0	505	242	7	0	0	0.00	5.78	0
CO17488+	CO17374	15.80	256 3-	1/0ACSR	674	634	512	245	1054	25	11	0.04	5.82	70
CO17489+	CO17488	15.90	255 3-	1/0ACSR	670	630	509	244	1044	25	11	0.02	5.84	37
CO17503+	CO17489	15.98	3 1-	4ACSR	0	0	505	243	11	0	1	0.00	5.84	0
CO17504+	CO17503	16.03	1 1-	4ACSR	0	0	503	242	2	0	0	0.00	5.84	0
CO17433+	CO17489	15.95	252 3-	1/0ACSR	668	629	507	244	1033	25	11	0.01	5.85	17
CO17434+	CO17433	16.14	252 3-	1/0ACSR	661	622	502	242	1033	25	11	0.05	5.90	70
CO17435+	CO17434	16.18	252 3-	1/0ACSR	660	621	500	242	1033	25	11	0.01	5.91	18
CO17376+	CO17435	16.27	23 1-	4ACSR	0	0	497	241	86	6	5	0.01	5.92	0
XFMR51	CO17376	16.27	23 1-	333 KVA 1PH AUT	0	0	600	160	86	6	27	0.37	6.29	0
CO17509	XFMR51	16.27	6 1-	4ACSR	0	0	599	160	24	3	2	0.00	6.29	0
OC536	CO17509	16.27	6 1-	15 N FUSE	0	0	599	160	24	3	23	0.00	6.29	0
CO17510	OC536	16.43	6 1-	4ACSR	0	0	583	158	24	3	2	0.02	6.31	0
CO17496	CO17510	16.59	5 1-	4ACSR	0	0	567	157	12	1	1	0.01	6.32	0
CO17439	CO17496	16.78	4 1-	4ACSR	0	0	549	155	9	1	1	0.01	6.34	0
CO17440	CO17439	17.01	3 1-	4ACSR	0	0	527	153	9	1	1	0.02	6.35	0
CO17441	CO17440	17.63	3 1-	4ACSR	0	0	476	148	9	1	1	0.04	6.39	0
CO17396	CO17441	17.71	1 1-	4ACSR	0	0	470	147	6	0	1	0.00	6.39	0
CO17442	CO17441	17.72	2 1-	4ACSR	0	0	470	147	4	0	0	0.00	6.39	0
CO23838	CO17442	18.06	2 1-	4ACSR	0	0	445	144	4	0	0	0.01	6.40	0
CO17334	CO23838	18.20	2 1-	4ACSR	0	0	436	143	4	0	0	0.00	6.41	0
CO17335	CO17334	18.50	2 1-	4ACSR	0	0	417	141	4	0	0	0.01	6.41	0
CO17336	CO17335	18.54	2 1-	4ACSR	0	0	414	140	4	0	0	0.00	6.41	0
CO1630957548	CO17336	18.57	1 1-	2ACSR	0	0	413	140	2	0	0	0.00	6.41	0
CO17515	XFMR51	16.27	17 1-	4ACSR	0	0	599	160	62	9	7	0.00	6.29	0
OC530	CO17515	16.27	17 1-	35 H OCR	0	0	599	160	62	9	26	0.00	6.29	0
CO17516	OC530	16.37	17 1-	4ACSR	0	0	589	159	62	9	7	0.04	6.34	4
CO17443	CO17516	16.79	17 1-	4ACSR	0	0	548	155	62	9	7	0.18	6.52	19
CO17507	CO17443	16.90	17 1-	4ACSR	0	0	538	154	62	9	7	0.04	6.56	4
CO17508	CO17507	17.12	15 1-	4ACSR	0	0	517	152	56	8	6	0.09	6.65	8
CO17377	CO17508	17.28	13 1-	4ACSR	0	0	505	151	55	8	6	0.06	6.71	5
CO17413	CO17377	17.50	12 1-	4ACSR	0	0	487	149	52	7	6	0.08	6.79	7
CO17414	CO17413	17.53	11 1-	4ACSR	0	0	484	148	48	7	5	0.01	6.80	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17466	CO17414	17.60	10 1-	4ACSR	0	0	479	148	44	6	5	0.02	6.82	0
CO17467	CO17466	17.74	10 1-	4ACSR	0	0	468	147	44	6	5	0.04	6.86	3
CO17468	CO17467	17.78	10 1-	4ACSR	0	0	465	146	44	6	5	0.01	6.88	0
CO30641	CO17468	17.87	7 1-	4ACSR	0	0	458	146	33	4	3	0.02	6.90	0
CO7074	CO30641	17.90	6 1-	4ACSR	0	0	456	145	27	3	3	0.00	6.90	0
CO7073	CO7074	17.91	6 1-	4ACSR	0	0	456	145	27	3	3	0.00	6.90	0
CO8360	CO7073	18.29	5 1-	4ACSR	0	0	430	142	26	3	3	0.06	6.96	0
CO6956	CO8360	18.45	4 1-	4ACSR	0	0	420	141	17	2	2	0.02	6.98	0
CO6957	CO6956	18.56	2 1-	4ACSR	0	0	413	140	13	1	1	0.01	6.99	0
CO6958	CO6957	18.77	2 1-	4ACSR	0	0	401	139	13	1	1	0.01	7.00	0
CO6959	CO6956	18.65	1 1-	4ACSR	0	0	407	139	3	0	0	0.00	6.98	0
CO6960	CO6959	18.73	1 1-	4ACSR	0	0	403	139	3	0	0	0.00	6.98	0
CO6976	CO30641	17.91	1 1-	2ACSR	0	0	456	145	6	0	0	0.00	6.90	0
CO30640	CO17468	17.85	1 1-	4ACSR	0	0	460	146	3	0	0	0.00	6.88	0
CO17408	CO17468	17.84	2 1-	4ACSR	0	0	460	146	9	1	1	0.00	6.88	0
CO17403	CO17413	17.54	1 1-	2ACSR	0	0	484	148	4	0	0	0.00	6.79	0
CO17397	CO17377	17.41	1 1-	4ACSR	0	0	494	149	2	0	0	0.00	6.71	0
CO17463	CO17508	17.25	1 1-	4ACSR	0	0	506	151	0	0	0	0.00	6.65	0
CO17464	CO17463	17.36	1 1-	4ACSR	0	0	498	150	0	0	0	0.00	6.65	0
CO17436+	CO17435	16.39	229 3-	1/0ACSR	652	614	494	241	946	23	10	0.04	5.96	64
CO17437+	CO17436	16.42	229 3-	1/0ACSR	651	613	493	241	946	23	10	0.01	5.96	11
CO17416+	CO17437	16.50	3 1-	4ACSR	0	0	490	240	15	1	1	0.00	5.97	0
CO17417+	CO17416	16.53	1 1-	4ACSR	0	0	489	239	9	0	0	0.00	5.97	0
CO17494+	CO17416	16.58	2 1-	4ACSR	0	0	487	239	6	0	0	0.00	5.97	0
CO17495+	CO17494	16.67	1 1-	4ACSR	0	0	483	238	4	0	0	0.00	5.97	0
CO17438+	CO17437	16.60	226 3-	1/0ACSR	645	607	489	240	931	22	10	0.04	6.00	51
CO17505+	CO17438	16.90	226 3-	1/0ACSR	635	598	480	238	931	22	10	0.06	6.06	90
CO17506+	CO17505	16.94	226 3-	1/0ACSR	634	596	479	237	930	22	10	0.01	6.07	14
CO17465+	CO17506	17.00	1 1-	4ACSR	0	0	477	237	4	0	0	0.00	6.07	0
CO17499+	CO17465	17.07	1 1-	4ACSR	0	0	474	236	4	0	0	0.00	6.07	0
CO17500+	CO17499	17.13	0 1-	4ACSR	0	0	472	235	0	0	0	0.00	6.07	0
CO17490+	CO17506	17.04	225 3-	1/0ACSR	630	593	477	237	926	22	10	0.02	6.09	28
CO17491+	CO17490	17.06	223 3-	1/0ACSR	630	593	476	237	915	22	10	0.00	6.10	6
CO17418+	CO17491	17.09	3 1-	4ACSR	0	0	475	236	68	5	4	0.00	6.10	0
CO17398+	CO17418	17.12	2 1-	4ACSR	0	0	474	236	13	0	1	0.00	6.10	0
CO17419+	CO17418	17.13	1 1-	4ACSR	0	0	473	236	55	4	3	0.00	6.10	0
CO17399+	CO17491	17.10	1 1-	4ACSR	0	0	474	236	3	0	0	0.00	6.10	0
CO17521+	CO17491	17.06	218 3-	1/0ACSR	629	593	476	237	844	20	9	0.00	6.10	0
OC964+	CO17521	17.06	218 3-	50 E OCR	629	593	476	237	844	20	42	0.00	6.10	0
CO17522+	OC964	17.14	218 3-	1/0ACSR	627	590	474	236	844	20	9	0.01	6.11	18
CO17404+	CO17522	17.18	1 1-	4ACSR	0	0	472	236	2	0	0	0.00	6.11	0
CO17469+	CO17522	17.32	215 3-	1/0ACSR	621	585	469	235	840	20	9	0.03	6.15	44
CO17470+	CO17469	17.71	215 3-	1/0ACSR	609	573	459	233	840	20	9	0.08	6.22	97
CO30639+	CO17470	17.81	215 3-	1/0ACSR	606	571	457	232	840	20	9	0.02	6.24	25
CO6979+	CO30639	17.86	215 3-	1/0ACSR	605	569	456	232	840	20	9	0.01	6.25	10
CO6970+	CO6979	18.06	2 1-	4ACSR	0	0	449	230	6	0	0	0.00	6.25	0
CO6980+	CO6979	17.93	213 3-	1/0ACSR	602	567	454	232	834	20	9	0.01	6.27	19
CO6981+	CO6980	18.04	213 3-	1/0ACSR	599	564	451	231	834	20	9	0.02	6.29	27
CO6982+	CO6981	18.18	213 3-	1/0ACSR	595	560	448	230	834	20	9	0.03	6.32	34
CO6983+	CO6982	18.26	212 3-	1/0ACSR	592	558	446	230	833	20	9	0.02	6.33	19
CO6984+	CO6983	18.35	211 3-	1/0ACSR	590	556	444	229	826	20	9	0.02	6.35	20
CO6985+	CO6984	18.37	210 3-	1/0ACSR	589	555	444	229	826	20	9	0.00	6.35	4

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17295+	CO6985	18.48	202 3-	1/0ACSR	586	552	441	228	804	19	9	0.02	6.37	26
CO6989+	CO17295	18.51	201 3-	1/0ACSR	585	552	441	228	640	15	7	0.00	6.38	4
CO6990+	CO6989	18.53	201 3-	1/0ACSR	585	551	440	228	640	15	7	0.00	6.38	3
CO7052+	CO6990	18.59	201 2-	2ACSR	0	549	439	228	640	23	13	0.02	6.40	21
CO7051+	CO7052	18.63	0 1-	2ACSR	0	0	438	227	0	0	0	0.00	6.40	0
CO7053+	CO7052	18.65	199 2-	2ACSR	0	547	437	227	640	23	13	0.02	6.42	23
CO7050+	CO7053	18.77	199 2-	2ACSR	0	543	434	226	639	23	13	0.04	6.47	45
CO6977+	CO7050	18.84	1 2-	2ACSR	0	541	432	226	15	0	0	0.00	6.47	0
CO6963+	CO7050	19.03	198 1-	2ACSR	0	0	427	224	624	46	26	0.20	6.67	196
CO7002+	CO6963	19.07	7 1-	4ACSR	0	0	426	224	24	1	1	0.00	6.67	0
CO7003+	CO7002	19.22	6 1-	4ACSR	0	0	421	223	18	1	1	0.01	6.67	0
CO7001+	CO7003	19.29	6 1-	4ACSR	0	0	419	222	18	1	1	0.00	6.68	0
CO7000+	CO7001	19.41	6 1-	4ACSR	0	0	415	221	18	1	1	0.00	6.68	0
CO6999+	CO7000	19.52	5 1-	4ACSR	0	0	412	220	14	1	1	0.00	6.68	0
CO6998+	CO6999	19.59	4 1-	4ACSR	0	0	410	219	12	0	1	0.00	6.68	0
CO6997+	CO6998	19.65	4 1-	4ACSR	0	0	408	218	12	0	1	0.00	6.69	0
CO6996+	CO6997	19.82	3 1-	4ACSR	0	0	403	217	5	0	0	0.00	6.69	0
CO6995+	CO6996	19.87	2 1-	4ACSR	0	0	401	216	2	0	0	0.00	6.69	0
CO6994+	CO6995	19.93	2 1-	4ACSR	0	0	400	216	2	0	0	0.00	6.69	0
CO6993+	CO6994	19.99	2 1-	4ACSR	0	0	398	215	2	0	0	0.00	6.69	0
CO6992+	CO6993	20.02	2 1-	4ACSR	0	0	397	215	2	0	0	0.00	6.69	0
CO6991+	CO6992	20.06	1 1-	4ACSR	0	0	396	215	2	0	0	0.00	6.69	0
CO7004+	CO6963	19.07	191 1-	2ACSR	0	0	426	224	599	44	25	0.03	6.69	23
CO7005+	CO7004	19.34	190 1-	2ACSR	0	0	419	222	596	44	25	0.20	6.90	190
CO7006+	CO7005	19.41	189 1-	2ACSR	0	0	418	222	591	43	24	0.05	6.94	44
CO7009+	CO7006	19.48	8 1-	2ACSR	0	0	416	221	48	3	2	0.00	6.95	0
CO7010+	CO7009	19.60	8 1-	2ACSR	0	0	413	220	48	3	2	0.01	6.96	0
CO7048+	CO7010	19.68	7 1-	2ACSR	0	0	411	220	43	3	2	0.00	6.96	0
CO7049+	CO7048	19.73	5 1-	2ACSR	0	0	410	219	39	2	2	0.00	6.96	0
CO7014+	CO7049	19.76	4 1-	2ACSR	0	0	409	219	28	2	1	0.00	6.96	0
CO7017+	CO7014	19.82	2 1-	4ACSR	0	0	407	219	22	1	1	0.00	6.96	0
CO7018+	CO7017	19.86	1 1-	4ACSR	0	0	406	218	5	0	0	0.00	6.97	0
CO7015+	CO7014	19.84	1 1-	4ACSR	0	0	407	218	3	0	0	0.00	6.96	0
CO7016+	CO7015	19.87	0 1-	4ACSR	0	0	406	218	0	0	0	0.00	6.96	0
CO6972+	CO7014	19.79	1 1-	4ACSR	0	0	408	219	4	0	0	0.00	6.96	0
CO7012+	CO7010	19.64	1 1-	4ACSR	0	0	412	220	4	0	0	0.00	6.96	0
CO7013+	CO7012	19.68	1 1-	4ACSR	0	0	411	220	4	0	0	0.00	6.96	0
CO7011+	CO7013	19.71	1 1-	4ACSR	0	0	409	219	4	0	0	0.00	6.96	0
CO7007+	CO7006	19.43	181 1-	2ACSR	0	0	417	222	543	40	22	0.02	6.96	13
CO7008+	CO7007	19.47	181 1-	2ACSR	0	0	416	221	543	40	22	0.03	6.99	22
CO7046+	CO7008	19.52	180 1-	2ACSR	0	0	415	221	542	40	22	0.03	7.02	27
CO7047+	CO7046	19.56	179 1-	2ACSR	0	0	414	221	540	40	22	0.03	7.05	28
CO7075+	CO7047	19.57	172 1-	2ACSR	0	0	414	221	520	38	22	0.00	7.06	4
OC192+	CO7075	19.57	172 1-	35 E OCR	0	0	414	221	520	38	111	0.00	7.06	0
CO7076+	OC192	19.67	172 1-	2ACSR	0	0	411	220	520	38	22	0.06	7.12	51
CO6962+	CO7076	19.81	169 1-	2ACSR	0	0	408	219	504	37	21	0.09	7.21	70
CO6975+	CO6962	19.89	1 1-	4ACSR	0	0	406	218	14	1	1	0.00	7.21	0
CO7032+	CO6962	19.90	168 1-	2ACSR	0	0	406	218	490	36	20	0.06	7.26	45
CO7033+	CO7032	19.95	168 1-	2ACSR	0	0	405	218	490	36	20	0.03	7.29	20
CO7031+	CO7033	20.07	168 1-	2ACSR	0	0	402	217	490	36	20	0.08	7.37	61
CO6973+	CO7031	20.19	2 1-	4ACSR	0	0	399	216	2	0	0	0.00	7.37	0
CO7027+	CO7031	20.19	162 1-	2ACSR	0	0	399	216	479	35	20	0.07	7.44	51

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7028+	CO7027	20.44	162 1-	2ACSR	0	0	393	215	479	35	20	0.15	7.59	116
CO7077+	CO7028	20.60	160 1-	2ACSR	0	0	390	214	475	35	20	0.09	7.68	70
CO1350600304+	CO7077	20.76	1 1-	2ACSR	0	0	387	212	4	0	0	0.00	7.68	0
CO7023+	CO7077	20.64	157 1-	2ACSR	0	0	389	213	471	35	20	0.02	7.71	17
CO7024+	CO7023	20.67	156 1-	2ACSR	0	0	388	213	468	35	19	0.02	7.73	16
CO7022+	CO7024	20.78	154 1-	2ACSR	0	0	386	212	466	34	19	0.06	7.79	47
CO7021+	CO7022	20.81	153 1-	2ACSR	0	0	386	212	462	34	19	0.01	7.81	10
CO7020+	CO7021	20.97	151 1-	2ACSR	0	0	382	211	456	34	19	0.09	7.90	66
CO6969+	CO7020	21.06	2 1-	4ACSR	0	0	380	210	4	0	0	0.00	7.90	0
CO7019+	CO7020	21.00	149 1-	2ACSR	0	0	382	211	452	33	19	0.02	7.92	13
CO8356+	CO7019	21.17	149 1-	2ACSR	0	0	378	210	452	33	19	0.10	8.01	71
CO6861+	CO8356	21.35	145 1-	2ACSR	0	0	374	209	434	32	18	0.10	8.11	66
CO6883+	CO6861	21.42	2 1-	4ACSR	0	0	373	208	12	0	1	0.00	8.11	0
CO6884+	CO6883	21.47	1 1-	4ACSR	0	0	372	208	5	0	0	0.00	8.11	0
CO6885+	CO6861	21.68	141 1-	2ACSR	0	0	368	207	416	31	17	0.17	8.28	114
CO6886+	CO6885	21.84	141 1-	2ACSR	0	0	365	206	415	31	17	0.08	8.37	54
CO6869+	CO6886	21.92	2 1-	4ACSR	0	0	363	205	4	0	0	0.00	8.37	0
CO6887+	CO6886	22.11	139 1-	2ACSR	0	0	360	204	411	30	17	0.14	8.50	90
CO6888+	CO6887	22.16	139 1-	2ACSR	0	0	359	204	410	30	17	0.03	8.53	18
CO6862+	CO6888	22.24	125 1-	2ACSR	0	0	357	203	373	28	16	0.04	8.57	23
CO6863+	CO6862	22.33	123 1-	2ACSR	0	0	356	203	357	26	15	0.04	8.61	22
CO6871+	CO6863	22.38	2 1-	4ACSR	0	0	355	202	1	0	0	0.00	8.61	0
CO6864+	CO6863	22.36	117 1-	2ACSR	0	0	355	202	344	25	14	0.02	8.62	8
CO6872+	CO6864	22.40	1 1-	4ACSR	0	0	354	202	2	0	0	0.00	8.62	0
CO6921+	CO6864	22.42	115 1-	2ACSR	0	0	354	202	339	25	14	0.02	8.65	12
CO6922+	CO6921	22.52	114 1-	2ACSR	0	0	352	201	332	25	14	0.05	8.69	24
CO6952+	CO6922	22.66	8 1-	4ACSR	0	0	349	200	30	2	2	0.01	8.70	0
CO6923+	CO6952	22.73	1 1-	2ACSR	0	0	348	200	1	0	0	0.00	8.70	0
CO6924+	CO6923	22.79	1 1-	2ACSR	0	0	347	200	1	0	0	0.00	8.70	0
CO6953+	CO6952	22.78	5 1-	4ACSR	0	0	347	199	17	1	1	0.00	8.70	0
CO6873+	CO6953	22.85	1 1-	4ACSR	0	0	345	199	3	0	0	0.00	8.70	0
CO6881+	CO6953	22.85	1 1-	2ACSR	0	0	346	199	7	0	0	0.00	8.70	0
CO6925+	CO6953	23.00	3 1-	4ACSR	0	0	342	198	7	0	0	0.00	8.70	0
CO6926+	CO6925	23.06	2 1-	4ACSR	0	0	341	197	2	0	0	0.00	8.70	0
CO6874+	CO6926	23.09	1 1-	4ACSR	0	0	340	197	2	0	0	0.00	8.70	0
CO6927+	CO6926	23.23	1 1-	4ACSR	0	0	337	196	0	0	0	0.00	8.70	0
CO8357+	CO6927	23.80	0 1-	4ACSR	0	0	326	192	0	0	0	0.00	8.70	0
CO7087+	CO8357	23.94	0 1-	4ACSR	0	0	323	191	0	0	0	0.00	8.70	0
CO6865+	CO6922	22.77	106 1-	2ACSR	0	0	348	200	302	22	13	0.09	8.79	46
CO6954+	CO6865	22.95	104 1-	2ACSR	0	0	345	199	293	22	12	0.06	8.85	30
CO6955+	CO6954	23.05	101 1-	2ACSR	0	0	343	198	286	21	12	0.04	8.89	17
CO6928+	CO6955	23.09	101 1-	2ACSR	0	0	343	198	285	21	12	0.01	8.90	6
CO6866+	CO6928	23.25	98 1-	2ACSR	0	0	340	197	276	20	12	0.06	8.96	25
CO6933+	CO6866	23.29	3 1-	4ACSR	0	0	339	197	5	0	0	0.00	8.96	0
CO6934+	CO6933	23.34	2 1-	4ACSR	0	0	338	197	2	0	0	0.00	8.96	0
CO6877+	CO6866	23.31	0 1-	4ACSR	0	0	338	197	0	0	0	0.00	8.96	0
CO6937+	CO6866	23.49	95 1-	2ACSR	0	0	336	196	271	20	11	0.08	9.04	35
CO6938+	CO6937	23.55	94 1-	2ACSR	0	0	335	196	260	19	11	0.02	9.06	9
CO6939+	CO6938	23.57	94 1-	2ACSR	0	0	335	195	260	19	11	0.01	9.07	3
CO6867+	CO6939	23.68	91 1-	2ACSR	0	0	333	195	254	19	11	0.04	9.10	14
CO8275+	CO6867	23.80	89 1-	2ACSR	0	0	331	194	238	18	10	0.03	9.14	13
CO8277+	CO8275	23.89	3 1-	2ACSR	0	0	330	194	5	0	0	0.00	9.14	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6945+	CO8277	23.92	3 1-	2ACSR	0	0	329	194	5	0	0	0.00	9.14	0
CO6946+	CO6945	23.94	1 1-	2ACSR	0	0	329	193	0	0	0	0.00	9.14	0
CO6947+	CO6946	24.09	1 1-	2ACSR	0	0	326	193	0	0	0	0.00	9.14	0
CO6948+	CO6947	24.23	1 1-	2ACSR	0	0	324	192	0	0	0	0.00	9.14	0
CO6949+	CO6948	24.30	1 1-	2ACSR	0	0	323	191	0	0	0	0.00	9.14	0
CO6950+	CO6949	24.40	1 1-	2ACSR	0	0	322	191	0	0	0	0.00	9.14	0
CO6951+	CO6950	24.49	1 1-	2ACSR	0	0	320	190	0	0	0	0.00	9.14	0
CO8359+	CO6951	24.58	1 1-	2ACSR	0	0	319	190	0	0	0	0.00	9.14	0
CO7098+	CO8359	24.67	1 1-	2ACSR	0	0	318	190	0	0	0	0.00	9.14	0
CO7099+	CO7098	24.73	1 1-	2ACSR	0	0	317	189	0	0	0	0.00	9.14	0
CO6944+	CO6945	24.05	1 1-	2ACSR	0	0	327	193	1	0	0	0.00	9.14	0
CO4090+	CO8275	23.86	86 1-	2ACSR	0	0	330	194	233	17	10	0.02	9.16	7
CO4097+	CO4090	23.93	84 1-	2ACSR	0	0	329	193	230	17	10	0.02	9.18	8
CO4096+	CO4097	24.00	1 1-	2ACSR	0	0	328	193	2	0	0	0.00	9.18	0
CO4099+	CO4097	23.99	83 1-	2ACSR	0	0	328	193	228	17	10	0.01	9.19	5
CO4098+	CO4099	24.11	83 1-	2ACSR	0	0	326	193	228	17	10	0.04	9.23	13
CO1951844809+	CO4098	24.22	1 1-	2ACSR	0	0	324	192	8	0	0	0.00	9.23	0
CO1711662215+	CO1951844809	24.26	0 1-	2ACSR	0	0	324	192	0	0	0	0.00	9.23	0
CO-1423191480+	CO1951844809	24.25	1 1-	2ACSR	0	0	324	192	8	0	0	0.00	9.23	0
CO1108135494+	CO-1423191480	24.30	1 1-	2ACSR	0	0	323	191	8	0	0	0.00	9.23	0
CO4091+	CO4098	24.26	81 1-	2ACSR	0	0	324	192	217	16	9	0.04	9.27	15
CO344960639+	CO4091	24.37	80 1-	2ACSR	0	0	322	191	217	16	9	0.03	9.30	10
CO8276+	CO344960639	24.65	79 1-	2ACSR	0	0	318	190	217	16	9	0.08	9.38	27
CO4663+	CO8276	24.69	2 1-	4ACSR	0	0	317	189	16	1	1	0.00	9.38	0
CO4662+	CO4663	24.73	1 1-	4ACSR	0	0	317	189	6	0	0	0.00	9.38	0
CO4606+	CO8276	24.71	75 1-	2ACSR	0	0	317	189	198	15	8	0.01	9.39	5
CO4679+	CO4606	24.72	25 1-	2ACSR	0	0	317	189	69	5	3	0.00	9.39	0
OC129+	CO4679	24.72	25 1-	25 E OCR	0	0	317	189	69	5	21	0.00	9.39	0
CO4680+	OC129	24.90	25 1-	2ACSR	0	0	314	188	69	5	3	0.02	9.41	0
CO4637+	CO4680	24.97	24 1-	2ACSR	0	0	313	188	64	4	3	0.01	9.41	0
CO4622+	CO4637	25.05	1 1-	4ACSR	0	0	312	187	10	0	1	0.00	9.41	0
CO4621+	CO4637	25.09	1 1-	4ACSR	0	0	311	187	2	0	0	0.00	9.41	0
CO-664045628+	CO4621	25.19	0 1-	2ACSR	0	0	310	187	0	0	0	0.00	9.41	0
CO4607+	CO4637	25.09	22 1-	2ACSR	0	0	312	187	52	3	2	0.01	9.42	0
CO4608+	CO4607	25.47	20 1-	2ACSR	0	0	307	185	49	3	2	0.02	9.45	0
CO4624+	CO4608	25.55	0 1-	4ACSR	0	0	305	185	0	0	0	0.00	9.45	0
CO4609+	CO4608	25.57	20 1-	2ACSR	0	0	305	185	49	3	2	0.01	9.45	0
CO4638+	CO4609	25.70	17 1-	2ACSR	0	0	303	184	43	3	2	0.01	9.46	0
CO1677546749+	CO4638	25.72	15 1-	2ACSR	0	0	303	184	31	2	1	0.00	9.46	0
CO25427673+	CO1677546749	25.84	14 1-	2ACSR	0	0	302	184	29	2	1	0.00	9.46	0
CO4610+	CO25427673	26.07	13 1-	2ACSR	0	0	299	182	26	2	1	0.01	9.47	0
CO4611+	CO4610	26.23	12 1-	2ACSR	0	0	297	182	23	1	1	0.00	9.48	0
CO4668+	CO4611	26.27	3 1-	4ACSR	0	0	296	181	3	0	0	0.00	9.48	0
CO4627+	CO4668	26.38	1 1-	4ACSR	0	0	294	181	0	0	0	0.00	9.48	0
CO4667+	CO4668	26.34	2 1-	4ACSR	0	0	295	181	3	0	0	0.00	9.48	0
CO4681+	CO4611	26.27	9 1-	2ACSR	0	0	296	181	20	1	1	0.00	9.48	0
CO4645+	CO4681	26.29	7 1-	2ACSR	0	0	296	181	20	1	1	0.00	9.48	0
CO4644+	CO4645	26.47	7 1-	2ACSR	0	0	293	181	20	1	1	0.00	9.48	0
CO4643+	CO4644	26.60	7 1-	2ACSR	0	0	292	180	20	1	1	0.00	9.48	0
CO4642+	CO4643	26.74	4 1-	2ACSR	0	0	290	179	14	1	1	0.00	9.49	0
CO4635+	CO4642	26.81	1 1-	2ACSR	0	0	289	179	6	0	0	0.00	9.49	0
CO4641+	CO4642	26.80	3 1-	2ACSR	0	0	289	179	8	0	0	0.00	9.49	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4646+	CO4641	26.86	3 1-	2ACSR	0	0	289	179	8	0	0	0.00	9.49	0
CO4682+	CO4646	27.06	2 1-	2ACSR	0	0	286	178	7	0	0	0.00	9.49	0
CO4640+	CO4682	27.13	2 1-	2ACSR	0	0	285	177	7	0	0	0.00	9.49	0
CO4605+	CO4640	27.25	1 1-	2ACSR	0	0	284	177	6	0	0	0.00	9.49	0
CO4619+	CO4605	27.44	0 1-	4ACSR	0	0	281	176	0	0	0	0.00	9.49	0
CO4618+	CO4605	27.38	1 1-	4ACSR	0	0	282	176	6	0	0	0.00	9.49	0
CO4617+	CO4640	27.18	1 1-	4ACSR	0	0	285	177	0	0	0	0.00	9.49	0
CO4616+	CO4640	27.20	0 1-	4ACSR	0	0	284	177	0	0	0	0.00	9.49	0
CO4626+	CO4610	26.14	1 1-	4ACSR	0	0	297	182	4	0	0	0.00	9.47	0
CO4634+	CO25427673	25.91	1 1-	2ACSR	0	0	301	183	3	0	0	0.00	9.46	0
CO-1977394664+	CO1677546749	25.80	1 1-	2ACSR	0	0	302	184	1	0	0	0.00	9.46	0
CO4625+	CO4609	25.67	3 1-	4ACSR	0	0	303	184	5	0	0	0.00	9.45	0
CO4664+	CO4607	25.18	2 1-	4ACSR	0	0	310	187	4	0	0	0.00	9.42	0
CO4623+	CO4664	25.21	1 1-	4ACSR	0	0	310	187	3	0	0	0.00	9.42	0
CO4665+	CO4664	25.20	1 1-	4ACSR	0	0	310	187	1	0	0	0.00	9.42	0
CO4666+	CO4665	25.25	1 1-	4ACSR	0	0	309	186	1	0	0	0.00	9.42	0
CO4612+	CO4606	24.82	49 1-	2ACSR	0	0	316	189	127	9	5	0.02	9.41	4
CO4613+	CO4612	24.86	48 1-	2ACSR	0	0	315	189	127	9	5	0.01	9.42	0
CO17293+	CO4613	24.87	47 1-	2ACSR	0	0	315	188	125	9	5	0.00	9.42	0
OC131+	CO17293	24.87	47 1-	25 H OCR	0	0	315	188	125	9	38	0.00	9.42	0
CO17294+	OC131	24.87	47 1-	2ACSR	0	0	315	188	125	9	5	0.00	9.42	0
CO4632+	CO17294	24.92	0 1-	2ACSR	0	0	314	188	0	0	0	0.00	9.42	0
CO4647+	CO17294	25.07	47 1-	2ACSR	0	0	312	187	125	9	5	0.03	9.45	6
CO4614+	CO4647	25.17	45 1-	2ACSR	0	0	311	187	122	9	5	0.01	9.46	3
CO4648+	CO4614	25.28	42 1-	2ACSR	0	0	309	186	119	9	5	0.02	9.48	3
CO4649+	CO4648	25.68	41 1-	2ACSR	0	0	304	184	119	9	5	0.06	9.54	11
CO4629+	CO4649	25.75	0 1-	4ACSR	0	0	302	184	0	0	0	0.00	9.54	0
CO4615+	CO4649	25.87	41 1-	2ACSR	0	0	301	183	119	9	5	0.03	9.57	5
CO4661+	CO4615	25.92	5 1-	4ACSR	0	0	300	183	14	1	1	0.00	9.57	0
CO4660+	CO4661	25.99	5 1-	4ACSR	0	0	299	183	14	1	1	0.00	9.57	0
CO4631+	CO4660	26.06	1 1-	4ACSR	0	0	298	182	8	0	0	0.00	9.57	0
CO4657+	CO4660	26.13	3 1-	4ACSR	0	0	297	182	6	0	0	0.00	9.57	0
CO4658+	CO4657	26.37	3 1-	4ACSR	0	0	293	180	6	0	0	0.00	9.58	0
CO4656+	CO4658	26.54	3 1-	4ACSR	0	0	290	179	6	0	0	0.00	9.58	0
CO4659+	CO4656	26.62	1 1-	4ACSR	0	0	289	179	0	0	0	0.00	9.58	0
CO4650+	CO4615	26.06	36 1-	2ACSR	0	0	299	183	105	7	4	0.03	9.60	4
CO4652+	CO4650	26.09	36 1-	2ACSR	0	0	298	182	105	7	4	0.00	9.60	0
CO4651+	CO4652	26.17	34 1-	2ACSR	0	0	297	182	101	7	4	0.01	9.61	0
CO4633+	CO4651	26.23	1 1-	2ACSR	0	0	297	182	3	0	0	0.00	9.61	0
CO4630+	CO4651	26.23	1 1-	4ACSR	0	0	296	182	3	0	0	0.00	9.61	0
CO4654+	CO4651	26.24	32 1-	2ACSR	0	0	296	182	94	7	4	0.01	9.62	0
CO4653+	CO4654	26.32	30 1-	2ACSR	0	0	295	181	89	6	4	0.01	9.63	0
CO4655+	CO4653	26.45	29 1-	2ACSR	0	0	294	181	84	6	4	0.01	9.64	0
CO4678+	CO4655	26.48	25 1-	2ACSR	0	0	293	180	74	5	3	0.00	9.64	0
CO4636+	CO4678	26.54	0 1-	4ACSR	0	0	292	180	0	0	0	0.00	9.64	0
CO4677+	CO4678	26.51	22 1-	2ACSR	0	0	293	180	70	5	3	0.00	9.65	0
CO8297+	CO4677	26.58	22 1-	2ACSR	0	0	292	180	70	5	3	0.01	9.65	0
CO4448+	CO8297	26.81	21 1-	2ACSR	0	0	289	179	65	4	3	0.02	9.67	0
CO4454+	CO4448	27.04	20 1-	2ACSR	0	0	287	178	57	4	2	0.02	9.69	0
CO4453+	CO4454	27.17	20 1-	2ACSR	0	0	285	177	57	4	2	0.01	9.70	0
CO4457+	CO4453	27.28	20 1-	2ACSR	0	0	284	177	57	4	2	0.01	9.71	0
CO4456+	CO4457	27.43	19 1-	2ACSR	0	0	282	176	50	3	2	0.01	9.71	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4455+	CO4456	27.57	19 1-	2ACSR	0	0	280	175	50	3	2	0.01	9.72	0
CO4449+	CO4455	27.69	16 1-	2ACSR	0	0	279	175	43	3	2	0.01	9.73	0
CO4477+	CO4449	27.75	5 1-	4ACSR	0	0	278	174	7	0	0	0.00	9.73	0
CO4474+	CO4477	28.02	3 1-	4ACSR	0	0	274	173	2	0	0	0.00	9.73	0
CO4473+	CO4474	28.08	3 1-	4ACSR	0	0	273	173	2	0	0	0.00	9.73	0
CO4475+	CO4473	28.31	3 1-	4ACSR	0	0	270	171	2	0	0	0.00	9.73	0
CO4472+	CO4475	28.49	3 1-	4ACSR	0	0	268	170	2	0	0	0.00	9.73	0
CO4476+	CO4472	28.60	3 1-	4ACSR	0	0	266	169	2	0	0	0.00	9.73	0
CO4471+	CO4476	28.79	3 1-	4ACSR	0	0	264	168	2	0	0	0.00	9.73	0
CO735231490+	CO4471	28.84	2 1-	2ACSR	0	0	263	168	2	0	0	0.00	9.73	0
CO1582109401+	CO735231490	28.89	2 1-	2ACSR	0	0	263	168	2	0	0	0.00	9.73	0
CO1218311303+	CO1582109401	28.93	2 1-	2ACSR	0	0	262	168	2	0	0	0.00	9.73	0
CO774483729+	CO1218311303	29.01	2 1-	2ACSR	0	0	262	167	2	0	0	0.00	9.73	0
CO-598581871+	CO774483729	29.07	2 1-	2ACSR	0	0	261	167	2	0	0	0.00	9.73	0
CO-181173076+	CO-598581871	29.14	2 1-	2ACSR	0	0	260	167	2	0	0	0.00	9.73	0
CO-2145827289+	CO-181173076	29.22	2 1-	2ACSR	0	0	260	167	2	0	0	0.00	9.73	0
CO4467+	CO4449	27.78	2 1-	4ACSR	0	0	278	174	13	0	1	0.00	9.73	0
CO4468+	CO4467	27.84	1 1-	4ACSR	0	0	277	174	6	0	0	0.00	9.73	0
CO4470+	CO4468	27.98	1 1-	4ACSR	0	0	275	173	6	0	0	0.00	9.73	0
CO4469+	CO4470	28.10	0 1-	4ACSR	0	0	273	172	0	0	0	0.00	9.73	0
CO4462+	CO4449	27.77	9 1-	2ACSR	0	0	278	174	23	1	1	0.00	9.73	0
CO4461+	CO4462	28.02	9 1-	2ACSR	0	0	275	173	23	1	1	0.01	9.74	0
CO4463+	CO4461	28.09	7 1-	2ACSR	0	0	274	173	17	1	1	0.00	9.74	0
CO4464+	CO4463	28.16	7 1-	2ACSR	0	0	274	173	17	1	1	0.00	9.74	0
CO4460+	CO4464	28.21	7 1-	2ACSR	0	0	273	173	17	1	1	0.00	9.74	0
CO1941504160+	CO4460	28.24	1 1-	2ACSR	0	0	273	172	4	0	0	0.00	9.74	0
CO4459+	CO4460	28.39	5 1-	2ACSR	0	0	271	172	9	0	0	0.00	9.74	0
CO4465+	CO4459	28.46	3 1-	2ACSR	0	0	271	172	6	0	0	0.00	9.74	0
CO4466+	CO4465	28.51	3 1-	2ACSR	0	0	270	171	6	0	0	0.00	9.74	0
CO4458+	CO4466	28.63	1 1-	2ACSR	0	0	269	171	2	0	0	0.00	9.74	0
CO4452+	CO4455	27.76	1 1-	4ACSR	0	0	278	174	1	0	0	0.00	9.72	0
CO4451+	CO4448	26.89	1 1-	4ACSR	0	0	288	178	9	0	0	0.00	9.67	0
CO4450+	CO8297	26.67	1 1-	4ACSR	0	0	291	179	4	0	0	0.00	9.65	0
CO4673+	CO4655	26.57	4 1-	4ACSR	0	0	292	180	10	0	1	0.00	9.64	0
CO4674+	CO4673	26.66	1 1-	4ACSR	0	0	290	179	7	0	0	0.00	9.64	0
CO4676+	CO4673	26.64	3 1-	4ACSR	0	0	291	179	3	0	0	0.00	9.64	0
CO4675+	CO4676	26.69	1 1-	4ACSR	0	0	290	179	2	0	0	0.00	9.64	0
CO4628+	CO4614	25.19	0 1-	4ACSR	0	0	310	187	0	0	0	0.00	9.46	0
CO8278+	CO4614	25.33	3 1-	4ACSR	0	0	308	186	3	0	0	0.00	9.47	0
CO4100+	CO8278	25.50	1 1-	4ACSR	0	0	305	185	0	0	0	0.00	9.47	0
CO4102+	CO4100	25.62	1 1-	4ACSR	0	0	303	184	0	0	0	0.00	9.47	0
CO4101+	CO4102	25.66	1 1-	4ACSR	0	0	302	184	0	0	0	0.00	9.47	0
CO4095+	CO4100	25.57	0 1-	4ACSR	0	0	304	184	0	0	0	0.00	9.47	0
CO4672+	CO4647	25.12	2 1-	4ACSR	0	0	311	187	3	0	0	0.00	9.45	0
CO4671+	CO4672	25.23	1 1-	4ACSR	0	0	309	186	0	0	0	0.00	9.45	0
CO4670+	CO4612	24.88	0 1-	4ACSR	0	0	314	188	0	0	0	0.00	9.41	0
CO4620+	CO4606	24.78	1 1-	4ACSR	0	0	316	189	2	0	0	0.00	9.39	0
CO4094+	CO344960639	24.58	1 1-	4ACSR	0	0	318	190	0	0	0	0.00	9.30	0
CO-1685807115+	CO4091	24.31	1 1-	2ACSR	0	0	323	191	0	0	0	0.00	9.27	0
CO4092+	CO4090	24.03	2 1-	4ACSR	0	0	327	193	4	0	0	0.00	9.16	0
CO6942+	CO6867	23.73	2 1-	4ACSR	0	0	332	194	16	1	1	0.00	9.10	0
CO6943+	CO6942	23.79	1 1-	4ACSR	0	0	331	194	7	0	0	0.00	9.10	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6940+	CO6939	23.61	1 1-	4ACSR	0	0	334	195	2	0	0	0.00	9.07	0
CO6941+	CO6940	23.69	0 1-	4ACSR	0	0	332	195	0	0	0	0.00	9.07	0
CO6935+	CO6937	23.54	1 1-	2ACSR	0	0	335	196	10	0	0	0.00	9.04	0
CO6936+	CO6935	23.61	1 1-	2ACSR	0	0	334	195	10	0	0	0.00	9.04	0
CO6929+	CO6928	23.11	3 1-	4ACSR	0	0	342	198	10	0	1	0.00	8.90	0
CO6930+	CO6929	23.14	2 1-	4ACSR	0	0	341	198	9	0	1	0.00	8.90	0
CO6931+	CO6930	23.45	1 1-	4ACSR	0	0	335	195	5	0	0	0.00	8.91	0
CO6932+	CO6931	23.75	1 1-	4ACSR	0	0	329	193	5	0	0	0.00	8.91	0
CO8358+	CO6932	24.58	1 1-	4ACSR	0	0	313	187	5	0	0	0.01	8.92	0
CO7097+	CO8358	24.68	1 1-	4ACSR	0	0	312	186	5	0	0	0.00	8.92	0
CO7096+	CO7097	24.73	1 1-	4ACSR	0	0	311	186	5	0	0	0.00	8.92	0
CO7095+	CO7096	24.79	1 1-	4ACSR	0	0	310	186	5	0	0	0.00	8.92	0
CO7094+	CO7095	24.92	1 1-	4ACSR	0	0	307	185	5	0	0	0.00	8.92	0
CO7093+	CO7094	24.97	1 1-	4ACSR	0	0	306	184	5	0	0	0.00	8.92	0
CO7092+	CO7093	25.09	1 1-	4ACSR	0	0	304	184	5	0	0	0.00	8.92	0
CO7091+	CO7092	25.31	1 1-	4ACSR	0	0	301	182	5	0	0	0.00	8.92	0
CO7090+	CO7091	25.41	1 1-	4ACSR	0	0	299	182	5	0	0	0.00	8.92	0
CO7089+	CO7090	25.58	1 1-	4ACSR	0	0	296	180	5	0	0	0.00	8.93	0
CO7088+	CO7089	25.65	1 1-	4ACSR	0	0	295	180	5	0	0	0.00	8.93	0
CO6882+	CO6954	23.03	1 1-	2ACSR	0	0	344	199	5	0	0	0.00	8.85	0
CO6876+	CO6865	22.83	1 1-	4ACSR	0	0	347	200	0	0	0	0.00	8.79	0
CO6875+	CO6865	22.83	1 1-	4ACSR	0	0	347	200	9	0	0	0.00	8.79	0
CO6919+	CO6863	22.42	4 1-	4ACSR	0	0	354	202	12	0	1	0.00	8.61	0
CO6920+	CO6919	22.46	1 1-	4ACSR	0	0	353	202	9	0	0	0.00	8.61	0
CO6916+	CO6862	22.37	2 1-	4ACSR	0	0	355	202	16	1	1	0.00	8.57	0
CO6917+	CO6916	22.43	1 1-	4ACSR	0	0	353	202	10	0	1	0.00	8.57	0
CO6918+	CO6917	22.73	1 1-	4ACSR	0	0	346	199	10	0	1	0.00	8.58	0
CO6889+	CO6888	22.31	14 1-	4ACSR	0	0	355	202	37	2	2	0.01	8.54	0
CO6890+	CO6889	22.39	14 1-	4ACSR	0	0	354	202	37	2	2	0.00	8.55	0
CO6896+	CO6890	22.52	14 1-	4ACSR	0	0	351	201	37	2	2	0.01	8.56	0
CO6897+	CO6896	22.92	14 1-	4ACSR	0	0	342	198	37	2	2	0.03	8.58	0
CO6898+	CO6897	23.31	14 1-	4ACSR	0	0	334	195	37	2	2	0.03	8.61	0
CO6899+	CO6898	23.45	14 1-	4ACSR	0	0	331	194	37	2	2	0.01	8.62	0
CO6900+	CO6899	23.52	14 1-	4ACSR	0	0	330	193	37	2	2	0.00	8.62	0
CO6901+	CO6900	23.56	13 1-	4ACSR	0	0	329	193	36	2	2	0.00	8.62	0
CO6902+	CO6901	23.77	12 1-	4ACSR	0	0	325	191	34	2	2	0.01	8.63	0
CO6908+	CO6902	23.81	9 1-	4ACSR	0	0	324	191	27	2	1	0.00	8.64	0
CO6909+	CO6908	23.86	8 1-	4ACSR	0	0	323	191	21	1	1	0.00	8.64	0
CO6910+	CO6909	23.93	7 1-	4ACSR	0	0	322	190	18	1	1	0.00	8.64	0
CO6912+	CO6910	24.06	5 1-	4ACSR	0	0	319	189	7	0	0	0.00	8.64	0
CO6913+	CO6912	24.11	3 1-	4ACSR	0	0	318	189	4	0	0	0.00	8.64	0
CO6911+	CO6913	24.15	3 1-	4ACSR	0	0	318	188	4	0	0	0.00	8.64	0
CO6914+	CO6911	24.18	3 1-	4ACSR	0	0	317	188	4	0	0	0.00	8.64	0
CO6915+	CO6914	24.32	2 1-	4ACSR	0	0	314	187	1	0	0	0.00	8.64	0
CO6880+	CO6915	24.38	0 1-	4ACSR	0	0	313	187	0	0	0	0.00	8.64	0
CO6879+	CO6915	24.36	1 1-	4ACSR	0	0	314	187	1	0	0	0.00	8.64	0
CO6903+	CO6902	23.83	1 1-	4ACSR	0	0	324	191	1	0	0	0.00	8.64	0
CO6904+	CO6903	23.85	1 1-	4ACSR	0	0	323	191	1	0	0	0.00	8.64	0
CO6905+	CO6904	23.90	1 1-	4ACSR	0	0	322	190	1	0	0	0.00	8.64	0
CO6906+	CO6905	23.98	1 1-	4ACSR	0	0	321	190	1	0	0	0.00	8.64	0
CO6907+	CO6906	24.06	1 1-	4ACSR	0	0	319	189	1	0	0	0.00	8.64	0
CO6891+	CO6890	22.52	0 1-	4ACSR	0	0	351	201	0	0	0	0.00	8.55	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6892+	CO6891	22.61	0 1-	4ACSR	0	0	349	200	0	0	0	0.00	8.55	0
CO6870+	CO6892	22.78	0 1-	4ACSR	0	0	345	199	0	0	0	0.00	8.55	0
CO6893+	CO6892	22.69	0 1-	4ACSR	0	0	347	199	0	0	0	0.00	8.55	0
CO6894+	CO6893	22.76	0 1-	4ACSR	0	0	346	199	0	0	0	0.00	8.55	0
CO6895+	CO6894	22.82	0 1-	4ACSR	0	0	344	198	0	0	0	0.00	8.55	0
CO6868+	CO8356	21.21	1 1-	4ACSR	0	0	377	209	8	0	0	0.00	8.01	0
CO6878+	CO8356	21.20	3 1-	4ACSR	0	0	377	210	10	0	1	0.00	8.01	0
CO6968+	CO7077	20.66	0 1-	4ACSR	0	0	389	213	0	0	0	0.00	7.68	0
CO7025+	CO7028	20.61	1 1-	4ACSR	0	0	389	213	3	0	0	0.00	7.59	0
CO7026+	CO7025	20.69	1 1-	4ACSR	0	0	387	212	3	0	0	0.00	7.59	0
CO7029+	CO7031	20.17	3 1-	4ACSR	0	0	399	216	8	0	0	0.00	7.37	0
CO7030+	CO7029	20.28	1 1-	4ACSR	0	0	396	215	4	0	0	0.00	7.37	0
CO7039+	CO7076	19.71	3 1-	4ACSR	0	0	410	219	16	1	1	0.00	7.12	0
CO7040+	CO7039	19.73	2 1-	4ACSR	0	0	409	219	11	0	1	0.00	7.12	0
CO7038+	CO7040	19.75	2 1-	4ACSR	0	0	409	219	11	0	1	0.00	7.12	0
CO7037+	CO7038	19.78	2 1-	4ACSR	0	0	408	219	11	0	1	0.00	7.12	0
CO7036+	CO7037	19.82	2 1-	4ACSR	0	0	407	218	11	0	1	0.00	7.12	0
CO7035+	CO7036	19.90	1 1-	4ACSR	0	0	405	218	0	0	0	0.00	7.12	0
CO7034+	CO7036	19.89	1 1-	2ACSR	0	0	405	218	11	0	0	0.00	7.12	0
CO7041+	CO7047	19.62	2 1-	4ACSR	0	0	412	220	5	0	0	0.00	7.05	0
CO7042+	CO7041	19.81	0 1-	4ACSR	0	0	406	218	0	0	0	0.00	7.05	0
CO7043+	CO7047	19.60	5 1-	4ACSR	0	0	413	220	15	1	1	0.00	7.05	0
CO7044+	CO7043	19.63	5 1-	4ACSR	0	0	412	220	15	1	1	0.00	7.05	0
CO7045+	CO7044	19.69	2 1-	4ACSR	0	0	410	219	3	0	0	0.00	7.05	0
CO6990+	CO6990	18.58	0 3-	1/0PRIURD	584	550	439	340	0	0	0	0.00	6.38	0
290544018+	CO17295	18.48	1 3-	Consumer	586	552	441	228	164	4	0	0.00	6.37	0
CO6988+	CO6985	18.38	3 1-	4ACSR	0	0	444	229	15	1	1	0.00	6.35	0
CO7068+	CO6988	18.45	3 1-	4ACSR	0	0	441	228	15	1	1	0.00	6.35	0
CO7070+	CO7068	18.48	1 1-	4ACSR	0	0	440	228	5	0	0	0.00	6.35	0
CO7069+	CO7068	18.55	2 1-	4ACSR	0	0	438	227	9	0	0	0.00	6.35	0
CO7066+	CO7069	18.62	1 1-	4ACSR	0	0	435	227	6	0	0	0.00	6.35	0
CO7067+	CO7066	18.66	0 1-	4ACSR	0	0	434	226	0	0	0	0.00	6.35	0
CO6986+	CO6985	18.42	5 1-	4ACSR	0	0	442	229	8	0	0	0.00	6.35	0
CO6971+	CO6986	18.46	1 1-	4ACSR	0	0	441	228	2	0	0	0.00	6.35	0
CO6987+	CO6986	18.54	0 1-	4ACSR	0	0	438	227	0	0	0	0.00	6.35	0
CO17373+	CO17485	15.44	19 1-	4ACSR	0	0	521	246	55	4	3	0.01	5.72	0
CO17519+	CO17373	15.45	19 1-	4ACSR	0	0	521	246	55	4	3	0.00	5.72	0
OC535+	CO17519	15.45	19 1-	35 H OCR	0	0	521	246	55	4	12	0.00	5.72	0
XFMR50	OC535	15.45	19 1-	333 KVA 1PH AUT	0	0	616	161	55	4	18	0.23	5.95	0
CO17520	XFMR50	15.78	19 1-	4ACSR	0	0	581	158	55	8	6	0.13	6.08	12
CO23835	CO17520	15.96	17 1-	4ACSR	0	0	563	156	53	7	6	0.07	6.15	6
CO17746	CO23835	16.03	17 1-	4ACSR	0	0	556	155	53	7	6	0.02	6.17	0
CO17745	CO17746	16.09	17 1-	4ACSR	0	0	550	155	53	7	6	0.02	6.19	0
CO17594	CO17745	16.37	15 1-	4ACSR	0	0	524	152	53	7	6	0.10	6.30	9
CO30538	CO17594	16.77	6 1-	4ACSR	0	0	491	149	29	4	3	0.07	6.36	3
CO17659	CO30538	16.84	5 1-	4ACSR	0	0	485	148	19	2	2	0.01	6.37	0
CO17739	CO17659	16.94	3 1-	4ACSR	0	0	477	147	13	1	1	0.01	6.38	0
CO17741	CO17739	17.14	2 1-	4ACSR	0	0	462	146	8	1	1	0.01	6.39	0
CO17742	CO17741	17.25	1 1-	4ACSR	0	0	454	145	0	0	0	0.00	6.39	0
CO17747	CO17742	17.33	1 1-	4ACSR	0	0	448	144	0	0	0	0.00	6.39	0
CO17748	CO17747	17.51	1 1-	4ACSR	0	0	436	143	0	0	0	0.00	6.39	0
CO17660	CO17659	16.93	2 1-	4ACSR	0	0	477	147	6	0	1	0.00	6.37	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17661	CO17660	17.02	1 1-	4ACSR	0	0	471	147	1	0	0	0.00	6.38	0
CO17735	CO17594	16.49	1 1-	4ACSR	0	0	514	151	1	0	0	0.00	6.30	0
CO17736	CO17735	16.50	1 1-	4ACSR	0	0	513	151	1	0	0	0.00	6.30	0
CO17734	CO17736	16.59	0 1-	4ACSR	0	0	505	150	0	0	0	0.00	6.30	0
CO17595	CO17594	16.49	7 1-	4ACSR	0	0	514	151	11	1	1	0.01	6.30	0
CO17626	CO17595	16.58	1 1-	4ACSR	0	0	506	150	1	0	0	0.00	6.31	0
CO17596	CO17595	16.87	5 1-	4ACSR	0	0	482	148	8	1	1	0.02	6.33	0
CO30649	CO17596	17.04	1 1-	4ACSR	0	0	470	147	5	0	1	0.00	6.33	0
CO30651	CO30649	17.04	0 1-	4ACSR	0	0	469	146	0	0	0	0.00	6.33	0
SW528-A	CO30651	17.04	0 1-	Open	0	0	469	146	0	0	0	0.00	6.33	0
CO17657	CO17596	17.01	2 1-	4ACSR	0	0	471	147	1	0	0	0.00	6.33	0
CO17658	CO17657	17.16	1 1-	4ACSR	0	0	461	146	0	0	0	0.00	6.33	0
CO17655	CO17596	16.98	2 1-	4ACSR	0	0	474	147	1	0	0	0.00	6.33	0
CO17656	CO17655	17.02	0 1-	4ACSR	0	0	471	147	0	0	0	0.00	6.33	0
CO17625	CO17594	16.43	1 1-	4ACSR	0	0	519	152	11	1	1	0.00	6.30	0
CO17624	CO17745	16.23	1 1-	4ACSR	0	0	537	154	0	0	0	0.00	6.19	0
CO17486	CO17520	15.86	2 1-	4ACSR	0	0	573	157	2	0	0	0.00	6.08	0
CO17487	CO17486	16.05	1 1-	4ACSR	0	0	554	155	2	0	0	0.00	6.08	0
CO17394+	CO17372	15.33	3 1-	4ACSR	0	0	525	247	9	0	0	0.00	5.69	0
CO-657761637+	CO17394	15.51	2 1-	4ACSR	0	0	517	245	8	0	0	0.00	5.69	0
CO17393+	CO17371	15.10	2 1-	4ACSR	0	0	532	248	5	0	0	0.00	5.61	0
CO17513+	CO17502	14.77	16 1-	4ACSR	0	0	545	251	69	5	4	0.00	5.56	0
OC532+	CO17513	14.77	16 1-	10 N FUSE	0	0	545	251	69	5	51	0.00	5.56	0
CO17514+	OC532	14.86	16 1-	4ACSR	0	0	541	250	69	5	4	0.01	5.57	0
CO17368+	CO17514	14.97	8 1-	4ACSR	0	0	535	249	44	3	2	0.01	5.57	0
CO17457+	CO17368	15.01	3 1-	4ACSR	0	0	533	248	24	1	1	0.00	5.58	0
CO17497+	CO17457	15.05	3 1-	4ACSR	0	0	531	248	24	1	1	0.00	5.58	0
CO17498+	CO17497	15.07	2 1-	4ACSR	0	0	530	247	13	0	1	0.00	5.58	0
CO17369+	CO17368	15.56	1 1-	4ACSR	0	0	507	242	9	0	0	0.00	5.58	0
CO17391+	CO17368	15.05	3 1-	4ACSR	0	0	531	248	9	0	0	0.00	5.58	0
CO17454+	CO17514	14.89	7 1-	4ACSR	0	0	539	250	16	1	1	0.00	5.57	0
CO17455+	CO17454	15.03	4 1-	4ACSR	0	0	532	248	10	0	1	0.00	5.57	0
CO17456+	CO17455	15.10	0 1-	4ACSR	0	0	529	247	0	0	0	0.00	5.57	0
CO17492+	CO17483	14.65	5 1-	4ACSR	0	0	548	252	20	1	1	0.00	5.50	0
CO17493+	CO17492	14.75	3 1-	4ACSR	0	0	543	250	17	1	1	0.00	5.50	0
CO17450+	CO17405	14.04	2 1-	4ACSR	0	0	570	256	10	0	1	0.00	5.32	0
CO17451+	CO17450	14.09	1 1-	4ACSR	0	0	567	255	6	0	0	0.00	5.32	0
CO17386+	CO17420	13.88	2 1-	4ACSR	0	0	575	257	11	0	1	0.00	5.27	0
CO-924829201+	CO17386	13.94	1 1-	2ACSR	0	0	572	256	7	0	0	0.00	5.27	0
CO17628+	CO17588	13.62	1 1-	2ACSR	0	0	587	259	8	0	0	0.00	5.18	0
CO17753+	CO17588	13.51	59 1-	4ACSR	0	0	592	260	200	14	11	0.00	5.18	0
OC527+	CO17753	13.51	59 1-	10 N FUSE	0	0	592	260	200	14	147	0.00	5.18	0
CO23830+	OC527	13.64	59 1-	4ACSR	0	0	584	258	200	14	11	0.05	5.23	15
CO17428+	CO23830	13.92	59 1-	4ACSR	0	0	568	254	200	14	11	0.10	5.33	33
CO17524+	CO17428	13.93	59 1-	4ACSR	0	0	568	254	200	14	11	0.00	5.33	0
OC-973535964+	CO17524	13.93	59 1-	35 E OCR	0	0	568	254	200	14	42	0.00	5.33	0
CO17525+	OC-973535964	14.00	9 1-	4ACSR	0	0	564	253	22	1	1	0.00	5.33	0
CO17424+	CO17525	14.09	7 1-	4ACSR	0	0	559	252	10	0	1	0.00	5.33	0
CO17423+	CO17424	14.19	6 1-	4ACSR	0	0	554	251	10	0	1	0.00	5.34	0
CO17422+	CO17423	14.25	5 1-	4ACSR	0	0	550	250	9	0	0	0.00	5.34	0
CO17421+	CO17422	14.32	4 1-	4ACSR	0	0	547	249	8	0	0	0.00	5.34	0
CO17378+	CO17421	14.45	2 1-	4ACSR	0	0	540	248	8	0	0	0.00	5.34	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17444+	CO17421	14.39	1 1-	4ACSR	0	0	544	249	0	0	0	0.00	5.34	0
CO17445+	CO17444	14.46	1 1-	4ACSR	0	0	540	248	0	0	0	0.00	5.34	0
CO17446+	CO17445	14.48	1 1-	4ACSR	0	0	539	247	0	0	0	0.00	5.34	0
XFMR49	OC-973535964	13.93	50 1-	333 KVA 1PH AUT	0	0	647	162	178	13	57	0.77	6.11	0
CO17523	XFMR49	14.00	50 1-	4ACSR	0	0	638	162	178	26	19	0.09	6.20	28
CO17367	CO17523	14.11	48 1-	4ACSR	0	0	625	161	174	25	18	0.13	6.33	38
CO17388	CO17367	14.15	1 1-	4ACSR	0	0	621	160	10	1	1	0.00	6.33	0
CO17366	CO17367	14.23	47 1-	4ACSR	0	0	612	159	164	24	17	0.13	6.46	36
CO17380	CO17366	14.28	1 1-	4ACSR	0	0	606	159	6	0	1	0.00	6.46	0
CO17362	CO17366	14.59	43 1-	4ACSR	0	0	573	156	151	22	16	0.38	6.84	96
CO17365	CO17362	14.71	42 1-	4ACSR	0	0	561	155	145	21	15	0.12	6.96	29
CO17471	CO17365	14.76	2 1-	4ACSR	0	0	555	154	0	0	0	0.00	6.96	0
CO17472	CO17471	14.92	2 1-	4ACSR	0	0	540	153	0	0	0	0.00	6.96	0
CO17387	CO17472	14.94	1 1-	4ACSR	0	0	538	153	0	0	0	0.00	6.96	0
CO17415	CO17472	14.96	1 1-	4ACSR	0	0	536	153	0	0	0	0.00	6.96	0
CO17431	CO17365	14.97	40 1-	4ACSR	0	0	535	153	144	21	15	0.26	7.22	62
CO17432	CO17431	15.10	38 1-	4ACSR	0	0	524	151	138	20	15	0.12	7.34	28
CO17363	CO17432	15.21	33 1-	4ACSR	0	0	513	150	122	18	13	0.09	7.43	19
CO17429	CO17363	15.32	32 1-	4ACSR	0	0	504	149	111	16	12	0.08	7.51	15
CO17476	CO17429	15.39	32 1-	4ACSR	0	0	498	149	111	16	12	0.05	7.57	10
CO17477	CO17476	15.41	29 1-	4ACSR	0	0	496	149	105	15	11	0.02	7.59	3
CO17364	CO17477	15.51	6 1-	4ACSR	0	0	489	148	22	3	2	0.01	7.60	0
CO17384	CO17364	15.54	1 1-	4ACSR	0	0	486	148	8	1	1	0.00	7.60	0
CO17402	CO17364	15.57	1 1-	2ACSR	0	0	484	147	1	0	0	0.00	7.60	0
CO17426	CO17364	15.69	4 1-	4ACSR	0	0	474	146	14	2	1	0.01	7.61	0
CO17427	CO17426	15.75	3 1-	4ACSR	0	0	469	146	8	1	1	0.00	7.62	0
CO17425	CO17427	16.01	2 1-	4ACSR	0	0	450	144	5	0	1	0.01	7.63	0
CO17401	CO17425	16.05	1 1-	2ACSR	0	0	448	144	3	0	0	0.00	7.63	0
CO17412	CO17425	16.31	0 1-	4ACSR	0	0	430	141	0	0	0	0.00	7.63	0
CO17517	CO17477	15.42	23 1-	4ACSR	0	0	496	149	83	12	9	0.00	7.59	0
OC533	CO17517	15.42	23 1-	25 H OCR	0	0	496	149	83	12	50	0.00	7.59	0
CO17518	OC533	15.66	23 1-	4ACSR	0	0	477	147	83	12	9	0.13	7.72	18
CO17473	CO17518	15.78	22 1-	4ACSR	0	0	467	146	76	11	8	0.06	7.79	8
CO17474	CO17473	15.84	20 1-	4ACSR	0	0	463	145	68	10	7	0.02	7.81	3
CO17475	CO17474	15.91	19 1-	4ACSR	0	0	458	145	56	8	6	0.03	7.84	3
CO17430	CO17475	16.02	17 1-	4ACSR	0	0	449	144	46	6	5	0.04	7.87	3
CO30638	CO17430	16.21	16 1-	4ACSR	0	0	437	142	43	6	5	0.06	7.93	4
CO7054	CO30638	16.29	15 1-	4ACSR	0	0	431	142	43	6	5	0.02	7.95	0
CO7055	CO7054	16.40	14 1-	4ACSR	0	0	424	141	42	6	5	0.03	7.99	2
CO6961	CO7055	16.59	13 1-	4ACSR	0	0	412	139	34	5	4	0.05	8.03	3
CO7056	CO6961	16.61	12 1-	4ACSR	0	0	411	139	26	3	3	0.00	8.04	0
CO7057	CO7056	16.72	12 1-	4ACSR	0	0	404	138	26	3	3	0.02	8.06	0
CO7058	CO7057	16.83	10 1-	4ACSR	0	0	398	137	23	3	2	0.02	8.07	0
CO7059	CO7058	16.96	9 1-	4ACSR	0	0	390	136	20	2	2	0.02	8.09	0
CO7071	CO7059	17.37	9 1-	4ACSR	0	0	369	134	20	2	2	0.06	8.15	0
CO6974	CO7071	17.44	1 1-	2ACSR	0	0	367	133	0	0	0	0.00	8.15	0
CO7072	CO7071	17.57	8 1-	4ACSR	0	0	360	132	19	2	2	0.02	8.17	0
CO7060	CO7072	17.79	6 1-	4ACSR	0	0	349	131	11	1	1	0.01	8.19	0
CO7061	CO7060	17.82	5 1-	4ACSR	0	0	348	131	7	1	1	0.00	8.19	0
CO6967	CO7061	17.89	1 1-	4ACSR	0	0	345	130	4	0	0	0.00	8.19	0
CO7062	CO7061	17.88	4 1-	4ACSR	0	0	345	130	3	0	0	0.00	8.19	0
CO7063	CO7062	18.12	3 1-	4ACSR	0	0	335	129	3	0	0	0.00	8.19	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7064	CO7063	18.14	2 1-	4ACSR	0	0	334	128	1	0	0	0.00	8.19	0
CO7065	CO7064	18.44	2 1-	4ACSR	0	0	322	127	1	0	0	0.00	8.19	0
CO8361	CO7065	18.90	2 1-	4ACSR	0	0	305	124	1	0	0	0.00	8.19	0
CO7214	CO8361	19.09	2 1-	4ACSR	0	0	298	123	1	0	0	0.00	8.19	0
CO7213	CO7214	19.36	2 1-	4ACSR	0	0	290	121	1	0	0	0.00	8.19	0
CO7212	CO7213	19.51	2 1-	4ACSR	0	0	285	120	1	0	0	0.00	8.20	0
CO7211	CO7212	19.77	2 1-	4ACSR	0	0	277	119	1	0	0	0.00	8.20	0
CO7210	CO7211	19.81	2 1-	4ACSR	0	0	276	119	1	0	0	0.00	8.20	0
CO7209	CO7210	19.85	2 1-	4ACSR	0	0	275	118	1	0	0	0.00	8.20	0
CO7208	CO7209	19.97	2 1-	4ACSR	0	0	271	118	1	0	0	0.00	8.20	0
CO7207	CO7208	20.04	2 1-	4ACSR	0	0	269	117	1	0	0	0.00	8.20	0
CO7206	CO7207	20.11	2 1-	4ACSR	0	0	267	117	1	0	0	0.00	8.20	0
CO7205	CO7206	20.26	2 1-	4ACSR	0	0	263	116	1	0	0	0.00	8.20	0
CO7204	CO7205	20.32	2 1-	4ACSR	0	0	262	116	1	0	0	0.00	8.20	0
CO7203	CO7204	20.40	1 1-	4ACSR	0	0	260	115	0	0	0	0.00	8.20	0
CO7202	CO7203	20.43	1 1-	4ACSR	0	0	259	115	0	0	0	0.00	8.20	0
CO6966	CO7072	17.64	1 1-	4ACSR	0	0	356	132	3	0	0	0.00	8.17	0
CO6965	CO6961	16.63	1 1-	4ACSR	0	0	410	139	8	1	1	0.00	8.03	0
CO6964	CO7055	16.43	1 1-	4ACSR	0	0	422	140	8	1	1	0.00	7.99	0
CO17447	CO17475	16.00	2 1-	4ACSR	0	0	451	144	10	1	1	0.00	7.84	0
CO17448	CO17447	16.17	1 1-	4ACSR	0	0	439	142	0	0	0	0.00	7.84	0
CO17449	CO17448	16.20	1 1-	4ACSR	0	0	437	142	0	0	0	0.00	7.84	0
CO17385	CO17363	15.40	0 1-	4ACSR	0	0	497	149	0	0	0	0.00	7.43	0
CO17383	CO17432	15.15	2 1-	4ACSR	0	0	519	151	5	0	1	0.00	7.34	0
CO17382	CO17432	15.15	1 1-	4ACSR	0	0	519	151	6	0	1	0.00	7.34	0
CO17381	CO17362	14.64	1 1-	4ACSR	0	0	568	156	6	0	1	0.00	6.84	0
CO17379	CO17523	14.12	1 1-	4ACSR	0	0	625	161	4	0	0	0.00	6.20	0
CO17614+	CO17699	13.45	0 1-	4ACSR	0	0	592	260	0	0	0	0.00	5.12	0
CO30676+	CO17705	13.14	0 3-	1/0ACSR	790	741	607	262	0	0	0	0.00	5.01	0
CO17717+	CO17720	12.68	6 1-	1/0ACSR	0	0	628	266	22	1	1	0.00	4.86	0
CO17718+	CO17717	12.75	5 1-	1/0ACSR	0	0	624	265	16	1	0	0.00	4.86	0
CO17714+	CO17718	12.81	2 1-	1/0ACSR	0	0	622	265	12	0	0	0.00	4.86	0
CO17715+	CO17714	12.87	1 1-	1/0ACSR	0	0	619	264	9	0	0	0.00	4.86	0
CO17716+	CO17718	12.78	3 1-	1/0ACSR	0	0	623	265	3	0	0	0.00	4.86	0
CO739464024+	CO17716	12.83	1 1-	2ACSR	0	0	620	265	0	0	0	0.00	4.86	0
CO17728+	CO17731	12.19	3 1-	4ACSR	0	0	647	268	11	0	1	0.00	4.68	0
CO17729+	CO17728	12.25	2 1-	4ACSR	0	0	643	268	10	0	1	0.00	4.68	0
CO17607+	CO17585	11.89	1 1-	4ACSR	0	0	665	272	3	0	0	0.00	4.61	0
CO17601+	CO17582	11.80	1 1-	4ACSR	0	0	667	272	6	0	0	0.00	4.55	0
CO17687+	CO17582	11.87	9 1-	4ACSR	0	0	662	271	25	1	1	0.01	4.56	0
CO-1519833008+	CO17687	11.93	1 1-	2ACSR	0	0	658	270	10	0	0	0.00	4.56	0
CO17688+	CO17687	11.97	7 1-	4ACSR	0	0	655	269	15	1	1	0.00	4.56	0
CO17604+	CO17688	12.05	1 1-	4ACSR	0	0	649	268	9	0	0	0.00	4.56	0
CO17583+	CO17688	12.06	5 1-	4ACSR	0	0	648	268	6	0	0	0.00	4.56	0
CO17691+	CO17583	12.12	3 1-	4ACSR	0	0	644	267	5	0	0	0.00	4.56	0
CO17692+	CO17691	12.19	2 1-	4ACSR	0	0	640	266	4	0	0	0.00	4.57	0
CO17695+	CO17692	12.40	2 1-	4ACSR	0	0	625	263	4	0	0	0.00	4.57	0
CO17696+	CO17695	12.46	2 1-	4ACSR	0	0	621	262	4	0	0	0.00	4.57	0
CO17603+	CO17696	12.58	1 1-	4ACSR	0	0	614	261	4	0	0	0.00	4.57	0
CO17602+	CO17696	12.54	0 1-	4ACSR	0	0	616	261	0	0	0	0.00	4.57	0
CO17693+	CO17692	12.37	0 1-	4ACSR	0	0	627	263	0	0	0	0.00	4.57	0
CO17694+	CO17693	12.48	0 1-	4ACSR	0	0	620	262	0	0	0	0.00	4.57	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17689+	CO17583	12.31	2 1-	4ACSR	0	0	631	264	0	0	0	0.00	4.56	0
CO629591687+	CO17689	12.38	1 1-	2ACSR	0	0	627	264	0	0	0	0.00	4.56	0
CO1450001574+	CO629591687	12.55	1 1-	2ACSR	0	0	619	262	0	0	0	0.00	4.56	0
CO705913237+	CO1450001574	12.62	1 1-	2ACSR	0	0	615	261	0	0	0	0.00	4.56	0
CO1345986599+	CO705913237	12.67	1 1-	2ACSR	0	0	612	261	0	0	0	0.00	4.56	0
CO317080317+	CO17689	12.35	0 1-	2ACSR	0	0	629	264	0	0	0	0.00	4.56	0
CO17685+	CO17678	11.66	5 1-	4ACSR	0	0	675	273	20	1	1	0.00	4.51	0
CO17686+	CO17685	11.70	5 1-	4ACSR	0	0	672	272	20	1	1	0.00	4.52	0
CO17599+	CO17686	11.80	1 1-	4ACSR	0	0	665	271	3	0	0	0.00	4.52	0
CO17683+	CO17686	11.77	4 1-	4ACSR	0	0	667	271	17	1	1	0.00	4.52	0
CO17684+	CO17683	11.80	1 1-	4ACSR	0	0	665	271	3	0	0	0.00	4.52	0
CO17681+	CO17683	11.79	3 1-	4ACSR	0	0	666	271	14	1	1	0.00	4.52	0
CO17682+	CO17681	11.82	3 1-	4ACSR	0	0	663	270	14	1	1	0.00	4.52	0
CO17680+	CO17682	11.86	3 1-	4ACSR	0	0	660	270	14	1	1	0.00	4.52	0
CO17679+	CO17680	11.93	1 1-	4ACSR	0	0	655	269	9	0	0	0.00	4.52	0
CO17597+	CO17581	11.18	1 1-	4ACSR	0	0	701	277	2	0	0	0.00	4.34	0
CO17675+	CO17676	11.12	1 1-	4ACSR	0	0	705	277	9	0	0	0.00	4.32	0
CO17983+	CO17966	10.81	1 1-	4ACSR	0	0	722	279	8	0	0	0.00	4.18	0
CO17967+	CO17966	10.69	0 3-	1/0ACSR	935	875	732	281	0	-7	3	0.00	4.18	0
CA65+	CO17967	10.69	0 3-	Capacitor	935	875	732	281	0	-7	0	0.00	4.18	0
CO17982+	CO23787	10.01	1 1-	1/0ACSR	0	0	776	287	1	0	0	0.00	3.92	0
CO19953+	OC602	9.84	0 3-	1/0ACSR	998	934	788	288	0	0	0	0.00	3.89	0
RG34+	CO19953	9.84	0 3-	100	998	934	788	288	0	0	0	-3.89	0.00	0
CO19869+	CO23786	9.34	1 1-	4ACSR	0	0	816	291	6	0	0	0.00	3.61	0
CO17995+	CO18027	9.11	2 1-	4ACSR	0	0	836	294	10	0	1	0.00	3.53	0
CO17996+	CO17995	9.12	2 1-	4ACSR	0	0	834	293	10	0	1	0.00	3.53	0
CO17960+	CO17959	7.88	185 3-	1/0ACSR	1156	1081	937	305	577	13	6	0.01	2.97	5
CO18035+	CO17960	7.88	185 3-	1/0ACSR	1155	1081	936	305	577	13	6	0.00	2.97	0
OC546+	CO18035	7.88	185 3-	70 L OCR	1155	1081	936	305	577	13	20	0.00	2.97	0
XFMR48	OC546	7.88	185 3-	333 KVA 1PH AUT	884	861	812	171	577	13	60	0.85	3.82	0
CO18036	XFMR48	8.01	185 3-	1/0ACSR	871	847	796	170	577	27	12	0.06	3.88	55
CO17961	CO18036	8.14	182 3-	1/0ACSR	858	832	779	169	561	27	12	0.07	3.95	57
CO17962	CO17961	8.48	182 3-	1/0ACSR	825	797	739	168	560	27	12	0.17	4.13	144
CO18038	CO17962	8.66	182 3-	1/0ACSR	809	779	719	167	560	27	12	0.09	4.21	74
CO17973	CO18038	8.76	2 1-	4ACSR	0	0	705	166	1	0	0	0.00	4.21	0
CO17954	CO18038	8.91	180 3-	1/0ACSR	786	754	692	165	559	27	12	0.13	4.35	109
CO18008	CO17954	9.07	179 3-	1/0ACSR	772	740	677	165	549	26	12	0.08	4.42	63
CO17987	CO18008	9.11	1 1-	4ACSR	0	0	672	164	4	0	0	0.00	4.42	0
CO18009	CO18008	9.12	178 3-	1/0ACSR	768	735	672	164	545	26	12	0.03	4.45	22
CO30547	CO18009	9.18	0 1-	4ACSR	0	0	665	164	0	0	0	0.00	4.45	0
CO17955	CO18009	9.22	177 3-	1/0ACSR	760	727	663	164	544	26	12	0.05	4.50	38
CO17956	CO17955	9.36	177 3-	1/0ACSR	748	714	650	163	544	26	12	0.07	4.57	57
CO23828	CO17956	9.86	177 3-	1/0ACSR	710	673	607	161	544	26	12	0.25	4.82	202
CO17754	CO23828	9.94	173 3-	1/0ACSR	704	667	601	160	534	26	11	0.04	4.85	30
CO17833	CO17754	10.16	1 1-	4ACSR	0	0	577	158	1	0	0	0.00	4.85	0
CO17823	CO17754	10.01	172 3-	1/0ACSR	699	662	595	160	533	25	11	0.03	4.89	26
CO17824	CO17823	10.08	171 3-	1/0ACSR	694	656	590	160	531	25	11	0.04	4.92	29
CO17822	CO17824	10.17	170 3-	1/0ACSR	687	650	583	159	531	25	11	0.04	4.97	33
CO17821	CO17822	10.30	170 3-	1/0ACSR	678	640	573	158	530	25	11	0.07	5.03	51
CO17820	CO17821	10.42	168 3-	1/0ACSR	670	632	565	158	526	25	11	0.06	5.09	45
CO17755	CO17820	10.46	97 3-	4ACSR	666	628	561	158	311	15	11	0.02	5.11	13
CO17790	CO17755	10.52	1 3-	4ACSR	660	621	555	157	3	0	0	0.00	5.11	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17791	CO17790	10.55	0 3-	4ACSR	658	619	553	157	0	0	0	0.00	5.11	0
CO17756	CO17755	10.53	96 1-	4ACSR	0	0	555	157	308	45	32	0.14	5.25	73
CO17829	CO17756	10.53	95 1-	4ACSR	0	0	554	157	305	44	32	0.01	5.27	7
OC539	CO17829	10.53	95 1-	50 H OCR	0	0	554	157	305	44	90	0.00	5.27	0
CO17830	OC539	10.72	95 1-	4ACSR	0	0	537	155	305	44	32	0.39	5.66	198
CO17764	CO17830	10.79	1 1-	4ACSR	0	0	531	154	6	0	1	0.00	5.66	0
CO17792	CO17830	10.78	94 1-	4ACSR	0	0	532	155	298	43	31	0.12	5.78	62
CO17793	CO17792	10.85	92 1-	4ACSR	0	0	526	154	295	43	31	0.14	5.92	69
CO17794	CO17793	11.33	92 1-	4ACSR	0	0	486	150	294	43	31	1.00	6.92	494
CO17765	CO17794	11.42	1 1-	4ACSR	0	0	480	149	5	0	1	0.00	6.93	0
CO17795	CO17794	11.52	91 1-	4ACSR	0	0	472	148	287	42	31	0.38	7.30	182
CO17796	CO17795	11.80	91 1-	4ACSR	0	0	452	146	286	42	31	0.56	7.86	270
CO17757	CO17796	11.91	77 1-	4ACSR	0	0	444	145	256	38	27	0.20	8.06	89
CO17758	CO17757	12.11	75 1-	4ACSR	0	0	431	143	239	35	26	0.33	8.39	132
CO17797	CO17758	12.13	72 1-	4ACSR	0	0	430	143	224	33	24	0.03	8.42	12
CO17798	CO17797	12.24	71 1-	4ACSR	0	0	423	142	221	33	24	0.18	8.60	67
CO17799	CO17798	12.34	71 1-	4ACSR	0	0	417	141	221	33	24	0.15	8.75	56
CO17759	CO17799	12.55	69 1-	4ACSR	0	0	404	140	218	32	24	0.33	9.08	125
CO17760	CO17759	12.75	68 1-	4ACSR	0	0	394	138	217	32	24	0.30	9.38	112
CO30636	CO17760	13.27	66 1-	4ACSR	0	0	366	134	215	32	23	0.81	10.20	302
CO7182	CO30636	13.36	66 1-	4ACSR	0	0	362	134	213	32	23	0.13	10.33	48
CO7181	CO7182	13.47	66 1-	4ACSR	0	0	357	133	213	32	23	0.17	10.50	64
CO7180	CO7181	13.56	66 1-	4ACSR	0	0	353	132	213	32	23	0.14	10.64	51
CO7179	CO7180	13.58	66 1-	4ACSR	0	0	352	132	213	32	23	0.03	10.66	11
CO7176	CO7179	13.72	0 1-	4ACSR	0	0	346	131	0	0	0	0.00	10.66	0
CO7175	CO7179	13.76	66 1-	4ACSR	0	0	344	131	213	32	23	0.28	10.94	103
CO7178	CO7175	13.89	65 1-	4ACSR	0	0	338	130	209	32	23	0.20	11.14	73
CO8365	CO7178	14.11	64 1-	4ACSR	0	0	329	129	206	31	23	0.33	11.47	119
CO7232	CO8365	14.20	1 1-	4ACSR	0	0	326	128	3	0	0	0.00	11.47	0
CO7217	CO8365	14.19	63 1-	4ACSR	0	0	326	128	202	31	22	0.11	11.58	39
CO7233	CO7217	14.26	1 1-	4ACSR	0	0	324	128	1	0	0	0.00	11.58	0
CO7218	CO7217	14.31	62 1-	4ACSR	0	0	322	128	200	30	22	0.17	11.75	61
CO7280	CO7218	14.39	60 1-	4ACSR	0	0	319	127	192	29	21	0.12	11.87	39
CO7281	CO7280	14.49	60 1-	4ACSR	0	0	315	126	192	29	21	0.15	12.02	50
CO7244	CO7281	14.57	1 1-	4ACSR	0	0	312	126	8	1	1	0.00	12.02	0
CO7282	CO7281	14.85	59 1-	4ACSR	0	0	302	124	184	28	20	0.47	12.49	154
CO7283	CO7282	15.04	58 1-	4ACSR	0	0	296	123	183	28	20	0.27	12.76	86
CO7219	CO7283	15.17	55 1-	4ACSR	0	0	292	122	178	27	20	0.17	12.93	54
CO7236	CO7219	15.22	2 1-	4ACSR	0	0	290	122	5	0	1	0.00	12.93	0
CO7306	CO7219	15.18	53 1-	4ACSR	0	0	291	122	173	27	19	0.01	12.94	3
OC196	CO7306	15.18	53 1-	35 H OCR	0	0	291	122	173	27	77	0.00	12.94	0
CO7307	OC196	15.30	53 1-	4ACSR	0	0	288	121	173	27	19	0.15	13.09	46
CO7284	CO7307	15.36	51 1-	4ACSR	0	0	286	121	169	26	19	0.08	13.16	23
CO7285	CO7284	15.48	50 1-	4ACSR	0	0	282	120	165	25	18	0.15	13.31	44
CO7245	CO7285	15.67	50 1-	4ACSR	0	0	276	119	165	25	18	0.23	13.54	68
CO7246	CO7245	15.78	48 1-	4ACSR	0	0	273	119	158	24	18	0.13	13.67	36
CO7247	CO7246	16.00	48 1-	4ACSR	0	0	267	118	157	24	18	0.25	13.92	71
CO7221	CO7247	16.05	34 1-	4ACSR	0	0	266	117	91	14	10	0.03	13.96	6
CO7242	CO7221	16.10	1 1-	2ACSR	0	0	265	117	2	0	0	0.00	13.96	0
CO7239	CO7221	16.11	1 1-	4ACSR	0	0	264	117	0	0	0	0.00	13.96	0
CO7222	CO7221	16.09	32 1-	4ACSR	0	0	265	117	89	14	10	0.03	13.99	5
CO7223	CO7222	16.21	31 1-	4ACSR	0	0	262	116	87	13	10	0.08	14.06	12

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO7258	CO7223	16.25	30 1-	4ACSR	0	0	261	116	87	13	10	0.02	14.09	4
CO8363	CO7258	16.52	30 1-	4ACSR	0	0	254	115	87	13	10	0.18	14.26	28
CO7114	CO8363	16.54	2 1-	4ACSR	0	0	253	115	4	0	0	0.00	14.26	0
CO7115	CO7114	16.89	1 1-	4ACSR	0	0	245	113	2	0	0	0.01	14.27	0
CO7116	CO7115	17.02	1 1-	4ACSR	0	0	242	112	2	0	0	0.00	14.27	0
CO7117	CO7116	17.04	1 1-	4ACSR	0	0	242	112	2	0	0	0.00	14.27	0
CO7118	CO7117	17.36	1 1-	4ACSR	0	0	235	111	2	0	0	0.01	14.28	0
CO7119	CO7118	17.44	1 1-	4ACSR	0	0	233	110	2	0	0	0.00	14.28	0
CO7120	CO7119	17.49	1 1-	4ACSR	0	0	232	110	2	0	0	0.00	14.28	0
CO7121	CO7120	17.54	1 1-	4ACSR	0	0	231	110	2	0	0	0.00	14.28	0
CO7101	CO8363	16.61	28 1-	4ACSR	0	0	252	114	83	13	9	0.05	14.32	8
CO7122	CO7101	16.67	28 1-	4ACSR	0	0	250	114	82	13	9	0.04	14.35	5
CO7123	CO7122	16.81	27 1-	4ACSR	0	0	247	113	78	12	9	0.08	14.44	11
CO7124	CO7123	17.06	26 1-	4ACSR	0	0	241	112	75	11	9	0.14	14.58	19
CO7128	CO7124	17.13	25 1-	4ACSR	0	0	240	112	69	10	8	0.03	14.61	4
CO7129	CO7128	17.14	24 1-	4ACSR	0	0	239	112	67	10	8	0.01	14.62	0
CO7127	CO7129	17.32	24 1-	4ACSR	0	0	236	111	67	10	8	0.09	14.71	11
CO7173	CO7127	17.33	6 1-	4ACSR	0	0	235	111	18	2	2	0.00	14.71	0
OC193	CO7173	17.33	6 1-	15 H OCR	0	0	235	111	18	2	19	0.00	14.71	0
CO7174	OC193	17.44	6 1-	4ACSR	0	0	233	110	18	2	2	0.02	14.72	0
CO7144	CO7174	17.50	6 1-	4ACSR	0	0	232	110	18	2	2	0.01	14.73	0
CO7107	CO7144	17.60	1 1-	4ACSR	0	0	230	110	4	0	0	0.00	14.73	0
CO7145	CO7144	17.80	5 1-	4ACSR	0	0	226	109	13	2	2	0.03	14.76	0
CO7146	CO7145	17.96	5 1-	4ACSR	0	0	223	108	13	2	2	0.02	14.78	0
CO7147	CO7146	18.09	5 1-	4ACSR	0	0	220	107	13	2	2	0.01	14.79	0
CO7148	CO7147	18.18	5 1-	4ACSR	0	0	218	107	13	2	2	0.01	14.80	0
CO7149	CO7148	18.29	5 1-	4ACSR	0	0	217	106	13	2	2	0.01	14.81	0
CO7156	CO7149	18.33	4 1-	4ACSR	0	0	216	106	2	0	0	0.00	14.81	0
CO7157	CO7156	18.48	4 1-	4ACSR	0	0	213	106	2	0	0	0.00	14.81	0
CO7169	CO7157	18.60	3 1-	4ACSR	0	0	211	105	1	0	0	0.00	14.81	0
CO7170	CO7169	18.87	2 1-	4ACSR	0	0	206	104	1	0	0	0.00	14.82	0
CO7171	CO7170	18.95	2 1-	4ACSR	0	0	205	103	1	0	0	0.00	14.82	0
CO7105	CO7171	18.99	1 1-	4ACSR	0	0	205	103	0	0	0	0.00	14.82	0
CO7104	CO7171	19.19	1 1-	4ACSR	0	0	201	102	1	0	0	0.00	14.82	0
CO7158	CO7157	18.76	1 1-	4ACSR	0	0	208	104	0	0	0	0.00	14.81	0
CO7159	CO7158	18.84	1 1-	4ACSR	0	0	207	104	0	0	0	0.00	14.81	0
CO7160	CO7159	19.07	1 1-	4ACSR	0	0	203	103	0	0	0	0.00	14.81	0
CO7161	CO7160	19.15	1 1-	4ACSR	0	0	202	103	0	0	0	0.00	14.81	0
CO7162	CO7161	19.17	1 1-	4ACSR	0	0	202	103	0	0	0	0.00	14.81	0
CO7163	CO7162	19.29	1 1-	4ACSR	0	0	200	102	0	0	0	0.00	14.81	0
CO7164	CO7163	19.35	1 1-	4ACSR	0	0	199	102	0	0	0	0.00	14.81	0
CO7165	CO7164	19.40	1 1-	4ACSR	0	0	198	102	0	0	0	0.00	14.81	0
CO7166	CO7165	19.46	1 1-	4ACSR	0	0	197	101	0	0	0	0.00	14.81	0
CO7167	CO7166	19.60	1 1-	4ACSR	0	0	195	101	0	0	0	0.00	14.82	0
CO7168	CO7167	19.69	1 1-	4ACSR	0	0	194	100	0	0	0	0.00	14.82	0
CO7150	CO7149	18.38	1 1-	4ACSR	0	0	215	106	12	1	1	0.01	14.82	0
CO7151	CO7150	18.49	1 1-	4ACSR	0	0	213	105	12	1	1	0.01	14.83	0
CO7152	CO7151	18.55	1 1-	4ACSR	0	0	212	105	12	1	1	0.00	14.83	0
CO7153	CO7152	18.61	1 1-	4ACSR	0	0	211	105	12	1	1	0.01	14.84	0
CO7154	CO7153	18.68	1 1-	4ACSR	0	0	210	105	12	1	1	0.01	14.84	0
CO7155	CO7154	18.75	1 1-	4ACSR	0	0	209	104	12	1	1	0.00	14.85	0
CO7130	CO7127	17.35	18 1-	4ACSR	0	0	235	111	49	7	6	0.01	14.72	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7131	CO7130	17.51	17 1-	4ACSR	0	0	232	110	45	7	5	0.05	14.77	4
CO7132	CO7131	17.62	17 1-	4ACSR	0	0	229	109	45	7	5	0.04	14.80	3
CO7133	CO7132	17.64	15 1-	4ACSR	0	0	229	109	36	5	4	0.00	14.81	0
CO7134	CO7133	17.66	14 1-	4ACSR	0	0	229	109	29	4	3	0.00	14.81	0
CO7172	CO7134	17.67	14 1-	750 MCM - 42 Wi	0	0	228	109	29	4	0	0.00	14.81	0
OC194	CO7172	17.67	14 1-	10 H OCR	0	0	228	109	29	4	47	0.00	14.81	0
CO7140	OC194	17.74	7 1-	4ACSR	0	0	227	109	18	2	2	0.01	14.82	0
CO7141	CO7140	18.00	6 1-	4ACSR	0	0	222	108	18	2	2	0.04	14.86	0
CO7102	CO7141	18.18	5 1-	4ACSR	0	0	219	107	18	2	2	0.03	14.88	0
CO7142	CO7102	18.42	5 1-	4ACSR	0	0	214	106	18	2	2	0.03	14.92	0
CO7143	CO7142	18.68	5 1-	4ACSR	0	0	210	105	18	2	2	0.03	14.95	0
CO8301	CO7143	18.92	4 1-	4ACSR	0	0	206	104	16	2	2	0.02	14.97	0
CO4690	CO8301	18.99	2 1-	4ACSR	0	0	205	103	5	0	1	0.00	14.97	0
CO4691	CO4690	19.02	2 1-	4ACSR	0	0	204	103	5	0	1	0.00	14.97	0
CO4692	CO4691	19.10	0 1-	4ACSR	0	0	203	103	0	0	0	0.00	14.97	0
CO7103	CO7102	18.48	0 1-	4ACSR	0	0	213	105	0	0	0	0.00	14.88	0
CO7100	CO7103	18.56	0 1-	4ACSR	0	0	212	105	0	0	0	0.00	14.88	0
CO7108	CO7141	18.04	1 1-	4ACSR	0	0	221	107	0	0	0	0.00	14.86	0
CO7135	OC194	17.73	7 1-	4ACSR	0	0	227	109	11	1	1	0.01	14.82	0
CO7136	CO7135	17.80	7 1-	4ACSR	0	0	226	109	11	1	1	0.01	14.82	0
CO7137	CO7136	17.91	6 1-	4ACSR	0	0	224	108	11	1	1	0.01	14.83	0
CO7111	CO7137	17.96	3 1-	4ACSR	0	0	223	108	3	0	0	0.00	14.83	0
CO7138	CO7137	18.01	3 1-	4ACSR	0	0	222	108	8	1	1	0.01	14.84	0
CO-1432945604	CO7138	18.06	1 1-	2ACSR	0	0	221	107	2	0	0	0.00	14.84	0
CO7139	CO7138	18.33	2 1-	4ACSR	0	0	216	106	6	0	1	0.01	14.85	0
CO7110	CO7139	18.49	1 1-	4ACSR	0	0	213	105	5	0	1	0.00	14.86	0
CO7109	CO7139	18.38	1 1-	4ACSR	0	0	215	106	1	0	0	0.00	14.85	0
CO7125	CO7124	17.14	1 1-	4ACSR	0	0	239	112	7	1	1	0.00	14.58	0
CO7126	CO7125	17.16	1 1-	4ACSR	0	0	239	112	7	1	1	0.00	14.58	0
CO7106	CO7101	16.64	0 1-	4ACSR	0	0	251	114	0	0	0	0.00	14.32	0
CO7241	CO7223	16.28	1 1-	4ACSR	0	0	260	116	0	0	0	0.00	14.06	0
CO7240	CO7222	16.16	1 1-	4ACSR	0	0	263	117	1	0	0	0.00	13.99	0
CO7220	CO7247	16.11	14 1-	4ACSR	0	0	264	117	66	10	7	0.05	13.97	6
CO7304	CO7220	16.11	12 1-	4ACSR	0	0	264	117	54	8	6	0.00	13.98	0
OC195	CO7304	16.11	12 1-	10 H OCR	0	0	264	117	54	8	86	0.00	13.98	0
CO7305	OC195	16.40	12 1-	4ACSR	0	0	257	115	54	8	6	0.12	14.09	11
CO7238	CO7305	16.45	0 1-	4ACSR	0	0	256	115	0	0	0	0.00	14.09	0
CO7288	CO7305	16.56	12 1-	4ACSR	0	0	253	115	54	8	6	0.07	14.16	6
CO7289	CO7288	16.80	11 1-	4ACSR	0	0	247	113	54	8	6	0.10	14.26	10
CO7248	CO7289	16.90	0 1-	4ACSR	0	0	245	113	0	0	0	0.00	14.26	0
CO7290	CO7248	16.96	0 1-	4ACSR	0	0	244	113	0	0	0	0.00	14.26	0
CO7291	CO7290	17.05	0 1-	4ACSR	0	0	241	112	0	0	0	0.00	14.26	0
CO7249	CO7291	17.15	0 1-	4ACSR	0	0	239	112	0	0	0	0.00	14.26	0
CO7292	CO7289	16.97	11 1-	4ACSR	0	0	243	113	54	8	6	0.07	14.32	6
CO7308	CO7292	17.09	10 1-	4ACSR	0	0	241	112	51	7	6	0.04	14.37	4
CO7250	CO7308	17.14	10 1-	4ACSR	0	0	239	112	50	7	6	0.02	14.39	0
CO7251	CO7250	17.24	8 1-	4ACSR	0	0	237	111	37	5	4	0.03	14.41	0
CO7293	CO7251	17.36	7 1-	4ACSR	0	0	235	111	35	5	4	0.03	14.44	0
CO7294	CO7293	17.41	7 1-	4ACSR	0	0	234	110	35	5	4	0.01	14.45	0
CO7252	CO7294	17.51	6 1-	4ACSR	0	0	232	110	32	5	4	0.02	14.48	0
CO7253	CO7252	17.73	6 1-	4ACSR	0	0	227	109	32	5	4	0.06	14.53	3
CO7302	CO7253	17.80	6 1-	4ACSR	0	0	226	109	32	5	4	0.02	14.55	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7243	CO7302	17.86	2 1-	2ACSR	0	0	225	108	10	1	1	0.00	14.55	0
CO7303	CO7302	17.88	4 1-	4ACSR	0	0	224	108	23	3	3	0.01	14.56	0
CO7301	CO7303	18.06	3 1-	4ACSR	0	0	221	107	18	2	2	0.02	14.59	0
CO7297	CO7301	18.11	3 1-	4ACSR	0	0	220	107	18	2	2	0.01	14.59	0
CO7298	CO7297	18.41	3 1-	4ACSR	0	0	214	106	18	2	2	0.04	14.63	0
CO7295	CO7298	18.45	3 1-	4ACSR	0	0	214	106	18	2	2	0.00	14.64	0
CO7296	CO7295	18.61	2 1-	4ACSR	0	0	211	105	15	2	2	0.02	14.66	0
CO7254	CO7296	18.92	2 1-	4ACSR	0	0	206	104	15	2	2	0.04	14.69	0
CO7256	CO7254	19.03	1 1-	2ACSR	0	0	204	103	4	0	0	0.00	14.69	0
CO7257	CO7256	19.17	1 1-	2ACSR	0	0	203	103	4	0	0	0.00	14.69	0
CO7255	CO7254	19.04	1 1-	4ACSR	0	0	204	103	11	1	1	0.00	14.70	0
CO7231	CO7250	17.20	2 1-	4ACSR	0	0	238	111	14	2	2	0.00	14.39	0
CO7237	CO7220	16.22	1 1-	4ACSR	0	0	261	116	5	0	1	0.00	13.98	0
CO7286	CO7245	15.71	2 1-	4ACSR	0	0	275	119	7	1	1	0.00	13.55	0
CO7287	CO7286	15.76	1 1-	4ACSR	0	0	274	119	2	0	0	0.00	13.55	0
CO7235	CO7283	15.12	2 1-	4ACSR	0	0	293	123	3	0	0	0.00	12.76	0
CO7234	CO7218	14.39	2 1-	4ACSR	0	0	319	127	7	1	1	0.00	11.76	0
CO7177	CO7175	13.89	1 1-	4ACSR	0	0	339	130	3	0	0	0.00	10.94	0
CO17804	CO17760	12.84	2 1-	4ACSR	0	0	389	138	2	0	0	0.00	9.38	0
CO17805	CO17804	12.88	1 1-	4ACSR	0	0	386	137	2	0	0	0.00	9.38	0
CO17769	CO17759	12.61	1 1-	4ACSR	0	0	401	139	0	0	0	0.00	9.08	0
CO17800	CO17799	12.41	2 1-	4ACSR	0	0	413	141	2	0	0	0.00	8.75	0
CO17801	CO17800	12.45	1 1-	4ACSR	0	0	410	140	0	0	0	0.00	8.75	0
CO17802	CO17801	12.47	1 1-	4ACSR	0	0	409	140	0	0	0	0.00	8.75	0
CO17803	CO17802	12.56	1 1-	4ACSR	0	0	404	140	0	0	0	0.00	8.75	0
CO17768	CO17758	12.19	1 1-	4ACSR	0	0	426	142	3	0	0	0.00	8.39	0
CO17767	CO17757	11.99	1 1-	4ACSR	0	0	439	144	14	2	1	0.00	8.07	0
CO17831	CO17796	11.80	14 1-	4ACSR	0	0	452	146	29	4	3	0.00	7.86	0
OC538	CO17831	11.80	14 1-	25 H OCR	0	0	452	146	29	4	17	0.00	7.86	0
CO17832	OC538	11.88	14 1-	4ACSR	0	0	446	145	29	4	3	0.02	7.87	0
CO17766	CO17832	11.94	1 1-	4ACSR	0	0	443	144	8	1	1	0.00	7.88	0
CO17806	CO17832	12.19	13 1-	4ACSR	0	0	426	142	20	3	2	0.04	7.92	0
CO17807	CO17806	12.36	13 1-	4ACSR	0	0	416	141	20	3	2	0.02	7.94	0
CO17808	CO17807	12.49	13 1-	4ACSR	0	0	408	140	20	3	2	0.02	7.96	0
CO17809	CO17808	12.62	13 1-	4ACSR	0	0	400	139	20	3	2	0.02	7.98	0
CO17819	CO17809	12.78	9 1-	4ACSR	0	0	392	138	5	0	1	0.01	7.99	0
CO30637	CO17819	13.08	9 1-	4ACSR	0	0	376	136	5	0	1	0.01	8.00	0
CO7183	CO30637	13.39	9 1-	4ACSR	0	0	361	134	5	0	1	0.01	8.01	0
CO7184	CO7183	13.41	9 1-	4ACSR	0	0	360	133	5	0	1	0.00	8.01	0
CO7185	CO7184	13.73	9 1-	4ACSR	0	0	345	131	5	0	1	0.01	8.02	0
CO7186	CO7185	13.84	9 1-	4ACSR	0	0	341	131	5	0	1	0.00	8.02	0
CO7187	CO7186	13.97	9 1-	4ACSR	0	0	335	130	5	0	1	0.00	8.03	0
CO7188	CO7187	14.13	9 1-	4ACSR	0	0	329	129	5	0	1	0.01	8.03	0
CO7189	CO7188	14.31	9 1-	4ACSR	0	0	322	127	5	0	1	0.01	8.04	0
CO7190	CO7189	14.38	9 1-	4ACSR	0	0	319	127	5	0	1	0.00	8.04	0
CO7191	CO7190	14.58	9 1-	4ACSR	0	0	312	126	5	0	1	0.01	8.05	0
CO7192	CO7191	14.81	9 1-	4ACSR	0	0	304	124	5	0	1	0.01	8.06	0
CO7193	CO7192	14.91	9 1-	4ACSR	0	0	300	124	5	0	1	0.00	8.06	0
CO7194	CO7193	14.99	9 1-	4ACSR	0	0	297	123	5	0	1	0.00	8.06	0
CO7195	CO7194	15.03	9 1-	4ACSR	0	0	296	123	5	0	1	0.00	8.06	0
CO7196	CO7195	15.07	8 1-	4ACSR	0	0	295	123	5	0	1	0.00	8.06	0
CO7197	CO7196	15.12	8 1-	4ACSR	0	0	293	123	5	0	1	0.00	8.07	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7198	CO7197	15.21	7 1-	4ACSR	0	0	290	122	1	0	0	0.00	8.07	0
CO7199	CO7198	15.30	6 1-	4ACSR	0	0	287	121	1	0	0	0.00	8.07	0
CO7200	CO7199	15.37	6 1-	4ACSR	0	0	285	121	1	0	0	0.00	8.07	0
CO7201	CO7200	15.40	4 1-	4ACSR	0	0	285	121	0	0	0	0.00	8.07	0
CO8362	CO7201	15.41	4 1-	4ACSR	0	0	284	121	0	0	0	0.00	8.07	0
CO7079	CO8362	15.50	4 1-	4ACSR	0	0	282	120	0	0	0	0.00	8.07	0
CO7080	CO7079	15.55	4 1-	4ACSR	0	0	280	120	0	0	0	0.00	8.07	0
CO7081	CO7080	15.68	4 1-	4ACSR	0	0	276	119	0	0	0	0.00	8.07	0
CO7082	CO7081	15.81	4 1-	4ACSR	0	0	272	119	0	0	0	0.00	8.07	0
CO7083	CO7082	15.89	4 1-	4ACSR	0	0	270	118	0	0	0	0.00	8.07	0
CO7078	CO7083	15.97	1 1-	4ACSR	0	0	268	118	0	0	0	0.00	8.07	0
CO7084	CO7083	15.99	3 1-	4ACSR	0	0	268	118	0	0	0	0.00	8.07	0
CO7085	CO7084	16.05	2 1-	4ACSR	0	0	266	117	0	0	0	0.00	8.07	0
CO7086	CO7085	16.17	1 1-	4ACSR	0	0	263	117	0	0	0	0.00	8.07	0
CO17810	CO17809	12.70	4 1-	4ACSR	0	0	396	139	15	2	2	0.00	7.98	0
CO17811	CO17810	12.74	3 1-	4ACSR	0	0	394	138	0	0	0	0.00	7.98	0
CO17812	CO17811	12.79	2 1-	4ACSR	0	0	391	138	0	0	0	0.00	7.98	0
CO17813	CO17812	12.90	2 1-	4ACSR	0	0	385	137	0	0	0	0.00	7.98	0
CO17814	CO17813	12.97	2 1-	4ACSR	0	0	382	137	0	0	0	0.00	7.98	0
CO17815	CO17814	13.03	2 1-	4ACSR	0	0	378	136	0	0	0	0.00	7.98	0
CO17816	CO17815	13.09	2 1-	4ACSR	0	0	375	136	0	0	0	0.00	7.98	0
CO17817	CO17816	13.21	2 1-	4ACSR	0	0	369	135	0	0	0	0.00	7.98	0
CO17818	CO17817	13.36	2 1-	4ACSR	0	0	362	134	0	0	0	0.00	7.98	0
CO-130678255	CO17818	13.49	1 1-	2ACSR	0	0	357	133	0	0	0	0.00	7.98	0
CO1670055075	CO-130678255	13.73	1 1-	2ACSR	0	0	349	132	0	0	0	0.00	7.98	0
CO-1500553810	CO1670055075	13.93	1 1-	2ACSR	0	0	342	131	0	0	0	0.00	7.98	0
CO1636660624	CO-1500553810	14.10	0 1-	2ACSR	0	0	336	130	0	0	0	0.00	7.98	0
CO17763	CO17756	10.58	1 1-	4ACSR	0	0	550	156	3	0	0	0.00	5.25	0
CO17761	CO17820	10.47	71 1-	4ACSR	0	0	560	157	214	31	22	0.08	5.17	28
CO17788	CO17761	10.64	67 1-	4ACSR	0	0	545	156	187	27	20	0.21	5.38	65
CO17789	CO17788	10.65	65 1-	4ACSR	0	0	544	156	184	26	19	0.02	5.39	5
CO17787	CO17789	10.81	65 1-	4ACSR	0	0	530	154	183	26	19	0.20	5.59	60
CO17786	CO17787	11.06	64 1-	4ACSR	0	0	508	152	183	26	19	0.32	5.91	97
CO17827	CO17786	11.06	63 1-	4ACSR	0	0	508	152	182	26	19	0.01	5.92	3
OC540	CO17827	11.06	63 1-	50 H OCR	0	0	508	152	182	26	54	0.00	5.92	0
CO17828	OC540	11.21	63 1-	4ACSR	0	0	496	151	182	26	19	0.18	6.10	55
CO17785	CO17828	11.22	62 1-	4ACSR	0	0	495	151	177	26	19	0.01	6.11	4
CO17784	CO17785	11.30	62 1-	4ACSR	0	0	489	150	177	26	19	0.10	6.21	30
CO17780	CO17784	11.71	60 1-	4ACSR	0	0	458	146	175	25	18	0.49	6.70	140
CO17781	CO17780	11.81	59 1-	4ACSR	0	0	451	146	166	24	18	0.11	6.81	32
CO17773	CO17781	11.85	1 1-	4ACSR	0	0	449	145	13	1	1	0.00	6.81	0
CO17762	CO17781	11.85	58 1-	4ACSR	0	0	448	145	153	22	16	0.05	6.86	12
CO17774	CO17762	11.89	0 1-	4ACSR	0	0	446	145	0	0	0	0.00	6.86	0
CO17778	CO17762	11.92	58 1-	4ACSR	0	0	444	145	153	22	16	0.07	6.93	19
CO17779	CO17778	12.07	58 1-	4ACSR	0	0	434	143	153	22	16	0.16	7.09	41
CO17776	CO17779	12.18	1 1-	2ACSR	0	0	428	143	1	0	0	0.00	7.09	0
CO17777	CO17776	12.27	1 1-	2ACSR	0	0	424	142	1	0	0	0.00	7.09	0
CO17775	CO17779	12.10	57 1-	4ACSR	0	0	432	143	152	22	16	0.02	7.12	6
CO30545	CO17775	12.16	56 1-	4ACSR	0	0	428	143	145	21	15	0.06	7.18	15
CO23827	CO30545	12.24	54 1-	4ACSR	0	0	423	142	135	20	14	0.08	7.26	17
CO17898	CO23827	12.39	52 1-	4ACSR	0	0	414	141	128	19	14	0.13	7.39	27
CO17900	CO17898	12.43	50 1-	4ACSR	0	0	411	141	120	17	13	0.03	7.42	6

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17899	CO17900	12.53	49 1-	4ACSR	0	0	405	140	111	16	12	0.08	7.50	14
CO17947	CO17899	12.54	11 1-	4ACSR	0	0	405	140	9	1	1	0.00	7.50	0
OC541	CO17947	12.54	11 1-	25 H OCR	0	0	405	140	9	1	6	0.00	7.50	0
CO17948	OC541	12.89	11 1-	4ACSR	0	0	386	137	9	1	1	0.02	7.52	0
CO17901	CO17948	13.11	11 1-	4ACSR	0	0	374	136	9	1	1	0.01	7.53	0
CO17904	CO17901	13.23	0 1-	4ACSR	0	0	369	135	0	0	0	0.00	7.53	0
CO23826	CO17904	13.29	0 1-	4ACSR	0	0	365	134	0	0	0	0.00	7.53	0
CO18063	CO23826	13.42	0 1-	4ACSR	0	0	359	133	0	0	0	0.00	7.53	0
CO18091	CO18063	13.54	0 1-	4ACSR	0	0	354	133	0	0	0	0.00	7.53	0
CO18092	CO18091	13.61	0 1-	4ACSR	0	0	351	132	0	0	0	0.00	7.53	0
CO18064	CO18092	13.73	0 1-	4ACSR	0	0	346	131	0	0	0	0.00	7.53	0
CO17902	CO17901	13.15	11 1-	4ACSR	0	0	372	135	9	1	1	0.00	7.54	0
CO17903	CO17902	13.26	10 1-	4ACSR	0	0	367	134	9	1	1	0.01	7.54	0
CO23825	CO17903	13.34	9 1-	4ACSR	0	0	363	134	8	1	1	0.00	7.55	0
CO18093	CO23825	13.54	8 1-	4ACSR	0	0	354	133	6	0	1	0.01	7.55	0
CO18042	CO18093	13.84	8 1-	4ACSR	0	0	341	131	6	0	1	0.01	7.57	0
CO18043	CO18042	13.92	8 1-	4ACSR	0	0	337	130	6	0	1	0.00	7.57	0
CO30548	CO18043	14.06	8 1-	4ACSR	0	0	332	129	6	0	1	0.01	7.57	0
CO18065	CO30548	14.41	8 1-	4ACSR	0	0	318	127	6	0	1	0.01	7.59	0
CO18050	CO18065	14.47	1 1-	4ACSR	0	0	316	126	1	0	0	0.00	7.59	0
CO18094	CO18065	14.46	7 1-	4ACSR	0	0	316	127	5	0	1	0.00	7.59	0
CO18095	CO18094	14.70	7 1-	4ACSR	0	0	307	125	5	0	1	0.00	7.59	0
CO18096	CO18095	14.79	4 1-	4ACSR	0	0	304	124	0	0	0	0.00	7.59	0
CO18097	CO18096	15.00	2 1-	4ACSR	0	0	297	123	0	0	0	0.00	7.59	0
CO18049	CO18043	13.98	0 1-	4ACSR	0	0	335	130	0	0	0	0.00	7.57	0
CO18048	CO18042	13.88	0 1-	4ACSR	0	0	339	130	0	0	0	0.00	7.57	0
CO18047	CO18093	13.62	0 1-	4ACSR	0	0	350	132	0	0	0	0.00	7.55	0
CO17906	CO17899	12.57	36 1-	4ACSR	0	0	404	140	97	14	10	0.02	7.52	3
CO17905	CO17906	12.63	35 1-	4ACSR	0	0	400	139	92	13	10	0.04	7.56	6
CO17939	CO17905	12.72	3 1-	4ACSR	0	0	395	138	14	2	2	0.01	7.56	0
CO17940	CO17939	12.76	1 1-	4ACSR	0	0	393	138	4	0	0	0.00	7.56	0
CO17907	CO17905	12.71	30 1-	4ACSR	0	0	396	139	75	11	8	0.04	7.60	5
CO17908	CO17907	12.77	29 1-	4ACSR	0	0	392	138	75	11	8	0.03	7.63	4
CO17860	CO17908	12.83	1 1-	2ACSR	0	0	390	138	1	0	0	0.00	7.63	0
CO17909	CO17908	12.82	28 1-	4ACSR	0	0	390	138	74	11	8	0.03	7.66	3
CO17840	CO17909	12.88	27 1-	4ACSR	0	0	386	137	68	10	7	0.03	7.69	4
CO17941	CO17840	12.90	2 1-	4ACSR	0	0	385	137	3	0	0	0.00	7.69	0
CO17942	CO17941	13.00	1 1-	4ACSR	0	0	380	136	0	0	0	0.00	7.69	0
CO17841	CO17840	12.96	25 1-	4ACSR	0	0	382	137	66	9	7	0.03	7.72	4
CO17915	CO17841	13.11	9 1-	4ACSR	0	0	375	136	25	3	3	0.03	7.75	0
CO17911	CO17915	13.17	8 1-	4ACSR	0	0	372	135	24	3	3	0.01	7.76	0
CO17913	CO17911	13.23	6 1-	4ACSR	0	0	369	135	19	2	2	0.01	7.76	0
CO17914	CO17913	13.33	4 1-	4ACSR	0	0	364	134	11	1	1	0.01	7.77	0
CO17912	CO17914	13.39	3 1-	4ACSR	0	0	361	134	4	0	0	0.00	7.77	0
CO17917	CO17912	13.63	3 1-	4ACSR	0	0	350	132	4	0	0	0.01	7.78	0
CO17916	CO17917	13.64	2 1-	4ACSR	0	0	349	132	4	0	0	0.00	7.78	0
CO17910	CO17916	13.83	2 1-	4ACSR	0	0	341	131	4	0	0	0.01	7.78	0
CO17918	CO17910	14.02	2 1-	4ACSR	0	0	333	129	4	0	0	0.01	7.79	0
CO17921	CO17918	14.13	1 1-	4ACSR	0	0	329	129	2	0	0	0.00	7.79	0
CO17920	CO17921	14.32	1 1-	4ACSR	0	0	321	127	2	0	0	0.00	7.79	0
CO17922	CO17920	14.59	1 1-	4ACSR	0	0	311	126	2	0	0	0.00	7.80	0
CO17919	CO17922	14.76	1 1-	4ACSR	0	0	305	125	2	0	0	0.00	7.80	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18066	CO17919	14.83	1 1-	4ACSR	0	0	303	124	2	0	0	0.00	7.80	0
CO18067	CO18066	14.91	1 1-	4ACSR	0	0	300	124	2	0	0	0.00	7.80	0
CO18100	CO18067	15.13	1 1-	4ACSR	0	0	293	122	2	0	0	0.00	7.80	0
CO18068	CO18100	15.23	1 1-	4ACSR	0	0	290	122	2	0	0	0.00	7.80	0
CO18069	CO18068	15.36	1 1-	4ACSR	0	0	286	121	2	0	0	0.00	7.81	0
CO18070	CO18069	15.42	1 1-	4ACSR	0	0	284	121	2	0	0	0.00	7.81	0
CO18071	CO18070	15.49	1 1-	4ACSR	0	0	282	120	2	0	0	0.00	7.81	0
CO18072	CO18071	15.55	1 1-	4ACSR	0	0	280	120	2	0	0	0.00	7.81	0
CO18073	CO18072	15.65	1 1-	4ACSR	0	0	277	120	2	0	0	0.00	7.81	0
CO17855	CO17918	14.13	1 1-	4ACSR	0	0	329	129	2	0	0	0.00	7.79	0
CO17925	CO17841	13.12	15 1-	4ACSR	0	0	374	135	39	5	4	0.04	7.77	3
CO730487281	CO17925	13.17	1 1-	2ACSR	0	0	372	135	2	0	0	0.00	7.77	0
CO17924	CO17925	13.14	14 1-	4ACSR	0	0	373	135	37	5	4	0.01	7.77	0
CO17923	CO17924	13.48	14 1-	4ACSR	0	0	357	133	37	5	4	0.09	7.86	6
CO17842	CO17923	13.56	13 1-	4ACSR	0	0	353	132	34	5	4	0.02	7.88	0
CO17857	CO17842	13.70	2 1-	4ACSR	0	0	347	131	9	1	1	0.00	7.88	0
CO17843	CO17842	13.64	11 1-	4ACSR	0	0	349	132	25	3	3	0.01	7.89	0
CO17844	CO17843	13.80	9 1-	4ACSR	0	0	342	131	23	3	2	0.02	7.92	0
CO17859	CO17844	13.99	1 1-	4ACSR	0	0	334	130	11	1	1	0.01	7.92	0
CO17845	CO17844	13.89	8 1-	4ACSR	0	0	338	130	12	1	1	0.01	7.93	0
CO17943	CO17845	13.92	4 1-	4ACSR	0	0	337	130	8	1	1	0.00	7.93	0
CO17944	CO17943	13.93	4 1-	4ACSR	0	0	337	130	8	1	1	0.00	7.93	0
CO17951	CO17944	13.95	0 1-	4ACSR	0	0	336	130	0	0	0	0.00	7.93	0
CO17952	CO17951	13.96	0 1-	4ACSR	0	0	336	130	0	0	0	0.00	7.93	0
CO17928	CO17845	14.08	4 1-	4ACSR	0	0	331	129	4	0	0	0.00	7.93	0
CO17926	CO17928	14.18	4 1-	4ACSR	0	0	327	128	4	0	0	0.00	7.93	0
CO17927	CO17926	14.25	2 1-	4ACSR	0	0	324	128	3	0	0	0.00	7.93	0
CO17929	CO17927	15.10	1 1-	4ACSR	0	0	294	123	3	0	0	0.01	7.94	0
CO17950	CO17929	15.14	0 1-	4ACSR	0	0	292	122	0	0	0	0.00	7.94	0
CO17858	CO17843	13.78	2 1-	4ACSR	0	0	343	131	2	0	0	0.00	7.89	0
CO17856	CO17923	13.61	1 1-	4ACSR	0	0	350	132	3	0	0	0.00	7.86	0
CO17854	CO17909	12.89	1 1-	4ACSR	0	0	386	137	6	0	1	0.00	7.66	0
CO17861	CO17898	12.45	1 1-	2ACSR	0	0	411	141	0	0	0	0.00	7.39	0
CO17783	CO17784	11.39	2 1-	4ACSR	0	0	482	149	3	0	0	0.00	6.21	0
CO17782	CO17783	11.44	1 1-	4ACSR	0	0	478	149	0	0	0	0.00	6.21	0
CO17772	CO17786	11.12	1 1-	4ACSR	0	0	503	151	1	0	0	0.00	5.91	0
CO17771	CO17761	10.55	3 1-	4ACSR	0	0	553	157	18	2	2	0.01	5.17	0
CO-1871087989	CO17771	10.59	1 1-	2ACSR	0	0	550	156	15	2	1	0.00	5.18	0
CO17770	CO17761	10.57	1 1-	4ACSR	0	0	551	156	10	1	1	0.00	5.17	0
CO17825	CO23828	9.94	4 1-	4ACSR	0	0	598	160	9	1	1	0.00	4.82	0
CO17826	CO17825	9.99	2 1-	4ACSR	0	0	593	159	1	0	0	0.00	4.82	0
CO1531049559	CO17826	10.12	1 1-	2ACSR	0	0	582	158	0	0	0	0.00	4.82	0
CO-1014790615	CO1531049559	10.39	1 1-	2ACSR	0	0	559	157	0	0	0	0.00	4.82	0
CO17972	CO17956	9.44	0 1-	4ACSR	0	0	640	162	0	0	0	0.00	4.57	0
CO17971	CO17955	9.31	0 1-	4ACSR	0	0	651	163	0	0	0	0.00	4.50	0
CO17970	CO17954	9.03	1 1-	4ACSR	0	0	677	164	9	1	1	0.00	4.35	0
CO17980	CO17962	8.51	0 1-	4ACSR	0	0	734	167	0	0	0	0.00	4.13	0
CO17979	CO17961	8.33	0 1-	4ACSR	0	0	750	167	0	0	0	0.00	3.95	0
CO18006	CO18036	8.13	3 1-	4ACSR	0	0	776	169	16	2	2	0.01	3.89	0
CO18007	CO18006	8.21	1 1-	4ACSR	0	0	765	168	10	1	1	0.00	3.90	0
CO17978+	CO17958	7.87	1 1-	4ACSR	0	0	933	304	8	0	0	0.00	2.94	0
CO17977+	CO18021	7.60	1 1-	4ACSR	0	0	958	306	28	1	1	0.00	2.87	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18004+	CO18021	7.63	4 1-	4ACSR	0	0	954	306	14	0	1	0.00	2.87	0
CO17976+	CO18004	7.68	2 1-	4ACSR	0	0	947	305	5	0	0	0.00	2.87	0
CO18005+	CO18004	7.66	1 1-	4ACSR	0	0	949	305	1	0	0	0.00	2.87	0
CO17975+	CO17957	7.38	1 1-	4ACSR	0	0	978	308	55	3	3	0.00	2.80	0
CO17974+	CO18028	7.40	1 1-	4ACSR	0	0	972	307	9	0	0	0.00	2.78	0
CO17989+	CO17988	6.06	4 1-	4ACSR	0	0	1103	315	13	0	1	0.00	2.31	0
CO18015+	CO17989	6.11	4 1-	4ACSR	0	0	1095	314	13	0	1	0.00	2.31	0
CO23785+	CO18015	6.17	1 1-	4ACSR	0	0	1084	313	6	0	0	0.00	2.31	0
CO19907+	CO23785	6.25	1 1-	2ACSR	0	0	1073	312	6	0	0	0.00	2.31	0
CO19908+	CO19907	6.41	1 1-	2ACSR	0	0	1050	310	6	0	0	0.00	2.31	0
CO19909+	CO19908	6.47	1 1-	2ACSR	0	0	1041	309	6	0	0	0.00	2.31	0
CO23784+	CO18010	5.45	2 1-	4ACSR	0	0	1175	319	3	0	0	0.00	2.08	0
CO19941+	CO23784	5.59	2 1-	4ACSR	0	0	1147	316	3	0	0	0.00	2.08	0
CO19898+	CO19941	5.65	1 1-	4ACSR	0	0	1134	315	0	0	0	0.00	2.08	0
CO19899+	CO19898	5.70	1 1-	4ACSR	0	0	1124	314	0	0	0	0.00	2.08	0
CO19900+	CO19899	5.77	1 1-	4ACSR	0	0	1111	313	0	0	0	0.00	2.08	0
CO23782+	CO19863	5.37	1 1-	4ACSR	0	0	1163	316	1	0	0	0.00	1.95	0
CO23794+	CO23782	5.52	1 1-	4ACSR	0	0	1132	313	1	0	0	0.00	1.95	0
CO18089+	CO23794	5.62	0 1-	4ACSR	0	0	1113	311	0	0	0	0.00	1.95	0
CO18090+	CO18089	5.65	0 1-	4ACSR	0	0	1107	310	0	0	0	0.00	1.95	0
CO18062+	CO18090	6.01	0 1-	4ACSR	0	0	1040	304	0	0	0	0.00	1.95	0
CO19868+	CO19911	4.97	1 1-	4ACSR	0	0	1240	322	0	0	0	0.00	1.91	0
CO19978+	CO20014	3.91	1 1-	4ACSR	0	0	1404	328	0	0	0	0.00	1.50	0
CO20089+	CO20074	3.77	5 1-	4ACSR	0	0	1431	329	17	1	1	0.00	1.45	0
CO20090+	CO20089	3.78	1 1-	4ACSR	0	0	1427	329	5	0	0	0.00	1.45	0
CO20075+	CO20090	3.79	1 1-	4ACSR	0	0	1425	329	5	0	0	0.00	1.45	0
CO20038+	CO20089	3.86	4 1-	4ACSR	0	0	1405	328	12	0	1	0.00	1.45	0
CO20039+	CO20038	3.90	2 1-	4ACSR	0	0	1394	327	7	0	0	0.00	1.45	0
CO20006+	CO19960	3.24	3 1-	4ACSR	0	0	1531	332	7	0	0	0.00	1.24	0
CO20007+	CO20006	3.47	3 1-	4ACSR	0	0	1460	328	7	0	0	0.00	1.24	0
CO20008+	CO20007	3.55	2 1-	4ACSR	0	0	1432	326	4	0	0	0.00	1.25	0
CO20009+	CO20008	3.61	1 1-	4ACSR	0	0	1415	325	2	0	0	0.00	1.25	0
CO20010+	CO20009	3.64	1 1-	4ACSR	0	0	1407	324	2	0	0	0.00	1.25	0
CO20071+	CO19958	2.64	4 1-	4ACSR	0	0	1661	335	2	0	0	0.00	0.99	0
CO20072+	CO20071	2.68	4 1-	4ACSR	0	0	1648	335	2	0	0	0.00	0.99	0
CO20035+	CO20072	2.81	2 1-	4ACSR	0	0	1598	332	1	0	0	0.00	0.99	0
CO20036+	CO20035	2.93	1 1-	4ACSR	0	0	1553	329	0	0	0	0.00	0.99	0
CO20037+	CO20036	3.01	1 1-	4ACSR	0	0	1526	328	0	0	0	0.00	0.99	0
CO20264+	CO20329	2.14	0 1-	4ACSR	0	0	1804	339	0	0	0	0.00	0.81	0
CO20262+	CO20243	0.63	2 1-	4ACSR	0	0	2355	348	4	0	0	0.00	0.20	0
CO20415+	CO20413	0.01	1321 3-	750 MCM - 42 Wi	2530	2711	2720	354	7175	161	14	0.00	0.01	9
Vanceburg+	CO20415	0.01	1321 3-	560 200WVE	2530	2711	2720	354	7175	161	29	0.00	0.01	0
CO20314+	Vanceburg	0.04	1321 3-	397ACSR	2521	2696	2704	353	7175	161	28	0.01	0.02	121
CO20315+	CO20314	0.16	1321 3-	397ACSR	2487	2640	2645	353	7174	161	28	0.06	0.08	458
CO20313+	CO20315	0.25	1321 3-	397ACSR	2464	2600	2604	353	7172	161	28	0.04	0.12	333
CO20422+	CO20313	0.25	4 1-	4ACSR	0	0	2599	353	8	0	0	0.00	0.12	0
OC610+	CO20422	0.25	4 1-	10 N FUSE	0	0	2599	353	8	0	6	0.00	0.12	0
CO20423+	OC610	0.43	4 1-	4ACSR	0	0	2457	348	8	0	0	0.00	0.12	0
CO20308+	CO20423	0.51	4 1-	4ACSR	0	0	2400	347	8	0	0	0.00	0.12	0
CO20309+	CO20308	0.59	4 1-	4ACSR	0	0	2343	345	8	0	0	0.00	0.12	0
CO20310+	CO20309	0.66	3 1-	4ACSR	0	0	2287	343	8	0	0	0.00	0.12	0

Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20311+	CO20310	0.74	3 1-	4ACSR	0	0	2233	342	8	0	0	0.00	0.13	0
CO20312+	CO20311	0.80	3 1-	4ACSR	0	0	2187	340	8	0	0	0.00	0.13	0
CO20306+	CO20313	0.33	1317 3-	397ACSR	2440	2562	2563	352	7162	161	28	0.04	0.16	338
CO20307+	CO20306	0.39	1317 3-	397ACSR	2425	2538	2538	352	7161	161	28	0.03	0.19	215
CO20305+	CO20307	0.44	1315 3-	397ACSR	2410	2516	2514	352	7157	161	28	0.03	0.21	207
CO20299+	CO20305	0.49	1315 3-	397ACSR	2397	2496	2492	352	7156	161	28	0.02	0.24	192
CO20241+	CO20299	0.54	9 1-	4ACSR	0	0	2455	351	26	1	1	0.00	0.24	0
CO20301+	CO20241	0.56	2 1-	4ACSR	0	0	2438	350	9	0	0	0.00	0.24	0
CO20302+	CO20301	0.58	1 1-	4ACSR	0	0	2426	350	1	0	0	0.00	0.24	0
CO20300+	CO20302	0.59	1 1-	4ACSR	0	0	2417	349	1	0	0	0.00	0.24	0
CO20303+	CO20241	0.56	6 1-	4ACSR	0	0	2440	350	11	0	1	0.00	0.24	0
CO20304+	CO20303	0.61	4 1-	4ACSR	0	0	2404	349	6	0	0	0.00	0.24	0
CO20297+	CO20299	0.74	1304 3-	397ACSR	2332	2398	2385	351	7125	160	28	0.12	0.36	987
CO20298+	CO20297	0.77	1304 3-	397ACSR	2324	2386	2372	351	7121	160	28	0.02	0.38	128
CO20296+	CO20298	0.92	1303 3-	397ACSR	2288	2334	2315	350	7120	160	28	0.07	0.45	573
CO20290+	CO20296	0.98	4 1-	2ACSR	0	0	2281	349	33	2	1	0.00	0.45	0
CO20267+	CO20290	1.03	1 1-	2ACSR	0	0	2252	348	7	0	0	0.00	0.45	0
CO20291+	CO20290	1.06	1 1-	2ACSR	0	0	2237	348	10	0	0	0.00	0.45	0
CO20292+	CO20291	1.12	1 1-	2ACSR	0	0	2202	347	10	0	0	0.00	0.45	0
CO20293+	CO20290	1.06	2 1-	2ACSR	0	0	2234	348	16	1	1	0.00	0.45	0
CO30586+	CO20293	1.23	1 1-	1/0PRIURD	0	0	2159	828	7	0	1	0.00	0.45	0
CO30585+	CO30586	1.26	0 1-	1/0PRIURD	0	0	2147	826	0	0	0	0.00	0.45	0
CO20432+	CO30585	1.26	0 1-	1/0PRIURD	0	0	2145	826	0	0	0	0.00	0.45	0
CO-46672579+	CO20432	1.31	0 1-	1/0PRIURD	0	0	2132	823	0	0	0	0.00	0.45	0
CO282688863+	CO-46672579	1.64	0 1-	1/0PRIURD	0	0	2039	800	0	0	0	0.00	0.45	0
CO551485412+	CO-46672579	1.33	0 1-	1/0PRIURD	0	0	2122	821	0	0	0	0.00	0.45	0
CO20265+	CO30586	1.28	1 1-	1/0PRIURD	0	0	2139	825	7	0	0	0.00	0.45	0
CO20294+	CO20293	1.17	1 1-	2ACSR	0	0	2175	346	9	0	0	0.00	0.45	0
CO20295+	CO20294	1.42	1 1-	1/0PRIURD	0	0	2069	812	9	0	0	0.00	0.45	0
CO30583+	CO20295	1.47	0 1-	1/0PRIURD	0	0	2047	809	0	0	0	0.00	0.45	0
CO20289+	CO20296	0.94	1299 3-	397ACSR	2282	2326	2305	350	7085	160	28	0.01	0.46	95
CO20420+	CO20289	0.95	6 1-	4ACSR	0	0	2301	350	21	1	1	0.00	0.46	0
OC611+	CO20420	0.95	6 1-	10 N FUSE	0	0	2301	350	21	1	14	0.00	0.46	0
CO20421+	OC611	0.97	6 1-	4ACSR	0	0	2287	349	21	1	1	0.00	0.46	0
CO20258+	CO20421	1.10	2 1-	4ACSR	0	0	2204	346	7	0	0	0.00	0.46	0
CO20286+	CO20421	1.10	3 1-	4ACSR	0	0	2206	346	12	0	1	0.00	0.46	0
CO20287+	CO20286	1.32	2 1-	4ACSR	0	0	2073	342	11	0	1	0.00	0.46	0
CO20288+	CO20287	1.41	1 1-	4ACSR	0	0	2017	340	4	0	0	0.00	0.46	0
CO20284+	CO20289	1.08	1293 3-	397ACSR	2248	2279	2253	349	7063	159	28	0.07	0.53	538
CO20285+	CO20284	1.11	1293 3-	397ACSR	2241	2270	2243	349	7061	159	28	0.01	0.54	116
CO20283+	CO20285	1.20	1290 3-	397ACSR	2222	2243	2213	349	7055	159	28	0.04	0.58	324
CO20282+	CO20283	1.42	1289 3-	397ACSR	2172	2177	2138	348	7051	159	28	0.11	0.69	846
CO20281+	CO20282	1.44	1289 3-	397ACSR	2167	2170	2130	348	7047	159	28	0.01	0.70	97
CO20279+	CO20281	1.62	1 1-	4ACSR	0	0	2033	344	9	0	0	0.00	0.70	0
CO20280+	CO20279	1.66	1 1-	4ACSR	0	0	2013	343	9	0	0	0.00	0.70	0
CO20278+	CO20281	1.50	15 1-	4ACSR	0	0	2099	347	30	2	1	0.00	0.70	0
CO23710+	CO20278	1.63	15 1-	4ACSR	0	0	2025	344	30	2	1	0.01	0.71	0
CO20875+	CO23710	1.75	14 1-	4ACSR	0	0	1966	341	28	1	1	0.00	0.71	0
CO20845+	CO20875	1.79	13 1-	4ACSR	0	0	1945	340	27	1	1	0.00	0.71	0
CO20882+	CO20845	1.83	9 1-	4ACSR	0	0	1924	339	22	1	1	0.00	0.71	0
CO20883+	CO20882	2.63	8 1-	4ACSR	0	0	1558	323	14	0	1	0.02	0.73	0
CO20851+	CO20883	2.83	8 1-	4ACSR	0	0	1483	319	14	0	1	0.00	0.74	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20850+	CO20851	2.87	8 1-	4ACSR	0	0	1468	318	14	0	1	0.00	0.74	0
CO20849+	CO20850	2.90	6 1-	4ACSR	0	0	1455	318	11	0	1	0.00	0.74	0
CO20848+	CO20849	3.08	5 1-	4ACSR	0	0	1394	314	11	0	1	0.00	0.74	0
CO20847+	CO20848	3.24	4 1-	4ACSR	0	0	1345	311	7	0	0	0.00	0.74	0
CO20846+	CO20847	3.31	4 1-	4ACSR	0	0	1322	310	7	0	0	0.00	0.74	0
CO20884+	CO20846	3.54	4 1-	4ACSR	0	0	1256	306	7	0	0	0.00	0.75	0
CO20830+	CO20884	3.74	4 1-	4ACSR	0	0	1201	302	7	0	0	0.00	0.75	0
CO20834+	CO20830	3.85	1 1-	4ACSR	0	0	1173	301	0	0	0	0.00	0.75	0
CO20833+	CO20830	3.82	2 1-	4ACSR	0	0	1182	301	2	0	0	0.00	0.75	0
CO20835+	CO20884	3.61	0 1-	4ACSR	0	0	1235	305	0	0	0	0.00	0.75	0
CO20853+	CO20845	1.94	4 1-	4ACSR	0	0	1868	337	5	0	0	0.00	0.71	0
CO20852+	CO20853	1.98	2 1-	4ACSR	0	0	1848	336	5	0	0	0.00	0.72	0
CO20855+	CO20852	2.21	2 1-	4ACSR	0	0	1739	331	5	0	0	0.00	0.72	0
CO20876+	CO20855	2.35	2 1-	4ACSR	0	0	1672	328	5	0	0	0.00	0.72	0
CO20877+	CO20876	2.46	1 1-	4ACSR	0	0	1626	326	0	0	0	0.00	0.72	0
CO20854+	CO20877	2.79	1 1-	4ACSR	0	0	1495	320	0	0	0	0.00	0.72	0
CO20837+	CO20852	2.07	0 1-	4ACSR	0	0	1804	334	0	0	0	0.00	0.72	0
CO20277+	CO20281	1.59	1273 3-	397ACSR	2135	2128	2082	347	7008	158	28	0.07	0.77	569
CO741679137+	CO20277	1.76	1273 3-	397ACSR	2100	2082	2030	347	7005	158	28	0.08	0.85	620
CO-1750626472+	CO741679137	1.86	1273 3-	397ACSR	2079	2054	1998	346	7002	158	28	0.05	0.90	404
CO20864+	CO-1750626472	1.91	1273 3-	397ACSR	2070	2042	1985	346	7001	158	28	0.02	0.92	174
CO23712+	CO20864	1.96	4 1-	4ACSR	0	0	1958	345	10	0	0	0.00	0.92	0
CO20259+	CO23712	1.99	2 1-	4ACSR	0	0	1944	344	10	0	0	0.00	0.92	0
CO-2086965379+	CO20259	2.02	1 1-	2ACSR	0	0	1933	344	3	0	0	0.00	0.92	0
CO20272+	CO23712	2.01	2 1-	4ACSR	0	0	1935	344	0	0	0	0.00	0.92	0
CO20273+	CO20272	2.04	2 1-	4ACSR	0	0	1920	343	0	0	0	0.00	0.92	0
CO20274+	CO20273	2.07	1 1-	4ACSR	0	0	1907	342	0	0	0	0.00	0.92	0
CO20275+	CO20274	2.11	1 1-	4ACSR	0	0	1888	342	0	0	0	0.00	0.92	0
CO20276+	CO20275	2.17	1 1-	4ACSR	0	0	1859	340	0	0	0	0.00	0.92	0
CO20856+	CO20864	2.14	1269 3-	397ACSR	2023	1986	1920	345	6990	158	28	0.11	1.03	895
CO23713+	CO20856	2.25	1269 3-	397ACSR	2003	1962	1892	345	6986	158	28	0.05	1.08	408
CO20553+	CO23713	2.27	1258 3-	397ACSR	1999	1957	1886	344	6962	157	27	0.01	1.09	85
CO20552+	CO20553	2.41	1258 3-	397ACSR	1974	1928	1853	344	6962	157	27	0.06	1.15	496
CO20710+	CO20552	2.47	1258 3-	397ACSR	1963	1914	1837	344	6960	157	27	0.03	1.19	248
CO20711+	CO20710	2.66	1257 3-	397ACSR	1929	1875	1792	343	6951	157	27	0.09	1.27	713
CO20435+	CO20711	2.72	1255 3-	397ACSR	1919	1863	1778	343	6944	157	27	0.03	1.30	223
CO23715+	CO20435	2.80	5 1-	4ACSR	0	0	1747	341	18	1	1	0.00	1.30	0
CO20138+	CO23715	3.36	4 1-	4ACSR	0	0	1537	329	11	0	1	0.01	1.31	0
CO20136+	CO20138	3.43	3 1-	4ACSR	0	0	1513	328	11	0	1	0.00	1.31	0
CO20135+	CO20136	3.68	2 1-	4ACSR	0	0	1428	323	11	0	1	0.00	1.32	0
CO20137+	CO20135	3.72	2 1-	4ACSR	0	0	1415	322	11	0	1	0.00	1.32	0
CO20115+	CO20137	3.79	1 1-	4ACSR	0	0	1395	320	2	0	0	0.00	1.32	0
CO20183+	CO20137	3.80	1 1-	4ACSR	0	0	1392	320	9	0	0	0.00	1.32	0
CO20182+	CO20183	3.83	1 1-	4ACSR	0	0	1383	320	9	0	0	0.00	1.32	0
CO20436+	CO20435	2.83	1250 3-	397ACSR	1900	1842	1754	342	6925	157	27	0.05	1.35	398
CO20712+	CO20436	2.86	5 1-	2ACSR	0	0	1742	342	18	1	1	0.00	1.35	0
CO20713+	CO20712	2.91	3 1-	2ACSR	0	0	1726	341	5	0	0	0.00	1.35	0
CO20545+	CO20713	2.95	2 1-	2ACSR	0	0	1714	340	3	0	0	0.00	1.35	0
CO20544+	CO20545	2.98	1 1-	2ACSR	0	0	1702	340	3	0	0	0.00	1.35	0
CO20543+	CO20544	3.10	1 1-	2ACSR	0	0	1663	338	3	0	0	0.00	1.35	0
CO20542+	CO20543	3.32	1 1-	2ACSR	0	0	1592	335	3	0	0	0.00	1.35	0
CO20555+	CO20436	2.99	1244 3-	397ACSR	1873	1810	1718	341	6904	156	27	0.08	1.43	616

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
CO20554+	CO20555	3.03	1244	3-	397ACSR	1866	1803	1710	341	6901	156	27	0.02	1.45	149
CO20437+	CO20554	3.16	1242	3-	397ACSR	1846	1780	1683	341	6896	156	27	0.06	1.51	467
CO20471+	CO20437	3.19	1	1-	4ACSR	0	0	1674	340	3	0	0	0.00	1.51	0
CO20714+	CO20437	3.18	1241	3-	397ACSR	1843	1777	1680	341	6890	156	27	0.01	1.51	64
CO20715+	CO20714	3.34	1240	3-	397ACSR	1818	1749	1647	340	6889	156	27	0.08	1.59	603
CO20473+	CO20715	3.36	2	1-	4ACSR	0	0	1640	340	0	0	0	0.00	1.59	0
CO20472+	CO20715	3.39	1	1-	4ACSR	0	0	1628	339	2	0	0	0.00	1.59	0
CO20557+	CO20715	3.35	1237	3-	397ACSR	1815	1746	1645	340	6884	156	27	0.01	1.59	54
CO20556+	CO20557	3.55	1237	3-	397ACSR	1785	1713	1607	339	6884	156	27	0.09	1.69	737
CO20809+	CO20556	3.56	7	1-	4ACSR	0	0	1604	339	24	1	1	0.00	1.69	0
OC626+	CO20809	3.56	7	1-	10 N FUSE	0	0	1604	339	24	1	17	0.00	1.69	0
CO20810+	OC626	3.58	7	1-	4ACSR	0	0	1599	339	24	1	1	0.00	1.69	0
CO20529+	CO20810	3.61	6	1-	4ACSR	0	0	1586	338	23	1	1	0.00	1.69	0
CO20528+	CO20529	3.90	5	1-	4ACSR	0	0	1493	332	17	1	1	0.01	1.70	0
CO23716+	CO20528	4.07	5	1-	4ACSR	0	0	1442	328	17	1	1	0.00	1.70	0
CO20131+	CO23716	4.08	3	1-	4ACSR	0	0	1437	328	9	0	0	0.00	1.70	0
CO20134+	CO20131	4.23	3	1-	4ACSR	0	0	1393	325	9	0	0	0.00	1.70	0
CO20132+	CO20134	4.37	3	1-	4ACSR	0	0	1355	322	9	0	0	0.00	1.70	0
CO20133+	CO20132	4.44	2	1-	4ACSR	0	0	1334	321	2	0	0	0.00	1.70	0
CO20140+	CO20133	4.60	1	1-	4ACSR	0	0	1291	318	2	0	0	0.00	1.71	0
CO20139+	CO20140	5.11	0	1-	4ACSR	0	0	1167	308	0	0	0	0.00	1.71	0
CO20141+	CO20139	5.25	0	1-	4ACSR	0	0	1136	306	0	0	0	0.00	1.71	0
CO20116+	CO20133	4.63	1	1-	4ACSR	0	0	1283	317	0	0	0	0.00	1.70	0
CO20125+	CO20132	4.44	1	1-	2ACSR	0	0	1339	321	8	0	0	0.00	1.70	0
CO20639+	CO20556	3.59	6	1-	4ACSR	0	0	1595	338	32	2	2	0.00	1.69	0
CO20479+	CO20639	3.64	1	1-	4ACSR	0	0	1579	337	3	0	0	0.00	1.69	0
CO20638+	CO20639	3.84	3	1-	4ACSR	0	0	1514	333	25	1	1	0.01	1.70	0
CO20637+	CO20638	3.92	2	1-	4ACSR	0	0	1489	331	16	1	1	0.00	1.70	0
CO1863333944+	CO20637	3.98	1	1-	2ACSR	0	0	1471	330	1	0	0	0.00	1.70	0
CO20627+	CO20556	3.56	2	1-	4ACSR	0	0	1603	339	13	0	1	0.00	1.69	0
CO20626+	CO20627	3.58	2	1-	4ACSR	0	0	1599	339	13	0	1	0.00	1.69	0
CO20625+	CO20626	3.66	1	1-	4ACSR	0	0	1572	337	5	0	0	0.00	1.69	0
CO20708+	CO20556	3.64	1222	3-	397ACSR	1772	1699	1591	339	6811	155	27	0.04	1.73	310
CO20709+	CO20708	3.77	1220	3-	397ACSR	1753	1678	1567	338	6796	154	27	0.06	1.79	479
CO20559+	CO20709	3.81	1217	3-	397ACSR	1747	1671	1559	338	6776	154	27	0.02	1.81	156
CO20558+	CO20559	3.98	1215	3-	397ACSR	1723	1645	1530	337	6769	154	27	0.08	1.88	609
CO20628+	CO20558	4.02	2	1-	4ACSR	0	0	1518	337	2	0	0	0.00	1.88	0
CO20476+	CO20628	4.05	0	1-	4ACSR	0	0	1510	336	0	0	0	0.00	1.88	0
CO20716+	CO20628	4.05	2	1-	4ACSR	0	0	1509	336	2	0	0	0.00	1.88	0
CO20717+	CO20716	4.12	1	1-	4ACSR	0	0	1490	335	1	0	0	0.00	1.88	0
CO20438+	CO20558	4.17	1189	3-	397ACSR	1697	1618	1499	337	6665	151	26	0.08	1.96	642
CO20636+	CO20438	4.21	1	1-	397ACSR	0	0	1493	336	1	0	0	0.00	1.96	0
CO20635+	CO20636	4.23	1	1-	397ACSR	0	0	1489	336	1	0	0	0.00	1.96	0
CO20561+	CO20438	4.27	1188	3-	397ACSR	1683	1603	1482	336	6661	151	26	0.05	2.01	367
CO20701+	CO20561	4.29	1	1-	2ACSR	0	0	1477	336	15	1	1	0.00	2.01	0
CO20700+	CO20701	4.31	1	1-	2ACSR	0	0	1472	336	15	1	1	0.00	2.01	0
CO20560+	CO20561	4.33	1187	3-	397ACSR	1675	1594	1473	336	6644	151	26	0.03	2.04	207
CO20811+	CO20560	4.34	5	1-	4ACSR	0	0	1471	336	34	2	2	0.00	2.04	0
OC625+	CO20811	4.34	5	1-	10 N FUSE	0	0	1471	336	34	2	23	0.00	2.04	0
CO20812+	OC625	4.45	5	1-	4ACSR	0	0	1441	333	34	2	2	0.00	2.04	0
CO20723+	CO20812	4.53	3	1-	4ACSR	0	0	1419	332	25	1	1	0.00	2.04	0
CO20724+	CO20723	4.57	2	1-	4ACSR	0	0	1407	331	19	1	1	0.00	2.04	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20541+	CO20724	4.72	1 1-	4ACSR	0	0	1366	328	4	0	0	0.00	2.05	0
CO20439+	CO20560	4.36	1182 3-	397ACSR	1672	1591	1469	336	6610	150	26	0.01	2.05	77
CO23717+	CO20439	4.40	4 1-	4ACSR	0	0	1456	335	23	1	1	0.00	2.05	0
CO20185+	CO23717	4.43	3 1-	4ACSR	0	0	1449	334	11	0	1	0.00	2.05	0
CO20184+	CO20185	4.53	2 1-	4ACSR	0	0	1421	332	9	0	0	0.00	2.05	0
CO20563+	CO20439	4.49	1177 3-	397ACSR	1655	1573	1449	335	6578	149	26	0.06	2.10	456
CO20522+	CO20563	4.53	1 1-	2ACSR	0	0	1438	335	5	0	0	0.00	2.10	0
CO20562+	CO20563	4.57	1176 3-	397ACSR	1645	1563	1437	335	6571	149	26	0.03	2.14	257
CO20440+	CO20562	4.61	1173 3-	397ACSR	1640	1557	1431	335	6563	149	26	0.02	2.16	147
CO20727+	CO20440	4.65	1150 3-	397ACSR	1634	1551	1425	335	6453	147	26	0.02	2.17	137
CO20728+	CO20727	4.68	1147 3-	397ACSR	1630	1547	1420	334	6444	146	26	0.01	2.19	101
CO20729+	CO20728	4.77	1147 3-	397ACSR	1620	1536	1408	334	6444	146	26	0.04	2.22	271
CO20730+	CO20729	4.79	1146 3-	397ACSR	1617	1533	1405	334	6441	146	26	0.01	2.23	73
CO20564+	CO20730	4.85	1146 3-	397ACSR	1610	1525	1396	334	6440	146	26	0.03	2.26	202
CO20733+	CO20564	4.92	1134 3-	397ACSR	1602	1517	1386	333	6405	146	25	0.03	2.29	217
CO20734+	CO20733	4.93	1133 3-	397ACSR	1600	1515	1385	333	6404	146	25	0.01	2.29	42
CO20566+	CO20734	5.14	1133 3-	397ACSR	1575	1490	1356	332	6404	146	25	0.09	2.38	669
CO20565+	CO20566	5.17	1133 3-	397ACSR	1572	1486	1353	332	6401	146	25	0.01	2.39	90
CO23718+	CO20565	5.33	1 1-	4ACSR	0	0	1313	329	21	1	1	0.01	2.40	0
CO20186+	CO23718	5.37	1 1-	4ACSR	0	0	1304	328	21	1	1	0.00	2.40	0
CO20568+	CO20565	5.29	1132 3-	397ACSR	1558	1472	1337	332	6379	145	25	0.05	2.44	393
CO20567+	CO20568	5.43	1132 3-	397ACSR	1542	1455	1318	331	6377	145	25	0.06	2.50	459
CO20735+	CO20567	5.50	5 1-	397ACSR	0	0	1310	331	9	0	0	0.00	2.50	0
CO20736+	CO20735	5.64	3 1-	397ACSR	0	0	1293	330	8	0	0	0.00	2.50	0
CO20516+	CO20736	5.67	1 1-	397ACSR	0	0	1290	330	3	0	0	0.00	2.50	0
CO20515+	CO20736	5.67	2 1-	397ACSR	0	0	1289	330	4	0	0	0.00	2.50	0
CO20570+	CO20567	5.45	1126 3-	397ACSR	1540	1453	1316	331	6351	145	25	0.01	2.51	54
CO20569+	CO20570	5.53	1126 3-	397ACSR	1531	1444	1307	331	6351	145	25	0.03	2.54	247
CO20815+	CO20569	5.53	50 1-	4ACSR	0	0	1305	331	329	23	17	0.00	2.54	0
OC629+	CO20815	5.53	50 1-	25 E OCR	0	0	1305	331	329	23	93	0.00	2.54	0
CO20816+	OC629	5.62	50 1-	4ACSR	0	0	1286	329	329	23	17	0.04	2.59	24
CO20461+	CO20816	5.69	48 1-	4ACSR	0	0	1269	327	319	22	16	0.04	2.63	20
CO20603+	CO20461	5.79	45 1-	4ACSR	0	0	1249	325	309	21	16	0.05	2.68	23
CO20744+	CO20603	5.85	44 1-	4ACSR	0	0	1235	324	300	21	15	0.03	2.71	14
CO20745+	CO20744	5.86	43 1-	4ACSR	0	0	1232	324	286	20	14	0.01	2.71	3
XFMR44	CO20745	5.86	43 1-	167 KVA 1PH AUT	0	0	641	170	286	20	174	1.50	4.21	0
CO20602	XFMR44	5.89	43 1-	4ACSR	0	0	639	170	286	40	29	0.05	4.26	22
CO23719	CO20602	5.94	43 1-	4ACSR	0	0	634	170	286	40	29	0.09	4.35	44
CO20123	CO23719	5.95	1 1-	4ACSR	0	0	633	169	7	1	1	0.00	4.35	0
CO20171	CO23719	5.97	42 1-	4ACSR	0	0	631	169	278	39	28	0.06	4.41	27
CO20169	CO20171	6.08	40 1-	4ACSR	0	0	621	168	268	37	27	0.18	4.59	80
CO20168	CO20169	6.12	39 1-	4ACSR	0	0	617	167	256	36	26	0.07	4.67	29
CO20170	CO20168	6.18	37 1-	4ACSR	0	0	612	167	241	34	24	0.08	4.75	32
CO20124	CO20170	6.25	4 1-	4ACSR	0	0	605	166	24	3	2	0.01	4.75	0
CO20173	CO20170	6.21	33 1-	4ACSR	0	0	609	167	217	30	22	0.04	4.79	16
CO20172	CO20173	6.25	32 1-	4ACSR	0	0	605	166	215	30	22	0.06	4.85	22
CO20111	CO20172	6.40	24 1-	4ACSR	0	0	592	165	150	21	15	0.14	4.99	34
CO20106	CO20111	6.52	16 1-	4ACSR	0	0	581	163	80	11	8	0.06	5.05	7
CO20117	CO20106	6.59	1 1-	4ACSR	0	0	575	163	10	1	1	0.00	5.05	0
CO20107	CO20106	6.70	13 1-	4ACSR	0	0	565	161	54	7	6	0.06	5.11	6
CO20197	CO20107	6.77	2 1-	4ACSR	0	0	559	161	10	1	1	0.00	5.12	0
CO20196	CO20197	6.91	1 1-	4ACSR	0	0	548	159	8	1	1	0.00	5.12	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20108	CO20107	6.80	9 1-	4ACSR	0	0	556	160	24	3	2	0.02	5.13	0
CO20199	CO20108	6.91	2 1-	4ACSR	0	0	547	159	10	1	1	0.01	5.14	0
CO20198	CO20199	7.00	2 1-	4ACSR	0	0	540	158	10	1	1	0.00	5.14	0
CO20146	CO20108	6.87	7 1-	4ACSR	0	0	550	160	14	2	1	0.01	5.14	0
CO20147	CO20146	6.93	6 1-	4ACSR	0	0	545	159	14	2	1	0.01	5.14	0
CO20145	CO20147	7.00	6 1-	4ACSR	0	0	540	159	14	2	1	0.00	5.15	0
CO20143	CO20145	7.11	4 1-	4ACSR	0	0	531	157	9	1	1	0.01	5.15	0
CO20142	CO20143	7.14	3 1-	4ACSR	0	0	528	157	6	0	1	0.00	5.15	0
CO20144	CO20142	7.21	2 1-	4ACSR	0	0	523	157	6	0	1	0.00	5.16	0
CO20109	CO20144	7.57	0 1-	4ACSR	0	0	495	153	0	0	0	0.00	5.16	0
CO20120	CO20109	7.58	0 1-	4ACSR	0	0	493	153	0	0	0	0.00	5.16	0
CO20201	CO20109	7.66	0 1-	4ACSR	0	0	488	152	0	0	0	0.00	5.16	0
CO20200	CO20201	7.87	0 1-	4ACSR	0	0	473	150	0	0	0	0.00	5.16	0
CO20190	CO20144	7.34	2 1-	4ACSR	0	0	512	155	6	0	1	0.01	5.16	0
CO20187	CO20190	7.35	2 1-	4ACSR	0	0	512	155	6	0	1	0.00	5.16	0
CO20189	CO20187	7.40	2 1-	4ACSR	0	0	507	155	6	0	1	0.00	5.16	0
CO20188	CO20189	7.47	0 1-	4ACSR	0	0	502	154	0	0	0	0.00	5.16	0
CO20119	CO20107	6.77	1 1-	4ACSR	0	0	559	161	10	1	1	0.00	5.12	0
CO20118	CO20107	6.77	1 1-	4ACSR	0	0	560	161	11	1	1	0.00	5.12	0
CO20192	CO20111	6.51	7 1-	4ACSR	0	0	582	163	57	8	6	0.04	5.03	3
CO20191	CO20192	6.56	5 1-	4ACSR	0	0	577	163	41	5	4	0.01	5.04	0
CO20193	CO20191	6.63	4 1-	4ACSR	0	0	571	162	41	5	4	0.01	5.06	0
CO20195	CO20193	6.69	3 1-	4ACSR	0	0	567	162	30	4	3	0.01	5.07	0
CO20194	CO20195	6.74	1 1-	4ACSR	0	0	562	161	10	1	1	0.00	5.07	0
CO20208	CO20172	6.33	8 1-	4ACSR	0	0	598	165	65	9	7	0.03	4.89	3
CO20220	CO20208	6.36	6 1-	2ACSR	0	0	596	165	54	7	4	0.01	4.89	0
CO20222	CO20220	6.39	5 1-	2ACSR	0	0	594	165	43	6	3	0.01	4.90	0
CO20221	CO20222	6.41	3 1-	2ACSR	0	0	592	165	24	3	2	0.00	4.90	0
CO1229192708	CO20221	6.46	3 1-	2ACSR	0	0	588	164	24	3	2	0.00	4.90	0
CO1579233226	CO1229192708	6.48	1 1-	2ACSR	0	0	586	164	6	0	0	0.00	4.90	0
CO1202724883	CO1229192708	6.51	2 1-	2ACSR	0	0	584	164	18	2	1	0.00	4.91	0
CO-1025959143	CO1202724883	6.63	1 1-	2ACSR	0	0	575	163	8	1	1	0.00	4.91	0
CO704958442	CO1202724883	6.52	0 1-	2ACSR	0	0	583	164	0	0	0	0.00	4.91	0
CO20207	CO20208	6.35	2 1-	4ACSR	0	0	597	165	11	1	1	0.00	4.89	0
CO20688+	CO20461	5.79	3 1-	4ACSR	0	0	1249	325	10	0	1	0.00	2.63	0
CO20687+	CO20688	5.84	1 1-	4ACSR	0	0	1236	324	2	0	0	0.00	2.63	0
CO20686+	CO20816	5.78	2 1-	4ACSR	0	0	1251	326	10	0	0	0.00	2.59	0
CO20685+	CO20686	5.83	2 1-	4ACSR	0	0	1240	325	10	0	0	0.00	2.59	0
CO20737+	CO20569	5.57	1071 3-	397ACSR	1527	1440	1302	331	6010	137	24	0.01	2.56	108
CO20738+	CO20737	5.59	1070 3-	397ACSR	1524	1437	1299	331	6008	137	24	0.01	2.57	73
CO20520+	CO20738	5.69	0 1-	4ACSR	0	0	1278	329	0	0	0	0.00	2.57	0
CO20817+	CO20738	5.60	22 1-	4ACSR	0	0	1297	330	95	6	5	0.00	2.57	0
OC630+	CO20817	5.60	22 1-	35 E OCR	0	0	1297	330	95	6	19	0.00	2.57	0
CO20818+	OC630	5.70	22 1-	4ACSR	0	0	1273	328	95	6	5	0.02	2.58	2
CO20739+	CO20818	5.79	21 1-	4ACSR	0	0	1254	326	95	6	5	0.01	2.60	0
CO20740+	CO20739	6.05	20 1-	4ACSR	0	0	1199	321	85	5	4	0.03	2.63	4
CO20482+	CO20740	6.26	1 1-	4ACSR	0	0	1157	317	3	0	0	0.00	2.63	0
CO20458+	CO20740	6.09	18 1-	4ACSR	0	0	1190	320	72	4	4	0.00	2.63	0
CO20507+	CO20458	6.15	1 1-	4ACSR	0	0	1179	319	3	0	0	0.00	2.63	0
CO20459+	CO20458	6.20	17 1-	4ACSR	0	0	1169	318	69	4	3	0.01	2.64	0
CO20460+	CO20459	6.27	11 1-	4ACSR	0	0	1154	317	51	3	3	0.01	2.65	0
CO20511+	CO20460	6.33	10 1-	4ACSR	0	0	1143	316	50	3	3	0.00	2.65	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO284106970+	CO20511	6.41	7 1-	2ACSR	0	0	1130	315	42	2	2	0.00	2.66	0
CO20742+	CO284106970	6.43	5 1-	2ACSR	0	0	1126	314	38	2	1	0.00	2.66	0
CO20741+	CO20742	6.48	4 1-	4ACSR	0	0	1116	313	28	1	1	0.00	2.66	0
CO20684+	CO20741	6.52	2 1-	4ACSR	0	0	1109	313	4	0	0	0.00	2.66	0
CO20512+	CO20684	6.68	1 1-	4ACSR	0	0	1079	310	2	0	0	0.00	2.66	0
CO20683+	CO20684	6.58	1 1-	4ACSR	0	0	1098	312	3	0	0	0.00	2.66	0
CO20513+	CO20741	6.51	1 1-	4ACSR	0	0	1111	313	9	0	0	0.00	2.66	0
CO1962397760+	CO284106970	6.46	2 1-	2ACSR	0	0	1121	314	4	0	0	0.00	2.66	0
CO20743+	CO1962397760	6.49	2 1-	4ACSR	0	0	1116	313	4	0	0	0.00	2.66	0
CO20510+	CO20459	6.25	3 1-	4ACSR	0	0	1159	317	11	0	1	0.00	2.64	0
CO20509+	CO20459	6.22	1 1-	4ACSR	0	0	1164	318	2	0	0	0.00	2.64	0
CO20508+	CO20459	6.24	2 1-	4ACSR	0	0	1161	318	5	0	0	0.00	2.64	0
CO20571+	CO20738	5.62	1048 3-	397ACSR	1521	1434	1295	330	5913	134	23	0.01	2.58	72
CO20746+	CO20571	5.78	1048 3-	397ACSR	1503	1416	1275	330	5913	134	23	0.06	2.64	459
CO20747+	CO20746	5.82	1047 3-	397ACSR	1499	1412	1271	330	5905	134	23	0.01	2.65	106
CO30553+	CO20747	5.89	1043 3-	397ACSR	1492	1404	1263	329	5889	134	23	0.03	2.68	192
CO20601+	CO30553	5.94	1027 3-	397ACSR	1487	1399	1257	329	5861	133	23	0.02	2.70	127
CO20456+	CO20601	5.97	1020 3-	397ACSR	1484	1396	1254	329	5826	133	23	0.01	2.71	81
CO20457+	CO20456	5.99	997 3-	397ACSR	1482	1394	1252	329	5666	129	22	0.01	2.72	48
CO20441+	CO20457	6.03	997 3-	397ACSR	1478	1390	1247	329	5665	129	22	0.01	2.73	93
CO20442+	CO20441	6.11	924 3-	397ACSR	1470	1382	1239	328	4301	97	17	0.02	2.75	114
CO20465+	CO20442	6.18	921 3-	397ACSR	1463	1375	1231	328	4209	95	17	0.02	2.77	97
CO20466+	CO20465	6.24	2 1-	4ACSR	0	0	1219	327	1	0	0	0.00	2.77	0
CO20464+	CO20465	6.26	919 3-	397ACSR	1454	1366	1221	328	4208	95	17	0.02	2.79	121
CO20581+	CO20464	6.55	734 3-	4/0ACSR	1419	1331	1184	326	3062	69	20	0.08	2.87	400
CO20580+	CO20581	6.60	734 3-	4/0ACSR	1413	1326	1179	326	3060	69	20	0.01	2.89	61
CO20582+	CO20580	6.76	733 3-	4/0ACSR	1394	1307	1159	324	3047	68	20	0.05	2.93	225
CO20774+	CO20582	6.86	733 3-	4/0ACSR	1383	1296	1148	324	3046	68	20	0.03	2.96	130
CO20775+	CO20774	6.88	732 3-	4/0ACSR	1381	1294	1145	324	3035	68	20	0.01	2.97	28
CO20778+	CO20775	6.90	729 3-	4/0ACSR	1379	1291	1143	324	3006	68	20	0.01	2.97	26
CO20779+	CO20778	6.96	727 3-	4/0ACSR	1372	1285	1136	323	2998	67	20	0.02	2.99	81
CO20780+	CO20779	6.98	722 3-	4/0ACSR	1369	1282	1133	323	2986	67	20	0.01	3.00	32
CO20448+	CO20780	7.01	718 3-	4/0ACSR	1366	1279	1130	323	2981	67	20	0.01	3.01	39
CO20496+	CO20448	7.15	1 1-	4ACSR	0	0	1107	320	5	0	0	0.00	3.01	0
CO20449+	CO20448	7.06	716 3-	4/0ACSR	1360	1273	1124	323	2975	67	20	0.01	3.02	66
CO20823+	CO20449	7.07	715 3-	4/0ACSR	1359	1272	1123	323	2957	66	20	0.00	3.02	9
OC965+	CO20823	7.07	715 3-	WVE	1359	1272	1123	323	2957	66	12	0.00	3.02	0
CO20824+	OC965	7.23	715 3-	4/0ACSR	1342	1255	1105	321	2957	66	20	0.05	3.07	212
CO20588+	CO20824	7.37	715 3-	4/0ACSR	1327	1241	1091	321	2956	66	20	0.04	3.11	171
CO20587+	CO20588	7.44	715 3-	4/0ACSR	1320	1234	1083	320	2955	66	20	0.02	3.13	98
CO20586+	CO20587	7.48	715 3-	4/0ACSR	1316	1230	1080	320	2954	66	20	0.01	3.14	42
CO20585+	CO20586	7.48	715 3-	4/0ACSR	1315	1229	1079	320	2954	66	20	0.00	3.14	10
CO30686+	CO20585	7.70	1 3-	1/0ACSR	1289	1205	1053	318	3	0	0	0.00	3.14	0
CO23849+	CO20585	7.49	714 3-	1/0ACSR	1315	1229	1078	320	2951	66	29	0.00	3.14	17
CA75+	CO23849	7.49	0 3-	Capacitor	1315	1229	1078	320	0	-7	0	0.00	3.14	0
CO23850+	CO23849	7.59	714 3-	1/0ACSR	1302	1217	1066	319	2951	67	29	0.06	3.20	259
CO19601+	CO23850	7.67	20 1-	1/0ACSR	0	0	1056	318	84	5	3	0.01	3.20	0
CO19860+	CO19601	7.72	8 1-	1/0ACSR	0	0	1050	318	51	3	2	0.00	3.20	0
CO19859+	CO19860	7.75	6 1-	1/0ACSR	0	0	1047	317	42	2	1	0.00	3.21	0
CO19858+	CO19859	7.77	3 1-	1/0ACSR	0	0	1044	317	26	1	1	0.00	3.21	0
CO19804+	CO19858	7.85	1 1-	2ACSR	0	0	1035	316	5	0	0	0.00	3.21	0
CO19806+	CO19858	7.81	1 1-	1/0ACSR	0	0	1040	317	12	0	0	0.00	3.21	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19846+	CO19601	7.71	7 1-	1/0ACSR	0	0	1051	318	21	1	1	0.00	3.20	0
CO19845+	CO19846	7.74	7 1-	1/0ACSR	0	0	1049	317	21	1	1	0.00	3.20	0
CO19847+	CO19845	7.77	5 1-	1/0ACSR	0	0	1044	317	13	0	0	0.00	3.20	0
CO19862+	CO19847	7.82	4 1-	1/0ACSR	0	0	1039	317	12	0	0	0.00	3.21	0
CO19861+	CO19862	7.84	3 1-	1/0ACSR	0	0	1037	316	12	0	0	0.00	3.21	0
CO19803+	CO19861	7.87	1 1-	2/0ACSR	0	0	1033	316	6	0	0	0.00	3.21	0
CO19848+	CO19847	7.79	1 1-	1/0ACSR	0	0	1043	317	1	0	0	0.00	3.20	0
CO19453+	CO23850	7.72	692 3-	1/0ACSR	1287	1202	1051	318	2860	65	29	0.07	3.27	318
CO19463+	CO19453	7.78	2 1-	1/0ACSR	0	0	1043	317	1	0	0	0.00	3.27	0
CO19454+	CO19453	7.76	689 3-	1/0ACSR	1282	1198	1046	317	2854	65	29	0.02	3.29	95
CO19541+	CO19454	7.79	689 3-	1/0ACSR	1278	1194	1042	317	2853	65	29	0.02	3.31	92
CO19538+	CO19541	7.89	689 3-	1/0ACSR	1267	1183	1031	316	2853	65	29	0.05	3.36	234
CO19540+	CO19538	7.96	689 3-	1/0ACSR	1258	1175	1022	315	2852	65	29	0.04	3.41	187
CO19539+	CO19540	8.00	689 3-	1/0ACSR	1254	1171	1018	315	2851	65	29	0.02	3.43	91
CO19478+	CO19539	8.15	685 3-	1/0ACSR	1236	1155	1001	313	2829	65	28	0.08	3.51	371
CO19477+	CO19478	8.55	685 3-	1/0ACSR	1193	1114	960	309	2827	65	28	0.22	3.73	969
CO19459+	CO19477	8.64	1 1-	4ACSR	0	0	948	308	12	0	1	0.00	3.73	0
CO19484+	CO19477	8.57	671 3-	1/0ACSR	1191	1112	958	309	2775	63	28	0.01	3.74	42
CO19483+	CO19484	8.59	669 3-	1/0ACSR	1188	1109	956	309	2767	63	28	0.01	3.76	58
CO19494+	CO19483	8.61	666 3-	1/0ACSR	1187	1108	954	309	2760	63	28	0.01	3.76	38
CO19485+	CO19494	8.66	666 3-	1/0ACSR	1182	1103	949	308	2760	63	28	0.03	3.79	110
CO19630+	CO19485	8.85	666 3-	1/0ACSR	1162	1085	931	307	2759	63	28	0.10	3.89	440
CO19493+	CO19630	8.89	665 3-	1/0ACSR	1158	1081	927	306	2757	63	28	0.02	3.92	97
CO19620+	CO19493	8.95	1 1-	2ACSR	0	0	921	306	4	0	0	0.00	3.92	0
CO19619+	CO19620	9.01	1 1-	2ACSR	0	0	915	305	4	0	0	0.00	3.92	0
CO19492+	CO19493	8.90	661 3-	1/0ACSR	1157	1080	926	306	2745	63	28	0.01	3.92	30
CO19486+	CO19492	9.03	661 3-	1/0ACSR	1144	1068	914	305	2745	63	28	0.07	3.99	291
CO19488+	CO19486	9.12	660 3-	1/0ACSR	1135	1060	906	304	2744	63	28	0.05	4.04	211
CO19487+	CO19488	9.17	659 3-	1/0ACSR	1130	1055	902	304	2731	63	27	0.02	4.06	107
CO-1040388465+	CO19487	9.19	1 1-	2ACSR	0	0	899	303	10	0	0	0.00	4.06	0
CO19473+	CO19487	9.21	2 1-	2ACSR	0	0	897	303	6	0	0	0.00	4.06	0
CO19489+	CO19487	9.26	656 3-	1/0ACSR	1121	1047	893	303	2714	62	27	0.05	4.11	214
CO19491+	CO19489	9.30	656 3-	1/0ACSR	1118	1044	890	302	2713	62	27	0.02	4.13	85
CO19490+	CO19491	9.36	656 3-	1/0ACSR	1112	1038	885	302	2713	62	27	0.03	4.17	137
CO19593+	CO19490	9.46	1 1-	4ACSR	0	0	874	300	2	0	0	0.00	4.17	0
CO19592+	CO19490	9.50	2 1-	4ACSR	0	0	868	299	9	0	0	0.00	4.17	0
CO19594+	CO19592	9.58	2 1-	4ACSR	0	0	860	298	9	0	0	0.00	4.17	0
CO19595+	CO19594	9.69	1 1-	4ACSR	0	0	848	296	4	0	0	0.00	4.17	0
CO19496+	CO19490	9.46	653 3-	1/0ACSR	1103	1030	876	301	2700	62	27	0.05	4.22	223
CO19495+	CO19496	9.50	651 3-	1/0ACSR	1099	1026	872	301	2688	62	27	0.02	4.24	96
CO19497+	CO19495	9.61	651 3-	1/0ACSR	1089	1017	864	300	2688	62	27	0.06	4.30	234
CO19597+	CO19497	9.67	2 1-	4ACSR	0	0	857	299	5	0	0	0.00	4.30	0
CO19596+	CO19597	9.70	2 1-	4ACSR	0	0	853	298	5	0	0	0.00	4.30	0
CO19461+	CO19497	9.66	3 1-	4ACSR	0	0	858	299	14	0	1	0.00	4.30	0
CO19501+	CO19497	9.77	646 3-	1/0ACSR	1075	1004	851	298	2668	61	27	0.08	4.38	347
CO19498+	CO19501	9.80	644 3-	1/0ACSR	1072	1001	848	298	2654	61	27	0.02	4.40	73
CO19500+	CO19498	9.83	642 3-	1/0ACSR	1070	999	846	298	2643	61	27	0.01	4.41	53
CO19499+	CO19500	9.96	640 3-	1/0ACSR	1058	988	836	297	2639	61	27	0.07	4.48	278
CO19452+	CO19499	10.03	638 3-	1/0ACSR	1052	982	830	296	2632	60	26	0.04	4.52	159
CO19455+	CO19452	10.08	638 3-	1/0ACSR	1048	979	826	295	2631	60	26	0.02	4.54	99
CO19476+	CO19455	10.13	1 1-	2ACSR	0	0	822	295	0	0	0	0.00	4.54	0
CO19626+	CO19455	10.09	26 1-	4ACSR	0	0	826	295	69	4	3	0.00	4.54	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC587+	CO19626	10.09	26 1-	35 E OCR	0	0	826	295	69	4	14	0.00	4.54	0
CO19627+	OC587	10.30	26 1-	4ACSR	0	0	804	292	69	4	3	0.02	4.56	3
CO19542+	CO19627	10.39	24 1-	4ACSR	0	0	794	290	66	4	3	0.01	4.57	0
CO19471+	CO19542	10.46	1 1-	4ACSR	0	0	788	289	2	0	0	0.00	4.57	0
CO19631+	CO19542	10.53	21 1-	4ACSR	0	0	781	288	60	4	3	0.01	4.59	0
CO19502+	CO19631	10.54	21 1-	4ACSR	0	0	780	288	60	4	3	0.00	4.59	0
CO19504+	CO19502	10.56	21 1-	4ACSR	0	0	778	287	60	4	3	0.00	4.59	0
CO19503+	CO19504	10.69	20 1-	4ACSR	0	0	766	285	60	4	3	0.01	4.60	0
CO19512+	CO19503	10.79	14 1-	4ACSR	0	0	756	284	48	3	2	0.01	4.61	0
CO19474+	CO19512	10.83	1 1-	2ACSR	0	0	754	283	4	0	0	0.00	4.61	0
CO19511+	CO19512	10.89	13 1-	4ACSR	0	0	747	282	45	3	2	0.01	4.62	0
CO19508+	CO19511	11.01	13 1-	4ACSR	0	0	737	280	45	3	2	0.01	4.63	0
CO19510+	CO19508	11.08	13 1-	4ACSR	0	0	730	279	45	3	2	0.01	4.63	0
CO19509+	CO19510	11.15	13 1-	4ACSR	0	0	724	278	45	3	2	0.00	4.64	0
CO23724+	CO19509	11.30	13 1-	4ACSR	0	0	712	276	45	3	2	0.01	4.65	0
CO19840+	CO23724	11.43	6 1-	4ACSR	0	0	700	274	30	2	2	0.01	4.65	0
CO23723+	CO19840	11.53	4 1-	4ACSR	0	0	692	272	27	1	1	0.00	4.66	0
CO19598+	CO23723	11.58	2 1-	4ACSR	0	0	689	272	12	0	1	0.00	4.66	0
CO1990023513+	CO23723	11.59	1 1-	2ACSR	0	0	688	272	5	0	0	0.00	4.66	0
CO528716087+	CO1990023513	11.64	1 1-	2ACSR	0	0	685	271	5	0	0	0.00	4.66	0
CO19827+	CO23724	11.34	7 1-	4ACSR	0	0	708	275	14	1	1	0.00	4.65	0
CO19829+	CO19827	11.38	6 1-	4ACSR	0	0	704	275	12	0	1	0.00	4.65	0
CO19830+	CO19829	11.45	6 1-	4ACSR	0	0	699	274	12	0	1	0.00	4.65	0
CO19828+	CO19830	11.51	6 1-	4ACSR	0	0	694	273	12	0	1	0.00	4.65	0
CO19839+	CO19828	11.60	0 1-	4ACSR	0	0	687	272	0	0	0	0.00	4.65	0
CO19838+	CO19839	11.68	0 1-	4ACSR	0	0	680	270	0	0	0	0.00	4.65	0
CO19826+	CO19828	11.59	4 1-	4ACSR	0	0	687	272	7	0	0	0.00	4.65	0
CO19821+	CO19826	11.69	3 1-	4ACSR	0	0	680	270	5	0	0	0.00	4.65	0
CO19825+	CO19821	11.73	2 1-	4ACSR	0	0	676	270	3	0	0	0.00	4.65	0
CO19822+	CO19825	11.98	1 1-	4ACSR	0	0	657	266	2	0	0	0.00	4.65	0
CO19824+	CO19822	12.12	1 1-	4ACSR	0	0	647	264	2	0	0	0.00	4.65	0
CO19823+	CO19824	12.15	1 1-	4ACSR	0	0	645	264	2	0	0	0.00	4.66	0
CO19801+	CO19823	12.22	0 1-	4ACSR	0	0	640	263	0	0	0	0.00	4.66	0
CO19837+	CO19823	12.18	0 1-	4ACSR	0	0	643	263	0	0	0	0.00	4.66	0
CO19836+	CO19837	12.22	0 1-	4ACSR	0	0	640	263	0	0	0	0.00	4.66	0
CO19835+	CO19823	12.25	1 1-	4ACSR	0	0	638	262	2	0	0	0.00	4.66	0
CO19834+	CO19835	12.28	1 1-	4ACSR	0	0	636	262	2	0	0	0.00	4.66	0
CO19507+	CO19503	10.76	6 1-	4ACSR	0	0	759	284	12	0	1	0.00	4.60	0
CO19505+	CO19507	10.86	6 1-	4ACSR	0	0	750	283	12	0	1	0.00	4.61	0
CO19506+	CO19505	10.89	6 1-	4ACSR	0	0	747	282	12	0	1	0.00	4.61	0
CO23725+	CO19506	11.01	4 1-	4ACSR	0	0	736	280	8	0	0	0.00	4.61	0
CO19809+	CO23725	11.09	4 1-	4ACSR	0	0	729	279	8	0	0	0.00	4.61	0
CO19808+	CO19809	11.13	3 1-	4ACSR	0	0	726	279	8	0	0	0.00	4.61	0
CO19844+	CO19808	11.22	1 1-	4ACSR	0	0	718	277	3	0	0	0.00	4.61	0
CO19843+	CO19844	11.29	1 1-	4ACSR	0	0	712	276	3	0	0	0.00	4.61	0
CO19842+	CO19808	11.17	1 1-	4ACSR	0	0	722	278	1	0	0	0.00	4.61	0
CO19841+	CO19842	11.24	1 1-	4ACSR	0	0	716	277	1	0	0	0.00	4.61	0
CO19550+	CO19455	10.21	611 3-	1/0ACSR	1037	968	816	294	2561	59	26	0.07	4.61	273
CO19549+	CO19550	10.26	611 3-	1/0ACSR	1033	965	813	294	2560	59	26	0.02	4.63	94
CO30680+	CO19549	10.40	609 3-	1/0ACSR	1022	954	803	293	2552	60	26	0.07	4.71	286
CO19543+	CO30680	10.47	608 3-	1/0ACSR	1016	949	797	292	2549	60	26	0.04	4.75	159
CO19547+	CO19543	10.54	607 3-	1/0ACSR	1011	944	793	291	2538	60	26	0.03	4.78	132

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO19546+	CO19547	10.61	606 3-	1/0ACSR	1005	939	788	291	2536	60	26	0.04	4.82	144
CO19544+	CO19546	10.74	606 3-	1/0ACSR	995	930	779	290	2535	60	26	0.07	4.89	277
CO19545+	CO19544	10.79	605 3-	1/0ACSR	991	926	775	289	2527	60	26	0.03	4.92	111
CO19456+	CO19545	10.97	595 3-	1/0ACSR	978	914	764	288	2486	59	26	0.09	5.01	349
CO19579+	CO19456	10.98	594 3-	1/0ACSR	977	913	763	288	2477	59	26	0.01	5.02	27
CO19576+	CO19579	11.01	594 3-	1/0ACSR	974	911	761	287	2477	59	26	0.01	5.04	56
CO19578+	CO19576	11.03	593 3-	1/0ACSR	973	909	759	287	2468	58	26	0.01	5.05	51
CO19577+	CO19578	11.08	592 3-	1/0ACSR	969	906	756	287	2459	58	25	0.02	5.07	92
CO19571+	CO19577	11.23	589 3-	1/0ACSR	958	895	747	286	2448	58	25	0.08	5.16	304
CO19572+	CO19571	11.28	588 3-	1/0ACSR	955	893	744	285	2443	58	25	0.02	5.18	78
CO19570+	CO19572	11.29	588 3-	1/0ACSR	954	892	743	285	2443	58	25	0.01	5.19	34
CO19569+	CO19570	11.44	586 3-	1/0ACSR	943	882	734	284	2429	57	25	0.08	5.26	278
CO19466+	CO19569	11.55	1 1-	4ACSR	0	0	725	282	5	0	0	0.00	5.26	0
CO19573+	CO19569	11.49	585 3-	1/0ACSR	940	879	731	283	2423	57	25	0.03	5.29	96
CO19575+	CO19573	11.52	585 3-	1/0ACSR	938	877	729	283	2422	57	25	0.01	5.30	54
CO30551+	CO19575	11.57	583 3-	1/0ACSR	934	874	726	283	2405	57	25	0.03	5.33	102
CO19574+	CO30551	11.58	583 3-	1/0ACSR	934	873	725	283	2404	57	25	0.01	5.34	21
CO19468+	CO19574	11.68	1 1-	4ACSR	0	0	718	281	3	0	0	0.00	5.34	0
CO19467+	CO19574	11.70	1 1-	4ACSR	0	0	715	281	8	0	0	0.00	5.34	0
CO19557+	CO19574	11.73	581 3-	1/0ACSR	923	864	717	281	2393	57	25	0.08	5.41	278
CO19559+	CO19557	11.75	581 3-	1/0ACSR	922	862	715	281	2391	57	25	0.01	5.42	43
CO19558+	CO19559	11.87	581 3-	1/0ACSR	914	855	709	280	2391	57	25	0.06	5.49	220
CO19469+	CO19558	12.00	1 1-	4ACSR	0	0	698	278	6	0	0	0.00	5.49	0
CO19560+	CO19558	11.92	580 3-	1/0ACSR	910	852	706	280	2384	57	25	0.03	5.51	102
CO19621+	CO19560	11.96	580 3-	1/0ACSR	908	850	704	280	2383	57	25	0.02	5.53	60
CO19475+	CO19621	11.97	2 1-	2ACSR	0	0	703	279	11	0	0	0.00	5.53	0
CO19622+	CO19621	12.14	578 3-	1/0ACSR	897	839	694	278	2372	56	25	0.09	5.62	334
CO19608+	CO19622	12.17	2 1-	4ACSR	0	0	691	278	10	0	1	0.00	5.62	0
CO19610+	CO19608	12.18	2 1-	4ACSR	0	0	690	277	10	0	1	0.00	5.62	0
CO19609+	CO19610	12.22	2 1-	4ACSR	0	0	687	277	10	0	1	0.00	5.62	0
CO19457+	CO19622	12.20	576 3-	1/0ACSR	893	835	691	278	2360	56	25	0.03	5.65	109
CO19562+	CO19457	12.23	576 3-	1/0ACSR	891	833	689	277	2360	56	25	0.02	5.67	69
CO19561+	CO19562	12.27	576 3-	1/0ACSR	888	831	686	277	2360	56	25	0.02	5.69	74
CO19564+	CO19561	12.41	569 3-	1/0ACSR	880	823	679	276	2324	55	24	0.07	5.76	240
CO19472+	CO19564	12.47	1 1-	2ACSR	0	0	676	275	3	0	0	0.00	5.76	0
CO19563+	CO19564	12.52	567 3-	1/0ACSR	873	817	674	275	2313	55	24	0.05	5.81	190
CO19616+	CO19563	12.60	3 1-	4ACSR	0	0	667	274	24	1	1	0.00	5.82	0
CO19618+	CO19616	12.63	2 1-	4ACSR	0	0	665	273	11	0	1	0.00	5.82	0
CO19617+	CO19618	12.67	2 1-	4ACSR	0	0	663	273	11	0	1	0.00	5.82	0
CO19568+	CO19563	12.57	564 3-	1/0ACSR	870	814	671	275	2288	54	24	0.03	5.84	93
CO19565+	CO19568	12.68	564 3-	1/0ACSR	863	808	666	274	2287	54	24	0.05	5.89	182
CO19567+	CO19565	12.91	564 3-	1/0ACSR	850	796	654	272	2287	54	24	0.11	6.01	401
CO19566+	CO19567	12.98	564 3-	1/0ACSR	846	792	651	272	2285	54	24	0.03	6.04	120
CO23735+	CO19566	13.31	498 3-	1/0ACSR	827	775	635	269	2074	49	22	0.15	6.19	475
CO23761+	CO23735	13.36	496 3-	1/0ACSR	824	772	633	269	2070	49	22	0.02	6.22	74
CO19107+	CO23761	13.49	495 3-	1/0ACSR	817	766	627	268	2070	49	22	0.06	6.27	180
CO19108+	CO19107	13.52	108 1-	4ACSR	0	0	625	267	424	30	22	0.02	6.30	17
CO19109+	CO19108	13.56	107 1-	4ACSR	0	0	622	267	413	29	21	0.02	6.32	16
CO19153+	CO19109	13.57	107 1-	4ACSR	0	0	622	267	413	29	21	0.00	6.32	3
OC575+	CO19153	13.57	107 1-	50 H OCR	0	0	622	267	413	29	59	0.00	6.32	0
CO19154+	OC575	13.64	107 1-	4ACSR	0	0	617	266	413	29	21	0.05	6.37	35
CO19115+	CO19154	13.71	106 1-	4ACSR	0	0	613	265	399	28	20	0.05	6.42	31

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19042+	CO19115	13.75	2 1-	4ACSR	0	0	610	264	0	0	0	0.00	6.42	0
CO19113+	CO19115	13.81	102 1-	4ACSR	0	0	607	263	388	27	20	0.06	6.48	37
CO19114+	CO19113	13.90	100 1-	4ACSR	0	0	601	262	369	26	19	0.05	6.53	33
CO19112+	CO19114	13.96	98 1-	4ACSR	0	0	598	261	358	25	18	0.03	6.57	20
CO19111+	CO19112	14.04	98 1-	4ACSR	0	0	593	260	358	25	18	0.05	6.62	29
CO19110+	CO19111	14.10	96 1-	4ACSR	0	0	589	259	351	25	18	0.04	6.65	22
CO19038+	CO19110	14.28	94 1-	4ACSR	0	0	579	257	344	24	18	0.10	6.76	59
CO19074+	CO19038	14.48	1 1-	4ACSR	0	0	568	254	2	0	0	0.00	6.76	0
CO19073+	CO19074	14.56	1 1-	4ACSR	0	0	564	253	2	0	0	0.00	6.76	0
CO19066+	CO19038	14.36	93 1-	4ACSR	0	0	574	256	342	24	18	0.05	6.80	27
CO19067+	CO19066	14.50	93 1-	4ACSR	0	0	567	254	342	24	18	0.08	6.88	45
CO19068+	CO19067	14.62	93 1-	4ACSR	0	0	561	253	342	24	18	0.06	6.95	37
CO19045+	CO19068	14.71	1 1-	4ACSR	0	0	555	251	1	0	0	0.00	6.95	0
CO19044+	CO19068	14.72	1 1-	4ACSR	0	0	555	251	1	0	0	0.00	6.95	0
CO19043+	CO19068	14.78	1 1-	4ACSR	0	0	552	251	6	0	0	0.00	6.95	0
CO19039+	CO19068	14.87	90 1-	4ACSR	0	0	547	249	333	24	17	0.14	7.09	78
CO19046+	CO19039	14.95	0 1-	4ACSR	0	0	543	248	0	0	0	0.00	7.09	0
CO19123+	CO19039	14.89	90 1-	4ACSR	0	0	546	249	333	24	17	0.01	7.10	7
CO19122+	CO19123	14.93	1 1-	2ACSR	0	0	544	249	3	0	0	0.00	7.10	0
CO19121+	CO19123	15.00	87 1-	4ACSR	0	0	541	248	316	22	16	0.06	7.15	30
CO19040+	CO19121	15.16	84 1-	4ACSR	0	0	533	246	293	21	15	0.08	7.23	38
CO19119+	CO19040	15.29	83 1-	4ACSR	0	0	526	244	293	21	15	0.07	7.30	32
CO19120+	CO19119	15.43	80 1-	4ACSR	0	0	519	243	289	20	15	0.07	7.36	33
CO19055+	CO19120	15.47	2 1-	2ACSR	0	0	518	242	18	1	1	0.00	7.36	0
CO19099+	CO19120	15.54	78 1-	4ACSR	0	0	514	242	271	19	14	0.05	7.41	22
CO19047+	CO19099	15.62	1 1-	4ACSR	0	0	510	241	0	0	0	0.00	7.41	0
CO19117+	CO19099	15.60	77 1-	4ACSR	0	0	511	241	271	19	14	0.03	7.44	13
CO19118+	CO19117	15.67	75 1-	4ACSR	0	0	508	240	260	18	13	0.03	7.47	13
CO19116+	CO19118	15.81	74 1-	4ACSR	0	0	502	238	258	18	13	0.06	7.53	26
CO19096+	CO19116	15.88	74 1-	4ACSR	0	0	499	238	258	18	13	0.03	7.56	12
CO19048+	CO19096	15.94	1 1-	4ACSR	0	0	496	237	0	0	0	0.00	7.56	0
CO19125+	CO19096	15.96	72 1-	4ACSR	0	0	495	237	242	17	13	0.03	7.59	13
CO23792+	CO19125	16.12	71 1-	4ACSR	0	0	488	235	237	17	12	0.06	7.65	24
CO17530+	CO23792	16.16	0 1-	4ACSR	0	0	487	234	0	0	0	0.00	7.65	0
CO17573+	CO23792	16.30	70 1-	4ACSR	0	0	481	233	232	16	12	0.07	7.72	27
CO17574+	CO17573	16.40	70 1-	4ACSR	0	0	477	232	232	16	12	0.04	7.76	16
CO17526+	CO17574	16.49	69 1-	4ACSR	0	0	473	231	232	16	12	0.03	7.80	13
CO17569+	CO17526	16.58	67 1-	4ACSR	0	0	469	230	230	16	12	0.04	7.83	14
CO17570+	CO17569	16.67	66 1-	4ACSR	0	0	466	229	224	16	12	0.03	7.87	13
CO17546+	CO17570	16.85	2 1-	4ACSR	0	0	459	227	3	0	0	0.00	7.87	0
CO17575+	CO17546	16.88	1 1-	4ACSR	0	0	458	227	3	0	0	0.00	7.87	0
CO17576+	CO17575	16.96	1 1-	4ACSR	0	0	455	226	3	0	0	0.00	7.87	0
CO17536+	CO17575	16.92	0 1-	2ACSR	0	0	457	227	0	0	0	0.00	7.87	0
CO17556+	CO17570	16.82	64 1-	4ACSR	0	0	460	227	221	16	11	0.06	7.92	21
CO17571+	CO17556	17.12	62 1-	4ACSR	0	0	449	224	218	15	11	0.11	8.03	39
CO17572+	CO17571	17.39	61 1-	4ACSR	0	0	439	222	215	15	11	0.10	8.13	36
CO17557+	CO17572	17.74	59 1-	4ACSR	0	0	427	218	211	15	11	0.12	8.25	43
CO17558+	CO17557	17.90	55 1-	4ACSR	0	0	422	217	203	14	11	0.05	8.30	19
CO17559+	CO17558	17.93	54 1-	4ACSR	0	0	421	217	202	14	11	0.01	8.31	3
CO17537+	CO17559	17.99	54 1-	4ACSR	0	0	419	216	202	14	11	0.02	8.33	6
CO17528+	CO17537	18.13	11 1-	4ACSR	0	0	414	215	38	2	2	0.01	8.34	0
CO17560+	CO17528	18.15	9 1-	4ACSR	0	0	414	215	31	2	2	0.00	8.34	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17561+	CO17560	18.18	8 1-	4ACSR	0	0	413	214	25	1	1	0.00	8.34	0
CO17539+	CO17561	18.25	6 1-	4ACSR	0	0	411	214	17	1	1	0.00	8.35	0
CO17540+	CO17539	18.33	5 1-	4ACSR	0	0	408	213	16	1	1	0.00	8.35	0
CO17541+	CO17540	18.38	5 1-	4ACSR	0	0	406	212	16	1	1	0.00	8.35	0
CO17564+	CO17541	18.42	4 1-	4ACSR	0	0	405	212	12	0	1	0.00	8.35	0
CO17565+	CO17564	18.48	2 1-	4ACSR	0	0	404	212	9	0	0	0.00	8.35	0
CO17566+	CO17565	18.52	1 1-	4ACSR	0	0	402	211	3	0	0	0.00	8.35	0
CO17542+	CO17566	18.55	1 1-	4ACSR	0	0	402	211	3	0	0	0.00	8.35	0
CO17543+	CO17542	18.76	1 1-	4ACSR	0	0	395	209	3	0	0	0.00	8.35	0
CO17579+	CO17543	18.89	0 1-	4ACSR	0	0	392	208	0	0	0	0.00	8.35	0
CO17533+	CO17528	18.19	2 1-	4ACSR	0	0	413	214	7	0	0	0.00	8.34	0
CO1481304749+	CO17533	18.23	1 1-	2ACSR	0	0	412	214	7	0	0	0.00	8.34	0
CO17527+	CO17537	18.10	42 1-	4ACSR	0	0	415	215	150	10	8	0.03	8.36	7
CO17577+	CO17527	18.11	37 1-	4ACSR	0	0	415	215	136	9	7	0.00	8.36	0
OC537+	CO17577	18.11	37 1-	25 H OCR	0	0	415	215	136	9	40	0.00	8.36	0
CO17578+	OC537	18.19	37 1-	4ACSR	0	0	412	214	136	9	7	0.02	8.38	4
CO17562+	CO17578	18.28	36 1-	4ACSR	0	0	410	213	128	9	7	0.02	8.40	4
CO17538+	CO17562	18.30	36 1-	4ACSR	0	0	409	213	128	9	7	0.00	8.40	0
CO17563+	CO17538	18.40	31 1-	4ACSR	0	0	406	212	109	7	6	0.02	8.42	3
CO23836+	CO17563	18.48	30 1-	4ACSR	0	0	404	212	109	7	6	0.01	8.44	3
CO17352+	CO23836	18.64	29 1-	4ACSR	0	0	399	210	107	7	6	0.03	8.47	5
CO17353+	CO17352	18.79	27 1-	4ACSR	0	0	394	209	102	7	5	0.03	8.49	4
CO17319+	CO17353	18.91	1 1-	4ACSR	0	0	391	208	7	0	0	0.00	8.49	0
CO17358+	CO17353	18.90	26 1-	4ACSR	0	0	391	208	95	6	5	0.02	8.51	3
CO17327+	CO17358	18.97	3 1-	2ACSR	0	0	390	208	3	0	0	0.00	8.51	0
CO17359+	CO17358	18.98	23 1-	4ACSR	0	0	389	207	92	6	5	0.01	8.52	0
CO17318+	CO17359	19.24	22 1-	4ACSR	0	0	382	205	90	6	5	0.04	8.56	6
CO17356+	CO17318	19.40	17 1-	4ACSR	0	0	377	204	72	5	4	0.02	8.58	2
CO17357+	CO17356	19.55	16 1-	4ACSR	0	0	374	203	72	5	4	0.02	8.60	0
CO17354+	CO17357	19.68	14 1-	4ACSR	0	0	370	201	55	4	3	0.01	8.61	0
CO17328+	CO17354	19.74	13 1-	4ACSR	0	0	368	201	52	3	3	0.01	8.61	0
CO17329+	CO17328	19.81	13 1-	4ACSR	0	0	367	200	52	3	3	0.01	8.62	0
CO17342+	CO17329	19.98	0 1-	4ACSR	0	0	363	199	0	0	0	0.00	8.62	0
CO17343+	CO17342	20.07	0 1-	4ACSR	0	0	360	198	0	0	0	0.00	8.62	0
CO17330+	CO17329	19.99	12 1-	4ACSR	0	0	362	199	47	3	2	0.01	8.63	0
CO17331+	CO17330	20.20	10 1-	4ACSR	0	0	357	197	43	3	2	0.01	8.65	0
CO17332+	CO17331	20.29	7 1-	4ACSR	0	0	355	197	35	2	2	0.01	8.65	0
CO17333+	CO17332	20.43	5 1-	4ACSR	0	0	352	196	28	2	1	0.01	8.66	0
CO17348+	CO17333	20.53	1 1-	4ACSR	0	0	349	195	6	0	0	0.00	8.66	0
CO17349+	CO17348	20.62	1 1-	4ACSR	0	0	347	194	6	0	0	0.00	8.66	0
CO17350+	CO17349	20.68	1 1-	4ACSR	0	0	346	194	6	0	0	0.00	8.66	0
CO17351+	CO17350	20.74	1 1-	4ACSR	0	0	345	193	6	0	0	0.00	8.66	0
CO17338+	CO17333	20.56	3 1-	4ACSR	0	0	349	195	17	1	1	0.00	8.66	0
CO17339+	CO17338	20.75	3 1-	4ACSR	0	0	344	193	17	1	1	0.01	8.67	0
CO17344+	CO17339	20.82	1 1-	4ACSR	0	0	343	193	9	0	0	0.00	8.67	0
CO17345+	CO17344	20.89	1 1-	4ACSR	0	0	341	192	9	0	0	0.00	8.67	0
CO17346+	CO17345	20.97	1 1-	4ACSR	0	0	340	192	9	0	0	0.00	8.67	0
CO17347+	CO17346	21.02	1 1-	4ACSR	0	0	338	191	9	0	0	0.00	8.67	0
CO17325+	CO17339	20.82	1 1-	4ACSR	0	0	343	193	6	0	0	0.00	8.67	0
CO17324+	CO17339	20.81	1 1-	4ACSR	0	0	343	193	1	0	0	0.00	8.67	0
CO1359889549+	CO17324	20.91	0 1-	2ACSR	0	0	341	192	0	0	0	0.00	8.67	0
CO-207059930+	CO1359889549	20.97	0 1-	2ACSR	0	0	340	192	0	0	0	0.00	8.67	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-1337219508+	CO-207059930	21.02	0 1-	2ACSR	0	0	339	192	0	0	0	0.00	8.67	0
CO-1741950953+	CO-1337219508	21.09	0 1-	2ACSR	0	0	338	191	0	0	0	0.00	8.67	0
CO17323+	CO17354	19.72	0 1-	4ACSR	0	0	369	201	0	0	0	0.00	8.61	0
CO17322+	CO17354	19.77	1 1-	4ACSR	0	0	368	201	3	0	0	0.00	8.61	0
CO17326+	CO17318	19.35	1 1-	4ACSR	0	0	379	204	1	0	0	0.00	8.56	0
CO17321+	CO17318	19.34	2 1-	4ACSR	0	0	379	204	3	0	0	0.00	8.56	0
CO17320+	CO17318	19.39	2 1-	4ACSR	0	0	378	204	14	0	1	0.00	8.56	0
CO2064800240+	CO17320	19.43	1 1-	2ACSR	0	0	377	204	12	0	0	0.00	8.56	0
CO17340+	CO17359	19.11	1 1-	4ACSR	0	0	385	206	3	0	0	0.00	8.52	0
CO17341+	CO17340	19.18	0 1-	4ACSR	0	0	383	206	0	0	0	0.00	8.52	0
CO17529+	CO17538	18.44	4 1-	4ACSR	0	0	405	212	9	0	0	0.00	8.41	0
CO17535+	CO17529	18.50	1 1-	4ACSR	0	0	403	211	0	0	0	0.00	8.41	0
CO17567+	CO17529	18.73	3 1-	4ACSR	0	0	396	209	9	0	0	0.00	8.41	0
CO17568+	CO17567	18.77	3 1-	4ACSR	0	0	395	209	9	0	0	0.00	8.41	0
CO23837+	CO17568	18.87	3 1-	4ACSR	0	0	392	208	9	0	0	0.00	8.41	0
CO17355+	CO23837	19.09	1 1-	4ACSR	0	0	386	206	3	0	0	0.00	8.41	0
CO17360+	CO17355	19.24	1 1-	4ACSR	0	0	382	205	3	0	0	0.00	8.42	0
CO17337+	CO17360	19.42	1 1-	4ACSR	0	0	377	204	3	0	0	0.00	8.42	0
CO17534+	CO17527	18.18	1 1-	4ACSR	0	0	413	214	5	0	0	0.00	8.36	0
CO17551+	CO17527	18.26	2 1-	4ACSR	0	0	410	214	7	0	0	0.00	8.36	0
CO17552+	CO17551	18.30	2 1-	4ACSR	0	0	409	213	7	0	0	0.00	8.36	0
CO17553+	CO17552	18.40	2 1-	4ACSR	0	0	406	212	7	0	0	0.00	8.37	0
CO17554+	CO17553	18.44	1 1-	4ACSR	0	0	405	212	6	0	0	0.00	8.37	0
CO17555+	CO17554	18.50	1 1-	4ACSR	0	0	403	211	6	0	0	0.00	8.37	0
CO17547+	CO17557	17.87	3 1-	4ACSR	0	0	423	217	7	0	0	0.00	8.25	0
CO17548+	CO17547	17.91	1 1-	4ACSR	0	0	421	217	0	0	0	0.00	8.25	0
CO17549+	CO17548	18.06	1 1-	4ACSR	0	0	417	215	0	0	0	0.00	8.25	0
CO17550+	CO17549	18.20	1 1-	4ACSR	0	0	412	214	0	0	0	0.00	8.25	0
CO17531+	CO17526	16.54	2 1-	4ACSR	0	0	471	230	2	0	0	0.00	7.80	0
CO17532+	CO17574	16.46	1 1-	4ACSR	0	0	474	231	0	0	0	0.00	7.76	0
CO19079+	CO19040	15.19	1 1-	4ACSR	0	0	531	246	0	0	0	0.00	7.23	0
CO19080+	CO19079	15.28	0 1-	4ACSR	0	0	527	245	0	0	0	0.00	7.23	0
CO19075+	CO19121	15.03	3 1-	4ACSR	0	0	539	247	22	1	1	0.00	7.16	0
CO19076+	CO19075	15.15	3 1-	4ACSR	0	0	533	246	22	1	1	0.00	7.16	0
CO19077+	CO19076	15.21	2 1-	4ACSR	0	0	530	245	15	1	1	0.00	7.16	0
CO19078+	CO19077	15.26	1 1-	4ACSR	0	0	527	245	8	0	0	0.00	7.16	0
CO19070+	CO19110	14.19	2 1-	4ACSR	0	0	584	258	7	0	0	0.00	6.66	0
CO19071+	CO19070	14.27	1 1-	4ACSR	0	0	580	257	6	0	0	0.00	6.66	0
CO19072+	CO19071	14.36	1 1-	4ACSR	0	0	575	256	6	0	0	0.00	6.66	0
CO19097+	CO19107	13.54	387 3-	1/0ACSR	815	763	625	267	1645	39	17	0.02	6.29	43
CO23762+	CO19097	13.66	387 3-	1/0ACSR	809	758	619	266	1645	39	17	0.04	6.33	107
CO19300+	CO23762	13.75	386 3-	1/0ACSR	804	753	616	266	1642	39	17	0.03	6.36	80
CO19301+	CO19300	13.77	386 3-	1/0ACSR	803	752	614	266	1642	39	17	0.01	6.37	24
CO19409+	CO19301	13.79	385 3-	1/0ACSR	801	751	614	265	1640	39	17	0.01	6.38	19
CO19410+	CO19409	13.82	384 3-	1/0ACSR	800	750	613	265	1627	39	17	0.01	6.39	20
CO19443+	CO19410	13.82	383 3-	1/0ACSR	800	750	612	265	1614	38	17	0.00	6.39	6
OC583+	CO19443	13.82	383 3-	70 E OCR	800	750	612	265	1614	38	56	0.00	6.39	0
CO19444+	OC583	14.11	383 3-	1/0ACSR	786	736	600	263	1614	38	17	0.10	6.49	246
CO19239+	CO19444	14.22	375 3-	1/0ACSR	780	731	596	262	1590	38	17	0.04	6.53	98
CO-1187315900+	CO19239	14.32	1 1-	2ACSR	0	0	591	261	2	0	0	0.00	6.53	0
CO19303+	CO19239	14.40	373 3-	1/0ACSR	771	723	589	261	1578	38	17	0.06	6.59	147
CO19304+	CO19303	14.47	373 3-	1/0ACSR	768	720	586	261	1577	38	17	0.03	6.62	63

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19302+	CO19304	14.66	373 3-	1/0ACSR	759	712	578	259	1577	38	17	0.07	6.68	159
CO19265+	CO19302	14.73	0 1-	4ACSR	0	0	575	258	0	0	0	0.00	6.68	0
CO19240+	CO19302	14.73	373 3-	1/0ACSR	756	709	576	259	1576	38	17	0.02	6.70	52
CO19266+	CO19240	14.78	2 1-	4ACSR	0	0	573	258	10	0	1	0.00	6.70	0
CO19242+	CO19240	14.86	371 3-	1/0ACSR	749	703	571	258	1565	37	16	0.05	6.75	110
CO19297+	CO19242	14.92	1 1-	2ACSR	0	0	568	257	3	0	0	0.00	6.75	0
CO19243+	CO19242	14.96	366 3-	1/0ACSR	745	699	567	257	1540	37	16	0.03	6.78	73
CO19380+	CO19243	15.00	4 1-	4ACSR	0	0	565	257	12	0	1	0.00	6.78	0
CO19381+	CO19380	15.03	4 1-	4ACSR	0	0	563	256	12	0	1	0.00	6.78	0
CO19367+	CO19243	15.06	4 1-	1/0ACSR	0	0	564	256	24	1	1	0.00	6.78	0
CO19368+	CO19367	15.18	2 1-	1/0ACSR	0	0	559	256	12	0	0	0.00	6.78	0
CO1984648975+	CO19368	15.20	0 1-	2ACSR	0	0	558	255	0	0	0	0.00	6.78	0
CO19369+	CO19368	15.31	0 1-	1/0ACSR	0	0	554	255	0	0	0	0.00	6.78	0
CO19244+	CO19243	15.09	358 3-	1/0ACSR	739	694	562	256	1505	36	16	0.04	6.82	100
CO19276+	CO19244	15.13	1 1-	4ACSR	0	0	560	256	6	0	0	0.00	6.82	0
CO19268+	CO19244	15.16	1 1-	4ACSR	0	0	558	255	2	0	0	0.00	6.82	0
CO19245+	CO19244	15.21	356 3-	1/0ACSR	734	689	558	255	1496	36	16	0.04	6.86	93
CO19269+	CO19245	15.27	1 1-	4ACSR	0	0	555	255	6	0	0	0.00	6.86	0
CO19310+	CO19245	15.26	355 3-	1/0ACSR	732	687	556	255	1490	36	16	0.02	6.88	38
CO19311+	CO19310	15.33	354 3-	1/0ACSR	729	684	554	255	1488	36	16	0.02	6.90	50
CO19309+	CO19311	15.42	353 3-	1/0ACSR	725	681	551	254	1485	35	16	0.03	6.93	65
CO19308+	CO19309	15.54	353 3-	1/0ACSR	720	676	546	253	1485	35	16	0.04	6.97	92
CO19307+	CO19308	15.63	353 3-	1/0ACSR	716	672	543	252	1484	35	16	0.03	7.00	68
CO19306+	CO19307	15.75	353 3-	1/0ACSR	711	668	539	252	1484	35	16	0.04	7.04	87
CO19305+	CO19306	15.82	353 3-	1/0ACSR	708	665	537	251	1483	35	16	0.02	7.06	55
CO19370+	CO19305	15.93	1 1-	4ACSR	0	0	531	250	3	0	0	0.00	7.06	0
CO19371+	CO19370	15.96	1 1-	4ACSR	0	0	530	249	3	0	0	0.00	7.06	0
CO19411+	CO19305	15.87	352 3-	1/0ACSR	706	663	535	251	1480	35	16	0.01	7.08	32
CO19412+	CO19411	15.93	351 3-	1/0ACSR	703	661	533	250	1478	35	16	0.02	7.10	50
CO19413+	CO19412	16.02	350 3-	1/0ACSR	700	658	530	250	1476	35	16	0.03	7.13	60
CO19414+	CO19413	16.08	349 3-	1/0ACSR	698	655	528	249	1467	35	15	0.02	7.15	45
CO19246+	CO19414	16.17	347 3-	1/0ACSR	694	652	525	249	1463	35	15	0.03	7.18	68
CO19271+	CO19246	16.29	3 1-	4ACSR	0	0	520	247	6	0	0	0.00	7.18	0
CO-885644322+	CO19271	16.35	1 1-	2ACSR	0	0	518	247	1	0	0	0.00	7.18	0
CO19315+	CO19246	16.28	343 3-	1/0ACSR	690	648	522	248	1456	35	15	0.03	7.21	76
CO-2059119804+	CO19315	16.41	0 1-	2ACSR	0	0	517	247	0	0	0	0.00	7.21	0
CO19316+	CO19315	16.36	342 3-	1/0ACSR	687	645	520	248	1451	35	15	0.03	7.24	56
CO19296+	CO19316	16.40	1 1-	1/0AAAC	0	0	518	247	6	0	0	0.00	7.24	0
CO19314+	CO19316	16.48	341 3-	1/0ACSR	682	641	516	247	1445	35	15	0.04	7.27	83
CO19313+	CO19314	16.55	340 3-	1/0ACSR	679	638	514	246	1436	34	15	0.02	7.30	53
CO19312+	CO19313	16.63	335 3-	1/0ACSR	676	636	511	246	1417	34	15	0.02	7.32	52
CO19427+	CO19312	16.70	4 1-	4ACSR	0	0	508	245	16	1	1	0.00	7.32	0
CO19429+	CO19427	16.77	2 1-	4ACSR	0	0	505	244	9	0	0	0.00	7.32	0
CO19430+	CO19429	16.85	1 1-	4ACSR	0	0	502	243	8	0	0	0.00	7.32	0
CO19428+	CO19430	16.92	0 1-	4ACSR	0	0	499	242	0	0	0	0.00	7.32	0
CO19372+	CO19312	16.66	3 1-	4ACSR	0	0	510	246	27	1	1	0.00	7.32	0
CO19373+	CO19372	16.76	2 1-	4ACSR	0	0	505	244	17	1	1	0.00	7.32	0
CO19374+	CO19373	16.81	0 1-	4ACSR	0	0	503	244	0	0	0	0.00	7.32	0
CO19247+	CO19312	16.79	326 3-	1/0ACSR	670	630	506	245	1370	33	14	0.05	7.37	105
CO1619992266+	CO19247	16.86	1 1-	2ACSR	0	0	504	244	3	0	0	0.00	7.37	0
CO19375+	CO19247	16.85	1 1-	4ACSR	0	0	504	244	6	0	0	0.00	7.37	0
CO19376+	CO19375	16.91	1 1-	4ACSR	0	0	501	243	6	0	0	0.00	7.37	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19318+	CO19247	16.89	322 3-	1/0ACSR	667	627	504	244	1347	32	14	0.03	7.40	56
CO19319+	CO19318	16.95	320 3-	1/0ACSR	664	624	502	244	1343	32	14	0.02	7.42	42
CO19317+	CO19319	16.98	319 3-	1/0ACSR	664	624	501	244	1343	32	14	0.01	7.42	15
CO19445+	CO19317	16.99	8 1-	4ACSR	0	0	501	244	23	1	1	0.00	7.42	0
OC579+	CO19445	16.99	8 1-	10 N FUSE	0	0	501	244	23	1	17	0.00	7.42	0
CO19446+	OC579	17.13	8 1-	4ACSR	0	0	495	242	23	1	1	0.01	7.43	0
CO19275+	CO19446	17.24	0 1-	4ACSR	0	0	490	241	0	0	0	0.00	7.43	0
CO19321+	CO19446	17.18	8 1-	4ACSR	0	0	492	241	23	1	1	0.00	7.43	0
CO19322+	CO19321	17.29	7 1-	4ACSR	0	0	488	240	23	1	1	0.00	7.44	0
CO19320+	CO19322	17.36	5 1-	4ACSR	0	0	485	239	21	1	1	0.00	7.44	0
CO19248+	CO19320	17.49	4 1-	4ACSR	0	0	480	238	16	1	1	0.00	7.44	0
CO19273+	CO19248	17.62	2 1-	4ACSR	0	0	475	236	2	0	0	0.00	7.44	0
CO19377+	CO19248	17.55	2 1-	4ACSR	0	0	478	237	14	1	1	0.00	7.44	0
CO19378+	CO19377	17.62	1 1-	4ACSR	0	0	475	236	4	0	0	0.00	7.44	0
CO19379+	CO19378	17.68	0 1-	4ACSR	0	0	473	236	0	0	0	0.00	7.44	0
CO19274+	CO19320	17.43	1 1-	4ACSR	0	0	482	238	4	0	0	0.00	7.44	0
CO19415+	CO19317	17.11	311 3-	1/0ACSR	659	619	497	243	1319	32	14	0.04	7.46	79
CO19416+	CO19415	17.17	308 3-	1/0ACSR	657	617	495	242	1310	31	14	0.02	7.48	36
CO19451+	CO19416	17.36	308 3-	1/0ACSR	650	611	490	241	1310	31	14	0.05	7.54	110
CO19249+	CO19451	17.48	3 1-	4ACSR	0	0	485	240	3	0	0	0.00	7.54	0
CO19278+	CO19249	17.69	1 1-	4ACSR	0	0	477	238	0	0	0	0.00	7.54	0
CO19277+	CO19249	17.57	2 1-	4ACSR	0	0	482	239	3	0	0	0.00	7.54	0
CO19328+	CO19451	17.42	305 3-	1/0ACSR	648	609	488	241	1307	31	14	0.02	7.55	33
CO19329+	CO19328	17.61	305 3-	1/0ACSR	641	603	483	240	1307	31	14	0.05	7.61	110
CO19330+	CO19329	17.66	305 3-	1/0ACSR	640	602	482	239	1306	31	14	0.02	7.62	31
CO19417+	CO19330	17.75	206 3-	1/0ACSR	637	599	479	239	875	21	9	0.02	7.64	23
CO19418+	CO19417	17.82	206 3-	1/0ACSR	635	597	478	238	874	21	9	0.01	7.65	17
CO19419+	CO19418	17.86	204 3-	1/0ACSR	633	595	476	238	866	21	9	0.01	7.66	12
CO19439+	CO19419	17.90	196 3-	1/0ACSR	632	594	475	238	815	19	9	0.01	7.67	8
CO19440+	CO19439	17.94	195 3-	1/0ACSR	631	593	474	238	810	19	9	0.01	7.67	9
CO19258+	CO19440	17.98	193 3-	1/0ACSR	629	592	473	237	797	19	8	0.01	7.68	8
CO19290+	CO19258	18.05	2 1-	4ACSR	0	0	471	237	19	1	1	0.00	7.68	0
CO19291+	CO19290	18.08	1 1-	4ACSR	0	0	470	236	10	0	1	0.00	7.68	0
CO19356+	CO19258	18.03	189 3-	1/0ACSR	627	590	472	237	772	18	8	0.01	7.69	12
CO19357+	CO19356	18.13	189 3-	1/0ACSR	624	587	470	237	772	18	8	0.02	7.71	19
CO19358+	CO19357	18.19	186 3-	1/0ACSR	622	586	468	236	759	18	8	0.01	7.72	12
CO741697535+	CO19358	18.25	1 1-	2ACSR	0	0	466	236	11	0	0	0.00	7.72	0
CO-913401232+	CO741697535	18.30	1 1-	2ACSR	0	0	465	235	11	0	0	0.00	7.72	0
CO-51514709+	CO-913401232	18.35	1 1-	2ACSR	0	0	463	235	11	0	0	0.00	7.72	0
CO-1171653460+	CO-51514709	18.43	1 1-	2ACSR	0	0	461	234	11	0	0	0.00	7.72	0
CO-299984558+	CO-1171653460	18.51	1 1-	2ACSR	0	0	459	234	11	0	0	0.00	7.72	0
CO-164659230+	CO-299984558	18.56	1 1-	2ACSR	0	0	457	233	11	0	0	0.00	7.72	0
CO616544130+	CO-164659230	18.61	1 1-	2ACSR	0	0	456	233	11	0	0	0.00	7.72	0
CO19359+	CO19358	18.22	183 3-	1/0ACSR	621	585	467	236	743	18	8	0.01	7.72	7
CO23727+	CO19359	18.50	183 3-	1/0ACSR	613	577	460	234	743	18	8	0.05	7.77	52
XFMR47	CO23727	18.50	183 3-	167 KVA 1PH AUT	524	502	459	155	743	18	157	1.35	9.12	0
CO19656	XFMR47	18.58	1 1-	4ACSR	0	0	454	155	3	0	0	0.00	9.13	0
CO19638	XFMR47	18.60	182 3-	1/0ACSR	520	498	454	155	740	36	16	0.07	9.19	80
CO19639	CO19638	18.78	176 3-	1/0ACSR	514	491	446	154	708	34	15	0.11	9.30	119
CO19795	CO19639	18.78	21 1-	4ACSR	0	0	446	154	72	10	8	0.00	9.31	0
OC593	CO19795	18.78	21 1-	15 H OCR	0	0	446	154	72	10	71	0.00	9.31	0
CO19796	OC593	18.82	21 1-	4ACSR	0	0	444	154	72	10	8	0.02	9.33	2

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19710	CO19796	18.86	20 1-	4ACSR	0	0	442	153	72	10	8	0.02	9.35	2
CO19711	CO19710	18.94	20 1-	4ACSR	0	0	437	153	72	10	8	0.04	9.39	4
CO19712	CO19711	19.01	19 1-	4ACSR	0	0	434	152	68	10	7	0.03	9.42	3
CO19666	CO19712	19.06	2 1-	4ACSR	0	0	431	151	4	0	0	0.00	9.42	0
CO19648	CO19712	19.11	15 1-	4ACSR	0	0	428	151	59	8	6	0.04	9.45	4
CO19746	CO19648	19.15	3 1-	4ACSR	0	0	426	151	11	1	1	0.00	9.46	0
CO19747	CO19746	19.18	1 1-	4ACSR	0	0	424	150	0	0	0	0.00	9.46	0
CO539283679	CO19747	19.24	1 1-	2ACSR	0	0	421	150	0	0	0	0.00	9.46	0
CO19715	CO19648	19.16	9 1-	4ACSR	0	0	425	151	35	5	4	0.01	9.46	0
CO19716	CO19715	19.18	7 1-	4ACSR	0	0	424	150	22	3	2	0.00	9.47	0
CO19714	CO19716	19.24	6 1-	4ACSR	0	0	421	150	22	3	2	0.01	9.47	0
CO19713	CO19714	19.29	6 1-	4ACSR	0	0	419	149	22	3	2	0.01	9.48	0
CO19767	CO19713	19.34	3 1-	4ACSR	0	0	416	149	9	1	1	0.00	9.48	0
CO23728	CO19767	19.42	1 1-	4ACSR	0	0	412	148	3	0	0	0.00	9.48	0
CO19360	CO23728	19.55	1 1-	4ACSR	0	0	405	147	3	0	0	0.00	9.49	0
CO19361	CO19360	19.62	1 1-	4ACSR	0	0	402	147	3	0	0	0.00	9.49	0
CO19362	CO19361	19.68	1 1-	4ACSR	0	0	399	146	3	0	0	0.00	9.49	0
CO19667	CO19713	19.33	1 1-	4ACSR	0	0	416	149	6	0	1	0.00	9.48	0
CO19793	CO19639	18.78	50 1-	4ACSR	0	0	446	154	199	29	21	0.01	9.30	3
OC592	CO19793	18.78	50 1-	50 H OCR	0	0	446	154	199	29	59	0.00	9.30	0
CO19794	OC592	18.86	50 1-	4ACSR	0	0	442	153	199	29	21	0.10	9.41	35
CO19669	CO19794	18.90	0 1-	4ACSR	0	0	440	153	0	0	0	0.00	9.41	0
CO19662	CO19794	18.93	1 1-	4ACSR	0	0	438	153	8	1	1	0.00	9.41	0
CO19702	CO19794	18.91	42 1-	4ACSR	0	0	439	153	177	26	19	0.07	9.47	20
CO19703	CO19702	18.95	42 1-	4ACSR	0	0	437	152	177	26	19	0.04	9.51	13
CO19647	CO19703	19.07	39 1-	4ACSR	0	0	430	151	171	25	18	0.14	9.65	39
CO19640	CO19647	19.13	33 1-	4ACSR	0	0	427	151	151	22	16	0.06	9.71	16
CO19641	CO19640	19.18	10 1-	4ACSR	0	0	424	150	45	6	5	0.01	9.73	0
CO19773	CO19641	19.26	3 1-	4ACSR	0	0	420	150	12	1	1	0.00	9.73	0
CO19774	CO19773	19.33	1 1-	4ACSR	0	0	416	149	1	0	0	0.00	9.73	0
CO19642	CO19641	19.22	7 1-	4ACSR	0	0	422	150	32	4	3	0.01	9.74	0
CO19643	CO19642	19.27	4 1-	4ACSR	0	0	420	150	14	2	1	0.00	9.74	0
CO19657	CO19643	19.34	0 1-	4ACSR	0	0	416	149	0	0	0	0.00	9.74	0
CO19733	CO19643	19.34	4 1-	4ACSR	0	0	416	149	14	2	1	0.01	9.75	0
CO19734	CO19733	19.42	2 1-	4ACSR	0	0	412	148	8	1	1	0.00	9.75	0
CO19735	CO19734	19.53	1 1-	4ACSR	0	0	406	147	2	0	0	0.00	9.75	0
CO19736	CO19642	19.31	3 1-	4ACSR	0	0	418	149	19	2	2	0.01	9.74	0
CO19737	CO19736	19.38	1 1-	4ACSR	0	0	414	149	5	0	0	0.00	9.74	0
CO19658	CO19640	19.21	1 1-	4ACSR	0	0	423	150	2	0	0	0.00	9.71	0
CO19644	CO19640	19.41	22 1-	4ACSR	0	0	412	148	105	15	11	0.20	9.91	36
CO30552	CO19644	19.46	21 1-	4ACSR	0	0	409	148	101	14	11	0.04	9.95	6
CO19738	CO30552	19.49	1 1-	4ACSR	0	0	408	148	11	1	1	0.00	9.95	0
CO19739	CO19738	19.54	1 1-	4ACSR	0	0	406	147	11	1	1	0.00	9.95	0
CO19740	CO19739	19.57	1 1-	4ACSR	0	0	404	147	11	1	1	0.00	9.95	0
CO19707	CO30552	19.51	20 1-	4ACSR	0	0	407	148	90	13	10	0.03	9.98	5
CO19708	CO19707	19.56	20 1-	4ACSR	0	0	405	147	90	13	10	0.03	10.01	4
CO19709	CO19708	19.64	20 1-	4ACSR	0	0	401	146	90	13	10	0.05	10.06	8
CO19741	CO19709	19.67	2 1-	4ACSR	0	0	399	146	17	2	2	0.00	10.06	0
CO19742	CO19741	19.71	0 1-	4ACSR	0	0	397	146	0	0	0	0.00	10.06	0
CO19645	CO19709	19.70	18 1-	4ACSR	0	0	398	146	74	10	8	0.03	10.09	4
CO19646	CO19645	19.78	15 1-	4ACSR	0	0	394	145	42	6	4	0.02	10.11	0
CO19775	CO19646	19.82	1 1-	4ACSR	0	0	392	145	1	0	0	0.00	10.11	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19776	CO19775	19.90	1 1-	4ACSR	0	0	388	144	1	0	0	0.00	10.11	0
CO19704	CO19646	19.89	13 1-	4ACSR	0	0	389	144	38	5	4	0.03	10.14	0
CO19705	CO19704	19.98	12 1-	4ACSR	0	0	384	144	35	5	4	0.02	10.16	0
CO19706	CO19705	20.10	11 1-	4ACSR	0	0	379	143	34	5	4	0.03	10.18	0
CO19744	CO19706	20.24	2 1-	4ACSR	0	0	372	142	9	1	1	0.01	10.19	0
CO19745	CO19744	20.28	1 1-	4ACSR	0	0	371	141	6	0	1	0.00	10.19	0
CO19743	CO19745	20.33	1 1-	4ACSR	0	0	369	141	6	0	1	0.00	10.19	0
CO19762	CO19706	20.23	8 1-	4ACSR	0	0	373	142	23	3	2	0.02	10.20	0
CO19763	CO19762	20.28	7 1-	4ACSR	0	0	371	141	23	3	2	0.01	10.21	0
CO19764	CO19763	20.32	6 1-	4ACSR	0	0	369	141	20	2	2	0.00	10.22	0
CO19765	CO19764	20.40	5 1-	4ACSR	0	0	365	140	17	2	2	0.01	10.22	0
CO19766	CO19765	20.46	3 1-	4ACSR	0	0	363	140	9	1	1	0.00	10.23	0
CO23729	CO19766	20.57	3 1-	4ACSR	0	0	358	139	9	1	1	0.01	10.23	0
CO19426	CO23729	20.64	3 1-	4ACSR	0	0	355	138	9	1	1	0.00	10.24	0
CO19425	CO19426	20.70	1 1-	4ACSR	0	0	353	138	3	0	0	0.00	10.24	0
CO19660	CO19645	19.74	1 1-	4ACSR	0	0	396	146	27	4	3	0.00	10.09	0
CO537843811	CO19645	19.78	2 1-	2ACSR	0	0	394	145	5	0	0	0.00	10.09	0
CO-1510353021	CO537843811	19.86	2 1-	2ACSR	0	0	391	145	5	0	0	0.00	10.09	0
CO-444335276	CO-1510353021	19.95	2 1-	2ACSR	0	0	388	144	5	0	0	0.00	10.09	0
CO266979456	CO-444335276	20.04	2 1-	2ACSR	0	0	384	144	5	0	0	0.00	10.09	0
CO-1041069549	CO266979456	20.13	1 1-	2ACSR	0	0	381	143	5	0	0	0.00	10.10	0
CO1423033009	CO-1041069549	20.21	1 1-	2ACSR	0	0	378	143	5	0	0	0.00	10.10	0
CO660605944	CO1423033009	20.27	1 1-	2ACSR	0	0	375	143	5	0	0	0.00	10.10	0
CO765348884	CO660605944	20.33	1 1-	2ACSR	0	0	373	142	5	0	0	0.00	10.10	0
CO-1042274841	CO266979456	20.19	1 1-	2ACSR	0	0	378	143	0	0	0	0.00	10.09	0
CO19659	CO19644	19.47	1 1-	4ACSR	0	0	409	148	3	0	0	0.00	9.91	0
CO19661	CO19647	19.15	1 1-	4ACSR	0	0	426	151	4	0	0	0.00	9.65	0
CO19665	CO19703	19.00	2 1-	4ACSR	0	0	434	152	3	0	0	0.00	9.51	0
CO19791	CO19794	18.87	6 1-	4ACSR	0	0	441	153	13	1	1	0.00	9.41	0
OC591	CO19791	18.87	6 1-	10 N FUSE	0	0	441	153	13	1	20	0.00	9.41	0
CO19792	OC591	18.93	6 1-	4ACSR	0	0	438	153	13	1	1	0.01	9.41	0
CO19780	CO19792	19.05	4 1-	4ACSR	0	0	431	152	9	1	1	0.00	9.42	0
CO19781	CO19780	19.16	3 1-	4ACSR	0	0	425	151	3	0	0	0.00	9.42	0
CO19664	CO19781	19.21	2 1-	4ACSR	0	0	423	150	3	0	0	0.00	9.42	0
CO19663	CO19781	19.22	0 1-	4ACSR	0	0	422	150	0	0	0	0.00	9.42	0
CO19789	CO19639	18.78	105 1-	4ACSR	0	0	446	154	437	64	46	0.02	9.31	15
OC590	CO19789	18.78	105 1-	50 H OCR	0	0	446	154	437	64	129	0.00	9.31	0
CO19790	OC590	18.80	105 1-	4ACSR	0	0	445	154	437	64	46	0.04	9.35	29
CO19717	CO19790	18.81	104 1-	4ACSR	0	0	444	154	427	62	45	0.05	9.40	36
CO19799	CO19717	19.10	103 1-	4ACSR	0	0	428	151	427	62	45	0.83	10.23	604
CO19683	CO19799	19.12	98 1-	4ACSR	0	0	428	151	386	57	41	0.04	10.27	26
CO19684	CO19683	19.16	98 1-	4ACSR	0	0	425	151	386	57	41	0.10	10.38	68
CO19682	CO19684	19.18	97 1-	4ACSR	0	0	424	150	377	56	40	0.05	10.43	34
CO19681	CO19682	19.20	97 1-	4ACSR	0	0	423	150	377	56	40	0.05	10.48	33
CO19680	CO19681	19.31	95 1-	4ACSR	0	0	418	149	367	54	39	0.27	10.75	170
CO-1499584120	CO19680	19.35	10 1-	2ACSR	0	0	416	149	42	6	3	0.01	10.76	0
CO1141996931	CO-1499584120	19.40	3 1-	2ACSR	0	0	413	149	12	1	1	0.00	10.76	0
CO896198273	CO-1499584120	19.40	7 1-	2ACSR	0	0	413	149	30	4	3	0.01	10.77	0
CO19721	CO896198273	19.50	3 1-	4ACSR	0	0	409	148	11	1	1	0.00	10.77	0
CO19722	CO19721	19.54	1 1-	4ACSR	0	0	406	147	0	0	0	0.00	10.77	0
CO19731	CO896198273	19.43	4 1-	4ACSR	0	0	412	148	19	2	2	0.00	10.77	0
CO19732	CO19731	19.47	2 1-	4ACSR	0	0	410	148	10	1	1	0.00	10.77	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO19633	CO19680	19.37	58 1-	4ACSR	0	0	414	149	230	34	25	0.09	10.84	36
CO19777	CO19633	19.41	48 1-	4ACSR	0	0	412	148	188	28	20	0.05	10.90	17
CO1928293004	CO19777	19.45	2 1-	2ACSR	0	0	410	148	11	1	1	0.00	10.90	0
CO-1371730700	CO1928293004	19.49	2 1-	2ACSR	0	0	409	148	11	1	1	0.00	10.90	0
CO19778	CO19777	19.48	44 1-	4ACSR	0	0	409	148	168	25	18	0.07	10.97	21
CO19779	CO19778	19.61	44 1-	4ACSR	0	0	402	147	168	25	18	0.16	11.13	46
CO19718	CO19779	19.66	2 1-	4ACSR	0	0	400	146	7	1	1	0.00	11.13	0
CO19719	CO19718	19.72	0 1-	4ACSR	0	0	397	146	0	0	0	0.00	11.13	0
CO19678	CO19779	19.69	9 1-	4ACSR	0	0	398	146	42	6	4	0.02	11.15	0
CO19679	CO19678	19.77	8 1-	4ACSR	0	0	394	145	39	5	4	0.02	11.17	0
CO19785	CO19679	19.81	3 1-	4ACSR	0	0	392	145	17	2	2	0.00	11.17	0
CO19786	CO19785	19.88	2 1-	4ACSR	0	0	389	144	14	2	1	0.01	11.18	0
CO19654	CO19786	19.92	1 1-	4ACSR	0	0	387	144	9	1	1	0.00	11.18	0
CO19655	CO19679	19.85	1 1-	4ACSR	0	0	391	145	4	0	0	0.00	11.17	0
CO19787	CO19779	19.62	31 1-	4ACSR	0	0	402	147	114	17	12	0.01	11.14	0
OC589	CO19787	19.62	31 1-	15 H OCR	0	0	402	147	114	17	113	0.00	11.14	0
CO19788	OC589	19.71	31 1-	4ACSR	0	0	397	146	114	17	12	0.07	11.20	14
CO19756	CO19788	19.72	31 1-	4ACSR	0	0	397	146	114	17	12	0.01	11.21	0
CO19755	CO19756	19.80	31 1-	4ACSR	0	0	393	145	114	17	12	0.06	11.27	11
CO19754	CO19755	19.86	30 1-	4ACSR	0	0	390	145	110	16	12	0.05	11.32	8
CO1585010896	CO19754	20.10	1 1-	2ACSR	0	0	381	143	0	0	0	0.00	11.32	0
CO-1934599806	CO19754	19.97	2 1-	2ACSR	0	0	386	144	5	0	0	0.00	11.32	0
CO19752	CO19754	19.99	25 1-	4ACSR	0	0	384	144	93	13	10	0.08	11.39	12
CO19753	CO19752	20.03	23 1-	4ACSR	0	0	382	143	84	12	9	0.02	11.42	3
CO19751	CO19753	20.07	22 1-	4ACSR	0	0	380	143	76	11	8	0.02	11.44	3
CO19632	CO19751	20.22	13 1-	4ACSR	0	0	373	142	48	7	5	0.05	11.49	4
CO19759	CO19632	20.34	5 1-	4ACSR	0	0	368	141	15	2	2	0.01	11.50	0
CO19760	CO19759	20.49	5 1-	4ACSR	0	0	362	140	15	2	2	0.01	11.51	0
CO19761	CO19760	20.60	1 1-	4ACSR	0	0	357	139	0	0	0	0.00	11.51	0
CO19672	CO19632	20.38	8 1-	4ACSR	0	0	366	140	34	5	4	0.04	11.53	0
CO19673	CO19672	20.51	8 1-	4ACSR	0	0	361	139	34	5	4	0.03	11.55	0
CO19674	CO19673	20.56	7 1-	4ACSR	0	0	358	139	27	4	3	0.01	11.56	0
CO19675	CO19674	20.64	5 1-	4ACSR	0	0	355	138	20	2	2	0.01	11.57	0
CO19676	CO19675	20.72	4 1-	4ACSR	0	0	352	138	15	2	2	0.01	11.58	0
CO19677	CO19676	20.87	3 1-	4ACSR	0	0	346	137	12	1	1	0.01	11.59	0
CO122624752	CO19677	21.29	1 1-	2ACSR	0	0	333	135	5	0	0	0.01	11.59	0
CO19637	CO19751	20.11	8 1-	4ACSR	0	0	378	143	25	3	3	0.01	11.45	0
CO19696	CO19637	20.20	7 1-	4ACSR	0	0	374	142	22	3	2	0.01	11.46	0
CO19697	CO19696	20.28	6 1-	4ACSR	0	0	371	141	19	2	2	0.01	11.47	0
CO19698	CO19697	20.35	5 1-	4ACSR	0	0	368	141	11	1	1	0.00	11.47	0
CO19671	CO19698	20.41	1 1-	2ACSR	0	0	366	140	0	0	0	0.00	11.47	0
CO19699	CO19698	20.37	3 1-	4ACSR	0	0	367	141	4	0	0	0.00	11.47	0
CO19700	CO19699	20.54	3 1-	4ACSR	0	0	360	139	4	0	0	0.00	11.47	0
CO19701	CO19700	20.61	1 1-	4ACSR	0	0	357	139	2	0	0	0.00	11.48	0
CO19653	CO19637	20.26	1 1-	4ACSR	0	0	372	141	4	0	0	0.00	11.45	0
CO19769	CO19633	19.42	7 1-	4ACSR	0	0	412	148	30	4	3	0.01	10.85	0
CO19770	CO19769	19.46	5 1-	4ACSR	0	0	410	148	21	3	2	0.00	10.86	0
CO19768	CO19770	19.50	3 1-	4ACSR	0	0	408	148	13	2	1	0.00	10.86	0
CO19757	CO19680	19.37	24 1-	4ACSR	0	0	415	149	79	11	8	0.03	10.78	4
CO19758	CO19757	19.45	24 1-	4ACSR	0	0	410	148	79	11	8	0.04	10.83	6
CO19635	CO19758	19.52	22 1-	4ACSR	0	0	407	147	78	11	8	0.04	10.87	5
CO19634	CO19635	19.66	20 1-	4ACSR	0	0	400	146	68	10	7	0.06	10.93	8

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19797	CO19634	19.67	18 1-	4ACSR	0	0	399	146	59	8	6	0.00	10.93	0
OC594	CO19797	19.67	18 1-	15 H OCR	0	0	399	146	59	8	59	0.00	10.93	0
CO19798	OC594	19.75	18 1-	4ACSR	0	0	395	146	59	8	6	0.03	10.97	3
CO19771	CO19798	19.79	1 1-	4ACSR	0	0	393	145	8	1	1	0.00	10.97	0
CO19772	CO19771	19.84	0 1-	4ACSR	0	0	391	145	0	0	0	0.00	10.97	0
CO19694	CO19798	19.89	17 1-	4ACSR	0	0	389	144	50	7	5	0.05	11.01	4
CO-371434444	CO19694	19.93	1 1-	2ACSR	0	0	387	144	1	0	0	0.00	11.01	0
CO2067728736	CO-371434444	19.98	1 1-	2ACSR	0	0	385	144	1	0	0	0.00	11.01	0
CO19695	CO19694	19.91	15 1-	4ACSR	0	0	388	144	46	6	5	0.01	11.02	0
CO19693	CO19695	19.93	15 1-	4ACSR	0	0	387	144	46	6	5	0.01	11.03	0
CO19692	CO19693	19.99	14 1-	4ACSR	0	0	384	144	46	6	5	0.02	11.04	0
CO19691	CO19692	20.04	13 1-	4ACSR	0	0	382	143	32	4	3	0.01	11.05	0
CO19690	CO19691	20.47	12 1-	4ACSR	0	0	362	140	28	4	3	0.07	11.12	3
CO19689	CO19690	20.53	11 1-	4ACSR	0	0	360	139	19	2	2	0.01	11.13	0
CO19688	CO19689	20.65	10 1-	4ACSR	0	0	355	138	17	2	2	0.01	11.14	0
CO19687	CO19688	20.66	8 1-	4ACSR	0	0	354	138	10	1	1	0.00	11.14	0
CO19686	CO19687	20.67	8 1-	4ACSR	0	0	354	138	10	1	1	0.00	11.14	0
CO19685	CO19686	20.80	7 1-	4ACSR	0	0	349	137	10	1	1	0.01	11.15	0
CO19636	CO19685	20.92	5 1-	4ACSR	0	0	344	136	7	0	1	0.01	11.15	0
CO19729	CO19636	21.03	3 1-	4ACSR	0	0	340	136	2	0	0	0.00	11.15	0
CO19730	CO19729	21.14	1 1-	4ACSR	0	0	335	135	0	0	0	0.00	11.15	0
CO19652	CO19636	20.96	1 1-	4ACSR	0	0	342	136	5	0	1	0.00	11.15	0
CO19651	CO19685	20.91	0 1-	4ACSR	0	0	344	136	0	0	0	0.00	11.15	0
CO19725	CO19634	19.72	1 1-	4ACSR	0	0	397	146	6	0	1	0.00	10.93	0
CO19726	CO19725	19.79	1 1-	4ACSR	0	0	393	145	6	0	1	0.00	10.94	0
CO19727	CO19726	19.81	1 1-	4ACSR	0	0	392	145	6	0	1	0.00	10.94	0
CO19670	CO19727	19.86	0 1-	2ACSR	0	0	391	145	0	0	0	0.00	10.94	0
CO19728	CO19727	19.85	1 1-	4ACSR	0	0	391	145	6	0	1	0.00	10.94	0
CO19650	CO19635	19.67	2 1-	4ACSR	0	0	399	146	10	1	1	0.01	10.87	0
CO19649	CO19635	19.58	0 1-	4ACSR	0	0	403	147	0	0	0	0.00	10.87	0
CO19723	CO19758	19.62	1 1-	4ACSR	0	0	402	147	0	0	0	0.00	10.83	0
CO19724	CO19723	19.66	1 1-	4ACSR	0	0	400	146	0	0	0	0.00	10.83	0
CO19783	CO19799	19.18	4 1-	4ACSR	0	0	424	150	27	4	3	0.01	10.25	0
CO19800	CO19783	19.30	1 1-	4ACSR	0	0	418	149	12	1	1	0.00	10.25	0
CO19784	CO19783	19.23	2 1-	4ACSR	0	0	422	150	3	0	0	0.00	10.25	0
CO19782	CO19784	19.29	1 1-	4ACSR	0	0	418	149	3	0	0	0.00	10.25	0
CO19749	CO19638	18.64	4 1-	4ACSR	0	0	451	155	22	3	2	0.01	9.19	0
CO19668	CO19749	18.71	1 1-	4ACSR	0	0	448	154	11	1	1	0.00	9.20	0
CO19750	CO19749	18.68	3 1-	4ACSR	0	0	450	154	11	1	1	0.00	9.20	0
CO19748	CO19750	18.74	2 1-	4ACSR	0	0	446	154	7	1	1	0.00	9.20	0
CO19398+	CO19440	18.07	2 1-	4ACSR	0	0	469	236	13	0	1	0.00	7.68	0
CO19293+	CO19398	18.10	1 1-	2ACSR	0	0	468	236	5	0	0	0.00	7.68	0
CO19399+	CO19398	18.09	1 1-	4ACSR	0	0	469	236	8	0	0	0.00	7.68	0
CO19354+	CO19419	17.90	8 1-	4ACSR	0	0	475	238	51	3	3	0.00	7.66	0
CO19355+	CO19354	17.96	7 1-	4ACSR	0	0	473	237	43	3	2	0.00	7.67	0
CO19289+	CO19355	18.12	3 1-	4ACSR	0	0	467	235	20	1	1	0.00	7.67	0
CO19396+	CO19355	18.05	1 1-	4ACSR	0	0	469	236	11	0	1	0.00	7.67	0
CO19397+	CO19396	18.17	0 1-	4ACSR	0	0	465	235	0	0	0	0.00	7.67	0
CO19257+	CO19330	17.72	99 1-	4ACSR	0	0	479	239	431	31	22	0.04	7.67	32
CO19449+	CO19257	17.73	99 1-	4ACSR	0	0	479	239	431	31	22	0.00	7.67	3
OC584+	CO19449	17.73	99 1-	50 E OCR	0	0	479	239	431	31	63	0.00	7.67	0
CO19450+	OC584	17.79	99 1-	4ACSR	0	0	477	238	431	31	22	0.04	7.71	32

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19280+	CO19450	17.85	0 1-	4ACSR	0	0	475	237	0	0	0	0.00	7.71	0
CO19331+	CO19450	17.94	98 1-	4ACSR	0	0	471	236	424	30	22	0.10	7.82	72
CO19332+	CO19331	17.97	96 1-	4ACSR	0	0	470	236	420	30	22	0.03	7.84	18
CO19279+	CO19332	18.00	1 1-	4ACSR	0	0	469	236	2	0	0	0.00	7.84	0
CO19250+	CO19332	18.03	94 1-	4ACSR	0	0	468	235	401	29	21	0.04	7.88	25
CO19385+	CO19250	18.12	1 1-	4ACSR	0	0	464	234	11	0	1	0.00	7.88	0
CO19386+	CO19385	18.16	1 1-	4ACSR	0	0	463	234	11	0	1	0.00	7.88	0
CO19333+	CO19250	18.13	93 1-	4ACSR	0	0	464	234	389	28	20	0.06	7.94	42
CO19334+	CO19333	18.21	91 1-	4ACSR	0	0	461	233	380	27	20	0.05	7.99	32
CO19335+	CO19334	18.39	91 1-	4ACSR	0	0	454	231	380	27	20	0.12	8.11	74
CO19407+	CO19335	18.48	7 1-	4ACSR	0	0	451	230	35	2	2	0.00	8.11	0
CO19408+	CO19407	18.52	5 1-	4ACSR	0	0	450	230	28	2	1	0.00	8.12	0
CO19406+	CO19408	18.58	4 1-	4ACSR	0	0	448	229	23	1	1	0.00	8.12	0
CO19405+	CO19406	18.61	3 1-	4ACSR	0	0	447	229	19	1	1	0.00	8.12	0
CO19404+	CO19405	18.94	2 1-	4ACSR	0	0	435	226	19	1	1	0.01	8.13	0
CO19323+	CO19404	19.12	1 1-	4ACSR	0	0	429	224	7	0	0	0.00	8.13	0
CO19324+	CO19323	19.19	1 1-	4ACSR	0	0	427	223	7	0	0	0.00	8.13	0
CO19325+	CO19324	19.28	1 1-	4ACSR	0	0	424	222	7	0	0	0.00	8.13	0
CO19326+	CO19325	19.48	1 1-	4ACSR	0	0	418	220	7	0	0	0.00	8.13	0
CO19327+	CO19326	19.57	1 1-	4ACSR	0	0	415	219	7	0	0	0.00	8.13	0
CO19420+	CO19335	18.56	82 1-	4ACSR	0	0	448	230	340	24	18	0.10	8.21	57
CO19421+	CO19420	18.66	81 1-	4ACSR	0	0	445	228	339	24	18	0.06	8.26	32
CO19251+	CO19421	18.88	74 1-	4ACSR	0	0	437	226	307	22	16	0.11	8.38	60
CO19436+	CO19251	18.94	73 1-	4ACSR	0	0	435	226	305	22	16	0.03	8.41	16
CO19295+	CO19436	19.00	1 1-	2ACSR	0	0	434	225	2	0	0	0.00	8.41	0
CO19437+	CO19436	19.01	72 1-	4ACSR	0	0	433	225	303	22	16	0.03	8.44	17
CO19438+	CO19437	19.11	71 1-	4ACSR	0	0	430	224	296	21	15	0.05	8.49	24
CO19252+	CO19438	19.22	61 1-	4ACSR	0	0	426	223	248	18	13	0.05	8.54	20
CO19253+	CO19252	19.29	60 1-	4ACSR	0	0	424	222	248	18	13	0.03	8.57	12
CO19392+	CO19253	19.39	1 1-	4ACSR	0	0	421	221	2	0	0	0.00	8.57	0
CO19393+	CO19392	19.40	0 1-	4ACSR	0	0	421	221	0	0	0	0.00	8.57	0
CO19254+	CO19253	19.38	59 1-	4ACSR	0	0	421	221	246	18	13	0.04	8.61	16
CO19342+	CO19254	19.40	52 1-	4ACSR	0	0	420	221	226	16	12	0.01	8.61	3
CO1320575959+	CO19342	19.42	51 1-	2ACSR	0	0	420	221	218	15	9	0.00	8.62	0
CO1850952718+	CO1320575959	19.45	50 1-	2ACSR	0	0	419	221	208	15	8	0.01	8.63	3
CO19344+	CO1850952718	19.47	50 1-	4ACSR	0	0	419	221	208	15	11	0.01	8.63	2
CO19345+	CO19344	19.49	49 1-	4ACSR	0	0	418	220	200	14	10	0.01	8.64	3
CO19255+	CO19345	19.53	48 1-	4ACSR	0	0	417	220	199	14	10	0.01	8.65	4
CO19256+	CO19255	19.57	46 1-	4ACSR	0	0	415	220	182	13	10	0.01	8.67	4
CO19447+	CO19256	19.58	45 1-	4ACSR	0	0	415	219	179	13	9	0.00	8.67	0
OC580+	CO19447	19.58	45 1-	10 N FUSE	0	0	415	219	179	13	131	0.00	8.67	0
CO19448+	OC580	19.62	45 1-	4ACSR	0	0	414	219	179	13	9	0.01	8.68	4
CO19346+	CO19448	19.66	44 1-	4ACSR	0	0	413	219	174	12	9	0.01	8.69	3
CO19347+	CO19346	19.76	41 1-	4ACSR	0	0	410	218	155	11	8	0.03	8.72	7
CO19348+	CO19347	19.87	40 1-	4ACSR	0	0	407	217	148	10	8	0.03	8.74	7
CO23764+	CO19348	20.10	39 1-	4ACSR	0	0	400	215	146	10	8	0.06	8.80	14
CO19145+	CO23764	20.22	39 1-	4ACSR	0	0	396	213	146	10	8	0.03	8.83	7
CO19146+	CO19145	20.26	37 1-	4ACSR	0	0	395	213	139	10	7	0.01	8.84	2
CO19132+	CO19146	20.29	36 1-	4ACSR	0	0	394	213	136	9	7	0.01	8.85	0
CO-1835340489+	CO19132	20.32	1 1-	2ACSR	0	0	394	213	6	0	0	0.00	8.85	0
CO19054+	CO19132	20.35	2 1-	4ACSR	0	0	393	212	5	0	0	0.00	8.85	0
CO19133+	CO19132	20.38	16 1-	4ACSR	0	0	392	212	67	4	4	0.01	8.86	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19134+	CO19133	20.42	15 1-	4ACSR	0	0	391	212	65	4	3	0.00	8.86	0
CO19089+	CO19134	20.52	2 1-	4ACSR	0	0	388	211	17	1	1	0.00	8.86	0
CO19098+	CO19089	20.75	2 1-	4ACSR	0	0	382	209	17	1	1	0.01	8.87	0
CO19149+	CO19098	20.86	2 1-	4ACSR	0	0	379	208	17	1	1	0.00	8.87	0
CO19150+	CO19149	20.91	1 1-	4ACSR	0	0	378	207	8	0	0	0.00	8.87	0
CO19057+	CO19134	20.53	13 1-	4ACSR	0	0	388	211	48	3	3	0.01	8.87	0
CO19058+	CO19057	20.57	13 1-	4ACSR	0	0	387	210	48	3	3	0.00	8.87	0
CO19130+	CO19058	20.70	11 1-	4ACSR	0	0	383	209	43	3	2	0.01	8.88	0
CO19131+	CO19130	20.75	10 1-	4ACSR	0	0	382	209	41	2	2	0.00	8.88	0
CO23765+	CO19131	20.80	9 1-	4ACSR	0	0	380	208	40	2	2	0.00	8.89	0
CO19353+	CO23765	20.86	9 1-	4ACSR	0	0	379	208	40	2	2	0.00	8.89	0
CO19352+	CO19353	20.93	8 1-	4ACSR	0	0	377	207	39	2	2	0.00	8.90	0
CO19351+	CO19352	21.04	6 1-	4ACSR	0	0	374	206	30	2	2	0.00	8.90	0
CO19350+	CO19351	21.13	5 1-	4ACSR	0	0	372	205	21	1	1	0.00	8.90	0
CO19349+	CO19350	21.18	5 1-	4ACSR	0	0	371	205	21	1	1	0.00	8.91	0
CO19423+	CO19349	21.23	3 1-	4ACSR	0	0	370	205	14	1	1	0.00	8.91	0
CO19424+	CO19423	21.26	3 1-	4ACSR	0	0	369	204	14	1	1	0.00	8.91	0
CO19422+	CO19424	21.30	2 1-	4ACSR	0	0	368	204	10	0	1	0.00	8.91	0
CO19394+	CO19422	21.35	1 1-	4ACSR	0	0	366	204	7	0	0	0.00	8.91	0
CO19395+	CO19394	21.43	1 1-	4ACSR	0	0	365	203	7	0	0	0.00	8.91	0
CO19287+	CO19422	21.48	1 1-	4ACSR	0	0	363	203	3	0	0	0.00	8.91	0
CO19288+	CO19349	21.28	1 1-	4ACSR	0	0	368	204	4	0	0	0.00	8.91	0
CO19147+	CO19132	20.34	15 1-	4ACSR	0	0	393	212	53	3	3	0.00	8.85	0
CO19148+	CO19147	20.39	15 1-	4ACSR	0	0	391	212	53	3	3	0.00	8.85	0
CO19059+	CO19148	20.49	15 1-	4ACSR	0	0	389	211	53	3	3	0.01	8.86	0
CO19041+	CO19059	20.60	3 1-	4ACSR	0	0	386	210	8	0	0	0.00	8.86	0
CO19062+	CO19041	20.66	2 1-	4ACSR	0	0	384	210	6	0	0	0.00	8.87	0
CO19063+	CO19062	20.83	2 1-	4ACSR	0	0	380	208	6	0	0	0.00	8.87	0
CO19064+	CO19063	20.98	2 1-	4ACSR	0	0	376	207	6	0	0	0.00	8.87	0
CO19155+	CO19064	21.12	2 1-	4ACSR	0	0	372	206	6	0	0	0.00	8.87	0
CO19156+	CO19155	21.34	2 1-	4ACSR	0	0	367	204	6	0	0	0.00	8.87	0
CO19065+	CO19156	21.42	1 1-	4ACSR	0	0	365	203	3	0	0	0.00	8.87	0
CO19051+	CO19041	20.70	0 1-	4ACSR	0	0	383	209	0	0	0	0.00	8.86	0
CO19060+	CO19059	20.60	12 1-	4ACSR	0	0	386	210	45	3	2	0.01	8.87	0
CO19135+	CO19060	20.65	12 1-	4ACSR	0	0	385	210	45	3	2	0.00	8.88	0
CO19136+	CO19135	20.70	11 1-	4ACSR	0	0	383	209	43	3	2	0.00	8.88	0
CO19137+	CO19136	20.78	11 1-	4ACSR	0	0	381	208	43	3	2	0.01	8.88	0
CO19138+	CO19137	20.89	10 1-	4ACSR	0	0	378	208	40	2	2	0.01	8.89	0
CO19100+	CO19138	21.17	8 1-	4ACSR	0	0	371	205	35	2	2	0.02	8.91	0
CO19053+	CO19100	21.27	1 1-	4ACSR	0	0	369	204	4	0	0	0.00	8.91	0
CO19052+	CO19100	21.25	3 1-	4ACSR	0	0	369	205	14	1	1	0.00	8.91	0
CO19142+	CO19100	21.24	3 1-	4ACSR	0	0	369	205	11	0	1	0.00	8.91	0
CO19143+	CO19142	21.30	2 1-	4ACSR	0	0	368	204	8	0	0	0.00	8.91	0
CO19141+	CO19143	21.51	1 1-	4ACSR	0	0	363	202	0	0	0	0.00	8.91	0
CO19061+	CO19141	21.61	1 1-	4ACSR	0	0	360	202	0	0	0	0.00	8.91	0
CO19139+	CO19100	21.22	1 1-	4ACSR	0	0	370	205	6	0	0	0.00	8.91	0
CO19140+	CO19139	21.29	0 1-	4ACSR	0	0	368	204	0	0	0	0.00	8.91	0
CO19082+	CO19140	21.34	0 1-	4ACSR	0	0	367	204	0	0	0	0.00	8.91	0
CO19083+	CO19138	20.93	2 1-	2ACSR	0	0	377	207	5	0	0	0.00	8.89	0
CO19084+	CO19083	20.99	2 1-	2ACSR	0	0	376	207	5	0	0	0.00	8.89	0
CO19085+	CO19084	21.19	2 1-	2ACSR	0	0	372	206	5	0	0	0.00	8.89	0
CO19086+	CO19085	21.26	2 1-	2ACSR	0	0	371	205	5	0	0	0.00	8.89	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19294+	CO19348	19.96	1 1-	2ACSR	0	0	404	216	2	0	0	0.00	8.74	0
CO19286+	CO19256	19.66	0 1-	4ACSR	0	0	413	219	0	0	0	0.00	8.67	0
CO19298+	CO19255	19.56	1 1-	2ACSR	0	0	416	220	8	0	0	0.00	8.65	0
CO19285+	CO19255	19.62	1 1-	4ACSR	0	0	414	219	9	0	0	0.00	8.65	0
CO19284+	CO19345	19.60	1 1-	4ACSR	0	0	415	219	0	0	0	0.00	8.64	0
CO-42180548+	CO1320575959	19.46	1 1-	2ACSR	0	0	419	221	9	0	0	0.00	8.62	0
CO19431+	CO19254	19.42	7 1-	4ACSR	0	0	420	221	20	1	1	0.00	8.61	0
CO19432+	CO19431	19.49	7 1-	4ACSR	0	0	418	220	20	1	1	0.00	8.61	0
CO19433+	CO19432	19.53	4 1-	4ACSR	0	0	416	220	9	0	0	0.00	8.61	0
CO19434+	CO19433	19.59	4 1-	4ACSR	0	0	415	219	9	0	0	0.00	8.61	0
CO19435+	CO19434	19.74	2 1-	4ACSR	0	0	410	218	7	0	0	0.00	8.61	0
CO19283+	CO19252	19.30	0 1-	4ACSR	0	0	424	222	0	0	0	0.00	8.54	0
CO19336+	CO19438	19.15	10 1-	4ACSR	0	0	428	223	48	3	3	0.00	8.49	0
CO19337+	CO19336	19.46	8 1-	4ACSR	0	0	419	221	43	3	2	0.02	8.52	0
CO19338+	CO19337	19.50	7 1-	4ACSR	0	0	417	220	40	2	2	0.00	8.52	0
CO19339+	CO19338	19.54	7 1-	4ACSR	0	0	416	220	40	2	2	0.00	8.52	0
CO19340+	CO19339	19.60	6 1-	4ACSR	0	0	414	219	31	2	2	0.00	8.52	0
CO19341+	CO19340	19.67	6 1-	4ACSR	0	0	412	218	31	2	2	0.00	8.53	0
CO19056+	CO19341	19.77	5 1-	4ACSR	0	0	409	218	31	2	2	0.00	8.53	0
CO19128+	CO19056	19.83	3 1-	4ACSR	0	0	407	217	22	1	1	0.00	8.53	0
CO19129+	CO19128	19.88	2 1-	4ACSR	0	0	406	216	17	1	1	0.00	8.54	0
CO19050+	CO19129	19.92	1 1-	4ACSR	0	0	405	216	13	0	1	0.00	8.54	0
CO19126+	CO19129	19.94	1 1-	4ACSR	0	0	404	216	4	0	0	0.00	8.54	0
CO19127+	CO19126	20.00	0 1-	4ACSR	0	0	402	215	0	0	0	0.00	8.54	0
CO19081+	CO19127	20.10	0 1-	4ACSR	0	0	399	214	0	0	0	0.00	8.54	0
CO19299+	CO19437	19.14	1 1-	2ACSR	0	0	430	224	7	0	0	0.00	8.44	0
CO19400+	CO19251	18.95	1 1-	4ACSR	0	0	435	225	2	0	0	0.00	8.38	0
CO19401+	CO19400	19.00	1 1-	4ACSR	0	0	433	225	2	0	0	0.00	8.38	0
CO19387+	CO19421	18.76	5 1-	4ACSR	0	0	442	227	16	1	1	0.00	8.27	0
CO19282+	CO19387	18.84	1 1-	4ACSR	0	0	439	227	7	0	0	0.00	8.27	0
CO19388+	CO19387	18.85	1 1-	4ACSR	0	0	438	227	5	0	0	0.00	8.27	0
CO19389+	CO19388	18.93	1 1-	4ACSR	0	0	436	226	5	0	0	0.00	8.27	0
CO19390+	CO19421	18.72	2 1-	4ACSR	0	0	443	228	16	1	1	0.00	8.27	0
CO19391+	CO19390	18.81	1 1-	4ACSR	0	0	440	227	11	0	1	0.00	8.27	0
CO19281+	CO19335	18.58	2 1-	4ACSR	0	0	448	229	6	0	0	0.00	8.11	0
CO19382+	CO19450	17.87	1 1-	4ACSR	0	0	474	237	7	0	0	0.00	7.71	0
CO19383+	CO19382	17.91	1 1-	4ACSR	0	0	472	237	7	0	0	0.00	7.72	0
CO19384+	CO19383	17.96	1 1-	4ACSR	0	0	470	236	7	0	0	0.00	7.72	0
CO19272+	CO19312	16.71	1 1-	4ACSR	0	0	508	245	3	0	0	0.00	7.32	0
CO19402+	CO19313	16.61	3 1-	2ACSR	0	0	511	246	11	0	0	0.00	7.30	0
CO19403+	CO19402	16.63	3 1-	2ACSR	0	0	511	246	11	0	0	0.00	7.30	0
CO19292+	CO19403	16.75	2 1-	2ACSR	0	0	507	245	8	0	0	0.00	7.30	0
CO-1675130950+	CO19292	16.81	1 1-	2ACSR	0	0	504	244	3	0	0	0.00	7.30	0
CO19270+	CO19414	16.13	2 1-	4ACSR	0	0	526	249	4	0	0	0.00	7.15	0
CO19267+	CO19242	14.93	2 1-	1/0ACSR	0	0	568	257	4	0	0	0.00	6.75	0
CO19264+	CO19239	14.34	1 1-	4ACSR	0	0	589	261	10	0	1	0.00	6.53	0
CO19441+	CO19444	14.11	8 1-	4ACSR	0	0	600	263	23	1	1	0.00	6.49	0
OC578+	CO19441	14.11	8 1-	10 N FUSE	0	0	600	263	23	1	17	0.00	6.49	0
CO19442+	OC578	14.44	8 1-	4ACSR	0	0	581	259	23	1	1	0.01	6.50	0
CO19241+	CO19442	14.51	5 1-	4ACSR	0	0	577	258	14	1	1	0.00	6.50	0
CO19365+	CO19241	14.67	4 1-	4ACSR	0	0	568	256	9	0	0	0.00	6.50	0
CO19366+	CO19365	14.70	4 1-	4ACSR	0	0	567	255	9	0	0	0.00	6.50	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23763+	CO19366	14.76	1 1-	4ACSR	0	0	563	254	3	0	0	0.00	6.50	0
CO19261+	CO19366	14.76	1 1-	4ACSR	0	0	563	254	1	0	0	0.00	6.50	0
CO19262+	CO19241	14.57	0 1-	4ACSR	0	0	574	257	0	0	0	0.00	6.50	0
CO19263+	CO19442	14.51	0 1-	4ACSR	0	0	577	258	0	0	0	0.00	6.50	0
CO19363+	CO19410	13.93	1 1-	4ACSR	0	0	606	264	13	0	1	0.00	6.39	0
CO19364+	CO19363	13.97	1 1-	4ACSR	0	0	603	263	13	0	1	0.00	6.39	0
CO19260+	CO19301	13.89	1 1-	4ACSR	0	0	607	264	2	0	0	0.00	6.37	0
CO19259+	CO23762	13.75	1 1-	4ACSR	0	0	614	265	2	0	0	0.00	6.33	0
CO23760+	CO23735	13.42	2 1-	4ACSR	0	0	628	267	1	0	0	0.00	6.19	0
CO19101+	CO23760	13.49	2 1-	4ACSR	0	0	623	266	1	0	0	0.00	6.19	0
CO19102+	CO19101	13.53	1 1-	4ACSR	0	0	621	266	1	0	0	0.00	6.19	0
CO19087+	CO19101	13.58	1 1-	2ACSR	0	0	619	266	0	0	0	0.00	6.19	0
CO19088+	CO19087	13.64	1 1-	2ACSR	0	0	615	265	0	0	0	0.00	6.19	0
CO19581+	CO19566	13.08	66 1-	4ACSR	0	0	644	270	211	15	11	0.03	6.08	12
CO19580+	CO19581	13.17	65 1-	4ACSR	0	0	637	269	199	14	10	0.03	6.11	11
CO19582+	CO19580	13.33	61 1-	4ACSR	0	0	627	267	195	14	10	0.05	6.16	16
CO19623+	CO19582	13.33	61 1-	4ACSR	0	0	627	266	195	14	10	0.00	6.16	0
OC586+	CO19623	13.33	61 1-	35 H OCR	0	0	627	266	195	14	40	0.00	6.16	0
XFMR45	OC586	13.33	61 1-	333 KVA 1PH AUT	0	0	678	165	195	14	61	0.63	6.79	0
CO23803	XFMR45	13.45	61 1-	4ACSR	0	0	664	163	195	28	20	0.15	6.94	50
CO19226	CO23803	13.52	60 1-	4ACSR	0	0	655	163	193	27	20	0.09	7.03	29
CO19169	CO19226	13.60	60 1-	4ACSR	0	0	646	162	193	27	20	0.10	7.13	32
CO19161	CO19169	13.66	0 1-	4ACSR	0	0	638	161	0	0	0	0.00	7.13	0
CO19170	CO19169	13.68	60 1-	4ACSR	0	0	636	161	193	27	20	0.11	7.24	36
CO19171	CO19170	13.87	60 1-	4ACSR	0	0	613	159	192	27	20	0.24	7.48	79
CO23802	CO19171	14.16	60 1-	4ACSR	0	0	582	157	192	27	20	0.37	7.84	118
CO19090	CO23802	14.17	60 1-	4ACSR	0	0	581	157	192	27	20	0.01	7.85	4
CO23801	CO19090	14.43	2 1-	4ACSR	0	0	554	154	17	2	2	0.02	7.88	0
CO19199	CO23801	14.52	1 1-	4ACSR	0	0	546	153	11	1	1	0.01	7.89	0
CO19200	CO19199	14.77	1 1-	4ACSR	0	0	522	151	11	1	1	0.02	7.90	0
CO19201	CO19200	14.80	1 1-	4ACSR	0	0	520	151	11	1	1	0.00	7.91	0
CO19202	CO19201	14.82	0 1-	4ACSR	0	0	518	151	0	0	0	0.00	7.91	0
CO19103	CO19090	14.21	58 1-	4ACSR	0	0	577	156	174	25	18	0.05	7.91	15
CO19104	CO19103	14.40	58 1-	4ACSR	0	0	558	154	174	25	18	0.22	8.12	64
CO19091	CO19104	14.55	58 1-	4ACSR	0	0	542	153	174	25	18	0.18	8.31	54
CO19049	CO19091	14.60	0 1-	4ACSR	0	0	538	153	0	0	0	0.00	8.31	0
CO19105	CO19091	14.66	57 1-	4ACSR	0	0	532	152	174	25	18	0.13	8.43	38
CO19106	CO19105	14.70	56 1-	4ACSR	0	0	528	152	171	25	18	0.05	8.48	14
CO19092	CO19106	15.02	56 1-	4ACSR	0	0	500	149	171	25	18	0.37	8.85	107
CO23800	CO19092	15.21	56 1-	4ACSR	0	0	484	147	171	25	18	0.22	9.07	63
CO19233	CO23800	15.22	56 1-	4ACSR	0	0	483	147	170	25	18	0.01	9.08	4
CO19172	CO19233	15.35	56 1-	4ACSR	0	0	473	146	170	25	18	0.14	9.22	42
CO19173	CO19172	15.49	55 1-	4ACSR	0	0	463	145	165	24	17	0.16	9.38	44
CO19227	CO19173	15.59	54 1-	4ACSR	0	0	455	144	161	23	17	0.10	9.49	27
CO19228	CO19227	15.81	52 1-	4ACSR	0	0	440	142	144	21	15	0.22	9.70	54
CO23799	CO19228	15.99	1 1-	4ACSR	0	0	428	141	0	0	0	0.00	9.70	0
CO23798	CO19228	16.07	1 1-	4ACSR	0	0	423	140	0	0	0	0.00	9.70	0
CO19069	CO23798	16.15	0 1-	4ACSR	0	0	418	140	0	0	0	0.00	9.70	0
CO19236	CO19228	15.82	50 1-	4ACSR	0	0	439	142	144	21	15	0.01	9.71	0
OC576	CO19236	15.82	50 1-	15 H OCR	0	0	439	142	144	21	142	0.00	9.71	0
CO19237	OC576	15.85	50 1-	4ACSR	0	0	437	142	144	21	15	0.03	9.74	7
CO19177	CO19237	16.02	10 1-	4ACSR	0	0	426	141	18	2	2	0.02	9.76	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23797	CO19177	16.11	9 1-	4ACSR	0	0	420	140	13	1	1	0.01	9.76	0
CO19093	CO23797	16.15	9 1-	4ACSR	0	0	418	140	13	1	1	0.00	9.77	0
CO19094	CO19093	16.26	9 1-	4ACSR	0	0	411	139	13	1	1	0.01	9.78	0
CO19095	CO19094	16.30	9 1-	4ACSR	0	0	408	139	13	1	1	0.00	9.78	0
CO19124	CO19095	16.33	5 1-	4ACSR	0	0	407	138	10	1	1	0.00	9.78	0
CO19151	CO19124	16.37	4 1-	4ACSR	0	0	405	138	10	1	1	0.00	9.78	0
CO19152	CO19151	16.39	2 1-	4ACSR	0	0	403	138	0	0	0	0.00	9.78	0
CO19144	CO19152	16.41	2 1-	4ACSR	0	0	402	138	0	0	0	0.00	9.78	0
CO23791	CO19144	16.49	1 1-	4ACSR	0	0	397	137	0	0	0	0.00	9.78	0
CO19174	CO19237	15.86	40 1-	4ACSR	0	0	437	142	126	18	13	0.01	9.75	0
CO19175	CO19174	15.95	40 1-	4ACSR	0	0	431	141	126	18	13	0.07	9.82	15
CO19165	CO19175	15.97	1 1-	2ACSR	0	0	429	141	10	1	1	0.00	9.82	0
CO19176	CO19175	16.01	38 1-	4ACSR	0	0	426	141	106	15	11	0.05	9.87	8
CO19229	CO19176	16.06	36 1-	4ACSR	0	0	423	140	99	14	11	0.03	9.90	5
CO19230	CO19229	16.15	35 1-	4ACSR	0	0	418	140	87	12	9	0.05	9.95	8
CO19213	CO19230	16.35	35 1-	4ACSR	0	0	405	138	87	12	9	0.12	10.07	18
CO19214	CO19213	16.45	35 1-	4ACSR	0	0	400	138	87	12	9	0.06	10.13	8
CO19181	CO19214	16.48	35 1-	4ACSR	0	0	398	137	87	12	9	0.02	10.14	2
CO19182	CO19181	16.50	35 1-	4ACSR	0	0	397	137	87	12	9	0.01	10.15	0
CO19183	CO19182	16.54	34 1-	4ACSR	0	0	394	137	84	12	9	0.03	10.18	4
CO19208	CO19183	16.71	32 1-	4ACSR	0	0	385	136	84	12	9	0.09	10.27	13
CO23789	CO19208	16.78	31 1-	4ACSR	0	0	381	135	78	11	8	0.04	10.31	5
CO17589	CO23789	16.94	29 1-	4ACSR	0	0	373	134	75	11	8	0.08	10.39	10
CO17749	CO17589	17.00	1 1-	2ACSR	0	0	370	134	7	1	1	0.00	10.40	0
CO17750	CO17749	17.05	1 1-	2ACSR	0	0	369	133	7	1	1	0.00	10.40	0
CO17666	CO17589	17.05	27 1-	4ACSR	0	0	368	133	68	10	7	0.05	10.44	6
CO17667	CO17666	17.09	26 1-	4ACSR	0	0	366	133	66	9	7	0.02	10.46	0
CO17590	CO17667	17.23	24 1-	4ACSR	0	0	359	132	63	9	7	0.06	10.52	6
CO17591	CO17590	17.30	15 1-	4ACSR	0	0	355	132	43	6	5	0.02	10.54	0
CO17618	CO17591	17.38	0 1-	4ACSR	0	0	352	131	0	0	0	0.00	10.54	0
CO17634	CO17591	17.45	14 1-	4ACSR	0	0	348	131	43	6	5	0.04	10.58	3
CO17635	CO17634	17.57	14 1-	4ACSR	0	0	343	130	42	6	5	0.03	10.62	2
CO17636	CO17635	17.62	12 1-	4ACSR	0	0	341	129	40	6	4	0.01	10.63	0
CO17627	CO17636	17.70	0 1-	4ACSR	0	0	337	129	0	0	0	0.00	10.63	0
CO17645	CO17636	17.69	12 1-	4ACSR	0	0	338	129	40	6	4	0.02	10.65	0
CO17646	CO17645	17.75	11 1-	4ACSR	0	0	336	129	40	5	4	0.01	10.66	0
CO17647	CO17646	17.84	9 1-	4ACSR	0	0	332	128	37	5	4	0.02	10.69	0
CO17648	CO17647	17.96	9 1-	4ACSR	0	0	327	127	37	5	4	0.03	10.72	0
CO17638	CO17648	18.07	8 1-	4ACSR	0	0	322	127	31	4	3	0.02	10.74	0
CO17650	CO17638	18.11	8 1-	4ACSR	0	0	321	126	31	4	3	0.01	10.75	0
CO17651	CO17650	18.16	7 1-	4ACSR	0	0	319	126	29	4	3	0.01	10.76	0
CO17652	CO17651	18.27	6 1-	4ACSR	0	0	315	125	16	2	2	0.01	10.77	0
CO17653	CO17652	18.34	6 1-	4ACSR	0	0	312	125	16	2	2	0.01	10.78	0
CO17654	CO17653	18.38	6 1-	4ACSR	0	0	311	125	16	2	2	0.00	10.78	0
CO17639	CO17654	18.43	6 1-	4ACSR	0	0	309	124	16	2	2	0.01	10.79	0
CO17640	CO17639	18.46	3 1-	4ACSR	0	0	308	124	14	2	1	0.00	10.79	0
CO17644	CO17640	18.59	1 1-	4ACSR	0	0	303	123	6	0	1	0.01	10.80	0
CO17740	CO17644	18.81	1 1-	4ACSR	0	0	296	122	6	0	1	0.00	10.80	0
CO30650	CO17740	18.85	0 1-	4ACSR	0	0	295	122	0	0	0	0.00	10.80	0
SW528-B	CO30650	18.85	0 1-	Open	0	0	295	122	0	0	0	0.00	10.80	0
CO17643	CO17644	18.65	0 1-	2ACSR	0	0	302	123	0	0	0	0.00	10.80	0
CO17641	CO17640	18.52	2 1-	4ACSR	0	0	306	124	7	1	1	0.00	10.79	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17642	CO17641	18.57	1 1-	4ACSR	0	0	304	123	0	0	0	0.00	10.79	0
CO17617	CO17639	18.47	2 1-	4ACSR	0	0	307	124	1	0	0	0.00	10.79	0
CO17649	CO17648	18.05	1 1-	2ACSR	0	0	324	127	6	0	0	0.00	10.72	0
CO17637	CO17649	18.11	1 1-	2ACSR	0	0	322	127	6	0	0	0.00	10.72	0
CO17632	CO17590	17.31	4 1-	4ACSR	0	0	355	131	12	1	1	0.01	10.52	0
CO244081394	CO17632	17.34	1 1-	2ACSR	0	0	354	131	7	1	1	0.00	10.52	0
CO17633	CO17632	17.42	2 1-	4ACSR	0	0	350	131	5	0	1	0.00	10.52	0
CO17631	CO17633	17.50	1 1-	4ACSR	0	0	346	130	0	0	0	0.00	10.52	0
CO17630	CO17631	17.56	1 1-	4ACSR	0	0	344	130	0	0	0	0.00	10.52	0
CO17629	CO17630	17.61	0 1-	4ACSR	0	0	341	129	0	0	0	0.00	10.52	0
CO17668	CO17590	17.27	2 1-	4ACSR	0	0	357	132	1	0	0	0.00	10.52	0
CO17669	CO17668	17.34	0 1-	4ACSR	0	0	354	131	0	0	0	0.00	10.52	0
CO17619	CO17667	17.14	2 1-	4ACSR	0	0	363	133	3	0	0	0.00	10.46	0
CO17620	CO17589	17.02	1 1-	4ACSR	0	0	369	133	0	0	0	0.00	10.39	0
CO17664	CO23789	16.82	2 1-	4ACSR	0	0	379	135	3	0	0	0.00	10.31	0
CO17665	CO17664	16.86	1 1-	4ACSR	0	0	377	135	3	0	0	0.00	10.31	0
CO19221	CO19183	16.61	1 1-	4ACSR	0	0	391	136	0	0	0	0.00	10.18	0
CO19220	CO19221	16.66	0 1-	4ACSR	0	0	388	136	0	0	0	0.00	10.18	0
CO19162	CO19183	16.62	1 1-	4ACSR	0	0	390	136	0	0	0	0.00	10.18	0
CO19178	CO19176	16.10	0 1-	4ACSR	0	0	421	140	0	0	0	0.00	9.87	0
CO19179	CO19178	16.17	0 1-	4ACSR	0	0	416	140	0	0	0	0.00	9.87	0
CO19180	CO19179	16.36	0 1-	4ACSR	0	0	405	138	0	0	0	0.00	9.87	0
CO23790	CO19180	16.53	0 1-	4ACSR	0	0	395	137	0	0	0	0.00	9.87	0
CO17743	CO23790	16.59	0 1-	4ACSR	0	0	392	137	0	0	0	0.00	9.87	0
CO17744	CO17743	16.61	0 1-	4ACSR	0	0	391	136	0	0	0	0.00	9.87	0
CO23796	CO17744	16.69	0 1-	4ACSR	0	0	386	136	0	0	0	0.00	9.87	0
CO17544	CO23796	16.76	0 1-	4ACSR	0	0	382	135	0	0	0	0.00	9.87	0
CO17545	CO17544	16.80	0 1-	4ACSR	0	0	380	135	0	0	0	0.00	9.87	0
CO17616	CO17744	16.64	0 1-	4ACSR	0	0	389	136	0	0	0	0.00	9.87	0
CO19613+	CO19561	12.33	1 1-	4ACSR	0	0	682	276	7	0	0	0.00	5.69	0
CO19615+	CO19613	12.38	1 1-	4ACSR	0	0	679	275	7	0	0	0.00	5.69	0
CO19614+	CO19615	12.44	1 1-	4ACSR	0	0	674	275	7	0	0	0.00	5.69	0
CO19612+	CO19561	12.34	5 1-	4ACSR	0	0	682	276	27	1	1	0.00	5.69	0
CO19470+	CO19612	12.42	1 1-	4ACSR	0	0	676	275	10	0	1	0.00	5.70	0
CO19611+	CO19612	12.43	2 1-	4ACSR	0	0	675	275	11	0	1	0.00	5.70	0
CO19607+	CO19577	11.12	3 1-	4ACSR	0	0	753	286	11	0	1	0.00	5.07	0
CO19606+	CO19607	11.16	1 1-	4ACSR	0	0	749	285	5	0	0	0.00	5.07	0
CO19465+	CO19456	11.02	1 1-	4ACSR	0	0	759	287	8	0	0	0.00	5.01	0
CO19628+	CO19545	10.80	9 1-	4ACSR	0	0	775	289	30	2	2	0.00	4.92	0
OC588+	CO19628	10.80	9 1-	35 E OCR	0	0	775	289	30	2	6	0.00	4.92	0
CO19629+	OC588	10.87	9 1-	4ACSR	0	0	768	288	30	2	2	0.00	4.92	0
CO19551+	CO19629	11.21	7 1-	4ACSR	0	0	738	283	22	1	1	0.01	4.94	0
CO19554+	CO19551	11.41	7 1-	4ACSR	0	0	721	280	22	1	1	0.01	4.94	0
CO19556+	CO19554	11.49	6 1-	4ACSR	0	0	714	278	17	1	1	0.00	4.94	0
CO19555+	CO19556	11.66	5 1-	4ACSR	0	0	699	276	15	1	1	0.00	4.95	0
CO19552+	CO19555	11.69	5 1-	4ACSR	0	0	698	275	15	1	1	0.00	4.95	0
CO19553+	CO19552	11.76	5 1-	4ACSR	0	0	692	274	15	1	1	0.00	4.95	0
CO23726+	CO19553	11.97	5 1-	4ACSR	0	0	676	271	15	1	1	0.01	4.96	0
CO19812+	CO23726	12.04	5 1-	4ACSR	0	0	670	270	15	1	1	0.00	4.96	0
CO19813+	CO19812	12.14	5 1-	4ACSR	0	0	663	269	15	1	1	0.00	4.96	0
CO19811+	CO19813	12.22	5 1-	4ACSR	0	0	657	268	15	1	1	0.00	4.96	0
CO19814+	CO19811	12.41	5 1-	4ACSR	0	0	643	265	15	1	1	0.00	4.97	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19810+	CO19814	12.53	5 1-	4ACSR	0	0	635	263	15	1	1	0.00	4.97	0
CO19820+	CO19810	12.58	4 1-	2ACSR	0	0	632	263	15	1	1	0.00	4.97	0
CO825547245+	CO19820	12.63	2 1-	2ACSR	0	0	629	262	3	0	0	0.00	4.97	0
CO-222691239+	CO19820	12.67	2 1-	2ACSR	0	0	627	262	13	0	1	0.00	4.97	0
CO19815+	CO-222691239	12.70	2 1-	4ACSR	0	0	625	261	13	0	1	0.00	4.97	0
CO19819+	CO19815	12.75	2 1-	4ACSR	0	0	622	261	13	0	1	0.00	4.97	0
CO19849+	CO19819	12.80	1 1-	4ACSR	0	0	618	260	6	0	0	0.00	4.98	0
CO19850+	CO19849	12.83	1 1-	4ACSR	0	0	616	260	6	0	0	0.00	4.98	0
CO19851+	CO19819	12.86	0 1-	4ACSR	0	0	614	259	0	0	0	0.00	4.97	0
CO19818+	CO19819	12.86	1 1-	4ACSR	0	0	614	259	6	0	0	0.00	4.98	0
CO-30643437+	CO19818	12.94	1 1-	2ACSR	0	0	610	258	6	0	0	0.00	4.98	0
CO19805+	CO19810	12.61	1 1-	2ACSR	0	0	630	262	0	0	0	0.00	4.97	0
CO19605+	CO19629	10.94	1 1-	4ACSR	0	0	761	287	2	0	0	0.00	4.92	0
CO19604+	CO19605	11.04	1 1-	4ACSR	0	0	753	285	2	0	0	0.00	4.92	0
CO19603+	CO19549	10.36	2 1-	4ACSR	0	0	803	292	7	0	0	0.00	4.63	0
CO19602+	CO19603	10.42	1 1-	4ACSR	0	0	797	291	3	0	0	0.00	4.63	0
CO19548+	CO19549	10.27	0 3-	1/0ACSR	1032	964	812	294	0	-7	3	0.00	4.63	0
CA68+	CO19548	10.27	0 3-	Capacitor	1032	964	812	294	0	-7	0	0.00	4.63	0
CO19462+	CO19499	10.03	1 1-	4ACSR	0	0	828	295	4	0	0	0.00	4.48	0
CO19460+	CO19483	8.64	2 1-	4ACSR	0	0	949	308	5	0	0	0.00	3.76	0
CO19624+	CO19477	8.56	12 1-	4ACSR	0	0	959	309	35	2	2	0.00	3.73	0
OC585+	CO19624	8.56	12 1-	10 N FUSE	0	0	959	309	35	2	25	0.00	3.73	0
CO19625+	OC585	8.66	12 1-	4ACSR	0	0	945	307	35	2	2	0.01	3.74	0
CO19482+	CO19625	8.74	10 1-	4ACSR	0	0	935	306	25	1	1	0.00	3.74	0
CO19479+	CO19482	8.82	8 1-	4ACSR	0	0	925	305	24	1	1	0.00	3.74	0
CO19480+	CO19479	8.87	8 1-	4ACSR	0	0	918	304	24	1	1	0.00	3.75	0
CO19481+	CO19480	8.95	7 1-	4ACSR	0	0	908	302	19	1	1	0.00	3.75	0
CO23722+	CO19481	9.04	5 1-	4ACSR	0	0	896	301	13	0	1	0.00	3.75	0
CO23721+	CO23722	9.11	1 1-	2ACSR	0	0	890	300	0	0	0	0.00	3.75	0
CO19833+	CO23722	9.12	1 1-	4ACSR	0	0	888	299	0	0	0	0.00	3.75	0
CO19807+	CO23722	9.13	3 1-	4ACSR	0	0	886	299	12	0	1	0.00	3.75	0
CO19832+	CO19807	9.20	3 1-	4ACSR	0	0	878	298	12	0	1	0.00	3.75	0
CO19831+	CO19832	9.27	1 1-	4ACSR	0	0	869	297	5	0	0	0.00	3.75	0
CO19591+	CO19539	8.08	4 1-	4ACSR	0	0	1007	313	22	1	1	0.00	3.43	0
CO19458+	CO19591	8.17	2 1-	4ACSR	0	0	993	312	8	0	0	0.00	3.43	0
CO19590+	CO19591	8.09	1 1-	4ACSR	0	0	1004	313	6	0	0	0.00	3.43	0
CO23720+	CO19590	8.23	1 1-	4ACSR	0	0	985	310	6	0	0	0.00	3.43	0
CO19464+	CO19454	7.83	0 1-	1/0ACSR	0	0	1037	316	0	0	0	0.00	3.29	0
CO20495+	CO20449	7.29	1 1-	4ACSR	0	0	1086	318	18	1	1	0.00	3.02	0
CO20781+	CO20780	7.04	4 1-	4ACSR	0	0	1123	322	5	0	0	0.00	3.00	0
CO20782+	CO20781	7.10	3 1-	4ACSR	0	0	1113	321	3	0	0	0.00	3.00	0
CO20776+	CO20775	6.91	3 1-	4ACSR	0	0	1140	323	29	2	1	0.00	2.97	0
CO20777+	CO20776	6.93	1 1-	4ACSR	0	0	1136	323	7	0	0	0.00	2.97	0
CO20494+	CO20580	6.65	1 1-	4ACSR	0	0	1168	324	13	0	1	0.00	2.89	0
CO20584+	CO20464	6.27	185 3-	1/0ACSR	1452	1364	1220	328	1146	26	12	0.00	2.79	5
CO20583+	CO20584	6.59	185 3-	1/0ACSR	1406	1319	1172	324	1146	26	12	0.08	2.87	130
CO20783+	CO20583	6.70	185 3-	4ACSR	1387	1302	1152	322	1145	26	19	0.05	2.92	106
CO20784+	CO20783	6.73	183 3-	4ACSR	1382	1298	1147	322	1135	26	19	0.01	2.94	29
CO20450+	CO20784	6.77	29 3-	4ACSR	1374	1291	1139	321	455	10	8	0.01	2.95	7
CO20451+	CO20450	6.80	27 3-	4ACSR	1368	1285	1133	320	438	10	7	0.01	2.95	5
CO20668+	CO20451	6.84	1 3-	4ACSR	1361	1279	1126	319	224	5	4	0.00	2.96	0
CO20667+	CO20668	6.88	1 3-	4ACSR	1354	1273	1119	319	224	5	4	0.00	2.96	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20666+	CO20667	6.92	0 3-	4ACSR	1346	1266	1111	318	0	0	0	0.00	2.96	0
220439022+	CO20667	6.88	1 3-	Consumer	1354	1273	1119	319	224	5	0	0.00	2.96	0
CO20453+	CO20451	6.87	24 3-	4ACSR	1356	1275	1121	319	207	4	3	0.01	2.96	0
CO20454+	CO20453	6.92	18 3-	4ACSR	1347	1267	1112	318	117	2	2	0.00	2.96	0
CO20503+	CO20454	6.97	4 1-	4ACSR	0	0	1103	317	10	0	1	0.00	2.96	0
CO20455+	CO20454	7.01	13 3-	4ACSR	1330	1252	1096	316	104	2	2	0.00	2.97	0
CO20801+	CO20455	7.05	6 1-	4ACSR	0	0	1088	315	23	1	1	0.00	2.97	0
CO20802+	CO20801	7.08	5 1-	4ACSR	0	0	1083	315	23	1	1	0.00	2.97	0
CO20656+	CO20802	7.14	4 1-	4ACSR	0	0	1073	314	9	0	0	0.00	2.97	0
CO20799+	CO20455	7.04	3 3-	4ACSR	1325	1248	1091	316	61	1	1	0.00	2.97	0
CO20800+	CO20799	7.08	2 3-	4ACSR	1316	1240	1083	315	60	1	1	0.00	2.97	0
CO20655+	CO20455	7.04	2 1-	4ACSR	0	0	1090	315	9	0	0	0.00	2.97	0
CO20803+	CO20655	7.09	2 1-	4ACSR	0	0	1082	315	9	0	0	0.00	2.97	0
CO20804+	CO20803	7.19	2 1-	4ACSR	0	0	1064	313	9	0	0	0.00	2.97	0
CO20504+	CO20455	7.07	2 1-	4ACSR	0	0	1086	315	11	0	1	0.00	2.97	0
CO20797+	CO20453	6.89	4 1-	4ACSR	0	0	1116	318	75	5	4	0.00	2.96	0
CO20798+	CO20797	6.91	3 1-	4ACSR	0	0	1113	318	38	2	2	0.00	2.96	0
CO20493+	CO20450	6.80	2 1-	4ACSR	0	0	1134	320	16	1	1	0.00	2.95	0
CO20452+	CO20784	6.78	147 3-	4ACSR	1371	1288	1136	320	647	15	11	0.02	2.95	19
CO20793+	CO20452	6.79	145 3-	4ACSR	1369	1287	1134	320	636	14	11	0.00	2.96	3
CO20794+	CO20793	6.86	145 3-	4ACSR	1356	1275	1122	319	636	14	11	0.02	2.98	22
CO20596+	CO20794	6.92	144 3-	4ACSR	1347	1267	1112	318	631	14	11	0.01	2.99	16
CO-553761075+	CO20596	6.98	138 3-	336ACSR	1342	1262	1107	318	593	13	3	0.00	3.00	0
CO20608+	CO-553761075	6.99	1 2-	2ACSR	0	1259	1104	317	9	0	0	0.00	3.00	0
CO20795+	CO-553761075	7.00	137 3-	336ACSR	1339	1259	1104	317	584	13	3	0.00	3.00	0
CO20796+	CO20795	7.04	135 3-	336ACSR	1336	1256	1101	317	527	12	2	0.00	3.00	0
CO-214774617+	CO20796	7.06	0 1-	2ACSR	0	0	1098	317	0	0	0	0.00	3.00	0
CO20695+	CO20796	7.07	134 3-	336ACSR	1334	1254	1099	317	526	12	2	0.00	3.00	0
CO20694+	CO20695	7.13	133 3-	336ACSR	1328	1248	1093	317	523	12	2	0.00	3.00	0
CO1841850571+	CO20694	7.18	129 3-	2ACSR	1321	1241	1086	316	509	11	7	0.01	3.01	6
CO1764316096+	CO1841850571	7.22	129 3-	2ACSR	1316	1237	1080	316	509	11	7	0.01	3.01	5
OC1275142750+	CO1764316096	7.22	129 3-	15 N FUSE	1316	1237	1080	316	509	11	79	0.00	3.01	0
CO1208531917+	OC1275142750	7.37	129 3-	2ACSR	1293	1216	1058	314	509	11	7	0.02	3.04	20
CO935931541+	CO1208531917	7.49	129 3-	2ACSR	1276	1200	1042	312	509	11	7	0.02	3.06	15
CO-785237503+	CO935931541	7.71	129 3-	2ACSR	1244	1171	1012	309	509	11	7	0.04	3.09	29
SW3-A+	CO-785237503	7.71	129 3-	Closed	1244	1171	1012	309	509	11	0	0.00	3.09	0
SW3-B+	SW3-A	7.71	129 3-	Closed	1244	1171	1012	309	509	11	0	0.00	3.09	0
CO20593+	SW3-B	7.84	129 3-	4ACSR	1224	1153	993	307	509	11	8	0.03	3.12	25
OC-707599127+	CO20593	7.84	128 3-	15 N FUSE	1224	1153	993	307	503	11	78	0.00	3.12	0
CO20592+	OC-707599127	8.00	128 3-	4ACSR	1197	1129	968	304	503	11	8	0.04	3.16	33
CO20787+	CO20592	8.04	128 3-	4ACSR	1191	1124	963	303	503	11	8	0.01	3.17	7
CO20788+	CO20787	8.09	125 3-	4ACSR	1183	1117	956	302	492	11	8	0.01	3.18	9
CO406367795+	CO20788	8.13	0 1-	2ACSR	0	0	951	302	0	0	0	0.00	3.18	0
CO20591+	CO20788	8.14	125 3-	4ACSR	1174	1109	948	301	492	11	8	0.01	3.19	11
CO20590+	CO20591	8.24	125 3-	4ACSR	1158	1095	934	300	492	11	8	0.02	3.21	19
CO20789+	CO20590	8.31	125 3-	4ACSR	1148	1086	925	299	491	11	8	0.01	3.23	12
CO20790+	CO20789	8.38	125 3-	4ACSR	1137	1077	916	297	491	11	8	0.02	3.24	13
CO20497+	CO20790	8.42	2 1-	4ACSR	0	0	910	297	2	0	0	0.00	3.24	0
CO20595+	CO20790	8.62	120 3-	4ACSR	1100	1044	883	293	484	11	8	0.05	3.30	45
CO23693+	CO20595	8.75	118 3-	4ACSR	1081	1028	867	291	477	11	8	0.03	3.33	23
CO20993+	CO23693	8.81	118 3-	4ACSR	1073	1020	860	290	477	11	8	0.01	3.34	11
CO20994+	CO20993	8.92	118 3-	4ACSR	1057	1006	847	288	477	11	8	0.02	3.36	20

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20995+	CO20994	8.99	118 3-	4ACSR	1047	997	838	287	477	11	8	0.02	3.38	13
CO20996+	CO20995	9.05	113 3-	4ACSR	1038	990	831	286	459	10	8	0.01	3.39	10
CO20997+	CO20996	9.12	111 3-	4ACSR	1028	981	823	285	451	10	8	0.02	3.41	11
CO20975+	CO20997	9.20	6 1-	4ACSR	0	0	814	284	14	1	1	0.00	3.41	0
CO20916+	CO20975	9.25	2 1-	4ACSR	0	0	808	283	5	0	0	0.00	3.41	0
CO20998+	CO20975	9.24	1 1-	4ACSR	0	0	810	283	1	0	0	0.00	3.41	0
CO20999+	CO20998	9.28	1 1-	4ACSR	0	0	805	283	1	0	0	0.00	3.41	0
CO21000+	CO20997	9.17	101 3-	4ACSR	1021	974	817	284	423	9	7	0.01	3.42	7
CO21001+	CO21000	9.24	99 3-	4ACSR	1013	967	810	283	416	9	7	0.01	3.43	8
CO21002+	CO21001	9.28	98 3-	4ACSR	1008	962	805	283	413	9	7	0.01	3.44	6
CO20896+	CO21002	9.42	94 3-	4ACSR	989	946	790	280	398	9	7	0.03	3.46	17
CO20979+	CO20896	9.48	4 1-	4ACSR	0	0	783	279	22	1	1	0.00	3.46	0
CO20978+	CO20979	9.52	2 1-	4ACSR	0	0	779	279	10	0	1	0.00	3.47	0
CO20897+	CO20896	9.47	89 3-	4ACSR	983	940	785	280	370	8	6	0.01	3.47	5
CO20918+	CO20897	9.53	3 1-	4ACSR	0	0	778	279	6	0	0	0.00	3.47	0
CO20898+	CO20897	9.52	83 3-	4ACSR	976	934	779	279	353	8	6	0.01	3.48	6
CO20899+	CO20898	9.65	83 3-	4ACSR	959	919	765	277	353	8	6	0.02	3.50	13
CO20957+	CO20899	9.72	79 3-	6HDCU	951	911	759	276	345	8	6	0.01	3.51	6
CO21004+	CO20957	9.88	79 3-	6HDCU	932	895	744	274	345	8	6	0.02	3.54	14
CO30554+	CO21004	9.98	78 3-	6HDCU	921	884	734	272	338	7	6	0.02	3.55	9
OC847822155+	CO30554	9.98	77 3-	15 N FUSE	921	884	734	272	331	7	52	0.00	3.55	0
CO20956+	OC847822155	10.14	77 3-	6HDCU	903	868	719	270	331	7	6	0.02	3.58	13
CO20955+	CO20956	10.20	75 3-	6HDCU	896	862	714	269	314	7	6	0.01	3.58	5
CO20954+	CO20955	10.34	75 3-	6HDCU	881	848	702	267	314	7	6	0.02	3.60	11
CO20900+	CO20954	10.44	73 3-	6HDCU	871	839	694	266	308	7	6	0.01	3.62	7
CO20901+	CO20900	10.51	72 3-	6HDCU	863	832	687	265	297	6	5	0.01	3.63	5
CO20923+	CO20901	10.59	1 1-	4ACSR	0	0	681	264	10	0	1	0.00	3.63	0
CO20902+	CO20901	10.58	69 3-	6HDCU	856	825	681	264	281	6	5	0.01	3.64	4
CO20959+	CO20902	10.65	67 3-	6HDCU	849	819	676	263	269	6	5	0.01	3.65	4
CO20958+	CO20959	10.74	67 3-	6HDCU	840	811	669	262	269	6	5	0.01	3.66	5
CO20984+	CO20958	10.77	0 1-	4ACSR	0	0	666	261	0	0	0	0.00	3.66	0
CO20983+	CO20984	10.86	0 1-	4ACSR	0	0	659	260	0	0	0	0.00	3.66	0
CO20982+	CO20983	10.92	0 1-	4ACSR	0	0	655	259	0	0	0	0.00	3.66	0
CO21005+	CO20958	10.77	67 3-	6HDCU	837	809	666	261	269	6	5	0.00	3.66	0
CO21006+	CO21005	10.82	64 3-	6HDCU	832	804	662	261	258	6	5	0.01	3.67	3
CO21007+	CO21006	11.00	63 3-	6HDCU	815	789	649	258	255	5	5	0.02	3.69	9
CO21039+	CO21007	11.14	0 1-	4ACSR	0	0	638	257	0	0	0	0.00	3.69	0
CO21040+	CO21039	11.14	0 1-	4ACSR	0	0	638	256	0	0	0	0.00	3.69	0
SW635-A+	CO21040	11.14	0 1-	Open	0	0	638	256	0	0	0	0.00	3.69	0
CO20925+	CO21007	11.03	1 1-	4ACSR	0	0	647	258	2	0	0	0.00	3.69	0
CO20961+	CO21007	11.03	62 3-	6HDCU	812	786	646	258	253	5	5	0.00	3.69	0
CO20926+	CO20961	11.08	1 1-	2ACSR	0	0	643	257	4	0	0	0.00	3.69	0
CO20960+	CO20961	11.07	61 3-	6HDCU	808	782	643	257	250	5	4	0.00	3.70	0
CO21045+	CO20960	11.12	60 3-	6HDCU	803	778	639	257	244	5	4	0.01	3.70	2
CO21028+	CO21045	11.14	59 3-	6HDCU	802	776	638	257	241	5	4	0.00	3.70	0
CO21029+	CO21028	11.28	58 3-	6HDCU	790	765	628	255	233	5	4	0.01	3.72	6
CO20964+	CO21029	11.46	34 3-	6HDCU	774	750	616	253	137	3	2	0.01	3.73	3
CO20963+	CO20964	11.52	34 3-	6HDCU	768	745	612	252	137	3	2	0.00	3.73	0
CO20962+	CO20963	11.57	34 3-	6HDCU	764	741	608	251	137	3	2	0.00	3.74	0
CO21036+	CO20962	11.62	3 1-	4ACSR	0	0	605	251	10	0	1	0.00	3.74	0
CO21037+	CO21036	11.73	1 1-	4ACSR	0	0	598	249	5	0	0	0.00	3.74	0
CO20903+	CO20962	11.65	31 3-	6HDCU	757	735	603	250	126	2	2	0.00	3.74	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21047+	CO20903	11.85	31 3-	6HDCU	741	720	590	248	126	2	2	0.01	3.75	2
CO21038+	CO21047	11.89	30 3-	6HDCU	738	717	587	247	126	2	2	0.00	3.75	0
CO20971+	CO21038	11.96	0 1-	4ACSR	0	0	583	246	0	0	0	0.00	3.75	0
CO21048+	CO20971	12.04	0 1-	4ACSR	0	0	578	246	0	0	0	0.00	3.75	0
CO21041+	CO21038	11.97	30 3-	6HDCU	732	712	583	246	126	2	2	0.00	3.76	0
CO-1488958710+	CO21041	12.02	1 1-	2ACSR	0	0	580	246	7	0	0	0.00	3.76	0
CO23277+	CO21041	12.01	1 3-	2ACSR	730	710	581	246	11	0	0	0.00	3.76	0
CO23675+	CO21041	12.12	27 3-	6HDCU	720	701	574	245	92	2	2	0.01	3.76	0
CO23293+	CO23675	12.26	27 3-	6HDCU	709	691	565	243	92	2	2	0.01	3.77	0
OC1967254615+	CO23293	12.26	0 3-	15 N FUSE	709	691	565	243	0	0	0	0.00	3.77	0
AU818806806+	CO23293	12.26	27 3-	333 KVA 1PH AUT	380	362	331	209	92	2	9	0.09	3.86	0
CO23288+	AU818806806	12.50	27 3-	6HDCU	376	359	327	207	92	2	2	0.01	3.87	0
CO23278+	CO23288	12.55	1 1-	2ACSR	0	0	326	206	7	0	0	0.00	3.87	0
CO23289+	CO23288	12.54	26 3-	6HDCU	376	358	326	206	85	1	2	0.00	3.87	0
CO23287+	CO23289	12.84	25 3-	6HDCU	371	354	321	204	78	1	1	0.01	3.88	0
CO23303+	CO23287	12.97	23 3-	6HDCU	369	352	319	203	78	1	1	0.00	3.89	0
CO23304+	CO23303	12.98	23 3-	6HDCU	369	352	319	203	78	1	1	0.00	3.89	0
CO23299+	CO23304	13.04	21 3-	6HDCU	368	351	318	202	68	1	1	0.00	3.89	0
CO23300+	CO23299	13.22	21 3-	6HDCU	365	348	315	201	68	1	1	0.01	3.90	0
CO23286+	CO23300	13.38	20 3-	6HDCU	362	346	313	200	61	1	1	0.00	3.90	0
CO23285+	CO23286	13.57	19 3-	6HDCU	360	343	310	198	61	1	1	0.01	3.91	0
CO23271+	CO23285	13.62	18 3-	6HDCU	359	343	309	198	55	1	1	0.00	3.91	0
CO23282+	CO23271	13.67	3 1-	4ACSR	0	0	308	197	9	0	0	0.00	3.91	0
CO23283+	CO23282	13.71	2 1-	4ACSR	0	0	308	197	7	0	0	0.00	3.91	0
CO23284+	CO23283	13.79	1 1-	4ACSR	0	0	306	197	0	0	0	0.00	3.91	0
CO23281+	CO23271	13.65	14 3-	6HDCU	358	342	308	198	35	0	1	0.00	3.91	0
CO23297+	CO23281	13.76	13 3-	6HDCU	357	341	307	197	29	0	1	0.00	3.91	0
CO23298+	CO23297	13.83	13 3-	6HDCU	356	340	306	196	29	0	1	0.00	3.91	0
CO23276+	CO23298	14.00	0 1-	4ACSR	0	0	303	195	0	0	0	0.00	3.91	0
CO23280+	CO23298	13.89	12 3-	6HDCU	355	339	305	196	29	0	1	0.00	3.91	0
CO23295+	CO23280	13.97	11 3-	6HDCU	354	338	304	195	24	0	0	0.00	3.91	0
CO23296+	CO23295	14.08	11 3-	6HDCU	352	336	302	194	24	0	0	0.00	3.91	0
CO23294+	CO23296	14.10	11 3-	6HDCU	352	336	302	194	24	0	0	0.00	3.91	0
CO23279+	CO23294	14.16	10 3-	6HDCU	351	335	301	194	17	0	0	0.00	3.91	0
CO23674+	CO23279	14.42	10 3-	6HDCU	347	332	297	192	17	0	0	0.00	3.92	0
CO23328+	CO23674	14.56	10 3-	6HDCU	345	330	295	191	17	0	0	0.00	3.92	0
CO23329+	CO23328	14.89	9 3-	6HDCU	340	326	290	189	14	0	0	0.00	3.92	0
CO23330+	CO23329	14.93	9 3-	6HDCU	340	325	290	188	14	0	0	0.00	3.92	0
CO23311+	CO23330	15.06	9 3-	6HDCU	338	323	288	187	14	0	0	0.00	3.92	0
CO23326+	CO23311	15.13	1 1-	4ACSR	0	0	287	187	0	0	0	0.00	3.92	0
CO23312+	CO23311	15.47	8 3-	6HDCU	332	318	282	185	14	0	0	0.00	3.92	0
CO23367+	CO23312	15.48	7 1-	6HDCU	0	0	282	184	12	0	1	0.00	3.92	0
OC707+	CO23367	15.48	7 1-	25 H OCR	0	0	282	184	12	0	3	0.00	3.92	0
CO23368+	OC707	15.80	7 1-	6HDCU	0	0	278	182	12	0	1	0.01	3.93	0
CO23339+	CO23368	16.15	7 1-	6HDCU	0	0	274	180	12	0	1	0.01	3.93	0
CO23340+	CO23339	16.17	7 1-	6HDCU	0	0	273	180	12	0	1	0.00	3.94	0
CO23341+	CO23340	16.20	7 1-	6HDCU	0	0	273	180	12	0	1	0.00	3.94	0
CO23342+	CO23341	16.60	7 1-	6HDCU	0	0	268	177	12	0	1	0.01	3.94	0
CO23373+	CO23342	16.70	7 1-	6HDCU	0	0	267	177	12	0	1	0.00	3.94	0
CO23371+	CO23373	16.82	7 1-	6HDCU	0	0	266	176	12	0	1	0.00	3.95	0
CO23372+	CO23371	17.08	7 1-	6HDCU	0	0	262	174	12	0	1	0.00	3.95	0
CO23360+	CO23372	17.23	7 1-	6HDCU	0	0	261	174	12	0	1	0.00	3.95	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23306+	CO23360	17.29	7 1-	6HDCU	0	0	260	173	12	0	1	0.00	3.96	0
CO23307+	CO23306	17.54	7 1-	6HDCU	0	0	257	172	12	0	1	0.00	3.96	0
CO23343+	CO23307	17.59	5 1-	6HDCU	0	0	256	171	8	0	0	0.00	3.96	0
CO23344+	CO23343	17.73	5 1-	6HDCU	0	0	255	171	8	0	0	0.00	3.96	0
CO23319+	CO23344	17.77	0 1-	4ACSR	0	0	255	170	0	0	0	0.00	3.96	0
CO23308+	CO23344	17.90	5 1-	6HDCU	0	0	253	170	8	0	0	0.00	3.97	0
CO23363+	CO23308	17.96	4 1-	6HDCU	0	0	252	169	8	0	0	0.00	3.97	0
CO23364+	CO23363	18.06	3 1-	6HDCU	0	0	251	169	7	0	0	0.00	3.97	0
CO23346+	CO23364	18.09	3 1-	6HDCU	0	0	251	169	7	0	0	0.00	3.97	0
CO23345+	CO23346	18.13	3 1-	6HDCU	0	0	251	168	7	0	0	0.00	3.97	0
CO23347+	CO23345	18.20	1 1-	4ACSR	0	0	250	168	0	0	0	0.00	3.97	0
CO23348+	CO23347	18.22	1 1-	4ACSR	0	0	250	168	0	0	0	0.00	3.97	0
CO23323+	CO23348	18.33	1 1-	4ACSR	0	0	248	167	0	0	0	0.00	3.97	0
CO23349+	CO23348	18.31	0 1-	4ACSR	0	0	249	167	0	0	0	0.00	3.97	0
CO23350+	CO23349	18.42	0 1-	4ACSR	0	0	247	167	0	0	0	0.00	3.97	0
CO23365+	CO23345	18.17	2 1-	4ACSR	0	0	250	168	7	0	0	0.00	3.97	0
CO23366+	CO23365	18.20	1 1-	4ACSR	0	0	250	168	0	0	0	0.00	3.97	0
CO23369+	CO23345	18.13	0 1-	4ACSR	0	0	250	168	0	0	0	0.00	3.97	0
SW708-B+	CO23369	18.13	0 1-	Closed	0	0	250	168	0	0	0	0.00	3.97	0
SW708-A+	SW708-B	18.13	0 1-	Closed	0	0	250	168	0	0	0	0.00	3.97	0
CO23370+	SW708-A	18.33	0 1-	4ACSR	0	0	248	167	0	0	0	0.00	3.97	0
CO23351+	CO23370	18.37	0 1-	4ACSR	0	0	248	167	0	0	0	0.00	3.97	0
CO23324+	CO23351	18.43	0 1-	4ACSR	0	0	247	167	0	0	0	0.00	3.97	0
CO23352+	CO23351	18.56	0 1-	4ACSR	0	0	246	166	0	0	0	0.00	3.97	0
CO23353+	CO23352	18.60	0 1-	4ACSR	0	0	245	166	0	0	0	0.00	3.97	0
CO23354+	CO23353	18.70	0 1-	4ACSR	0	0	244	165	0	0	0	0.00	3.97	0
CO23309+	CO23308	17.96	1 1-	4ACSR	0	0	252	169	0	0	0	0.00	3.97	0
CO23322+	CO23309	18.01	0 1-	4ACSR	0	0	252	169	0	0	0	0.00	3.97	0
CO23310+	CO23309	18.00	1 1-	4ACSR	0	0	252	169	0	0	0	0.00	3.97	0
CO23321+	CO23310	18.31	1 1-	4ACSR	0	0	249	167	0	0	0	0.00	3.97	0
CO23320+	CO23310	18.04	0 1-	4ACSR	0	0	251	169	0	0	0	0.00	3.97	0
CO23318+	CO23307	17.62	2 1-	4ACSR	0	0	256	171	3	0	0	0.00	3.96	0
CO23317+	CO23306	17.33	0 1-	4ACSR	0	0	260	173	0	0	0	0.00	3.96	0
CO23361+	CO23360	17.40	0 1-	6ACSR	0	0	258	172	0	0	0	0.00	3.95	0
CO23362+	CO23361	17.44	0 1-	6ACSR	0	0	257	172	0	0	0	0.00	3.95	0
CO23316+	CO23373	16.76	0 1-	4ACSR	0	0	266	176	0	0	0	0.00	3.94	0
CO23327+	CO23342	16.67	0 1-	4ACSR	0	0	267	177	0	0	0	0.00	3.94	0
CO23333+	CO23312	15.75	1 3-	6HDCU	328	315	279	183	3	0	0	0.00	3.92	0
CO23334+	CO23333	15.88	0 3-	6HDCU	327	313	277	182	0	0	0	0.00	3.92	0
CO23335+	CO23334	16.13	0 3-	6HDCU	323	310	274	180	0	0	0	0.00	3.92	0
CO23673+	CO23335	16.41	0 3-	6HDCU	320	307	270	178	0	0	0	0.00	3.92	0
CO21152+	CO23673	16.44	0 3-	6HDCU	319	306	270	178	0	0	0	0.00	3.92	0
CO21087+	CO21152	16.56	0 1-	4ACSR	0	0	269	178	0	0	0	0.00	3.92	0
CO21085+	CO21152	16.52	0 3-	6HDCU	318	305	269	178	0	0	0	0.00	3.92	0
CO21086+	CO21085	16.56	0 1-	4ACSR	0	0	269	178	0	0	0	0.00	3.92	0
CO23336+	CO23335	16.19	0 1-	4ACSR	0	0	273	180	0	0	0	0.00	3.92	0
CO23337+	CO23336	16.66	0 1-	4ACSR	0	0	267	177	0	0	0	0.00	3.92	0
CO23338+	CO23337	16.93	0 1-	4ACSR	0	0	264	175	0	0	0	0.00	3.92	0
CO23331+	CO23330	15.09	0 1-	4ACSR	0	0	288	187	0	0	0	0.00	3.92	0
CO23332+	CO23331	15.16	0 1-	4ACSR	0	0	287	187	0	0	0	0.00	3.92	0
CO23325+	CO23328	14.64	1 1-	4ACSR	0	0	294	190	2	0	0	0.00	3.92	0
CO23275+	CO23271	13.69	1 1-	4ACSR	0	0	308	197	10	0	1	0.00	3.91	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23274+	CO23285	13.67	1 1-	4ACSR	0	0	308	197	6	0	0	0.00	3.91	0
CO23301+	CO23304	13.07	2 1-	4ACSR	0	0	318	202	10	0	1	0.00	3.89	0
CO23302+	CO23301	13.09	2 1-	4ACSR	0	0	317	202	10	0	1	0.00	3.89	0
CO-1313213875+	CO23302	13.13	1 1-	2ACSR	0	0	317	202	1	0	0	0.00	3.89	0
CO23273+	CO23287	12.91	2 1-	4ACSR	0	0	320	203	0	0	0	0.00	3.88	0
CO23290+	CO23293	12.31	0 1-	4ACSR	0	0	562	242	0	0	0	0.00	3.77	0
CO23291+	CO23290	12.37	0 1-	4ACSR	0	0	558	242	0	0	0	0.00	3.77	0
CO23272+	CO23291	12.40	0 1-	4ACSR	0	0	557	241	0	0	0	0.00	3.77	0
CO20989+	CO20962	11.77	0 1-	4ACSR	0	0	595	249	0	0	0	0.00	3.74	0
CO20988+	CO20989	11.90	0 1-	4ACSR	0	0	587	247	0	0	0	0.00	3.74	0
CO20986+	CO21029	11.31	20 1-	4ACSR	0	0	626	254	78	5	4	0.00	3.72	0
CO20987+	CO20986	11.36	17 1-	4ACSR	0	0	622	254	65	4	3	0.01	3.73	0
CO21032+	CO20987	11.41	10 1-	4ACSR	0	0	619	253	40	2	2	0.00	3.73	0
CO21033+	CO21032	11.43	6 1-	4ACSR	0	0	618	253	28	1	1	0.00	3.73	0
CO21034+	CO21033	11.45	6 1-	4ACSR	0	0	616	253	28	1	1	0.00	3.73	0
CO21035+	CO21034	11.50	2 1-	4ACSR	0	0	613	252	11	0	1	0.00	3.73	0
CO21030+	CO20987	11.40	3 1-	4ACSR	0	0	619	253	13	0	1	0.00	3.73	0
CO21031+	CO21030	11.43	2 1-	4ACSR	0	0	618	253	9	0	0	0.00	3.73	0
CO20985+	CO20986	11.35	3 1-	4ACSR	0	0	623	254	14	0	1	0.00	3.72	0
CO21025+	CO20960	11.12	1 1-	4ACSR	0	0	640	257	6	0	0	0.00	3.70	0
CO21026+	CO21025	11.21	0 1-	4ACSR	0	0	633	256	0	0	0	0.00	3.70	0
CO20924+	CO20902	10.64	2 1-	4ACSR	0	0	677	263	12	0	1	0.00	3.64	0
CO20981+	CO20900	10.46	1 1-	4ACSR	0	0	692	265	11	0	1	0.00	3.62	0
CO20980+	CO20981	10.52	1 1-	4ACSR	0	0	687	265	11	0	1	0.00	3.62	0
CO20922+	CO20954	10.40	2 1-	4ACSR	0	0	696	266	6	0	0	0.00	3.61	0
CO20921+	CO20899	9.71	1 1-	4ACSR	0	0	760	276	3	0	0	0.00	3.50	0
CO20920+	CO20899	9.72	3 1-	4ACSR	0	0	759	276	4	0	0	0.00	3.50	0
CO20977+	CO21002	9.37	3 1-	4ACSR	0	0	796	281	14	0	1	0.00	3.44	0
CO20976+	CO20977	9.41	1 1-	4ACSR	0	0	791	281	8	0	0	0.00	3.44	0
CO20791+	CO20790	8.45	3 1-	4ACSR	0	0	906	296	6	0	0	0.00	3.25	0
CO20792+	CO20791	8.48	2 1-	4ACSR	0	0	902	296	4	0	0	0.00	3.25	0
CO-37695439+	CO20593	7.87	1 1-	2ACSR	0	0	989	307	5	0	0	0.00	3.12	0
CO20525+	CO-37695439	7.93	1 1-	2ACSR	0	0	981	306	5	0	0	0.00	3.12	0
CO-615549715+	CO20525	8.24	0 1-	2ACSR	0	0	944	302	0	0	0	0.00	3.12	0
CO20594+	CO-615549715	8.37	0 1-	4ACSR	0	0	927	300	0	0	0	0.00	3.12	0
CO20693+	CO20694	7.18	4 1-	4ACSR	0	0	1085	316	14	0	1	0.00	3.00	0
CO20692+	CO20693	7.21	2 1-	4ACSR	0	0	1079	315	8	0	0	0.00	3.00	0
CO20609+	CO20596	6.96	4 2-	2ACSR	0	1261	1106	317	18	0	0	0.00	2.99	0
CO20697+	CO20452	6.81	2 1-	4ACSR	0	0	1132	320	10	0	1	0.00	2.95	0
CO20696+	CO20697	6.85	1 1-	4ACSR	0	0	1125	319	8	0	0	0.00	2.95	0
CO20785+	CO20784	6.78	7 1-	4ACSR	0	0	1137	321	33	2	2	0.00	2.94	0
CO20786+	CO20785	6.81	5 1-	4ACSR	0	0	1131	320	27	1	1	0.00	2.94	0
OC1816114868+	CO20786	6.81	4 1-	15 N FUSE	0	0	1131	320	26	1	12	0.00	2.94	0
CO20661+	OC1816114868	6.86	3 1-	4ACSR	0	0	1123	319	15	1	1	0.00	2.94	0
CO20660+	CO20661	6.88	3 1-	4ACSR	0	0	1119	319	15	1	1	0.00	2.94	0
CO20825+	OC1816114868	6.89	1 1-	4ACSR	0	0	1117	318	11	0	1	0.00	2.94	0
CO20826+	CO20825	6.98	1 1-	4ACSR	0	0	1101	317	11	0	1	0.00	2.94	0
CO20589+	CO20826	7.01	1 1-	4ACSR	0	0	1097	316	11	0	1	0.00	2.94	0
CO20659+	CO20589	7.07	1 1-	4ACSR	0	0	1085	315	11	0	1	0.00	2.95	0
CO20658+	CO20659	7.21	1 1-	4ACSR	0	0	1061	312	11	0	1	0.00	2.95	0
CO20657+	CO20658	7.27	1 1-	4ACSR	0	0	1051	311	11	0	1	0.00	2.95	0
CO20447+	CO20442	6.16	3 3-	4ACSR	1459	1372	1227	327	91	2	2	0.00	2.75	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20670+	CO20447	6.23	2 1-	4ACSR	0	0	1213	326	2	0	0	0.00	2.75	0
CO20669+	CO20670	6.29	1 1-	4ACSR	0	0	1201	325	0	0	0	0.00	2.75	0
CO20463+	CO20441	6.03	73 3-	6ACWC	1477	1390	1247	329	1364	31	23	0.00	2.73	4
CO20611+	CO20463	6.04	9 3-	4ACSR	1476	1388	1245	328	640	14	11	0.00	2.73	3
CO20610+	CO20611	6.08	7 3-	4ACSR	1468	1381	1236	328	638	14	11	0.01	2.75	13
CO20754+	CO20610	6.11	4 3-	4ACSR	1462	1375	1230	327	598	13	10	0.01	2.75	8
CO20755+	CO20754	6.22	2 3-	4ACSR	1441	1357	1209	325	591	13	10	0.03	2.78	29
CO20756+	CO20755	6.24	2 3-	4ACSR	1435	1352	1203	324	590	13	10	0.01	2.79	8
CO1148803847+	CO20756	6.25	2 3-	1/0PRIURD	1435	1351	1202	675	590	13	9	0.00	2.79	0
220438101+	CO1148803847	6.25	1 3-	Consumer	1435	1351	1202	675	590	13	0	0.00	2.79	0
CO20598+	CO20756	6.29	0 3-	4ACSR	1426	1343	1193	323	0	0	0	0.00	2.79	0
CO20597+	CO20598	6.32	0 3-	4ACSR	1420	1338	1188	323	0	0	0	0.00	2.79	0
XFMR166	CO20463	6.03	64 3-	500 KVA 1PH AUT	1049	1026	985	175	724	16	49	0.64	3.37	0
CO-965566537	XFMR166	6.07	64 3-	2ACSR	1043	1019	977	174	724	33	19	0.04	3.40	44
CO20523	CO-965566537	6.07	1 3-	2ACSR	1043	1019	976	174	128	5	3	0.00	3.40	0
CO20808	CO20523	6.08	1 3-	1/0PRIURD	1043	1019	975	416	128	5	4	0.00	3.40	0
220438205	CO20808	6.08	1 3-	Consumer	1043	1019	975	416	128	5	0	0.00	3.40	0
CO2084297266	CO-965566537	6.14	63 3-	2ACSR	1034	1009	964	174	596	27	15	0.05	3.45	45
CO-312727103	CO2084297266	6.20	63 3-	2ACSR	1024	998	950	173	596	27	15	0.05	3.50	48
CO-830833601	CO-312727103	6.25	63 3-	2ACSR	1017	991	941	173	596	27	15	0.03	3.53	33
CO1439602964	CO-830833601	6.29	56 3-	2ACSR	1011	983	933	173	465	21	12	0.03	3.56	19
CO20500	CO1439602964	6.30	1 3-	4ACSR	1010	983	932	173	219	10	7	0.00	3.56	0
CO-1764000829	CO20500	6.33	0 3-	1/0PRIURD	1009	981	927	404	0	0	0	0.00	3.56	0
220438201	CO20500	6.30	1 3-	Consumer	1010	983	932	173	219	10	0	0.00	3.56	0
CO20821	CO1439602964	6.34	55 1-	6ACWC	0	0	922	172	246	34	25	0.08	3.64	31
OC621	CO20821	6.34	55 1-	35 H OCR	0	0	922	172	246	34	99	0.00	3.64	0
CO20822	OC621	6.40	55 1-	6ACWC	0	0	910	171	246	34	25	0.09	3.73	36
CO20607	CO20822	6.42	3 1-	6ACWC	0	0	906	171	4	0	0	0.00	3.73	0
CO20502	CO20607	6.45	2 1-	4ACSR	0	0	900	171	4	0	0	0.00	3.73	0
CO20501	CO20607	6.51	1 1-	4ACSR	0	0	887	170	0	0	0	0.00	3.73	0
CO20600	CO20822	6.43	51 1-	6ACWC	0	0	904	171	241	33	24	0.05	3.77	18
CO20599	CO20600	6.53	48 1-	6ACWC	0	0	884	170	227	31	23	0.14	3.91	50
CO20757	CO20599	6.56	46 1-	6ACWC	0	0	878	170	225	31	23	0.04	3.95	16
CO20758	CO20757	6.63	45 1-	6ACWC	0	0	863	169	225	31	23	0.10	4.06	38
CO20443	CO20758	6.72	42 1-	6ACWC	0	0	845	168	219	30	22	0.13	4.18	45
CO20650	CO20443	6.81	3 1-	4ACSR	0	0	828	167	15	2	2	0.01	4.19	0
CO20649	CO20650	6.83	1 1-	4ACSR	0	0	823	167	4	0	0	0.00	4.19	0
CO20444	CO20443	6.86	37 1-	6ACWC	0	0	819	167	194	27	20	0.17	4.36	54
CO20805	CO20444	6.87	33 1-	6ACWC	0	0	815	166	179	25	18	0.02	4.38	6
CO20806	CO20805	6.89	31 1-	6ACWC	0	0	813	166	171	24	17	0.01	4.39	3
CO20807	CO20806	6.90	28 1-	6ACWC	0	0	811	166	153	21	15	0.01	4.40	3
CO20703	CO20807	6.92	1 1-	2ACSR	0	0	808	166	11	1	1	0.00	4.40	0
CO20702	CO20703	6.97	1 1-	2ACSR	0	0	799	166	11	1	1	0.00	4.40	0
CO20759	CO20807	6.95	27 1-	6ACWC	0	0	800	166	141	19	14	0.05	4.45	12
CO20760	CO20759	7.05	26 1-	6ACWC	0	0	783	165	133	18	13	0.08	4.52	16
CO20490	CO20760	7.17	0 1-	4ACSR	0	0	761	163	0	0	0	0.00	4.52	0
CO20489	CO20760	7.10	0 1-	4ACSR	0	0	772	164	0	0	0	0.00	4.52	0
CO20488	CO20760	7.14	1 1-	4ACSR	0	0	766	164	16	2	2	0.00	4.53	0
CO20445	CO20760	7.11	23 1-	6ACWC	0	0	772	164	108	15	11	0.05	4.57	8
CO20491	CO20445	7.15	1 1-	4ACSR	0	0	764	164	11	1	1	0.00	4.57	0
CO20761	CO20445	7.18	22 1-	6ACWC	0	0	759	163	97	13	10	0.04	4.61	7
CO20762	CO20761	7.24	20 1-	6ACWC	0	0	749	163	92	12	9	0.03	4.64	4

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20492	CO20762	7.33	1 1-	4ACSR	0	0	733	162	0	0	0	0.00	4.64	0
CO20765	CO20762	7.29	15 1-	6ACWC	0	0	740	162	70	9	7	0.02	4.67	3
CO20766	CO20765	7.58	14 1-	6ACWC	0	0	693	159	65	9	7	0.12	4.78	12
CO20767	CO20766	7.79	12 1-	6ACWC	0	0	662	157	60	8	6	0.08	4.86	8
CO20768	CO20767	7.83	11 1-	6ACWC	0	0	657	157	60	8	6	0.02	4.88	0
CO20579	CO20768	7.93	11 1-	6ACWC	0	0	642	156	60	8	6	0.04	4.92	4
CO20769	CO20579	8.04	5 1-	4ACSR	0	0	628	155	29	4	3	0.02	4.94	0
CO20770	CO20769	8.06	4 1-	4ACSR	0	0	625	155	26	3	3	0.00	4.94	0
CO20771	CO20770	8.08	3 1-	4ACSR	0	0	622	155	18	2	2	0.00	4.94	0
CO20521	CO20771	8.12	1 1-	2ACSR	0	0	618	154	3	0	0	0.00	4.94	0
CO20654	CO20771	8.10	2 1-	4ACSR	0	0	620	155	15	2	2	0.00	4.94	0
CO20633	CO20654	8.16	2 1-	4ACSR	0	0	612	154	15	2	2	0.00	4.95	0
CO20632	CO20633	8.33	1 1-	4ACSR	0	0	591	152	9	1	1	0.00	4.95	0
CO20446	CO20579	8.12	5 1-	6ACWC	0	0	617	154	26	3	3	0.03	4.95	0
CO20434	CO20446	8.40	5 1-	6ACWC	0	0	583	152	26	3	3	0.05	4.99	0
CO20540	CO20434	8.62	3 1-	6ACWC	0	0	558	150	21	3	2	0.03	5.02	0
CO20539	CO20540	8.69	3 1-	6ACWC	0	0	551	149	21	3	2	0.01	5.03	0
CO20631	CO20539	8.72	1 1-	4ACSR	0	0	548	149	9	1	1	0.00	5.03	0
CO20630	CO20631	8.78	1 1-	4ACSR	0	0	541	149	9	1	1	0.00	5.04	0
CO20629	CO20630	8.82	1 1-	4ACSR	0	0	538	148	9	1	1	0.00	5.04	0
CO20551	CO20539	8.77	2 1-	4ACSR	0	0	542	149	12	1	1	0.01	5.04	0
CO20772	CO20551	8.84	2 1-	4ACSR	0	0	535	148	12	1	1	0.01	5.04	0
CO20773	CO20772	8.89	2 1-	4ACSR	0	0	530	148	12	1	1	0.00	5.05	0
CO20550	CO20773	8.93	2 1-	4ACSR	0	0	526	147	12	1	1	0.00	5.05	0
CO20704	CO20550	9.00	1 1-	2ACSR	0	0	520	147	0	0	0	0.00	5.05	0
CO23692	CO20704	9.27	1 1-	2ACSR	0	0	500	145	0	0	0	0.00	5.05	0
CO20992	CO23692	9.49	1 1-	2ACSR	0	0	485	144	0	0	0	0.00	5.05	0
CO20549	CO20550	9.08	1 1-	4ACSR	0	0	512	146	12	1	1	0.01	5.06	0
CO20548	CO20549	9.15	1 1-	4ACSR	0	0	505	146	12	1	1	0.01	5.07	0
CO20547	CO20548	9.23	1 1-	4ACSR	0	0	498	145	12	1	1	0.01	5.08	0
CO20480	CO20547	9.32	0 1-	4ACSR	0	0	490	144	0	0	0	0.00	5.08	0
CO20477	CO20547	9.30	1 1-	4ACSR	0	0	492	144	12	1	1	0.00	5.08	0
CO20646	CO20434	8.50	2 1-	4ACSR	0	0	572	151	4	0	0	0.00	5.00	0
CO20699	CO20646	8.59	1 1-	2ACSR	0	0	564	150	4	0	0	0.00	5.00	0
CO20698	CO20699	8.67	1 1-	2ACSR	0	0	556	150	4	0	0	0.00	5.00	0
CO20645	CO20646	8.59	1 1-	4ACSR	0	0	562	150	0	0	0	0.00	5.00	0
CO20763	CO20762	7.35	3 1-	4ACSR	0	0	729	162	7	0	1	0.00	4.65	0
CO20764	CO20763	7.41	0 1-	4ACSR	0	0	721	161	0	0	0	0.00	4.65	0
CO20653	CO20444	6.88	3 1-	4ACSR	0	0	815	166	14	2	1	0.00	4.36	0
CO20652	CO20653	6.90	1 1-	4ACSR	0	0	811	166	5	0	1	0.00	4.36	0
CO20651	CO20652	6.92	1 1-	4ACSR	0	0	806	166	5	0	1	0.00	4.36	0
CO20487	CO20443	6.80	1 1-	4ACSR	0	0	829	167	6	0	1	0.00	4.19	0
CO20486	CO20443	6.81	1 1-	4ACSR	0	0	828	167	4	0	0	0.00	4.19	0
CO20484	CO20758	6.81	0 1-	4ACSR	0	0	827	167	0	0	0	0.00	4.06	0
CO20578	CO20758	6.70	2 1-	4ACSR	0	0	848	168	2	0	0	0.00	4.06	0
CO20577	CO20578	6.76	1 1-	4ACSR	0	0	837	168	0	0	0	0.00	4.06	0
CO20576	CO20577	6.95	1 1-	4ACSR	0	0	800	166	0	0	0	0.00	4.06	0
CO20575	CO20576	7.08	1 1-	4ACSR	0	0	776	164	0	0	0	0.00	4.06	0
CO20574	CO20575	7.25	1 1-	4ACSR	0	0	746	162	0	0	0	0.00	4.06	0
CO20573	CO20574	7.48	1 1-	4ACSR	0	0	708	160	0	0	0	0.00	4.06	0
CO20572	CO20573	7.59	1 1-	4ACSR	0	0	690	159	0	0	0	0.00	4.06	0
CO20485	CO20599	6.58	1 1-	4ACSR	0	0	873	169	2	0	0	0.00	3.91	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20665	CO-830833601	6.26	7 3-	4ACSR	1015	988	939	173	131	6	4	0.00	3.54	0
CO-851027918	CO20665	6.27	0 3-	2ACSR	1014	987	937	173	0	0	0	0.00	3.54	0
CO20664	CO20665	6.34	5 3-	4ACSR	1003	974	922	172	32	1	1	0.00	3.54	0
CO20663	CO20664	6.38	4 3-	4ACSR	997	967	914	171	2	0	0	0.00	3.54	0
CO20499	CO20663	6.43	2 1-	4ACSR	0	0	903	171	1	0	0	0.00	3.54	0
CO20498	CO20663	6.43	0 1-	4ACSR	0	0	902	171	0	0	0	0.00	3.54	0
CO20662	CO20663	6.42	2 3-	4ACSR	990	959	905	171	1	0	0	0.00	3.54	0
CO20819+	CO20456	5.99	22 1-	397ACSR	0	0	1252	329	157	10	2	0.00	2.71	0
OC623+	CO20819	5.99	22 1-	10 N FUSE	0	0	1252	329	157	10	109	0.00	2.71	0
CO20820+	OC623	6.01	22 1-	397ACSR	0	0	1249	329	157	10	2	0.00	2.71	0
CO20675+	CO20820	6.08	11 1-	397ACSR	0	0	1242	328	74	5	1	0.00	2.71	0
CO20752+	CO20675	6.10	9 1-	397ACSR	0	0	1239	328	60	4	1	0.00	2.71	0
CO20753+	CO20752	6.17	8 1-	397ACSR	0	0	1232	328	54	3	1	0.00	2.71	0
CO20674+	CO20753	6.21	8 1-	397ACSR	0	0	1228	328	54	3	1	0.00	2.71	0
CO20673+	CO20674	6.27	4 1-	397ACSR	0	0	1222	328	23	1	0	0.00	2.72	0
CO20672+	CO20673	6.29	4 1-	397ACSR	0	0	1219	328	23	1	0	0.00	2.72	0
CO20671+	CO20672	6.43	1 1-	397ACSR	0	0	1205	327	6	0	0	0.00	2.72	0
CO20506+	CO20675	6.14	2 1-	397ACSR	0	0	1235	328	14	0	0	0.00	2.71	0
CO20750+	CO20820	6.05	11 1-	397ACSR	0	0	1245	329	83	5	1	0.00	2.71	0
CO20751+	CO20750	6.07	7 1-	397ACSR	0	0	1243	329	67	4	1	0.00	2.71	0
CO20677+	CO20751	6.10	1 1-	397ACSR	0	0	1240	328	10	0	0	0.00	2.71	0
CO20676+	CO20677	6.14	1 1-	397ACSR	0	0	1235	328	10	0	0	0.00	2.71	0
CO20682+	CO20751	6.14	6 1-	397ACSR	0	0	1235	328	57	3	1	0.00	2.71	0
CO20681+	CO20682	6.16	5 1-	397ACSR	0	0	1233	328	47	3	1	0.00	2.71	0
CO20680+	CO20681	6.19	3 1-	397ACSR	0	0	1229	328	35	2	0	0.00	2.71	0
CO20679+	CO20680	6.25	2 1-	397ACSR	0	0	1223	328	30	2	0	0.00	2.71	0
CO20678+	CO20679	6.32	1 1-	397ACSR	0	0	1216	327	10	0	0	0.00	2.71	0
CO20505+	CO20601	5.97	7 3-	397ACSR	1484	1396	1254	329	34	0	0	0.00	2.70	0
CO20748+	CO30553	5.92	16 1-	4ACSR	0	0	1256	329	27	1	1	0.00	2.68	0
CO20749+	CO20748	5.98	16 1-	4ACSR	0	0	1244	327	27	1	1	0.00	2.68	0
CO1499826588+	CO20749	6.02	1 1-	4ACSR	0	0	1235	327	3	0	0	0.00	2.68	0
CO20483+	CO20749	6.00	0 1-	4ACSR	0	0	1239	327	0	0	0	0.00	2.68	0
CO20648+	CO20749	6.02	4 1-	4ACSR	0	0	1236	327	8	0	0	0.00	2.68	0
CO20647+	CO20648	6.05	4 1-	4ACSR	0	0	1230	326	8	0	0	0.00	2.68	0
CO20481+	CO20569	5.59	2 1-	4ACSR	0	0	1292	329	8	0	0	0.00	2.54	0
CO20514+	CO20567	5.52	1 1-	397ACSR	0	0	1308	331	15	1	0	0.00	2.50	0
CO20731+	CO20564	4.86	6 1-	397ACSR	0	0	1394	334	15	1	0	0.00	2.26	0
CO20732+	CO20731	4.91	3 1-	397ACSR	0	0	1388	333	6	0	0	0.00	2.26	0
CO30581+	CO20732	4.96	1 1-	397ACSR	0	0	1381	333	3	0	0	0.00	2.26	0
CO20691+	CO20564	4.92	6 1-	4ACSR	0	0	1378	332	19	1	1	0.00	2.26	0
CO20690+	CO20691	4.95	5 1-	4ACSR	0	0	1371	332	14	1	1	0.00	2.26	0
CO20689+	CO20690	5.01	3 1-	4ACSR	0	0	1355	330	12	0	1	0.00	2.26	0
CO20813+	CO20440	4.62	12 1-	397ACSR	0	0	1430	335	54	3	1	0.00	2.16	0
OC624+	CO20813	4.62	12 1-	10 N FUSE	0	0	1430	335	54	3	38	0.00	2.16	0
CO20814+	OC624	4.67	12 1-	397ACSR	0	0	1422	334	54	3	1	0.00	2.16	0
CO20112+	CO20814	4.69	12 1-	397ACSR	0	0	1420	334	54	3	1	0.00	2.16	0
CO20224+	CO20112	4.77	2 1-	397ACSR	0	0	1407	334	3	0	0	0.00	2.16	0
CO20174+	CO20112	4.74	10 1-	397ACSR	0	0	1411	334	51	3	1	0.00	2.16	0
CO20176+	CO20174	4.80	9 1-	397ACSR	0	0	1403	334	50	3	1	0.00	2.16	0
CO20175+	CO20176	4.84	8 1-	397ACSR	0	0	1398	334	40	2	0	0.00	2.16	0
CO20211+	CO20175	4.91	5 1-	397ACSR	0	0	1388	333	19	1	0	0.00	2.16	0
CO20215+	CO20211	4.98	3 1-	397ACSR	0	0	1379	333	10	0	0	0.00	2.16	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20212+	CO20215	5.04	3 1-	397ACSR	0	0	1371	333	10	0	0	0.00	2.16	0
CO20214+	CO20212	5.08	2 1-	397ACSR	0	0	1366	333	10	0	0	0.00	2.16	0
CO20213+	CO20214	5.16	1 1-	397ACSR	0	0	1355	332	6	0	0	0.00	2.16	0
CO20210+	CO20175	4.88	2 1-	397ACSR	0	0	1392	334	15	1	0	0.00	2.16	0
CO20209+	CO20210	4.92	1 1-	397ACSR	0	0	1386	333	6	0	0	0.00	2.16	0
CO20606+	CO20440	4.69	8 1-	4ACSR	0	0	1411	333	46	3	2	0.01	2.16	0
CO20605+	CO20606	4.78	8 1-	4ACSR	0	0	1386	331	46	3	2	0.01	2.17	0
CO20604+	CO20605	4.83	7 1-	4ACSR	0	0	1373	330	38	2	2	0.00	2.17	0
CO20517+	CO20604	4.87	2 1-	4ACSR	0	0	1362	329	7	0	0	0.00	2.17	0
CO20462+	CO20604	4.85	5 1-	4ACSR	0	0	1367	330	31	2	2	0.00	2.17	0
CO20519+	CO20462	4.87	5 1-	4ACSR	0	0	1363	329	31	2	2	0.00	2.17	0
CO20634+	CO20519	4.97	5 1-	4ACSR	0	0	1336	327	31	2	2	0.00	2.18	0
CO20725+	CO20634	5.04	4 1-	4ACSR	0	0	1319	326	23	1	1	0.00	2.18	0
CO20726+	CO20725	5.12	2 1-	4ACSR	0	0	1300	324	6	0	0	0.00	2.18	0
CO20518+	CO20462	4.88	0 1-	4ACSR	0	0	1359	329	0	0	0	0.00	2.17	0
CO20478+	CO20518	4.93	0 1-	4ACSR	0	0	1348	328	0	0	0	0.00	2.17	0
CO20531+	CO20558	4.03	24 1-	4ACSR	0	0	1515	336	99	6	5	0.01	1.89	0
CO20530+	CO20531	4.08	22 1-	4ACSR	0	0	1500	335	95	6	5	0.01	1.90	0
CO20642+	CO20530	4.30	3 1-	4ACSR	0	0	1437	331	22	1	1	0.01	1.90	0
CO20641+	CO20642	4.37	1 1-	4ACSR	0	0	1417	329	22	1	1	0.00	1.91	0
CO20640+	CO20641	4.41	1 1-	4ACSR	0	0	1403	328	22	1	1	0.00	1.91	0
CO20433+	CO20530	4.21	19 1-	4ACSR	0	0	1463	333	73	5	4	0.01	1.91	0
CO20719+	CO20433	4.41	18 1-	4ACSR	0	0	1406	328	73	5	4	0.02	1.93	2
CO20720+	CO20719	4.44	15 1-	4ACSR	0	0	1395	328	61	4	3	0.00	1.94	0
CO20718+	CO20720	4.54	12 1-	4ACSR	0	0	1368	326	54	3	3	0.01	1.94	0
CO20475+	CO20718	4.58	1 1-	4ACSR	0	0	1357	325	10	0	1	0.00	1.94	0
CO20721+	CO20718	4.63	11 1-	4ACSR	0	0	1344	324	43	3	2	0.01	1.95	0
CO20722+	CO20721	4.80	10 1-	4ACSR	0	0	1300	321	32	2	2	0.01	1.96	0
CO20538+	CO20722	4.86	8 1-	4ACSR	0	0	1283	319	29	2	1	0.00	1.96	0
CO20527+	CO20538	4.91	0 1-	4ACSR	0	0	1271	318	0	0	0	0.00	1.96	0
CO20537+	CO20538	4.98	7 1-	4ACSR	0	0	1253	317	29	1	1	0.01	1.97	0
CO20536+	CO20537	5.05	5 1-	4ACSR	0	0	1236	316	18	1	1	0.00	1.97	0
CO20526+	CO20536	5.12	1 1-	2ACSR	0	0	1223	315	3	0	0	0.00	1.97	0
CO20535+	CO20536	5.20	4 1-	4ACSR	0	0	1201	313	15	1	1	0.00	1.97	0
CO20705+	CO20535	5.30	4 1-	4ACSR	0	0	1179	311	15	1	1	0.00	1.97	0
CO20706+	CO20705	5.40	4 1-	4ACSR	0	0	1156	309	15	1	1	0.00	1.98	0
CO20707+	CO20706	5.67	3 1-	4ACSR	0	0	1099	304	6	0	0	0.00	1.98	0
CO20534+	CO20707	5.76	2 1-	4ACSR	0	0	1081	303	4	0	0	0.00	1.98	0
CO20533+	CO20534	5.85	1 1-	4ACSR	0	0	1063	301	3	0	0	0.00	1.98	0
CO20532+	CO20533	5.92	1 1-	4ACSR	0	0	1051	300	3	0	0	0.00	1.98	0
CO20524+	CO20537	5.04	2 1-	2ACSR	0	0	1242	316	10	0	0	0.00	1.97	0
CO1270423918+	CO20524	5.09	1 1-	2ACSR	0	0	1232	316	0	0	0	0.00	1.97	0
CO20624+	CO20722	4.85	2 1-	2ACSR	0	0	1289	320	3	0	0	0.00	1.96	0
CO20623+	CO20624	4.90	2 1-	2ACSR	0	0	1277	319	3	0	0	0.00	1.96	0
CO20622+	CO20623	5.02	1 1-	2ACSR	0	0	1254	318	0	0	0	0.00	1.96	0
CO20621+	CO20622	5.08	1 1-	2ACSR	0	0	1241	317	0	0	0	0.00	1.96	0
CO20620+	CO20621	5.21	1 1-	2ACSR	0	0	1216	315	0	0	0	0.00	1.96	0
CO20619+	CO20620	5.35	1 1-	2ACSR	0	0	1188	313	0	0	0	0.00	1.96	0
CO20618+	CO20619	5.41	1 1-	2ACSR	0	0	1178	312	0	0	0	0.00	1.96	0
CO20617+	CO20618	5.55	1 1-	2ACSR	0	0	1153	311	0	0	0	0.00	1.96	0
CO20616+	CO20617	5.62	1 1-	2ACSR	0	0	1140	310	0	0	0	0.00	1.96	0
CO20615+	CO20616	5.75	1 1-	2ACSR	0	0	1119	308	0	0	0	0.00	1.96	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-381791469+	CO20615	5.90	1 1-	2ACSR	0	0	1094	306	0	0	0	0.00	1.96	0
CO-1004304766+	CO-381791469	5.95	0 1-	2ACSR	0	0	1085	305	0	0	0	0.00	1.96	0
CO-584902616+	CO-381791469	5.99	1 1-	2ACSR	0	0	1079	305	0	0	0	0.00	1.96	0
CO20474+	CO20433	4.34	1 1-	4ACSR	0	0	1425	330	0	0	0	0.00	1.91	0
CO20644+	CO20709	3.80	3 1-	4ACSR	0	0	1556	338	18	1	1	0.00	1.79	0
CO20643+	CO20644	3.84	2 1-	4ACSR	0	0	1544	337	12	0	1	0.00	1.79	0
CO20470+	CO20554	3.13	2 1-	4ACSR	0	0	1675	339	5	0	0	0.00	1.45	0
CO20469+	CO20436	2.85	1 1-	4ACSR	0	0	1744	342	1	0	0	0.00	1.35	0
CO20468+	CO20711	2.68	1 1-	4ACSR	0	0	1785	342	3	0	0	0.00	1.27	0
CO20467+	CO20711	2.69	1 1-	4ACSR	0	0	1780	342	1	0	0	0.00	1.27	0
CO20546+	CO23713	2.30	11 1-	4ACSR	0	0	1870	343	21	1	1	0.00	1.08	0
CO23714+	CO20546	2.39	10 1-	4ACSR	0	0	1828	341	21	1	1	0.00	1.09	0
CO20878+	CO23714	2.65	9 1-	4ACSR	0	0	1718	336	21	1	1	0.01	1.10	0
CO20857+	CO20878	3.13	9 1-	4ACSR	0	0	1530	326	21	1	1	0.02	1.11	0
CO20836+	CO20857	3.15	1 1-	4ACSR	0	0	1524	325	6	0	0	0.00	1.11	0
CO20869+	CO20857	3.18	2 1-	4ACSR	0	0	1513	325	9	0	0	0.00	1.11	0
CO20868+	CO20869	3.20	2 1-	4ACSR	0	0	1506	325	9	0	0	0.00	1.11	0
CO20867+	CO20868	3.27	2 1-	4ACSR	0	0	1482	323	9	0	0	0.00	1.11	0
CO20863+	CO20857	3.16	6 1-	4ACSR	0	0	1522	325	7	0	0	0.00	1.11	0
CO20879+	CO20863	3.30	6 1-	4ACSR	0	0	1471	323	7	0	0	0.00	1.11	0
CO20880+	CO20879	3.53	5 1-	4ACSR	0	0	1395	318	7	0	0	0.00	1.12	0
CO20881+	CO20880	3.82	4 1-	4ACSR	0	0	1309	313	7	0	0	0.00	1.12	0
CO20862+	CO20881	4.38	4 1-	4ACSR	0	0	1161	303	7	0	0	0.00	1.12	0
CO20861+	CO20862	4.52	2 1-	4ACSR	0	0	1129	300	0	0	0	0.00	1.12	0
CO20860+	CO20861	4.72	2 1-	4ACSR	0	0	1086	297	0	0	0	0.00	1.12	0
CO20859+	CO20860	4.81	2 1-	4ACSR	0	0	1066	295	0	0	0	0.00	1.12	0
CO20858+	CO20859	5.00	2 1-	4ACSR	0	0	1029	292	0	0	0	0.00	1.12	0
CO1683157458+	CO741679137	2.00	0 1-	2ACSR	0	0	1921	343	0	0	0	0.00	0.85	0
CO20414+	CO20413	0.01	93 3-	750 MCM - 42 wi	2530	2711	2720	354	578	12	1	0.00	0.00	0
Salt Lick+	CO20414	0.01	93 3-	560 200WVE	2530	2711	2720	354	578	12	2	0.00	0.00	0
CO20366+	Salt Lick	0.02	93 3-	4/0ACSR	2528	2708	2717	354	578	12	4	0.00	0.00	0
CO20367+	CO20366	0.03	93 3-	4/0ACSR	2523	2700	2709	353	578	12	4	0.00	0.01	0
CO20357+	CO20367	0.05	93 3-	4/0ACSR	2518	2690	2699	353	578	12	4	0.00	0.01	0
CO20335+	CO20357	0.36	92 3-	4/0ACSR	2408	2512	2516	351	576	12	4	0.02	0.03	15
CO20334+	CO20335	0.54	92 3-	4/0ACSR	2353	2428	2427	350	576	12	4	0.01	0.04	8
CO20333+	CO20334	0.78	92 3-	4/0ACSR	2277	2318	2308	349	576	12	4	0.02	0.05	12
CO20268+	CO20333	0.88	1 1-	2ACSR	0	0	2253	347	9	0	0	0.00	0.05	0
CO20336+	CO20333	0.95	87 3-	1/0ACSR	2218	2236	2219	347	537	12	5	0.02	0.07	14
CO20337+	CO20336	1.05	86 3-	1/0ACSR	2187	2193	2172	346	534	12	5	0.01	0.08	8
CO20242+	CO20337	1.11	82 3-	1/0ACSR	2166	2165	2142	345	509	11	5	0.01	0.09	5
CO20260+	CO20242	1.21	0 1-	4ACSR	0	0	2086	343	0	0	0	0.00	0.09	0
CO20340+	CO20242	1.15	82 3-	1/0ACSR	2154	2151	2125	345	509	11	5	0.00	0.09	3
CO20341+	CO20340	1.17	82 3-	1/0ACSR	2147	2141	2115	345	509	11	5	0.00	0.09	0
CO20342+	CO20341	1.33	81 3-	1/0ACSR	2095	2075	2041	343	507	11	5	0.02	0.11	12
CO20418+	CO20342	1.34	2 1-	4ACSR	0	0	2037	343	1	0	0	0.00	0.11	0
OC612+	CO20418	1.34	2 1-	10 N FUSE	0	0	2037	343	1	0	0	0.00	0.11	0
CO20419+	OC612	1.70	2 1-	4ACSR	0	0	1849	335	1	0	0	0.00	0.11	0
CO20237+	CO20419	1.78	2 1-	4ACSR	0	0	1809	333	1	0	0	0.00	0.11	0
CO20351+	CO20237	1.88	0 1-	4ACSR	0	0	1758	331	0	0	0	0.00	0.11	0
CO20352+	CO20351	2.19	0 1-	4ACSR	0	0	1620	325	0	0	0	0.00	0.11	0
CO20353+	CO20352	2.38	0 1-	4ACSR	0	0	1543	321	0	0	0	0.00	0.11	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20354+	CO20353	2.62	0 1-	4ACSR	0	0	1452	317	0	0	0	0.00	0.11	0
CO20355+	CO20354	2.74	0 1-	4ACSR	0	0	1412	315	0	0	0	0.00	0.11	0
CO20356+	CO20355	3.06	0 1-	4ACSR	0	0	1307	309	0	0	0	0.00	0.11	0
CO20349+	CO20237	1.85	2 1-	4ACSR	0	0	1772	332	1	0	0	0.00	0.11	0
CO20256+	CO20349	1.91	1 1-	4ACSR	0	0	1746	331	0	0	0	0.00	0.11	0
CO20350+	CO20349	1.93	1 1-	4ACSR	0	0	1736	330	1	0	0	0.00	0.11	0
CO20343+	CO20342	1.43	78 3-	1/0ACSR	2065	2038	1999	342	503	11	5	0.01	0.12	7
CO20344+	CO20343	1.48	77 3-	1/0ACSR	2050	2019	1977	341	503	11	5	0.00	0.12	4
CO20345+	CO20344	1.63	76 3-	1/0ACSR	2007	1968	1919	340	493	11	5	0.01	0.14	10
CO23749+	CO20345	1.72	71 3-	1/0ACSR	1980	1935	1883	339	459	10	4	0.01	0.15	6
CO30539+	CO23749	1.75	67 3-	1/0ACSR	1973	1926	1873	339	426	9	4	0.00	0.15	0
CO20005+	CO30539	1.78	59 3-	1/0ACSR	1964	1917	1862	338	357	8	3	0.00	0.15	0
CO20070+	CO20005	1.79	59 3-	1/0ACSR	1961	1914	1857	338	357	8	3	0.00	0.15	0
CO20093+	CO20070	1.87	55 3-	1/0ACSR	1939	1889	1828	337	330	7	3	0.01	0.16	2
CO20053+	CO20093	1.89	54 3-	1/0ACSR	1933	1883	1821	337	321	7	3	0.00	0.16	0
CO20051+	CO20053	1.91	45 3-	1/0ACSR	1928	1877	1814	337	273	6	3	0.00	0.16	0
CO20052+	CO20051	1.94	44 3-	1/0ACSR	1920	1868	1804	337	260	5	3	0.00	0.16	0
CO19954+	CO20052	2.01	40 3-	1/0ACSR	1901	1847	1779	336	236	5	2	0.00	0.16	0
CO20028+	CO19954	2.11	1 1-	4ACSR	0	0	1734	334	1	0	0	0.00	0.16	0
CO20029+	CO20028	2.21	0 1-	4ACSR	0	0	1690	332	0	0	0	0.00	0.16	0
CO19986+	CO19954	2.20	39 3-	1/0ACSR	1854	1795	1718	334	234	5	2	0.01	0.17	3
CO19987+	CO19986	2.26	39 3-	1/0ACSR	1838	1777	1698	333	234	5	2	0.00	0.17	0
CO20049+	CO19987	2.28	39 3-	1/0ACSR	1832	1771	1691	333	234	5	2	0.00	0.18	0
CO20050+	CO20049	2.46	38 3-	1/0ACSR	1788	1723	1636	331	224	5	2	0.01	0.18	2
CO19963+	CO20050	2.56	1 1-	4ACSR	0	0	1599	329	14	0	1	0.00	0.18	0
CO19989+	CO20050	2.62	35 3-	1/0ACSR	1752	1684	1593	330	187	4	2	0.01	0.19	0
CO20045+	CO19989	2.73	33 3-	1/0ACSR	1727	1657	1562	329	178	4	2	0.00	0.19	0
CO20046+	CO20045	2.77	32 3-	1/0ACSR	1718	1647	1551	328	165	3	2	0.00	0.19	0
CO20047+	CO20046	2.82	32 3-	1/0ACSR	1705	1633	1536	328	165	3	2	0.00	0.20	0
CO20048+	CO20047	2.97	31 3-	1/0ACSR	1673	1601	1499	326	156	3	2	0.00	0.20	0
CO20044+	CO20048	2.99	30 3-	1/0ACSR	1668	1596	1493	326	156	3	2	0.00	0.20	0
CO19990+	CO20044	3.07	30 3-	1/0ACSR	1652	1580	1474	325	156	3	2	0.00	0.20	0
CO20098+	CO19990	3.08	4 1-	4ACSR	0	0	1472	325	22	1	1	0.00	0.20	0
OC605+	CO20098	3.08	4 1-	10 N FUSE	0	0	1472	325	22	1	15	0.00	0.20	0
CO20099+	OC605	3.14	4 1-	4ACSR	0	0	1450	324	22	1	1	0.00	0.20	0
CO-602532890+	CO20099	3.21	1 1-	2ACSR	0	0	1432	323	9	0	0	0.00	0.21	0
CO19985+	CO20099	3.18	1 1-	2ACSR	0	0	1440	323	9	0	0	0.00	0.21	0
CO20088+	CO20099	3.24	2 1-	4ACSR	0	0	1419	322	4	0	0	0.00	0.21	0
CO20030+	CO20088	3.47	0 1-	4ACSR	0	0	1350	318	0	0	0	0.00	0.21	0
CO20031+	CO20030	3.54	0 1-	4ACSR	0	0	1328	316	0	0	0	0.00	0.21	0
CO19991+	CO20088	3.53	1 1-	4ACSR	0	0	1333	317	4	0	0	0.00	0.21	0
CO19992+	CO19991	3.60	1 1-	4ACSR	0	0	1312	315	4	0	0	0.00	0.21	0
CO19993+	CO19992	3.75	1 1-	4ACSR	0	0	1270	312	4	0	0	0.00	0.21	0
CO19994+	CO19993	3.79	1 1-	4ACSR	0	0	1259	311	4	0	0	0.00	0.21	0
CO19984+	CO20088	3.35	1 1-	2ACSR	0	0	1390	320	0	0	0	0.00	0.21	0
CO20042+	CO19990	3.18	24 3-	1/0ACSR	1630	1557	1449	324	112	2	1	0.00	0.20	0
CO20043+	CO20042	3.22	23 3-	1/0ACSR	1622	1549	1439	324	98	2	1	0.00	0.21	0
CO20041+	CO20043	3.32	21 3-	1/0ACSR	1602	1528	1416	323	89	2	1	0.00	0.21	0
CO19983+	CO20041	3.36	3 1-	2ACSR	0	0	1407	322	11	0	0	0.00	0.21	0
CO1726625455+	CO19983	3.38	1 1-	2ACSR	0	0	1400	322	0	0	0	0.00	0.21	0
CO19964+	CO20041	3.45	2 1-	4ACSR	0	0	1376	320	6	0	0	0.00	0.21	0
CO20003+	CO20041	3.45	15 3-	1/0ACSR	1577	1503	1388	322	69	1	1	0.00	0.21	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20004+	CO20003	3.54	14 3-	1/0ACSR	1560	1486	1370	321	62	1	1	0.00	0.21	0
CO20096+	CO20004	3.54	8 1-	4ACSR	0	0	1368	321	22	1	1	0.00	0.21	0
OC604+	CO20096	3.54	8 1-	10 N FUSE	0	0	1368	321	22	1	15	0.00	0.21	0
CO20097+	OC604	3.74	8 1-	4ACSR	0	0	1310	317	22	1	1	0.01	0.22	0
CO19995+	CO20097	3.97	6 1-	4ACSR	0	0	1250	313	17	1	1	0.01	0.22	0
CO20065+	CO19995	4.00	6 1-	4ACSR	0	0	1242	312	17	1	1	0.00	0.22	0
CO20066+	CO20065	4.08	5 1-	4ACSR	0	0	1221	310	17	1	1	0.00	0.23	0
CO19996+	CO20066	4.16	4 1-	4ACSR	0	0	1203	309	15	1	1	0.00	0.23	0
CO20063+	CO19996	4.19	3 1-	4ACSR	0	0	1195	308	12	0	1	0.00	0.23	0
CO20064+	CO20063	4.46	2 1-	4ACSR	0	0	1133	304	5	0	0	0.00	0.23	0
CO19997+	CO20064	4.51	1 1-	4ACSR	0	0	1123	303	1	0	0	0.00	0.23	0
CO19998+	CO19997	4.56	1 1-	4ACSR	0	0	1112	302	1	0	0	0.00	0.23	0
CO19967+	CO20066	4.17	1 1-	4ACSR	0	0	1201	309	1	0	0	0.00	0.23	0
CO19966+	CO20097	3.83	2 1-	4ACSR	0	0	1287	315	5	0	0	0.00	0.22	0
CO20068+	CO20004	3.65	2 3-	1/0ACSR	1540	1466	1347	320	2	0	0	0.00	0.21	0
CO20069+	CO20068	3.75	1 3-	1/0ACSR	1522	1448	1327	319	1	0	0	0.00	0.21	0
OC1244288645+	CO20069	3.75	0 3-	15 N FUSE	1522	1448	1327	319	0	0	0	0.00	0.21	0
CO19965+	CO20004	3.57	1 1-	4ACSR	0	0	1359	320	12	0	1	0.00	0.21	0
CO20032+	CO20004	3.65	3 1-	4ACSR	0	0	1337	319	27	1	1	0.00	0.21	0
CO855587938+	CO20032	3.67	1 1-	2ACSR	0	0	1332	318	18	1	1	0.00	0.21	0
CO-1992946025+	CO855587938	3.70	0 1-	2ACSR	0	0	1325	318	0	0	0	0.00	0.21	0
CO191351523+	CO855587938	3.76	1 1-	2ACSR	0	0	1312	317	18	1	1	0.00	0.21	0
CO20100+	CO20050	2.47	0 1-	4ACSR	0	0	1633	331	0	0	0	0.00	0.18	0
OC606+	CO20100	2.47	0 1-	10 N FUSE	0	0	1633	331	0	0	0	0.00	0.18	0
CO20101+	OC606	2.71	0 1-	4ACSR	0	0	1544	326	0	0	0	0.00	0.18	0
CO19988+	CO20101	2.93	0 1-	4ACSR	0	0	1463	322	0	0	0	0.00	0.18	0
CO19962+	CO19987	2.35	0 1-	4ACSR	0	0	1659	331	0	0	0	0.00	0.17	0
CO20082+	CO20052	2.04	1 1-	4ACSR	0	0	1760	335	1	0	0	0.00	0.16	0
CO20081+	CO20052	2.00	1 1-	4ACSR	0	0	1775	335	16	1	1	0.00	0.16	0
CO20054+	CO20053	1.96	3 1-	4ACSR	0	0	1788	336	32	2	2	0.00	0.16	0
CO20055+	CO20054	1.98	2 1-	4ACSR	0	0	1781	335	24	1	1	0.00	0.16	0
CO1658857665+	CO20055	1.99	1 1-	4ACSR	0	0	1775	335	8	0	0	0.00	0.16	0
CO19955+	CO20053	1.95	6 1-	4ACSR	0	0	1794	336	15	1	1	0.00	0.16	0
CO20092+	CO19955	2.07	1 1-	4ACSR	0	0	1740	333	5	0	0	0.00	0.16	0
CO20086+	CO20092	2.13	0 1-	4ACSR	0	0	1713	332	0	0	0	0.00	0.16	0
CO20087+	CO20086	2.22	0 1-	4ACSR	0	0	1672	330	0	0	0	0.00	0.16	0
CO19974+	CO20086	2.22	0 1-	4ACSR	0	0	1672	330	0	0	0	0.00	0.16	0
CO20091+	CO19955	2.07	4 1-	4ACSR	0	0	1740	333	7	0	0	0.00	0.16	0
CO19973+	CO20091	2.12	1 1-	4ACSR	0	0	1718	332	0	0	0	0.00	0.16	0
CO19982+	CO20091	2.10	2 1-	4ACSR	0	0	1724	333	7	0	0	0.00	0.16	0
CO19981+	CO20091	2.12	1 1-	4ACSR	0	0	1719	332	0	0	0	0.00	0.16	0
CO20040+	CO30539	1.82	6 1-	4ACSR	0	0	1840	337	64	4	3	0.01	0.15	0
CO20085+	CO20040	1.85	6 1-	4ACSR	0	0	1825	337	64	4	3	0.00	0.16	0
CO20027+	CO20085	1.87	4 1-	4ACSR	0	0	1816	336	38	2	2	0.00	0.16	0
CO23747+	CO20027	1.94	2 1-	4ACSR	0	0	1780	335	27	1	1	0.00	0.16	0
CO20347+	CO23747	2.00	2 1-	4ACSR	0	0	1754	333	27	1	1	0.00	0.16	0
CO20348+	CO20347	2.03	1 1-	4ACSR	0	0	1741	333	15	1	1	0.00	0.16	0
CO20346+	CO20348	2.05	1 1-	4ACSR	0	0	1733	332	15	1	1	0.00	0.16	0
CO23746+	CO20085	1.96	1 1-	4ACSR	0	0	1772	334	15	0	1	0.00	0.16	0
CO23748+	CO23749	1.80	2 1- 750 MCM -	42 Wi	0	0	1866	339	21	1	0	0.00	0.15	0
CO20261+	CO20345	1.71	2 1-	4ACSR	0	0	1881	338	15	1	1	0.00	0.14	0
CO20266+	CO20337	1.08	1 1-	2ACSR	0	0	2154	345	11	0	0	0.00	0.08	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20338+	CO20337	1.12	3 1-	4ACSR	0	0	2127	344	14	0	1	0.00	0.08	0
CO20339+	CO20338	1.22	1 1-	4ACSR	0	0	2071	342	10	0	0	0.00	0.08	0
CO20331+	CO20333	0.91	4 3-	4/0ACSR	2238	2264	2248	348	30	0	0	0.00	0.05	0
CO20332+	CO20331	1.07	2 3-	4/0ACSR	2194	2205	2182	347	16	0	0	0.00	0.05	0
CO20330+	CO20332	1.18	0 3-	4/0ACSR	2163	2165	2138	346	0	0	0	0.00	0.05	0
SW620-B+	CO20330	1.18	0 1-	Open	0	0	2138	346	0	0	0	0.00	0.05	0
SUB	0 total losses:	\$97,502												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
SUB	0 HILDA 1		2390		6836	7275	7401	180	23972						
	CO448	HILDA 1	0.00	2390 3-	750 MCM - 42 Wi	6822	7251	7374	180	23972	1082	93	0.01	0.01	227
	CO449	CO448	0.01	2390 3-	750 MCM - 42 Wi	6808	7227	7348	180	23971	1082	93	0.01	0.03	227
	CO455	CO449	0.02	680 3-	750 MCM - 42 Wi	6769	7164	7278	180	5131	231	20	0.01	0.04	28
	Cranston	CO455	0.02	680 3-	560 200WVE	6769	7164	7278	180	5131	231	41	0.00	0.04	0
	CO490	Cranston	0.05	680 3-	4/0ACSR	6625	6926	7031	180	5131	231	68	0.07	0.10	440
	CO724	CO490	0.06	680 3-	4/0ACSR	6578	6850	6951	180	5129	231	68	0.02	0.12	148
	CO725	CO724	0.10	680 3-	4/0ACSR	6353	6506	6582	179	5129	231	68	0.11	0.23	726
	CO593	CO725	0.16	1 1-	4ACSR	0	0	5975	179	8	1	1	0.00	0.24	0
OC-1156178288	CO593	CO593	0.16	1 1-	20 N FUSE	0	0	5975	179	8	1	6	0.00	0.24	0
	CO594	OC-1156178288	0.17	1 1-	4ACSR	0	0	5883	179	8	1	1	0.00	0.24	0
	CO348	CO725	0.12	676 3-	4/0ACSR	6288	6412	6478	179	5075	229	68	0.03	0.27	216
	CO347	CO348	0.17	675 3-	4/0ACSR	6052	6081	6108	179	5074	229	68	0.13	0.39	822
	CO793	CO347	0.23	672 3-	4/0ACSR	5803	5787	5736	179	5063	229	67	0.14	0.53	921
	CO794	CO793	0.25	668 3-	4/0ACSR	5747	5721	5654	179	5029	228	67	0.03	0.57	218
	CO395	CO794	0.29	2 1-	4ACSR	0	0	5278	178	3	0	0	0.00	0.57	0
OC-724481726	CO395	CO395	0.29	0 1-	20 N FUSE	0	0	5278	178	0	0	0	0.00	0.57	0
	CO489	CO794	0.30	666 3-	4/0ACSR	5563	5507	5390	179	5025	227	67	0.11	0.68	739
	CO427	CO489	0.36	1 3-	2ACSR	5268	5170	4981	178	52	2	1	0.00	0.68	0
OC141152002	CO427	CO427	0.36	0 3-	20 N FUSE	5268	5170	4981	178	0	0	0	0.00	0.68	0
	CO488	CO489	0.39	665 3-	4/0ACSR	5247	5146	4956	179	4969	225	66	0.21	0.89	1348
	CO394	CO488	0.46	2 1-	4ACSR	0	0	4540	178	19	2	2	0.01	0.89	0
OC-1814345038	CO394	CO394	0.46	1 1-	20 N FUSE	0	0	4540	178	11	1	7	0.00	0.89	0
	CO393	OC-1814345038	0.52	1 1-	1/0PRIURD	0	0	4324	461	11	1	1	0.00	0.89	0
	CO392	CO488	0.43	1 1-	4ACSR	0	0	4710	178	18	2	2	0.00	0.89	0
OC-394236096	CO392	CO392	0.43	0 1-	20 N FUSE	0	0	4710	178	0	0	0	0.00	0.89	0
	CO346	CO488	0.44	659 3-	4/0ACSR	5077	4955	4732	178	4900	222	65	0.12	1.01	771
	CO722	CO346	0.56	648 3-	4/0ACSR	4750	4594	4317	178	4822	219	64	0.25	1.26	1581
	CO723	CO722	0.61	647 3-	4/0ACSR	4619	4451	4156	178	4807	218	64	0.11	1.37	694
	CO721	CO723	0.65	646 3-	4/0ACSR	4511	4335	4027	178	4790	218	64	0.09	1.46	593
	CO391	CO721	0.73	1 1-	4ACSR	0	0	3699	177	6	0	1	0.00	1.46	0
OC799341024	CO391	CO391	0.73	0 1-	20 N FUSE	0	0	3699	177	0	0	0	0.00	1.46	0
	CO345	CO721	0.77	644 3-	4/0ACSR	4230	4036	3699	178	4771	217	64	0.27	1.73	1675
	CO363	CO345	0.85	1 3-	2ACSR	4013	3802	3458	177	38	1	1	0.00	1.73	0
	CO344	CO345	0.86	643 3-	4/0ACSR	4054	3851	3502	177	4726	215	63	0.18	1.91	1142
	CO364	CO344	0.97	2 3-	2ACSR	3757	3534	3183	176	7	0	0	0.00	1.91	0
OC-600826234	CO364	CO364	0.97	0 3-	20 N FUSE	3757	3534	3183	176	0	0	0	0.00	1.91	0
	CO338	CO344	0.97	641 3-	4/0ACSR	3850	3638	3277	177	4713	215	63	0.23	2.14	1454
FD-478552422	CO338	CO338	0.97	604 3-	_DefaultBayEqui	3850	3638	3277	177	4295	196	0	0.00	2.14	0
	CO357	FD-478552422	1.23	604 3-	4/0ACSR	3426	3206	2834	176	4295	196	58	0.51	2.65	2947
OC-478552422	CO357	CO357	1.23	602 3-	20 N FUSE	3426	3206	2834	176	4259	195	978	0.00	2.65	0
	CO356	OC-478552422	1.26	602 3-	4/0ACSR	3386	3166	2794	176	4259	195	58	0.05	2.71	312
	CO409	CO356	1.31	1 1-	4ACSR	0	0	2686	176	16	2	2	0.00	2.71	0
OC314634701	CO409	CO409	1.31	0 1-	20 N FUSE	0	0	2686	176	0	0	0	0.00	2.71	0
	CO355	CO356	1.32	600 3-	4/0ACSR	3309	3088	2716	176	4235	194	57	0.11	2.82	616
	CO600	CO355	1.40	2 1-	4ACSR	0	0	2536	175	22	3	2	0.01	2.82	0
OC209733602	CO600	CO600	1.40	1 1-	20 N FUSE	0	0	2536	175	6	0	4	0.00	2.82	0
	CO598	OC209733602	1.44	1 1-	4ACSR	0	0	2462	175	6	0	1	0.00	2.82	0
	CO599	CO598	1.49	1 1-	4ACSR	0	0	2373	174	6	0	1	0.00	2.83	0
	CO354	CO355	1.40	597 3-	4/0ACSR	3199	2984	2607	176	4196	192	57	0.16	2.98	911
	CO719	CO354	1.43	43 1-	6ACWC	0	0	2563	176	303	41	30	0.04	3.02	20

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-636326968	CO719	1.43	41 1-	20 N FUSE	0	0	2563	176	299	41	207	0.00	3.02	0
	CO720	OC-636326968	1.47	41 1-	6ACWC	0	0	2477	299	41	30	0.08	3.10	39
	CO504	CO720	1.49	39 1-	6ACWC	0	0	2442	289	40	29	0.03	3.13	16
	CO662	CO504	1.57	16 1-	1/0PRIURD	0	0	2341	152	21	14	0.04	3.17	8
OC32745110	CO662	1.57	14 1-	20 N FUSE	0	0	2341	439	128	17	89	0.00	3.17	0
	CO663	OC32745110	1.62	14 1-	1/0PRIURD	0	0	2293	128	17	12	0.02	3.19	3
	CO664	CO663	1.67	13 1-	1/0PRIURD	0	0	2238	118	16	11	0.02	3.20	2
	CO665	CO664	1.78	10 1-	1/0PRIURD	0	0	2129	84	11	8	0.02	3.23	3
	CO659	CO665	1.84	8 1-	1/0PRIURD	0	0	2073	62	8	6	0.01	3.24	0
	CO660	CO659	1.91	6 1-	1/0PRIURD	0	0	2011	49	6	5	0.01	3.24	0
	CO661	CO660	2.00	3 1-	1/0PRIURD	0	0	1932	18	2	2	0.00	3.25	0
	CO638	CO504	1.54	23 1-	6ACWC	0	0	2353	137	18	14	0.04	3.18	9
	CO658	CO638	1.56	4 1-	1/0PRIURD	0	0	2329	31	4	3	0.00	3.18	0
	CO639	CO638	1.58	19 1-	6ACWC	0	0	2275	105	14	10	0.03	3.20	4
OC-959051901	CO639	1.58	15 1-	20 N FUSE	0	0	2275	174	84	11	58	0.00	3.20	0
	CO408	OC-959051901	1.66	1 1-	4ACSR	0	0	2160	13	1	1	0.00	3.20	0
	CO501	OC-959051901	1.62	14 1-	6ACWC	0	0	2213	71	9	7	0.02	3.22	0
	CO503	CO501	1.67	14 1-	6ACWC	0	0	2137	71	9	7	0.02	3.24	2
	CO430	CO503	1.72	1 1-	2ACSR	0	0	2074	9	1	1	0.00	3.24	0
	CO502	CO503	1.70	12 1-	6ACWC	0	0	2097	58	8	6	0.01	3.25	0
	CO407	CO502	1.76	1 1-	4ACSR	0	0	2008	5	0	1	0.00	3.25	0
	CO353	CO502	1.75	11 1-	6ACWC	0	0	2029	53	7	5	0.01	3.26	0
	CO406	CO353	1.80	2 1-	4ACSR	0	0	1951	12	1	1	0.00	3.27	0
	CO640	CO353	1.87	8 1-	4ACSR	0	0	1868	33	4	3	0.03	3.29	0
	CO666	CO640	1.90	2 1-	1/0PRIURD	0	0	1840	12	1	1	0.00	3.29	0
	CO641	CO640	1.91	6 1-	4ACSR	0	0	1821	20	2	2	0.00	3.29	0
OC-1061962837	CO641	1.91	4 1-	20 N FUSE	0	0	1821	170	18	2	13	0.00	3.29	0
	CO405	OC-1061962837	1.98	2 1-	4ACSR	0	0	1737	6	0	1	0.00	3.30	0
OC2022130701	CO405	1.98	0 1-	20 N FUSE	0	0	1737	170	0	0	0	0.00	3.30	0
	CO404	OC-1061962837	1.95	2 1-	1/0PRIURD	0	0	1791	12	1	1	0.00	3.30	0
	CO8197	CO354	1.65	547 3-	4/0ACSR	2919	2717	2336	3867	177	52	0.43	3.40	2239
	CO825	CO8197	1.74	540 3-	4/0ACSR	2833	2635	2255	3822	176	52	0.15	3.55	761
	CO853	CO825	1.94	2 1-	4ACSR	0	0	1962	13	1	1	0.01	3.55	0
OC-1899302460	CO853	1.94	0 1-	20 N FUSE	0	0	1962	173	0	0	0	0.00	3.55	0
	CO1146	CO825	1.75	538 3-	4/0ACSR	2814	2618	2237	3806	175	52	0.03	3.58	168
	CO1147	CO1146	1.84	538 3-	4/0ACSR	2734	2542	2163	3805	175	52	0.14	3.72	756
	CO824	CO1147	1.95	533 3-	4/0ACSR	2634	2448	2071	3780	174	51	0.19	3.91	997
	CO1139	CO824	2.06	3 1-	4ACSR	0	0	1933	30	4	3	0.02	3.94	0
OC1482179596	CO1139	2.06	3 1-	20 N FUSE	0	0	1933	173	30	4	21	0.00	3.94	0
	CO855	OC1482179596	2.09	2 1-	4ACSR	0	0	1899	15	2	2	0.00	3.94	0
	CO1140	OC1482179596	2.12	1 1-	4ACSR	0	0	1862	15	2	2	0.01	3.94	0
	CO1141	CO1140	2.17	1 1-	4ACSR	0	0	1810	15	2	2	0.00	3.94	0
	CO1137	CO824	2.05	530 3-	4/0ACSR	2557	2376	2001	3745	173	51	0.15	4.07	797
	CO1138	CO1137	2.08	530 3-	4/0ACSR	2534	2354	1980	3741	173	51	0.05	4.12	256
	CO856	CO1138	2.11	1 1-	4ACSR	0	0	1935	2	0	0	0.00	4.12	0
	CO852	CO1138	2.21	1 2-	4ACSR	0	2200	1831	0	0	0	0.00	4.12	0
	CO828	CO1138	2.15	524 3-	4/0ACSR	2479	2302	1931	3707	171	50	0.12	4.23	602
	CO865	CO828	2.35	1 1-	4ACSR	0	0	1720	13	1	1	0.01	4.24	0
OC1716893262	CO865	2.35	0 1-	20 N FUSE	0	0	1720	172	0	0	0	0.00	4.24	0
	CO1165	CO828	2.15	29 1-	6ACWC	0	0	1923	170	23	17	0.01	4.24	0
	OC34	CO1165	2.15	29 1-	70 L OCR	0	0	1923	170	23	34	0.00	4.24	0
	CO1166	OC34	2.27	29 1-	6ACWC	0	0	1802	170	23	17	0.11	4.35	29

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO887	CO1166	2.31	1 1-	4ACSR	0	0	1754	172	5	0	1	0.00	4.35	0
CO841	CO1166	2.34	25 1-	4ACSR	0	0	1724	172	138	19	14	0.06	4.42	14
CO864	CO841	2.38	1 1-	4ACSR	0	0	1688	171	5	0	1	0.00	4.42	0
CO863	CO841	2.38	1 1-	4ACSR	0	0	1683	171	10	1	1	0.00	4.42	0
CO1119	CO841	2.36	20 1-	6ACWC	0	0	1703	171	105	14	11	0.01	4.43	2
CO1120	CO1119	2.40	19 1-	6ACWC	0	0	1672	171	96	13	10	0.02	4.45	3
CO1121	CO1120	2.41	17 1-	6ACWC	0	0	1660	171	86	12	9	0.01	4.46	0
CO829	CO1121	2.42	14 1-	6ACWC	0	0	1647	171	58	8	6	0.00	4.46	0
CO1127	CO829	2.45	12 1-	6ACWC	0	0	1622	170	49	6	5	0.01	4.47	0
CO1128	CO1127	2.48	12 1-	6ACWC	0	0	1601	170	49	6	5	0.01	4.48	0
CO851	CO1128	2.56	9 1-	6ACWC	0	0	1534	169	30	4	3	0.02	4.49	0
CO830	CO851	2.82	7 1-	6ACWC	0	0	1344	167	22	3	2	0.04	4.53	0
CO862	CO830	2.90	1 1-	4ACSR	0	0	1296	166	1	0	0	0.00	4.53	0
CO831	CO830	2.98	6 1-	6ACWC	0	0	1251	165	21	2	2	0.02	4.55	0
CO1161	CO831	3.01	5 1-	4ACSR	0	0	1231	165	14	2	1	0.00	4.55	0
CO861	CO1161	3.04	1 1-	4ACSR	0	0	1216	165	7	0	1	0.00	4.55	0
CO1162	CO1161	3.10	4 1-	4ACSR	0	0	1182	164	8	1	1	0.00	4.56	0
CO1133	CO1162	3.17	2 1-	4ACSR	0	0	1149	163	5	0	0	0.00	4.56	0
CO1134	CO1133	3.25	1 1-	4ACSR	0	0	1112	163	0	0	0	0.00	4.56	0
CO888	CO831	3.02	1 1-	4ACSR	0	0	1225	165	7	0	1	0.00	4.55	0
CO1131	CO851	2.62	2 1-	4ACSR	0	0	1482	169	8	1	1	0.00	4.49	0
CO1132	CO1131	2.66	1 1-	4ACSR	0	0	1453	168	3	0	0	0.00	4.50	0
CO1129	CO1128	2.50	1 1-	4ACSR	0	0	1581	170	9	1	1	0.00	4.48	0
CO1130	CO1129	2.53	1 1-	4ACSR	0	0	1557	170	9	1	1	0.00	4.48	0
CO1122	CO829	2.44	1 1-	4ACSR	0	0	1630	171	4	0	0	0.00	4.46	0
CO1123	CO1122	2.51	1 1-	4ACSR	0	0	1571	170	4	0	0	0.00	4.46	0
CO1125	CO1121	2.43	3 1-	4ACSR	0	0	1643	171	28	3	3	0.00	4.46	0
CO1126	CO1125	2.55	2 1-	4ACSR	0	0	1537	169	16	2	2	0.01	4.47	0
CO1124	CO1126	2.61	2 1-	4ACSR	0	0	1492	169	16	2	2	0.00	4.47	0
CO1117	CO828	2.27	494 3-	4/0ACSR	2390	2220	1852	173	3520	163	48	0.19	4.42	929
CO1118	CO1117	2.43	494 3-	4/0ACSR	2285	2121	1759	173	3516	163	48	0.24	4.67	1198
CO1167	CO1118	2.43	492 3-	4/0ACSR	2281	2117	1756	173	3475	161	47	0.01	4.68	50
OC38	CO1167	2.43	492 3-	100 L OCR	2281	2117	1756	173	3475	161	161	0.00	4.68	0
CO1168	OC38	2.55	492 3-	4/0ACSR	2209	2050	1693	173	3475	161	47	0.18	4.85	873
CO866	CO1168	2.65	1 1-	4ACSR	0	0	1603	171	6	0	1	0.00	4.86	0
OC221976805	CO866	2.65	0 1-	20 N FUSE	0	0	1603	171	0	0	0	0.00	4.86	0
CO1113	CO1168	2.69	1 1-	4ACSR	0	0	1572	171	11	1	1	0.00	4.86	0
OC1547450788	CO1113	2.69	0 1-	20 N FUSE	0	0	1572	171	0	0	0	0.00	4.86	0
CO1112	CO1168	2.77	490 3-	4/0ACSR	2085	1934	1586	172	3455	160	47	0.33	5.19	1622
CO1111	CO1112	2.83	488 3-	4/0ACSR	2050	1902	1557	172	3444	160	47	0.10	5.29	485
CO889	CO1111	2.94	2 1-	4ACSR	0	0	1481	171	22	3	2	0.01	5.29	0
OC1950869621	CO889	2.94	0 1-	20 N FUSE	0	0	1481	171	0	0	0	0.00	5.29	0
CO843	CO1111	2.86	486 3-	4/0ACSR	2038	1891	1547	172	3420	159	47	0.04	5.32	173
CO890	CO843	2.93	1 1-	4ACSR	0	0	1491	171	4	0	0	0.00	5.32	0
OC-45263586	CO890	2.93	0 1-	20 N FUSE	0	0	1491	171	0	0	0	0.00	5.32	0
CO846	CO843	3.04	485 3-	4/0ACSR	1950	1809	1472	171	3416	159	47	0.27	5.59	1313
CO895	CO846	3.08	2 1-	4ACSR	0	0	1440	171	24	3	2	0.00	5.59	0
OC-729464184	CO895	3.08	0 1-	20 N FUSE	0	0	1440	171	0	0	0	0.00	5.59	0
OC-894588595	CO846	3.10	1 1-	2ACSR	0	0	1439	171	6	0	0	0.00	5.59	0
OC356154431	CO-894588595	3.10	0 1-	20 N FUSE	0	0	1439	171	0	0	0	0.00	5.59	0
CO203002818	CO846	3.07	482 3-	2ACSR	1927	1788	1453	171	3379	157	88	0.13	5.72	753
CO-327846481	CO203002818	3.09	477 3-	2ACSR	1912	1775	1442	171	3357	157	87	0.09	5.81	485

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO1108	CO-327846481	3.12	477 3-	4/0ACSR	1898	1762	1430	171	3355	157	46	0.05	5.86	224
CO1109	CO1108	3.15	476 3-	4/0ACSR	1884	1749	1418	171	3347	156	46	0.05	5.90	225
CO1110	CO1109	3.19	475 3-	4/0ACSR	1867	1734	1404	171	3342	156	46	0.06	5.96	267
CO896	CO1110	3.26	1 1-	4ACSR	0	0	1364	170	12	1	1	0.00	5.96	0
OC-1981118656	CO896	3.26	0 1-	20 N FUSE	0	0	1364	170	0	0	0	0.00	5.96	0
CO1169	CO1110	3.20	47 1-	4ACSR	0	0	1400	170	363	51	37	0.02	5.97	9
OC33	CO1169	3.20	47 1-	50 H OCR	0	0	1400	170	363	51	103	0.00	5.97	0
CO1170	OC33	3.38	47 1-	4ACSR	0	0	1293	169	363	51	37	0.43	6.40	256
CO1067	CO1170	3.57	46 1-	4ACSR	0	0	1195	167	353	50	36	0.43	6.83	256
CO1086	CO1067	3.67	23 1-	4ACSR	0	0	1146	166	189	27	19	0.13	6.96	39
CO1088	CO1086	3.73	3 1-	4ACSR	0	0	1120	165	15	2	2	0.00	6.96	0
CO1087	CO1088	3.81	1 1-	4ACSR	0	0	1088	164	4	0	0	0.00	6.96	0
CO1089	CO1086	3.71	19 1-	4ACSR	0	0	1131	165	163	23	17	0.03	6.99	9
CO1090	CO1089	3.75	18 1-	4ACSR	0	0	1110	165	158	22	16	0.05	7.04	13
CO1091	CO1090	3.84	17 1-	4ACSR	0	0	1073	164	156	22	16	0.09	7.13	24
CO1093	CO1091	3.94	2 1-	4ACSR	0	0	1035	163	24	3	3	0.02	7.15	0
CO1094	CO1093	4.07	1 1-	4ACSR	0	0	986	162	24	3	2	0.01	7.16	0
CO1092	CO1091	3.87	15 1-	4ACSR	0	0	1061	164	131	18	13	0.03	7.16	6
CO1095	CO1092	3.94	15 1-	4ACSR	0	0	1035	163	131	18	13	0.05	7.21	12
CO1096	CO1095	3.98	13 1-	4ACSR	0	0	1018	162	119	17	12	0.03	7.25	7
CO1097	CO1096	4.08	11 1-	4ACSR	0	0	982	162	113	16	12	0.07	7.32	12
CO1098	CO1097	4.10	10 1-	4ACSR	0	0	975	161	99	14	10	0.01	7.33	2
CO867	CO1098	4.16	0 1-	4ACSR	0	0	956	161	0	0	0	0.00	7.33	0
CO1099	CO1098	4.13	10 1-	4ACSR	0	0	968	161	99	14	10	0.01	7.34	2
CO1100	CO1099	4.15	8 1-	4ACSR	0	0	959	161	98	14	10	0.02	7.36	3
CO1101	CO1100	4.18	8 1-	4ACSR	0	0	950	161	98	14	10	0.02	7.38	3
OC-2031322905	CO1101	4.18	7 1-	20 N FUSE	0	0	950	161	95	13	69	0.00	7.38	0
CO832	OC-2031322905	4.22	5 1-	4ACSR	0	0	938	160	77	11	8	0.02	7.40	2
CO869	CO832	4.30	2 1-	4ACSR	0	0	911	159	6	0	1	0.00	7.40	0
CO1104	CO832	4.23	3 1-	4ACSR	0	0	932	160	71	10	7	0.01	7.41	0
CO1105	CO1104	4.32	3 1-	4ACSR	0	0	905	159	71	10	7	0.04	7.45	5
CO1106	CO1105	4.34	3 1-	4ACSR	0	0	899	159	71	10	7	0.01	7.45	0
CO8205	CO1106	5.01	2 1-	4ACSR	0	0	735	153	17	2	2	0.07	7.53	0
CO4169	CO8205	5.36	2 1-	4ACSR	0	0	669	150	17	2	2	0.03	7.56	0
CO4170	CO4169	5.41	1 1-	4ACSR	0	0	659	150	12	1	1	0.00	7.56	0
CO4171	CO4170	5.49	1 1-	4ACSR	0	0	647	149	12	1	1	0.01	7.57	0
CO4172	CO4171	5.59	1 1-	4ACSR	0	0	632	148	12	1	1	0.01	7.58	0
CO4173	CO4172	5.78	1 1-	4ACSR	0	0	603	147	12	1	1	0.02	7.59	0
CO4174	CO4173	5.86	1 1-	4ACSR	0	0	592	146	12	1	1	0.01	7.60	0
CO4318	CO4174	5.94	1 1-	4ACSR	0	0	582	145	12	1	1	0.01	7.61	0
CO1028	CO4318	6.00	1 1-	4ACSR	0	0	574	145	12	1	1	0.00	7.61	0
CO1029	CO1028	6.04	1 1-	4ACSR	0	0	569	145	12	1	1	0.00	7.61	0
CO1030	CO1029	6.10	1 1-	4ACSR	0	0	562	144	12	1	1	0.00	7.62	0
CO8203	CO1030	6.16	1 1-	4ACSR	0	0	554	144	12	1	1	0.00	7.62	0
CO1102	OC-2031322905	4.23	2 1-	4ACSR	0	0	932	160	18	2	2	0.01	7.39	0
CO868	CO1102	4.28	1 1-	4ACSR	0	0	917	160	10	1	1	0.00	7.39	0
CO1103	CO1102	4.33	1 1-	4ACSR	0	0	902	159	8	1	1	0.00	7.39	0
CO1070	CO1067	3.67	20 1-	4ACSR	0	0	1149	166	138	19	14	0.08	6.92	19
CO1071	CO1070	3.69	19 1-	4ACSR	0	0	1139	165	126	18	13	0.02	6.94	4
CO1072	CO1071	3.73	17 1-	4ACSR	0	0	1121	165	120	17	12	0.03	6.97	6
CO1073	CO1072	3.76	15 1-	4ACSR	0	0	1108	165	108	15	11	0.02	6.99	4
OC-541356039	CO1073	3.76	15 1-	20 N FUSE	0	0	1108	165	108	15	78	0.00	6.99	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO898	OC-541356039	3.80	1 1-	4ACSR	0	0	1092	164	2	0	0	0.00	6.99	0
CO848	OC-541356039	3.82	14 1-	4ACSR	0	0	1080	164	106	15	11	0.05	7.03	8
CO849	CO848	3.85	12 1-	4ACSR	0	0	1069	164	84	12	9	0.02	7.05	2
CO1074	CO849	3.89	10 1-	4ACSR	0	0	1055	163	65	9	7	0.01	7.06	0
CO1075	CO1074	3.93	9 1-	4ACSR	0	0	1037	163	57	8	6	0.02	7.08	0
CO1076	CO1075	3.95	8 1-	4ACSR	0	0	1030	163	52	7	5	0.01	7.09	0
CO1077	CO1076	4.08	7 1-	4ACSR	0	0	985	162	52	7	5	0.04	7.13	4
CO1078	CO1077	4.16	7 1-	4ACSR	0	0	956	161	52	7	5	0.03	7.15	2
CO1079	CO1078	4.31	6 1-	4ACSR	0	0	908	159	42	6	4	0.04	7.19	2
CO1081	CO1079	4.35	5 1-	4ACSR	0	0	896	159	30	4	3	0.01	7.20	0
CO1082	CO1081	4.46	3 1-	4ACSR	0	0	864	158	16	2	2	0.01	7.21	0
CO1083	CO1082	4.50	2 1-	4ACSR	0	0	854	158	7	0	1	0.00	7.21	0
CO1084	CO1083	4.62	2 1-	4ACSR	0	0	824	157	7	0	1	0.01	7.21	0
CO1085	CO1084	4.78	2 1-	4ACSR	0	0	783	155	7	0	1	0.01	7.22	0
CO8204	CO1085	4.82	2 1-	4ACSR	0	0	774	155	7	0	1	0.00	7.22	0
CO4167	CO8204	5.03	2 1-	4ACSR	0	0	730	153	7	0	1	0.01	7.23	0
CO4168	CO4167	5.13	2 1-	4ACSR	0	0	711	152	7	0	1	0.00	7.24	0
CO4133	CO4168	5.20	1 1-	4ACSR	0	0	697	151	0	0	0	0.00	7.24	0
CO4132	CO4168	5.18	1 1-	4ACSR	0	0	700	152	7	0	1	0.00	7.24	0
CO1080	CO1082	4.54	1 1-	4ACSR	0	0	843	157	9	1	1	0.00	7.21	0
CO899	CO849	3.89	2 1-	4ACSR	0	0	1053	163	19	2	2	0.00	7.05	0
CO900	CO848	3.85	2 1-	4ACSR	0	0	1069	164	22	3	2	0.00	7.04	0
CO904	CO900	3.87	1 1-	4ACSR	0	0	1063	164	10	1	1	0.00	7.04	0
CO1069	CO1067	3.63	3 1-	4ACSR	0	0	1168	166	25	3	3	0.01	6.84	0
CO1068	CO1069	3.65	1 1-	4ACSR	0	0	1154	166	15	2	2	0.00	6.84	0
CO845	CO1110	3.37	426 3-	1/0ACSR	1772	1648	1328	170	2958	138	60	0.42	6.38	1988
CO1065	CO845	3.44	426 3-	1/0ACSR	1739	1618	1302	169	2948	138	60	0.15	6.53	735
CO1066	CO1065	3.58	426 3-	1/0ACSR	1673	1558	1249	169	2945	138	60	0.33	6.86	1572
CO1063	CO1066	3.63	425 3-	1/0ACSR	1650	1537	1231	168	2933	138	60	0.12	6.98	558
CO1064	CO1063	3.68	424 3-	1/0ACSR	1630	1519	1215	168	2926	137	60	0.10	7.08	497
CO1061	CO1064	3.77	7 1-	4/0ACSR	0	0	1193	168	46	6	2	0.01	7.09	0
OC-111155539	CO1061	3.77	6 1-	20 N FUSE	0	0	1193	168	35	5	25	0.00	7.09	0
CO1062	OC-111155539	3.86	6 1-	4/0ACSR	0	0	1169	168	35	5	1	0.00	7.09	0
CO847	CO1064	3.94	416 3-	1/0ACSR	1527	1425	1134	167	2877	135	59	0.58	7.66	2714
CO1044	CO847	4.01	13 1-	8ACWC	0	0	1097	166	169	24	24	0.11	7.77	32
OC306200508	CO1044	4.01	11 1-	20 N FUSE	0	0	1097	166	159	22	115	0.00	7.77	0
CO1045	OC306200508	4.24	11 1-	8ACWC	0	0	985	162	159	22	23	0.35	8.13	99
CO1051	CO1045	4.37	2 1-	8ACWC	0	0	929	161	14	2	2	0.02	8.14	0
OC-1432878358	CO1051	4.37	2 1-	20 N FUSE	0	0	929	161	14	2	10	0.00	8.14	0
CO1052	OC-1432878358	4.41	2 1-	8ACWC	0	0	914	160	14	2	2	0.01	8.15	0
CO1053	CO1052	4.46	2 1-	8ACWC	0	0	896	159	14	2	2	0.01	8.16	0
CO1054	CO1053	4.50	2 1-	8ACWC	0	0	881	159	14	2	2	0.01	8.16	0
CO1055	CO1054	4.53	2 1-	8ACWC	0	0	867	158	14	2	2	0.01	8.17	0
CO1056	CO1055	4.59	2 1-	8ACWC	0	0	847	158	14	2	2	0.01	8.17	0
CO1057	CO1056	4.71	2 1-	8ACWC	0	0	806	156	14	2	2	0.02	8.19	0
CO1058	CO1057	4.74	2 1-	8ACWC	0	0	799	156	14	2	2	0.00	8.19	0
CO1046	CO1045	4.45	9 1-	8ACWC	0	0	899	160	144	20	21	0.29	8.41	73
CO1047	CO1046	4.56	7 1-	8ACWC	0	0	857	158	143	20	21	0.15	8.57	39
CO1059	CO1047	4.65	6 1-	8ACWC	0	0	828	157	142	20	21	0.12	8.68	29
CO1060	CO1059	4.67	5 1-	8ACWC	0	0	821	157	140	20	20	0.03	8.71	6
CO1171	CO1060	4.79	4 1-	8ACWC	0	0	782	155	123	17	18	0.14	8.85	31
CO1048	CO1171	4.81	4 1-	8ACWC	0	0	777	155	123	17	18	0.02	8.88	5

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1049	CO1048	4.84	4 1-	8ACWC	0	0	768	154	123	17	18	0.04	8.91	8
CO1050	CO1049	5.10	4 1-	8ACWC	0	0	696	151	123	17	18	0.31	9.22	68
CO891	CO1050	5.25	2 1-	8ACWC	0	0	662	149	3	0	0	0.00	9.23	0
CO844	CO1050	5.21	2 1-	8ACWC	0	0	671	150	120	17	18	0.12	9.35	26
OC1341774088	CO844	5.21	2 1-	20 N FUSE	0	0	671	150	120	17	88	0.00	9.35	0
CO893	OC1341774088	5.48	1 1-	1/0PRIURD	0	0	645	298	63	9	6	0.03	9.37	0
CO892	OC1341774088	5.41	1 1-	1/0PRIURD	0	0	652	299	57	8	6	0.02	9.36	0
CO894	CO1047	4.64	1 1-	8ACWC	0	0	831	157	1	0	0	0.00	8.57	0
CO1040	CO847	4.02	402 3-	1/0ACSR	1496	1396	1110	167	2684	127	55	0.18	7.84	785
CO1041	CO1040	4.05	401 3-	1/0ACSR	1485	1387	1101	166	2677	126	55	0.06	7.90	266
CO1042	CO1041	4.07	400 3-	1/0ACSR	1478	1381	1096	166	2652	125	55	0.04	7.94	176
CO1043	CO1042	4.16	400 3-	1/0ACSR	1445	1350	1070	166	2651	125	55	0.20	8.14	863
CO1031	CO1043	4.20	9 1-	4ACSR	0	0	1055	165	67	9	7	0.02	8.15	0
OC-850800861	CO1031	4.20	8 1-	20 N FUSE	0	0	1055	165	59	8	43	0.00	8.15	0
CO1032	OC-850800861	4.32	8 1-	4ACSR	0	0	1015	164	59	8	6	0.04	8.19	4
CO1033	CO1032	4.35	7 1-	4ACSR	0	0	1004	164	56	8	6	0.01	8.21	0
CO1035	CO1033	4.37	6 1-	4ACSR	0	0	997	164	54	7	6	0.01	8.21	0
CO1036	CO1035	4.46	3 1-	4ACSR	0	0	966	163	41	5	4	0.02	8.24	0
CO1038	CO1036	4.61	1 1-	4ACSR	0	0	919	161	14	1	1	0.01	8.25	0
CO1039	CO1038	4.66	1 1-	4ACSR	0	0	905	161	13	1	1	0.00	8.25	0
CO1037	CO1036	4.54	1 1-	4ACSR	0	0	942	162	19	2	2	0.01	8.25	0
CO1034	CO1037	4.59	1 1-	4ACSR	0	0	924	162	19	2	2	0.00	8.25	0
CO903	CO1033	4.39	1 1-	4ACSR	0	0	991	164	3	0	0	0.00	8.21	0
CO-455964811	CO1043	4.26	391 3-	2ACSR	1405	1315	1040	165	2579	122	68	0.30	8.44	1337
CO-1400634914	CO-455964811	4.34	1 1-	2ACSR	0	0	1017	165	2	0	0	0.00	8.44	0
OC-927979655	CO-1400634914	4.34	0 1-	20 N FUSE	0	0	1017	165	0	0	0	0.00	8.44	0
CO459953315	CO-455964811	4.36	390 3-	2ACSR	1369	1283	1013	165	2571	122	68	0.29	8.72	1269
CO8228	CO459953315	4.36	390 3-	1/0ACSR	1368	1282	1012	165	2566	122	53	0.01	8.73	41
RG26	CO8228	4.36	389 3-	100	1368	1282	1012	165	2565	122	122	-8.73	0.00	0
CO2035040634	RG26	4.37	3 3-	2ACSR	1365	1279	1010	164	19	0	0	0.00	0.00	0
CO-750805833	CO2035040634	4.42	3 1-	2ACSR	0	0	996	164	19	2	1	0.00	0.00	0
CO-1615234240	CO2035040634	4.42	0 3-	2ACSR	1347	1263	997	164	0	0	0	0.00	0.00	0
CO4188	RG26	4.40	386 3-	1/0ACSR	1355	1270	1002	164	2546	113	49	0.08	0.08	315
CO4118	CO4188	4.43	9 1-	4ACSR	0	0	992	164	56	7	5	0.01	0.09	0
OC138268963	CO4118	4.43	9 1-	20 N FUSE	0	0	992	164	56	7	38	0.00	0.09	0
CO4117	OC138268963	4.63	5 1-	4ACSR	0	0	928	162	35	4	3	0.04	0.13	2
CO4137	CO4117	4.76	2 1-	4ACSR	0	0	893	161	21	2	2	0.01	0.14	0
CO4136	CO4117	4.75	3 1-	4ACSR	0	0	894	161	14	1	1	0.01	0.14	0
CO4189	OC138268963	4.54	4 1-	4ACSR	0	0	956	163	21	2	2	0.01	0.10	0
CO4190	CO4189	4.59	2 1-	4ACSR	0	0	942	162	9	1	1	0.00	0.10	0
CO4191	CO4188	4.47	376 3-	1/0ACSR	1335	1252	987	164	2481	110	48	0.12	0.20	453
CO4192	CO4191	4.53	375 3-	1/0ACSR	1316	1235	973	164	2476	110	48	0.12	0.31	455
CO4193	CO4192	4.60	375 3-	1/0ACSR	1299	1218	959	163	2474	110	48	0.11	0.43	442
CO4194	CO4193	4.64	374 3-	1/0ACSR	1286	1206	949	163	2461	109	48	0.08	0.51	321
CO4195	CO4194	4.68	373 3-	1/0ACSR	1277	1199	943	163	2455	109	48	0.06	0.57	217
CO4203	CO4195	4.74	362 3-	1/0ACSR	1259	1182	929	163	2391	106	46	0.12	0.68	439
CO4139	CO4203	4.79	2 1-	4ACSR	0	0	916	162	9	1	1	0.00	0.69	0
OC1215560477	CO4139	4.79	0 1-	20 N FUSE	0	0	916	162	0	0	0	0.00	0.69	0
CO4204	CO4203	4.76	359 3-	1/0ACSR	1256	1179	926	163	2369	105	46	0.02	0.71	87
CO4119	CO4204	4.82	359 3-	1/0ACSR	1239	1163	913	162	2369	105	46	0.11	0.82	421
CO4314	CO4119	4.83	39 1-	2ACSR	0	0	912	162	312	42	24	0.01	0.83	4
OC122	CO4314	4.83	39 1-	35 H OCR	0	0	912	162	312	42	122	0.00	0.83	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4315	OC122	4.89	39 1-	2ACSR	0	0	899	162	312	42	24	0.08	0.91	36
CO4205	CO4315	4.96	38 1-	2ACSR	0	0	883	161	310	42	24	0.09	1.00	44
CO4208	CO4205	5.03	36 1-	2ACSR	0	0	868	161	297	40	23	0.09	1.09	40
CO4209	CO4208	5.17	35 1-	2ACSR	0	0	838	160	287	39	22	0.18	1.27	81
CO4213	CO4209	5.24	30 1-	2ACSR	0	0	825	160	258	35	20	0.08	1.35	30
CO4214	CO4213	5.46	29 1-	2ACSR	0	0	785	158	254	34	19	0.24	1.59	92
CO4215	CO4214	5.53	29 1-	2ACSR	0	0	772	158	253	34	19	0.08	1.67	32
CO4218	CO4215	5.66	27 1-	2ACSR	0	0	752	157	242	33	19	0.13	1.80	49
CO4219	CO4218	5.71	26 1-	2ACSR	0	0	743	157	242	33	19	0.05	1.86	19
OC-2111582829	CO4219	5.71	25 1-	20 N FUSE	0	0	743	157	220	30	151	0.00	1.86	0
CO4220	OC-2111582829	5.84	25 1-	2ACSR	0	0	724	156	220	30	17	0.12	1.98	41
CO4316	CO4220	5.87	2 1-	2ACSR	0	0	718	156	10	1	1	0.00	1.98	0
CO4317	CO4316	5.89	2 1-	2ACSR	0	0	717	155	10	1	1	0.00	1.98	0
CO4122	CO4220	6.03	23 1-	2ACSR	0	0	697	155	210	28	16	0.17	2.15	56
CO4140	CO4122	6.12	0 1-	2ACSR	0	0	684	154	0	0	0	0.00	2.15	0
CO4221	CO4122	6.08	23 1-	2ACSR	0	0	689	154	210	28	16	0.05	2.20	16
CO4222	CO4221	6.15	22 1-	2ACSR	0	0	679	154	196	27	15	0.06	2.26	17
CO4223	CO4222	6.19	20 1-	2ACSR	0	0	674	154	184	25	14	0.03	2.29	8
CO4234	CO4223	6.27	4 1-	2ACSR	0	0	665	153	57	7	4	0.02	2.31	0
CO4235	CO4234	6.40	4 1-	2ACSR	0	0	648	152	57	7	4	0.03	2.34	3
CO4236	CO4235	6.48	3 1-	2ACSR	0	0	639	152	36	4	3	0.01	2.35	0
CO4239	CO4236	6.65	1 1-	2ACSR	0	0	620	151	0	0	0	0.00	2.35	0
CO4240	CO4239	6.93	1 1-	2ACSR	0	0	590	149	0	0	0	0.00	2.35	0
CO4241	CO4240	7.21	1 1-	2ACSR	0	0	562	147	0	0	0	0.00	2.35	0
CO4238	CO4236	6.54	1 1-	1/0PRIURD	0	0	633	306	0	0	0	0.00	2.35	0
OC713405053	CO4238	6.54	0 1-	20 N FUSE	0	0	633	306	0	0	0	0.00	2.35	0
CO4164	CO4235	6.50	1 1-	2ACSR	0	0	636	152	22	3	2	0.01	2.35	0
OC325891865	CO4164	6.50	1 1-	20 N FUSE	0	0	636	152	22	3	15	0.00	2.35	0
CO4237	OC325891865	6.57	1 1-	1/0PRIURD	0	0	630	306	22	3	2	0.00	2.35	0
CO4166	CO4223	6.21	14 1-	2ACSR	0	0	672	153	113	15	9	0.01	2.30	0
CO4227	CO4166	6.31	9 1-	2ACSR	0	0	659	153	67	9	5	0.03	2.33	3
CO4228	CO4227	6.70	9 1-	2ACSR	0	0	613	150	67	9	5	0.12	2.45	12
OC-1769887384	CO4228	6.70	9 1-	20 N FUSE	0	0	613	150	67	9	46	0.00	2.45	0
CO4229	OC-1769887384	6.80	9 1-	2ACSR	0	0	603	150	67	9	5	0.03	2.47	3
CO1150540010	CO4229	7.01	1 1-	2ACSR	0	0	582	149	9	1	1	0.01	2.48	0
CO-351708566	CO1150540010	7.10	1 1-	2ACSR	0	0	573	148	9	1	1	0.00	2.48	0
CO134397778	CO1150540010	7.04	0 1-	2ACSR	0	0	578	148	0	0	0	0.00	2.48	0
CO4230	CO4229	6.93	8 1-	2ACSR	0	0	590	149	58	8	4	0.03	2.51	3
CO4231	CO4230	7.21	8 1-	2ACSR	0	0	562	147	58	8	4	0.07	2.58	6
CO8283	CO4231	7.42	6 1-	6ACWC	0	0	539	146	47	6	5	0.06	2.64	5
CO4428	CO8283	7.57	6 1-	6ACWC	0	0	523	145	47	6	5	0.05	2.69	3
CO4337	CO4428	7.66	1 1-	6ACWC	0	0	515	144	13	1	1	0.00	2.69	0
CO4358	CO4428	7.74	5 1-	6ACWC	0	0	507	143	34	4	3	0.03	2.72	0
CO4426	CO4358	8.14	5 1-	6ACWC	0	0	472	140	34	4	3	0.09	2.80	5
CO4427	CO4426	8.15	5 1-	6ACWC	0	0	470	140	34	4	3	0.00	2.81	0
CO4359	CO4427	8.28	5 1-	6ACWC	0	0	460	139	34	4	3	0.03	2.84	0
OC762345624	CO4359	8.28	5 1-	20 N FUSE	0	0	460	139	34	4	24	0.00	2.84	0
CO4360	OC762345624	8.49	5 1-	6ACWC	0	0	444	138	34	4	3	0.04	2.88	2
CO4361	CO4360	8.74	4 1-	6ACWC	0	0	426	136	30	4	3	0.05	2.92	2
CO4338	CO4361	8.79	1 1-	6ACWC	0	0	423	136	12	1	1	0.00	2.93	0
CO4322	CO4361	8.93	2 1-	6ACWC	0	0	414	135	15	2	2	0.01	2.94	0
CO4339	CO4322	9.00	0 1-	6ACWC	0	0	409	134	0	0	0	0.00	2.94	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4369	CO4322	9.12	1 1-	6ACWC	0	0	402	133	7	0	1	0.01	2.95	0
CO4370	CO4369	9.17	1 1-	6ACWC	0	0	398	133	7	0	1	0.00	2.95	0
CO4371	CO4370	9.22	1 1-	6ACWC	0	0	395	133	7	0	1	0.00	2.95	0
CO4372	CO4371	9.28	1 1-	6ACWC	0	0	392	132	7	0	1	0.00	2.95	0
CO4367	CO4361	8.79	1 1-	6ACWC	0	0	422	136	3	0	0	0.00	2.93	0
CO4368	CO4367	8.84	1 1-	6ACWC	0	0	419	135	3	0	0	0.00	2.93	0
CO4232	CO4231	7.33	2 1-	2ACSR	0	0	552	147	11	1	1	0.01	2.58	0
CO4233	CO4232	7.44	2 1-	2ACSR	0	0	543	146	11	1	1	0.00	2.59	0
CO4226	CO4166	6.32	4 1-	2ACSR	0	0	657	153	31	4	2	0.01	2.31	0
CO4311	CO4226	6.39	2 1-	2ACSR	0	0	649	152	17	2	1	0.00	2.32	0
CO4312	CO4311	6.44	1 1-	2ACSR	0	0	644	152	9	1	1	0.00	2.32	0
CO4310	CO4311	6.44	1 1-	750 MCM - 42 Wi	0	0	647	152	9	1	0	0.00	2.32	0
OC1428487240	CO4310	6.44	1 1-	20 N FUSE	0	0	647	152	9	1	6	0.00	2.32	0
CO4313	OC1428487240	6.50	1 1-	1/0PRIURD	0	0	644	309	9	1	1	0.00	2.32	0
CO4224	CO4166	6.40	1 1-	2ACSR	0	0	648	152	15	2	1	0.01	2.31	0
CO4225	CO4224	6.43	1 1-	2ACSR	0	0	645	152	15	2	1	0.00	2.31	0
CO4216	CO4215	5.57	2 1-	2ACSR	0	0	767	157	11	1	1	0.00	1.67	0
CO4217	CO4216	5.64	0 1-	2ACSR	0	0	754	157	0	0	0	0.00	1.67	0
CO4210	CO4209	5.22	5 1-	2ACSR	0	0	829	160	29	3	2	0.00	1.28	0
CO4142	CO4210	5.28	1 1-	2ACSR	0	0	818	159	8	1	1	0.00	1.28	0
CO4141	CO4210	5.26	1 1-	2ACSR	0	0	822	159	3	0	0	0.00	1.28	0
CO4211	CO4210	5.30	2 1-	2ACSR	0	0	814	159	4	0	0	0.00	1.28	0
CO4212	CO4211	5.33	2 1-	2ACSR	0	0	807	159	4	0	0	0.00	1.28	0
CO4206	CO4205	5.02	2 1-	2ACSR	0	0	869	161	13	1	1	0.00	1.00	0
CO4207	CO4206	5.07	1 1-	2ACSR	0	0	860	161	7	0	1	0.00	1.00	0
CO4120	CO4119	4.86	318 3-	1/0ACSR	1228	1154	905	162	2032	90	39	0.06	0.88	188
CO4121	CO4120	4.90	315 3-	1/0ACSR	1219	1145	898	162	2012	89	39	0.05	0.93	176
FD1151736273	CO4121	4.90	311 3-	_DefaultBayEqui	1219	1145	898	162	1995	88	0	0.00	0.93	0
CO4123	FD1151736273	4.98	311 3-	1/0ACSR	1201	1128	884	162	1995	88	39	0.11	1.04	344
OC1151736273	CO4123	4.98	310 3-	20 N FUSE	1201	1128	884	162	1974	88	440	0.00	1.04	0
CO30668	OC1151736273	5.02	310 3-	1/0ACSR	1191	1119	877	161	1974	90	39	0.06	1.10	184
CO4248	CO30668	5.16	310 3-	1/0ACSR	1158	1089	852	161	1973	90	39	0.23	1.33	673
CA-1163955036	CO4248	5.16	0 3-	Capacitor	1158	1089	852	161	0	0	0	0.00	1.33	0
CO4149	CO4248	5.24	1 1-	4ACSR	0	0	834	160	8	1	1	0.00	1.34	0
OC800562920	CO4149	5.24	0 1-	20 N FUSE	0	0	834	160	0	0	0	0.00	1.34	0
CO4249	CO4248	5.25	308 3-	1/0ACSR	1138	1070	836	160	1961	90	39	0.15	1.49	440
CO4250	CO4249	5.34	307 3-	1/0ACSR	1119	1053	822	160	1957	89	39	0.14	1.63	412
CO4253	CO4250	5.37	306 3-	1/0ACSR	1114	1048	818	160	1952	89	39	0.04	1.67	115
CO4254	CO4253	5.43	306 3-	1/0ACSR	1100	1035	808	160	1952	89	39	0.11	1.77	307
CO4148	CO4254	5.51	3 1-	4ACSR	0	0	791	159	5	0	1	0.00	1.77	0
OC-2051181536	CO4148	5.51	0 1-	20 N FUSE	0	0	791	159	0	0	0	0.00	1.77	0
CO4124	CO4254	5.53	303 3-	1/0ACSR	1081	1018	794	159	1945	89	39	0.15	1.92	436
CO4147	CO4124	5.59	1 1-	4ACSR	0	0	782	159	6	0	1	0.00	1.92	0
OC247994134	CO4147	5.59	0 1-	20 N FUSE	0	0	782	159	0	0	0	0.00	1.92	0
CO4125	CO4124	5.56	302 3-	1/0ACSR	1075	1012	789	159	1937	89	39	0.05	1.98	151
CO4126	CO4125	5.58	300 3-	1/0ACSR	1071	1009	786	159	1919	88	38	0.03	2.01	85
CO4146	CO4126	5.64	1 1-	4ACSR	0	0	774	158	0	0	0	0.00	2.01	0
OC-451549139	CO4146	5.64	0 1-	20 N FUSE	0	0	774	158	0	0	0	0.00	2.01	0
CO4127	CO4126	5.63	298 3-	1/0ACSR	1061	1000	779	159	1918	88	38	0.08	2.09	233
CO4128	CO4127	5.68	293 3-	1/0ACSR	1053	991	772	158	1902	87	38	0.07	2.16	209
CO4265	CO4128	5.70	289 3-	1/0ACSR	1048	987	769	158	1888	87	38	0.04	2.20	99
CO4266	CO4265	5.76	289 3-	1/0ACSR	1039	979	762	158	1888	87	38	0.08	2.28	231

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4145	CO4266	5.81	1 1-	4ACSR	0	0	751	158	7	0	1	0.00	2.28	0
CO4269	CO4266	5.91	285 3-	1/0ACSR	1011	953	741	157	1800	83	36	0.23	2.51	624
OC2001282870	CO4269	5.91	284 3-	20 N FUSE	1011	953	741	157	1797	83	416	0.00	2.51	0
CO4270	OC2001282870	6.20	284 3-	1/0ACSR	964	909	706	156	1797	83	36	0.42	2.93	1142
CO4143	CO4270	6.32	0 1-	4ACSR	0	0	687	155	0	0	0	0.00	2.93	0
CO4129	CO4270	6.51	284 3-	1/0ACSR	918	866	671	155	1791	83	36	0.46	3.39	1240
CO4152	CO4129	6.58	1 1-	4ACSR	0	0	661	154	2	0	0	0.00	3.39	0
OC-224737597	CO4152	6.58	0 1-	20 N FUSE	0	0	661	154	0	0	0	0.00	3.39	0
CO4271	CO4129	6.53	283 3-	1/0ACSR	916	865	670	155	1784	83	36	0.02	3.41	46
CO4272	CO4271	6.54	283 3-	1/0ACSR	913	862	668	155	1784	83	36	0.03	3.44	74
CO4273	CO4272	6.57	280 3-	1/0ACSR	910	859	666	154	1759	81	36	0.03	3.47	88
CO4153	CO4273	6.65	3 1-	4ACSR	0	0	653	154	17	2	2	0.00	3.47	0
OC-1735864456	CO4153	6.65	0 1-	20 N FUSE	0	0	653	154	0	0	0	0.00	3.47	0
CO4274	CO4273	6.76	276 3-	1/0ACSR	885	836	647	154	1738	80	35	0.27	3.74	711
CO4277	CO4274	6.78	275 3-	1/0ACSR	881	832	644	154	1734	80	35	0.04	3.78	98
CO8280	CO4277	6.82	273 3-	1/0ACSR	876	827	640	153	1723	80	35	0.06	3.83	149
CO8281	CO8280	6.97	5 1-	4ACSR	0	0	620	152	13	1	1	0.01	3.84	0
OC625390284	CO8281	6.97	1 1-	20 N FUSE	0	0	620	152	0	0	0	0.00	3.84	0
CO4278	OC625390284	7.04	1 1-	2ACSR	0	0	612	152	0	0	0	0.00	3.84	0
CO4108	CO8280	6.92	265 3-	1/0ACSR	864	816	631	153	1700	79	35	0.13	3.96	334
CO4109	CO4108	6.97	264 3-	2ACSR	856	809	626	153	1674	78	43	0.11	4.07	291
CO-820349632	CO4109	6.99	262 3-	2ACSR	852	806	623	152	1660	77	43	0.05	4.12	136
CO4115	CO-820349632	7.00	255 3-	1/0ACSR	851	805	622	152	1531	71	31	0.01	4.13	20
OC121	CO4115	7.00	255 3-	50 L OCR	851	805	622	152	1531	71	0	0.00	4.13	0
CO4116	OC121	7.16	255 3-	1/0ACSR	832	787	608	152	1531	71	31	0.21	4.34	481
OC-81325468	CO4116	7.16	254 3-	20 N FUSE	832	787	608	152	1520	71	356	0.00	4.34	0
CO8279	OC-81325468	7.23	254 3-	1/0ACSR	824	779	602	151	1520	71	31	0.08	4.42	192
CO4284	CO8279	7.32	248 3-	1/0ACSR	814	770	595	151	1474	69	30	0.10	4.52	231
CO4285	CO4284	7.34	245 3-	1/0ACSR	811	767	592	151	1443	67	29	0.03	4.56	74
CO4154	CO4285	7.38	2 1-	4ACSR	0	0	588	151	12	1	1	0.00	4.56	0
OC-1272694396	CO4154	7.38	1 1-	20 N FUSE	0	0	588	151	5	0	4	0.00	4.56	0
CO-1610313587	OC-1272694396	7.46	1 1-	2ACSR	0	0	580	150	5	0	0	0.00	4.56	0
CO4130	CO4285	7.37	243 3-	1/0ACSR	808	765	590	151	1431	67	29	0.03	4.59	73
CO4155	CO4130	7.43	2 1-	4ACSR	0	0	583	150	4	0	0	0.00	4.59	0
OC-1163486682	CO4155	7.43	0 1-	20 N FUSE	0	0	583	150	0	0	0	0.00	4.59	0
CO4286	CO4130	7.40	239 3-	1/0ACSR	805	762	588	151	1414	66	29	0.03	4.62	74
CO4287	CO4286	7.42	239 3-	1/0ACSR	803	760	586	151	1414	66	29	0.02	4.65	46
CO4131	CO4287	7.45	233 3-	1/0ACSR	800	757	584	151	1350	63	28	0.03	4.68	66
CO8290	CO4131	7.58	1 1-	4ACSR	0	0	568	149	9	1	1	0.01	4.69	0
OC1559236432	CO8290	7.58	1 1-	20 N FUSE	0	0	568	149	9	1	7	0.00	4.69	0
CO4376	OC1559236432	7.61	1 1-	4ACSR	0	0	564	149	9	1	1	0.00	4.69	0
CO4293	CO4131	7.48	232 3-	1/0ACSR	796	753	581	150	1340	63	27	0.04	4.72	81
CO4294	CO4293	7.53	231 3-	1/0ACSR	791	748	577	150	1320	62	27	0.05	4.77	106
CO8288	CO4294	7.58	4 1-	4ACSR	0	0	572	150	25	3	3	0.01	4.78	0
OC-1918209514	CO8288	7.58	4 1-	20 N FUSE	0	0	572	150	25	3	18	0.00	4.78	0
CO30664	OC-1918209514	7.62	4 1-	4ACSR	0	0	567	149	25	3	3	0.01	4.78	0
CO4429	CO30664	7.65	3 1-	4ACSR	0	0	563	149	25	3	3	0.01	4.79	0
CO4430	CO4429	7.71	2 1-	4ACSR	0	0	557	149	24	3	2	0.01	4.80	0
CO4373	CO4430	7.77	2 1-	4ACSR	0	0	550	148	24	3	2	0.01	4.81	0
CO4374	CO4373	7.83	2 1-	4ACSR	0	0	544	148	24	3	2	0.00	4.81	0
CO8287	CO4294	7.57	206 3-	1/0ACSR	787	745	574	150	1156	54	24	0.03	4.80	62
CO4405	CO8287	7.65	204 3-	1/0ACSR	779	737	568	150	1139	53	23	0.08	4.88	131

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4342	CO4405	7.74	1 1-	4ACSR	0	0	559	149	8	1	1	0.00	4.88	0
OC225955138	CO4342	7.74	0 1-	20 N FUSE	0	0	559	149	0	0	0	0.00	4.88	0
CO4324	CO4405	7.74	199 3-	1/0ACSR	770	729	562	149	1091	51	22	0.08	4.96	127
CO4341	CO4324	7.77	1 1-	4ACSR	0	0	558	149	15	2	1	0.00	4.96	0
OC1642323911	CO4341	7.77	0 1-	20 N FUSE	0	0	558	149	0	0	0	0.00	4.96	0
CO4407	CO4324	7.83	196 3-	1/0ACSR	761	721	555	149	1057	49	22	0.08	5.04	126
CO4408	CO4407	7.98	194 3-	1/0ACSR	747	707	545	148	1046	49	21	0.13	5.17	212
CO4336	CO4408	8.04	193 3-	1/0ACSR	741	702	540	148	1045	49	21	0.05	5.22	85
CO4330	CO4336	8.26	8 1-	4ACSR	0	0	518	146	55	7	6	0.08	5.30	7
OC-1351663611	CO4330	8.26	8 1-	20 N FUSE	0	0	518	146	55	7	39	0.00	5.30	0
CO4323	OC-1351663611	8.39	3 1-	4ACSR	0	0	505	145	20	2	2	0.02	5.32	0
CO8292	CO4323	8.56	0 1-	4ACSR	0	0	490	144	0	0	0	0.00	5.32	0
CO4375	CO4323	8.45	3 1-	4ACSR	0	0	500	145	20	2	2	0.01	5.32	0
CO8291	CO4375	8.52	2 1-	4ACSR	0	0	494	144	18	2	2	0.00	5.33	0
CO4444	OC-1351663611	8.32	5 1-	4ACSR	0	0	512	146	34	4	3	0.01	5.31	0
CO4340	CO4444	8.34	1 1-	4ACSR	0	0	511	146	2	0	0	0.00	5.31	0
CO4445	CO4444	8.38	4 1-	4ACSR	0	0	506	145	32	4	3	0.01	5.32	0
CO4406	CO4445	8.44	2 1-	4ACSR	0	0	501	145	24	3	2	0.00	5.33	0
CO4325	CO4336	8.08	182 3-	1/0ACSR	737	698	537	148	971	45	20	0.03	5.25	51
CO4347	CO4325	8.16	1 1-	4ACSR	0	0	530	147	13	1	1	0.00	5.26	0
OC-2115784432	CO4347	8.16	0 1-	20 N FUSE	0	0	530	147	0	0	0	0.00	5.26	0
CO4326	CO4325	8.11	181 3-	1/0ACSR	734	695	535	148	958	45	20	0.03	5.28	38
CO4409	CO4326	8.17	3 1-	4ACSR	0	0	529	147	24	3	2	0.01	5.29	0
OC-1817989223	CO4409	8.17	2 1-	20 N FUSE	0	0	529	147	18	2	12	0.00	5.29	0
CO4410	OC-1817989223	8.19	2 1-	4ACSR	0	0	527	147	18	2	2	0.00	5.29	0
CO4411	CO4410	8.26	1 1-	4ACSR	0	0	521	147	3	0	0	0.00	5.29	0
CO4412	CO4411	8.30	0 1-	4ACSR	0	0	516	146	0	0	0	0.00	5.29	0
CO4387	CO4412	8.38	0 1-	4ACSR	0	0	509	146	0	0	0	0.00	5.29	0
CO4388	CO4387	8.44	0 1-	4ACSR	0	0	504	145	0	0	0	0.00	5.29	0
CO4362	CO4326	8.18	176 3-	1/0ACSR	728	689	531	148	900	42	18	0.05	5.33	69
CO4413	CO4362	8.23	176 3-	1/0ACSR	723	685	527	147	900	42	18	0.04	5.37	54
OC1464888768	CO4413	8.23	175 3-	20 N FUSE	723	685	527	147	897	42	212	0.00	5.37	0
CO4424	OC1464888768	8.33	175 3-	1/0ACSR	714	677	521	147	897	42	18	0.08	5.44	104
CO4425	CO4424	8.46	173 3-	1/0ACSR	703	666	513	146	893	42	18	0.10	5.54	133
CO4422	CO4425	8.65	170 3-	1/0ACSR	688	652	501	146	869	41	18	0.14	5.68	184
CO4423	CO4422	8.67	168 3-	1/0ACSR	686	651	500	146	865	41	18	0.01	5.69	18
CO4346	CO4423	8.74	2 1-	4ACSR	0	0	494	145	13	1	1	0.00	5.70	0
OC779965302	CO4346	8.74	0 1-	20 N FUSE	0	0	494	145	0	0	0	0.00	5.70	0
CO4345	CO4423	8.80	2 1-	4ACSR	0	0	489	145	5	0	1	0.00	5.70	0
OC-867957739	CO4345	8.80	0 1-	20 N FUSE	0	0	489	145	0	0	0	0.00	5.70	0
CO4414	CO4423	8.71	164 3-	1/0ACSR	683	648	498	145	846	40	17	0.03	5.72	36
CO4415	CO4414	8.75	163 3-	1/0ACSR	680	645	496	145	846	40	17	0.03	5.75	33
CO4344	CO4415	8.85	0 1-	4ACSR	0	0	486	144	0	0	0	0.00	5.75	0
OC336125309	CO4344	8.85	0 1-	20 N FUSE	0	0	486	144	0	0	0	0.00	5.75	0
CO4439	CO4415	8.76	161 3-	1/0ACSR	680	644	495	145	829	39	17	0.01	5.75	8
CO4440	CO4439	8.82	160 3-	1/0ACSR	674	639	491	145	817	38	17	0.05	5.80	57
CO4433	CO4440	8.94	5 1-	4ACSR	0	0	481	144	15	2	2	0.01	5.81	0
OC-458485134	CO4433	8.94	2 1-	20 N FUSE	0	0	481	144	5	0	4	0.00	5.81	0
CO4434	OC-458485134	9.06	2 1-	4ACSR	0	0	472	143	5	0	1	0.00	5.81	0
CO4416	CO4440	8.86	154 3-	1/0ACSR	671	637	489	145	795	37	16	0.03	5.82	31
CO4417	CO4416	8.89	151 3-	1/0ACSR	669	635	488	145	783	37	16	0.02	5.84	22
CO494638815	CO4417	8.99	147 3-	2ACSR	660	626	481	144	751	35	20	0.09	5.93	109

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-375668686	CO494638815	9.02	140 3-	2ACSR	658	624	479	144	712	33	19	0.03	5.96	31
CO4395	CO-375668686	9.06	140 3-	1/0ACSR	654	621	477	144	711	33	15	0.03	5.98	31
CO4431	CO4395	9.14	139 3-	1/0ACSR	648	615	473	143	704	33	15	0.05	6.03	49
CO4432	CO4431	9.20	138 3-	1/0ACSR	644	611	469	143	701	33	14	0.03	6.06	38
CO4396	CO4432	9.31	137 3-	1/0ACSR	637	604	464	143	691	32	14	0.06	6.13	65
CO4327	CO4396	9.47	128 3-	1/0ACSR	626	594	456	142	622	29	13	0.08	6.21	81
CO4343	CO4327	9.60	2 1-	4ACSR	0	0	446	141	12	1	1	0.01	6.21	0
OC2094062241	CO4343	9.60	0 1-	20 N FUSE	0	0	446	141	0	0	0	0.00	6.21	0
CO4328	CO4327	9.51	126 3-	1/0ACSR	623	592	454	142	610	29	13	0.02	6.23	21
CO4329	CO4328	9.64	123 3-	1/0ACSR	615	584	448	142	582	27	12	0.06	6.29	54
CO4398	CO4329	9.69	113 3-	1/0ACSR	612	581	445	141	526	25	11	0.02	6.31	18
CO4399	CO4398	9.70	112 3-	1/0ACSR	611	580	445	141	517	24	11	0.01	6.32	5
CO4400	CO4399	9.72	111 3-	1/0ACSR	610	579	444	141	503	23	10	0.01	6.33	5
CO4401	CO4400	9.84	110 3-	1/0ACSR	602	572	439	141	496	23	10	0.05	6.38	38
CO4331	CO4401	9.93	107 3-	1/0ACSR	597	567	434	140	484	23	10	0.04	6.41	29
CO4332	CO4331	10.06	34 3-	1/0ACSR	589	559	429	140	185	8	4	0.02	6.43	6
CO4437	CO4332	10.07	32 1-	6ACWC	0	0	428	140	178	25	18	0.01	6.44	2
CO4438	CO4437	10.15	32 1-	6ACWC	0	0	423	139	178	25	18	0.09	6.53	25
CO4402	CO4438	10.38	28 1-	6ACWC	0	0	408	138	161	23	16	0.24	6.77	65
CO4350	CO4402	10.48	1 1-	6ACWC	0	0	403	137	10	1	1	0.00	6.77	0
CO4333	CO4402	10.48	26 1-	6ACWC	0	0	403	137	148	21	15	0.09	6.86	22
CO4349	CO4333	10.53	0 1-	6ACWC	0	0	400	137	0	0	0	0.00	6.86	0
CO4334	CO4333	10.55	21 1-	6ACWC	0	0	398	136	129	18	13	0.06	6.92	14
OC613148818	CO4334	10.55	21 1-	35 H OCR	0	0	398	136	129	18	53	0.00	6.92	0
CO8294	OC613148818	10.76	19 1-	6ACWC	0	0	387	135	116	16	12	0.15	7.08	29
CO4478	CO8294	10.80	18 1-	6ACWC	0	0	384	135	113	16	12	0.03	7.11	7
CO4479	CO4478	10.95	14 1-	6ACWC	0	0	376	134	91	13	9	0.09	7.20	14
CO4570	CO4479	11.07	1 1-	4ACSR	0	0	370	133	4	0	0	0.00	7.20	0
CO4571	CO4570	11.21	0 1-	4ACSR	0	0	363	132	0	0	0	0.00	7.20	0
CO4554	CO4571	11.29	0 1-	4ACSR	0	0	360	131	0	0	0	0.00	7.20	0
CO4488	CO4479	11.01	1 1-	4ACSR	0	0	373	133	5	0	0	0.00	7.20	0
CO4480	CO4479	11.16	12 1-	6ACWC	0	0	366	132	82	11	8	0.11	7.31	15
CO4481	CO4480	11.32	9 1-	6ACWC	0	0	358	131	45	6	5	0.05	7.36	4
CO4487	CO4481	11.44	1 1-	4ACSR	0	0	353	130	9	1	1	0.00	7.36	0
CO4482	CO4481	11.43	8 1-	6ACWC	0	0	353	130	35	5	4	0.02	7.38	0
CO4495	CO4482	11.60	7 1-	6ACWC	0	0	345	129	31	4	3	0.03	7.42	0
CO4496	CO4495	11.69	7 1-	6ACWC	0	0	341	129	31	4	3	0.02	7.44	0
CO4497	CO4496	11.81	7 1-	6ACWC	0	0	336	128	31	4	3	0.02	7.46	0
CO4572	CO4497	11.84	4 1-	6ACWC	0	0	335	128	24	3	2	0.00	7.46	0
CO4573	CO4572	11.87	3 1-	6ACWC	0	0	334	128	14	2	1	0.00	7.46	0
CO4531	CO4573	12.01	3 1-	6ACWC	0	0	328	127	14	2	1	0.01	7.48	0
CO4532	CO4531	12.27	3 1-	6ACWC	0	0	318	125	14	2	1	0.02	7.50	0
CO4533	CO4532	12.56	3 1-	6ACWC	0	0	307	123	14	2	1	0.03	7.53	0
OC312197829	CO4533	12.56	3 1-	20 N FUSE	0	0	307	123	14	2	10	0.00	7.53	0
CO4534	OC312197829	12.92	3 1-	6ACWC	0	0	295	121	14	2	1	0.03	7.56	0
CO4563	CO4534	13.07	1 1-	6ACWC	0	0	290	120	6	0	1	0.01	7.57	0
CO4568	CO4563	13.17	1 1-	6ACWC	0	0	287	120	6	0	1	0.00	7.57	0
CO4569	CO4568	13.22	1 1-	6ACWC	0	0	285	120	6	0	1	0.00	7.57	0
CO4502	CO4569	13.24	0 1-	6ACWC	0	0	285	120	0	0	0	0.00	7.57	0
CO4596	CO4502	13.24	0 1-	4ACSR	0	0	285	119	0	0	0	0.00	7.57	0
OH174	CO4569	13.26	0 1-	#2 ACSR 7/1	0	0	284	119	0	0	0	0.00	7.57	0
SW173-B	OH174	13.26	0 1-	Open	0	0	284	119	0	0	0	0.00	7.57	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4498	CO4534	12.99	2 1-	4ACSR	0	0	292	121	8	1	1	0.00	7.56	0
CO4499	CO4498	13.14	2 1-	4ACSR	0	0	288	120	8	1	1	0.01	7.57	0
CO4500	CO4499	13.22	2 1-	4ACSR	0	0	285	120	8	1	1	0.00	7.58	0
CO4501	CO4500	13.38	2 1-	4ACSR	0	0	280	119	8	1	1	0.00	7.58	0
CO4591	CO4497	11.81	2 1-	2ACSR	0	0	336	128	0	0	0	0.00	7.46	0
OC126	CO4591	11.81	2 1-	10 N FUSE	0	0	336	128	0	0	0	0.00	7.46	0
CO4592	OC126	11.96	2 1-	2ACSR	0	0	331	127	0	0	0	0.00	7.46	0
CO4535	CO4592	12.03	1 1-	2ACSR	0	0	329	127	0	0	0	0.00	7.46	0
CO4536	CO4535	12.16	1 1-	2ACSR	0	0	325	126	0	0	0	0.00	7.46	0
CO4537	CO4536	12.19	1 1-	2ACSR	0	0	324	126	0	0	0	0.00	7.46	0
OC169007061	CO4537	12.19	1 1-	20 N FUSE	0	0	324	126	0	0	0	0.00	7.46	0
CO4538	OC169007061	12.25	1 1-	2ACSR	0	0	322	126	0	0	0	0.00	7.46	0
CO4539	CO4538	12.37	1 1-	2ACSR	0	0	319	125	0	0	0	0.00	7.46	0
CO4540	CO4539	12.55	1 1-	2ACSR	0	0	313	125	0	0	0	0.00	7.46	0
CO4541	CO4540	12.64	1 1-	2ACSR	0	0	311	124	0	0	0	0.00	7.46	0
CO4542	CO4541	12.71	1 1-	2ACSR	0	0	309	124	0	0	0	0.00	7.46	0
CO4543	CO4542	12.77	1 1-	2ACSR	0	0	307	124	0	0	0	0.00	7.46	0
CO4604	CO4543	13.03	1 1-	2ACSR	0	0	300	123	0	0	0	0.00	7.46	0
CO4544	CO4604	13.09	1 1-	2ACSR	0	0	298	122	0	0	0	0.00	7.46	0
CO4545	CO4544	13.22	1 1-	2ACSR	0	0	295	122	0	0	0	0.00	7.46	0
CO4546	CO4545	13.28	1 1-	2ACSR	0	0	294	122	0	0	0	0.00	7.46	0
CO4547	CO4546	13.35	1 1-	2ACSR	0	0	292	121	0	0	0	0.00	7.46	0
CO4548	CO4547	13.39	1 1-	2ACSR	0	0	291	121	0	0	0	0.00	7.46	0
CO4549	CO4548	13.42	1 1-	2ACSR	0	0	290	121	0	0	0	0.00	7.46	0
CO4550	CO4549	13.48	1 1-	2ACSR	0	0	289	121	0	0	0	0.00	7.46	0
CO4551	CO4550	13.57	1 1-	2ACSR	0	0	286	120	0	0	0	0.00	7.46	0
CO4486	CO4482	11.54	1 1-	4ACSR	0	0	348	130	5	0	0	0.00	7.38	0
CO4589	CO4480	11.26	3 1-	4ACSR	0	0	361	131	38	5	4	0.02	7.33	0
CO4590	CO4589	11.30	2 1-	4ACSR	0	0	359	131	31	4	3	0.01	7.34	0
CO4552	CO4590	11.33	1 1-	4ACSR	0	0	358	131	15	2	2	0.00	7.34	0
CO4553	CO4552	11.39	1 1-	4ACSR	0	0	355	131	15	2	2	0.00	7.35	0
CO4599	CO4478	10.91	4 1-	4ACSR	0	0	379	134	22	3	2	0.01	7.13	0
CO4489	CO4599	11.00	1 1-	4ACSR	0	0	374	133	7	1	1	0.00	7.13	0
CO4600	CO4599	10.96	3 1-	4ACSR	0	0	376	134	14	2	1	0.00	7.13	0
CO4555	CO4600	11.00	2 1-	4ACSR	0	0	374	133	12	1	1	0.00	7.13	0
CO4603	CO8294	10.94	1 1-	6ACWC	0	0	377	134	3	0	0	0.00	7.08	0
CO4443	OC613148818	10.61	2 1-	6ACWC	0	0	395	136	13	1	1	0.00	6.93	0
CO4348	CO4443	10.68	0 1-	6ACWC	0	0	391	135	0	0	0	0.00	6.93	0
CO8296	CO4443	10.75	1 1-	6ACWC	0	0	387	135	4	0	0	0.00	6.93	0
CO4363	OC613148818	10.91	0 1-	6ACWC	0	0	378	134	0	0	0	0.00	6.92	0
CO4364	CO4363	10.99	0 1-	6ACWC	0	0	374	133	0	0	0	0.00	6.92	0
CO4403	CO4333	10.57	3 1-	6ACWC	0	0	397	136	14	2	1	0.01	6.87	0
CO4404	CO4403	10.61	1 1-	6ACWC	0	0	395	136	10	1	1	0.00	6.87	0
CO4389	CO4404	10.63	1 1-	6ACWC	0	0	394	136	10	1	1	0.00	6.87	0
CO4390	CO4389	10.71	1 1-	6ACWC	0	0	389	135	10	1	1	0.00	6.87	0
CO4351	CO4332	10.10	2 1-	6ACWC	0	0	426	140	7	1	1	0.00	6.44	0
CO-1905230741	CO4331	10.03	1 3-	1/0ACSR	590	561	430	140	12	0	0	0.00	6.41	0
CO4435	CO4331	9.94	72 1-	4ACSR	0	0	434	140	287	41	29	0.01	6.43	6
OC124	CO4435	9.94	72 1-	35 H OCR	0	0	434	140	287	41	117	0.00	6.43	0
CO4436	OC124	10.04	72 1-	4ACSR	0	0	427	140	287	41	29	0.20	6.63	96
CO4335	CO4436	10.21	72 1-	4ACSR	0	0	416	138	286	41	29	0.31	6.94	149
CO4365	CO4335	10.42	71 1-	4ACSR	0	0	403	137	279	40	29	0.38	7.31	174

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4366	CO4366	10.45	70 1-	4ACSR	0	0	401	137	269	38	28	0.06	7.37	27
CO8295	CO4366	10.50	68 1-	4ACSR	0	0	398	136	264	38	27	0.09	7.46	40
CO4575	CO8295	10.58	67 1-	4ACSR	0	0	393	136	258	37	27	0.14	7.60	60
CO4490	CO4575	10.66	1 1-	4ACSR	0	0	389	135	13	1	1	0.00	7.60	0
CO4576	CO4575	10.88	66 1-	4ACSR	0	0	377	134	245	35	25	0.45	8.06	183
CO4577	CO4576	10.98	63 1-	4ACSR	0	0	372	133	224	32	23	0.14	8.20	53
CO4578	CO4577	11.04	60 1-	4ACSR	0	0	369	132	210	30	22	0.08	8.28	29
CO4559	CO4578	11.13	2 1-	4ACSR	0	0	364	132	12	1	1	0.01	8.29	0
CO4560	CO4559	11.19	2 1-	4ACSR	0	0	362	131	12	1	1	0.00	8.29	0
CO4597	CO4578	11.13	3 1-	4ACSR	0	0	364	132	14	2	1	0.01	8.29	0
CO4494	CO4597	11.16	1 1-	4ACSR	0	0	363	132	10	1	1	0.00	8.29	0
CO4598	CO4597	11.16	1 1-	4ACSR	0	0	363	132	4	0	0	0.00	8.29	0
CO4579	CO4578	11.16	54 1-	4ACSR	0	0	363	132	174	25	18	0.14	8.42	42
CO4580	CO4579	11.21	53 1-	4ACSR	0	0	360	131	173	25	18	0.06	8.48	17
CO4581	CO4580	11.27	51 1-	4ACSR	0	0	357	131	160	23	17	0.06	8.54	17
CO4493	CO4581	11.34	0 1-	4ACSR	0	0	354	130	0	0	0	0.00	8.54	0
CO4485	CO4581	11.44	50 1-	4ACSR	0	0	349	130	159	23	17	0.18	8.72	49
CO4492	CO4485	11.50	2 1-	4ACSR	0	0	347	129	12	1	1	0.00	8.73	0
CO4587	CO4485	11.49	48 1-	4ACSR	0	0	348	129	146	21	15	0.04	8.77	10
CO4588	CO4587	11.52	48 1-	4ACSR	0	0	346	129	146	21	15	0.03	8.80	8
CO4564	CO4588	11.57	3 1-	4ACSR	0	0	344	129	9	1	1	0.00	8.80	0
CO4565	CO4564	11.69	2 1-	4ACSR	0	0	339	128	7	1	1	0.00	8.80	0
CO4484	CO4588	11.63	44 1-	4ACSR	0	0	341	129	128	18	13	0.09	8.89	20
CO4557	CO4484	11.66	1 1-	4ACSR	0	0	340	128	6	0	1	0.00	8.89	0
CO4558	CO4557	11.72	1 1-	4ACSR	0	0	337	128	6	0	1	0.00	8.89	0
CO4582	CO4484	11.67	42 1-	4ACSR	0	0	339	128	121	17	13	0.03	8.92	7
CO4583	CO4582	11.70	41 1-	4ACSR	0	0	338	128	115	16	12	0.03	8.95	5
CO4584	CO4583	11.81	39 1-	4ACSR	0	0	333	127	105	15	11	0.07	9.02	13
CO4585	CO4584	11.85	36 1-	4ACSR	0	0	332	127	94	13	10	0.02	9.04	4
CO4586	CO4585	11.99	36 1-	4ACSR	0	0	326	126	94	13	10	0.09	9.13	14
OC-1157202379	CO4586	11.99	36 1-	20 N FUSE	0	0	326	126	94	13	69	0.00	9.13	0
CO4556	OC-1157202379	12.08	2 1-	4ACSR	0	0	323	126	18	2	2	0.01	9.14	0
CO4574	CO4556	12.14	2 1-	4ACSR	0	0	320	125	18	2	2	0.01	9.15	0
CO4601	CO4574	12.16	1 1-	4ACSR	0	0	319	125	9	1	1	0.00	9.15	0
CO4491	CO4601	12.21	1 1-	4ACSR	0	0	317	125	9	1	1	0.00	9.15	0
CO4602	CO4601	12.25	0 1-	4ACSR	0	0	316	125	0	0	0	0.00	9.15	0
CO4483	OC-1157202379	12.11	34 1-	4ACSR	0	0	321	126	76	11	8	0.06	9.19	8
CO4527	CO4483	12.38	2 1-	4ACSR	0	0	311	124	3	0	0	0.01	9.20	0
CO4528	CO4527	12.51	2 1-	2ACSR	0	0	307	123	3	0	0	0.00	9.20	0
CO-1821014386	CO4528	12.64	2 1-	2ACSR	0	0	304	123	3	0	0	0.00	9.20	0
CO4529	CO-1821014386	12.68	2 1-	4ACSR	0	0	302	123	3	0	0	0.00	9.20	0
CO4561	CO4529	12.74	0 1-	4ACSR	0	0	300	122	0	0	0	0.00	9.20	0
CO4562	CO4561	12.78	0 1-	4ACSR	0	0	299	122	0	0	0	0.00	9.20	0
CO4530	CO4529	12.94	2 1-	4ACSR	0	0	294	121	3	0	0	0.01	9.21	0
CO8298	CO4530	13.03	2 1-	4ACSR	0	0	291	121	3	0	0	0.00	9.21	0
CO512095037	CO4528	12.58	0 1-	2ACSR	0	0	305	123	0	0	0	0.00	9.20	0
CO4593	CO4483	12.12	32 1-	4ACSR	0	0	321	126	73	10	8	0.00	9.20	0
OC127	CO4593	12.12	32 1-	15 H OCR	0	0	321	126	72	10	71	0.00	9.20	0
CO4594	OC127	12.41	32 1-	4ACSR	0	0	310	124	72	10	8	0.14	9.34	18
CO4503	CO4594	12.55	32 1-	4ACSR	0	0	305	123	72	10	8	0.07	9.41	8
CO4504	CO4503	12.70	31 1-	4ACSR	0	0	299	122	72	10	8	0.07	9.48	9
CO4505	CO4504	12.74	31 1-	4ACSR	0	0	298	122	72	10	8	0.02	9.50	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4506	CO4505	12.82	29 1-	4ACSR	0	0	296	121	65	9	7	0.04	9.53	4
CO4507	CO4506	12.86	26 1-	4ACSR	0	0	294	121	64	9	7	0.02	9.55	0
OC-764681469	CO4507	12.86	23 1-	20 N FUSE	0	0	294	121	63	9	46	0.00	9.55	0
CO4508	OC-764681469	12.99	23 1-	4ACSR	0	0	290	120	63	9	7	0.05	9.60	6
CO4509	CO4508	13.06	23 1-	4ACSR	0	0	288	120	63	9	7	0.03	9.63	3
CO4510	CO4509	13.11	20 1-	4ACSR	0	0	286	120	60	8	6	0.02	9.65	0
CO4511	CO4510	13.19	16 1-	4ACSR	0	0	284	119	49	7	5	0.03	9.68	2
CO4512	CO4511	13.24	16 1-	4ACSR	0	0	282	119	49	7	5	0.02	9.69	0
CO4513	CO4512	13.31	16 1-	4ACSR	0	0	280	119	49	7	5	0.02	9.71	0
CO4514	CO4513	13.36	16 1-	4ACSR	0	0	279	118	49	7	5	0.02	9.73	0
CO4515	CO4514	13.39	12 1-	4ACSR	0	0	278	118	40	5	4	0.01	9.74	0
CO4516	CO4515	13.45	10 1-	4ACSR	0	0	276	118	39	5	4	0.01	9.75	0
CO4517	CO4516	13.51	7 1-	4ACSR	0	0	274	117	29	4	3	0.01	9.76	0
CO4518	CO4517	13.59	6 1-	4ACSR	0	0	272	117	22	3	2	0.01	9.77	0
OC1845852516	CO4518	13.59	6 1-	20 N FUSE	0	0	272	117	22	3	16	0.00	9.77	0
CO4519	OC1845852516	13.62	6 1-	4ACSR	0	0	271	117	22	3	2	0.01	9.78	0
CO4566	CO4519	13.68	5 1-	4ACSR	0	0	269	117	21	3	2	0.01	9.78	0
CO4567	CO4566	13.74	4 1-	4ACSR	0	0	268	116	16	2	2	0.01	9.79	0
CO4520	CO4567	13.83	4 1-	4ACSR	0	0	265	116	16	2	2	0.01	9.80	0
CO4521	CO4520	13.85	4 1-	4ACSR	0	0	264	116	16	2	2	0.00	9.80	0
CO4522	CO4521	13.87	4 1-	4ACSR	0	0	264	116	16	2	2	0.00	9.80	0
CO4523	CO4522	13.90	2 1-	4ACSR	0	0	263	115	4	0	0	0.00	9.81	0
CO4391	CO4366	10.51	2 1-	4ACSR	0	0	398	136	4	0	0	0.00	7.38	0
CO4392	CO4391	10.57	1 1-	4ACSR	0	0	394	136	0	0	0	0.00	7.38	0
CO4393	CO4392	10.65	1 1-	4ACSR	0	0	390	135	0	0	0	0.00	7.38	0
CO4354	CO4335	10.27	1 1-	4ACSR	0	0	412	138	6	0	1	0.00	6.94	0
CO4353	CO4436	10.16	0 1-	4ACSR	0	0	419	139	0	0	0	0.00	6.63	0
CO4352	CO4401	9.93	3 1-	4ACSR	0	0	432	140	12	1	1	0.00	6.38	0
OC-1746936887	CO4352	9.93	0 1-	20 N FUSE	0	0	432	140	0	0	0	0.00	6.38	0
CO4377	CO4329	9.68	6 1-	4ACSR	0	0	444	141	43	6	4	0.01	6.30	0
OC31976857	CO4377	9.68	6 1-	20 N FUSE	0	0	444	141	43	6	31	0.00	6.30	0
CO4446	OC31976857	9.79	6 1-	4ACSR	0	0	437	140	43	6	4	0.03	6.33	0
CO4447	CO4446	9.95	1 1-	4ACSR	0	0	426	139	5	0	0	0.00	6.33	0
CO4356	CO4446	9.86	2 1-	2ACSR	0	0	433	140	31	4	2	0.01	6.34	0
CO1466029035	CO4356	9.97	1 1-	2ACSR	0	0	427	139	20	2	2	0.00	6.34	0
CO4420	CO4328	9.52	3 1-	4ACSR	0	0	453	142	28	3	3	0.00	6.23	0
CO4421	CO4420	9.58	2 1-	4ACSR	0	0	449	142	14	1	1	0.00	6.24	0
OC-1450924865	CO4421	9.58	1 1-	20 N FUSE	0	0	449	142	8	1	5	0.00	6.24	0
CO4397	OC-1450924865	9.62	1 1-	4ACSR	0	0	445	141	8	1	1	0.00	6.24	0
CO4441	CO4396	9.43	6 1-	4ACSR	0	0	454	142	48	6	5	0.03	6.16	2
OC-660240121	CO4441	9.43	4 1-	20 N FUSE	0	0	454	142	33	4	24	0.00	6.16	0
CO4442	OC-660240121	9.49	1 1-	4ACSR	0	0	450	141	7	1	1	0.00	6.16	0
CO4378	OC-660240121	9.48	3 1-	4ACSR	0	0	451	141	26	3	3	0.01	6.17	0
CO4379	CO4378	9.49	2 1-	4ACSR	0	0	450	141	19	2	2	0.00	6.17	0
CO4380	CO4379	9.52	1 1-	4ACSR	0	0	448	141	12	1	1	0.00	6.17	0
CO-1900459246	CO494638815	9.03	7 1-	2ACSR	0	0	478	144	39	5	3	0.01	5.94	0
CO-1684421819	CO-1900459246	9.13	7 1-	2ACSR	0	0	472	143	39	5	3	0.02	5.95	0
CO1846261001	CO-1684421819	9.20	4 1-	2ACSR	0	0	467	143	24	3	2	0.01	5.96	0
CO-1437748257	CO1846261001	9.22	2 1-	2ACSR	0	0	466	143	12	1	1	0.00	5.96	0
CO751702014	CO-1437748257	9.26	2 1-	2ACSR	0	0	463	143	12	1	1	0.00	5.96	0
CO1404978956	CO1846261001	9.23	0 1-	2ACSR	0	0	466	143	0	0	0	0.00	5.96	0
CO1200097610	CO-1684421819	9.18	2 1-	2ACSR	0	0	468	143	9	1	1	0.00	5.95	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4418	CO4417	8.96	4 1-	4ACSR	0	0	481	144	32	4	3	0.01	5.85	0
OC236072092	CO4418	8.96	3 1-	20 N FUSE	0	0	481	144	22	3	16	0.00	5.85	0
CO4419	OC236072092	9.03	3 1-	4ACSR	0	0	476	144	22	3	2	0.01	5.86	0
CO4381	CO4419	9.11	1 1-	4ACSR	0	0	470	143	10	1	1	0.00	5.87	0
CO4382	CO4381	9.16	1 1-	4ACSR	0	0	466	143	10	1	1	0.00	5.87	0
CO4357	CO4439	8.80	1 1-	2ACSR	0	0	492	145	11	1	1	0.00	5.75	0
CO4383	CO4425	8.56	2 1-	4ACSR	0	0	504	146	17	2	2	0.01	5.55	0
OC1813283980	CO4383	8.56	1 1-	20 N FUSE	0	0	504	146	13	1	10	0.00	5.55	0
CO4384	OC1813283980	8.59	1 1-	4ACSR	0	0	501	145	13	1	1	0.00	5.55	0
CO4385	CO4384	8.68	1 1-	4ACSR	0	0	493	145	13	1	1	0.01	5.56	0
CO4386	CO4385	8.76	1 1-	4ACSR	0	0	486	144	13	1	1	0.00	5.57	0
CO4355	CO4408	8.03	1 1-	4ACSR	0	0	539	148	0	0	0	0.00	5.17	0
OC-444326218	CO4355	8.03	0 1-	20 N FUSE	0	0	539	148	0	0	0	0.00	5.17	0
CO4295	CO4294	7.58	19 1-	4ACSR	0	0	572	150	135	19	14	0.04	4.81	8
OC-1517529088	CO4295	7.58	13 1-	20 N FUSE	0	0	572	150	114	16	81	0.00	4.81	0
CO4296	OC-1517529088	7.63	13 1-	4ACSR	0	0	566	149	114	16	12	0.03	4.84	6
CO4156	CO4296	7.67	1 1-	4ACSR	0	0	561	149	6	0	1	0.00	4.84	0
CO4297	CO4296	7.64	11 1-	4ACSR	0	0	565	149	96	13	10	0.01	4.85	0
CO4298	CO4297	7.68	11 1-	4ACSR	0	0	560	149	96	13	10	0.03	4.87	4
CO4299	CO4298	7.71	10 1-	4ACSR	0	0	557	149	88	12	9	0.02	4.89	2
CO4300	CO4299	7.75	9 1-	4ACSR	0	0	552	148	82	11	8	0.02	4.91	3
CO4157	CO4300	7.79	0 1-	4ACSR	0	0	548	148	0	0	0	0.00	4.91	0
CO4303	CO4300	7.80	7 1-	4ACSR	0	0	547	148	65	9	7	0.02	4.93	0
CO4304	CO4303	7.82	6 1-	4ACSR	0	0	545	148	56	7	6	0.01	4.93	0
CO4305	CO4304	7.86	3 1-	4ACSR	0	0	540	147	32	4	3	0.01	4.94	0
CO4307	CO4305	7.88	2 1-	4ACSR	0	0	539	147	20	2	2	0.00	4.95	0
CO4308	CO4307	8.00	1 1-	4ACSR	0	0	526	146	8	1	1	0.01	4.95	0
CO4309	CO4308	8.05	1 1-	1/0PRIURD	0	0	524	282	8	1	1	0.00	4.95	0
CO4306	CO4305	7.90	1 1-	4ACSR	0	0	536	147	12	1	1	0.00	4.95	0
CO4301	CO4300	7.82	2 1-	4ACSR	0	0	545	148	17	2	2	0.01	4.92	0
CO4302	CO4301	7.84	1 1-	4ACSR	0	0	542	148	12	1	1	0.00	4.92	0
CO4290	CO4287	7.45	4 1-	4ACSR	0	0	583	150	31	4	3	0.01	4.65	0
OC-1431406022	CO4290	7.45	4 1-	20 N FUSE	0	0	583	150	31	4	22	0.00	4.65	0
CO4291	OC-1431406022	7.49	4 1-	4ACSR	0	0	578	150	31	4	3	0.01	4.66	0
CO4292	CO4291	7.52	2 1-	4ACSR	0	0	574	150	12	1	1	0.00	4.66	0
CO4288	CO4287	7.47	2 1-	4ACSR	0	0	581	150	33	4	3	0.01	4.65	0
OC-31436712	CO4288	7.47	1 1-	20 N FUSE	0	0	581	150	21	2	15	0.00	4.65	0
CO4289	OC-31436712	7.54	1 1-	4ACSR	0	0	571	150	21	2	2	0.01	4.66	0
CO4279	CO8279	7.30	4 1-	4ACSR	0	0	593	151	29	4	3	0.01	4.43	0
OC-1249878219	CO4279	7.30	4 1-	20 N FUSE	0	0	593	151	29	4	20	0.00	4.43	0
CO4280	OC-1249878219	7.31	4 1-	4ACSR	0	0	592	151	29	4	3	0.00	4.43	0
CO4282	CO4280	7.33	1 1-	4ACSR	0	0	589	151	6	0	1	0.00	4.44	0
CO4283	CO4282	7.36	1 1-	4ACSR	0	0	586	150	6	0	1	0.00	4.44	0
CO4281	CO4280	7.38	1 1-	4ACSR	0	0	584	150	9	1	1	0.00	4.44	0
CO4161	CO4280	7.34	2 1-	4ACSR	0	0	588	151	14	2	1	0.00	4.44	0
CO1757185684	CO4161	7.37	0 1-	2ACSR	0	0	585	150	0	0	0	0.00	4.44	0
CO4106	CO4116	7.26	0 1-	4ACSR	0	0	595	151	0	0	0	0.00	4.34	0
OC-1182290148	CO4106	7.26	0 1-	20 N FUSE	0	0	595	151	0	0	0	0.00	4.34	0
CO4104	CO-820349632	7.32	7 3-	1/0ACSR	813	769	594	151	129	6	3	0.04	4.16	7
CO4112	CO4104	7.40	5 3-	1/0ACSR	805	762	588	151	122	5	2	0.01	4.16	0
CO4113	CO4112	7.50	4 3-	1/0ACSR	795	752	580	150	117	5	2	0.01	4.17	0
CO4114	CO4113	7.51	3 1-	4ACSR	0	0	578	150	12	1	1	0.00	4.17	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC202305328	CO4114	7.51	3 1-	20 N FUSE	0	0	578	150	12	1	9	0.00	4.17	0
CO8282	OC202305328	7.70	3 1-	4ACSR	0	0	556	149	12	1	1	0.01	4.18	0
CO4320	CO8282	7.75	0 1-	4ACSR	0	0	551	148	0	0	0	0.00	4.18	0
CO4321	CO4320	7.77	0 1-	4ACSR	0	0	549	148	0	0	0	0.00	4.18	0
CO4319	CO8282	7.77	0 1-	4ACSR	0	0	549	148	0	0	0	0.00	4.18	0
CO4103	CO4113	7.63	1 3-	1/0ACSR	781	739	570	150	105	4	2	0.01	4.18	0
CO4110	CO4104	7.39	2 1-	4ACSR	0	0	585	150	7	0	1	0.00	4.16	0
OC1574741082	CO4110	7.39	1 1-	20 N FUSE	0	0	585	150	0	0	0	0.00	4.16	0
CO4111	OC1574741082	7.43	1 1-	4ACSR	0	0	581	150	0	0	0	0.00	4.16	0
CO4107	CO4111	7.50	1 1-	4ACSR	0	0	573	150	0	0	0	0.00	4.16	0
CO-1789353622	CO4109	7.01	1 1-	2ACSR	0	0	621	152	4	0	0	0.00	4.07	0
CO4105	CO8280	6.95	2 1-	4ACSR	0	0	623	152	6	0	1	0.00	3.84	0
OC-1818991667	CO4105	6.95	0 1-	20 N FUSE	0	0	623	152	0	0	0	0.00	3.84	0
CO4275	CO4274	6.85	1 1-	2ACSR	0	0	635	153	0	0	0	0.00	3.74	0
OC2065167057	CO4275	6.85	1 1-	20 N FUSE	0	0	635	153	0	0	0	0.00	3.74	0
CO4276	OC2065167057	6.89	1 1-	2ACSR	0	0	631	153	0	0	0	0.00	3.74	0
CO4267	CO4266	5.81	3 3-	1/0AAAC	1029	970	755	158	81	3	1	0.00	2.28	0
OC-229135211	CO4267	5.81	2 3-	20 N FUSE	1029	970	755	158	68	3	16	0.00	2.28	0
CO4268	OC-229135211	5.85	2 3-	1/0AAAC	1023	964	750	158	68	3	1	0.00	2.28	0
CO500536222	CO4268	5.86	0 3-	1/0AAAC	1022	963	749	158	0	0	0	0.00	2.28	0
CO4144	CO4267	5.89	1 1-	4ACSR	0	0	740	157	13	1	1	0.00	2.28	0
CO4162	CO4265	5.77	0 1-	2ACSR	0	0	758	158	0	0	0	0.00	2.20	0
OC1358967252	CO4162	5.77	0 1-	20 N FUSE	0	0	758	158	0	0	0	0.00	2.20	0
CO4261	CO4128	5.76	4 1-	4ACSR	0	0	755	158	13	1	1	0.01	2.17	0
OC-930178306	CO4261	5.76	4 1-	20 N FUSE	0	0	755	158	13	1	9	0.00	2.17	0
CO4262	OC-930178306	5.79	3 1-	4ACSR	0	0	750	157	4	0	0	0.00	2.17	0
CO4263	CO4262	5.84	2 1-	4ACSR	0	0	740	157	4	0	0	0.00	2.17	0
CO4264	CO4263	5.89	2 1-	4ACSR	0	0	731	156	4	0	0	0.00	2.17	0
CO4163	OC-930178306	5.81	1 1-	2ACSR	0	0	748	157	9	1	1	0.00	2.17	0
CO4257	CO4127	5.75	3 1-	4ACSR	0	0	755	158	12	1	1	0.01	2.10	0
OC353142057	CO4257	5.75	3 1-	20 N FUSE	0	0	755	158	12	1	8	0.00	2.10	0
CO4258	OC353142057	5.85	3 1-	4ACSR	0	0	736	157	12	1	1	0.01	2.10	0
CO4259	CO4258	5.91	2 1-	4ACSR	0	0	723	156	6	0	1	0.00	2.10	0
CO4260	CO4259	5.98	2 1-	4ACSR	0	0	711	155	6	0	1	0.00	2.10	0
CO4255	CO4125	5.61	1 1-	4ACSR	0	0	779	158	10	1	1	0.00	1.98	0
OC-599322937	CO4255	5.61	1 1-	20 N FUSE	0	0	779	158	10	1	7	0.00	1.98	0
CO4256	OC-599322937	5.63	1 1-	4ACSR	0	0	775	158	10	1	1	0.00	1.98	0
CO4251	CO4250	5.42	1 1-	2ACSR	0	0	808	159	3	0	0	0.00	1.63	0
OC-1076728243	CO4251	5.42	0 1-	20 N FUSE	0	0	808	159	0	0	0	0.00	1.63	0
CO4252	OC-1076728243	5.47	0 1-	2ACSR	0	0	799	159	0	0	0	0.00	1.63	0
CO4247	OC1151736273	4.98	0 3-	1/0ACSR	1199	1127	883	162	0	-14	6	0.00	1.04	0
CA56	CO4247	4.98	0 3-	Capacitor	1199	1127	883	162	0	-14	0	0.00	1.04	0
CO4150	CO4123	5.03	1 1-	4ACSR	0	0	869	161	19	2	2	0.00	1.04	0
OC985772819	CO4150	5.03	0 1-	20 N FUSE	0	0	869	161	0	0	0	0.00	1.04	0
CO4151	CO4121	4.98	3 1-	4ACSR	0	0	878	161	6	0	1	0.00	0.94	0
OC-36048594	CO4151	4.98	0 1-	20 N FUSE	0	0	878	161	0	0	0	0.00	0.94	0
CO4242	CO4120	4.90	3 1-	4ACSR	0	0	896	162	19	2	2	0.00	0.88	0
OC-966005954	CO4242	4.90	2 1-	20 N FUSE	0	0	896	162	12	1	8	0.00	0.88	0
CO4243	OC-966005954	4.93	2 1-	4ACSR	0	0	887	162	12	1	1	0.00	0.88	0
CO4244	CO4243	4.99	1 1-	4ACSR	0	0	872	161	5	0	1	0.00	0.89	0
CO4245	CO4244	5.13	0 1-	4ACSR	0	0	836	160	0	0	0	0.00	0.89	0
CO4246	CO4245	5.39	0 1-	4ACSR	0	0	775	157	0	0	0	0.00	0.89	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4160	CO4203	4.79	1 1-	2ACSR	0	0	918	162	10	1	1	0.00	0.69	0
OC-1839026344	CO4160	4.79	0 1-	20 N FUSE	0	0	918	162	0	0	0	0.00	0.69	0
CO4196	CO4195	4.70	9 1-	4ACSR	0	0	934	163	54	7	5	0.01	0.58	0
OC1750937980	CO4196	4.70	8 1-	20 N FUSE	0	0	934	163	51	6	35	0.00	0.58	0
CO4197	OC1750937980	4.77	8 1-	4ACSR	0	0	914	162	51	6	5	0.02	0.60	0
CO4198	CO4197	4.82	8 1-	4ACSR	0	0	901	162	51	6	5	0.01	0.61	0
CO4199	CO4198	4.87	6 1-	4ACSR	0	0	885	161	37	4	4	0.01	0.62	0
CO4200	CO4199	4.96	6 1-	4ACSR	0	0	861	160	37	4	4	0.02	0.64	0
CO4201	CO4200	5.03	4 1-	4ACSR	0	0	846	160	30	4	3	0.01	0.65	0
CO4202	CO4201	5.08	3 1-	4ACSR	0	0	831	159	16	2	2	0.00	0.66	0
CO4158	CO4202	5.15	1 1-	4ACSR	0	0	814	158	0	0	0	0.00	0.66	0
CO4138	CO4202	5.14	1 1-	4ACSR	0	0	817	159	4	0	0	0.00	0.66	0
CO4165	CO8228	4.43	1 1-	2ACSR	0	0	994	164	0	0	0	0.00	8.73	0
OC1473889093	CO4165	4.43	0 1-	20 N FUSE	0	0	994	164	0	0	0	0.00	8.73	0
CO902	CO459953315	4.45	0 1-	4ACSR	0	0	981	164	0	0	0	0.00	8.72	0
OC985335225	CO902	4.45	0 1-	20 N FUSE	0	0	981	164	0	0	0	0.00	8.72	0
CO901	CO1041	4.14	1 1-	4ACSR	0	0	1068	166	24	3	3	0.01	7.91	0
OC1230779769	CO901	4.14	0 1-	20 N FUSE	0	0	1068	166	0	0	0	0.00	7.91	0
CO905	CO847	4.01	1 1-	4ACSR	0	0	1104	166	12	1	1	0.00	7.66	0
CO897	CO845	3.50	0 1-	4ACSR	0	0	1261	168	0	0	0	0.00	6.38	0
OC-492858446	CO897	3.50	0 1-	20 N FUSE	0	0	1261	168	0	0	0	0.00	6.38	0
CO-1302388523	CO203002818	3.22	5 1-	2ACSR	0	0	1374	170	18	2	1	0.01	5.73	0
CO1114	CO1118	2.46	2 1-	4ACSR	0	0	1723	173	35	4	4	0.01	4.67	0
OC-2007922082	CO1114	2.46	2 1-	20 N FUSE	0	0	1723	173	35	4	25	0.00	4.67	0
CO1115	OC-2007922082	2.49	2 1-	4ACSR	0	0	1697	172	35	4	4	0.00	4.68	0
CO1116	CO1115	2.53	1 1-	4ACSR	0	0	1663	172	8	1	1	0.00	4.68	0
CO1135	CO1138	2.24	3 1-	4ACSR	0	0	1795	172	23	3	2	0.02	4.14	0
OC492619827	CO1135	2.24	2 1-	20 N FUSE	0	0	1795	172	23	3	16	0.00	4.14	0
CO1136	OC492619827	2.32	2 1-	4ACSR	0	0	1712	171	23	3	2	0.01	4.15	0
CO860	CO1136	2.36	1 1-	4ACSR	0	0	1675	171	21	2	2	0.00	4.16	0
CO859	CO1136	2.44	0 1-	4ACSR	0	0	1606	170	0	0	0	0.00	4.15	0
CO1142	CO1147	1.87	5 1-	4ACSR	0	0	2121	174	22	3	2	0.00	3.73	0
OC-142654726	CO1142	1.87	5 1-	20 N FUSE	0	0	2121	174	22	3	15	0.00	3.73	0
CO1144	OC-142654726	1.94	3 1-	4ACSR	0	0	2025	174	6	0	1	0.00	3.73	0
CO1145	CO1144	2.01	1 1-	4ACSR	0	0	1941	173	0	0	0	0.00	3.73	0
CO1143	OC-142654726	2.02	2 1-	4ACSR	0	0	1925	173	16	2	2	0.01	3.73	0
CO1148	CO8197	1.69	7 1-	4ACSR	0	0	2265	175	35	4	3	0.01	3.41	0
CO1150	CO1148	1.77	6 1-	4ACSR	0	0	2148	174	28	3	3	0.01	3.42	0
OC-304810482	CO1150	1.77	3 1-	20 N FUSE	0	0	2148	174	16	2	11	0.00	3.42	0
CO854	OC-304810482	1.82	1 1-	4ACSR	0	0	2080	173	9	1	1	0.00	3.42	0
CO1149	OC-304810482	1.89	2 1-	4ACSR	0	0	1986	173	7	0	1	0.00	3.42	0
CO1151	CO1149	1.98	1 1-	2ACSR	0	0	1892	172	0	0	0	0.00	3.42	0
CO914	CO1148	1.72	1 1-	2ACSR	0	0	2225	174	7	0	1	0.00	3.41	0
OC287079413	CO914	1.72	0 1-	20 N FUSE	0	0	2225	174	0	0	0	0.00	3.41	0
CO411	CO354	1.50	1 1-	4ACSR	0	0	2423	175	9	1	1	0.00	2.98	0
OC817823073	CO411	1.50	0 1-	20 N FUSE	0	0	2423	175	0	0	0	0.00	2.98	0
CO410	CO354	1.47	6 1-	4ACSR	0	0	2476	175	12	1	1	0.00	2.98	0
OC-729327729	CO410	1.47	0 1-	20 N FUSE	0	0	2476	175	0	0	0	0.00	2.98	0
CO597	CO357	1.38	2 1-	4ACSR	0	0	2520	175	22	3	2	0.02	2.67	0
OC864592307	CO597	1.38	1 1-	20 N FUSE	0	0	2520	175	22	3	16	0.00	2.67	0
CO595	OC864592307	1.42	1 1-	4ACSR	0	0	2427	174	22	3	2	0.01	2.68	0
CO596	CO595	1.48	1 1-	4ACSR	0	0	2321	174	22	3	2	0.00	2.68	0

Substation Power Factor: 0.98
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Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO717	CO338	1.05	37 3-	4/0ACSR	3712	3497	3131	177	411	18	6	0.02	2.16	8
OC103592321	CO717	1.05	36 3-	20 N FUSE	3712	3497	3131	177	409	18	94	0.00	2.16	0
CO718	OC103592321	1.07	36 3-	4/0ACSR	3682	3466	3098	177	409	18	6	0.00	2.16	0
CO716	CO718	1.10	34 3-	4/0ACSR	3629	3412	3043	177	344	15	5	0.01	2.17	2
CO715	CO716	1.20	32 3-	4/0ACSR	3474	3254	2883	176	340	15	5	0.02	2.18	7
CO2092947550	CO715	1.27	0 1-	2ACSR	0	0	2741	176	0	0	0	0.00	2.18	0
CO359	CO715	1.34	8 3-	4/0ACSR	3278	3057	2685	176	146	6	2	0.01	2.19	0
CO572	CO359	1.39	5 1-	4ACSR	0	0	2585	175	30	4	3	0.01	2.20	0
CO571	CO572	1.44	3 1-	4ACSR	0	0	2490	175	24	3	2	0.00	2.20	0
CO403	CO359	1.36	1 1-	4ACSR	0	0	2644	176	113	15	11	0.01	2.20	0
CO358	CO715	1.32	24 3-	4/0ACSR	3309	3088	2716	176	193	8	3	0.01	2.19	3
CO413	CO358	1.38	2 1-	4ACSR	0	0	2594	175	17	2	2	0.00	2.19	0
CO412	CO358	1.37	1 1-	4ACSR	0	0	2604	175	61	8	6	0.01	2.20	0
CO651	CO358	1.33	20 1-	4ACSR	0	0	2701	176	112	15	11	0.00	2.20	0
OC25	CO651	1.33	20 1-	35 L OCR	0	0	2701	176	112	15	44	0.00	2.20	0
CO652	OC25	1.41	20 1-	4ACSR	0	0	2517	175	112	15	11	0.06	2.26	11
CO692	CO652	1.51	20 1-	4ACSR	0	0	2336	174	112	15	11	0.06	2.32	10
CO8196	CO692	1.71	17 1-	4ACSR	0	0	2016	172	90	12	9	0.11	2.43	17
CO1011	CO8196	1.75	17 1-	4ACSR	0	0	1961	171	90	12	9	0.02	2.46	3
CO1012	CO1011	1.81	16 1-	4ACSR	0	0	1890	171	88	12	9	0.03	2.49	4
CO1013	CO1012	1.87	15 1-	4ACSR	0	0	1813	170	87	12	9	0.03	2.52	5
OC-398312663	CO1013	1.87	14 1-	20 N FUSE	0	0	1813	170	85	11	59	0.00	2.52	0
CO827	OC-398312663	2.09	9 1-	4ACSR	0	0	1586	168	66	9	7	0.09	2.61	10
CO1014	CO827	2.15	7 1-	4ACSR	0	0	1530	167	38	5	4	0.01	2.62	0
CO1015	CO1014	2.23	6 1-	4ACSR	0	0	1461	166	23	3	2	0.01	2.64	0
CO1016	CO1015	2.30	5 1-	4ACSR	0	0	1407	166	23	3	2	0.01	2.65	0
CO1017	CO1016	2.35	5 1-	4ACSR	0	0	1374	165	23	3	2	0.01	2.65	0
CO1018	CO1017	2.36	4 1-	4ACSR	0	0	1365	165	22	3	2	0.00	2.66	0
CO361	CO1018	2.41	4 1-	4ACSR	0	0	1332	165	22	3	2	0.01	2.66	0
CO618	CO361	2.43	2 1-	4ACSR	0	0	1316	164	17	2	2	0.00	2.66	0
CO433	CO618	2.46	1 1-	2ACSR	0	0	1300	164	11	1	1	0.00	2.67	0
CO619	CO618	2.49	1 1-	4ACSR	0	0	1280	164	6	0	1	0.00	2.67	0
CO608	CO361	2.48	1 1-	4ACSR	0	0	1287	164	2	0	0	0.00	2.66	0
CO607	CO608	2.50	1 1-	4ACSR	0	0	1273	164	2	0	0	0.00	2.66	0
CO858	CO827	2.11	1 1-	4ACSR	0	0	1564	168	14	2	1	0.00	2.61	0
CO857	CO827	2.11	1 1-	4ACSR	0	0	1568	168	13	1	1	0.00	2.61	0
CO826	OC-398312663	1.98	5 1-	4ACSR	0	0	1687	169	19	2	2	0.01	2.54	0
CO1022	CO826	2.00	4 1-	4ACSR	0	0	1668	169	15	2	1	0.00	2.54	0
CO1024	CO1022	2.06	3 1-	4ACSR	0	0	1612	168	14	1	1	0.00	2.54	0
CO1025	CO1024	2.09	2 1-	4ACSR	0	0	1583	168	9	1	1	0.00	2.54	0
CO1027	CO1025	2.11	1 1-	4ACSR	0	0	1567	168	8	1	1	0.00	2.54	0
CO1026	CO1025	2.12	1 1-	4ACSR	0	0	1556	168	1	0	0	0.00	2.54	0
CO1023	CO1022	2.01	1 1-	4ACSR	0	0	1659	169	1	0	0	0.00	2.54	0
CO1021	CO1023	2.08	1 1-	4ACSR	0	0	1594	168	1	0	0	0.00	2.54	0
CO1019	CO826	2.00	1 1-	4ACSR	0	0	1668	169	4	0	0	0.00	2.54	0
CO1020	CO1019	2.01	1 1-	4ACSR	0	0	1659	169	4	0	0	0.00	2.54	0
CO487	CO346	0.61	11 1-	6ACWC	0	0	3824	177	74	10	7	0.08	1.09	9
OC-1443394883	CO487	0.61	10 1-	20 N FUSE	0	0	3824	177	74	10	51	0.00	1.09	0
CO667	OC-1443394883	0.74	10 1-	6ACWC	0	0	3307	175	74	10	7	0.05	1.14	6
CO668	CO667	0.89	9 1-	6ACWC	0	0	2820	174	65	8	6	0.06	1.20	6
CO390	CO668	1.03	2 1-	6ACWC	0	0	2465	172	26	3	3	0.01	1.21	0
CO343	CO668	0.95	7 1-	6ACWC	0	0	2668	173	39	5	4	0.01	1.21	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO591	CO343	0.99	6 1-	6ACWC	0	0	2551	173	36	4	4	0.01	1.22	0
CO592	CO591	1.03	3 1-	6ACWC	0	0	2465	172	19	2	2	0.00	1.23	0
CO375783983	CO592	1.08	2 1-	2ACSR	0	0	2388	172	9	1	1	0.00	1.23	0
CO479	CO343	1.05	1 1-	6ACWC	0	0	2426	172	4	0	0	0.00	1.22	0
CO478	CO479	1.36	1 1-	6ACWC	0	0	1890	169	4	0	0	0.01	1.22	0
CO402	CO478	1.52	1 1-	6ACWC	0	0	1694	167	4	0	0	0.00	1.23	0
CO401	CO478	1.50	0 1-	6ACWC	0	0	1715	167	0	0	0	0.00	1.22	0
CO400	CO478	1.45	0 1-	6ACWC	0	0	1781	168	0	0	0	0.00	1.22	0
CO440	CO479	1.08	0 1-	4ACSR	0	0	2361	172	0	0	0	0.00	1.22	0
CO657	CO347	0.18	3 1-	4ACSR	0	0	6047	179	8	1	1	0.00	0.39	0
OC32	CO657	0.18	3 1-	20 N FUSE	0	0	6047	179	8	1	5	0.00	0.39	0
CO795	OC32	0.20	3 1-	4ACSR	0	0	5873	179	8	1	1	0.00	0.39	0
OC1048253225	CO795	0.20	2 1-	20 N FUSE	0	0	5873	179	3	0	2	0.00	0.39	0
CO796	OC1048253225	0.21	2 1-	4ACSR	0	0	5765	179	3	0	0	0.00	0.39	0
CO454	CO449	0.03	557 3-	750 MCM - 42 Wi	6732	7104	7211	180	4967	224	19	0.02	0.04	53
Inter Change	CO454	0.03	557 3-	560 200WVE	6732	7104	7211	180	4966	224	40	0.00	0.04	0
CO635	Inter Change	0.11	557 3-	336ACSR	6398	6575	6640	179	4966	224	43	0.13	0.17	740
CO797	CO635	0.19	557 3-	336ACSR	6096	6139	6152	179	4963	224	43	0.13	0.30	738
CO798	CO797	0.22	555 3-	336ACSR	5991	5997	5990	179	4957	224	43	0.05	0.35	271
CO636	CO798	0.27	555 3-	336ACSR	5841	5806	5762	179	4956	224	43	0.07	0.42	406
CO435	CO636	0.30	1 1-	4ACSR	0	0	5506	179	6	0	1	0.00	0.42	0
OC841861262	CO435	0.30	0 1-	20 N FUSE	0	0	5506	179	0	0	0	0.00	0.42	0
CO434	CO636	0.30	1 1-	4ACSR	0	0	5478	179	4	0	0	0.00	0.42	0
OC1488701892	CO434	0.30	0 1-	20 N FUSE	0	0	5478	179	0	0	0	0.00	0.42	0
CO637	CO636	0.31	553 3-	336ACSR	5696	5635	5546	179	4945	224	43	0.07	0.49	412
CO447	CO637	0.33	553 3-	336ACSR	5639	5568	5463	179	4943	224	43	0.03	0.52	167
OC781944671	CO447	0.33	553 3-	20 N FUSE	5639	5568	5463	179	4942	2241121	0.00	0.52	0	
CO457	OC781944671	0.34	16 3-	336ACSR	5600	5524	5408	179	223	10	2	0.00	0.52	0
CO801	CO457	0.38	16 3-	336ACSR	5505	5414	5273	179	223	10	2	0.00	0.52	0
CO802	CO801	0.44	15 3-	336ACSR	5331	5216	5030	179	222	10	2	0.00	0.52	0
CO456	CO802	0.47	15 3-	336ACSR	5248	5123	4918	179	222	10	2	0.00	0.53	0
CO736	CO456	0.51	13 3-	336ACSR	5142	5004	4776	179	167	7	1	0.00	0.53	0
CO737	CO736	0.57	13 3-	336ACSR	4996	4842	4584	179	167	7	1	0.00	0.53	0
CO379	CO737	0.66	1 1-	4ACSR	0	0	4096	178	8	1	1	0.00	0.54	0
OC-1478209292	CO379	0.66	0 1-	20 N FUSE	0	0	4096	178	0	0	0	0.00	0.54	0
CO367	CO737	0.64	1 3-	4ACSR	4693	4496	4209	178	66	3	2	0.00	0.54	0
OC-289237019	CO367	0.64	0 3-	20 N FUSE	4693	4496	4209	178	0	0	0	0.00	0.54	0
CO336	CO737	0.66	11 3-	336ACSR	4799	4627	4333	178	92	4	1	0.00	0.54	0
CO738	CO336	0.69	6 1-	4ACSR	0	0	4167	178	18	2	2	0.00	0.54	0
OC1759181146	CO738	0.69	4 1-	20 N FUSE	0	0	4167	178	15	2	10	0.00	0.54	0
CO739	OC1759181146	0.74	4 1-	4ACSR	0	0	3950	178	15	2	1	0.00	0.54	0
CO740	CO739	0.83	1 1-	4ACSR	0	0	3566	177	2	0	0	0.00	0.54	0
CO741	CO740	0.88	0 1-	4ACSR	0	0	3353	176	0	0	0	0.00	0.54	0
CO-1432239256	CO739	0.77	2 1-	2ACSR	0	0	3817	177	12	1	1	0.00	0.54	0
CO806	CO336	0.67	5 3-	336ACSR	4770	4595	4297	178	74	3	1	0.00	0.54	0
CO561	CO806	0.68	1 3-	4ACSR	4739	4560	4258	178	65	3	2	0.00	0.54	0
OC-1626549536	CO561	0.68	1 3-	20 N FUSE	4739	4560	4258	178	65	3	15	0.00	0.54	0
CO560	OC-1626549536	0.70	1 3-	4ACSR	4630	4435	4126	178	65	3	2	0.00	0.54	0
CO807	CO806	0.71	2 3-	336ACSR	4676	4494	4180	178	2	0	0	0.00	0.54	0
CO742	CO807	0.79	2 1-	4ACSR	0	0	3814	177	2	0	0	0.00	0.54	0
OC1636464612	CO742	0.79	1 1-	20 N FUSE	0	0	3814	177	1	0	1	0.00	0.54	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO743	OC1636464612	0.91	1 1-	4ACSR	0	0	3359	176	1	0	0	0.00	0.54	0
CO443	CO456	0.58	2 3-	2ACSR	4819	4646	4367	178	55	2	1	0.00	0.53	0
OC-1180763042	CO443	0.58	0 3-	20 N FUSE	4819	4646	4367	178	0	0	0	0.00	0.53	0
CO444	CO443	0.60	1 1-	2ACSR	0	0	4248	178	18	2	1	0.00	0.53	0
OC132306332	CO444	0.60	0 1-	20 N FUSE	0	0	4248	178	0	0	0	0.00	0.53	0
CO516	OC781944671	0.37	537 3-	4/0ACSR	5515	5428	5291	179	4719	213	63	0.07	0.59	453
CO514	CO516	0.38	537 3-	4/0ACSR	5464	5371	5220	179	4717	213	63	0.03	0.62	192
CO515	CO514	0.77	537 3-	4/0ACSR	4380	4188	3854	178	4716	213	63	0.82	1.44	5069
CO376	CO515	0.85	2 3-	4/0ACSR	4198	3996	3646	178	6	0	0	0.00	1.44	0
CO334	CO515	0.96	535 3-	4/0ACSR	3985	3774	3410	177	4686	213	63	0.40	1.84	2486
CO470	CO334	1.07	534 3-	4/0ACSR	3772	3554	3180	177	4673	213	63	0.25	2.09	1553
CO471	CO470	1.33	534 3-	4/0ACSR	3375	3152	2772	176	4666	213	63	0.54	2.64	3384
CO466	CO471	1.39	501 3-	4/0ACSR	3295	3072	2692	176	4457	204	60	0.12	2.75	713
CO465	CO466	1.46	501 3-	4/0ACSR	3204	2985	2602	176	4454	204	60	0.14	2.90	854
CO787	CO465	1.48	501 3-	4/0ACSR	3177	2959	2576	176	4450	204	60	0.04	2.94	261
CO788	CO787	1.52	501 3-	4/0ACSR	3132	2917	2533	176	4449	204	60	0.07	3.01	445
CO786	CO788	1.55	501 3-	4/0ACSR	3104	2889	2505	176	4446	204	60	0.05	3.06	290
CO30688	CO786	1.62	0 3-	4/0ACSR	3017	2807	2421	176	0	0	0	0.00	3.06	0
CO782	CO786	1.57	27 3-	4/0ACSR	3078	2864	2480	176	242	11	3	0.00	3.06	0
CO783	CO782	1.59	25 3-	4/0ACSR	3055	2843	2458	176	212	10	3	0.00	3.07	0
CO784	CO783	1.62	23 3-	4/0ACSR	3023	2812	2427	176	167	7	2	0.00	3.07	0
CO785	CO784	1.68	22 3-	4/0ACSR	2958	2751	2366	175	152	7	2	0.00	3.07	0
CO461	CO785	1.73	22 3-	4/0ACSR	2902	2698	2313	175	152	7	2	0.00	3.08	0
CO8188	CO461	1.82	3 1-	4ACSR	0	0	2168	174	17	2	2	0.01	3.08	0
OC674120004	CO8188	1.82	0 1-	20 N FUSE	0	0	2168	174	0	0	0	0.00	3.08	0
CO546	CO461	1.77	17 1-	1/0PRIURD	0	0	2276	441	81	11	8	0.01	3.09	0
OC-1170287987	CO546	1.77	9 1-	20 N FUSE	0	0	2276	441	68	9	49	0.00	3.09	0
CO655	OC-1170287987	1.80	9 1-	1/0PRIURD	0	0	2251	440	68	9	6	0.01	3.09	0
CO656	CO655	1.83	1 1-	1/0PRIURD	0	0	2225	439	50	7	5	0.00	3.10	0
CO369	CO461	1.76	1 1-	4ACSR	0	0	2256	175	4	0	0	0.00	3.08	0
OC-1600078378	CO369	1.76	0 1-	20 N FUSE	0	0	2256	175	0	0	0	0.00	3.08	0
CO332	CO786	1.55	474 3-	4/0ACSR	3096	2882	2497	176	4204	193	57	0.01	3.07	71
CA51	CO332	1.55	0 3-	Capacitor	3096	2882	2497	176	0	-28	0	0.00	3.07	0
CO463	CO332	1.61	460 3-	4/0ACSR	3028	2818	2432	176	3682	175	52	0.11	3.19	517
CO464	CO463	1.65	459 3-	4/0ACSR	2989	2781	2395	175	3614	172	51	0.07	3.26	304
CO459	CO464	1.69	459 3-	4/0ACSR	2938	2733	2347	175	3613	172	51	0.09	3.35	398
CO460	CO459	1.74	458 3-	4/0ACSR	2889	2686	2301	175	3541	168	50	0.09	3.43	389
CO328	CO460	1.77	23 3-	1/0ACSR	2852	2652	2267	175	1052	50	22	0.03	3.46	43
CO8182	CO328	1.81	1 3-	4ACSR	2781	2592	2203	175	73	3	2	0.00	3.46	0
CO544	CO328	1.81	22 3-	1/0ACSR	2809	2612	2227	175	979	46	20	0.03	3.49	45
CO545	CO544	1.85	21 3-	1/0ACSR	2753	2561	2176	175	978	46	20	0.04	3.53	59
CO368	CO545	1.87	1 3-	4ACSR	2724	2536	2150	174	121	5	4	0.00	3.54	0
CO780	CO545	1.88	19 3-	1/0ACSR	2728	2538	2153	175	853	40	18	0.02	3.55	21
CO8183	CO780	1.90	18 3-	1/0ACSR	2703	2515	2131	174	432	20	9	0.01	3.56	5
CO157	CO8183	1.93	18 3-	4/0ACSR	2673	2487	2104	174	432	20	6	0.01	3.57	4
CO158	CO157	1.94	16 3-	4/0ACSR	2662	2476	2093	174	411	19	6	0.00	3.57	0
CO156	CO158	1.97	15 3-	4/0ACSR	2642	2457	2075	174	352	16	5	0.00	3.57	0
CO155	CO156	1.98	13 3-	4/0ACSR	2629	2445	2063	174	328	15	5	0.00	3.58	0
CO154	CO155	2.01	7 3-	4/0ACSR	2609	2426	2045	174	287	13	4	0.00	3.58	0
CO153	CO154	2.02	1 3-	4/0ACSR	2595	2413	2032	174	247	11	3	0.00	3.58	0
CO152	CO153	2.04	1 3-	4/0ACSR	2584	2402	2022	174	247	11	3	0.00	3.58	0
400542002	CO152	2.04	1 3-	Consumer	2584	2402	2022	174	247	11	0	0.00	3.58	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
400332131	CO780	1.88	1 3-	Consumer	2728	2538	2153	175	421	20	0	0.00	3.55	0
CO8181	CO460	1.84	435 3-	4/0ACSR	2796	2598	2214	175	2487	118	35	0.12	3.56	383
CO67	CO8181	1.86	433 3-	4/0ACSR	2774	2577	2193	175	2476	118	35	0.03	3.59	95
CO235	CO67	1.96	406 3-	4/0ACSR	2684	2493	2111	175	2109	100	30	0.11	3.70	286
CO236	CO235	1.98	406 3-	4/0ACSR	2667	2476	2095	175	2107	100	30	0.02	3.72	59
CO324	CO236	1.98	186 3-	4/0ACSR	2663	2472	2091	174	606	28	9	0.00	3.72	0
CO325	CO324	2.07	186 3-	4/0ACSR	2588	2403	2023	174	606	28	9	0.03	3.75	21
CO159	CO325	2.13	185 3-	4/0ACSR	2541	2358	1981	174	603	28	8	0.02	3.77	14
CO65	CO159	2.17	1 3-	1/0PRIURD	2528	2344	1950	433	36	1	1	0.00	3.77	0
CO66	CO65	2.18	0 3-	1/0PRIURD	2525	2341	1943	433	0	0	0	0.00	3.77	0
CO22	CO159	2.18	181 3-	4/0ACSR	2500	2320	1944	174	563	26	8	0.02	3.79	11
CO23	CO22	2.20	170 3-	1/0ACSR	2482	2304	1928	174	485	23	10	0.01	3.79	6
CO88	CO23	2.26	53 3-	1/0ACSR	2430	2256	1883	174	163	7	3	0.01	3.80	0
CO89	CO88	2.29	50 3-	1/0ACSR	2404	2233	1860	173	158	7	3	0.00	3.81	0
CO55	CO89	2.32	1 1-	4ACSR	0	0	1822	173	0	0	0	0.00	3.81	0
CO21	CO89	2.35	47 3-	1/0ACSR	2346	2180	1810	173	149	7	3	0.01	3.81	0
CO322	CO21	2.36	25 1-	4ACSR	0	0	1804	173	80	11	8	0.00	3.82	0
OC11	CO322	2.36	25 1-	20 N FUSE	0	0	1804	173	80	11	57	0.00	3.82	0
CO323	OC11	2.41	25 1-	4ACSR	0	0	1754	172	80	11	8	0.02	3.84	3
CO27	CO323	2.49	0 1-	4ACSR	0	0	1675	172	0	0	0	0.00	3.84	0
CO3	CO323	2.45	19 1-	4ACSR	0	0	1717	172	67	9	7	0.02	3.86	0
CO26	CO3	2.53	5 1-	4ACSR	0	0	1639	171	14	2	1	0.00	3.86	0
CO4	CO3	2.50	14 1-	4ACSR	0	0	1669	172	53	7	5	0.02	3.88	0
CO104	CO4	2.52	2 1-	4ACSR	0	0	1652	171	4	0	0	0.00	3.88	0
CO105	CO104	2.56	2 1-	4ACSR	0	0	1618	171	4	0	0	0.00	3.88	0
CO106	CO105	2.60	2 1-	4ACSR	0	0	1578	170	4	0	0	0.00	3.88	0
CO107	CO106	2.65	2 1-	4ACSR	0	0	1543	170	4	0	0	0.00	3.88	0
CO108	CO107	2.67	1 1-	4ACSR	0	0	1524	170	2	0	0	0.00	3.88	0
CO102	CO4	2.55	11 1-	4ACSR	0	0	1622	171	46	6	5	0.01	3.89	0
CO103	CO102	2.58	7 1-	4ACSR	0	0	1598	171	38	5	4	0.01	3.90	0
CO165	CO103	2.61	7 1-	4ACSR	0	0	1568	170	38	5	4	0.01	3.91	0
CO166	CO165	2.65	3 1-	4ACSR	0	0	1540	170	22	3	2	0.00	3.91	0
CO164	CO166	2.76	1 1-	4ACSR	0	0	1456	169	13	1	1	0.00	3.92	0
CO320	CO21	2.36	20 1-	4ACSR	0	0	1804	173	63	9	7	0.00	3.82	0
OC10	CO320	2.36	20 1-	50 L OCR	0	0	1804	173	63	9	0	0.00	3.82	0
CO321	OC10	2.41	20 1-	4ACSR	0	0	1754	172	63	9	7	0.02	3.84	0
CO162	CO321	2.45	18 1-	4ACSR	0	0	1713	172	60	8	6	0.02	3.85	0
CO163	CO162	2.49	16 1-	4ACSR	0	0	1673	172	57	8	6	0.02	3.87	0
CO72	CO163	2.53	14 1-	4ACSR	0	0	1639	171	52	7	5	0.01	3.88	0
CO73	CO72	2.57	12 1-	4ACSR	0	0	1606	171	43	6	4	0.01	3.89	0
CO74	CO73	2.61	12 1-	4ACSR	0	0	1574	170	43	6	4	0.01	3.90	0
CO75	CO74	2.63	10 1-	4ACSR	0	0	1558	170	38	5	4	0.00	3.91	0
CO76	CO75	2.68	10 1-	4ACSR	0	0	1513	170	38	5	4	0.01	3.92	0
CO205	CO76	2.72	8 1-	4ACSR	0	0	1486	169	25	3	3	0.01	3.93	0
CO206	CO205	2.76	7 1-	4ACSR	0	0	1456	169	23	3	2	0.01	3.93	0
CO109	CO206	2.77	1 1-	4ACSR	0	0	1449	169	1	0	0	0.00	3.93	0
CO110	CO109	2.80	1 1-	4ACSR	0	0	1428	168	1	0	0	0.00	3.93	0
CO84	CO206	2.77	1 1-	4ACSR	0	0	1449	169	4	0	0	0.00	3.93	0
CO85	CO84	2.80	1 1-	4ACSR	0	0	1428	168	4	0	0	0.00	3.93	0
CO82	CO206	2.81	4 1-	4ACSR	0	0	1422	168	16	2	2	0.01	3.94	0
CO83	CO82	2.85	3 1-	2ACSR	0	0	1400	168	15	2	1	0.00	3.94	0
CO-36724182	CO83	2.87	0 1-	2ACSR	0	0	1385	168	0	0	0	0.00	3.94	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-161058764	CO83	2.87	1 1-	2ACSR	0	0	1389	168	2	0	0	0.00	3.94	0
CO86	CO23	2.26	115 3-	1/0ACSR	2427	2253	1880	174	309	14	6	0.02	3.81	7
CO87	CO86	2.37	114 3-	1/0ACSR	2334	2169	1800	173	294	14	6	0.03	3.84	12
CO202	CO87	2.41	114 3-	1/0ACSR	2298	2136	1770	173	294	14	6	0.01	3.85	4
CO203	CO202	2.50	108 3-	1/0ACSR	2223	2068	1706	172	221	10	5	0.02	3.87	6
CO111	CO203	2.63	48 1-	4ACSR	0	0	1596	171	109	15	11	0.09	3.96	16
OC-1547152296	CO111	2.63	48 1-	20 N FUSE	0	0	1596	171	109	15	78	0.00	3.96	0
CO304	OC-1547152296	2.63	8 1-	1/0PRIURD	0	0	1594	414	17	2	2	0.00	3.96	0
CO-882239867	OC-1547152296	2.64	19 1-	2ACSR	0	0	1589	171	44	6	3	0.00	3.96	0
CO305	CO-882239867	2.67	19 1-	1/0PRIURD	0	0	1575	412	44	6	4	0.00	3.96	0
CO306	CO305	2.68	11 1-	1/0PRIURD	0	0	1568	412	30	4	3	0.00	3.96	0
CO307	CO306	2.74	10 1-	1/0PRIURD	0	0	1543	410	23	3	2	0.00	3.97	0
CO1070978830	OC-1547152296	2.66	21 1-	2ACSR	0	0	1572	171	48	6	4	0.01	3.97	0
CO310	CO1070978830	2.67	21 1-	1/0PRIURD	0	0	1570	412	48	6	5	0.00	3.97	0
CO309	CO310	2.70	21 1-	1/0PRIURD	0	0	1556	411	48	6	5	0.00	3.97	0
CO308	CO309	2.73	13 1-	1/0PRIURD	0	0	1541	410	31	4	3	0.00	3.97	0
CO246	CO203	2.60	60 3-	1/0ACSR	2153	2004	1647	172	112	5	2	0.01	3.87	0
CO247	CO246	2.61	58 3-	1/0ACSR	2141	1993	1637	172	112	5	2	0.00	3.88	0
CO302	CO247	2.63	42 1-	1/0ACSR	0	0	1628	172	59	8	4	0.00	3.88	0
OC957496799	CO302	2.63	42 1-	20 N FUSE	0	0	1628	172	59	8	42	0.00	3.88	0
CO303	OC957496799	2.65	17 1-	1/0ACSR	0	0	1615	172	46	6	3	0.00	3.88	0
CO201	CO303	2.67	16 1-	1/0ACSR	0	0	1603	172	8	1	0	0.00	3.88	0
CO112	CO201	2.71	8 1-	1/0ACSR	0	0	1582	171	4	0	0	0.00	3.88	0
CO113	OC957496799	2.65	25 1-	1/0ACSR	0	0	1612	172	12	1	1	0.00	3.88	0
CO114	CO113	2.69	25 1-	1/0ACSR	0	0	1593	171	12	1	1	0.00	3.88	0
CO199	CO247	2.64	16 3-	1/0ACSR	2124	1978	1623	172	53	2	1	0.00	3.88	0
CO200	CO199	2.75	15 3-	1/0ACSR	2042	1903	1555	171	52	2	1	0.01	3.88	0
CO197	CO200	2.83	15 3-	1/0ACSR	1991	1856	1513	171	52	2	1	0.00	3.89	0
CO198	CO197	2.86	13 3-	1/0ACSR	1972	1839	1497	171	43	2	1	0.00	3.89	0
CO196	CO198	2.93	12 3-	1/0ACSR	1931	1802	1463	170	43	2	1	0.00	3.89	0
CO195	CO196	3.00	11 3-	1/0ACSR	1890	1764	1430	170	36	1	1	0.00	3.89	0
CO228	CO195	3.04	10 1-	1/0ACSR	0	0	1411	170	29	4	2	0.00	3.90	0
OC-107328187	CO228	3.04	10 1-	20 N FUSE	0	0	1411	170	29	4	21	0.00	3.90	0
CO229	OC-107328187	3.08	10 1-	1/0ACSR	0	0	1393	170	29	4	2	0.00	3.90	0
CO263	CO229	3.11	10 1-	1/0ACSR	0	0	1379	169	29	4	2	0.00	3.90	0
CO264	CO263	3.18	1 1-	1/0ACSR	0	0	1353	169	10	1	1	0.00	3.90	0
CO28	CO195	3.05	0 1-	1/0ACSR	0	0	1408	170	0	0	0	0.00	3.89	0
CO227	CO23	2.23	2 3-	1/0ACSR	2456	2280	1906	174	12	0	0	0.00	3.79	0
CO2	CO22	2.27	11 3-	4/0ACSR	2433	2258	1885	174	78	3	1	0.00	3.79	0
CO315	CO2	2.33	0 1-	4ACSR	0	0	1818	173	0	0	0	0.00	3.79	0
CO98	CO2	2.36	2 3-	2ACSR	2345	2180	1809	173	8	0	0	0.00	3.79	0
CO99	CO98	2.39	1 3-	2ACSR	2307	2146	1777	173	8	0	0	0.00	3.79	0
CO100	CO99	2.45	1 3-	2ACSR	2252	2098	1731	172	8	0	0	0.00	3.79	0
CO101	CO100	2.47	1 3-	2ACSR	2238	2086	1719	172	8	0	0	0.00	3.79	0
CO69	CO2	2.32	8 3-	2ACSR	2379	2210	1838	173	67	3	2	0.00	3.79	0
CO70	CO69	2.35	6 3-	2ACSR	2350	2184	1813	173	51	2	1	0.00	3.80	0
CO71	CO70	2.44	6 3-	2ACSR	2265	2110	1742	172	51	2	1	0.01	3.80	0
CO204	CO71	2.53	3 3-	2ACSR	2178	2032	1670	172	35	1	1	0.00	3.80	0
CO288	CO204	2.59	2 3-	2ACSR	2126	1987	1628	171	32	1	1	0.00	3.81	0
CO289	CO288	2.64	1 3-	2ACSR	2082	1947	1591	171	29	1	1	0.00	3.81	0
CO58	CO288	2.66	1 1-	2ACSR	0	0	1575	171	3	0	0	0.00	3.81	0
CO25	CO71	2.53	1 3-	2ACSR	2181	2036	1673	172	12	0	0	0.00	3.80	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO284	CO236	2.00	6 3-	4/0ACSR	2652	2462	2081	174	424	20	6	0.00	3.73	0
CO285	CO284	2.01	2 3-	4/0ACSR	2642	2453	2072	174	249	11	4	0.00	3.73	0
CO261	CO285	2.02	2 3-	4/0ACSR	2628	2440	2060	174	249	11	4	0.00	3.73	0
CO262	CO261	2.03	1 3-	4/0ACSR	2622	2435	2054	174	139	6	2	0.00	3.73	0
CO232	CO284	2.04	4 3-	4/0ACSR	2612	2425	2045	174	175	8	2	0.00	3.73	0
CO292	CO232	2.09	3 3-	4/0ACSR	2572	2388	2009	174	98	4	1	0.00	3.73	0
CO293	CO292	2.11	1 3-	4/0ACSR	2558	2374	1996	174	55	2	1	0.00	3.73	0
CO59	CO292	2.11	2 3-	2ACSR	2553	2371	1992	174	43	2	1	0.00	3.73	0
CO60	CO59	2.12	2 3-	1/0PRIURD	2550	2367	1984	434	43	2	1	0.00	3.73	0
CO5	CO236	2.00	213 3-	4/0ACSR	2646	2457	2076	174	1076	51	15	0.01	3.74	18
CO7	CO5	2.03	204 3-	1/0ACSR	2616	2430	2049	174	937	44	20	0.02	3.76	31
CO316	CO7	2.04	202 3-	1/0ACSR	2609	2423	2043	174	861	41	18	0.01	3.76	6
OC7	CO316	2.04	202 3-	100 L OCR	2609	2423	2043	174	860	41	41	0.00	3.76	0
CO317	OC7	2.18	202 3-	1/0ACSR	2465	2292	1916	174	860	41	18	0.11	3.87	141
CO225	CO317	2.20	201 3-	1/0ACSR	2451	2279	1904	173	845	40	18	0.01	3.89	15
CO1858591529	CO225	2.26	201 3-	1/0ACSR	2393	2226	1854	173	845	40	18	0.05	3.93	59
CO-2039025089	CO1858591529	2.29	199 3-	1/0ACSR	2371	2205	1834	173	829	39	17	0.02	3.95	23
CO116	CO-2039025089	2.32	7 1-	1/0ACSR	0	0	1810	173	25	3	2	0.00	3.95	0
CO265	CO116	2.34	7 1-	1/0ACSR	0	0	1796	173	25	3	2	0.00	3.96	0
CO297	CO265	2.37	3 1-	1/0ACSR	0	0	1776	173	7	1	0	0.00	3.96	0
CO117	CO297	2.38	1 1-	1/0ACSR	0	0	1762	173	5	0	0	0.00	3.96	0
CO31	CO265	2.38	1 1-	1/0ACSR	0	0	1762	173	6	0	0	0.00	3.96	0
CO61	CO-2039025089	2.30	1 1-	2ACSR	0	0	1821	173	2	0	0	0.00	3.95	0
CO167	CO-2039025089	2.30	191 3-	1/0ACSR	2354	2190	1820	173	802	38	17	0.01	3.96	16
CO298	CO167	2.35	190 3-	1/0ACSR	2320	2159	1790	173	793	38	17	0.03	3.99	33
CO299	CO298	2.37	188 3-	1/0ACSR	2302	2143	1775	173	776	37	16	0.01	4.01	17
CO240	CO299	2.45	181 3-	1/0ACSR	2235	2082	1718	172	747	35	16	0.05	4.06	60
CO241	CO240	2.46	179 3-	1/0ACSR	2225	2073	1710	172	733	35	15	0.01	4.07	9
CO242	CO241	2.52	179 3-	1/0ACSR	2179	2031	1671	172	733	35	15	0.04	4.11	42
CO243	CO242	2.55	176 3-	1/0ACSR	2156	2009	1652	172	715	34	15	0.02	4.13	21
CO30	CO243	2.59	1 1-	1/0ACSR	0	0	1626	172	8	1	1	0.00	4.13	0
CO8	CO243	2.59	175 3-	1/0ACSR	2128	1984	1629	172	707	33	15	0.02	4.15	25
CO248	CO8	2.60	154 3-	1/0ACSR	2122	1979	1624	171	608	29	13	0.00	4.16	4
CO249	CO248	2.62	154 3-	1/0ACSR	2105	1962	1609	171	608	29	13	0.01	4.17	12
CO52	CO249	2.64	2 1-	4ACSR	0	0	1593	171	9	1	1	0.00	4.17	0
CO9	CO249	2.67	150 3-	1/0ACSR	2072	1932	1581	171	585	28	12	0.02	4.19	21
CO77	CO9	2.69	44 1-	4ACSR	0	0	1566	171	205	29	21	0.03	4.22	9
CO177	CO77	2.78	44 1-	4ACSR	0	0	1495	170	205	29	21	0.12	4.34	41
CO178	CO177	2.80	42 1-	4ACSR	0	0	1479	170	196	28	20	0.03	4.37	9
CO300	CO178	2.85	11 1-	4ACSR	0	0	1445	169	47	6	5	0.02	4.39	0
CO301	CO300	2.88	10 1-	4ACSR	0	0	1424	169	43	6	4	0.01	4.40	0
CO272	CO301	2.92	8 1-	4ACSR	0	0	1399	169	40	5	4	0.01	4.40	0
CO274	CO272	2.93	5 1-	4ACSR	0	0	1393	168	21	3	2	0.00	4.41	0
CO275	CO274	2.96	4 1-	4ACSR	0	0	1373	168	16	2	2	0.00	4.41	0
CO273	CO275	2.97	0 1-	4ACSR	0	0	1365	168	0	0	0	0.00	4.41	0
CO36	CO274	2.95	1 1-	4ACSR	0	0	1380	168	5	0	1	0.00	4.41	0
CO35	CO300	2.86	1 1-	4ACSR	0	0	1435	169	4	0	0	0.00	4.39	0
CO14	CO178	2.83	31 1-	4ACSR	0	0	1462	169	148	21	15	0.02	4.40	6
CO280	CO14	2.86	3 1-	4ACSR	0	0	1442	169	14	2	1	0.00	4.40	0
CO281	CO280	2.90	2 1-	4ACSR	0	0	1409	169	7	0	1	0.00	4.40	0
CO37	CO280	2.87	1 1-	4ACSR	0	0	1428	169	7	1	1	0.00	4.40	0
CO181	CO14	2.89	27 1-	4ACSR	0	0	1419	169	128	18	13	0.05	4.45	11

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC1628364312	CO181	2.89	24 1-	20 N FUSE	0	0	1419	169	121	17	87	0.00	4.45	0
CO182	OC1628364312	2.94	24 1-	4ACSR	0	0	1387	168	121	17	12	0.04	4.48	7
CO180	CO182	3.05	21 1-	4ACSR	0	0	1315	167	108	15	11	0.08	4.57	14
CO78	CO180	3.06	18 1-	4ACSR	0	0	1309	167	102	14	10	0.01	4.57	0
CO268	CO78	3.12	9 1-	4ACSR	0	0	1273	166	51	7	5	0.02	4.59	0
CO136	CO268	3.20	2 1-	4ACSR	0	0	1231	166	9	1	1	0.00	4.59	0
CO137	CO136	3.23	1 1-	4ACSR	0	0	1211	165	6	0	1	0.00	4.60	0
CO269	CO268	3.17	5 1-	4ACSR	0	0	1244	166	30	4	3	0.01	4.60	0
CO134	CO269	3.21	3 1-	4ACSR	0	0	1221	166	18	2	2	0.00	4.60	0
CO135	CO134	3.28	1 1-	4ACSR	0	0	1189	165	7	0	1	0.00	4.60	0
CO15	CO78	3.12	9 1-	4ACSR	0	0	1276	167	50	7	5	0.02	4.59	0
CO179	CO15	3.15	8 1-	4ACSR	0	0	1258	166	42	6	4	0.01	4.60	0
CO219	CO179	3.19	7 1-	4ACSR	0	0	1236	166	39	5	4	0.01	4.61	0
CO220	CO219	3.23	4 1-	4ACSR	0	0	1213	165	27	3	3	0.01	4.62	0
CO38	CO220	3.25	1 1-	4ACSR	0	0	1203	165	8	1	1	0.00	4.62	0
CO193	CO220	3.30	2 1-	4ACSR	0	0	1177	165	16	2	2	0.00	4.62	0
CO-1552615471	CO193	3.36	0 1-	2ACSR	0	0	1154	164	0	0	0	0.00	4.62	0
CO1955683268	CO-1552615471	3.36	0 1-	2ACSR	0	0	1153	164	0	0	0	0.00	4.62	0
CO34	CO15	3.15	1 1-	4ACSR	0	0	1254	166	8	1	1	0.00	4.59	0
CO168	CO9	2.69	104 3-	1/0ACSR	2058	1920	1570	171	375	18	8	0.01	4.20	4
CO169	CO168	2.72	102 3-	1/0ACSR	2040	1903	1555	171	360	17	8	0.01	4.21	5
CO327	CO169	2.72	101 3-	750 MCM - 42 wi	2038	1901	1553	171	349	16	1	0.00	4.21	0
OC1	CO327	2.72	62 3-	NoDevice	2038	1901	1553	171	192	9	9	0.00	4.21	0
CO326	OC1	2.74	62 3-	1/0ACSR	2027	1891	1544	171	192	9	4	0.00	4.21	0
CO140	CO326	2.76	4 1-	1/0ACSR	0	0	1535	171	17	2	1	0.00	4.21	0
OC-1906149421	CO140	2.76	4 1-	20 N FUSE	0	0	1535	171	17	2	12	0.00	4.21	0
CO141	OC-1906149421	2.79	4 1-	1/0ACSR	0	0	1517	171	17	2	1	0.00	4.21	0
CO142	CO141	2.83	3 1-	1/0ACSR	0	0	1498	170	12	1	1	0.00	4.22	0
CO10	CO326	2.78	58 3-	1/0ACSR	2002	1869	1524	171	175	8	4	0.01	4.22	0
CO170	CO10	2.82	6 1-	1/0ACSR	0	0	1504	170	20	2	1	0.00	4.22	0
OC-340717935	CO170	2.82	4 1-	20 N FUSE	0	0	1504	170	11	1	8	0.00	4.22	0
CO171	OC-340717935	2.86	4 1-	1/0ACSR	0	0	1480	170	11	1	1	0.00	4.22	0
CO11	CO10	2.86	52 3-	1/0ACSR	1952	1823	1482	170	156	7	3	0.01	4.23	3
CO132	CO11	2.88	4 1-	1/0ACSR	0	0	1473	170	20	2	1	0.00	4.23	0
OC-67384211	CO132	2.88	2 1-	20 N FUSE	0	0	1473	170	5	0	4	0.00	4.23	0
CO133	OC-67384211	2.92	2 1-	1/0ACSR	0	0	1454	170	5	0	0	0.00	4.23	0
CO12	CO11	2.93	48 3-	1/0ACSR	1907	1781	1445	170	136	6	3	0.01	4.24	0
CO129	CO12	2.96	26 1-	4ACSR	0	0	1429	170	61	8	6	0.01	4.25	0
OC2	CO129	2.96	26 1-	25 L OCR	0	0	1429	170	61	8	35	0.00	4.25	0
CO186	OC2	3.00	26 1-	4ACSR	0	0	1403	169	61	8	6	0.01	4.26	0
CO187	CO186	3.03	23 1-	4ACSR	0	0	1379	169	56	8	6	0.01	4.28	0
CO189	CO187	3.07	18 1-	4ACSR	0	0	1356	168	43	6	4	0.01	4.29	0
CO149	CO189	3.10	4 1-	4ACSR	0	0	1338	168	10	1	1	0.00	4.29	0
CO151	CO149	3.15	1 1-	2ACSR	0	0	1311	168	6	0	0	0.00	4.29	0
CO148	CO149	3.14	0 1-	4ACSR	0	0	1314	168	0	0	0	0.00	4.29	0
CO130	CO189	3.11	12 1-	4ACSR	0	0	1330	168	29	4	3	0.01	4.29	0
CO131	CO130	3.15	8 1-	4ACSR	0	0	1307	168	19	2	2	0.00	4.30	0
CO286	CO131	3.17	4 1-	4ACSR	0	0	1295	167	12	1	1	0.00	4.30	0
CO287	CO286	3.22	2 1-	4ACSR	0	0	1266	167	7	1	1	0.00	4.30	0
CO33	CO286	3.21	2 1-	4ACSR	0	0	1271	167	5	0	0	0.00	4.30	0
CO53	CO12	2.95	1 1-	4ACSR	0	0	1431	170	1	0	0	0.00	4.24	0
OC-1262243096	CO53	2.95	0 1-	20 N FUSE	0	0	1431	170	0	0	0	0.00	4.24	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO183	CO12	2.99	15 1-	4ACSR	0	0	1405	169	47	6	5	0.02	4.26	0
CO184	CO183	3.03	15 1-	4ACSR	0	0	1382	169	47	6	5	0.01	4.27	0
CO217	CO184	3.07	13 1-	4ACSR	0	0	1358	168	41	5	4	0.01	4.28	0
CO218	CO217	3.11	12 1-	4ACSR	0	0	1334	168	40	5	4	0.01	4.29	0
CO185	CO218	3.14	12 1-	4ACSR	0	0	1311	168	40	5	4	0.01	4.30	0
CO276	CO185	3.19	10 1-	4ACSR	0	0	1282	167	34	4	3	0.01	4.31	0
CO127	CO276	3.22	0 1-	4ACSR	0	0	1269	167	0	0	0	0.00	4.31	0
CO128	CO127	3.24	0 1-	4ACSR	0	0	1254	167	0	0	0	0.00	4.31	0
CO277	CO276	3.24	8 1-	4ACSR	0	0	1255	167	28	4	3	0.01	4.32	0
CO215	CO277	3.27	8 1-	4ACSR	0	0	1240	166	28	4	3	0.00	4.32	0
CO216	CO215	3.30	5 1-	4ACSR	0	0	1225	166	23	3	2	0.00	4.33	0
CO190	CO216	3.33	3 1-	4ACSR	0	0	1210	166	17	2	2	0.00	4.33	0
CO32	CO185	3.16	2 1-	4ACSR	0	0	1300	168	7	0	1	0.00	4.30	0
CO311	CO32	3.20	1 1-	1/0PRIURD	0	0	1287	391	4	0	0	0.00	4.30	0
CO18	CO12	3.04	6 1-	1/0ACSR	0	0	1396	169	26	3	2	0.01	4.25	0
OC3	CO18	3.04	5 1-	25 L OCR	0	0	1396	169	25	3	14	0.00	4.25	0
CO45	OC3	3.14	1 1-	1/0ACSR	0	0	1355	169	5	0	0	0.00	4.25	0
CO44	OC3	3.18	1 1-	1/0ACSR	0	0	1335	169	14	2	1	0.00	4.25	0
CO43	OC3	3.09	3 1-	1/0ACSR	0	0	1373	169	6	0	0	0.00	4.25	0
CO17	CO327	2.77	39 1-	4ACSR	0	0	1519	170	157	22	16	0.05	4.25	12
CO221	CO17	2.81	13 1-	4ACSR	0	0	1486	170	64	9	7	0.02	4.27	0
CO222	CO221	2.84	12 1-	4ACSR	0	0	1467	170	58	8	6	0.01	4.28	0
CO174	CO222	2.88	10 1-	4ACSR	0	0	1440	169	45	6	5	0.01	4.29	0
CO270	CO174	2.93	10 1-	4ACSR	0	0	1404	169	45	6	5	0.02	4.31	0
CO271	CO270	2.97	8 1-	4ACSR	0	0	1379	168	36	5	4	0.01	4.32	0
CO175	CO271	3.02	5 1-	4ACSR	0	0	1346	168	23	3	2	0.00	4.32	0
CO176	CO175	3.06	2 1-	4ACSR	0	0	1322	167	5	0	0	0.00	4.32	0
CO42	CO270	2.96	1 1-	4ACSR	0	0	1382	168	6	0	1	0.00	4.31	0
CO172	CO17	2.82	24 1-	4ACSR	0	0	1480	170	86	12	9	0.03	4.28	4
CO173	CO172	2.93	20 1-	4ACSR	0	0	1401	169	70	10	7	0.05	4.33	5
CO255	CO173	2.98	8 1-	4ACSR	0	0	1368	168	23	3	2	0.01	4.33	0
CO256	CO255	3.04	2 1-	4ACSR	0	0	1332	168	6	0	1	0.00	4.34	0
CO40	CO255	3.06	3 1-	4ACSR	0	0	1323	167	11	1	1	0.00	4.34	0
CO223	CO173	3.00	8 1-	4ACSR	0	0	1356	168	24	3	3	0.01	4.34	0
CO224	CO223	3.05	5 1-	4ACSR	0	0	1328	168	17	2	2	0.00	4.34	0
CO41	CO224	3.10	2 1-	4ACSR	0	0	1299	167	8	1	1	0.00	4.34	0
CO244	CO8	2.67	20 1-	4ACSR	0	0	1561	171	92	13	9	0.05	4.20	7
CO245	CO244	2.70	18 1-	4ACSR	0	0	1535	170	82	11	8	0.02	4.22	2
CO146	CO245	2.74	3 1-	4ACSR	0	0	1506	170	13	1	1	0.00	4.22	0
CO147	CO146	2.82	1 1-	4ACSR	0	0	1450	169	5	0	1	0.00	4.22	0
CO118	CO147	2.87	1 1-	4ACSR	0	0	1410	169	5	0	1	0.00	4.22	0
CO266	CO245	2.73	15 1-	4ACSR	0	0	1517	170	69	9	7	0.01	4.23	0
CO125	CO266	2.75	0 1-	4ACSR	0	0	1503	170	0	0	0	0.00	4.23	0
CO126	CO125	2.77	0 1-	4ACSR	0	0	1485	170	0	0	0	0.00	4.23	0
CO267	CO266	2.78	11 1-	4ACSR	0	0	1474	169	57	8	6	0.02	4.25	0
CO119	CO267	2.81	9 1-	4ACSR	0	0	1454	169	37	5	4	0.01	4.25	0
CO120	CO119	2.86	7 1-	4ACSR	0	0	1423	169	29	4	3	0.01	4.26	0
CO121	CO120	2.92	5 1-	4ACSR	0	0	1382	168	18	2	2	0.01	4.27	0
CO122	CO121	2.96	5 1-	4ACSR	0	0	1351	168	18	2	2	0.01	4.27	0
CO123	CO122	3.01	5 1-	4ACSR	0	0	1321	167	18	2	2	0.01	4.28	0
CO124	CO123	3.05	5 1-	4ACSR	0	0	1296	167	18	2	2	0.00	4.28	0
CO51	CO8	2.63	1 1-	4ACSR	0	0	1597	171	7	0	1	0.00	4.15	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO237	CO299	2.42	7 1-	4ACSR	0	0	1723	172	29	4	3	0.01	4.02	0
CO294	CO237	2.43	6 1-	4ACSR	0	0	1715	172	27	3	3	0.00	4.02	0
CO295	CO294	2.46	2 1-	4ACSR	0	0	1684	172	9	1	1	0.00	4.02	0
CO238	CO294	2.48	4 1-	4ACSR	0	0	1662	171	18	2	2	0.01	4.02	0
CO239	CO238	2.50	3 1-	4ACSR	0	0	1650	171	13	1	1	0.00	4.03	0
CO57	CO239	2.56	3 1-	1/0PRIURD	0	0	1619	413	13	1	1	0.00	4.03	0
CO63	CO298	2.36	2 1-	4ACSR	0	0	1771	173	17	2	2	0.00	3.99	0
CO-2049213132	CO1858591529	2.28	2 1-	2ACSR	0	0	1836	173	16	2	1	0.00	3.93	0
CO54	CO317	2.22	1 3-	4ACSR	2414	2249	1874	173	15	0	1	0.00	3.87	0
CO46	CO7	2.11	1 1-	1/0ACSR	0	0	1981	174	1	0	0	0.00	3.76	0
CO6	CO5	2.03	9 3-	1/0ACSR	2611	2425	2045	174	138	6	3	0.00	3.74	0
CO318	CO6	2.04	8 3-	1/0ACSR	2604	2419	2039	174	30	1	1	0.00	3.74	0
OC9	CO318	2.04	8 3-	100 E OCR	2604	2419	2039	174	30	1	1	0.00	3.74	0
CO319	OC9	2.06	8 3-	1/0ACSR	2589	2405	2025	174	30	1	1	0.00	3.74	0
CO290	CO319	2.12	7 3-	1/0ACSR	2520	2342	1964	174	16	0	0	0.00	3.74	0
CO291	CO290	2.15	0 3-	1/0ACSR	2491	2316	1939	174	0	0	0	0.00	3.74	0
CO115	CO290	2.13	7 1-	1/0ACSR	0	0	1956	174	16	2	1	0.00	3.74	0
CO160	CO115	2.16	7 1-	1/0ACSR	0	0	1933	174	16	2	1	0.00	3.74	0
CO161	CO160	2.21	4 1-	1/0ACSR	0	0	1894	173	6	0	0	0.00	3.74	0
CO29	CO6	2.06	1 1-	1/0ACSR	0	0	2025	174	108	15	7	0.00	3.74	0
CO1	CO67	1.90	19 3-	4/0ACSR	2741	2546	2162	175	352	16	5	0.01	3.60	3
CO278	CO1	1.97	12 3-	4/0ACSR	2672	2481	2099	175	175	8	2	0.01	3.60	0
CO279	CO278	2.03	11 3-	4/0ACSR	2626	2438	2057	174	152	7	2	0.00	3.61	0
CO257	CO279	2.08	2 3-	4ACSR	2551	2375	1993	174	82	3	3	0.01	3.62	0
CO258	CO257	2.09	1 3-	4ACSR	2538	2365	1983	174	73	3	2	0.00	3.62	0
CO68	CO279	2.10	9 3-	4/0ACSR	2567	2383	2004	174	70	3	1	0.00	3.61	0
CO233	CO68	2.12	9 3-	4/0ACSR	2548	2365	1987	174	70	3	1	0.00	3.61	0
CO234	CO233	2.15	8 3-	4/0ACSR	2522	2341	1964	174	62	2	1	0.00	3.61	0
CO282	CO234	2.26	6 1-	4/0ACSR	0	0	1892	174	26	3	1	0.01	3.62	0
CO283	CO282	2.27	5 1-	4/0ACSR	0	0	1885	174	15	2	1	0.00	3.62	0
CO259	CO283	2.30	4 1-	4/0ACSR	0	0	1867	174	12	1	0	0.00	3.62	0
CO260	CO259	2.35	1 1-	4/0ACSR	0	0	1838	173	1	0	0	0.00	3.62	0
CO93	CO260	2.40	1 1-	4/0ACSR	0	0	1804	173	1	0	0	0.00	3.62	0
CO24	CO259	2.33	2 1-	4/0ACSR	0	0	1850	174	5	0	0	0.00	3.62	0
CO64	CO282	2.28	1 1-	2ACSR	0	0	1873	174	11	1	1	0.00	3.62	0
CO91	CO234	2.19	2 1-	4/0ACSR	0	0	1941	174	36	5	2	0.00	3.62	0
CO92	CO91	2.20	1 1-	4/0ACSR	0	0	1935	174	36	5	2	0.00	3.62	0
CO62	CO278	2.00	1 3-	4ACSR	2633	2449	2065	174	23	1	1	0.00	3.60	0
CO94	CO1	1.94	3 3-	4/0ACSR	2698	2506	2123	175	140	6	2	0.00	3.60	0
CO95	CO94	2.03	2 3-	4/0ACSR	2620	2433	2052	174	126	6	2	0.00	3.60	0
CO96	CO95	2.04	1 3-	4/0ACSR	2610	2424	2043	174	24	1	0	0.00	3.60	0
CO97	CO96	2.08	1 3-	4/0ACSR	2578	2393	2014	174	24	1	0	0.00	3.60	0
CO50	CO1	1.93	1 1-	4ACSR	0	0	2112	174	6	0	1	0.00	3.60	0
CO646	CO464	1.65	0 3-	4/0ACSR	2982	2774	2388	175	0	0	0	0.00	3.26	0
SW13-A	CO646	1.65	0 3-	Open	2982	2774	2388	175	0	0	0	0.00	3.26	0
CO781	CO332	1.63	14 3-	4ACSR	2951	2759	2365	175	521	24	18	0.07	3.15	65
CO8187	CO781	1.67	13 3-	4ACSR	2865	2686	2289	174	220	10	7	0.02	3.16	7
CO254	CO8187	1.72	7 3-	4ACSR	2777	2610	2212	174	64	3	2	0.01	3.17	0
CO253	CO254	1.75	4 3-	4ACSR	2723	2563	2166	174	20	0	1	0.00	3.17	0
CO251	CO254	1.73	3 3-	4ACSR	2763	2598	2200	174	44	2	1	0.00	3.17	0
CO252	CO251	1.75	0 3-	4ACSR	2723	2563	2166	174	0	0	0	0.00	3.17	0
CO230	CO8187	1.70	5 3-	4ACSR	2807	2635	2238	174	152	7	5	0.01	3.17	2

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO231	CO230	1.71	5 3-	4ACSR	2788	2619	2222	174	152	7	5	0.00	3.18	0
CO250	CO231	1.73	2 3-	4ACSR	2756	2591	2194	174	109	5	4	0.00	3.18	0
400332136	CO781	1.63	1 3-	Consumer	2951	2759	2365	175	301	14	0	0.00	3.15	0
CO648	CO471	1.34	33 3-	2ACSR	3362	3139	2759	176	193	9	5	0.00	2.64	0
OC17	CO648	1.34	33 3-	70 L OCR	3362	3139	2759	176	193	9	13	0.00	2.64	0
CO649	OC17	1.39	33 3-	2ACSR	3262	3046	2661	176	193	9	5	0.01	2.65	4
CO556	CO649	1.45	9 3-	2ACSR	3154	2948	2558	175	58	2	2	0.00	2.65	0
CO559	CO556	1.52	8 3-	2ACSR	3031	2836	2442	175	47	2	1	0.00	2.66	0
CO557	CO559	1.56	6 3-	2ACSR	2962	2774	2379	175	27	1	1	0.00	2.66	0
CO558	CO557	1.62	2 1-	2ACSR	0	0	2293	174	2	0	0	0.00	2.66	0
OC-859717679	CO558	1.62	0 1-	20 N FUSE	0	0	2293	174	0	0	0	0.00	2.66	0
CO467	CO649	1.44	22 3-	2ACSR	3164	2957	2567	175	127	6	3	0.01	2.66	0
CO469	CO467	1.50	20 3-	2ACSR	3071	2872	2479	175	120	5	3	0.01	2.67	0
CO468	CO469	1.54	19 3-	2ACSR	3000	2809	2414	175	111	5	3	0.01	2.67	0
CO374	CO468	1.58	2 1-	2ACSR	0	0	2361	175	10	1	1	0.00	2.67	0
OC1385495031	CO374	1.58	0 1-	20 N FUSE	0	0	2361	175	0	0	0	0.00	2.67	0
CO333	CO468	1.58	16 3-	2ACSR	2942	2756	2361	175	99	4	3	0.00	2.68	0
CO555	CO333	1.62	3 1-	2ACSR	0	0	2301	174	9	1	1	0.00	2.68	0
OC39163491	CO555	1.62	2 1-	20 N FUSE	0	0	2301	174	9	1	6	0.00	2.68	0
CO553	OC39163491	1.70	2 1-	2ACSR	0	0	2189	174	9	1	1	0.00	2.68	0
CO554	CO553	1.74	2 1-	2ACSR	0	0	2144	173	9	1	1	0.00	2.68	0
CO552	CO333	1.63	10 1-	2ACSR	0	0	2276	174	76	10	6	0.02	2.70	2
OC732633354	CO552	1.63	10 1-	20 N FUSE	0	0	2276	174	76	10	54	0.00	2.70	0
CO551	OC732633354	1.72	8 1-	2ACSR	0	0	2167	173	52	7	4	0.02	2.71	0
CO428	CO551	1.77	3 1-	2ACSR	0	0	2096	173	17	2	1	0.00	2.72	0
CO429	CO428	1.82	1 1-	1/0ACSR	0	0	2048	173	6	0	0	0.00	2.72	0
CO799	CO551	1.76	2 1-	2ACSR	0	0	2118	173	13	1	1	0.00	2.72	0
CO800	CO799	1.80	1 1-	2ACSR	0	0	2066	173	4	0	0	0.00	2.72	0
CO373	OC732633354	1.69	2 1-	2ACSR	0	0	2205	174	23	3	2	0.00	2.70	0
CO375	CO334	1.06	1 1-	4/0ACSR	0	0	3200	177	1	0	0	0.00	1.84	0
OC-1296553035	CO375	1.06	0 1-	20 N FUSE	0	0	3200	177	0	0	0	0.00	1.84	0
CO396	CO637	0.33	0 1-	4ACSR	0	0	5410	179	0	0	0	0.00	0.49	0
OC-484201183	CO396	0.33	0 1-	20 N FUSE	0	0	5410	179	0	0	0	0.00	0.49	0
CO453	CO449	0.02	194 3-	750 MCM - 42 WI	6745	7126	7235	180	4590	207	18	0.01	0.04	37
Bluestone	CO453	0.02	194 3-	560 200WVE	6745	7126	7235	180	4590	207	37	0.00	0.04	0
CO495	Bluestone	0.03	194 3-	336ACSR	6705	7059	7164	180	4590	207	40	0.01	0.05	72
CO679	CO495	0.09	194 3-	336ACSR	6469	6681	6759	180	4589	207	40	0.08	0.13	442
CO680	CO679	0.13	194 3-	336ACSR	6326	6467	6522	179	4587	207	40	0.05	0.19	282
CO17301	CO680	0.20	193 3-	336ACSR	6060	6090	6096	179	4585	207	40	0.10	0.29	561
CO494	CO17301	0.27	193 3-	336ACSR	5817	5777	5726	179	4583	207	40	0.10	0.39	555
CO627	CO494	0.31	1 1-	4ACSR	0	0	5431	179	30	4	3	0.01	0.40	0
OC893663481	CO627	0.31	1 1-	20 N FUSE	0	0	5431	179	30	4	21	0.00	0.40	0
CO626	OC893663481	0.37	1 1-	4ACSR	0	0	5011	178	30	4	3	0.01	0.40	0
CO492	CO494	0.35	192 3-	336ACSR	5596	5519	5402	179	4550	205	40	0.10	0.49	538
CO491	CO492	0.42	192 3-	336ACSR	5382	5274	5100	179	4547	205	40	0.10	0.59	560
CO493	CO491	0.47	192 3-	336ACSR	5245	5120	4914	179	4544	205	40	0.07	0.66	380
CO532	CO493	0.53	8 3-	1/0ACSR	5026	4880	4629	179	35	1	1	0.00	0.67	0
OC-96985658	CO532	0.53	8 3-	20 N FUSE	5026	4880	4629	179	35	1	8	0.00	0.67	0
CO536	OC-96985658	0.59	8 3-	1/0ACSR	4829	4665	4383	178	35	1	1	0.00	0.67	0
CO533	CO536	0.65	8 3-	1/0ACSR	4625	4445	4137	178	35	1	1	0.00	0.67	0
CO534	CO533	0.77	8 3-	1/0ACSR	4295	4092	3755	177	35	1	1	0.00	0.67	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO535	CO534	0.80	8 3-	1/0ACSR	4199	3990	3647	177	35	1	1	0.00	0.67	0
CO537	CO535	1.04	7 1-	2ACSR	0	0	2970	175	31	4	2	0.03	0.71	0
OC1584222863	CO537	1.04	7 1-	20 N FUSE	0	0	2970	175	31	4	22	0.00	0.71	0
CO543	OC1584222863	1.30	7 1-	2ACSR	0	0	2459	174	31	4	2	0.04	0.74	0
CO538	CO543	1.42	7 1-	2ACSR	0	0	2267	173	31	4	2	0.02	0.76	0
CO542	CO538	1.49	7 1-	2ACSR	0	0	2176	172	31	4	2	0.01	0.77	0
CO539	CO542	1.55	7 1-	2ACSR	0	0	2090	172	31	4	2	0.01	0.78	0
CO541	CO539	1.63	7 1-	2ACSR	0	0	1998	171	31	4	2	0.01	0.79	0
CO540	CO541	1.70	6 1-	2ACSR	0	0	1922	171	31	4	2	0.01	0.80	0
CO633	CO540	1.77	6 1-	2ACSR	0	0	1850	170	31	4	2	0.01	0.81	0
CO632	CO633	1.80	6 1-	2ACSR	0	0	1819	170	31	4	2	0.00	0.81	0
CO8193	CO632	1.87	6 1-	2ACSR	0	0	1754	169	31	4	2	0.01	0.82	0
CO2802	CO8193	1.92	6 1-	2ACSR	0	0	1716	169	31	4	2	0.01	0.83	0
CO2806	CO2802	1.98	6 1-	2ACSR	0	0	1661	169	31	4	2	0.01	0.84	0
CO2803	CO2806	2.03	6 1-	2ACSR	0	0	1627	168	31	4	2	0.01	0.85	0
CO2805	CO2803	2.09	6 1-	2ACSR	0	0	1582	168	31	4	2	0.01	0.85	0
CO2804	CO2805	2.14	6 1-	2ACSR	0	0	1546	168	31	4	2	0.01	0.86	0
CO1970299545	CO2804	2.23	5 1-	2ACSR	0	0	1488	167	30	4	2	0.01	0.87	0
CO-1228580062	CO1970299545	2.26	3 1-	2ACSR	0	0	1465	167	21	2	2	0.00	0.87	0
CO2022052747	CO1970299545	2.27	0 1-	2ACSR	0	0	1460	167	0	0	0	0.00	0.87	0
CO531	CO493	0.54	184 3-	336ACSR	5057	4910	4663	179	4508	204	39	0.10	0.77	549
CO530	CO531	0.57	183 3-	336ACSR	5006	4853	4597	179	4501	203	39	0.03	0.79	155
CO746	CO530	0.59	182 3-	336ACSR	4943	4784	4516	179	4480	203	39	0.04	0.83	193
CO745	CO746	0.65	182 3-	336ACSR	4818	4648	4357	178	4479	203	39	0.07	0.90	397
CO529	CO745	0.70	181 3-	336ACSR	4691	4510	4198	178	4446	201	39	0.08	0.98	422
CO528	CO529	0.78	180 3-	336ACSR	4540	4348	4015	178	4429	200	39	0.10	1.08	528
CO436	CO528	0.86	1 3-	4ACSR	4251	4023	3685	177	11	0	0	0.00	1.08	0
OC-1756941536	CO436	0.86	0 3-	20 N FUSE	4251	4023	3685	177	0	0	0	0.00	1.08	0
CO525	CO528	0.83	179 3-	336ACSR	4447	4248	3903	178	4415	200	39	0.06	1.15	343
CO527	CO525	0.87	179 3-	336ACSR	4358	4155	3799	178	4414	200	39	0.06	1.21	338
CO17292	CO527	0.93	1 3-	2ACSR	4199	3983	3619	178	780	35	20	0.05	1.26	65
OC1806776408	CO17292	0.93	0 3-	20 N FUSE	4199	3983	3619	178	0	0	0	0.00	1.26	0
400332078	CO17292	0.93	1 3-	Consumer	4199	3983	3619	178	780	35	0	0.00	1.26	0
CO526	CO527	0.89	178 3-	336ACSR	4323	4118	3758	178	3632	164	32	0.02	1.23	91
CO791	CO526	0.93	177 3-	336ACSR	4254	4045	3678	178	3605	163	31	0.04	1.27	184
CO792	CO791	0.97	175 3-	336ACSR	4182	3970	3596	178	3571	161	31	0.04	1.32	193
CO644	CO792	0.98	67 3-	4/0ACSR	4169	3956	3581	178	627	28	9	0.00	1.32	0
OC19	CO644	0.98	67 3-	100 L OCR	4169	3956	3581	178	627	28	29	0.00	1.32	0
CO645	OC19	1.09	67 3-	4/0ACSR	3960	3741	3354	178	627	28	9	0.03	1.35	26
CO380	CO645	1.11	1 1-	4ACSR	0	0	3267	177	6	0	1	0.00	1.35	0
CO776	CO645	1.17	66 3-	4/0ACSR	3803	3581	3187	177	622	28	8	0.03	1.38	21
CO777	CO776	1.27	65 3-	4/0ACSR	3650	3425	3028	177	616	28	8	0.03	1.40	21
CO563	CO777	1.32	2 1-	4ACSR	0	0	2885	176	12	1	1	0.00	1.41	0
CO562	CO563	1.38	1 1-	4ACSR	0	0	2750	176	7	0	1	0.00	1.41	0
CO476	CO777	1.38	60 3-	4/0ACSR	3478	3253	2854	177	569	26	8	0.03	1.43	22
CO477	CO476	1.41	60 3-	4/0ACSR	3438	3212	2814	177	568	26	8	0.01	1.44	6
CO475	CO477	1.47	59 3-	4/0ACSR	3352	3127	2729	177	561	25	8	0.02	1.46	12
CO778	CO475	1.65	58 3-	4/0ACSR	3129	2905	2511	176	544	25	7	0.05	1.50	31
CO779	CO778	1.73	56 3-	4/0ACSR	3027	2810	2415	176	531	24	7	0.02	1.53	15
CO472	CO779	1.81	15 1-	4ACSR	0	0	2290	175	121	16	12	0.05	1.58	9
OC-1388199202	CO472	1.81	9 1-	20 N FUSE	0	0	2290	175	93	12	64	0.00	1.58	0
CO8227	OC-1388199202	1.85	9 1-	4ACSR	0	0	2222	174	93	12	9	0.02	1.60	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2588	CO8227	1.92	8 1-	4ACSR	0	0	2126	174	68	9	7	0.03	1.63	3
CO2589	CO2588	2.03	7 1-	4ACSR	0	0	1976	173	54	7	5	0.03	1.66	3
CO2587	CO2589	2.07	6 1-	4ACSR	0	0	1915	172	41	5	4	0.01	1.67	0
CO2586	CO2587	2.19	5 1-	4ACSR	0	0	1783	171	26	3	3	0.02	1.69	0
CO2595	CO2586	2.32	2 1-	4ACSR	0	0	1647	169	4	0	0	0.00	1.69	0
CO2590	CO2595	2.46	2 1-	4ACSR	0	0	1520	168	4	0	0	0.00	1.69	0
CO2594	CO2590	2.56	1 1-	4ACSR	0	0	1439	167	0	0	0	0.00	1.69	0
CO2591	CO2594	2.69	0 1-	4ACSR	0	0	1353	166	0	0	0	0.00	1.69	0
CO2593	CO2591	2.78	0 1-	4ACSR	0	0	1291	165	0	0	0	0.00	1.69	0
CO2592	CO2593	2.86	0 1-	4ACSR	0	0	1246	164	0	0	0	0.00	1.69	0
CO1177799060	CO2594	2.82	1 1-	2ACSR	0	0	1301	165	0	0	0	0.00	1.69	0
CO2729	CO2586	2.26	1 1-	4ACSR	0	0	1703	170	16	2	2	0.01	1.69	0
CO2731	CO2729	2.38	1 1-	4ACSR	0	0	1594	169	16	2	2	0.01	1.71	0
CO2730	CO2731	2.46	1 1-	4ACSR	0	0	1520	168	16	2	2	0.00	1.71	0
CO8220	CO779	1.95	39 3-	4/0ACSR	2803	2599	2206	175	384	17	5	0.04	1.57	19
CO1535	CO8220	2.11	36 3-	4/0ACSR	2657	2462	2073	175	351	16	5	0.03	1.59	12
CO1536	CO1535	2.26	26 3-	4/0ACSR	2533	2346	1962	174	248	11	3	0.02	1.61	5
CO-822488528	CO1536	2.38	2 1-	2ACSR	0	0	1852	173	31	4	2	0.01	1.62	0
OC-1671704650	CO-822488528	2.38	0 1-	20 N FUSE	0	0	1852	173	0	0	0	0.00	1.62	0
CO1593	CO1536	2.32	1 1-	4ACSR	0	0	1898	174	10	1	1	0.00	1.61	0
OC2078980915	CO1593	2.32	0 1-	20 N FUSE	0	0	1898	174	0	0	0	0.00	1.61	0
CO1537	CO1536	2.32	19 3-	4/0ACSR	2489	2305	1924	174	177	8	2	0.00	1.62	0
CO2017	CO1537	2.33	1 1-	4ACSR	0	0	1916	174	5	0	1	0.00	1.62	0
OC61	CO2017	2.33	1 1-	70 L OCR	0	0	1916	174	5	0	1	0.00	1.62	0
CO2018	OC61	2.36	1 1-	4ACSR	0	0	1879	174	5	0	1	0.00	1.62	0
CO1768	CO2018	2.46	1 1-	4ACSR	0	0	1780	173	5	0	1	0.00	1.62	0
CO1771	CO1768	2.72	0 1-	4ACSR	0	0	1542	170	0	0	0	0.00	1.62	0
CO1769	CO1771	2.75	0 1-	4ACSR	0	0	1515	169	0	0	0	0.00	1.62	0
CO1770	CO1769	2.78	0 1-	4ACSR	0	0	1492	169	0	0	0	0.00	1.62	0
CO-1804838249	CO1770	2.79	0 1-	2ACSR	0	0	1487	169	0	0	0	0.00	1.62	0
CO-2127045270	CO-1804838249	2.82	0 1-	2ACSR	0	0	1471	169	0	0	0	0.00	1.62	0
OH255	CO-2127045270	2.99	0 1-	2ACSR	0	0	1371	168	0	0	0	0.00	1.62	0
OH257	OH255	3.26	0 1-	2ACSR	0	0	1245	166	0	0	0	0.00	1.62	0
OH327	OH257	3.32	0 1-	2ACSR	0	0	1215	165	0	0	0	0.00	1.62	0
OH326	OH257	3.34	0 1-	2ACSR	0	0	1209	165	0	0	0	0.00	1.62	0
OH258	OH257	3.36	0 1-	2ACSR	0	0	1202	165	0	0	0	0.00	1.62	0
OH259	OH258	3.39	0 1-	2ACSR	0	0	1188	165	0	0	0	0.00	1.62	0
OH260	OH259	3.50	0 1-	2ACSR	0	0	1146	164	0	0	0	0.00	1.62	0
OH261	OH260	3.61	0 1-	2ACSR	0	0	1105	164	0	0	0	0.00	1.62	0
OH325	OH261	3.66	0 1-	2ACSR	0	0	1086	163	0	0	0	0.00	1.62	0
OH324	OH261	3.70	0 1-	2ACSR	0	0	1075	163	0	0	0	0.00	1.62	0
OH262	OH261	3.74	0 1-	2ACSR	0	0	1061	163	0	0	0	0.00	1.62	0
OH263	OH262	4.06	0 1-	2ACSR	0	0	967	161	0	0	0	0.00	1.62	0
OH264	OH263	4.29	0 1-	2ACSR	0	0	907	159	0	0	0	0.00	1.62	0
OH265	OH264	4.57	0 1-	2ACSR	0	0	845	157	0	0	0	0.00	1.62	0
OH266	OH265	4.62	0 1-	2ACSR	0	0	834	157	0	0	0	0.00	1.62	0
OH321	OH266	4.68	0 1-	2ACSR	0	0	822	157	0	0	0	0.00	1.62	0
OH320	OH266	4.68	0 1-	2ACSR	0	0	823	157	0	0	0	0.00	1.62	0
OH323	OH320	4.72	0 1-	2ACSR	0	0	816	156	0	0	0	0.00	1.62	0
OH322	OH320	4.74	0 1-	2ACSR	0	0	811	156	0	0	0	0.00	1.62	0
OH315	OH322	4.80	0 1-	2ACSR	0	0	800	156	0	0	0	0.00	1.62	0
OH271	OH322	4.78	0 1-	2ACSR	0	0	803	156	0	0	0	0.00	1.62	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OH268	OH322	4.80	0 1-	2ACSR	0	0	800	156	0	0	0	0.00	1.62	0
OH274	OH268	4.87	0 1-	2ACSR	0	0	787	155	0	0	0	0.00	1.62	0
OH276	OH274	4.97	0 1-	2ACSR	0	0	769	155	0	0	0	0.00	1.62	0
OH314	OH276	5.10	0 1-	2ACSR	0	0	747	154	0	0	0	0.00	1.62	0
OH277	OH276	5.10	0 1-	2ACSR	0	0	748	154	0	0	0	0.00	1.62	0
OH312	OH277	5.18	0 1-	2ACSR	0	0	734	154	0	0	0	0.00	1.62	0
OH313	OH312	5.27	0 1-	2ACSR	0	0	721	153	0	0	0	0.00	1.62	0
OH278	OH277	5.20	0 1-	2ACSR	0	0	731	153	0	0	0	0.00	1.62	0
OH311	OH278	5.26	0 1-	2ACSR	0	0	722	153	0	0	0	0.00	1.62	0
OH279	OH278	5.31	0 1-	2ACSR	0	0	714	153	0	0	0	0.00	1.62	0
OH306	OH279	5.47	0 1-	2ACSR	0	0	692	152	0	0	0	0.00	1.62	0
OH307	OH306	5.54	0 1-	2ACSR	0	0	682	151	0	0	0	0.00	1.62	0
OH309	OH307	5.58	0 1-	2ACSR	0	0	676	151	0	0	0	0.00	1.62	0
OH310	OH309	5.63	0 1-	2ACSR	0	0	669	151	0	0	0	0.00	1.62	0
OH308	OH307	5.59	0 1-	2ACSR	0	0	675	151	0	0	0	0.00	1.62	0
OH301	OH279	5.52	0 1-	2ACSR	0	0	684	152	0	0	0	0.00	1.62	0
OH328	OH301	5.59	0 1-	2ACSR	0	0	675	151	0	0	0	0.00	1.62	0
OH302	OH301	5.68	0 1-	2ACSR	0	0	663	151	0	0	0	0.00	1.62	0
OH303	OH302	5.82	0 1-	2ACSR	0	0	646	150	0	0	0	0.00	1.62	0
OH305	OH303	5.89	0 1-	2ACSR	0	0	637	149	0	0	0	0.00	1.62	0
OH304	OH303	5.85	0 1-	2ACSR	0	0	641	150	0	0	0	0.00	1.62	0
OH280	OH279	5.42	0 1-	2ACSR	0	0	698	152	0	0	0	0.00	1.62	0
OH300	OH280	5.53	0 1-	2ACSR	0	0	683	151	0	0	0	0.00	1.62	0
OH281	OH280	5.56	0 1-	2ACSR	0	0	679	151	0	0	0	0.00	1.62	0
OH296	OH281	5.64	0 1-	2ACSR	0	0	668	151	0	0	0	0.00	1.62	0
OH297	OH296	5.74	0 1-	2ACSR	0	0	656	150	0	0	0	0.00	1.62	0
OH298	OH297	5.81	0 1-	2ACSR	0	0	647	150	0	0	0	0.00	1.62	0
OH282	OH281	5.67	0 1-	2ACSR	0	0	665	151	0	0	0	0.00	1.62	0
OH295	OH282	5.75	0 1-	2ACSR	0	0	654	150	0	0	0	0.00	1.62	0
OH294	OH282	5.77	0 1-	2ACSR	0	0	651	150	0	0	0	0.00	1.62	0
OH284	OH294	5.90	0 1-	2ACSR	0	0	636	149	0	0	0	0.00	1.62	0
OH285	OH284	6.06	0 1-	2ACSR	0	0	618	148	0	0	0	0.00	1.62	0
OH286	OH285	6.33	0 1-	2ACSR	0	0	588	147	0	0	0	0.00	1.62	0
OH287	OH286	6.42	0 1-	2ACSR	0	0	579	146	0	0	0	0.00	1.62	0
OH293	OH287	6.53	0 1-	2ACSR	0	0	569	146	0	0	0	0.00	1.62	0
OH292	OH287	6.49	0 1-	2ACSR	0	0	572	146	0	0	0	0.00	1.62	0
OH291	OH292	6.60	0 1-	2ACSR	0	0	562	145	0	0	0	0.00	1.62	0
OH288	OH292	6.71	0 1-	2ACSR	0	0	552	145	0	0	0	0.00	1.62	0
OH289	OH288	6.80	0 1-	2ACSR	0	0	544	144	0	0	0	0.00	1.62	0
OH283	OH294	5.84	0 1-	2ACSR	0	0	643	150	0	0	0	0.00	1.62	0
OH275	OH274	4.99	0 1-	2ACSR	0	0	765	155	0	0	0	0.00	1.62	0
OH272	OH268	4.83	0 1-	2ACSR	0	0	795	156	0	0	0	0.00	1.62	0
OH273	OH272	4.88	0 1-	2ACSR	0	0	785	155	0	0	0	0.00	1.62	0
OH269	OH268	4.86	0 1-	2ACSR	0	0	789	156	0	0	0	0.00	1.62	0
OH270	OH269	4.91	0 1-	2ACSR	0	0	780	155	0	0	0	0.00	1.62	0
OH317	OH270	5.00	0 1-	2ACSR	0	0	765	155	0	0	0	0.00	1.62	0
OH319	OH317	5.02	0 1-	2ACSR	0	0	760	154	0	0	0	0.00	1.62	0
OH318	OH317	5.02	0 1-	2ACSR	0	0	760	155	0	0	0	0.00	1.62	0
OH316	OH270	4.94	0 1-	2ACSR	0	0	774	155	0	0	0	0.00	1.62	0
CO1592	CO1768	2.57	1 1-	4ACSR	0	0	1671	171	5	0	1	0.00	1.62	0
CO1617	CO1537	2.39	1 1-	4ACSR	0	0	1850	173	12	1	1	0.00	1.62	0
OC-1349978402	CO1617	2.39	0 1-	20 N FUSE	0	0	1850	173	0	0	0	0.00	1.62	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1551	CO1537	2.40	17 3-	336ACSR	2444	2263	1883	174	160	7	1	0.00	1.62	0
CO1550	CO1551	2.50	17 3-	336ACSR	2386	2208	1830	174	160	7	1	0.01	1.63	0
CO2021	CO1550	2.50	0 3-	336ACSR	2383	2206	1828	174	0	0	0	0.00	1.63	0
CO1595	CO1550	2.54	1 1-	4ACSR	0	0	1783	173	0	0	0	0.00	1.63	0
OC-968856808	CO1595	2.54	0 1-	20 N FUSE	0	0	1783	173	0	0	0	0.00	1.63	0
CO8216	CO1550	2.60	16 1-	4ACSR	0	0	1729	173	160	22	16	0.10	1.72	24
OC1758870581	CO8216	2.60	14 1-	20 N FUSE	0	0	1729	173	141	19	97	0.00	1.72	0
CO2599	OC1758870581	2.64	14 1-	4ACSR	0	0	1696	172	141	19	14	0.03	1.76	7
CO2596	CO2599	2.87	13 1-	4ACSR	0	0	1499	170	138	19	14	0.21	1.96	46
CO2598	CO2596	2.97	13 1-	4ACSR	0	0	1430	169	138	19	14	0.08	2.05	18
CO530736926	CO2598	2.99	12 1-	2ACSR	0	0	1418	169	137	18	11	0.01	2.06	3
CO-544433836	CO530736926	3.03	1 1-	2ACSR	0	0	1396	168	8	1	1	0.00	2.06	0
CO-884128009	CO530736926	3.00	11 1-	2ACSR	0	0	1409	169	129	17	10	0.01	2.07	0
CO2450	CO-884128009	3.06	1 1-	4ACSR	0	0	1371	168	34	4	3	0.01	2.08	0
CO2810	CO-884128009	3.07	10 1-	4ACSR	0	0	1365	168	95	13	9	0.04	2.11	6
CO2493	CO2810	3.13	1 1-	1/0PRIURD	0	0	1341	393	7	0	1	0.00	2.11	0
CO2811	CO2810	3.13	8 1-	4ACSR	0	0	1325	167	82	11	8	0.03	2.14	4
CO2484	CO2811	3.18	1 1-	4ACSR	0	0	1296	167	16	2	2	0.00	2.14	0
CO2649	CO2811	3.17	6 1-	2ACSR	0	0	1307	167	57	7	4	0.01	2.15	0
CO2485	CO2649	3.21	1 1-	2ACSR	0	0	1290	167	9	1	1	0.00	2.15	0
CO2648	CO2649	3.19	5 1-	2ACSR	0	0	1296	167	48	6	4	0.00	2.15	0
CO2486	CO2648	3.21	1 1-	2ACSR	0	0	1289	167	15	2	1	0.00	2.15	0
CO2427	CO2648	3.24	4 1-	1/0PRIURD	0	0	1281	387	33	4	3	0.00	2.16	0
CO2827	CO2427	3.36	4 1-	1/0PRIURD	0	0	1239	384	33	4	3	0.01	2.17	0
CO8386	CO2827	3.49	3 1-	1/0PRIURD	0	0	1195	380	23	3	2	0.01	2.17	0
CO1650	CO8386	3.53	2 1-	1/0PRIURD	0	0	1183	379	13	1	1	0.00	2.18	0
CO8385	CO1650	3.70	1 1-	1/0PRIURD	0	0	1134	375	9	1	1	0.00	2.18	0
CO2733	CO2599	2.69	1 1-	4ACSR	0	0	1650	172	3	0	0	0.00	1.76	0
CO2732	CO2733	2.75	1 1-	4ACSR	0	0	1593	171	3	0	0	0.00	1.76	0
CO8222	CO1535	2.16	8 1-	4ACSR	0	0	2014	174	98	13	10	0.03	1.62	5
OC245485032	CO8222	2.16	8 1-	20 N FUSE	0	0	2014	174	98	13	68	0.00	1.62	0
CO2739	OC245485032	2.24	6 1-	4ACSR	0	0	1920	173	76	10	8	0.04	1.66	5
CO2740	CO2739	2.26	5 1-	4ACSR	0	0	1894	173	76	10	8	0.01	1.67	0
CO2452	CO2740	2.29	2 1-	4ACSR	0	0	1862	173	22	3	2	0.00	1.67	0
CO2741	CO2740	2.36	1 1-	4ACSR	0	0	1781	172	21	2	2	0.01	1.68	0
CO2738	CO2740	2.31	2 1-	4ACSR	0	0	1842	173	33	4	3	0.01	1.68	0
CO2737	CO2738	2.36	1 1-	4ACSR	0	0	1781	172	10	1	1	0.00	1.68	0
CO2736	OC245485032	2.21	2 1-	4ACSR	0	0	1955	174	21	2	2	0.01	1.63	0
CO2451	CO2736	2.27	2 1-	4ACSR	0	0	1878	173	21	2	2	0.01	1.64	0
CO1492366044	CO2451	2.32	1 1-	2ACSR	0	0	1834	173	12	1	1	0.00	1.64	0
CO2735	CO2736	2.25	0 1-	4ACSR	0	0	1912	173	0	0	0	0.00	1.63	0
CO2734	CO2735	2.29	0 1-	4ACSR	0	0	1858	173	0	0	0	0.00	1.63	0
CO8221	CO8220	2.02	1 1-	4ACSR	0	0	2113	174	6	0	1	0.00	1.57	0
OC273177945	CO8221	2.02	0 1-	20 N FUSE	0	0	2113	174	0	0	0	0.00	1.57	0
CO8190	CO8220	2.13	1 1-	4ACSR	0	0	1965	173	18	2	2	0.01	1.58	0
OC-1518578357	CO8190	2.13	0 1-	20 N FUSE	0	0	1965	173	0	0	0	0.00	1.58	0
CO8189	CO779	1.91	1 1-	4ACSR	0	0	2131	174	9	1	1	0.01	1.54	0
OC-1519958413	CO8189	1.91	1 1-	20 N FUSE	0	0	2131	174	9	1	6	0.00	1.54	0
CO90	OC-1519958413	1.99	1 1-	4ACSR	0	0	2019	173	9	1	1	0.00	1.54	0
CO382	CO477	1.53	1 1-	4ACSR	0	0	2551	175	8	1	1	0.00	1.45	0
OC-423471039	CO382	1.53	0 1-	20 N FUSE	0	0	2551	175	0	0	0	0.00	1.45	0
CO381	CO777	1.33	1 3-	4ACSR	3494	3270	2874	176	16	0	1	0.00	1.40	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO335	CO792	1.01	108 3-	336ACSR	4119	3904	3525	178	2942	132	26	0.03	1.35	119
CO642	CO335	1.02	108 3-	336ACSR	4108	3893	3513	178	2942	132	26	0.01	1.35	21
SW12-B	CO642	1.02	108 3-	Closed	4108	3893	3513	178	2942	132	0	0.00	1.35	0
SW12-A	SW12-B	1.02	108 3-	Closed	4108	3893	3513	178	2942	132	0	0.00	1.35	0
CO643	SW12-A	1.16	108 3-	336ACSR	3887	3665	3268	178	2942	132	26	0.12	1.47	449
CO473	CO643	1.17	107 3-	4/0ACSR	3875	3653	3256	178	2905	131	39	0.01	1.48	33
CA52	CO473	1.17	0 3-	Capacitor	3875	3653	3256	178	0	-14	0	0.00	1.48	0
CO474	CO473	1.21	107 3-	4/0ACSR	3792	3568	3169	177	2905	134	40	0.07	1.55	246
CO760	CO474	1.23	107 3-	4/0ACSR	3763	3539	3138	177	2904	134	40	0.02	1.57	88
FD778621902	CO760	1.23	104 3-	_DefaultBayEqui	3763	3539	3138	177	2854	132	0	0.00	1.57	0
CO761	FD778621902	1.26	104 3-	4/0ACSR	3713	3488	3086	177	2854	132	39	0.04	1.61	151
OC778621902	CO761	1.26	103 3-	20 N FUSE	3713	3488	3086	177	2852	132	660	0.00	1.61	0
CO765	OC778621902	1.30	103 3-	4/0ACSR	3649	3423	3020	177	2852	132	39	0.06	1.67	199
CO766	CO765	1.32	101 3-	4/0ACSR	3620	3394	2991	177	2613	121	36	0.02	1.69	71
CO764	CO766	1.33	93 3-	4/0ACSR	3600	3374	2971	177	2398	111	33	0.02	1.71	46
CO763	CO764	1.36	92 3-	4/0ACSR	3558	3332	2929	177	2372	109	32	0.03	1.74	91
CO762	CO763	1.37	86 3-	4/0ACSR	3545	3319	2915	177	2264	104	31	0.01	1.75	27
CO767	CO762	1.39	86 3-	4/0ACSR	3507	3281	2877	177	2264	104	31	0.03	1.78	81
CO768	CO767	1.42	86 3-	4/0ACSR	3476	3249	2845	177	2264	104	31	0.02	1.80	68
CO426	CO768	1.44	0 1-	1/0PRIURD	0	0	2815	454	0	0	0	0.00	1.80	0
CO769	CO768	1.44	86 3-	4/0ACSR	3442	3216	2812	177	2264	104	31	0.03	1.83	73
400332186	CO769	1.44	1 3-	Consumer	3442	3216	2812	177	338	15	0	0.00	1.83	0
CO770	CO769	1.46	85 3-	4/0ACSR	3412	3185	2782	177	1925	89	26	0.02	1.84	46
CO771	CO770	1.48	83 3-	4/0ACSR	3382	3155	2752	177	1770	82	24	0.02	1.86	37
CO772	CO771	1.52	78 3-	4/0ACSR	3336	3110	2707	177	1507	69	21	0.03	1.89	48
CO773	CO772	1.53	77 3-	4/0ACSR	3311	3085	2683	176	1268	58	17	0.01	1.90	18
CO8186	CO773	1.57	77 3-	4/0ACSR	3265	3039	2638	176	1268	58	17	0.02	1.92	36
CO8184	CO8186	1.59	77 3-	4/0ACSR	3237	3011	2610	176	1267	58	17	0.01	1.93	22
CO8185	CO8184	1.61	0 1-	4ACSR	0	0	2574	176	0	0	0	0.00	1.93	0
CO775	CO8184	1.63	77 3-	4/0ACSR	3194	2969	2569	176	1267	58	17	0.02	1.96	34
CO774	CO775	1.71	77 3-	4/0ACSR	3090	2866	2470	176	1267	58	17	0.05	2.01	87
CO462	CO774	1.75	76 3-	4/0ACSR	3047	2827	2429	176	801	37	11	0.02	2.03	15
SW210633826-B	CO462	1.75	76 3-	Closed	3047	2827	2429	176	801	37	0	0.00	2.03	0
SW210633826-A	SW210633826-B	1.75	76 3-	Closed	3047	2827	2429	176	801	37	0	0.00	2.03	0
CO329	SW210633826-A	1.82	73 3-	4/0ACSR	2974	2758	2361	176	750	34	10	0.02	2.05	23
CO372	CO329	1.89	1 1-	4/0ACSR	0	0	2288	175	4	0	0	0.00	2.05	0
CO330	CO329	1.85	72 3-	4/0ACSR	2944	2730	2333	176	746	34	10	0.01	2.06	10
CO751	CO330	1.86	27 3-	4/0ACSR	2925	2712	2315	176	259	12	4	0.00	2.06	0
CO752	CO751	1.88	24 3-	4/0ACSR	2909	2697	2300	176	226	10	3	0.00	2.06	0
CO750	CO752	1.91	21 3-	4/0ACSR	2877	2666	2270	175	183	8	3	0.00	2.07	0
CO749	CO750	1.94	17 3-	4/0ACSR	2847	2638	2242	175	148	6	2	0.00	2.07	0
CO748	CO749	1.96	16 3-	4/0ACSR	2831	2624	2228	175	136	6	2	0.00	2.07	0
CO747	CO748	1.99	14 3-	4/0ACSR	2796	2591	2196	175	121	5	2	0.00	2.07	0
CO547	CO747	2.03	13 1-	4/0ACSR	0	0	2166	175	100	13	4	0.01	2.08	0
OC-448033833	CO547	2.03	9 1-	20 N FUSE	0	0	2166	175	59	8	41	0.00	2.08	0
CO726	OC-448033833	2.04	2 1-	4/0ACSR	0	0	2153	175	22	3	1	0.00	2.08	0
CO727	CO726	2.06	0 1-	4/0ACSR	0	0	2141	175	0	0	0	0.00	2.08	0
CO370	OC-448033833	2.04	7 1-	4/0ACSR	0	0	2156	175	37	5	2	0.00	2.08	0
CO628	CO370	2.07	5 1-	4/0ACSR	0	0	2134	175	23	3	1	0.00	2.08	0
CO631	CO628	2.11	5 1-	4/0ACSR	0	0	2103	175	23	3	1	0.00	2.08	0
CO629	CO631	2.12	5 1-	4/0ACSR	0	0	2097	175	23	3	1	0.00	2.08	0
CO630	CO629	2.16	3 1-	4/0ACSR	0	0	2059	175	7	0	0	0.00	2.08	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO331	CO330	1.88	44 3-	4/0ACSR	2907	2695	2298	176	486	22	7	0.01	2.07	5
CO458	CO331	1.99	43 3-	4/0ACSR	2802	2596	2201	175	472	21	6	0.02	2.09	15
CO756	CO458	2.00	43 3-	4/0ACSR	2789	2584	2189	175	472	21	6	0.00	2.10	0
CO757	CO756	2.02	42 3-	4/0ACSR	2772	2568	2174	175	463	21	6	0.00	2.10	2
OC1595576494	CO757	2.02	0 3-	35 A OCR	2772	2568	2174	175	0	0	0	0.00	2.10	0
CO734	CO757	2.05	21 1-	4/0ACSR	0	0	2149	175	214	29	9	0.01	2.11	3
CO735	CO734	2.08	17 1-	4/0ACSR	0	0	2125	175	175	24	7	0.01	2.12	0
CO371	CO735	2.09	2 1-	4/0ACSR	0	0	2120	175	28	3	1	0.00	2.12	0
CO754	CO735	2.10	12 1-	4/0ACSR	0	0	2105	175	115	16	5	0.01	2.13	0
CO755	CO754	2.13	10 1-	4/0ACSR	0	0	2089	175	92	12	4	0.00	2.13	0
CO753	CO755	2.15	5 1-	4/0ACSR	0	0	2069	175	45	6	2	0.00	2.13	0
CO548	CO757	2.03	18 1-	4/0ACSR	0	0	2169	175	209	29	9	0.00	2.10	0
CO732	CO548	2.04	18 1-	4/0ACSR	0	0	2153	175	209	29	9	0.01	2.11	0
CO733	CO732	2.07	14 1-	4/0ACSR	0	0	2131	175	164	22	7	0.01	2.12	0
CO731	CO733	2.10	11 1-	4/0ACSR	0	0	2105	175	127	17	5	0.01	2.12	0
CO730	CO731	2.13	9 1-	4/0ACSR	0	0	2087	175	100	13	4	0.00	2.13	0
CO728	CO730	2.15	6 1-	4/0ACSR	0	0	2067	175	60	8	2	0.00	2.13	0
CO729	CO728	2.17	3 1-	4/0ACSR	0	0	2051	175	29	4	1	0.00	2.13	0
CO647	CO331	1.96	0 3-	4/0ACSR	2825	2618	2223	175	0	0	0	0.00	2.07	0
SW13-B	CO647	1.96	0 3-	Open	2825	2618	2223	175	0	0	0	0.00	2.07	0
CO550	SW210633826-A	1.81	3 3-	4/0ACSR	2984	2768	2370	176	52	2	1	0.00	2.03	0
CO758	CO550	1.84	3 3-	4/0ACSR	2951	2737	2339	176	52	2	1	0.00	2.03	0
CO759	CO758	1.87	2 3-	4/0ACSR	2924	2711	2314	176	46	2	1	0.00	2.03	0
CO549	CO759	1.87	1 3-	4/0ACSR	2914	2702	2305	176	27	1	0	0.00	2.03	0
400332104	CO774	1.71	1 3-	Consumer	3090	2866	2470	176	465	21	0	0.00	2.01	0
400332105	CO772	1.52	1 3-	Consumer	3336	3110	2707	177	240	11	0	0.00	1.89	0
400332115	CO765	1.30	1 3-	Consumer	3649	3423	3020	177	236	10	0	0.00	1.67	0
CO378	CO761	1.29	1 1-	4ACSR	0	0	3024	177	1	0	0	0.00	1.61	0
CO30687	CO643	1.21	1 3-	4/0ACSR	3799	3575	3176	177	34	1	0	0.00	1.47	0
CO377	CO643	1.18	0 1-	4ACSR	0	0	3214	177	0	0	0	0.00	1.47	0
CO438	CO530	0.59	1 3-	4ACSR	4916	4749	4481	178	21	0	1	0.00	0.80	0
CO397	CO680	0.18	1 1-	4ACSR	0	0	6009	179	1	0	0	0.00	0.19	0
OC-562549125	CO397	0.18	0 1-	20 N FUSE	0	0	6009	179	0	0	0	0.00	0.19	0
CO450	CO449	0.02	959 3-	750 MCM - 42 WI	6772	7170	7284	180	9282	418	36	0.01	0.04	84
Park Hills	CO450	0.02	959 3-	WVE	6772	7170	7284	180	9281	418	75	0.00	0.04	0
CO446	Park Hills	0.03	959 3-	556ACSR	6734	7107	7216	180	9281	418	59	0.02	0.06	180
CO695	CO446	0.04	959 3-	556ACSR	6692	7038	7141	180	9281	418	59	0.02	0.08	202
OC1497729333	CO695	0.04	958 3-	20 N FUSE	6692	7038	7141	180	9267	418	2091	0.00	0.08	0
CO696	OC1497729333	0.05	958 3-	556ACSR	6626	6933	7026	180	9267	418	59	0.03	0.12	316
CO517	CO696	0.10	14 3-	336ACSR	6454	6662	6733	180	1117	50	10	0.01	0.13	19
CO709	CO517	0.12	11 3-	336ACSR	6366	6529	6587	179	1106	49	10	0.01	0.14	10
CO710	CO709	0.14	11 3-	336ACSR	6277	6398	6441	179	1106	49	10	0.01	0.15	10
CO708	CO710	0.18	8 3-	336ACSR	6156	6225	6247	179	1082	48	9	0.01	0.16	14
CO707	CO708	0.19	6 3-	336ACSR	6112	6163	6177	179	1066	48	9	0.00	0.16	5
CO366	CO707	0.37	5 3-	336ACSR	5540	5453	5321	179	1046	47	9	0.06	0.22	70
CO442	CO366	0.46	1 3-	1/0PRIURD	5455	5260	4896	468	287	12	9	0.02	0.23	9
OC-1465712088	CO442	0.46	0 3-	20 N FUSE	5455	5260	4896	468	0	0	0	0.00	0.23	0
400332235	CO442	0.46	1 3-	Consumer	5455	5260	4896	468	287	12	0	0.00	0.23	0
CO425	CO366	0.38	0 1-	4ACSR	0	0	5208	179	0	0	0	0.00	0.22	0
CO617	CO366	0.40	4 3-	4ACSR	5350	5233	5057	179	759	34	24	0.05	0.27	64
CO615	CO617	0.49	4 3-	1/0PRIURD	5263	5122	4772	465	758	34	23	0.04	0.31	56

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-850633901	C0615	0.49	4 3-	20 N FUSE	5263	5122	4772	465	758	34	171	0.00	0.31	0
CO424	OC-850633901	0.54	1 3-	1/0PRIURD	5197	5033	4584	463	270	12	8	0.01	0.32	5
400322146	CO424	0.54	1 3-	Consumer	5197	5033	4584	463	270	12	0	0.00	0.32	0
CO614	OC-850633901	0.54	3 3-	1/0PRIURD	5206	5044	4606	463	488	22	15	0.02	0.33	14
CO789	C0614	0.56	3 3-	1/0PRIURD	5183	5013	4545	462	488	22	15	0.01	0.33	5
CO790	CO789	0.60	1 3-	1/0PRIURD	5124	4932	4395	460	463	20	14	0.01	0.35	12
CO616	CO790	0.63	1 3-	1/0PRIURD	5094	4891	4322	459	463	20	14	0.01	0.35	6
400332183	CO616	0.63	1 3-	Consumer	5094	4891	4322	459	463	20	0	0.00	0.35	0
CO365	CO707	0.23	1 3-	2ACSR	5883	5866	5826	179	20	0	0	0.00	0.16	0
CO485	CO696	0.10	944 3-	556ACSR	6461	6678	6743	180	8149	367	52	0.08	0.20	640
CO623	CO485	0.12	3 3-	2ACSR	6329	6465	6524	179	607	27	15	0.02	0.21	16
OC-618160725	CO623	0.12	3 3-	20 N FUSE	6329	6465	6524	179	607	27	137	0.00	0.21	0
CO621	OC-618160725	0.16	3 3-	2ACSR	6121	6158	6193	179	607	27	15	0.03	0.24	25
CO622	CO621	0.20	2 3-	2ACSR	5901	5901	5858	179	389	17	10	0.02	0.26	11
400323070	CO622	0.20	1 3-	Consumer	5901	5901	5858	179	381	17	0	0.00	0.26	0
400323076	CO621	0.16	1 3-	Consumer	6121	6158	6193	179	218	9	0	0.00	0.24	0
CO486	CO485	0.10	940 3-	556ACSR	6443	6652	6713	180	7538	340	48	0.01	0.20	60
CO805	CO486	0.13	940 3-	556ACSR	6340	6500	6542	179	7538	340	48	0.05	0.25	357
CO589	CO805	0.17	1 3-	4/0ACSR	6172	6256	6276	179	469	21	6	0.01	0.26	5
OC-126607441	CO589	0.17	1 3-	20 N FUSE	6172	6256	6276	179	469	21	106	0.00	0.26	0
CO590	OC-126607441	0.22	1 3-	4/0ACSR	5973	5982	5972	179	469	21	6	0.01	0.27	6
400322085	CO590	0.22	1 3-	Consumer	5973	5982	5972	179	469	21	0	0.00	0.27	0
CO342	CO805	0.16	939 3-	556ACSR	6241	6357	6379	179	7067	319	45	0.04	0.30	314
CO820	CO342	0.24	938 3-	556ACSR	5975	5993	5959	179	7065	319	45	0.13	0.42	888
CO821	CO820	0.25	938 3-	556ACSR	5939	5945	5904	179	7061	319	45	0.02	0.44	127
CO620	CO821	0.29	3 3-	2ACSR	5736	5672	5602	179	40	1	1	0.00	0.44	0
OC-340009736	CO620	0.29	2 3-	20 N FUSE	5736	5672	5602	179	25	1	6	0.00	0.44	0
CO713	OC-340009736	0.36	2 3-	2ACSR	5397	5289	5126	179	25	1	1	0.00	0.44	0
CO714	CO713	0.39	1 3-	2ACSR	5291	5169	4983	178	21	0	1	0.00	0.44	0
CO484	CO821	0.34	935 3-	556ACSR	5678	5611	5514	179	7021	317	45	0.13	0.57	948
CO671	CO484	0.37	934 3-	556ACSR	5597	5511	5397	179	7007	317	45	0.04	0.62	309
CO672	CO671	0.41	933 3-	556ACSR	5485	5375	5237	179	6963	315	44	0.06	0.68	442
CO362	CO672	0.47	933 3-	4/0ACSR	5285	5147	4967	179	6961	315	93	0.19	0.87	1713
CO697	CO362	0.55	928 3-	4/0ACSR	5038	4880	4646	179	6921	313	92	0.25	1.11	2265
CO698	CO697	0.57	927 3-	4/0ACSR	4980	4817	4572	179	6910	313	92	0.06	1.17	563
CO588	CO698	0.63	9 1-	4ACSR	0	0	4261	178	33	4	3	0.01	1.19	0
OC-1054591213	CO588	0.63	8 1-	20 N FUSE	0	0	4261	178	31	4	21	0.00	1.19	0
CO669	OC-1054591213	0.65	8 1-	4ACSR	0	0	4163	178	31	4	3	0.00	1.19	0
CO699	CO669	0.66	7 1-	4ACSR	0	0	4091	178	24	3	2	0.00	1.19	0
CO700	CO699	0.70	5 1-	4ACSR	0	0	3900	177	15	2	1	0.00	1.19	0
CO670	CO700	0.74	4 1-	4ACSR	0	0	3718	177	8	1	1	0.00	1.20	0
CO483	CO698	0.61	918 3-	4/0ACSR	4856	4683	4415	179	6874	312	92	0.14	1.31	1242
CO674	CO483	0.68	918 3-	4/0ACSR	4674	4489	4193	178	6868	312	92	0.21	1.52	1911
CO675	CO674	0.70	915 3-	4/0ACSR	4616	4427	4123	178	6839	311	92	0.07	1.59	637
CO673	CO675	0.73	914 3-	4/0ACSR	4549	4357	4044	178	6809	309	91	0.08	1.67	742
CO568	CO673	0.79	5 1-	4ACSR	0	0	3804	178	25	3	2	0.01	1.68	0
OC-1575809686	CO568	0.79	4 1-	20 N FUSE	0	0	3804	178	24	3	16	0.00	1.68	0
CO570	OC-1575809686	0.86	4 1-	4ACSR	0	0	3507	177	24	3	2	0.01	1.69	0
CO569	CO570	0.90	1 1-	4ACSR	0	0	3369	176	5	0	0	0.00	1.69	0
CO273190733	CO570	0.97	1 1-	2ACSR	0	0	3187	176	11	1	1	0.00	1.69	0
CO388	CO673	0.81	1 1-	4ACSR	0	0	3727	177	1	0	0	0.00	1.67	0
OC-43351377	CO388	0.81	0 1-	20 N FUSE	0	0	3727	177	0	0	0	0.00	1.67	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO337	CO673	0.80	905 3-	4/0ACSR	4393	4193	3861	178	6758	307	91	0.20	1.87	1803
CO383	CO337	0.83	1 1-	4ACSR	0	0	3712	178	19	2	2	0.00	1.87	0
OC-1702724262	CO383	0.83	0 1-	20 N FUSE	0	0	3712	178	0	0	0	0.00	1.87	0
CO352	CO337	0.84	903 3-	4/0ACSR	4300	4095	3754	178	6725	306	90	0.12	1.99	1128
CO653	CO352	0.84	33 1-	6ACWC	0	0	3743	178	255	35	25	0.00	2.00	0
OC20	CO653	0.84	33 1-	70 L OCR	0	0	3743	178	255	35	50	0.00	2.00	0
CO654	OC20	0.88	33 1-	6ACWC	0	0	3591	177	255	35	25	0.06	2.06	27
CO565	CO654	0.95	7 1-	4ACSR	0	0	3367	177	55	7	5	0.02	2.08	0
CO564	CO565	0.98	3 1-	4ACSR	0	0	3243	176	27	3	3	0.01	2.09	0
CO567	CO564	1.00	2 1-	4ACSR	0	0	3187	176	19	2	2	0.00	2.09	0
CO566	CO567	1.07	2 1-	4ACSR	0	0	2990	175	19	2	2	0.00	2.09	0
CO399	CO565	0.99	2 1-	4ACSR	0	0	3230	176	15	2	1	0.00	2.08	0
CO341	CO654	0.99	26 1-	6ACWC	0	0	3234	176	201	27	20	0.13	2.19	42
CO701	CO341	1.08	4 1-	4ACSR	0	0	2963	175	22	3	2	0.01	2.20	0
CO702	CO701	1.13	2 1-	4ACSR	0	0	2811	175	8	1	1	0.00	2.20	0
CO581	CO702	1.19	2 1-	4ACSR	0	0	2657	174	8	1	1	0.00	2.21	0
CO579	CO581	1.22	1 1-	4ACSR	0	0	2582	174	7	0	1	0.00	2.21	0
CO580	CO579	1.28	1 1-	4ACSR	0	0	2459	173	7	0	1	0.00	2.21	0
CO340	CO341	1.05	22 1-	6ACWC	0	0	3028	176	178	24	18	0.07	2.27	21
CO705	CO340	1.10	19 1-	6ACWC	0	0	2908	175	141	19	14	0.03	2.30	7
CO706	CO705	1.21	15 1-	6ACWC	0	0	2631	174	120	16	12	0.08	2.38	14
CO482	CO706	1.25	13 1-	6ACWC	0	0	2522	173	107	14	10	0.03	2.41	5
CO578	CO482	1.33	3 1-	4ACSR	0	0	2369	173	5	0	0	0.00	2.41	0
CO576	CO578	1.38	2 1-	4ACSR	0	0	2261	172	0	0	0	0.00	2.41	0
CO577	CO576	1.43	2 1-	4ACSR	0	0	2174	172	0	0	0	0.00	2.41	0
CO575	CO577	1.48	1 1-	4ACSR	0	0	2096	171	0	0	0	0.00	2.41	0
CO384	CO577	1.47	1 1-	4ACSR	0	0	2112	171	0	0	0	0.00	2.41	0
CO439	CO578	1.37	0 1-	4ACSR	0	0	2288	172	0	0	0	0.00	2.41	0
CO481	CO482	1.35	10 1-	6ACWC	0	0	2332	173	102	14	10	0.05	2.46	9
OC868808435	CO481	1.35	8 1-	20 N FUSE	0	0	2332	173	88	12	61	0.00	2.46	0
CO480	OC868808435	1.39	8 1-	6ACWC	0	0	2247	172	88	12	9	0.03	2.49	4
CO441	CO480	1.44	1 1-	1/0PRIURD	0	0	2199	423	11	1	1	0.00	2.49	0
CO339	CO480	1.45	7 1-	6ACWC	0	0	2153	171	77	10	8	0.03	2.52	3
CO586	CO339	1.47	4 1-	4ACSR	0	0	2109	171	42	5	4	0.01	2.52	0
CO587	CO586	1.52	4 1-	2ACSR	0	0	2046	171	42	5	3	0.01	2.53	0
CO566548282	CO587	1.57	2 1-	2ACSR	0	0	1994	171	21	2	2	0.00	2.54	0
CO584	CO566548282	1.61	1 1-	4ACSR	0	0	1940	170	11	1	1	0.00	2.54	0
CO585	CO584	1.69	1 1-	4ACSR	0	0	1828	169	11	1	1	0.00	2.54	0
CO387	CO566548282	1.60	0 1-	4ACSR	0	0	1948	170	0	0	0	0.00	2.54	0
CO386	CO566548282	1.62	1 1-	4ACSR	0	0	1916	170	11	1	1	0.00	2.54	0
CO-211028780	CO587	1.55	1 1-	2ACSR	0	0	2011	171	10	1	1	0.00	2.53	0
CO583	CO339	1.50	2 1-	4ACSR	0	0	2067	171	22	3	2	0.01	2.52	0
CO582	CO583	1.55	2 1-	4ACSR	0	0	1991	170	22	3	2	0.00	2.53	0
CO703	CO339	1.51	1 1-	4ACSR	0	0	2047	171	14	1	1	0.01	2.52	0
CO704	CO703	1.56	1 1-	4ACSR	0	0	1970	170	14	1	1	0.00	2.52	0
CO385	CO340	1.11	3 1-	4ACSR	0	0	2878	175	37	5	4	0.01	2.27	0
CO499	CO352	0.98	870 3-	4/0ACSR	4018	3803	3439	178	6465	294	87	0.39	2.39	3439
CO500	CO499	1.04	870 3-	4/0ACSR	3901	3682	3312	177	6449	294	87	0.18	2.57	1565
CO803	CO500	1.06	870 3-	4/0ACSR	3868	3648	3277	177	6441	294	87	0.05	2.62	462
CO804	CO803	1.09	869 3-	4/0ACSR	3815	3594	3220	177	6434	294	87	0.08	2.70	746
OC23	CO804	1.09	864 3-	70 L OCR	3815	3594	3220	177	6380	292	418	0.00	2.70	0
CO822	OC23	1.09	90 3-	4ACSR	3797	3574	3201	177	773	35	25	0.01	2.71	12

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO823	CO822	1.15	90 3-	4ACSR	3629	3412	3030	177	773	35	25	0.09	2.80	112
CO431	CO823	1.28	1 1-	2ACSR	0	0	2766	176	3	0	0	0.00	2.80	0
OC562101907	CO431	1.28	0 1-	20 N FUSE	0	0	2766	176	0	0	0	0.00	2.80	0
CO677	CO823	1.19	89 3-	4ACSR	3535	3329	2937	176	770	35	25	0.05	2.85	63
CO678	CO677	1.21	88 3-	4ACSR	3491	3289	2894	176	767	35	25	0.02	2.87	30
CO676	CO678	1.28	87 3-	4ACSR	3285	3107	2700	175	762	35	25	0.11	2.98	141
CO398	CO676	1.33	1 1-	4ACSR	0	0	2593	175	5	0	1	0.00	2.98	0
OC-577494365	CO398	1.33	0 1-	20 N FUSE	0	0	2593	175	0	0	0	0.00	2.98	0
CO351	CO676	1.38	86 3-	4ACSR	3054	2903	2492	174	756	34	25	0.13	3.11	167
CO506	CO351	1.41	5 3-	4ACSR	2988	2844	2434	174	36	1	1	0.00	3.11	0
CO505	CO506	1.49	5 3-	4ACSR	2802	2678	2273	173	36	1	1	0.01	3.12	0
CO419	CO505	1.52	1 1-	4ACSR	0	0	2228	173	5	0	0	0.00	3.12	0
OC-707234162	CO419	1.52	0 1-	20 N FUSE	0	0	2228	173	0	0	0	0.00	3.12	0
CO683	CO505	1.51	2 1-	4ACSR	0	0	2246	173	22	3	2	0.00	3.12	0
OC-720971889	CO683	1.51	1 1-	20 N FUSE	0	0	2246	173	6	0	4	0.00	3.12	0
CO684	OC-720971889	1.56	1 1-	4ACSR	0	0	2163	172	6	0	1	0.00	3.12	0
CO360	CO505	1.63	2 3-	4ACSR	2528	2431	2042	171	9	0	0	0.00	3.12	0
CO17317	CO360	1.81	1 3-	4ACSR	2246	2174	1809	170	6	0	0	0.00	3.12	0
CO2459	CO17317	1.84	0 1-	4ACSR	0	0	1770	169	0	0	0	0.00	3.12	0
CO2458	CO17317	1.87	0 1-	4ACSR	0	0	1744	169	0	0	0	0.00	3.12	0
OC-92611627	CO2458	1.87	0 1-	20 N FUSE	0	0	1744	169	0	0	0	0.00	3.12	0
CO418	CO360	1.69	1 1-	4ACSR	0	0	1961	171	3	0	0	0.00	3.12	0
OC441734494	CO418	1.69	0 1-	20 N FUSE	0	0	1961	171	0	0	0	0.00	3.12	0
CO350	CO351	1.46	81 3-	4ACSR	2877	2745	2337	173	720	33	24	0.10	3.21	126
CO414	CO350	1.50	2 1-	4ACSR	0	0	2268	173	14	1	1	0.00	3.22	0
OC219084537	CO414	1.50	0 1-	20 N FUSE	0	0	2268	173	0	0	0	0.00	3.22	0
CO349	CO350	1.55	79 3-	4ACSR	2688	2575	2175	172	705	32	23	0.12	3.33	138
CO415	CO349	1.61	2 1-	4ACSR	0	0	2085	172	17	2	2	0.00	3.33	0
OC932583395	CO415	1.61	0 1-	20 N FUSE	0	0	2085	172	0	0	0	0.00	3.33	0
CO498	CO349	1.61	76 3-	4ACSR	2580	2478	2085	172	671	31	22	0.07	3.40	77
CO497	CO498	1.64	72 3-	4ACSR	2511	2416	2028	171	646	29	21	0.04	3.44	49
CO601	CO497	1.69	3 1-	4ACSR	0	0	1960	171	28	3	3	0.01	3.45	0
CO605	CO601	1.71	1 1-	4ACSR	0	0	1934	171	15	2	1	0.00	3.45	0
CO604	CO605	1.73	1 1-	4ACSR	0	0	1909	170	15	2	1	0.00	3.46	0
CO416	CO604	1.76	1 1-	1/0PRIURD	0	0	1889	412	15	2	1	0.00	3.46	0
CO603	CO601	1.79	2 1-	4ACSR	0	0	1837	170	13	1	1	0.01	3.46	0
CO602	CO603	1.82	2 1-	4ACSR	0	0	1791	169	13	1	1	0.00	3.46	0
CO496	CO497	1.66	69 3-	4ACSR	2478	2386	2000	171	618	28	20	0.02	3.46	22
CO693	CO496	1.69	67 3-	4ACSR	2434	2345	1963	171	596	27	20	0.03	3.49	28
CO694	CO693	1.70	65 3-	4ACSR	2414	2328	1947	171	570	26	19	0.01	3.50	12
CO2601	CO694	1.74	65 3-	4ACSR	2353	2272	1897	170	570	26	19	0.04	3.54	38
CO2600	CO2601	1.75	64 3-	4ACSR	2328	2249	1876	170	558	25	18	0.02	3.56	14
CO2602	CO2600	1.79	60 3-	4ACSR	2279	2204	1836	170	521	24	17	0.03	3.59	27
CO2604	CO2602	1.82	26 1-	4ACSR	0	0	1796	169	228	31	23	0.05	3.64	17
CO2603	CO2604	1.87	25 1-	4ACSR	0	0	1735	169	218	30	22	0.07	3.71	25
CO2606	CO2603	1.92	23 1-	4ACSR	0	0	1683	168	209	29	21	0.06	3.77	22
CO2605	CO2606	1.98	23 1-	4ACSR	0	0	1625	168	209	29	21	0.07	3.84	24
CO2453	CO2605	2.01	0 1-	4ACSR	0	0	1597	168	0	0	0	0.00	3.84	0
CO2402	CO2605	2.05	20 1-	4ACSR	0	0	1558	167	189	26	19	0.08	3.93	26
CO2607	CO2402	2.19	9 1-	4ACSR	0	0	1438	166	73	10	7	0.07	4.00	8
CO2609	CO2607	2.23	9 1-	4ACSR	0	0	1409	165	73	10	7	0.02	4.01	0
CO2608	CO2609	2.26	8 1-	4ACSR	0	0	1384	165	56	7	6	0.01	4.02	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8251	CO2608	2.28	8 1-	4ACSR	0	0	1372	165	56	7	6	0.01	4.03	0
CO3228	CO8251	2.33	5 1-	4ACSR	0	0	1337	164	23	3	2	0.01	4.04	0
CO3229	CO3228	2.36	2 1-	4ACSR	0	0	1317	164	12	1	1	0.00	4.04	0
CO3230	CO3229	2.38	1 1-	4ACSR	0	0	1303	164	0	0	0	0.00	4.04	0
CO3231	CO3228	2.34	3 1-	4ACSR	0	0	1332	164	11	1	1	0.00	4.04	0
CO3232	CO3231	2.35	2 1-	4ACSR	0	0	1320	164	10	1	1	0.00	4.04	0
CO3225	CO8251	2.31	3 1-	4ACSR	0	0	1348	164	34	4	3	0.01	4.04	0
CO3226	CO3225	2.32	2 1-	4ACSR	0	0	1343	164	22	3	2	0.00	4.04	0
CO3227	CO3226	2.33	2 1-	4ACSR	0	0	1339	164	22	3	2	0.00	4.04	0
CO2778	CO2402	2.11	1 1-	4ACSR	0	0	1508	167	13	1	1	0.00	3.93	0
CO2777	CO2778	2.17	1 1-	4ACSR	0	0	1457	166	13	1	1	0.00	3.94	0
CO2746	CO2402	2.08	10 1-	4ACSR	0	0	1533	167	102	14	10	0.02	3.94	2
CO2745	CO2746	2.13	7 1-	4ACSR	0	0	1484	166	68	9	7	0.02	3.97	3
CO2475	CO2745	2.18	1 1-	4ACSR	0	0	1450	166	10	1	1	0.00	3.97	0
CO8257	CO2745	2.17	6 1-	4ACSR	0	0	1453	166	58	8	6	0.01	3.98	0
CO3236	CO8257	2.21	6 1-	2ACSR	0	0	1427	166	58	8	5	0.01	3.99	0
CO3237	CO3236	2.24	1 1-	2ACSR	0	0	1411	165	8	1	1	0.00	3.99	0
CO3235	CO3237	2.31	1 1-	2ACSR	0	0	1370	165	8	1	1	0.00	3.99	0
CO3233	CO3236	2.25	3 1-	4ACSR	0	0	1399	165	29	3	3	0.01	4.00	0
CO3234	CO3233	2.29	2 1-	4ACSR	0	0	1371	165	20	2	2	0.00	4.00	0
CO2842	CO2602	1.79	9 1-	4ACSR	0	0	1828	170	91	12	9	0.00	3.59	0
OC79	CO2842	1.79	9 1-	35 L OCR	0	0	1828	170	91	12	36	0.00	3.59	0
CO2843	OC79	1.83	9 1-	4ACSR	0	0	1785	169	91	12	9	0.02	3.61	2
CO2742	CO2843	1.86	5 1-	4ACSR	0	0	1747	169	61	8	6	0.01	3.62	0
CO2744	CO2742	1.94	3 1-	4ACSR	0	0	1666	168	37	5	4	0.02	3.64	0
CO2743	CO2744	1.98	2 1-	4ACSR	0	0	1620	168	28	3	3	0.01	3.65	0
CO417	CO2743	2.04	2 1-	4ACSR	0	0	1567	167	28	3	3	0.01	3.65	0
CO2403	CO2602	1.87	25 1-	4ACSR	0	0	1742	169	202	28	20	0.10	3.69	34
CO2404	CO2403	1.95	16 1-	4ACSR	0	0	1649	168	152	21	15	0.08	3.77	19
OC236962033	CO2404	1.95	14 1-	20 N FUSE	0	0	1649	168	131	18	92	0.00	3.77	0
CO2613	OC236962033	2.00	9 1-	4ACSR	0	0	1601	168	93	12	9	0.03	3.80	4
CO2610	CO2613	2.09	8 1-	4ACSR	0	0	1524	167	84	11	8	0.05	3.84	6
CO2612	CO2610	2.11	8 1-	4ACSR	0	0	1508	167	84	11	8	0.01	3.85	0
CO2611	CO2612	2.20	7 1-	4ACSR	0	0	1428	166	83	11	8	0.05	3.91	7
CO2619	CO2611	2.26	6 1-	4ACSR	0	0	1390	165	62	8	6	0.02	3.93	0
CO2618	CO2619	2.34	6 1-	4ACSR	0	0	1332	164	62	8	6	0.03	3.95	3
CO2614	CO2618	2.46	5 1-	4ACSR	0	0	1253	163	47	6	5	0.04	3.99	3
CO2615	CO2614	2.57	4 1-	4ACSR	0	0	1190	162	43	6	4	0.03	4.02	0
CO2617	CO2615	2.66	3 1-	4ACSR	0	0	1143	161	32	4	3	0.02	4.03	0
CO2616	CO2617	2.68	2 1-	4ACSR	0	0	1133	161	22	3	2	0.00	4.03	0
CO2621	CO2616	2.80	1 1-	4ACSR	0	0	1077	160	9	1	1	0.01	4.04	0
CO2620	CO2621	2.84	1 1-	4ACSR	0	0	1059	159	9	1	1	0.00	4.04	0
CO2457	CO2620	2.92	1 1-	4ACSR	0	0	1025	159	9	1	1	0.00	4.05	0
CO2753	CO2620	2.91	0 1-	4ACSR	0	0	1029	159	0	0	0	0.00	4.04	0
CO2755	CO2753	2.96	0 1-	4ACSR	0	0	1009	158	0	0	0	0.00	4.04	0
CO2754	CO2755	3.02	0 1-	4ACSR	0	0	985	158	0	0	0	0.00	4.04	0
CO2456	CO2616	2.72	1 1-	4ACSR	0	0	1112	161	13	1	1	0.00	4.04	0
CO2479	CO2619	2.30	0 1-	2ACSR	0	0	1366	165	0	0	0	0.00	3.93	0
CO2455	CO2611	2.27	1 1-	4ACSR	0	0	1378	165	21	2	2	0.00	3.91	0
CO2750	OC236962033	1.98	5 1-	4ACSR	0	0	1625	168	39	5	4	0.01	3.78	0
CO2454	CO2750	2.06	1 1-	4ACSR	0	0	1552	167	13	1	1	0.00	3.78	0
CO2752	CO2750	2.01	4 1-	4ACSR	0	0	1595	168	26	3	3	0.00	3.78	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2751	CO2752	2.04	1 1-	4ACSR	0	0	1562	167	13	1	1	0.00	3.78	0
CO2748	CO2403	1.90	9 1-	4ACSR	0	0	1701	169	50	6	5	0.01	3.70	0
CO2747	CO2748	1.94	9 1-	4ACSR	0	0	1661	168	50	6	5	0.01	3.71	0
CO8382	CO2747	1.99	5 1-	4ACSR	0	0	1614	168	17	2	2	0.00	3.72	0
CO606	CO8382	2.05	1 1-	4ACSR	0	0	1558	167	0	0	0	0.00	3.72	0
CO2749	CO2747	2.04	1 1-	4ACSR	0	0	1569	167	6	0	1	0.00	3.72	0
CO650	OC23	1.09	774 3-	4/0ACSR	3804	3583	3208	177	5606	256	76	0.02	2.72	126
CO687	CO650	1.13	774 3-	4/0ACSR	3747	3525	3148	177	5606	256	76	0.08	2.80	627
OC-993869615	CO687	1.13	773 3-	20 N FUSE	3747	3525	3148	177	5603	256	1284	0.00	2.80	0
CO688	OC-993869615	1.17	773 3-	4/0ACSR	3671	3448	3069	177	5603	256	76	0.11	2.92	875
CO508	CO688	1.22	773 3-	4/0ACSR	3589	3364	2983	177	5599	256	76	0.13	3.04	988
CO507	CO508	1.26	771 3-	4/0ACSR	3536	3311	2929	177	5587	256	75	0.09	3.13	656
CO421	CO507	1.28	2 1-	4ACSR	0	0	2891	177	29	4	3	0.00	3.13	0
CO685	CO507	1.28	769 3-	4/0ACSR	3501	3276	2893	177	5555	255	75	0.06	3.19	437
CO686	CO685	1.32	768 3-	4/0ACSR	3443	3217	2834	177	5251	241	71	0.09	3.28	672
CO509	CO686	1.37	768 3-	4/0ACSR	3382	3157	2774	177	5248	241	71	0.10	3.38	716
CO513	CO509	1.42	768 3-	4/0ACSR	3306	3081	2698	176	5245	241	71	0.13	3.51	948
CO8192	CO513	1.60	768 3-	4/0ACSR	3091	2877	2488	176	5240	241	71	0.40	3.90	2901
CO1006	CO8192	1.66	27 3-	4/0ACSR	3021	2810	2422	176	226	10	3	0.01	3.91	0
CO1007	CO1006	1.68	26 3-	4/0ACSR	2992	2783	2394	176	224	10	3	0.00	3.91	0
CO1009	CO1007	1.76	17 1-	4ACSR	0	0	2273	175	135	18	13	0.06	3.97	12
OC-61802752	CO1009	1.76	15 1-	20 N FUSE	0	0	2273	175	107	14	75	0.00	3.97	0
CO1159	OC-61802752	1.82	15 1-	4ACSR	0	0	2182	174	107	14	11	0.04	4.01	7
CO1160	CO1159	1.89	14 1-	4ACSR	0	0	2072	173	102	14	10	0.04	4.05	7
CO1010	CO1160	1.92	11 1-	4ACSR	0	0	2034	173	84	11	8	0.01	4.07	0
CO3027	CO1010	1.99	11 1-	4ACSR	0	0	1946	172	84	11	8	0.04	4.10	5
CO3240	CO3027	2.03	7 1-	4ACSR	0	0	1899	172	38	5	4	0.01	4.11	0
CO3241	CO3240	2.06	7 1-	4ACSR	0	0	1853	172	38	5	4	0.01	4.12	0
CO3242	CO3241	2.07	7 1-	4ACSR	0	0	1842	171	38	5	4	0.00	4.12	0
CO3243	CO3242	2.12	6 1-	4ACSR	0	0	1795	171	30	4	3	0.01	4.13	0
CO3244	CO3243	2.16	3 1-	4ACSR	0	0	1745	170	18	2	2	0.00	4.13	0
CO3245	CO3244	2.18	1 1-	4ACSR	0	0	1728	170	5	0	1	0.00	4.13	0
CO3125	CO3245	2.19	0 1-	4ACSR	0	0	1718	170	0	0	0	0.00	4.13	0
CO3246	CO3245	2.23	1 1-	4ACSR	0	0	1670	170	5	0	1	0.00	4.14	0
OC572342158	CO3246	2.23	0 1-	20 N FUSE	0	0	1670	170	0	0	0	0.00	4.14	0
CO3238	CO3027	2.05	4 1-	4ACSR	0	0	1865	172	45	6	5	0.02	4.12	0
CO3124	CO3238	2.09	2 1-	4ACSR	0	0	1821	171	22	3	2	0.00	4.12	0
CO3239	CO3238	2.13	1 1-	4ACSR	0	0	1778	171	12	1	1	0.00	4.12	0
CO1008	CO1007	1.72	8 1-	4ACSR	0	0	2331	175	74	10	7	0.02	3.93	2
OC1681168975	CO1008	1.72	8 1-	20 N FUSE	0	0	2331	175	74	10	52	0.00	3.93	0
CO8202	OC1681168975	1.78	8 1-	4ACSR	0	0	2244	175	74	10	7	0.03	3.96	3
CO609	CO8202	1.85	8 1-	4ACSR	0	0	2130	174	74	10	7	0.04	3.99	4
CO610	CO609	1.90	8 1-	4ACSR	0	0	2064	173	74	10	7	0.02	4.01	3
CO681	CO610	1.92	3 1-	4ACSR	0	0	2040	173	36	5	4	0.00	4.02	0
CO682	CO681	1.94	2 1-	4ACSR	0	0	2013	173	26	3	3	0.00	4.02	0
CO612	CO610	1.92	4 1-	4ACSR	0	0	2030	173	22	3	2	0.00	4.01	0
CO613	CO612	1.94	1 1-	4ACSR	0	0	2003	173	4	0	0	0.00	4.01	0
CO611	CO610	1.96	1 1-	4ACSR	0	0	1987	173	16	2	2	0.00	4.02	0
CO842	CO8192	1.65	741 3-	4/0ACSR	3030	2819	2430	176	5001	230	68	0.12	4.02	821
CO870	CO842	1.74	0 1-	4ACSR	0	0	2272	175	0	0	0	0.00	4.02	0
CO1004	CO842	1.71	741 3-	4/0ACSR	2963	2755	2366	176	4997	230	68	0.13	4.15	944
CO1005	CO1004	1.75	741 3-	4/0ACSR	2923	2718	2329	175	4992	230	68	0.08	4.23	574

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
C0871	CO1005	1.83	3 1-	4ACSR	0	0	2211	175	24	3	2	0.01	4.24	0
OC-1221796160	C0871	1.83	0 1-	20 N FUSE	0	0	2211	175	0	0	0	0.00	4.24	0
C0995	CO1005	1.78	528 3-	4/0ACSR	2889	2685	2297	175	3445	158	47	0.05	4.28	240
C0996	CO995	1.83	526 3-	4/0ACSR	2842	2640	2252	175	3435	158	47	0.07	4.35	339
C0997	CO996	1.87	525 3-	4/0ACSR	2806	2606	2219	175	3408	157	46	0.05	4.40	266
C0998	CO997	1.92	525 3-	4/0ACSR	2756	2560	2173	175	3406	157	46	0.07	4.48	370
C0884	CO998	1.96	0 1-	4ACSR	0	0	2121	175	0	0	0	0.00	4.48	0
OC-1295911883	C0884	1.96	0 1-	20 N FUSE	0	0	2121	175	0	0	0	0.00	4.48	0
C0840	CO998	1.96	525 3-	4/0ACSR	2722	2527	2141	175	3405	157	46	0.05	4.53	269
CO1000	C0840	2.03	1 1-	4ACSR	0	0	2044	174	11	1	1	0.00	4.54	0
OC-249955985	CO1000	2.03	1 1-	20 N FUSE	0	0	2044	174	11	1	8	0.00	4.54	0
C0885	OC-249955985	2.11	1 1-	4ACSR	0	0	1950	173	11	1	1	0.00	4.54	0
CO1001	OC-249955985	2.07	0 1-	4ACSR	0	0	1992	174	0	0	0	0.00	4.54	0
C0999	C0840	2.02	524 3-	4/0ACSR	2670	2478	2094	175	3393	156	46	0.08	4.61	410
C08201	CO999	2.15	522 3-	4/0ACSR	2557	2372	1992	174	3365	155	46	0.19	4.80	938
CO3074	CO8201	2.16	498 3-	4/0ACSR	2547	2363	1983	174	3214	148	44	0.02	4.82	76
CO3193	CO3074	2.20	5 1-	4ACSR	0	0	1942	174	27	3	3	0.00	4.82	0
CO3215	CO3193	2.23	3 1-	2ACSR	0	0	1916	174	1	0	0	0.00	4.82	0
CO3073	CO3074	2.24	493 3-	4/0ACSR	2489	2309	1931	174	3186	147	43	0.10	4.92	466
CO3134	CO3073	2.27	2 1-	4ACSR	0	0	1900	174	9	1	1	0.00	4.92	0
OC1432116787	CO3134	2.27	0 1-	20 N FUSE	0	0	1900	174	0	0	0	0.00	4.92	0
CO3030	CO3073	2.27	491 3-	4/0ACSR	2468	2289	1912	174	3175	146	43	0.04	4.95	175
CO3035	CO3030	2.27	0 3-	4/0ACSR	2463	2285	1908	174	0	-14	4	0.00	4.95	0
CA53	CO3035	2.27	0 3-	Capacitor	2463	2285	1908	174	0	-14	0	0.00	4.95	0
CO3031	CO3030	2.30	71 2-	4ACSR	0	2247	1871	174	418	29	21	0.05	5.00	31
OC-1136750302	CO3031	2.30	0 2-	20 N FUSE	0	2247	1871	174	0	0	0	0.00	5.00	0
CO3032	CO3031	2.34	42 1-	4ACSR	0	0	1831	173	276	38	28	0.07	5.07	31
CO3033	CO3032	2.40	34 1-	4ACSR	0	0	1768	173	231	32	23	0.08	5.15	31
CO3135	CO3033	2.46	6 1-	4ACSR	0	0	1713	172	29	4	3	0.01	5.16	0
CO3034	CO3033	2.45	23 1-	4ACSR	0	0	1722	172	170	23	17	0.05	5.20	15
CO3261	CO3034	2.50	16 1-	4ACSR	0	0	1673	171	132	18	13	0.04	5.24	8
CO3262	CO3261	2.52	12 1-	4ACSR	0	0	1655	171	95	13	10	0.01	5.25	0
CO3265	CO3262	2.57	8 1-	4ACSR	0	0	1617	171	72	10	7	0.02	5.27	0
CO3268	CO3265	2.68	2 1-	4ACSR	0	0	1522	170	35	4	4	0.03	5.30	0
CO3269	CO3268	2.70	2 1-	4ACSR	0	0	1506	169	35	4	4	0.00	5.30	0
CO3266	CO3265	2.64	3 1-	4ACSR	0	0	1558	170	22	3	2	0.01	5.28	0
CO3267	CO3266	2.65	3 1-	4ACSR	0	0	1544	170	22	3	2	0.00	5.28	0
CO3263	CO3262	2.55	4 1-	4ACSR	0	0	1634	171	23	3	2	0.00	5.26	0
CO3264	CO3263	2.57	2 1-	4ACSR	0	0	1611	171	14	1	1	0.00	5.26	0
CO3259	CO3034	2.48	7 1-	4ACSR	0	0	1691	172	37	5	4	0.01	5.21	0
CO3260	CO3259	2.51	4 1-	4ACSR	0	0	1669	171	21	2	2	0.00	5.21	0
CO3253	CO3032	2.37	8 1-	4ACSR	0	0	1801	173	45	6	5	0.00	5.07	0
CO3254	CO3253	2.39	0 1-	4ACSR	0	0	1777	173	0	0	0	0.00	5.07	0
CO3255	CO3031	2.34	25 1-	4ACSR	0	0	1828	173	105	14	11	0.02	5.02	4
CO3256	CO3255	2.37	16 1-	4ACSR	0	0	1805	173	77	10	8	0.01	5.03	0
CO3257	CO3256	2.43	16 1-	4ACSR	0	0	1743	172	77	10	8	0.03	5.06	3
CO3258	CO3257	2.47	13 1-	4ACSR	0	0	1701	172	63	8	6	0.01	5.07	0
CO3829	CO3258	2.53	2 1-	4ACSR	0	0	1652	171	15	2	1	0.00	5.08	0
CO3830	CO3829	2.53	0 1-	4ACSR	0	0	1646	171	0	0	0	0.00	5.08	0
CO30690	CO3030	2.28	417 3-	4/0ACSR	2459	2281	1904	174	2745	128	38	0.02	4.97	58
CO3139	CO30690	2.32	1 1-	4ACSR	0	0	1863	174	10	1	1	0.00	4.97	0
OC2053195969	CO3139	2.32	0 1-	20 N FUSE	0	0	1863	174	0	0	0	0.00	4.97	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3138	CO30690	2.33	0 1-	4ACSR	0	0	1853	173	0	0	0	0.00	4.97	0
OC-767975413	CO3138	2.33	0 1-	20 N FUSE	0	0	1853	173	0	0	0	0.00	4.97	0
CO3270	CO30690	2.32	413 3-	4/0ACSR	2431	2254	1879	174	2704	127	37	0.05	5.02	178
CO3271	CO3270	2.38	412 3-	4/0ACSR	2388	2214	1842	174	2699	126	37	0.08	5.10	279
CO3272	CO3271	2.42	412 3-	4/0ACSR	2362	2190	1819	174	2698	126	37	0.05	5.14	176
CO3070	CO3272	2.48	43 3-	4ACSR	2279	2121	1751	173	273	12	9	0.03	5.18	16
OC1685544886	CO3070	2.48	26 3-	20 N FUSE	2279	2121	1751	173	193	9	45	0.00	5.18	0
CO3071	OC1685544886	2.53	26 3-	4ACSR	2231	2081	1712	172	193	9	6	0.01	5.19	5
CO3798	CO3071	2.57	25 3-	#4 ACSR 6/1	2180	2038	1671	172	190	8	6	0.02	5.21	5
CO3222	CO3798	2.59	16 1-	2ACSR	0	0	1657	172	145	20	11	0.01	5.22	3
CO3298	CO3222	2.68	16 1-	1/0PRIURD	0	0	1605	416	145	20	14	0.04	5.26	9
CO3299	CO3298	2.73	13 1-	1/0PRIURD	0	0	1582	414	135	18	13	0.02	5.28	3
CO3301	CO3299	2.74	10 1-	1/0PRIURD	0	0	1572	414	109	15	10	0.01	5.28	0
CO3302	CO3301	2.82	8 1-	1/0PRIURD	0	0	1534	411	90	12	8	0.02	5.30	3
CO3303	CO3302	2.91	7 1-	1/0PRIURD	0	0	1488	408	87	12	8	0.02	5.32	2
CO3304	CO3303	2.99	5 1-	1/0PRIURD	0	0	1454	406	48	6	5	0.01	5.33	0
CO3305	CO3304	3.03	4 1-	1/0PRIURD	0	0	1437	405	47	6	4	0.01	5.34	0
CO3221	CO3305	3.10	1 1-	1/0PRIURD	0	0	1407	403	13	1	1	0.00	5.34	0
CO-239806078	CO3305	3.06	3 1-	1/0PRIURD	0	0	1427	404	33	4	3	0.00	5.34	0
CO-1562382240	CO-239806078	3.06	1 1-	1/0PRIURD	0	0	1423	403	15	2	1	0.00	5.34	0
CO3306	CO-239806078	3.11	2 1-	1/0PRIURD	0	0	1402	402	19	2	2	0.00	5.34	0
CO3307	CO3306	3.24	1 1-	1/0PRIURD	0	0	1350	398	9	1	1	0.00	5.35	0
CO3308	CO3307	3.26	0 1-	1/0PRIURD	0	0	1342	397	0	0	0	0.00	5.35	0
CO3300	CO3299	2.82	1 1-	1/0PRIURD	0	0	1535	411	8	1	1	0.00	5.28	0
CO3797	CO3798	2.58	9 1-	1/0PRIURD	0	0	1670	419	45	6	4	0.00	5.21	0
CO3796	CO3797	2.59	9 1-	1/0PRIURD	0	0	1667	419	45	6	4	0.00	5.21	0
CO3297	CO3796	2.60	9 1-	1/0PRIURD	0	0	1665	419	45	6	4	0.00	5.21	0
CO3296	CO3297	2.65	7 1-	1/0PRIURD	0	0	1652	418	38	5	4	0.00	5.22	0
CO3295	CO3296	2.69	5 1-	1/0PRIURD	0	0	1643	417	35	4	3	0.00	5.22	0
CO3294	CO3295	2.74	2 1-	1/0PRIURD	0	0	1632	416	12	1	1	0.00	5.22	0
CO3293	CO3294	2.80	1 1-	1/0PRIURD	0	0	1618	414	4	0	0	0.00	5.22	0
CO3292	CO3293	2.83	0 1-	1/0PRIURD	0	0	1611	413	0	0	0	0.00	5.22	0
CO3291	CO3292	2.88	0 1-	1/0PRIURD	0	0	1600	412	0	0	0	0.00	5.22	0
CO-230378754	CO3291	2.89	0 1-	1/0PRIURD	0	0	1597	412	0	0	0	0.00	5.22	0
CO3081	CO3070	2.52	17 1-	750 MCM - 42 Wi	0	0	1739	173	80	11	1	0.00	5.18	0
CO3281	CO3081	2.54	17 1-	1/0PRIURD	0	0	1734	425	80	11	7	0.00	5.18	0
CO3282	CO3281	2.58	16 1-	1/0PRIURD	0	0	1723	424	78	10	7	0.01	5.19	0
CO3283	CO3282	2.59	15 1-	1/0PRIURD	0	0	1721	423	55	7	5	0.00	5.19	0
CO3284	CO3283	2.65	13 1-	1/0PRIURD	0	0	1708	422	53	7	5	0.01	5.20	0
CO3285	CO3284	2.66	8 1-	1/0PRIURD	0	0	1704	422	36	4	3	0.00	5.20	0
CO3286	CO3285	2.70	8 1-	1/0PRIURD	0	0	1696	421	36	4	3	0.00	5.20	0
CO3287	CO3286	2.73	6 1-	1/0PRIURD	0	0	1688	420	25	3	2	0.00	5.20	0
CO3288	CO3287	2.75	6 1-	1/0PRIURD	0	0	1681	419	25	3	2	0.00	5.20	0
CO3289	CO3288	2.79	5 1-	1/0PRIURD	0	0	1674	419	23	3	2	0.00	5.21	0
CO3290	CO3289	2.81	4 1-	1/0PRIURD	0	0	1667	418	7	0	1	0.00	5.21	0
CO3274	CO3272	2.45	7 1-	4ACSR	0	0	1781	173	28	3	3	0.01	5.15	0
OC-1053120301	CO3274	2.45	5 1-	20 N FUSE	0	0	1781	173	15	2	11	0.00	5.15	0
CO3137	OC-1053120301	2.50	3 1-	4/0ACSR	0	0	1754	173	7	1	0	0.00	5.15	0
CO3275	OC-1053120301	2.47	2 1-	4ACSR	0	0	1762	173	8	1	1	0.00	5.15	0
CO3278	CO3275	2.50	1 1-	4ACSR	0	0	1735	173	5	0	1	0.00	5.15	0
CO3279	CO3278	2.53	1 1-	4ACSR	0	0	1709	172	5	0	1	0.00	5.15	0
CO3280	CO3279	2.56	0 1-	4ACSR	0	0	1683	172	0	0	0	0.00	5.15	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3276	CO3275	2.57	1 1-	4ACSR	0	0	1674	172	3	0	0	0.00	5.15	0
CO3277	CO3276	2.67	1 1-	4ACSR	0	0	1584	171	3	0	0	0.00	5.15	0
CO3273	CO3272	2.45	362 3-	4/0ACSR	2338	2168	1798	173	2396	112	33	0.04	5.18	125
CO3056	CO3273	2.46	362 3-	4/0ACSR	2329	2159	1790	173	2395	112	33	0.02	5.20	54
CO3314	CO3056	2.49	362 3-	4/0ACSR	2311	2143	1775	173	2395	112	33	0.03	5.23	95
CO3315	CO3314	2.54	360 3-	4/0ACSR	2281	2115	1749	173	2386	112	33	0.05	5.28	168
CO3316	CO3315	2.57	359 3-	4/0ACSR	2258	2093	1728	173	2383	112	33	0.04	5.32	136
CO3317	CO3316	2.64	338 3-	4/0ACSR	2221	2058	1696	173	2336	110	32	0.07	5.39	211
CO3141	CO3317	2.65	3 1-	4ACSR	0	0	1683	173	7	0	1	0.00	5.39	0
OC26867483	CO3141	2.65	0 1-	20 N FUSE	0	0	1683	173	0	0	0	0.00	5.39	0
CO3079	CO3317	2.65	10 1-	4ACSR	0	0	1680	173	53	7	5	0.01	5.40	0
OC-1275291108	CO3079	2.65	10 1-	20 N FUSE	0	0	1680	173	53	7	37	0.00	5.40	0
CO3165	OC-1275291108	2.70	2 1-	1/0PRIURD	0	0	1656	423	12	1	1	0.00	5.40	0
CO3055	OC-1275291108	2.72	8 1-	1/0PRIURD	0	0	1643	422	41	5	4	0.01	5.40	0
CO3318	CO3055	2.76	7 1-	1/0PRIURD	0	0	1618	421	39	5	4	0.01	5.41	0
CO3319	CO3318	2.79	7 1-	1/0PRIURD	0	0	1606	420	39	5	4	0.00	5.41	0
CO3321	CO3319	2.92	5 1-	1/0PRIURD	0	0	1537	415	25	3	2	0.01	5.42	0
CO-1854361613	CO3321	3.00	1 1-	1/0PRIURD	0	0	1509	413	9	1	1	0.00	5.42	0
CO3322	CO3321	3.05	1 1-	1/0PRIURD	0	0	1475	411	8	1	1	0.00	5.42	0
CO3320	CO3319	2.83	2 1-	1/0PRIURD	0	0	1582	418	14	1	1	0.00	5.41	0
CO3036	CO3317	2.70	324 3-	4/0ACSR	2184	2024	1665	173	2274	107	32	0.07	5.45	200
CO3140	CO3036	2.80	2 1-	4ACSR	0	0	1577	172	8	1	1	0.00	5.46	0
OC1527114888	CO3140	2.80	0 1-	20 N FUSE	0	0	1577	172	0	0	0	0.00	5.46	0
CO3037	CO3036	2.85	322 3-	4/0ACSR	2099	1945	1592	172	2265	106	31	0.16	5.62	498
CO3800	CO3037	2.85	236 3-	4/0ACSR	2095	1942	1589	172	1604	75	22	0.01	5.62	11
OC947	CO3800	2.85	236 3-	NoDevice	2095	1942	1589	172	1604	75	0	0.00	5.62	0
CO3801	OC947	2.89	236 3-	4/0ACSR	2079	1926	1575	172	1604	75	22	0.02	5.64	51
CO3038	CO3801	2.96	152 3-	4/0ACSR	2039	1889	1542	172	1053	49	15	0.04	5.68	54
CO3405	CO3038	3.00	2 1-	4ACSR	0	0	1514	172	91	12	9	0.02	5.70	3
CO3406	CO3405	3.02	2 1-	4ACSR	0	0	1501	171	91	12	9	0.01	5.71	0
CO3039	CO3038	3.06	150 3-	4/0ACSR	1992	1845	1502	172	962	45	13	0.04	5.73	56
CO3047	CO3039	3.09	14 1-	4ACSR	0	0	1476	171	110	15	11	0.02	5.75	4
CO3407	CO3047	3.11	1 1-	4ACSR	0	0	1463	171	4	0	0	0.00	5.75	0
CO3408	CO3407	3.19	1 1-	4ACSR	0	0	1413	170	4	0	0	0.00	5.75	0
CO3048	CO3047	3.15	11 1-	4ACSR	0	0	1438	171	91	12	9	0.03	5.78	5
CO3411	CO3048	3.22	8 1-	4ACSR	0	0	1392	170	59	8	6	0.02	5.81	0
CO3412	CO3411	3.25	7 1-	4ACSR	0	0	1377	170	44	6	5	0.01	5.81	0
CO3413	CO3412	3.29	7 1-	4ACSR	0	0	1349	169	44	6	5	0.01	5.83	0
CO3414	CO3413	3.33	5 1-	4ACSR	0	0	1327	169	28	3	3	0.00	5.83	0
CO3224	CO3414	3.37	1 1-	2ACSR	0	0	1310	169	5	0	0	0.00	5.83	0
CO3415	CO3414	3.37	1 1-	4ACSR	0	0	1304	168	4	0	0	0.00	5.83	0
CO3416	CO3415	3.42	1 1-	4ACSR	0	0	1278	168	4	0	0	0.00	5.83	0
CO3409	CO3048	3.17	3 1-	4ACSR	0	0	1427	171	32	4	3	0.00	5.79	0
CO3410	CO3409	3.23	1 1-	4ACSR	0	0	1389	170	7	0	1	0.00	5.79	0
CO3040	CO3039	3.13	136 3-	4/0ACSR	1956	1812	1472	172	852	40	12	0.03	5.76	35
CO3152	CO3040	3.19	1 1-	4ACSR	0	0	1434	171	4	0	0	0.00	5.76	0
OC759771043	CO3152	3.19	0 1-	20 N FUSE	0	0	1434	171	0	0	0	0.00	5.76	0
CO3076	CO3040	3.21	115 3-	1/0ACSR	1909	1770	1434	171	733	34	15	0.05	5.80	55
CO3194	CO3076	3.25	0 1-	4ACSR	0	0	1410	171	0	0	0	0.00	5.80	0
CO3075	CO3076	3.30	114 3-	1/0ACSR	1859	1724	1393	171	733	34	15	0.06	5.86	63
CO3151	CO3075	3.34	2 1-	4ACSR	0	0	1370	170	6	0	1	0.00	5.86	0
OC-332723472	CO3151	3.34	0 1-	20 N FUSE	0	0	1370	170	0	0	0	0.00	5.86	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3419	CO3075	3.31	112 3-	1/0ACSR	1852	1718	1388	171	726	34	15	0.01	5.87	9
CO3420	CO3419	3.37	111 3-	1/0ACSR	1824	1693	1365	170	725	34	15	0.03	5.90	36
CO3421	CO3420	3.40	111 3-	1/0ACSR	1809	1679	1353	170	725	34	15	0.02	5.92	19
CO3153	CO3421	3.47	1 1-	4ACSR	0	0	1310	169	5	0	1	0.00	5.92	0
OC-104346431	CO3153	3.47	0 1-	20 N FUSE	0	0	1310	169	0	0	0	0.00	5.92	0
CO3806	CO3421	3.40	110 3-	1/0ACSR	1805	1676	1350	170	720	34	15	0.00	5.92	4
OC106	CO3806	3.40	110 3-	70 L OCR	1805	1676	1350	170	720	34	49	0.00	5.92	0
CO3807	OC106	3.81	110 3-	1/0ACSR	1618	1507	1202	168	720	34	15	0.24	6.16	267
CO3422	CO3807	3.85	109 3-	1/0ACSR	1601	1491	1188	168	715	33	15	0.02	6.18	28
CO3057	CO3422	3.91	52 1-	4ACSR	0	0	1161	167	367	52	37	0.14	6.33	87
CO3168	CO3057	3.95	2 1-	4ACSR	0	0	1143	167	21	2	2	0.00	6.33	0
CO3058	CO3057	4.03	46 1-	4ACSR	0	0	1111	166	299	42	30	0.23	6.55	114
OC-2090373536	CO3058	4.03	45 1-	20 N FUSE	0	0	1111	166	295	42	211	0.00	6.55	0
CO3170	OC-2090373536	4.04	0 1-	4ACSR	0	0	1103	166	0	0	0	0.00	6.55	0
CO3169	OC-2090373536	4.06	1 1-	4ACSR	0	0	1096	166	6	0	1	0.00	6.56	0
CO3452	OC-2090373536	4.14	44 1-	4ACSR	0	0	1065	165	289	41	29	0.21	6.77	101
CO3453	CO3452	4.19	43 1-	4ACSR	0	0	1045	165	279	39	29	0.09	6.86	44
CO3454	CO3453	4.22	43 1-	4ACSR	0	0	1036	164	279	39	29	0.04	6.90	20
CO3455	CO3454	4.30	43 1-	4ACSR	0	0	1006	163	279	39	29	0.15	7.05	71
CO3059	CO3455	4.39	41 1-	4ACSR	0	0	974	163	265	37	27	0.16	7.22	73
CO3176	CO3059	4.43	1 1-	4ACSR	0	0	962	162	18	2	2	0.00	7.22	0
CO3060	CO3059	4.46	40 1-	4ACSR	0	0	951	162	246	35	25	0.11	7.33	47
CO3173	CO3060	4.55	0 1-	4ACSR	0	0	925	161	0	0	0	0.00	7.33	0
CO3061	CO3060	4.65	35 1-	4ACSR	0	0	893	160	221	31	23	0.27	7.61	102
CO3172	CO3061	4.75	2 1-	4ACSR	0	0	867	159	16	2	2	0.01	7.61	0
CO2084320906	CO3172	4.78	1 1-	2ACSR	0	0	860	159	8	1	1	0.00	7.61	0
CO8239	CO3061	4.99	32 1-	4ACSR	0	0	805	157	202	29	21	0.45	8.06	154
CO2849	CO8239	5.13	0 1-	4ACSR	0	0	772	156	0	0	0	0.00	8.06	0
CO2641	CO2849	5.47	0 1-	4ACSR	0	0	705	153	0	0	0	0.00	8.06	0
CO2401	CO8239	5.10	32 1-	4ACSR	0	0	780	156	202	29	21	0.14	8.20	49
CO2527	CO2401	5.17	32 1-	4ACSR	0	0	764	155	201	29	21	0.09	8.29	32
OC1802725673	CO2527	5.17	32 1-	20 N FUSE	0	0	764	155	201	29	146	0.00	8.29	0
CO2526	OC1802725673	5.31	32 1-	4ACSR	0	0	736	154	201	29	21	0.18	8.47	61
CO2528	CO2526	5.43	31 1-	4ACSR	0	0	712	153	195	28	20	0.16	8.63	53
CO2440	CO2528	5.49	2 1-	4ACSR	0	0	701	152	14	2	1	0.00	8.63	0
CO2396	CO2528	5.51	29 1-	4ACSR	0	0	696	152	181	26	19	0.10	8.73	30
CO2530	CO2396	5.99	26 1-	4ACSR	0	0	619	148	170	24	18	0.53	9.26	155
CO2529	CO2530	6.07	26 1-	4ACSR	0	0	607	148	169	24	18	0.09	9.35	27
CO2531	CO2529	6.10	25 1-	4ACSR	0	0	602	147	165	24	17	0.04	9.39	11
CO2532	CO2531	6.15	25 1-	4ACSR	0	0	596	147	165	24	17	0.05	9.44	13
CO2533	CO2532	6.21	25 1-	4ACSR	0	0	588	146	165	24	17	0.07	9.51	20
CO2538	CO2533	6.29	24 1-	4ACSR	0	0	577	146	165	24	17	0.09	9.60	26
CO2537	CO2538	6.37	24 1-	4ACSR	0	0	568	145	165	24	17	0.08	9.68	22
CO2535	CO2537	6.44	24 1-	4ACSR	0	0	560	145	165	24	17	0.07	9.75	20
CO2534	CO2535	6.52	22 1-	4ACSR	0	0	549	144	153	22	16	0.09	9.84	22
CO2536	CO2534	6.58	21 1-	4ACSR	0	0	543	143	137	20	14	0.05	9.89	12
CO2637	CO2536	6.63	18 1-	4ACSR	0	0	537	143	115	16	12	0.04	9.93	8
CO2636	CO2637	6.67	18 1-	4ACSR	0	0	532	143	115	16	12	0.03	9.96	7
CO2771	CO2636	6.72	1 1-	4ACSR	0	0	527	142	0	0	0	0.00	9.96	0
CO2770	CO2771	6.79	0 1-	4ACSR	0	0	520	142	0	0	0	0.00	9.96	0
CO2639	CO2636	6.72	17 1-	4ACSR	0	0	527	142	115	16	12	0.03	10.00	7
CO2638	CO2639	6.81	16 1-	4ACSR	0	0	517	142	104	15	11	0.06	10.06	11

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2640	CO2638	7.00	15 1-	4ACSR	0	0	498	140	103	15	11	0.13	10.19	23
CO2473	CO2640	7.09	1 1-	4ACSR	0	0	490	140	11	1	1	0.00	10.19	0
CO2411	CO2640	7.10	13 1-	4ACSR	0	0	489	140	90	13	9	0.06	10.25	9
OC-1809275652	CO2411	7.10	13 1-	20 N FUSE	0	0	489	140	90	13	66	0.00	10.25	0
CO2412	OC-1809275652	7.19	12 1-	4ACSR	0	0	481	139	84	12	9	0.05	10.30	8
CO2476	CO2412	7.27	1 1-	4ACSR	0	0	474	138	6	0	1	0.00	10.30	0
CO2644	CO2412	7.26	11 1-	4ACSR	0	0	475	138	78	11	8	0.03	10.33	4
CO2643	CO2644	7.29	10 1-	4ACSR	0	0	472	138	65	9	7	0.01	10.35	0
CO2642	CO2643	7.48	10 1-	4ACSR	0	0	457	137	65	9	7	0.07	10.42	7
CO2645	CO2642	7.51	8 1-	4ACSR	0	0	454	137	48	7	5	0.01	10.43	0
CO2646	CO2645	7.57	7 1-	4ACSR	0	0	449	136	46	6	5	0.02	10.44	0
CO2492	CO2646	7.63	2 1-	4ACSR	0	0	444	136	14	2	2	0.00	10.45	0
CO8383	CO2646	7.67	3 1-	4ACSR	0	0	442	135	21	3	2	0.01	10.46	0
CO1957	CO8383	7.70	3 1-	4ACSR	0	0	439	135	21	3	2	0.00	10.46	0
CO1698	CO1957	7.73	2 1-	4ACSR	0	0	437	135	11	1	1	0.00	10.46	0
CO1795	CO1698	7.77	0 1-	4ACSR	0	0	434	135	0	0	0	0.00	10.46	0
CO1794	CO1795	7.87	0 1-	4ACSR	0	0	427	134	0	0	0	0.00	10.46	0
CO2024	CO1794	7.96	0 1-	4ACSR	0	0	420	133	0	0	0	0.00	10.46	0
CO2023	CO2024	7.96	0 1-	4ACSR	0	0	420	133	0	0	0	0.00	10.46	0
CO1616	CO1698	7.79	1 1-	4ACSR	0	0	433	135	11	1	1	0.00	10.47	0
CO2772	CO2646	7.62	1 1-	4ACSR	0	0	445	136	0	0	0	0.00	10.44	0
CO2776	CO2772	7.64	1 1-	4ACSR	0	0	443	136	0	0	0	0.00	10.44	0
CO2773	CO2776	7.70	0 1-	4ACSR	0	0	439	135	0	0	0	0.00	10.44	0
CO2775	CO2773	7.80	0 1-	4ACSR	0	0	432	135	0	0	0	0.00	10.44	0
CO2774	CO2775	7.86	0 1-	4ACSR	0	0	428	134	0	0	0	0.00	10.44	0
CO2769	OC-1809275652	7.19	1 1-	4ACSR	0	0	481	139	6	0	1	0.00	10.25	0
CO2474	CO2769	7.25	0 1-	4ACSR	0	0	475	138	0	0	0	0.00	10.25	0
CO2768	CO2769	7.25	1 1-	4ACSR	0	0	475	138	6	0	1	0.00	10.25	0
CO2780	CO2536	6.71	3 1-	2ACSR	0	0	531	143	22	3	2	0.01	9.90	0
CO2779	CO2780	6.73	3 1-	2ACSR	0	0	530	143	22	3	2	0.00	9.90	0
CO2786	CO2779	6.83	1 1-	2ACSR	0	0	522	142	6	0	0	0.00	9.91	0
CO2783	CO2786	6.87	1 1-	2ACSR	0	0	518	142	6	0	0	0.00	9.91	0
CO2785	CO2783	6.93	1 1-	2ACSR	0	0	514	142	6	0	0	0.00	9.91	0
CO2784	CO2785	6.98	1 1-	2ACSR	0	0	510	141	6	0	0	0.00	9.91	0
CO2781	CO2779	6.77	1 1-	2ACSR	0	0	526	142	9	1	1	0.00	9.91	0
CO2441	CO2396	5.57	2 1-	4ACSR	0	0	686	152	8	1	1	0.00	8.73	0
CO8254	CO2401	5.22	0 1-	4ACSR	0	0	754	155	0	0	0	0.00	8.20	0
CO3458	CO3060	4.50	5 1-	4ACSR	0	0	939	161	24	3	3	0.01	7.34	0
CO3175	CO3458	4.55	1 1-	4ACSR	0	0	925	161	16	2	2	0.00	7.34	0
CO3174	CO3458	4.59	0 1-	4ACSR	0	0	911	161	0	0	0	0.00	7.34	0
CO3459	CO3458	4.59	3 1-	4ACSR	0	0	911	161	9	1	1	0.01	7.34	0
CO3460	CO3459	4.63	1 1-	4ACSR	0	0	900	160	8	1	1	0.00	7.34	0
CO3456	CO3455	4.38	2 1-	4ACSR	0	0	978	163	14	1	1	0.01	7.06	0
CO3457	CO3456	4.48	1 1-	4ACSR	0	0	947	162	14	1	1	0.00	7.07	0
CO3446	CO3057	3.95	4 1-	4ACSR	0	0	1141	167	47	6	5	0.01	6.34	0
CO3447	CO3446	4.05	3 1-	4ACSR	0	0	1101	166	37	5	4	0.02	6.36	0
CO3450	CO3447	4.14	1 1-	4ACSR	0	0	1063	165	11	1	1	0.01	6.36	0
CO3451	CO3450	4.19	1 1-	4ACSR	0	0	1045	165	11	1	1	0.00	6.37	0
CO3448	CO3447	4.07	1 1-	4ACSR	0	0	1091	166	14	1	1	0.00	6.36	0
CO3449	CO3448	4.13	1 1-	4ACSR	0	0	1068	165	14	1	1	0.00	6.36	0
CO3423	CO3422	3.97	56 1-	4ACSR	0	0	1132	167	339	48	34	0.27	6.45	147
CO3424	CO3423	3.99	54 1-	4ACSR	0	0	1125	167	315	44	32	0.03	6.48	18

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3425	CO3424	4.01	54 1-	4ACSR	0	0	1118	166	315	44	32	0.04	6.52	19
CO3426	CO3425	4.04	53 1-	4ACSR	0	0	1106	166	311	44	32	0.06	6.58	30
CO3427	CO3426	4.07	51 1-	4ACSR	0	0	1094	166	303	43	31	0.06	6.64	29
CO3166	CO3427	4.10	2 1-	4ACSR	0	0	1079	165	9	1	1	0.00	6.64	0
CO3428	CO3427	4.08	49 1-	4ACSR	0	0	1090	166	294	42	30	0.02	6.65	9
CO3429	CO3428	4.10	47 1-	4ACSR	0	0	1079	165	280	40	29	0.05	6.70	24
OC1693866320	CO3429	4.10	45 1-	20 N FUSE	0	0	1079	165	278	39	199	0.00	6.70	0
CO3430	OC1693866320	4.11	45 1-	4ACSR	0	0	1075	165	278	39	28	0.02	6.72	9
CO3167	CO3430	4.14	1 1-	4ACSR	0	0	1064	165	7	1	1	0.00	6.72	0
CO3431	CO3430	4.14	44 1-	4ACSR	0	0	1066	165	271	38	28	0.04	6.76	19
CO3432	CO3431	4.19	42 1-	4ACSR	0	0	1046	165	265	37	27	0.09	6.85	39
CO3435	CO3432	4.25	32 1-	4ACSR	0	0	1025	164	224	32	23	0.08	6.93	31
CO1055143962	CO3435	4.27	4 1-	2ACSR	0	0	1019	164	27	3	2	0.00	6.94	0
CO3436	CO3435	4.36	27 1-	4ACSR	0	0	985	163	195	27	20	0.14	7.07	44
CO3440	CO3436	4.42	24 1-	4ACSR	0	0	963	162	142	20	15	0.06	7.13	15
CO3441	CO3440	4.48	24 1-	4ACSR	0	0	944	162	142	20	15	0.05	7.19	13
CO3442	CO3441	4.51	22 1-	4ACSR	0	0	936	161	134	19	14	0.02	7.21	5
CO3191	CO3442	4.53	0 1-	4ACSR	0	0	929	161	0	0	0	0.00	7.21	0
CO3443	CO3442	4.56	22 1-	4ACSR	0	0	922	161	134	19	14	0.04	7.25	9
CO3444	CO3443	4.68	22 1-	4ACSR	0	0	885	160	134	19	14	0.11	7.36	25
CO3445	CO3444	4.81	22 1-	4ACSR	0	0	849	159	133	19	14	0.11	7.48	25
OC264682515	CO3445	4.81	22 1-	20 N FUSE	0	0	849	159	133	19	96	0.00	7.48	0
CO8258	OC264682515	5.03	22 1-	4ACSR	0	0	797	157	133	19	14	0.19	7.66	42
CO2460	CO8258	5.07	0 1-	4ACSR	0	0	786	156	0	0	0	0.00	7.66	0
CO2405	CO8258	5.14	22 1-	4ACSR	0	0	770	155	133	19	14	0.10	7.76	23
CO2625	CO2405	5.22	18 1-	4ACSR	0	0	755	155	121	17	12	0.06	7.82	12
CO2622	CO2625	5.38	17 1-	4ACSR	0	0	721	153	121	17	12	0.13	7.95	27
CO2624	CO2622	5.45	17 1-	4ACSR	0	0	707	153	121	17	12	0.06	8.01	12
CO2623	CO2624	5.64	17 1-	4ACSR	0	0	673	151	121	17	12	0.15	8.16	31
CO2627	CO2623	5.88	17 1-	4ACSR	0	0	635	149	120	17	12	0.18	8.34	36
CO2626	CO2627	5.90	16 1-	4ACSR	0	0	631	149	111	16	11	0.01	8.36	3
CO2630	CO2626	5.97	14 1-	4ACSR	0	0	621	148	97	14	10	0.05	8.40	7
CO2631	CO2630	6.07	14 1-	4ACSR	0	0	607	148	97	14	10	0.06	8.46	10
CO2629	CO2631	6.14	12 1-	4ACSR	0	0	597	147	91	13	9	0.04	8.50	7
CO2628	CO2629	6.21	12 1-	4ACSR	0	0	588	146	91	13	9	0.04	8.55	7
CO2633	CO2628	6.28	11 1-	4ACSR	0	0	579	146	80	11	8	0.04	8.58	5
CO2632	CO2633	6.38	11 1-	4ACSR	0	0	567	145	80	11	8	0.05	8.63	7
CO2466	CO2632	6.42	1 1-	4ACSR	0	0	561	145	17	2	2	0.00	8.64	0
CO2406	CO2632	6.42	10 1-	4ACSR	0	0	561	145	63	9	7	0.02	8.65	0
CO2635	CO2406	6.53	9 1-	4ACSR	0	0	548	144	55	8	6	0.04	8.69	4
CO2634	CO2635	6.62	9 1-	4ACSR	0	0	538	143	55	8	6	0.03	8.73	3
CO2407	CO2634	6.81	8 1-	4ACSR	0	0	517	142	53	7	5	0.07	8.79	6
CO2472	CO2407	6.91	1 1-	4ACSR	0	0	508	141	16	2	2	0.01	8.80	0
CO2408	CO2407	6.85	7 1-	4ACSR	0	0	514	141	36	5	4	0.01	8.80	0
CO2471	CO2408	6.97	1 1-	4ACSR	0	0	502	141	4	0	0	0.00	8.80	0
CO2409	CO2408	6.91	6 1-	4ACSR	0	0	508	141	32	4	3	0.01	8.81	0
CO2468	CO2409	6.97	1 1-	4ACSR	0	0	502	141	9	1	1	0.00	8.82	0
CO2410	CO2409	7.16	5 1-	4ACSR	0	0	484	139	23	3	2	0.04	8.85	0
CO2470	CO2410	7.22	1 1-	4ACSR	0	0	479	139	1	0	0	0.00	8.85	0
CO2469	CO2410	7.22	2 1-	4ACSR	0	0	479	139	5	0	0	0.00	8.85	0
CO2765	CO2410	7.23	2 1-	4ACSR	0	0	478	139	17	2	2	0.01	8.86	0
CO2767	CO2765	7.28	2 1-	4ACSR	0	0	473	138	17	2	2	0.00	8.86	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2766	CO2767	7.42	1 1-	4ACSR	0	0	461	137	7	1	1	0.00	8.87	0
CO2764	CO2634	6.72	1 1-	4ACSR	0	0	527	142	3	0	0	0.00	8.73	0
CO2763	CO2764	6.81	1 1-	4ACSR	0	0	517	142	3	0	0	0.00	8.73	0
CO2467	CO2406	6.51	1 1-	4ACSR	0	0	551	144	8	1	1	0.00	8.66	0
CO2760	CO2632	6.42	0 1-	4ACSR	0	0	561	145	0	0	0	0.00	8.63	0
CO2762	CO2760	6.49	0 1-	4ACSR	0	0	552	144	0	0	0	0.00	8.63	0
CO2761	CO2762	6.61	0 1-	4ACSR	0	0	539	143	0	0	0	0.00	8.63	0
CO2491	CO2628	6.27	0 1-	2ACSR	0	0	582	146	0	0	0	0.00	8.55	0
CO2465	CO2628	6.27	1 1-	4ACSR	0	0	580	146	10	1	1	0.00	8.55	0
CO2801	CO2631	6.14	1 1-	4ACSR	0	0	597	147	3	0	0	0.00	8.46	0
CO2800	CO2801	6.20	1 1-	4ACSR	0	0	589	146	3	0	0	0.00	8.46	0
CO2464	CO2626	5.95	1 1-	4ACSR	0	0	624	149	7	1	1	0.00	8.36	0
CO2463	CO2626	5.94	0 1-	4ACSR	0	0	626	149	0	0	0	0.00	8.36	0
CO2462	CO2623	5.71	0 1-	4ACSR	0	0	661	151	0	0	0	0.00	8.16	0
CO2759	CO2623	5.74	0 1-	4ACSR	0	0	658	150	0	0	0	0.00	8.16	0
CO2758	CO2759	5.77	0 1-	4ACSR	0	0	652	150	0	0	0	0.00	8.16	0
CO2461	CO2405	5.21	2 1-	4ACSR	0	0	756	155	8	1	1	0.00	7.77	0
CO2757	CO2405	5.23	2 1-	4ACSR	0	0	752	155	5	0	0	0.00	7.77	0
CO2756	CO2757	5.31	0 1-	4ACSR	0	0	735	154	0	0	0	0.00	7.77	0
CO3438	CO3436	4.43	2 1-	4ACSR	0	0	960	162	38	5	4	0.02	7.09	0
CO3198	CO3438	4.62	1 1-	2ACSR	0	0	913	161	21	2	2	0.01	7.10	0
CO3439	CO3438	4.47	1 1-	4ACSR	0	0	948	162	17	2	2	0.00	7.09	0
CO3437	CO3439	4.50	0 1-	4ACSR	0	0	939	161	0	0	0	0.00	7.09	0
CO3433	CO3432	4.23	10 1-	4ACSR	0	0	1031	164	41	5	4	0.01	6.86	0
CO3434	CO3433	4.26	6 1-	4ACSR	0	0	1021	164	28	3	3	0.00	6.86	0
CO3199	CO3434	4.30	2 1-	2ACSR	0	0	1010	164	15	2	1	0.00	6.87	0
CO3461	CO3040	3.22	18 3-	4/0ACSR	1914	1773	1437	171	107	5	1	0.00	5.76	0
CO3462	CO3461	3.28	17 3-	4/0ACSR	1887	1748	1414	171	100	4	1	0.00	5.76	0
CO3463	CO3462	3.30	17 3-	4/0ACSR	1878	1740	1407	171	100	4	1	0.00	5.76	0
CO3464	CO3463	3.33	14 3-	4/0ACSR	1865	1727	1396	171	89	4	1	0.00	5.77	0
CO3465	CO3464	3.36	14 3-	4/0ACSR	1855	1718	1388	171	89	4	1	0.00	5.77	0
CO3466	CO3465	3.38	13 3-	4/0ACSR	1846	1710	1381	171	83	3	1	0.00	5.77	0
CO3145	CO3466	3.43	1 1-	4ACSR	0	0	1348	170	15	2	1	0.00	5.77	0
OC1195476983	CO3145	3.43	0 1-	20 N FUSE	0	0	1348	170	0	0	0	0.00	5.77	0
CO3144	CO3466	3.43	1 1-	4ACSR	0	0	1348	170	13	1	1	0.00	5.77	0
CO3041	CO3466	3.44	7 3-	4/0ACSR	1819	1685	1358	171	40	1	1	0.00	5.77	0
CO3143	CO3041	3.49	1 1-	4ACSR	0	0	1332	170	12	1	1	0.00	5.77	0
OC364501441	CO3143	3.49	0 1-	20 N FUSE	0	0	1332	170	0	0	0	0.00	5.77	0
CO3042	CO3041	3.48	6 3-	4/0ACSR	1803	1670	1346	171	28	1	0	0.00	5.77	0
CO3044	CO3042	3.59	3 1-	4/0ACSR	0	0	1313	170	26	3	1	0.01	5.77	0
OC-1890007718	CO3044	3.59	2 1-	20 N FUSE	0	0	1313	170	25	3	17	0.00	5.77	0
CO3469	OC-1890007718	3.64	1 1-	4/0ACSR	0	0	1295	170	18	2	1	0.00	5.78	0
CO3470	CO3469	3.68	1 1-	4/0ACSR	0	0	1284	170	18	2	1	0.00	5.78	0
CO3471	CO3470	3.79	1 1-	4/0ACSR	0	0	1251	170	18	2	1	0.00	5.78	0
CO3467	OC-1890007718	3.81	1 1-	4ACSR	0	0	1198	168	7	0	1	0.01	5.78	0
CO3468	CO3467	3.85	1 1-	4ACSR	0	0	1180	167	7	0	1	0.00	5.78	0
CO3819	CO3042	3.49	0 3-	4/0ACSR	1801	1668	1343	171	0	0	0	0.00	5.77	0
SW89-A	CO3819	3.49	0 3-	Open	1801	1668	1343	171	0	0	0	0.00	5.77	0
CO3417	CO3040	3.16	2 1-	4/0ACSR	0	0	1461	171	8	1	0	0.00	5.76	0
OC678459799	CO3417	3.16	0 1-	20 N FUSE	0	0	1461	171	0	0	0	0.00	5.76	0
CO3418	OC678459799	3.20	0 1-	4/0ACSR	0	0	1446	171	0	0	0	0.00	5.76	0
CO3802	CO3801	2.89	80 1-	4ACSR	0	0	1570	172	537	75	54	0.02	5.67	20

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC105	CO3802	2.89	80 1-	50 L OCR	0	0	1570	172	537	75	0	0.00	5.67	0
CO3803	OC105	2.91	80 1-	4ACSR	0	0	1553	172	537	75	54	0.08	5.75	69
CO3324	CO3803	2.95	78 1-	4ACSR	0	0	1528	172	532	75	54	0.12	5.86	102
CO3164	CO3324	2.99	5 1-	750 MCM - 42 Wi	0	0	1517	172	40	5	0	0.00	5.86	0
CO3831	CO3324	3.02	71 1-	4ACSR	0	0	1474	171	480	68	49	0.23	6.09	187
CO3832	CO3831	3.11	71 1-	4ACSR	0	0	1417	170	479	68	49	0.25	6.35	200
CO3327	CO3832	3.15	70 1-	4ACSR	0	0	1388	169	457	65	46	0.12	6.47	91
CO3328	CO3327	3.18	61 1-	4ACSR	0	0	1373	169	404	57	41	0.06	6.53	41
CO3051	CO3328	3.24	38 1-	4/0ACSR	0	0	1351	169	192	27	8	0.02	6.56	6
CO3804	CO3051	3.25	30 1-	4/0ACSR	0	0	1349	169	150	21	6	0.00	6.56	0
CO3805	CO3804	3.31	30 1-	4/0ACSR	0	0	1328	169	150	21	6	0.02	6.58	3
CO3358	CO3805	3.39	24 1-	4/0ACSR	0	0	1303	169	110	15	5	0.02	6.59	2
CO3052	CO3358	3.43	4 1-	4/0ACSR	0	0	1291	168	23	3	1	0.00	6.59	0
CO3348	CO3052	3.47	4 1-	4/0ACSR	0	0	1280	168	23	3	1	0.00	6.60	0
CO3351	CO3348	3.49	4 1-	4/0ACSR	0	0	1275	168	23	3	1	0.00	6.60	0
CO3352	CO3351	3.53	0 1-	4/0ACSR	0	0	1264	168	0	0	0	0.00	6.60	0
CO3353	CO3358	3.41	20 1-	4/0ACSR	0	0	1299	169	87	12	4	0.00	6.60	0
CO3356	CO3353	3.48	20 1-	4/0ACSR	0	0	1276	168	87	12	4	0.01	6.60	0
CO3357	CO3356	3.53	8 1-	4/0ACSR	0	0	1262	168	46	6	2	0.00	6.61	0
CO3354	CO3357	3.59	5 1-	4/0ACSR	0	0	1246	168	27	3	1	0.00	6.61	0
CO3355	CO3354	3.62	2 1-	4/0ACSR	0	0	1236	168	14	2	1	0.00	6.61	0
CO38678675	CO3355	3.66	2 1-	2ACSR	0	0	1221	168	14	2	1	0.00	6.61	0
CO3359	CO3051	3.27	8 1-	4/0ACSR	0	0	1342	169	42	6	2	0.00	6.56	0
CO3360	CO3359	3.30	0 1-	4/0ACSR	0	0	1333	169	0	0	0	0.00	6.56	0
CO3049	CO3328	3.27	23 1-	4ACSR	0	0	1316	168	212	30	22	0.12	6.66	43
CO3050	CO3049	3.31	19 1-	4ACSR	0	0	1294	168	176	25	18	0.04	6.70	13
CO3346	CO3050	3.35	10 1-	4ACSR	0	0	1273	167	76	10	8	0.02	6.72	2
CO3347	CO3346	3.39	10 1-	4ACSR	0	0	1250	167	76	10	8	0.01	6.73	0
CO3345	CO3347	3.46	3 1-	4ACSR	0	0	1212	166	33	4	3	0.01	6.74	0
CO3341	CO3050	3.35	9 1-	4/0ACSR	0	0	1283	168	100	14	4	0.01	6.71	0
CO3342	CO3341	3.44	7 1-	4/0ACSR	0	0	1255	167	73	10	3	0.01	6.72	0
CO3343	CO3342	3.48	7 1-	4/0ACSR	0	0	1244	167	73	10	3	0.00	6.73	0
CO-1526601957	CO3343	3.50	3 1-	2ACSR	0	0	1233	167	31	4	2	0.00	6.73	0
CO2083371267	CO-1526601957	3.52	1 1-	2ACSR	0	0	1229	167	18	2	1	0.00	6.73	0
CO320394142	CO2083371267	3.55	1 1-	1/0PRIURD	0	0	1218	388	18	2	2	0.00	6.73	0
CO309534129	CO-1526601957	3.54	2 1-	2ACSR	0	0	1221	167	13	1	1	0.00	6.73	0
CO3210	CO309534129	3.57	2 1-	1/0PRIURD	0	0	1210	387	13	1	1	0.00	6.73	0
CO3344	CO3343	3.54	1 1-	4/0ACSR	0	0	1228	167	18	2	1	0.00	6.73	0
CO3339	CO3049	3.31	2 1-	4ACSR	0	0	1294	168	17	2	2	0.00	6.66	0
CO3340	CO3339	3.35	2 1-	4ACSR	0	0	1273	167	17	2	2	0.00	6.66	0
CO3325	CO3037	2.88	86 3-	4/0ACSR	2083	1930	1578	172	659	31	9	0.01	5.63	8
OC95	CO3325	2.88	85 3-	50 L OCR	2083	1930	1578	172	658	31	0	0.00	5.63	0
CO3326	OC95	2.91	85 3-	4/0ACSR	2064	1912	1562	172	658	31	9	0.01	5.64	10
CO3323	CO3326	2.99	85 3-	4/0ACSR	2025	1876	1530	172	657	31	9	0.02	5.66	21
CO3799	CO3323	3.00	84 3-	750 MCM - 42 Wi	2023	1874	1528	172	654	30	3	0.00	5.66	0
CO3331	CO3799	3.03	46 1-	4/0ACSR	0	0	1513	172	411	58	17	0.03	5.69	14
CO3332	CO3331	3.11	46 1-	4/0ACSR	0	0	1483	172	410	58	17	0.06	5.75	30
CO3333	CO3332	3.14	42 1-	4/0ACSR	0	0	1468	172	388	55	16	0.03	5.77	14
CO3156	CO3333	3.19	2 1-	4/0ACSR	0	0	1450	171	6	0	0	0.00	5.77	0
CO3374	CO3333	3.22	37 1-	4/0ACSR	0	0	1439	171	375	53	16	0.05	5.83	27
CO3375	CO3374	3.26	37 1-	4/0ACSR	0	0	1425	171	374	53	16	0.03	5.85	13
CO3376	CO3375	3.28	36 1-	4/0ACSR	0	0	1418	171	369	52	15	0.01	5.87	6

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3379	CO3376	3.31	1 1-	4/0ACSR	0	0	1408	171	5	0	0	0.00	5.87	0
CO3380	CO3379	3.33	1 1-	4/0ACSR	0	0	1398	171	5	0	0	0.00	5.87	0
CO3377	CO3376	3.33	35 1-	4ACSR	0	0	1383	171	364	51	37	0.13	6.00	77
CO3378	CO3377	3.39	34 1-	4ACSR	0	0	1350	170	344	48	35	0.13	6.12	73
CO3157	CO3378	3.43	1 1-	4ACSR	0	0	1328	170	15	2	1	0.00	6.13	0
CO3053	CO3378	3.45	33 1-	4ACSR	0	0	1317	169	329	46	33	0.12	6.24	64
CO3383	CO3053	3.54	3 1-	4ACSR	0	0	1265	168	48	6	5	0.02	6.26	0
CO3384	CO3383	3.60	1 1-	4ACSR	0	0	1236	168	21	2	2	0.00	6.27	0
CO3381	CO3053	3.47	29 1-	4ACSR	0	0	1307	169	267	37	27	0.03	6.28	15
OC-439617926	CO3381	3.47	29 1-	20 N FUSE	0	0	1307	169	267	37	190	0.00	6.28	0
CO3382	OC-439617926	3.54	29 1-	4ACSR	0	0	1265	168	267	37	27	0.12	6.40	53
CO3385	CO3382	3.61	26 1-	4ACSR	0	0	1231	168	239	34	24	0.10	6.50	41
CO3386	CO3385	3.68	26 1-	4ACSR	0	0	1193	167	239	34	24	0.11	6.61	42
CO3158	CO3386	3.73	2 1-	4ACSR	0	0	1171	166	37	5	4	0.01	6.62	0
CO3054	CO3386	3.74	21 1-	4ACSR	0	0	1166	166	169	24	17	0.06	6.67	18
CO3160	CO3054	3.79	1 1-	4ACSR	0	0	1145	166	3	0	0	0.00	6.67	0
CO3389	CO3054	3.80	12 1-	4ACSR	0	0	1140	166	80	11	8	0.03	6.70	3
CO3390	CO3389	3.83	10 1-	4ACSR	0	0	1128	165	66	9	7	0.01	6.71	0
CO3161	CO3390	3.88	1 1-	4ACSR	0	0	1103	165	6	0	1	0.00	6.71	0
CO3080	CO3390	3.88	9 1-	4ACSR	0	0	1103	165	60	8	6	0.02	6.74	2
CO3163	CO3080	3.95	3 1-	4ACSR	0	0	1076	164	31	4	3	0.01	6.74	0
CO326011660	CO3163	3.98	1 1-	2ACSR	0	0	1065	164	11	1	1	0.00	6.75	0
CO-802844336	CO326011660	4.04	1 1-	2ACSR	0	0	1047	164	11	1	1	0.00	6.75	0
CO3401	CO3080	3.98	2 1-	4ACSR	0	0	1064	164	5	0	0	0.00	6.74	0
CO3162	CO3401	4.00	1 1-	4ACSR	0	0	1057	164	0	0	0	0.00	6.74	0
CO3402	CO3401	4.01	1 1-	4ACSR	0	0	1050	164	5	0	0	0.00	6.74	0
CO3403	CO3402	4.02	1 1-	4ACSR	0	0	1046	163	5	0	0	0.00	6.74	0
CO3404	CO3403	4.06	1 1-	4ACSR	0	0	1031	163	5	0	0	0.00	6.74	0
CO3399	CO3080	3.98	4 1-	4ACSR	0	0	1064	164	24	3	2	0.01	6.75	0
CO3400	CO3399	4.03	3 1-	4ACSR	0	0	1045	163	24	3	2	0.01	6.76	0
CO8244	CO3400	4.07	2 1-	4/0ACSR	0	0	1036	163	12	1	1	0.00	6.76	0
CO3387	CO3054	3.80	7 1-	4ACSR	0	0	1140	166	86	12	9	0.03	6.71	5
CO3388	CO3387	3.85	7 1-	4ACSR	0	0	1115	165	86	12	9	0.03	6.74	5
CO3393	CO3388	3.91	6 1-	4ACSR	0	0	1091	165	70	9	7	0.02	6.76	2
CO3397	CO3393	3.92	1 1-	4ACSR	0	0	1087	164	9	1	1	0.00	6.76	0
CO3398	CO3397	3.94	1 1-	4ACSR	0	0	1080	164	9	1	1	0.00	6.76	0
CO3394	CO3393	3.94	2 1-	4ACSR	0	0	1080	164	28	4	3	0.01	6.77	0
CO3395	CO3394	3.98	2 1-	4ACSR	0	0	1064	164	28	4	3	0.01	6.77	0
CO3396	CO3395	4.00	1 1-	4ACSR	0	0	1057	164	13	1	1	0.00	6.77	0
CO3159	CO3393	3.95	1 1-	4/0ACSR	0	0	1083	164	14	1	1	0.00	6.76	0
CO3391	CO3388	3.89	1 1-	4/0ACSR	0	0	1107	165	16	2	1	0.00	6.74	0
CO3392	CO3391	3.93	1 1-	4/0ACSR	0	0	1099	165	16	2	1	0.00	6.74	0
CO3372	CO3333	3.18	3 1-	4/0ACSR	0	0	1454	171	7	0	0	0.00	5.77	0
CO3373	CO3372	3.22	2 1-	4/0ACSR	0	0	1439	171	2	0	0	0.00	5.77	0
CO3329	CO3799	3.02	38 1-	4/0ACSR	0	0	1518	172	244	34	10	0.01	5.67	3
CO3330	CO3329	3.07	37 1-	4/0ACSR	0	0	1499	172	236	33	10	0.02	5.69	6
CO3334	CO3330	3.08	33 1-	4/0ACSR	0	0	1492	172	223	31	9	0.01	5.70	2
CO3206	CO3334	3.11	1 1-	2ACSR	0	0	1478	171	10	1	1	0.00	5.70	0
CO3335	CO3334	3.15	32 1-	4/0ACSR	0	0	1465	171	213	30	9	0.03	5.73	7
CO3336	CO3335	3.18	26 1-	4/0ACSR	0	0	1456	171	184	26	8	0.01	5.73	0
CO3338	CO3336	3.21	24 1-	4/0ACSR	0	0	1444	171	173	24	7	0.01	5.74	2
CO3337	CO3338	3.23	22 1-	4/0ACSR	0	0	1434	171	158	22	7	0.01	5.75	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3361	CO3337	3.28	18 1-	4ACSR	0	0	1408	171	131	18	13	0.03	5.78	7
OC1029812872	CO3361	3.28	17 1-	20 N FUSE	0	0	1408	171	128	18	91	0.00	5.78	0
CO3362	OC1029812872	3.31	17 1-	4ACSR	0	0	1388	170	128	18	13	0.03	5.81	6
CO3366	CO3362	3.32	5 1-	4ACSR	0	0	1381	170	52	7	5	0.00	5.82	0
CO3370	CO3366	3.34	5 1-	4ACSR	0	0	1369	170	52	7	5	0.01	5.82	0
CO3371	CO3370	3.40	2 1-	4ACSR	0	0	1336	170	34	4	3	0.01	5.83	0
CO3367	CO3370	3.39	2 1-	4ACSR	0	0	1341	170	15	2	1	0.00	5.83	0
CO3368	CO3367	3.42	2 1-	4ACSR	0	0	1320	169	15	2	1	0.00	5.83	0
CO3369	CO3368	3.48	1 1-	4ACSR	0	0	1288	169	10	1	1	0.00	5.83	0
CO3363	CO3362	3.36	12 1-	4/0ACSR	0	0	1369	170	75	10	3	0.01	5.82	0
CO3364	CO3363	3.41	8 1-	4/0ACSR	0	0	1353	170	50	7	2	0.00	5.82	0
CO3155	CO3364	3.47	2 1-	4/0ACSR	0	0	1335	170	17	2	1	0.00	5.82	0
CO3365	CO3364	3.49	1 1-	4/0ACSR	0	0	1329	170	13	1	1	0.00	5.82	0
CO3350	CO3337	3.26	0 1-	4/0ACSR	0	0	1423	171	0	0	0	0.00	5.75	0
CO3349	CO3350	3.29	0 1-	4/0ACSR	0	0	1413	171	0	0	0	0.00	5.75	0
CO-214798512	CO3329	3.04	1 1-	2ACSR	0	0	1503	172	8	1	1	0.00	5.67	0
CO3309	CO3316	2.58	21 1-	1/0PRIURD	0	0	1726	427	46	6	4	0.00	5.32	0
OC2078973624	CO3309	2.58	18 1-	20 N FUSE	0	0	1726	427	38	5	27	0.00	5.32	0
CO3310	OC2078973624	2.61	18 1-	1/0PRIURD	0	0	1708	425	38	5	4	0.00	5.33	0
CO3791	CO3310	2.65	14 1-	1/0PRIURD	0	0	1690	424	32	4	3	0.00	5.33	0
CO3792	CO3791	2.67	4 1-	1/0PRIURD	0	0	1682	423	11	1	1	0.00	5.33	0
CO3311	CO3791	2.69	10 1-	1/0PRIURD	0	0	1664	422	20	2	2	0.00	5.33	0
CO3312	CO3311	2.72	6 1-	1/0PRIURD	0	0	1647	421	11	1	1	0.00	5.33	0
CO3313	CO3312	2.76	4 1-	1/0PRIURD	0	0	1625	420	8	1	1	0.00	5.33	0
CO3251	CO3030	2.32	2 1-	4/0ACSR	0	0	1879	174	2	0	0	0.00	4.95	0
OC-992633249	CO3251	2.32	1 1-	20 N FUSE	0	0	1879	174	2	0	1	0.00	4.95	0
CO3252	OC-992633249	2.38	1 1-	4/0ACSR	0	0	1841	174	2	0	0	0.00	4.95	0
CO3247	CO8201	2.18	23 3-	4ACSR	2517	2340	1958	174	141	6	5	0.01	4.81	0
OC-441713301	CO3247	2.18	17 3-	20 N FUSE	2517	2340	1958	174	115	5	27	0.00	4.81	0
CO3248	OC-441713301	2.21	17 3-	4ACSR	2475	2304	1923	174	115	5	4	0.01	4.82	0
CO3249	CO3248	2.25	16 3-	4ACSR	2420	2258	1877	173	100	4	3	0.01	4.82	0
CO3250	CO3249	2.27	13 3-	4ACSR	2395	2237	1856	173	80	3	3	0.00	4.83	0
CO8199	CO3250	2.30	9 3-	2ACSR	2363	2209	1829	173	54	2	1	0.00	4.83	0
CO1002	CO8199	2.37	7 1-	4/0ACSR	0	0	1788	173	34	4	1	0.00	4.83	0
CO1003	CO1002	2.41	4 1-	4/0ACSR	0	0	1768	173	13	1	1	0.00	4.83	0
CO8198	CO3250	2.34	4 1-	4/0ACSR	0	0	1813	173	25	3	1	0.00	4.83	0
CO833	CO1005	1.84	209 3-	1/0ACSR	2806	2609	2221	175	1515	70	31	0.12	4.35	272
CO993	CO833	1.86	3 1-	4ACSR	0	0	2197	175	28	3	3	0.00	4.35	0
OC1234946937	CO993	1.86	2 1-	20 N FUSE	0	0	2197	175	22	3	15	0.00	4.35	0
CO994	OC1234946937	1.89	2 1-	4ACSR	0	0	2153	174	22	3	2	0.00	4.36	0
CO991	CO833	1.96	206 3-	1/0ACSR	2676	2490	2104	174	1485	69	30	0.14	4.49	312
CO992	CO991	2.00	204 3-	1/0ACSR	2632	2449	2064	174	1477	69	30	0.05	4.54	112
CO873	CO992	2.07	2 1-	4ACSR	0	0	1968	173	3	0	0	0.00	4.54	0
OC-563527930	CO873	2.07	0 1-	20 N FUSE	0	0	1968	173	0	0	0	0.00	4.54	0
CO872	CO992	2.06	2 1-	4ACSR	0	0	1980	173	21	2	2	0.00	4.54	0
OC847604440	CO872	2.06	0 1-	20 N FUSE	0	0	1980	173	0	0	0	0.00	4.54	0
CO988	CO992	2.05	199 3-	1/0ACSR	2575	2397	2013	174	1450	67	30	0.06	4.60	143
CO989	CO988	2.08	197 3-	1/0ACSR	2549	2373	1990	174	1433	67	29	0.03	4.63	67
CO990	CO989	2.12	196 3-	1/0ACSR	2506	2334	1953	174	1432	67	29	0.05	4.68	110
CO874	CO990	2.15	2 1-	4ACSR	0	0	1914	173	14	2	1	0.00	4.68	0
OC-1578731119	CO874	2.15	0 1-	20 N FUSE	0	0	1914	173	0	0	0	0.00	4.68	0
CO1163	CO990	2.13	194 3-	1/0ACSR	2500	2328	1948	174	1417	66	29	0.01	4.69	17

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1164	CO1163	2.17	194 3-	1/0ACSR	2460	2291	1913	173	1417	66	29	0.05	4.74	106
CO876	CO1164	2.20	2 1-	4ACSR	0	0	1882	173	4	0	0	0.00	4.74	0
OC-1050193542	CO876	2.20	0 1-	20 N FUSE	0	0	1882	173	0	0	0	0.00	4.74	0
CO986	CO1164	2.22	1 1-	4ACSR	0	0	1860	173	0	0	0	0.00	4.74	0
OC1918718913	CO986	2.22	1 1-	20 N FUSE	0	0	1860	173	0	0	0	0.00	4.74	0
CO987	OC1918718913	2.23	1 1-	4ACSR	0	0	1845	173	0	0	0	0.00	4.74	0
CO984	CO1164	2.21	191 3-	1/0ACSR	2421	2256	1879	173	1413	66	29	0.05	4.79	103
CO985	CO984	2.31	190 3-	1/0ACSR	2337	2179	1807	173	1412	66	29	0.11	4.90	239
OC40	CO985	2.31	190 3-	100 L OCR	2337	2179	1807	173	1411	66	66	0.00	4.90	0
CO983	OC40	2.39	190 3-	1/0ACSR	2267	2115	1747	172	1411	66	29	0.10	4.99	207
CO836	CO983	2.46	158 3-	1/0ACSR	2214	2066	1702	172	1128	52	23	0.06	5.05	107
CO877	CO836	2.51	2 1-	4ACSR	0	0	1650	171	3	0	0	0.00	5.05	0
OC-894741001	CO877	2.51	0 1-	20 N FUSE	0	0	1650	171	0	0	0	0.00	5.05	0
CO963	CO836	2.50	155 3-	1/0ACSR	2178	2033	1672	172	1124	52	23	0.04	5.10	73
CO964	CO963	2.52	152 3-	1/0ACSR	2165	2022	1661	172	1102	51	23	0.02	5.11	26
CO965	CO964	2.55	152 3-	1/0ACSR	2142	2001	1642	171	1102	51	23	0.03	5.14	47
CO960	CO965	2.60	151 3-	1/0ACSR	2106	1967	1612	171	1087	51	22	0.04	5.18	75
CO961	CO960	2.66	151 3-	1/0ACSR	2062	1927	1575	171	1086	51	22	0.06	5.24	94
CO962	CO961	2.71	151 3-	1/0ACSR	2030	1897	1548	171	1086	51	22	0.04	5.28	71
CO837	CO962	2.75	142 3-	1/0ACSR	2007	1876	1529	171	997	46	20	0.03	5.31	44
CO949	CO837	2.80	6 1-	1/0PRIURD	0	0	1504	409	66	9	6	0.01	5.32	0
OC801853857	CO949	2.80	4 1-	20 N FUSE	0	0	1504	409	42	5	29	0.00	5.32	0
CO950	OC801853857	2.89	4 1-	1/0PRIURD	0	0	1460	406	42	5	4	0.01	5.33	0
CO1153	CO950	2.98	2 1-	1/0PRIURD	0	0	1420	403	18	2	2	0.00	5.33	0
CO886	CO1153	3.12	2 1-	1/0PRIURD	0	0	1361	399	18	2	2	0.00	5.34	0
CO1154	CO1153	3.02	0 1-	1/0PRIURD	0	0	1405	402	0	0	0	0.00	5.33	0
CO947	CO837	2.78	136 3-	1/0ACSR	1983	1854	1509	170	931	43	19	0.03	5.34	41
CO948	CO947	2.83	134 3-	1/0ACSR	1954	1828	1486	170	922	43	19	0.03	5.37	50
CO945	CO948	2.92	3 1-	4ACSR	0	0	1419	169	30	4	3	0.02	5.39	0
OC1996828749	CO945	2.92	3 1-	20 N FUSE	0	0	1419	169	30	4	21	0.00	5.39	0
CO946	OC1996828749	2.96	1 1-	4ACSR	0	0	1394	169	12	1	1	0.00	5.39	0
CO906	OC1996828749	2.98	2 1-	2ACSR	0	0	1389	169	18	2	1	0.00	5.40	0
CO942	CO948	2.86	131 3-	1/0ACSR	1934	1809	1469	170	891	42	18	0.02	5.40	32
CO943	CO942	2.94	129 3-	1/0ACSR	1885	1765	1430	170	870	41	18	0.06	5.46	80
CO944	CO943	2.99	129 3-	1/0ACSR	1857	1739	1407	169	870	41	18	0.04	5.49	48
CO838	CO944	3.08	126 3-	1/0ACSR	1810	1696	1369	169	856	40	18	0.06	5.55	79
CO938	CO838	3.18	4 1-	4ACSR	0	0	1306	168	13	1	1	0.01	5.56	0
OC-1194402706	CO938	3.18	4 1-	20 N FUSE	0	0	1306	168	13	1	9	0.00	5.56	0
CO939	OC-1194402706	3.29	4 1-	4ACSR	0	0	1247	167	13	1	1	0.01	5.57	0
CO937	CO939	3.44	2 1-	4ACSR	0	0	1170	165	7	0	1	0.01	5.57	0
CO936	CO937	3.51	1 1-	4ACSR	0	0	1136	165	6	0	1	0.00	5.58	0
CO932	CO838	3.20	16 1-	4ACSR	0	0	1298	168	122	17	12	0.09	5.65	19
OC-1643265060	CO932	3.20	15 1-	20 N FUSE	0	0	1298	168	122	17	86	0.00	5.65	0
CO933	OC-1643265060	3.23	15 1-	4ACSR	0	0	1282	167	122	17	12	0.02	5.67	4
CO934	CO933	3.27	13 1-	4ACSR	0	0	1259	167	111	15	11	0.03	5.70	5
CO935	CO934	3.31	12 1-	4ACSR	0	0	1237	167	111	15	11	0.03	5.72	5
CO3784	CO935	3.32	12 1-	4ACSR	0	0	1232	166	111	15	11	0.01	5.73	0
CO3126	CO3784	3.37	1 1-	4ACSR	0	0	1202	166	9	1	1	0.00	5.73	0
CO3785	CO3784	3.38	11 1-	4ACSR	0	0	1198	166	102	14	10	0.04	5.77	6
CO3786	CO3785	3.44	9 1-	2ACSR	0	0	1175	165	79	11	6	0.02	5.79	0
CO3787	CO3786	3.52	7 1-	2ACSR	0	0	1147	165	59	8	5	0.02	5.81	0
CO3788	CO3787	3.63	7 1-	2ACSR	0	0	1106	164	59	8	5	0.02	5.83	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3789	CO3788	3.72	4 1-	2ACSR	0	0	1074	164	39	5	3	0.01	5.84	0
CO3790	CO3789	3.82	1 1-	2ACSR	0	0	1044	163	5	0	0	0.00	5.84	0
CO911	CO933	3.26	1 1-	2ACSR	0	0	1265	167	4	0	0	0.00	5.67	0
CO929	CO838	3.12	105 3-	1/0ACSR	1787	1674	1350	169	711	33	15	0.03	5.58	29
CO930	CO929	3.16	104 3-	1/0ACSR	1768	1657	1335	169	709	33	15	0.02	5.60	24
CO931	CO930	3.18	103 3-	1/0ACSR	1757	1647	1326	168	709	33	15	0.01	5.61	13
CO928	CO931	3.19	103 3-	1/0ACSR	1751	1641	1321	168	708	33	15	0.01	5.62	8
CO924	CO928	3.27	65 1-	2ACSR	0	0	1284	168	469	66	37	0.17	5.79	123
OC-54127769	CO924	3.27	65 1-	20 N FUSE	0	0	1284	168	468	66	332	0.00	5.79	0
CO925	OC-54127769	3.39	65 1-	2ACSR	0	0	1235	167	468	66	37	0.24	6.02	175
CO927	CO925	3.40	1 1-	4ACSR	0	0	1230	167	6	0	1	0.00	6.02	0
CO8200	CO927	3.46	1 1-	4ACSR	0	0	1199	166	6	0	1	0.00	6.02	0
CO3783	CO8200	3.47	1 1-	4ACSR	0	0	1193	166	6	0	1	0.00	6.02	0
CO926	CO925	3.40	63 1-	2ACSR	0	0	1228	167	460	65	36	0.03	6.05	25
CO8229	CO926	3.45	63 1-	2ACSR	0	0	1208	167	460	65	36	0.10	6.15	73
CO3780	CO8229	3.50	63 1-	2ACSR	0	0	1190	166	460	65	36	0.10	6.25	70
CO3127	CO3780	3.56	1 1-	4ACSR	0	0	1160	166	2	0	0	0.00	6.25	0
CO3781	CO3780	3.64	62 1-	2ACSR	0	0	1136	165	457	65	36	0.29	6.54	211
CO3782	CO3781	3.72	62 1-	2ACSR	0	0	1106	165	457	65	36	0.18	6.72	131
CO3028	CO3782	3.78	59 1-	2ACSR	0	0	1086	164	444	63	35	0.11	6.83	81
CO3776	CO3028	3.85	57 1-	2ACSR	0	0	1065	164	442	63	35	0.13	6.96	94
CO3777	CO3776	3.87	57 1-	2ACSR	0	0	1057	164	442	63	35	0.05	7.02	36
CO3129	CO3777	3.89	2 1-	4ACSR	0	0	1048	163	13	1	1	0.00	7.02	0
CO3841	CO3777	3.92	40 1-	2ACSR	0	0	1042	163	327	46	26	0.07	7.08	36
CO3029	CO3841	3.96	36 1-	2ACSR	0	0	1031	163	288	41	23	0.05	7.13	22
CO3131	CO3029	3.99	0 1-	4ACSR	0	0	1019	163	0	0	0	0.00	7.13	0
CO3833	CO3029	4.02	36 1-	2ACSR	0	0	1011	163	288	41	23	0.09	7.22	40
CO3751	CO3833	4.08	12 1-	4ACSR	0	0	991	162	118	16	12	0.04	7.26	8
CO3220	CO3751	4.10	1 1-	2ACSR	0	0	985	162	9	1	1	0.00	7.26	0
CO3752	CO3751	4.16	11 1-	4ACSR	0	0	964	161	109	15	11	0.06	7.32	11
CO3759	CO3752	4.18	7 1-	4ACSR	0	0	957	161	82	11	8	0.01	7.33	0
CO3758	CO3759	4.22	7 1-	4ACSR	0	0	943	161	82	11	8	0.02	7.35	3
CO3757	CO3758	4.26	6 1-	4ACSR	0	0	930	160	75	10	8	0.02	7.37	0
CO3756	CO3757	4.31	5 1-	4ACSR	0	0	916	160	62	8	6	0.01	7.38	0
CO3755	CO3756	4.38	3 1-	4ACSR	0	0	894	159	36	5	4	0.01	7.40	0
CO4799	CO3755	4.41	2 1-	2ACSR	0	0	886	159	21	3	2	0.00	7.40	0
CO3753	CO3752	4.19	4 1-	4ACSR	0	0	953	161	27	3	3	0.01	7.32	0
CO3754	CO3753	4.23	4 1-	4ACSR	0	0	939	161	27	3	3	0.01	7.33	0
CO3760	CO3754	4.29	3 1-	4ACSR	0	0	922	160	18	2	2	0.01	7.34	0
CO3211	CO3760	4.31	1 1-	2ACSR	0	0	916	160	9	1	1	0.00	7.34	0
CO3761	CO3760	4.33	2 1-	4ACSR	0	0	908	160	9	1	1	0.00	7.34	0
CO8266	CO3761	4.40	1 1-	4ACSR	0	0	887	159	0	0	0	0.00	7.34	0
CO3744	CO3833	4.08	7 1-	4ACSR	0	0	990	162	62	8	6	0.02	7.24	2
CO3745	CO3744	4.11	6 1-	4ACSR	0	0	981	162	59	8	6	0.01	7.25	0
CO3213	CO3745	4.13	1 1-	2ACSR	0	0	974	162	11	1	1	0.00	7.25	0
CO3746	CO3745	4.14	3 1-	4ACSR	0	0	971	162	34	4	4	0.01	7.26	0
CO3747	CO3746	4.21	3 1-	4ACSR	0	0	947	161	34	4	4	0.01	7.27	0
CO3748	CO3747	4.28	2 1-	4ACSR	0	0	925	160	24	3	2	0.01	7.28	0
CO3749	CO3748	4.33	2 1-	4ACSR	0	0	908	160	24	3	2	0.01	7.29	0
CO3750	CO3749	4.41	1 1-	4ACSR	0	0	885	159	12	1	1	0.00	7.29	0
CO3737	CO3833	4.08	16 1-	2ACSR	0	0	995	162	106	15	8	0.03	7.24	5
CO3736	CO3737	4.11	16 1-	2ACSR	0	0	987	162	106	15	8	0.01	7.26	2

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3078	CO3736	4.18	7 1-	2ACSR	0	0	967	162	44	6	4	0.01	7.27	0
CO3212	CO3078	4.21	1 1-	4ACSR	0	0	956	161	3	0	0	0.00	7.27	0
CO3132	CO3078	4.23	1 1-	4ACSR	0	0	952	161	7	0	1	0.00	7.27	0
CO-1076577375	CO3078	4.23	4 1-	2ACSR	0	0	954	161	21	2	2	0.00	7.28	0
CO-1477105509	CO-1076577375	4.27	3 1-	2ACSR	0	0	945	161	13	1	1	0.00	7.28	0
CO3133	CO-1477105509	4.31	1 1-	4ACSR	0	0	932	161	5	0	1	0.00	7.28	0
CO8389	CO-1477105509	4.30	2 1-	2ACSR	0	0	935	161	8	1	1	0.00	7.28	0
CO8388	CO8389	4.31	0 1-	2ACSR	0	0	934	161	0	0	0	0.00	7.28	0
SW112-A	CO8388	4.31	0 1-	Open	0	0	934	161	0	0	0	0.00	7.28	0
CO1292169009	CO-1076577375	4.33	1 1-	2ACSR	0	0	929	161	8	1	1	0.00	7.28	0
CO3742	CO3736	4.14	1 1-	2ACSR	0	0	979	162	2	0	0	0.00	7.26	0
CO3743	CO3742	4.15	1 1-	2ACSR	0	0	975	162	2	0	0	0.00	7.26	0
CO3741	CO3736	4.17	6 1-	4ACSR	0	0	967	162	46	6	5	0.02	7.28	0
CO3740	CO3741	4.20	6 1-	4ACSR	0	0	954	161	46	6	5	0.01	7.29	0
CO3739	CO3740	4.25	5 1-	4ACSR	0	0	940	161	46	6	5	0.01	7.30	0
CO3738	CO3739	4.29	3 1-	4ACSR	0	0	926	160	33	4	3	0.01	7.30	0
CO4798	CO3738	4.31	1 1-	2ACSR	0	0	922	160	12	1	1	0.00	7.31	0
CO3762	CO3841	3.97	4 1-	2ACSR	0	0	1026	163	39	5	3	0.01	7.09	0
CO3842	CO3762	4.01	2 1-	2ACSR	0	0	1015	163	22	3	2	0.00	7.09	0
CO3765	CO3777	3.95	14 1-	4ACSR	0	0	1028	163	90	12	9	0.04	7.05	5
CO3766	CO3765	4.01	10 1-	4ACSR	0	0	1004	162	63	8	6	0.02	7.08	2
CO3130	CO3766	4.04	0 1-	4ACSR	0	0	993	162	0	0	0	0.00	7.08	0
CO3773	CO3766	4.03	2 1-	4ACSR	0	0	997	162	11	1	1	0.00	7.08	0
CO3774	CO3773	4.09	1 1-	4ACSR	0	0	977	162	11	1	1	0.00	7.08	0
CO3775	CO3774	4.13	1 1-	4ACSR	0	0	964	161	11	1	1	0.00	7.08	0
CO3767	CO3766	4.03	7 1-	4ACSR	0	0	996	162	40	5	4	0.00	7.08	0
CO3771	CO3767	4.06	2 1-	4ACSR	0	0	986	162	18	2	2	0.00	7.08	0
CO3772	CO3771	4.12	1 1-	4ACSR	0	0	966	161	9	1	1	0.00	7.09	0
CO3768	CO3767	4.08	2 1-	4ACSR	0	0	979	162	4	0	0	0.00	7.08	0
CO3769	CO3768	4.10	2 1-	4ACSR	0	0	973	161	4	0	0	0.00	7.08	0
CO3770	CO3769	4.13	0 1-	4ACSR	0	0	962	161	0	0	0	0.00	7.08	0
CO3763	CO3777	3.92	1 1-	2ACSR	0	0	1041	163	12	1	1	0.00	7.02	0
CO3764	CO3763	3.96	1 1-	2ACSR	0	0	1029	163	12	1	1	0.00	7.02	0
CO3778	CO3782	3.82	3 1-	4ACSR	0	0	1067	164	12	1	1	0.01	6.73	0
CO3843	CO3778	3.86	2 1-	4ACSR	0	0	1048	163	12	1	1	0.00	6.73	0
CO3128	CO3843	3.92	1 1-	4ACSR	0	0	1026	163	5	0	1	0.00	6.73	0
CO3779	CO3843	3.94	1 1-	4ACSR	0	0	1019	163	7	1	1	0.00	6.73	0
CO919	CO928	3.23	35 1-	6ACWC	0	0	1300	168	220	31	22	0.05	5.67	18
OC179964711	CO919	3.23	31 1-	20 N FUSE	0	0	1300	168	204	28	145	0.00	5.67	0
CO920	OC179964711	3.27	31 1-	6ACWC	0	0	1276	168	204	28	21	0.05	5.72	18
CO1157	CO920	3.29	24 1-	6ACWC	0	0	1267	167	155	21	16	0.02	5.74	4
CO1158	CO1157	3.39	24 1-	6ACWC	0	0	1217	166	155	21	16	0.09	5.83	24
OC888307284	CO1158	3.39	24 1-	35 L OCR	0	0	1217	166	155	21	63	0.00	5.83	0
CO917	OC888307284	3.50	24 1-	6ACWC	0	0	1161	165	155	21	16	0.11	5.94	28
CO918	CO917	3.59	23 1-	6ACWC	0	0	1118	164	144	20	15	0.09	6.03	21
CO883	CO918	3.66	0 1-	4ACSR	0	0	1089	164	0	0	0	0.00	6.03	0
CO839	CO918	3.70	23 1-	6ACWC	0	0	1073	163	144	20	15	0.10	6.13	23
CO915	CO839	3.73	23 1-	6ACWC	0	0	1061	163	144	20	15	0.03	6.16	7
CO916	CO915	3.79	23 1-	6ACWC	0	0	1039	162	144	20	15	0.05	6.21	13
CO8284	CO916	3.92	23 1-	6ACWC	0	0	989	161	144	20	15	0.12	6.33	30
CO17302	CO8284	3.93	19 1-	6ACWC	0	0	987	161	118	16	12	0.01	6.34	0
CO17303	CO17302	3.95	19 1-	6ACWC	0	0	978	161	118	16	12	0.02	6.35	4

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4177	CO17303	4.17	18 1-	6ACWC	0	0	906	159	118	16	12	0.17	6.52	33
CO4178	CO4177	4.27	18 1-	6ACWC	0	0	877	158	118	16	12	0.07	6.60	15
CO4135	CO4178	4.34	1 1-	4ACSR	0	0	857	157	0	0	0	0.00	6.60	0
CO8285	CO4178	4.40	1 1-	4ACSR	0	0	843	157	14	2	1	0.01	6.61	0
CO4986	CO8285	4.46	1 1-	4ACSR	0	0	827	156	14	2	1	0.00	6.61	0
CO4987	CO4986	4.78	0 1-	4ACSR	0	0	751	153	0	0	0	0.00	6.61	0
CO4179	CO4178	4.38	16 1-	6ACWC	0	0	848	157	103	14	11	0.07	6.67	12
CO4180	CO4179	4.60	15 1-	6ACWC	0	0	792	155	101	14	10	0.15	6.81	25
CO4181	CO4180	4.63	15 1-	6ACWC	0	0	785	155	101	14	10	0.02	6.83	3
CO8289	CO4181	4.75	2 1-	4ACSR	0	0	760	154	17	2	2	0.01	6.84	0
CO8286	CO4181	4.78	6 1-	6ACWC	0	0	753	153	37	5	4	0.03	6.86	0
CO4980	CO8286	4.88	6 1-	6ACWC	0	0	732	153	37	5	4	0.02	6.89	0
CO4981	CO4980	5.03	5 1-	6ACWC	0	0	703	151	30	4	3	0.03	6.91	0
OC-1552684567	CO4981	5.03	4 1-	20 N FUSE	0	0	703	151	27	3	19	0.00	6.91	0
CO4982	OC-1552684567	5.08	4 1-	6ACWC	0	0	692	151	27	3	3	0.01	6.92	0
CO4983	CO4982	5.24	4 1-	6ACWC	0	0	665	150	27	3	3	0.03	6.95	0
CO4984	CO4983	5.32	2 1-	6ACWC	0	0	652	149	15	2	1	0.01	6.96	0
CO4985	CO4984	5.39	1 1-	6ACWC	0	0	641	148	14	1	1	0.00	6.96	0
CO4790	CO4984	5.37	1 1-	6ACWC	0	0	643	148	1	0	0	0.00	6.96	0
CO4791	CO4983	5.33	1 1-	6ACWC	0	0	650	149	13	1	1	0.00	6.95	0
CO4750	CO4983	5.68	0 1-	6ACWC	0	0	599	146	0	0	0	0.00	6.95	0
CO4785	CO4980	4.97	0 1-	4ACSR	0	0	713	152	0	0	0	0.00	6.89	0
CO4183	CO4181	4.68	3 1-	4ACSR	0	0	773	154	15	2	2	0.00	6.83	0
CO4184	CO4183	4.70	2 1-	2ACSR	0	0	771	154	3	0	0	0.00	6.83	0
CO1030259466	CO4184	4.70	1 1-	2ACSR	0	0	770	154	0	0	0	0.00	6.83	0
CO4185	CO1030259466	4.74	1 1-	4ACSR	0	0	763	154	0	0	0	0.00	6.83	0
CO4186	CO4185	5.08	0 1-	4ACSR	0	0	694	151	0	0	0	0.00	6.83	0
CO903666251	CO4184	4.74	0 1-	1/0PRIURD	0	0	765	322	0	0	0	0.00	6.83	0
CO4182	CO4181	4.71	3 1-	4ACSR	0	0	768	154	25	3	3	0.01	6.84	0
CO8293	CO4182	4.72	2 1-	4ACSR	0	0	765	154	22	3	2	0.00	6.84	0
CO4979	CO8293	4.74	1 1-	4ACSR	0	0	760	154	13	1	1	0.00	6.84	0
CO4794	CO8293	4.76	1 1-	4ACSR	0	0	756	154	9	1	1	0.00	6.84	0
CO4175	CO8284	3.94	3 1-	4ACSR	0	0	982	161	23	3	2	0.00	6.33	0
CO4176	CO4175	4.03	1 1-	4ACSR	0	0	952	160	13	1	1	0.00	6.34	0
CO4159	CO8284	4.07	1 1-	4ACSR	0	0	937	160	2	0	0	0.00	6.33	0
CO921	CO920	3.32	6 1-	4ACSR	0	0	1249	167	38	5	4	0.01	5.74	0
CO922	CO921	3.37	3 1-	4ACSR	0	0	1223	167	32	4	3	0.01	5.75	0
CO882	CO922	3.41	2 1-	4ACSR	0	0	1206	166	19	2	2	0.00	5.75	0
CO907	CO882	3.46	1 1-	2ACSR	0	0	1183	166	1	0	0	0.00	5.75	0
CO881	CO922	3.40	0 1-	4ACSR	0	0	1206	166	0	0	0	0.00	5.75	0
CO923	CO922	3.41	1 1-	4ACSR	0	0	1206	166	13	1	1	0.00	5.75	0
CO910	CO920	3.33	1 1-	2ACSR	0	0	1250	167	11	1	1	0.00	5.73	0
CO940	CO944	3.08	2 1-	4ACSR	0	0	1351	168	13	1	1	0.01	5.50	0
OC-972475474	CO940	3.08	2 1-	20 N FUSE	0	0	1351	168	13	1	9	0.00	5.50	0
CO880	OC-972475474	3.14	1 1-	4ACSR	0	0	1316	168	2	0	0	0.00	5.50	0
CO941	OC-972475474	3.13	1 1-	4ACSR	0	0	1323	168	11	1	1	0.00	5.50	0
CO951	CO962	2.74	8 1-	6ACWC	0	0	1525	170	74	10	7	0.01	5.30	0
OC-2019056091	CO951	2.74	8 1-	20 N FUSE	0	0	1525	170	74	10	52	0.00	5.30	0
CO952	OC-2019056091	2.78	7 1-	6ACWC	0	0	1500	170	66	9	7	0.01	5.31	0
CO953	CO952	2.86	6 1-	6ACWC	0	0	1437	169	65	9	7	0.04	5.35	4
CO956	CO953	3.00	3 1-	6ACWC	0	0	1348	168	28	3	3	0.02	5.37	0
CO958	CO956	3.06	1 1-	2ACSR	0	0	1317	167	16	2	1	0.00	5.38	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
CO959	CO958	3.14	1 1-	2ACSR	0	0	1279	167	16	2	1	0.00	5.38	0	
CO957	CO956	3.14	2 1-	6ACWC	0	0	1264	166	12	1	1	0.01	5.38	0	
CO879	CO957	3.18	1 1-	4ACSR	0	0	1243	166	5	0	1	0.00	5.38	0	
CO878	CO957	3.28	1 1-	4ACSR	0	0	1188	165	7	0	1	0.00	5.38	0	
CO954	CO953	2.89	3 1-	4ACSR	0	0	1415	169	37	5	4	0.01	5.35	0	
CO955	CO954	2.93	2 1-	4ACSR	0	0	1391	168	23	3	2	0.00	5.36	0	
CO913	CO954	2.94	0 1-	2ACSR	0	0	1389	168	0	0	0	0.00	5.35	0	
CO912	OC-2019056091	2.79	1 1-	2ACSR	0	0	1494	170	8	1	1	0.00	5.30	0	
CO966	CO983	2.54	30 1-	6ACWC	0	0	1612	171	256	36	26	0.24	5.23	100	
OC-985156300	CO966	2.54	29 1-	20 N FUSE	0	0	1612	171	252	35	178	0.00	5.23	0	
CO967	OC-985156300	2.57	29 1-	6ACWC	0	0	1580	170	252	35	25	0.06	5.29	25	
CO835	CO967	2.61	14 1-	6ACWC	0	0	1549	170	122	17	12	0.03	5.32	6	
OC2016220506	CO835	2.61	13 1-	20 N FUSE	0	0	1549	170	115	16	81	0.00	5.32	0	
CO976	OC2016220506	2.88	5 1-	6ACWC	0	0	1356	167	57	8	6	0.08	5.40	7	
CO977	CO976	2.90	3 1-	6ACWC	0	0	1343	167	39	5	4	0.01	5.40	0	
CO978	CO977	2.99	3 1-	6ACWC	0	0	1285	166	39	5	4	0.02	5.43	0	
CO981	CO978	3.09	2 1-	4ACSR	0	0	1231	165	23	3	2	0.01	5.44	0	
CO982	CO981	3.20	1 1-	4ACSR	0	0	1171	164	15	2	2	0.01	5.45	0	
CO979	CO978	3.03	1 1-	4ACSR	0	0	1263	166	15	2	2	0.00	5.43	0	
CO980	CO979	3.07	1 1-	4ACSR	0	0	1241	165	15	2	2	0.00	5.43	0	
CO974	OC2016220506	2.71	8 1-	4ACSR	0	0	1475	169	58	8	6	0.04	5.35	3	
CO1219445961	CO974	2.78	4 1-	2ACSR	0	0	1432	168	34	4	3	0.01	5.36	0	
CO975	CO974	2.76	4 1-	4ACSR	0	0	1433	168	24	3	2	0.00	5.36	0	
CO968	CO967	2.61	15 1-	6ACWC	0	0	1549	170	130	18	13	0.03	5.32	7	
CO969	CO968	2.63	15 1-	6ACWC	0	0	1533	170	130	18	13	0.02	5.34	3	
CO875	CO969	2.71	1 1-	4ACSR	0	0	1474	169	5	0	0	0.00	5.34	0	
CO834	CO969	2.71	13 1-	6ACWC	0	0	1475	169	112	15	11	0.05	5.38	8	
CO971	CO834	2.75	5 1-	4ACSR	0	0	1440	168	51	7	5	0.01	5.39	0	
CO1152	CO971	2.78	2 1-	4ACSR	0	0	1425	168	18	2	2	0.00	5.40	0	
CO970	CO1152	2.83	1 1-	4ACSR	0	0	1386	168	1	0	0	0.00	5.40	0	
CO908	CO1152	2.80	1 1-	2ACSR	0	0	1409	168	17	2	1	0.00	5.40	0	
CO1155	CO834	2.75	6 1-	4ACSR	0	0	1442	168	35	4	4	0.01	5.39	0	
CO1172	CO1155	2.79	0 1-	4ACSR	0	0	1416	168	0	0	0	0.00	5.39	0	
CO1156	CO1155	2.80	4 1-	4ACSR	0	0	1407	168	34	4	3	0.01	5.40	0	
CO972	CO1156	2.86	1 1-	4ACSR	0	0	1367	167	5	0	1	0.00	5.40	0	
CO973	CO972	2.89	0 1-	4ACSR	0	0	1349	167	0	0	0	0.00	5.40	0	
CO909	CO1155	2.79	2 1-	1/0PRIURD	0	0	1427	398	1	0	0	0.00	5.39	0	
400322036	CO685	1.28	1 3-	Consumer	3501	3276	2893	177	302	13	0	0.00	3.19	0	
CO420	CO804	1.15	1 1-	4ACSR	0	0	3031	177	4	0	0	0.00	2.71	0	
OC-944979742	CO420	1.15	0 1-	20 N FUSE	0	0	3031	177	0	0	0	0.00	2.71	0	
CO689	CO804	1.12	4 1-	4ACSR	0	0	3137	177	48	6	5	0.01	2.71	0	
OC31074696	CO689	1.12	3 1-	20 N FUSE	0	0	3137	177	28	3	19	0.00	2.71	0	
CO690	OC31074696	1.12	3 1-	4ACSR	0	0	3114	177	28	3	3	0.00	2.71	0	
CO691	CO690	1.15	2 1-	4ACSR	0	0	3050	177	15	2	1	0.00	2.71	0	
CO389	CO362	0.56	2 3-	2ACSR	4912	4737	4481	178	14	0	0	0.00	0.87	0	
SUB 0 total losses:		\$148,017													

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0 HILLSBORO		1894			10792	11370	11527	359	9423					
CO5633+	HILLSBORO	0.00	1894 3-	750 MCM - 42 Wi	10776	11344	11498	359	9423	212	18	0.00	0.00	8
CO5634+	CO5633	0.01	1894 3-	750 MCM - 42 Wi	10764	11325	11477	359	9423	212	18	0.00	0.00	6
CO5638+	CO5634	0.01	241 3-	750 MCM - 42 Wi	10740	11287	11435	359	1187	26	2	0.00	0.00	0
Ringos+	CO5638	0.01	241 3-	560 200WVE	10740	11287	11435	359	1187	26	5	0.00	0.00	0
CO5581+	Ringos	0.02	241 3-	336ACSR	10696	11213	11358	359	1187	26	5	0.00	0.00	0
CO5579+	CO5581	0.19	241 3-	336ACSR	9848	9922	9954	359	1187	26	5	0.02	0.02	22
CO5580+	CO5579	0.23	238 3-	336ACSR	9665	9664	9669	359	1173	26	5	0.00	0.02	5
CO5505+	CO5580	0.29	232 3-	336ACSR	9428	9385	9308	358	1162	26	5	0.00	0.03	7
CO5506+	CO5505	0.38	223 3-	336ACSR	9068	8966	8777	358	1126	25	5	0.01	0.04	10
CO8308+	CO5506	0.68	3 1-	4ACSR	0	0	6306	351	14	0	1	0.00	0.04	0
CO5651+	CO5506	0.45	219 3-	336ACSR	8777	8632	8362	358	1108	25	5	0.01	0.04	9
CO5652+	CO5651	0.53	217 3-	336ACSR	8500	8319	7980	357	1101	24	5	0.01	0.05	9
CO5537+	CO5652	0.58	2 1-	4ACSR	0	0	7629	356	6	0	0	0.00	0.05	0
CO5649+	CO5652	0.63	214 3-	336ACSR	8183	7965	7555	357	1096	24	5	0.01	0.06	10
CO5650+	CO5649	0.65	212 3-	336ACSR	8107	7881	7456	357	1079	24	5	0.00	0.06	3
CO5507+	CO5650	0.70	210 3-	336ACSR	7970	7729	7278	357	1069	24	5	0.00	0.06	5
CO5646+	CO5507	0.78	4 3-	336ACSR	7729	7466	6972	357	21	0	0	0.00	0.06	0
CO5647+	CO5646	0.86	2 3-	336ACSR	7492	7210	6679	356	12	0	0	0.00	0.06	0
CO-1212848583+	CO5647	0.87	0 3-	2ACSR	7481	7197	6664	356	0	0	0	0.00	0.06	0
CO1575988242+	CO-1212848583	0.87	0 3-	2ACSR	7465	7180	6645	356	0	0	0	0.00	0.06	0
CO5539+	CO5647	1.05	1 1-	4ACSR	0	0	5666	352	0	0	0	0.00	0.06	0
CO5706+	CO5507	0.70	206 3-	2ACSR	7939	7695	7239	357	1048	23	13	0.00	0.07	3
OC160+	CO5706	0.70	206 3-	70 L OCR	7939	7695	7239	357	1048	23	34	0.00	0.07	0
CO5707+	OC160	0.75	206 3-	2ACSR	7704	7435	6943	356	1048	23	13	0.02	0.08	26
CO5545+	CO5707	0.83	0 1-	4ACSR	0	0	6504	354	0	0	0	0.00	0.08	0
CO5670+	CO5707	0.78	206 3-	2ACSR	7611	7332	6828	356	1048	23	13	0.01	0.09	11
CO5671+	CO5670	0.84	206 3-	2ACSR	7343	7038	6507	355	1047	23	13	0.02	0.11	31
CO5648+	CO5671	0.86	206 3-	2ACSR	7237	6922	6383	354	1047	23	13	0.01	0.11	12
CO8310+	CO5648	0.93	201 3-	2ACSR	6967	6629	6074	353	1005	22	13	0.02	0.13	30
CO5201+	CO8310	0.96	200 3-	2ACSR	6820	6470	5911	353	994	22	13	0.01	0.14	17
CO5064+	CO5201	1.03	1 1-	4ACSR	0	0	5592	352	0	0	0	0.00	0.14	0
CO5042+	CO5042	1.03	199 3-	2ACSR	6550	6182	5618	352	994	22	13	0.02	0.16	32
CO5198+	CO5042	1.10	3 1-	4ACSR	0	0	5314	350	26	1	1	0.00	0.17	0
CO5199+	CO5198	1.16	2 1-	4ACSR	0	0	5020	349	12	0	1	0.00	0.17	0
CO-936360901+	CO5199	1.20	1 1-	2ACSR	0	0	4892	348	0	0	0	0.00	0.17	0
CO5200+	CO5199	1.23	1 1-	4ACSR	0	0	4756	348	12	0	1	0.00	0.17	0
CO5043+	CO5042	1.09	195 3-	2ACSR	6329	5974	5386	351	965	21	12	0.02	0.18	25
CO5044+	CO5043	1.20	185 3-	2ACSR	5938	5607	4986	349	921	20	12	0.03	0.21	44
CO5189+	CO5044	1.30	182 3-	2ACSR	5640	5329	4691	348	896	20	11	0.02	0.24	35
XFMR250	CO5189	1.30	181 3-	333 KVA 1PH AUT	1259	1253	1232	177	895	20	88	0.76	0.99	0
CO5190	XFMR250	1.51	181 3-	2ACSR	1215	1204	1167	175	895	40	23	0.23	1.22	323
CO5188	CO5190	1.60	181 3-	2ACSR	1197	1183	1142	174	894	40	23	0.09	1.31	132
CO5045	CO5188	1.64	180 3-	2ACSR	1189	1174	1130	174	880	40	22	0.04	1.35	60
CO5046	CO5045	1.66	164 3-	2ACSR	1184	1168	1123	174	815	37	21	0.02	1.38	31
CO5172	CO5046	1.76	3 1-	4ACSR	0	0	1092	173	12	1	1	0.00	1.38	0
CO5173	CO5172	1.87	1 1-	4ACSR	0	0	1060	172	0	0	0	0.00	1.38	0
CO5174	CO5173	1.93	1 1-	4ACSR	0	0	1040	171	0	0	0	0.00	1.38	0
CO5175	CO5174	2.00	1 1-	4ACSR	0	0	1022	170	0	0	0	0.00	1.38	0
CO5047	CO5046	1.75	159 3-	2ACSR	1168	1150	1100	173	790	35	20	0.07	1.45	94
CO5069	CO5047	1.78	1 1-	4ACSR	0	0	1088	173	10	1	1	0.00	1.45	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5169	CO5047	1.81	2 1-	4ACSR	0	0	1081	173	17	2	2	0.01	1.46	0
CO5170	CO5169	1.84	2 1-	4ACSR	0	0	1071	172	17	2	2	0.00	1.46	0
CO5070	CO5170	1.87	1 1-	4ACSR	0	0	1062	172	7	0	1	0.00	1.46	0
CO5171	CO5170	1.87	1 1-	4ACSR	0	0	1061	172	10	1	1	0.00	1.46	0
CO5167	CO5047	1.81	155 3-	2ACSR	1155	1135	1083	173	755	34	19	0.06	1.51	70
CO5168	CO5167	1.94	155 3-	2ACSR	1130	1106	1049	172	755	34	19	0.11	1.62	136
CO5166	CO5168	1.99	153 3-	2ACSR	1120	1094	1036	171	751	34	19	0.05	1.67	58
CO5048	CO5166	2.08	152 3-	2ACSR	1102	1074	1013	171	740	33	19	0.08	1.75	95
CO5164	CO5048	2.13	2 1-	4ACSR	0	0	999	170	9	1	1	0.00	1.75	0
CO5165	CO5164	2.22	2 1-	4ACSR	0	0	976	169	9	1	1	0.00	1.75	0
CO5163	CO5048	2.11	1 1-	4ACSR	0	0	1005	170	11	1	1	0.00	1.75	0
CO5162	CO5163	2.22	1 1-	4ACSR	0	0	975	169	11	1	1	0.00	1.75	0
CO5050	CO5048	2.21	149 3-	2ACSR	1077	1046	981	170	720	32	18	0.11	1.86	130
CO5107	CO5050	2.29	2 1-	4ACSR	0	0	960	169	1	0	0	0.00	1.86	0
CO5159	CO5050	2.41	147 3-	2ACSR	1040	1005	936	168	718	32	18	0.17	2.03	193
CO5160	CO5159	2.50	147 3-	2ACSR	1024	987	917	168	717	32	18	0.08	2.11	89
CO5161	CO5160	2.56	146 3-	2ACSR	1014	976	905	167	714	32	18	0.05	2.15	54
CO5282	CO5161	2.56	7 1-	6ACWC	0	0	904	167	25	3	2	0.00	2.15	0
OC138	CO5282	2.56	7 1-	10 N FUSE	0	0	904	167	25	3	34	0.00	2.15	0
CO5283	OC138	2.74	7 1-	6ACWC	0	0	863	165	25	3	2	0.03	2.18	0
CO5156	CO5283	2.98	6 1-	6ACWC	0	0	811	163	23	3	2	0.03	2.21	0
CO5106	CO5156	3.05	1 1-	2ACSR	0	0	799	162	0	0	0	0.00	2.21	0
CO5074	CO5156	3.02	1 1-	4ACSR	0	0	803	163	1	0	0	0.00	2.21	0
CO5157	CO5156	3.17	3 1-	6ACWC	0	0	772	161	17	2	2	0.01	2.22	0
CO5158	CO5157	3.25	2 1-	2ACSR	0	0	761	161	8	1	1	0.00	2.23	0
CO-368108086	CO5158	3.29	0 1-	2ACSR	0	0	753	160	0	0	0	0.00	2.23	0
CO-1304904973	CO5158	3.43	2 1-	2ACSR	0	0	733	159	8	1	1	0.01	2.23	0
CO5076	CO-1304904973	3.47	1 1-	4ACSR	0	0	726	159	6	0	1	0.00	2.23	0
CO5075	CO-1304904973	3.47	1 1-	4ACSR	0	0	726	159	2	0	0	0.00	2.23	0
CO5109	CO5161	3.26	139 3-	2ACSR	900	852	777	162	690	31	18	0.57	2.73	638
CO5154	CO5109	3.36	138 3-	2ACSR	886	836	762	162	680	31	17	0.08	2.81	87
CO5155	CO5154	3.51	136 3-	2ACSR	864	817	739	161	673	30	17	0.12	2.93	132
CO5151	CO5155	3.61	4 1-	4ACSR	0	0	722	160	16	2	2	0.01	2.94	0
CO5152	CO5151	3.75	3 1-	4ACSR	0	0	698	158	16	2	2	0.01	2.95	0
CO5153	CO5152	3.86	2 1-	4ACSR	0	0	680	157	7	0	1	0.00	2.95	0
CO-1883019117	CO5153	3.90	1 1-	2ACSR	0	0	676	157	7	0	1	0.00	2.95	0
CO-380523974	CO-1883019117	3.95	1 1-	2ACSR	0	0	669	157	7	0	1	0.00	2.96	0
CO1855604674	CO-380523974	4.01	1 1-	2ACSR	0	0	663	156	7	0	1	0.00	2.96	0
CO5149	CO5155	3.53	132 3-	2ACSR	861	814	736	160	657	30	17	0.02	2.94	17
CO5150	CO5149	3.64	132 3-	2ACSR	846	800	721	160	657	30	17	0.08	3.03	89
CO5148	CO5150	3.74	131 3-	2ACSR	832	787	706	159	647	29	17	0.08	3.11	84
CO5146	CO5148	3.81	128 3-	2ACSR	824	779	698	159	634	29	16	0.05	3.16	49
CO5147	CO5146	3.89	127 3-	2ACSR	813	769	687	158	632	29	16	0.07	3.22	67
CO5083	CO5147	3.97	1 1-	4ACSR	0	0	675	157	12	1	1	0.00	3.22	0
CO5082	CO5147	3.95	1 1-	4ACSR	0	0	678	157	2	0	0	0.00	3.22	0
CO5284	CO5147	3.90	17 1-	6ACWC	0	0	686	158	91	12	9	0.00	3.23	0
OC137	CO5284	3.90	17 1-	10 N FUSE	0	0	686	158	91	12	125	0.00	3.23	0
CO5285	OC137	4.05	17 1-	6ACWC	0	0	663	157	91	12	9	0.08	3.31	12
CO5137	CO5285	4.32	16 1-	6ACWC	0	0	626	154	85	11	8	0.14	3.45	19
CO5081	CO5137	4.46	1 1-	4ACSR	0	0	607	153	0	0	0	0.00	3.45	0
CO5080	CO5137	4.34	0 1-	4ACSR	0	0	622	154	0	0	0	0.00	3.45	0
CO5138	CO5137	4.36	15 1-	6ACWC	0	0	620	154	84	11	8	0.02	3.47	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5139	CO5138	4.52	15 1-	6ACWC	0	0	599	152	84	11	8	0.09	3.55	12
CO5274	CO5139	4.59	5 1-	2ACSR	0	0	592	152	32	4	2	0.01	3.56	0
CO1958208634	CO5274	4.66	4 1-	2ACSR	0	0	586	152	22	3	2	0.01	3.57	0
CO279939660	CO1958208634	4.74	1 1-	2ACSR	0	0	578	151	8	1	1	0.00	3.57	0
CO-1465172700	CO1958208634	4.78	3 1-	2ACSR	0	0	574	151	14	1	1	0.01	3.58	0
CO4068	CO-1465172700	4.87	3 1-	2ACSR	0	0	566	150	14	1	1	0.00	3.58	0
CO-1714568151	CO4068	4.94	1 1-	2ACSR	0	0	559	150	0	0	0	0.00	3.58	0
CO4067	CO4068	4.92	1 1-	2ACSR	0	0	561	150	12	1	1	0.00	3.58	0
CO3906	CO-1465172700	4.82	0 1-	2ACSR	0	0	570	151	0	0	0	0.00	3.58	0
CO5290	CO5274	4.63	1 1-	750 MCM - 42 Wi	0	0	590	152	10	1	0	0.00	3.56	0
CO5103	CO5139	4.59	1 1-	2ACSR	0	0	592	152	13	1	1	0.00	3.56	0
CO5140	CO5139	4.60	9 1-	6ACWC	0	0	590	152	39	5	4	0.01	3.57	0
CO8268	CO5140	4.77	4 1-	4ACSR	0	0	570	150	13	1	1	0.01	3.58	0
CO3970	CO8268	4.85	3 1-	4ACSR	0	0	560	149	10	1	1	0.01	3.59	0
CO3881	CO3970	4.93	0 1-	4ACSR	0	0	552	149	0	0	0	0.00	3.59	0
CO3973	CO3970	5.02	3 1-	4ACSR	0	0	542	148	10	1	1	0.01	3.60	0
CO3972	CO3973	5.11	3 1-	4ACSR	0	0	533	147	10	1	1	0.00	3.60	0
CO3974	CO3972	5.19	1 1-	4ACSR	0	0	524	147	0	0	0	0.00	3.60	0
CO3971	CO3974	5.33	1 1-	4ACSR	0	0	511	146	0	0	0	0.00	3.60	0
CO5141	CO5140	4.77	3 1-	4ACSR	0	0	569	150	9	1	1	0.01	3.58	0
CO5142	CO5141	4.86	2 1-	4ACSR	0	0	559	149	6	0	1	0.00	3.58	0
CO5144	CO5142	4.99	1 1-	2ACSR	0	0	548	149	6	0	0	0.00	3.58	0
CO5145	CO5144	5.03	1 1-	2ACSR	0	0	545	148	6	0	0	0.00	3.58	0
CO5143	CO5142	4.97	1 1-	4ACSR	0	0	547	148	0	0	0	0.00	3.58	0
CO5135	CO5147	3.97	106 3-	2ACSR	803	760	677	158	526	24	13	0.05	3.27	39
CO5136	CO5135	4.08	103 3-	2ACSR	789	746	663	157	509	23	13	0.07	3.34	58
CO5084	CO5136	4.20	1 1-	4ACSR	0	0	646	156	9	1	1	0.00	3.34	0
CO5133	CO5136	4.17	101 3-	2ACSR	778	736	652	156	500	23	13	0.05	3.39	44
CO5134	CO5133	4.27	99 3-	2ACSR	767	726	642	156	488	22	13	0.05	3.44	41
CO5132	CO5134	4.30	98 3-	2ACSR	763	722	637	155	471	21	12	0.02	3.47	16
CO8269	CO5132	4.44	96 3-	2ACSR	747	707	622	155	461	21	12	0.08	3.54	57
CO-1664755867	CO8269	4.48	0 1-	2ACSR	0	0	618	154	0	0	0	0.00	3.54	0
CO3975	CO8269	4.50	95 3-	2ACSR	740	701	616	154	449	20	12	0.03	3.57	24
CO3855	CO3975	4.58	93 3-	2ACSR	732	693	607	154	439	20	11	0.04	3.62	30
CO3978	CO3855	4.73	92 3-	2ACSR	716	679	593	153	434	20	11	0.07	3.69	51
CO3977	CO3978	4.76	90 3-	2ACSR	713	676	590	153	424	19	11	0.02	3.71	11
CO3979	CO3977	4.95	90 3-	2ACSR	694	658	572	151	424	19	11	0.10	3.80	68
CO693508343	CO3979	5.19	90 3-	2ACSR	671	637	550	150	423	19	11	0.12	3.93	85
CO-684338064	CO693508343	5.20	89 3-	2ACSR	670	636	549	150	417	19	11	0.00	3.93	3
CO4005	CO-684338064	5.30	60 3-	2ACSR	661	628	541	149	276	12	7	0.03	3.96	15
CO4003	CO4005	5.39	59 3-	2ACSR	653	620	534	149	270	12	7	0.03	3.99	13
CO4004	CO4003	5.49	58 3-	2ACSR	644	612	526	148	268	12	7	0.03	4.03	14
CO3893	CO4004	5.56	1 1-	4ACSR	0	0	519	148	1	0	0	0.00	4.03	0
CO4048	CO4004	5.55	1 1-	4ACSR	0	0	520	148	0	0	0	0.00	4.03	0
CO4049	CO4048	5.67	1 1-	4ACSR	0	0	509	147	0	0	0	0.00	4.03	0
CO4007	CO4004	5.53	56 3-	2ACSR	641	609	523	148	267	12	7	0.01	4.04	5
CO4006	CO4007	5.68	55 3-	2ACSR	628	598	511	147	262	12	7	0.05	4.08	20
CO4088	CO4006	5.68	9 1-	4ACSR	0	0	511	147	12	1	1	0.00	4.09	0
OC118	CO4088	5.68	9 1-	15 H OCR	0	0	511	147	12	1	11	0.00	4.09	0
CO4089	OC118	5.85	9 1-	4ACSR	0	0	496	146	12	1	1	0.01	4.10	0
CO3892	CO4089	5.92	1 1-	4ACSR	0	0	490	145	8	1	1	0.00	4.10	0
CO4009	CO4089	5.94	8 1-	4ACSR	0	0	489	145	4	0	0	0.00	4.10	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4011	CO4009	6.07	8 1-	4ACSR	0	0	477	144	4	0	0	0.00	4.10	0
CO4010	CO4011	6.15	7 1-	4ACSR	0	0	471	143	2	0	0	0.00	4.10	0
CO4008	CO4010	6.21	7 1-	4ACSR	0	0	466	143	2	0	0	0.00	4.10	0
CO3894	CO4008	6.52	0 1-	4ACSR	0	0	443	140	0	0	0	0.00	4.10	0
CO4013	CO4008	6.34	7 1-	2ACSR	0	0	458	142	2	0	0	0.00	4.11	0
CO4012	CO4013	6.44	7 1-	2ACSR	0	0	452	142	2	0	0	0.00	4.11	0
CO3859	CO4012	6.50	6 1-	2ACSR	0	0	449	141	2	0	0	0.00	4.11	0
CO8261	CO3859	6.74	5 1-	2ACSR	0	0	435	140	1	0	0	0.00	4.11	0
CO3686	CO8261	6.90	4 1-	2ACSR	0	0	426	139	1	0	0	0.00	4.11	0
CO3687	CO3686	7.14	4 1-	2ACSR	0	0	414	138	1	0	0	0.00	4.11	0
CO2995	CO3687	7.29	4 1-	2ACSR	0	0	407	137	1	0	0	0.00	4.11	0
CO3688	CO2995	7.37	2 1-	4ACSR	0	0	402	136	0	0	0	0.00	4.11	0
CO3689	CO3688	7.39	2 1-	4ACSR	0	0	401	136	0	0	0	0.00	4.11	0
CO3690	CO3689	7.59	1 1-	4ACSR	0	0	389	135	0	0	0	0.00	4.11	0
CO2996	CO2995	7.54	1 1-	2ACSR	0	0	395	136	0	0	0	0.00	4.11	0
CO3082	CO3687	7.20	0 1-	4ACSR	0	0	410	137	0	0	0	0.00	4.11	0
CO4014	CO3859	6.73	0 1-	4ACSR	0	0	432	139	0	0	0	0.00	4.11	0
CO8304	CO4014	7.13	0 1-	4ACSR	0	0	406	136	0	0	0	0.00	4.11	0
CO4805	CO8304	7.38	0 1-	4ACSR	0	0	391	135	0	0	0	0.00	4.11	0
CO4806	CO4805	7.45	0 1-	4ACSR	0	0	388	134	0	0	0	0.00	4.11	0
CO4050	CO4012	6.49	1 1-	4ACSR	0	0	449	141	0	0	0	0.00	4.11	0
CO4051	CO4050	6.52	1 1-	4ACSR	0	0	446	141	0	0	0	0.00	4.11	0
CO4015	CO4006	5.74	45 3-	2ACSR	623	593	507	147	248	11	6	0.02	4.10	8
CO4017	CO4015	5.84	45 3-	2ACSR	615	585	499	146	248	11	6	0.03	4.13	12
CO4016	CO4017	5.94	43 3-	2ACSR	607	578	493	146	234	10	6	0.03	4.16	10
CO3862	CO4016	6.08	33 3-	2ACSR	597	569	483	145	186	8	5	0.03	4.19	9
CO3863	CO3862	6.25	31 3-	2ACSR	584	557	472	144	179	8	5	0.04	4.23	11
CO3901	CO3863	6.35	1 1-	4ACSR	0	0	465	143	1	0	0	0.00	4.23	0
CO3864	CO3863	6.32	30 3-	2ACSR	579	552	468	143	177	8	5	0.01	4.24	4
CO8250	CO3864	6.40	28 3-	2ACSR	574	547	463	143	175	8	5	0.02	4.26	5
CO2998	CO8250	6.84	23 3-	2ACSR	544	520	437	141	147	6	4	0.08	4.34	19
CO3725	CO2998	6.91	12 3-	2ACSR	540	516	433	140	107	4	3	0.01	4.35	0
CO3726	CO3725	6.96	12 3-	2ACSR	537	513	430	140	107	4	3	0.01	4.35	0
CO3727	CO3726	7.03	12 3-	2ACSR	532	509	427	140	107	4	3	0.01	4.36	0
CO3724	CO3727	7.05	1 1-	4ACSR	0	0	425	139	12	1	1	0.00	4.36	0
CO3723	CO3727	7.12	1 1-	4ACSR	0	0	421	139	10	1	1	0.00	4.37	0
CO3717	CO3727	7.10	10 3-	2ACSR	528	505	423	139	85	3	2	0.01	4.37	0
CO3718	CO3717	7.13	9 3-	2ACSR	526	503	422	139	68	3	2	0.00	4.37	0
CO3719	CO3718	7.20	7 3-	2ACSR	522	499	418	139	45	2	1	0.00	4.37	0
CO3720	CO3719	7.24	5 3-	2ACSR	520	497	416	139	30	1	1	0.00	4.38	0
CO3721	CO3720	7.25	3 3-	2ACSR	519	497	415	138	15	0	0	0.00	4.38	0
CO3722	CO3721	7.38	1 3-	2ACSR	512	490	409	138	0	0	0	0.00	4.38	0
CO3716	CO3722	7.54	1 3-	2ACSR	503	482	402	137	0	0	0	0.00	4.38	0
CO3122	CO3716	7.61	1 1-	4ACSR	0	0	398	136	0	0	0	0.00	4.38	0
CO2999	CO3716	7.65	0 3-	2ACSR	497	476	396	136	0	0	0	0.00	4.38	0
SW109-B	CO2999	7.65	0 3-	Open	497	476	396	136	0	0	0	0.00	4.38	0
CO3827	CO2998	6.85	11 1-	4ACSR	0	0	437	141	40	5	4	0.00	4.34	0
OC100	CO3827	6.85	11 1-	10 N FUSE	0	0	437	141	40	5	56	0.00	4.34	0
CO3828	OC100	6.97	11 1-	4ACSR	0	0	428	140	40	5	4	0.03	4.37	0
CO3728	CO3828	7.18	8 1-	4ACSR	0	0	415	138	29	4	3	0.03	4.40	0
CO3729	CO3728	7.24	3 1-	4ACSR	0	0	411	138	24	3	2	0.01	4.41	0
CO3730	CO3729	7.29	2 1-	4ACSR	0	0	408	137	19	2	2	0.00	4.41	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3731	CO3728	7.28	0 1-	4ACSR	0	0	409	137	0	0	0	0.00	4.40	0
CO8263	CO3731	7.57	0 1-	4ACSR	0	0	391	135	0	0	0	0.00	4.40	0
CO2997	CO8250	6.49	5 1-	4ACSR	0	0	456	142	28	3	3	0.02	4.28	0
CO3732	CO2997	6.58	2 1-	4ACSR	0	0	449	142	9	1	1	0.00	4.28	0
CO3733	CO3732	6.68	2 1-	4ACSR	0	0	442	141	9	1	1	0.00	4.28	0
CO3083	CO2997	6.59	1 1-	4ACSR	0	0	449	142	15	2	1	0.00	4.28	0
CO4057	CO3864	6.40	2 1-	4ACSR	0	0	461	143	2	0	0	0.00	4.24	0
CO3904	CO4057	6.42	1 1-	4ACSR	0	0	460	143	1	0	0	0.00	4.24	0
CO4058	CO4057	6.45	1 1-	4ACSR	0	0	458	142	1	0	0	0.00	4.24	0
CO3902	CO3864	6.44	0 1-	4ACSR	0	0	458	142	0	0	0	0.00	4.24	0
CO3900	CO3862	6.16	1 1-	4ACSR	0	0	477	144	0	0	0	0.00	4.19	0
CO3899	CO3862	6.12	1 1-	4ACSR	0	0	480	144	8	1	1	0.00	4.19	0
CO4082	CO4016	5.95	9 1-	4ACSR	0	0	492	145	36	4	4	0.00	4.16	0
OC115	CO4082	5.95	9 1-	15 H OCR	0	0	492	145	36	4	33	0.00	4.16	0
CO4083	OC115	6.01	9 1-	4ACSR	0	0	487	145	36	4	4	0.01	4.18	0
CO3897	CO4083	6.09	1 1-	4ACSR	0	0	480	144	7	0	1	0.00	4.18	0
CO4019	CO4083	6.32	8 1-	4ACSR	0	0	462	143	29	4	3	0.05	4.23	2
CO4018	CO4019	6.37	7 1-	4ACSR	0	0	458	142	24	3	2	0.01	4.24	0
CO3896	CO4018	6.46	1 1-	4ACSR	0	0	451	141	4	0	0	0.00	4.24	0
CO3895	CO4018	6.44	1 1-	4ACSR	0	0	452	142	0	0	0	0.00	4.24	0
CO3860	CO4018	6.47	5 1-	4ACSR	0	0	451	141	19	2	2	0.01	4.25	0
CO3861	CO3860	6.89	3 1-	4ACSR	0	0	421	138	12	1	1	0.03	4.28	0
CO4055	CO3861	6.95	3 1-	4ACSR	0	0	418	138	12	1	1	0.00	4.28	0
CO4056	CO4055	7.06	2 1-	4ACSR	0	0	410	137	12	1	1	0.01	4.29	0
CO4054	CO4056	7.09	2 1-	4ACSR	0	0	408	137	12	1	1	0.00	4.29	0
CO3898	CO3861	7.00	0 1-	4ACSR	0	0	414	137	0	0	0	0.00	4.28	0
CO4052	CO3860	6.50	2 1-	4ACSR	0	0	448	141	7	1	1	0.00	4.25	0
CO4053	CO4052	6.53	2 1-	4ACSR	0	0	446	141	7	1	1	0.00	4.25	0
CO3907	CO4017	5.90	2 1-	2ACSR	0	0	496	146	15	2	1	0.00	4.14	0
CO3856	CO-684338064	5.52	29 1-	4ACSR	0	0	517	147	141	19	14	0.28	4.22	66
CO3884	CO3856	5.76	1 1-	4ACSR	0	0	495	145	10	1	1	0.01	4.22	0
CO4080	CO3856	5.53	28 1-	4ACSR	0	0	517	147	131	18	13	0.01	4.22	0
OC114	CO4080	5.53	28 1-	25 H OCR	0	0	517	147	131	18	73	0.00	4.22	0
CO4081	OC114	5.74	28 1-	4ACSR	0	0	497	145	131	18	13	0.18	4.40	38
CO3865	CO4081	5.84	23 1-	4ACSR	0	0	489	145	111	15	11	0.07	4.46	12
CO3903	CO3865	5.89	1 1-	4ACSR	0	0	484	144	3	0	0	0.00	4.47	0
CO4023	CO3865	5.90	22 1-	4ACSR	0	0	484	144	107	14	11	0.04	4.50	7
CO4022	CO4023	5.95	21 1-	4ACSR	0	0	479	144	102	14	10	0.03	4.54	6
CO4020	CO4022	6.13	21 1-	4ACSR	0	0	464	142	101	14	10	0.12	4.66	19
CO4021	CO4020	6.20	20 1-	4ACSR	0	0	459	142	100	14	10	0.04	4.70	7
CO3886	CO4021	6.33	2 1-	4ACSR	0	0	449	141	20	2	2	0.01	4.71	0
CO3982	CO4021	6.27	17 1-	4ACSR	0	0	454	141	77	10	8	0.03	4.73	4
CO3980	CO3982	6.39	17 1-	4ACSR	0	0	445	140	77	10	8	0.06	4.79	7
CO3981	CO3980	6.42	16 1-	4ACSR	0	0	443	140	73	10	7	0.01	4.81	0
CO3857	CO3981	6.52	6 1-	4ACSR	0	0	435	139	26	3	3	0.02	4.82	0
CO3991	CO3857	6.61	6 1-	4ACSR	0	0	430	139	26	3	3	0.01	4.84	0
CO3990	CO3991	6.62	5 1-	4ACSR	0	0	429	139	23	3	2	0.00	4.84	0
CO3988	CO3990	6.73	5 1-	4ACSR	0	0	421	138	23	3	2	0.02	4.85	0
CO3989	CO3988	6.81	4 1-	4ACSR	0	0	416	137	20	2	2	0.01	4.86	0
CO3992	CO3989	6.87	4 1-	4ACSR	0	0	412	137	20	2	2	0.01	4.87	0
CO3890	CO3992	7.03	1 1-	4ACSR	0	0	403	136	6	0	1	0.00	4.87	0
CO3858	CO3992	7.12	3 1-	4ACSR	0	0	397	135	14	1	1	0.02	4.89	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3891	CO3858	7.28	1 1-	4ACSR	0	0	388	134	0	0	0	0.00	4.89	0
CO3998	CO3858	7.29	1 1-	4ACSR	0	0	388	134	11	1	1	0.01	4.90	0
CO3997	CO3998	7.52	1 1-	4ACSR	0	0	375	132	11	1	1	0.02	4.92	0
CO3999	CO3997	7.64	1 1-	4ACSR	0	0	368	131	11	1	1	0.01	4.92	0
CO3996	CO3999	7.71	1 1-	4ACSR	0	0	365	131	11	1	1	0.00	4.93	0
CO4000	CO3996	7.86	1 1-	4ACSR	0	0	357	130	11	1	1	0.01	4.94	0
CO3995	CO4000	7.90	1 1-	4ACSR	0	0	356	130	11	1	1	0.00	4.94	0
CO4001	CO3995	7.94	1 1-	4ACSR	0	0	354	129	11	1	1	0.00	4.94	0
CO3994	CO4001	7.98	1 1-	4ACSR	0	0	352	129	11	1	1	0.00	4.95	0
CO4002	CO3994	8.01	1 1-	4ACSR	0	0	351	129	11	1	1	0.00	4.95	0
CO3993	CO4002	8.06	1 1-	4ACSR	0	0	348	129	11	1	1	0.00	4.95	0
CO3887	CO3857	6.57	0 1-	4ACSR	0	0	432	139	0	0	0	0.00	4.82	0
CO4024	CO3981	6.79	9 1-	4ACSR	0	0	417	137	45	6	5	0.11	4.91	8
CO3888	CO4024	6.92	1 1-	4ACSR	0	0	409	136	3	0	0	0.00	4.91	0
CO4077	CO4024	7.01	8 1-	4ACSR	0	0	404	136	42	5	4	0.06	4.97	4
CO3968	CO4077	7.05	6 1-	4ACSR	0	0	402	135	33	4	3	0.01	4.98	0
CO3967	CO3968	7.14	5 1-	4ACSR	0	0	396	135	28	3	3	0.02	4.99	0
CO3969	CO3967	7.33	5 1-	4ACSR	0	0	385	133	28	3	3	0.03	5.02	0
CO3966	CO3969	7.60	4 1-	4ACSR	0	0	371	132	23	3	2	0.04	5.06	0
CO4043	CO3966	7.64	1 1-	4ACSR	0	0	368	131	13	1	1	0.00	5.07	0
CO4044	CO4043	7.69	1 1-	4ACSR	0	0	366	131	13	1	1	0.00	5.07	0
CO4042	CO4044	7.73	1 1-	4ACSR	0	0	364	131	13	1	1	0.00	5.07	0
CO4045	CO4042	7.79	1 1-	4ACSR	0	0	361	130	13	1	1	0.00	5.08	0
CO4046	CO3966	7.65	2 1-	4ACSR	0	0	368	131	9	1	1	0.00	5.06	0
CO4047	CO4046	7.75	1 1-	4ACSR	0	0	363	131	0	0	0	0.00	5.06	0
CO3889	CO4077	7.08	2 1-	4ACSR	0	0	400	135	9	1	1	0.00	4.97	0
CO3885	CO4081	5.79	2 1-	4ACSR	0	0	493	145	11	1	1	0.00	4.40	0
CO3984	CO4081	5.77	3 1-	4ACSR	0	0	494	145	9	1	1	0.00	4.40	0
CO3986	CO3984	6.21	3 1-	4ACSR	0	0	458	142	9	1	1	0.02	4.42	0
CO3985	CO3986	6.24	2 1-	4ACSR	0	0	456	141	6	0	1	0.00	4.42	0
CO3983	CO3985	6.66	2 1-	4ACSR	0	0	426	138	6	0	1	0.02	4.44	0
CO3987	CO3983	6.77	2 1-	4ACSR	0	0	419	137	6	0	1	0.00	4.44	0
CO-254729501	CO693508343	5.34	1 1-	2ACSR	0	0	538	149	6	0	0	0.00	3.93	0
CO3883	CO3855	4.80	1 1-	4ACSR	0	0	581	152	5	0	0	0.00	3.62	0
CO3882	CO3975	4.68	1 1-	4ACSR	0	0	593	153	9	1	1	0.00	3.58	0
CO5085	CO5132	4.42	1 1-	4ACSR	0	0	621	154	11	1	1	0.00	3.47	0
CO5079	CO5148	3.79	1 1-	4ACSR	0	0	698	159	7	1	1	0.00	3.11	0
CO5078	CO5148	3.81	1 1-	4ACSR	0	0	695	158	2	0	0	0.00	3.11	0
CO5077	CO5109	3.38	1 1-	4ACSR	0	0	755	161	7	0	1	0.00	2.73	0
CO5281	CO5050	2.22	0 1-	4ACSR	0	0	979	170	0	0	0	0.00	1.86	0
SW141-A	CO5281	2.22	0 1-	Open	0	0	979	170	0	0	0	0.00	1.86	0
CO5071	CO5166	2.02	1 1-	4ACSR	0	0	1026	171	10	1	1	0.00	1.67	0
CO5278	CO5045	1.65	16 1-	4ACSR	0	0	1128	174	65	8	6	0.00	1.35	0
OC135	CO5278	1.65	16 1-	50 H OCR	0	0	1128	174	65	8	18	0.00	1.35	0
CO5279	OC135	1.81	16 1-	4ACSR	0	0	1077	172	65	8	6	0.06	1.42	6
CO5176	CO5279	1.83	15 1-	4ACSR	0	0	1070	172	55	7	5	0.01	1.42	0
CO5177	CO5176	1.93	15 1-	4ACSR	0	0	1041	171	55	7	5	0.03	1.46	3
CO5178	CO5177	2.02	15 1-	4ACSR	0	0	1013	170	55	7	5	0.03	1.48	2
CO5179	CO5178	2.12	14 1-	4ACSR	0	0	986	169	46	6	5	0.02	1.51	0
CO5180	CO5179	2.21	13 1-	4ACSR	0	0	961	168	38	5	4	0.02	1.53	0
CO5049	CO5180	2.28	8 1-	4ACSR	0	0	942	167	25	3	2	0.01	1.54	0
CO5184	CO5049	2.33	5 1-	4ACSR	0	0	928	167	22	2	2	0.01	1.54	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5185	CO5184	2.42	3 1-	4ACSR	0	0	906	166	18	2	2	0.01	1.55	0
CO5073	CO5185	2.48	2 1-	4ACSR	0	0	890	165	9	1	1	0.00	1.56	0
CO5186	CO5185	2.48	1 1-	4ACSR	0	0	889	165	9	1	1	0.00	1.56	0
CO5272	CO5186	2.52	1 1-	4ACSR	0	0	879	165	9	1	1	0.00	1.56	0
CO5104	CO5272	2.56	0 1-	2ACSR	0	0	872	164	0	0	0	0.00	1.56	0
CO5273	CO5272	2.57	0 1-	4ACSR	0	0	867	164	0	0	0	0.00	1.56	0
CO5187	CO5273	2.88	0 1-	4ACSR	0	0	798	161	0	0	0	0.00	1.56	0
CO5280	CO5187	3.18	0 1-	4ACSR	0	0	738	158	0	0	0	0.00	1.56	0
SW141-B	CO5280	3.18	0 1-	Open	0	0	738	158	0	0	0	0.00	1.56	0
CO5181	CO5049	2.30	2 1-	4ACSR	0	0	935	167	1	0	0	0.00	1.54	0
CO5182	CO5181	2.37	1 1-	4ACSR	0	0	916	166	1	0	0	0.00	1.54	0
CO5183	CO5182	2.41	1 1-	4ACSR	0	0	908	166	1	0	0	0.00	1.54	0
CO5072	CO5180	2.25	1 1-	4ACSR	0	0	948	167	2	0	0	0.00	1.53	0
CO5068	CO5188	1.63	1 1-	4ACSR	0	0	1132	174	13	1	1	0.00	1.31	0
CO5067+	CO5044	1.25	1 1-	4ACSR	0	0	4805	348	5	0	0	0.00	0.21	0
CO5066+	CO5044	1.27	1 1-	4ACSR	0	0	4716	348	9	0	0	0.00	0.21	0
CO5191+	CO5043	1.15	8 1-	4ACSR	0	0	5125	350	23	1	1	0.00	0.18	0
CO5192+	CO5191	1.18	6 1-	4ACSR	0	0	4994	349	15	0	1	0.00	0.18	0
CO5193+	CO5192	1.21	5 1-	4ACSR	0	0	4872	348	8	0	0	0.00	0.18	0
CO5194+	CO5193	1.39	4 1-	4ACSR	0	0	4235	344	6	0	0	0.00	0.18	0
CO5065+	CO5194	1.43	1 1-	4ACSR	0	0	4125	344	3	0	0	0.00	0.18	0
CO5195+	CO5194	1.43	3 1-	4ACSR	0	0	4121	344	3	0	0	0.00	0.18	0
CO5196+	CO5195	1.48	1 1-	4ACSR	0	0	3989	343	0	0	0	0.00	0.18	0
CO5197+	CO5196	1.57	1 1-	4ACSR	0	0	3743	341	0	0	0	0.00	0.18	0
CO5617+	CO5648	0.93	4 1-	4ACSR	0	0	6023	353	30	2	1	0.00	0.12	0
CO5618+	CO5617	0.96	1 1-	4ACSR	0	0	5831	352	9	0	0	0.00	0.12	0
CO5538+	CO5650	0.81	2 1-	4ACSR	0	0	6421	354	10	0	0	0.00	0.06	0
CO5536+	CO5505	0.36	2 1-	4ACSR	0	0	8597	357	6	0	0	0.00	0.03	0
CO5535+	CO5505	0.33	3 1-	4ACSR	0	0	8901	357	13	0	1	0.00	0.03	0
CO5615+	CO5580	0.33	3 1-	4ACSR	0	0	8616	356	4	0	0	0.00	0.02	0
CO5616+	CO5615	0.37	2 1-	4ACSR	0	0	8205	355	4	0	0	0.00	0.02	0
CO5637+	CO5634	0.01	440 3-	750 MCM - 42 Wi	10735	11278	11425	359	2117	47	4	0.00	0.00	0
MudSock+	CO5637	0.01	440 3-	560 200WVE	10735	11278	11425	359	2117	47	9	0.00	0.00	0
CO5664+	MudSock	0.02	440 3-	1/0ACSR	10674	11173	11322	359	2117	47	21	0.00	0.01	11
CO5665+	CO5664	0.11	440 3-	1/0ACSR	10034	10159	10268	358	2117	47	21	0.04	0.04	122
CO5569+	CO5665	0.23	440 3-	1/0ACSR	9278	9276	9120	357	2117	47	21	0.05	0.09	157
CO5570+	CO5569	0.29	440 3-	1/0ACSR	8951	8895	8653	357	2116	47	21	0.02	0.12	74
CO5501+	CO5570	0.47	438 3-	1/0ACSR	8043	7857	7442	355	2105	47	21	0.07	0.19	227
CO5605+	CO5501	0.57	2 1-	4ACSR	0	0	6708	353	6	0	0	0.00	0.19	0
CO5604+	CO5605	0.66	2 1-	4ACSR	0	0	6070	351	6	0	0	0.00	0.19	0
CO5573+	CO5501	0.64	436 3-	1/0ACSR	7286	7016	6518	353	2099	47	21	0.07	0.26	223
CO5571+	CO5573	0.80	436 3-	1/0ACSR	6697	6379	5845	352	2098	47	21	0.06	0.33	202
CO5572+	CO5571	0.99	435 3-	1/0ACSR	6085	5734	5186	350	2089	47	20	0.08	0.40	245
CO17141+	CO5572	1.34	202 3-	1/0ACSR	5216	4909	4308	346	946	21	9	0.06	0.47	91
CO12251+	CO17141	1.46	202 3-	1/0ACSR	4953	4661	4054	345	945	21	9	0.02	0.49	33
CO12250+	CO12251	1.47	200 3-	1/0ACSR	4930	4639	4032	345	939	21	9	0.00	0.50	3
CO12249+	CO12250	1.71	200 3-	1/0ACSR	4498	4235	3627	343	939	21	9	0.04	0.54	62
CO12196+	CO12249	1.81	0 1-	4ACSR	0	0	3416	341	0	0	0	0.00	0.54	0
CO12161+	CO12249	1.85	200 3-	2ACSR	4241	4002	3398	341	939	21	12	0.04	0.58	55
AU2030824619	CO12161	1.85	200 3-	333 KVA 1PH AUT	1225	1216	1184	176	939	21	92	0.75	1.33	0
CO12157	AU2030824619	2.21	200 3-	2ACSR	1152	1133	1081	173	939	42	24	0.40	1.73	607

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12160	CO12157	2.39	199 3-	2ACSR	1118	1094	1035	172	935	42	24	0.19	1.92	291
CO12156	CO12160	2.59	199 3-	2ACSR	1081	1052	987	170	933	42	24	0.21	2.14	323
CO12192	CO12156	2.68	1 1-	4ACSR	0	0	962	169	0	0	0	0.00	2.14	0
OC-1526328048	CO12192	2.68	0 1-	20 N FUSE	0	0	962	169	0	0	0	0.00	2.14	0
CO12248	CO12156	2.75	198 3-	2ACSR	1050	1018	950	169	932	42	24	0.18	2.32	272
CO12247	CO12248	3.42	198 3-	2ACSR	938	893	818	164	930	42	24	0.73	3.05	1097
CO12159	CO12247	3.51	196 3-	2ACSR	923	878	803	163	908	41	23	0.10	3.14	144
CO12191	CO12159	3.67	4 1-	4ACSR	0	0	770	162	25	3	2	0.02	3.17	0
OC1131000945	CO12191	3.67	3 1-	20 N FUSE	0	0	770	162	19	2	13	0.00	3.17	0
CO12286	OC1131000945	3.73	2 1-	4ACSR	0	0	760	161	12	1	1	0.00	3.17	0
CO12285	CO12286	3.74	1 1-	4ACSR	0	0	757	161	0	0	0	0.00	3.17	0
CO12190	OC1131000945	3.74	1 1-	4ACSR	0	0	758	161	7	0	1	0.00	3.17	0
CO12158	CO12159	3.57	192 3-	2ACSR	914	868	793	163	883	40	23	0.06	3.21	93
CO17134	CO12158	4.15	192 3-	2ACSR	831	785	706	159	882	40	23	0.61	3.82	876
CO12555	CO17134	4.33	192 3-	2ACSR	808	763	682	158	878	40	23	0.19	4.01	275
CO12556	CO12555	4.42	192 3-	2ACSR	796	753	670	157	877	40	23	0.09	4.10	136
OC-786214371	CO12556	4.42	190 3-	20 N FUSE	796	753	670	157	866	40	201	0.00	4.10	0
CO12560	OC-786214371	4.45	190 3-	2ACSR	793	750	667	157	866	40	22	0.03	4.13	37
CO12559	CO12560	4.53	189 3-	2ACSR	783	740	657	157	861	39	22	0.08	4.21	119
CO12636	CO12559	4.57	4 1-	6ACWC	0	0	652	156	15	2	2	0.00	4.22	0
OC-1454076942	CO12636	4.57	1 1-	20 N FUSE	0	0	652	156	4	0	2	0.00	4.22	0
CO12544	OC-1454076942	4.63	1 1-	2ACSR	0	0	645	156	4	0	0	0.00	4.22	0
CO12637	OC-1454076942	4.88	0 1-	6ACWC	0	0	610	153	0	0	0	0.00	4.22	0
CO12558	CO12559	4.62	185 3-	2ACSR	772	730	647	156	845	39	22	0.09	4.31	130
CO12522	CO12558	4.70	1 1-	4ACSR	0	0	637	155	6	0	1	0.00	4.31	0
OC-653547389	CO12522	4.70	0 1-	20 N FUSE	0	0	637	155	0	0	0	0.00	4.31	0
CO12557	CO12558	5.15	184 3-	2ACSR	715	677	591	153	838	38	22	0.52	4.83	720
CO12688	CO12557	5.15	103 3-	1/0ACSR	714	677	591	153	481	22	10	0.00	4.83	0
OC353	CO12688	5.15	103 3-	50 H OCR	714	677	591	153	481	22	45	0.00	4.83	0
CO12689	OC353	5.27	103 3-	1/0ACSR	705	668	582	152	481	22	10	0.04	4.88	33
CO12580	CO12689	5.51	103 3-	1/0ACSR	685	649	563	151	481	22	10	0.09	4.97	71
CO12552	CO12580	5.62	1 1-	2ACSR	0	0	554	151	4	0	0	0.00	4.97	0
OC-280530938	CO12552	5.62	0 1-	20 N FUSE	0	0	554	151	0	0	0	0.00	4.97	0
CO12585	CO12580	5.83	99 3-	1/0ACSR	662	627	541	150	462	21	9	0.12	5.09	83
CO12584	CO12585	6.11	98 3-	1/0ACSR	642	608	522	149	458	21	9	0.10	5.19	73
CO12586	CO12584	6.18	98 3-	1/0ACSR	637	603	518	148	458	21	9	0.03	5.22	20
CO12512	CO12586	6.30	96 3-	1/0ACSR	629	596	510	148	446	20	9	0.04	5.26	30
CO12587	CO12512	6.47	95 3-	1/0ACSR	619	586	500	147	435	20	9	0.06	5.32	38
CO12589	CO12587	6.66	95 3-	1/0ACSR	606	574	489	146	434	20	9	0.07	5.39	47
CO12590	CO12589	6.77	95 3-	1/0ACSR	600	568	483	146	434	20	9	0.04	5.42	24
CO12588	CO12590	6.96	95 3-	1/0ACSR	589	558	473	145	434	20	9	0.07	5.49	45
CO17068	CO12588	7.03	93 3-	1/0ACSR	584	554	469	145	421	19	9	0.02	5.51	16
CO17067	CO17068	7.25	22 1-	4ACSR	0	0	453	143	98	13	10	0.14	5.65	22
OC-952471558	CO17067	7.25	22 1-	20 N FUSE	0	0	453	143	98	13	69	0.00	5.65	0
CO17069	OC-952471558	7.28	3 1-	4ACSR	0	0	451	143	7	1	1	0.00	5.65	0
CO13079	CO17069	7.37	1 1-	4ACSR	0	0	444	142	1	0	0	0.00	5.65	0
CO12513	OC-952471558	7.54	19 1-	4ACSR	0	0	432	141	91	12	9	0.17	5.82	26
CO12514	CO12513	7.70	17 1-	4ACSR	0	0	422	140	88	12	9	0.09	5.90	13
CO12591	CO12514	7.75	15 1-	4ACSR	0	0	419	139	84	11	8	0.02	5.93	3
CO12593	CO12591	8.02	13 1-	4ACSR	0	0	402	137	74	10	7	0.13	6.06	16
CO12592	CO12593	8.17	13 1-	4ACSR	0	0	394	136	74	10	7	0.07	6.12	8
CO12531	CO12592	8.27	0 1-	4ACSR	0	0	388	135	0	0	0	0.00	6.12	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL12515	COL12592	8.26	11 1-	4ACSR	0	0	389	136	69	9	7	0.04	6.16	5
COL12532	COL12515	8.33	1 1-	4ACSR	0	0	385	135	7	1	1	0.00	6.16	0
COL12516	COL12515	8.33	10 1-	4ACSR	0	0	385	135	62	8	6	0.03	6.19	3
COL12649	COL12516	8.37	5 1-	4ACSR	0	0	383	135	25	3	3	0.00	6.19	0
COL12648	COL12649	8.41	4 1-	4ACSR	0	0	381	134	17	2	2	0.00	6.20	0
COL12650	COL12648	8.47	1 1-	4ACSR	0	0	377	134	6	0	1	0.00	6.20	0
COL12595	COL12516	8.47	5 1-	4ACSR	0	0	377	134	37	5	4	0.03	6.22	0
COL12594	COL12595	8.56	5 1-	4ACSR	0	0	373	133	37	5	4	0.02	6.24	0
COL12599	COL12594	8.62	4 1-	4ACSR	0	0	370	133	32	4	3	0.01	6.25	0
COL12596	COL12599	8.69	2 1-	4ACSR	0	0	366	133	14	1	1	0.01	6.26	0
COL12598	COL12596	8.91	2 1-	4ACSR	0	0	355	131	14	1	1	0.02	6.28	0
COL12597	COL12598	9.01	2 1-	4ACSR	0	0	351	130	14	1	1	0.01	6.29	0
COL17075	COL12597	9.21	2 1-	4ACSR	0	0	342	129	14	1	1	0.01	6.29	0
COL12533	COL12594	8.77	0 1-	4ACSR	0	0	362	132	0	0	0	0.00	6.24	0
COL17074	COL12514	7.81	2 1-	4ACSR	0	0	415	139	4	0	0	0.00	5.91	0
COL13080	COL17074	7.97	2 1-	4ACSR	0	0	406	138	4	0	0	0.00	5.91	0
COL12954	COL13080	8.10	1 1-	4ACSR	0	0	398	137	3	0	0	0.00	5.91	0
COL17073	COL12513	7.63	2 1-	4ACSR	0	0	427	140	3	0	0	0.00	5.82	0
COL17066	COL17068	7.23	23 1-	4ACSR	0	0	454	143	109	15	11	0.13	5.65	24
OC-2102486065	COL17066	7.23	22 1-	20 N FUSE	0	0	454	143	103	14	72	0.00	5.65	0
COL12551	OC-2102486065	7.29	1 1-	2ACSR	0	0	451	143	0	0	0	0.00	5.65	0
COL12600	OC-2102486065	7.33	21 1-	4ACSR	0	0	447	142	102	14	10	0.07	5.71	11
COL12603	COL12600	7.41	21 1-	4ACSR	0	0	442	142	102	14	10	0.05	5.76	8
COL12602	COL12603	7.43	20 1-	4ACSR	0	0	440	142	96	13	10	0.01	5.77	0
COL12601	COL12602	7.52	20 1-	4ACSR	0	0	434	141	96	13	10	0.05	5.82	8
COL12668	COL12601	7.71	12 1-	4ACSR	0	0	421	140	58	8	6	0.07	5.90	7
OC-762001619	COL12668	7.71	12 1-	20 N FUSE	0	0	421	140	58	8	41	0.00	5.90	0
COL12670	OC-762001619	7.84	12 1-	4ACSR	0	0	413	139	58	8	6	0.04	5.94	4
COL12669	COL12670	7.95	11 1-	4ACSR	0	0	407	138	54	7	5	0.04	5.98	3
COL12550	COL12669	8.01	2 1-	2ACSR	0	0	404	137	9	1	1	0.00	5.98	0
CO-1996308526	COL12550	8.05	1 1-	2ACSR	0	0	402	137	0	0	0	0.00	5.98	0
COL12671	COL12669	8.14	9 1-	4ACSR	0	0	396	136	45	6	5	0.05	6.03	4
OC1942811558	COL12671	8.14	8 1-	20 N FUSE	0	0	396	136	38	5	27	0.00	6.03	0
COL12673	OC1942811558	8.34	8 1-	4ACSR	0	0	384	135	38	5	4	0.05	6.08	3
COL12672	COL12673	8.50	8 1-	4ACSR	0	0	376	134	38	5	4	0.04	6.12	2
COL12606	COL12672	8.59	5 1-	4ACSR	0	0	371	133	33	4	3	0.02	6.13	0
COL12605	COL12606	8.70	5 1-	4ACSR	0	0	366	132	33	4	3	0.02	6.16	0
COL12652	COL12605	8.81	2 1-	4ACSR	0	0	360	132	13	1	1	0.01	6.17	0
COL12651	COL12652	8.85	1 1-	4ACSR	0	0	358	131	9	1	1	0.00	6.17	0
COL12607	COL12605	8.88	3 1-	4ACSR	0	0	357	131	20	2	2	0.02	6.18	0
COL12609	COL12607	9.00	3 1-	4ACSR	0	0	351	130	20	2	2	0.02	6.20	0
COL12608	COL12609	9.08	3 1-	4ACSR	0	0	347	130	20	2	2	0.01	6.21	0
COL12674	COL12608	9.32	2 1-	4ACSR	0	0	337	128	18	2	2	0.03	6.23	0
COL12610	COL12674	9.38	2 1-	4ACSR	0	0	334	128	18	2	2	0.01	6.24	0
COL12656	COL12610	9.48	2 1-	4ACSR	0	0	330	127	18	2	2	0.01	6.25	0
COL12677	COL12656	9.59	1 1-	4ACSR	0	0	326	127	7	0	1	0.00	6.25	0
COL12653	COL12608	9.10	1 1-	4ACSR	0	0	347	130	2	0	0	0.00	6.21	0
COL12676	COL12653	9.13	0 1-	4ACSR	0	0	345	130	0	0	0	0.00	6.21	0
COL12675	COL12672	8.75	3 1-	4ACSR	0	0	363	132	5	0	1	0.01	6.12	0
COL12611	COL12675	8.82	1 1-	4ACSR	0	0	360	132	2	0	0	0.00	6.12	0
COL12534	COL12611	8.94	1 1-	4ACSR	0	0	354	131	2	0	0	0.00	6.12	0
COL12613	COL12611	9.05	0 1-	4ACSR	0	0	349	130	0	0	0	0.00	6.12	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12612	CO12613	9.59	0 1-	4ACSR	0	0	326	127	0	0	0	0.00	6.12	0
CO12604	CO12601	7.63	8 1-	4ACSR	0	0	426	140	38	5	4	0.03	5.85	0
CO389472522	CO12604	7.66	7 1-	2ACSR	0	0	425	140	32	4	2	0.00	5.85	0
CO1891483247	CO389472522	7.69	0 1-	2ACSR	0	0	423	140	0	0	0	0.00	5.85	0
CO1233779298	CO389472522	7.71	7 1-	2ACSR	0	0	422	140	32	4	2	0.01	5.86	0
CO13146	CO1233779298	7.79	7 1-	4ACSR	0	0	417	139	32	4	3	0.02	5.88	0
CO13062	CO13146	8.01	7 1-	4ACSR	0	0	404	137	32	4	3	0.04	5.92	0
CO12942	CO13062	8.18	3 1-	4ACSR	0	0	394	136	24	3	2	0.03	5.94	0
CO12975	CO12942	8.23	1 1-	4ACSR	0	0	391	136	12	1	1	0.00	5.95	0
CO13089	CO12942	8.27	2 1-	4ACSR	0	0	389	136	12	1	1	0.00	5.95	0
CO13090	CO13089	8.36	1 1-	4ACSR	0	0	384	135	1	0	0	0.00	5.95	0
CO12976	CO13062	8.09	3 1-	4ACSR	0	0	399	137	4	0	0	0.00	5.92	0
RG1260263416	CO17066	7.23	0 1-	0	0	0	454	143	0	0	0	-5.65	0.00	0
CO17065	CO17068	7.11	2 1-	4ACSR	0	0	463	144	10	1	1	0.00	5.51	0
OC-2087731482	CO17065	7.11	1 1-	20 N FUSE	0	0	463	144	3	0	2	0.00	5.51	0
CO12646	OC-2087731482	7.20	1 1-	4ACSR	0	0	457	144	3	0	0	0.00	5.52	0
CO12647	CO12646	7.35	1 1-	4ACSR	0	0	446	142	3	0	0	0.00	5.52	0
CO13061	CO17068	7.08	46 3-	1/0ACSR	582	551	467	145	205	9	4	0.01	5.52	2
CO13060	CO13061	7.14	44 3-	1/0ACSR	578	548	464	144	190	8	4	0.01	5.53	3
CO12974	CO13060	7.17	2 1-	4ACSR	0	0	461	144	8	1	1	0.00	5.53	0
CO13018	CO13060	7.21	42 3-	1/0ACSR	574	544	460	144	182	8	4	0.01	5.54	3
CO13019	CO13018	7.26	41 3-	1/0ACSR	572	542	458	144	178	8	4	0.01	5.55	0
CO13139	CO13019	7.27	14 1-	4ACSR	0	0	457	144	51	7	5	0.00	5.55	0
OC367	CO13139	7.27	14 1-	10 N FUSE	0	0	457	144	51	7	71	0.00	5.55	0
CO13140	OC367	7.32	14 1-	4ACSR	0	0	454	143	51	7	5	0.01	5.56	0
CO13017	CO13140	7.38	13 1-	4ACSR	0	0	450	143	41	5	4	0.01	5.58	0
CO12956	CO13017	7.48	2 1-	4ACSR	0	0	442	142	7	0	1	0.00	5.58	0
CO12935	CO13017	7.48	9 1-	4ACSR	0	0	442	142	32	4	3	0.02	5.60	0
CO12936	CO12935	7.61	6 1-	4ACSR	0	0	433	141	24	3	2	0.02	5.62	0
CO13132	CO12936	7.81	2 1-	4ACSR	0	0	420	140	9	1	1	0.01	5.63	0
CO13131	CO13132	7.98	2 1-	4ACSR	0	0	410	138	9	1	1	0.01	5.64	0
CO13133	CO13131	8.16	2 1-	4ACSR	0	0	399	137	9	1	1	0.01	5.65	0
CO13134	CO13133	8.40	1 1-	4ACSR	0	0	385	135	3	0	0	0.00	5.65	0
CO13119	CO12936	7.70	4 1-	4ACSR	0	0	427	140	15	2	1	0.01	5.62	0
CO13120	CO13119	7.74	1 1-	4ACSR	0	0	425	140	10	1	1	0.00	5.63	0
CO13020	CO13120	7.77	1 1-	4ACSR	0	0	423	140	10	1	1	0.00	5.63	0
CO13081	CO12935	7.54	2 1-	4ACSR	0	0	438	142	4	0	0	0.00	5.60	0
CO13082	CO13081	7.63	1 1-	4ACSR	0	0	432	141	4	0	0	0.00	5.60	0
CO13015	CO13019	7.29	26 1-	4ACSR	0	0	456	144	121	16	12	0.02	5.57	4
OC-1613202408	CO13015	7.29	25 1-	20 N FUSE	0	0	456	144	112	15	79	0.00	5.57	0
CO13016	OC-1613202408	7.31	25 1-	4ACSR	0	0	454	143	112	15	11	0.01	5.58	3
CO13118	CO13016	7.33	23 1-	4ACSR	0	0	453	143	108	15	11	0.01	5.59	0
CO13117	CO13118	7.38	23 1-	4ACSR	0	0	450	143	108	15	11	0.03	5.62	6
CO13116	CO13117	7.40	21 1-	4ACSR	0	0	447	143	99	13	10	0.02	5.64	3
CO13115	CO13116	7.46	21 1-	4ACSR	0	0	443	142	99	13	10	0.04	5.68	6
CO13013	CO13115	7.55	17 1-	4ACSR	0	0	437	142	72	10	7	0.04	5.72	5
CO13014	CO13013	7.65	17 1-	4ACSR	0	0	431	141	72	10	7	0.04	5.76	5
CO12960	CO13014	7.69	1 1-	4ACSR	0	0	428	141	5	0	1	0.00	5.76	0
CO13053	CO13014	7.92	16 1-	4ACSR	0	0	413	139	67	9	7	0.12	5.88	13
CO13054	CO13053	8.09	16 1-	2ACSR	0	0	405	138	67	9	5	0.05	5.93	5
CO-294656787	CO13054	8.18	1 1-	2ACSR	0	0	401	137	0	0	0	0.00	5.93	0
CO1731411902	CO13054	8.27	15 1-	2ACSR	0	0	397	137	67	9	5	0.05	5.98	6

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12933	CO1731411902	8.46	14 1-	4ACSR	0	0	386	136	65	9	7	0.08	6.06	9
CO13109	CO12933	8.64	8 1-	4ACSR	0	0	376	134	29	4	3	0.03	6.09	0
CO13107	CO13109	8.80	3 1-	2ACSR	0	0	370	134	0	0	0	0.00	6.09	0
CO-1704988279	CO13107	8.82	0 1-	2ACSR	0	0	369	133	0	0	0	0.00	6.09	0
CO1167701816	CO-1704988279	8.85	0 1-	2ACSR	0	0	368	133	0	0	0	0.00	6.09	0
CO-648436079	CO13107	8.83	2 1-	2ACSR	0	0	369	133	0	0	0	0.00	6.09	0
CO1539917502	CO-648436079	8.86	2 1-	2ACSR	0	0	368	133	0	0	0	0.00	6.09	0
CO-1944702631	CO-648436079	8.89	0 1-	2ACSR	0	0	366	133	0	0	0	0.00	6.09	0
CO301998963	CO13107	8.84	1 1-	2ACSR	0	0	368	133	0	0	0	0.00	6.09	0
CO13110	CO13109	8.87	4 1-	4ACSR	0	0	365	133	21	2	2	0.02	6.11	0
CO12999	CO13110	9.16	2 1-	4ACSR	0	0	351	131	13	1	1	0.03	6.14	0
CO12937	CO12999	9.27	2 1-	4ACSR	0	0	346	130	13	1	1	0.01	6.15	0
CO12964	CO12937	9.36	1 1-	4ACSR	0	0	342	129	0	0	0	0.00	6.15	0
CO12963	CO12937	9.34	1 1-	4ACSR	0	0	343	130	13	1	1	0.00	6.15	0
CO12962	CO12999	9.50	0 1-	4ACSR	0	0	336	129	0	0	0	0.00	6.14	0
CO12934	CO12933	8.79	5 1-	4ACSR	0	0	369	133	25	3	3	0.05	6.11	2
CO12966	CO12934	8.93	1 1-	4ACSR	0	0	362	132	4	0	0	0.00	6.11	0
CO13056	CO12934	8.81	2 1-	4ACSR	0	0	368	133	3	0	0	0.00	6.11	0
CO13055	CO13056	9.16	2 1-	4ACSR	0	0	351	131	3	0	0	0.00	6.12	0
CO17256	CO13055	9.44	1 1-	4ACSR	0	0	339	129	0	0	0	0.00	6.12	0
CO15097	CO17256	9.53	0 1-	4ACSR	0	0	335	128	0	0	0	0.00	6.12	0
CO13010	CO12934	8.88	2 1-	4ACSR	0	0	364	133	18	2	2	0.01	6.12	0
CO1230961170	CO13010	8.92	1 1-	2ACSR	0	0	363	132	4	0	0	0.00	6.12	0
CO-1277480587	CO1230961170	8.94	0 1-	2ACSR	0	0	362	132	0	0	0	0.00	6.12	0
CO-476803983	CO1230961170	8.95	1 1-	2ACSR	0	0	362	132	4	0	0	0.00	6.12	0
CO13012	CO-476803983	8.98	1 1-	4ACSR	0	0	360	132	4	0	0	0.00	6.12	0
CO13083	CO13012	9.02	0 1-	4ACSR	0	0	358	132	0	0	0	0.00	6.12	0
CO13084	CO13083	9.14	0 1-	4ACSR	0	0	353	131	0	0	0	0.00	6.12	0
CO12967	CO13012	9.05	1 1-	4ACSR	0	0	357	132	4	0	0	0.00	6.12	0
CO12965	CO12933	8.58	1 1-	4ACSR	0	0	380	135	11	1	1	0.00	6.06	0
CO12961	CO1731411902	8.40	1 1-	4ACSR	0	0	389	136	2	0	0	0.00	5.98	0
CO12957	CO13115	7.58	3 1-	4ACSR	0	0	435	141	25	3	3	0.01	5.69	0
CO12959	CO12957	7.64	1 1-	4ACSR	0	0	431	141	2	0	0	0.00	5.69	0
CO12958	CO12957	7.64	1 1-	4ACSR	0	0	431	141	9	1	1	0.00	5.69	0
CO12530	CO12586	6.26	2 1-	4ACSR	0	0	510	148	11	1	1	0.00	5.22	0
OC-757049892	CO12530	6.26	0 1-	20 N FUSE	0	0	510	148	0	0	0	0.00	5.22	0
CO12582	CO12580	5.55	3 1-	4ACSR	0	0	559	151	14	1	1	0.00	4.98	0
OC1573540888	CO12582	5.55	2 1-	20 N FUSE	0	0	559	151	13	1	9	0.00	4.98	0
CO12581	OC1573540888	5.62	2 1-	4ACSR	0	0	552	150	13	1	1	0.01	4.98	0
CO12583	CO12581	5.94	1 1-	4ACSR	0	0	519	148	12	1	1	0.01	4.99	0
CO12510	CO12557	5.27	81 3-	2ACSR	703	666	580	152	354	16	9	0.05	4.88	30
CO12511	CO12510	5.44	81 3-	2ACSR	686	651	564	151	354	16	9	0.07	4.95	42
CO12643	CO12511	5.49	5 1-	4ACSR	0	0	558	150	22	3	2	0.01	4.96	0
OC-1179359716	CO12643	5.49	4 1-	20 N FUSE	0	0	558	150	16	2	11	0.00	4.96	0
CO12645	OC-1179359716	5.56	4 1-	4ACSR	0	0	550	150	16	2	2	0.01	4.97	0
CO12644	CO12645	5.64	2 1-	4ACSR	0	0	543	149	15	2	2	0.00	4.97	0
CO12517	CO12511	5.51	75 3-	2ACSR	679	644	558	151	329	15	9	0.03	4.98	16
CO-830036226	CO12517	5.54	2 1-	2ACSR	0	0	555	150	15	2	1	0.00	4.98	0
OC-142616561	CO-830036226	5.54	0 1-	20 N FUSE	0	0	555	150	0	0	0	0.00	4.98	0
CO12523	CO12517	5.58	0 1-	4ACSR	0	0	550	150	0	0	0	0.00	4.98	0
OC-1789565953	CO12523	5.58	0 1-	20 N FUSE	0	0	550	150	0	0	0	0.00	4.98	0
CO12684	CO12517	5.52	73 3-	2ACSR	678	644	557	150	314	14	8	0.00	4.98	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC356	CO12684	5.52	73 3-	70 L OCR	678	644	557	150	314	14	21	0.00	4.98	0
CO12685	OC356	5.67	73 3-	2ACSR	664	631	544	150	314	14	8	0.06	5.04	29
CO12565	CO12685	5.77	72 3-	2ACSR	655	622	536	149	310	14	8	0.04	5.08	19
CO12564	CO12565	5.88	72 3-	2ACSR	645	613	527	148	310	14	8	0.04	5.12	21
CO12524	CO12564	5.93	1 1-	4ACSR	0	0	522	148	0	0	0	0.00	5.12	0
OC-1255196449	CO12524	5.93	0 1-	20 N FUSE	0	0	522	148	0	0	0	0.00	5.12	0
CO12567	CO12564	5.92	70 3-	2ACSR	642	610	524	148	298	13	8	0.01	5.13	7
CO12566	CO12567	6.02	69 3-	2ACSR	634	603	517	148	295	13	8	0.03	5.17	16
OC-1164588784	CO12566	6.02	66 3-	20 N FUSE	634	603	517	148	279	13	65	0.00	5.17	0
CO12571	OC-1164588784	6.11	66 3-	2ACSR	626	595	509	147	279	13	7	0.03	5.20	15
CO12568	CO12571	6.23	66 3-	2ACSR	616	586	500	146	279	13	7	0.04	5.24	18
CO12570	CO12568	6.40	65 3-	2ACSR	603	574	489	145	272	12	7	0.06	5.30	25
CO12569	CO12570	6.49	65 3-	2ACSR	597	568	483	145	272	12	7	0.03	5.32	12
CO12686	CO12569	6.49	4 1-	4ACSR	0	0	483	145	25	3	2	0.00	5.32	0
OC351	CO12686	6.49	4 1-	10 N FUSE	0	0	483	145	25	3	34	0.00	5.32	0
CO12687	OC351	6.56	4 1-	4ACSR	0	0	477	144	25	3	2	0.01	5.33	0
CO12543	CO12687	6.60	1 1-	2ACSR	0	0	475	144	7	0	1	0.00	5.33	0
CO12542	CO12687	6.59	1 1-	2ACSR	0	0	475	144	0	0	0	0.00	5.33	0
CO12579	CO12687	6.59	2 1-	4ACSR	0	0	475	144	18	2	2	0.00	5.34	0
CO12578	CO12579	6.87	2 1-	4ACSR	0	0	453	142	18	2	2	0.03	5.37	0
CO12549	CO12578	6.93	1 1-	2ACSR	0	0	450	142	1	0	0	0.00	5.37	0
CO12577	CO12578	6.98	1 1-	4ACSR	0	0	445	141	17	2	2	0.01	5.38	0
CO12527	CO12569	6.56	1 1-	4ACSR	0	0	477	144	0	0	0	0.00	5.32	0
OC946580761	CO12527	6.56	0 1-	20 N FUSE	0	0	477	144	0	0	0	0.00	5.32	0
CO12573	CO12569	6.64	60 3-	2ACSR	586	558	473	144	247	11	6	0.04	5.37	18
CO12572	CO12573	6.77	60 3-	2ACSR	576	549	465	143	247	11	6	0.04	5.41	16
CO12528	CO12572	6.93	1 1-	4ACSR	0	0	453	142	0	0	0	0.00	5.41	0
OC1231073616	CO12528	6.93	0 1-	20 N FUSE	0	0	453	142	0	0	0	0.00	5.41	0
CO12574	CO12572	6.85	59 3-	2ACSR	571	544	460	143	247	11	6	0.02	5.43	10
CO12576	CO12574	6.89	59 3-	2ACSR	568	541	458	143	247	11	6	0.01	5.44	5
CO12575	CO12576	6.94	59 3-	2ACSR	565	539	455	142	247	11	6	0.01	5.46	5
CO17072	CO12575	7.13	57 3-	2ACSR	552	527	444	141	241	11	6	0.06	5.51	22
CO12883	CO17072	7.21	0 1-	4ACSR	0	0	438	141	0	0	0	0.00	5.51	0
OC231723694	CO12883	7.21	0 1-	20 N FUSE	0	0	438	141	0	0	0	0.00	5.51	0
CO12882	OC231723694	7.23	0 1-	4ACSR	0	0	437	141	0	0	0	0.00	5.51	0
CO12782	CO17072	7.40	54 3-	2ACSR	535	511	429	140	221	10	6	0.07	5.58	26
CO12781	CO12782	7.70	54 3-	2ACSR	517	494	413	138	221	10	6	0.08	5.66	30
CO12698	CO12781	7.86	44 1-	4ACSR	0	0	404	137	161	22	16	0.16	5.82	42
CO12913	CO12698	7.86	42 1-	4ACSR	0	0	404	137	151	21	15	0.01	5.83	0
OC358	CO12913	7.86	42 1-	35 H OCR	0	0	404	137	151	21	61	0.00	5.83	0
CO12914	OC358	7.92	42 1-	4ACSR	0	0	400	137	151	21	15	0.06	5.88	14
CO12720	CO12914	8.00	1 1-	4ACSR	0	0	396	136	0	0	0	0.00	5.88	0
CO12786	CO12914	8.00	41 1-	4ACSR	0	0	396	136	151	21	15	0.07	5.96	19
CO12783	CO12786	8.07	41 1-	4ACSR	0	0	391	136	151	21	15	0.07	6.02	17
CO12785	CO12783	8.14	40 1-	4ACSR	0	0	387	135	141	19	14	0.07	6.09	16
CO12784	CO12785	8.29	40 1-	4ACSR	0	0	379	134	141	19	14	0.13	6.22	32
CO12699	CO12784	8.43	38 1-	4ACSR	0	0	372	133	131	18	13	0.11	6.33	24
CO12736	CO12699	8.46	1 1-	4ACSR	0	0	371	133	0	0	0	0.00	6.33	0
CO12778	CO12699	8.48	12 1-	4ACSR	0	0	369	133	29	4	3	0.01	6.34	0
CO12739	CO12778	8.59	0 1-	2ACSR	0	0	365	132	0	0	0	0.00	6.34	0
CO12779	CO12778	8.55	12 1-	4ACSR	0	0	366	132	29	4	3	0.01	6.36	0
CO12780	CO12779	8.74	12 1-	4ACSR	0	0	357	131	29	4	3	0.03	6.39	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17148	CO12780	8.83	11 1-	4ACSR	0	0	353	130	25	3	3	0.01	6.40	0
CO12410	CO17148	8.96	11 1-	4ACSR	0	0	347	130	25	3	3	0.02	6.42	0
CO12409	CO12410	9.10	10 1-	4ACSR	0	0	341	129	23	3	2	0.02	6.44	0
CO12346	CO12409	9.17	1 1-	4ACSR	0	0	338	128	3	0	0	0.00	6.45	0
CO12408	CO12409	9.53	9 1-	4ACSR	0	0	322	126	21	2	2	0.06	6.50	0
CO17137	CO12408	9.73	9 1-	4ACSR	0	0	315	125	21	2	2	0.03	6.53	0
CO12207	CO17137	9.86	8 1-	4ACSR	0	0	310	124	20	2	2	0.02	6.54	0
CO12297	CO12207	9.92	5 1-	4ACSR	0	0	308	124	13	1	1	0.00	6.55	0
CO12298	CO12297	10.20	5 1-	4ACSR	0	0	298	122	13	1	1	0.02	6.57	0
CO12145	CO12298	10.44	4 1-	4ACSR	0	0	290	121	12	1	1	0.02	6.59	0
CO12175	CO12145	10.53	1 1-	4ACSR	0	0	287	120	1	0	0	0.00	6.59	0
CO12219	CO12145	10.54	3 1-	4ACSR	0	0	287	120	11	1	1	0.01	6.60	0
CO12315	CO12219	10.64	3 1-	4ACSR	0	0	284	119	11	1	1	0.01	6.60	0
CO12314	CO12315	10.65	2 1-	4ACSR	0	0	284	119	10	1	1	0.00	6.60	0
CO12144	CO12314	10.85	2 1-	4ACSR	0	0	278	118	10	1	1	0.01	6.62	0
CO12271	CO12144	10.90	1 1-	4ACSR	0	0	276	118	1	0	0	0.00	6.62	0
CO12268	CO12271	10.93	1 1-	4ACSR	0	0	275	118	1	0	0	0.00	6.62	0
CO12270	CO12268	10.94	1 1-	4ACSR	0	0	275	118	1	0	0	0.00	6.62	0
CO12269	CO12270	10.97	0 1-	4ACSR	0	0	274	118	0	0	0	0.00	6.62	0
CO12218	CO12144	11.20	1 1-	4ACSR	0	0	267	116	10	1	1	0.02	6.64	0
CO12217	CO12218	11.41	1 1-	4ACSR	0	0	262	115	10	1	1	0.01	6.65	0
CO12273	CO12217	11.55	1 1-	4ACSR	0	0	258	115	10	1	1	0.01	6.66	0
CO12272	CO12273	11.78	1 1-	4ACSR	0	0	252	113	10	1	1	0.01	6.67	0
CO12174	CO12217	11.59	0 1-	4ACSR	0	0	257	114	0	0	0	0.00	6.65	0
CO12173	CO12217	11.48	0 1-	4ACSR	0	0	260	115	0	0	0	0.00	6.65	0
CO12275	CO12298	10.38	1 1-	4ACSR	0	0	292	121	1	0	0	0.00	6.57	0
CO12274	CO12275	10.53	1 1-	4ACSR	0	0	287	120	1	0	0	0.00	6.57	0
CO12296	CO12207	9.91	3 1-	2ACSR	0	0	309	124	7	0	1	0.00	6.55	0
CO12293	CO12296	9.95	3 1-	2ACSR	0	0	307	124	7	0	1	0.00	6.55	0
CO12295	CO12293	10.03	3 1-	2ACSR	0	0	305	123	7	0	1	0.00	6.55	0
CO12294	CO12295	10.10	2 1-	2ACSR	0	0	303	123	3	0	0	0.00	6.55	0
CO12176	CO17137	9.92	1 1-	4ACSR	0	0	308	124	1	0	0	0.00	6.53	0
CO12911	CO12699	8.43	25 1-	4ACSR	0	0	372	133	102	14	10	0.00	6.34	0
OC357	CO12911	8.43	25 1-	15 H OCR	0	0	372	133	102	14	96	0.00	6.34	0
CO12912	OC357	8.62	25 1-	4ACSR	0	0	363	132	102	14	10	0.12	6.46	20
CO12787	CO12912	8.64	23 1-	4ACSR	0	0	361	132	99	14	10	0.02	6.47	3
CO1852699732	CO12787	8.73	22 1-	2ACSR	0	0	358	131	89	12	7	0.03	6.51	5
CO1632010690	CO1852699732	8.77	1 1-	2ACSR	0	0	357	131	6	0	0	0.00	6.51	0
CO-59308175	CO1852699732	8.82	21 1-	2ACSR	0	0	355	131	83	11	7	0.03	6.54	4
CO12492	CO-59308175	8.83	21 1-	4ACSR	0	0	355	131	83	11	8	0.00	6.54	0
CO12388	CO12492	8.85	21 1-	4ACSR	0	0	354	131	83	11	8	0.01	6.55	0
CO12322	CO12388	9.07	20 1-	4ACSR	0	0	343	129	76	10	8	0.11	6.66	14
CO12413	CO12322	9.10	18 1-	4ACSR	0	0	342	129	74	10	7	0.01	6.67	0
CO12412	CO12413	9.18	18 1-	4ACSR	0	0	339	128	74	10	7	0.04	6.71	5
CO12349	CO12412	9.24	1 1-	4ACSR	0	0	336	128	1	0	0	0.00	6.71	0
CO12389	CO12412	9.24	17 1-	4ACSR	0	0	336	128	72	10	7	0.03	6.74	4
CO12493	CO12389	9.50	16 1-	4ACSR	0	0	325	126	68	9	7	0.10	6.84	11
CO12494	CO12493	9.58	14 1-	4ACSR	0	0	322	126	58	8	6	0.03	6.87	3
CO12323	CO12494	9.75	14 1-	4ACSR	0	0	316	125	58	8	6	0.07	6.94	6
CO12333	CO12323	9.80	9 1-	4ACSR	0	0	314	125	41	5	4	0.01	6.95	0
CO12362	CO12333	9.84	1 1-	4ACSR	0	0	312	124	5	0	0	0.00	6.95	0
CO12361	CO12333	9.89	1 1-	4ACSR	0	0	310	124	0	0	0	0.00	6.95	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12332	CO12333	9.96	7 1-	4ACSR	0	0	308	124	36	5	4	0.04	6.99	2
CO12452	CO12332	10.01	0 1-	4ACSR	0	0	306	123	0	0	0	0.00	6.99	0
CO12453	CO12452	10.16	0 1-	4ACSR	0	0	301	122	0	0	0	0.00	6.99	0
CO12416	CO12332	10.04	7 1-	4ACSR	0	0	305	123	36	5	4	0.02	7.01	0
CO-1608617526	CO12416	10.15	6 1-	2ACSR	0	0	302	123	33	4	3	0.02	7.02	0
CO1982593815	CO-1608617526	10.20	5 1-	2ACSR	0	0	301	122	23	3	2	0.00	7.03	0
CO12415	CO1982593815	10.27	5 1-	4ACSR	0	0	298	122	23	3	2	0.01	7.04	0
CO12417	CO12415	10.37	4 1-	4ACSR	0	0	295	122	13	1	1	0.01	7.05	0
CO12419	CO12417	10.48	4 1-	4ACSR	0	0	292	121	13	1	1	0.01	7.05	0
CO12418	CO12419	10.58	3 1-	4ACSR	0	0	288	120	4	0	0	0.00	7.05	0
CO12351	CO12415	10.30	1 1-	4ACSR	0	0	297	122	9	1	1	0.00	7.04	0
CO903706296	CO-1608617526	10.24	1 1-	2ACSR	0	0	300	122	11	1	1	0.00	7.03	0
CO885278505	CO903706296	10.33	1 1-	2ACSR	0	0	297	122	11	1	1	0.00	7.03	0
CO12387	CO12323	9.96	5 1-	4ACSR	0	0	308	124	17	2	2	0.02	6.96	0
CO12491	CO12387	10.14	4 1-	4ACSR	0	0	302	123	15	2	1	0.02	6.98	0
CO12489	CO12491	10.21	4 1-	4ACSR	0	0	299	122	15	2	1	0.00	6.98	0
CO12490	CO12489	10.64	2 1-	4ACSR	0	0	285	120	4	0	0	0.01	6.99	0
CO1449674717	CO12490	10.67	1 1-	2ACSR	0	0	284	120	0	0	0	0.00	6.99	0
CO12350	CO12494	9.60	0 1-	4ACSR	0	0	321	126	0	0	0	0.00	6.87	0
CO12348	CO12322	9.16	2 1-	4ACSR	0	0	339	129	2	0	0	0.00	6.66	0
CO12347	CO12388	8.94	1 1-	4ACSR	0	0	349	130	7	0	1	0.00	6.56	0
CO12889	CO12784	8.35	2 1-	4ACSR	0	0	376	134	10	1	1	0.00	6.23	0
CO12888	CO12889	8.43	1 1-	4ACSR	0	0	372	133	3	0	0	0.00	6.23	0
CO12887	CO12698	7.91	2 1-	4ACSR	0	0	401	137	10	1	1	0.00	5.82	0
CO12886	CO12887	7.94	1 1-	4ACSR	0	0	399	137	7	0	1	0.00	5.82	0
CO12789	CO12781	7.75	8 3-	2ACSR	514	492	411	138	49	2	1	0.00	5.67	0
CO12788	CO12789	8.14	7 3-	2ACSR	493	472	393	136	41	1	1	0.02	5.68	0
CO12735	CO12788	8.18	1 1-	4ACSR	0	0	391	136	4	0	0	0.00	5.68	0
CO12930	CO12788	8.26	2 3-	2ACSR	487	466	388	135	14	0	0	0.00	5.69	0
CO12932	CO12930	8.27	0 3-	750 MCM - 42 Wi	487	466	387	135	0	0	0	0.00	5.69	0
#SW944-A	CO12932	8.27	0 3-	Open	487	466	387	135	0	0	0	0.00	5.69	0
CO12734	CO12930	8.27	2 1-	4ACSR	0	0	387	135	14	1	1	0.00	5.69	0
CO12906	CO12788	8.18	2 1-	4ACSR	0	0	391	136	13	1	1	0.00	5.69	0
CO12905	CO12906	8.19	2 1-	4ACSR	0	0	390	136	13	1	1	0.00	5.69	0
CO12885	CO12781	7.81	2 1-	4ACSR	0	0	407	138	10	1	1	0.00	5.67	0
CO12884	CO12885	7.87	1 1-	4ACSR	0	0	403	137	5	0	1	0.00	5.67	0
CO12915	CO17072	7.14	2 1-	6ACWC	0	0	443	141	9	1	1	0.00	5.51	0
OC359	CO12915	7.14	2 1-	10 N FUSE	0	0	443	141	9	1	13	0.00	5.51	0
CO12916	OC359	7.33	2 1-	6ACWC	0	0	430	140	9	1	1	0.01	5.52	0
CO12704	CO12916	7.38	1 1-	6ACWC	0	0	426	139	0	0	0	0.00	5.52	0
CO12908	CO12704	7.58	0 1-	6ACWC	0	0	414	138	0	0	0	0.00	5.52	0
CO12907	CO12908	7.71	0 1-	6ACWC	0	0	406	137	0	0	0	0.00	5.52	0
CO12719	CO12704	7.58	1 1-	6ACWC	0	0	414	138	0	0	0	0.00	5.52	0
CO12737	CO12916	7.71	1 1-	6ACWC	0	0	406	137	9	1	1	0.01	5.53	0
CO12746	CO12916	7.41	0 1-	2ACSR	0	0	426	139	0	0	0	0.00	5.52	0
CO12529	CO12575	6.97	1 1-	4ACSR	0	0	452	142	0	0	0	0.00	5.46	0
OC1012291314	CO12529	6.97	0 1-	20 N FUSE	0	0	452	142	0	0	0	0.00	5.46	0
CO12526	CO12566	6.14	1 1-	4ACSR	0	0	505	146	7	1	1	0.00	5.17	0
OC-962972047	CO12526	6.14	0 1-	20 N FUSE	0	0	505	146	0	0	0	0.00	5.17	0
CO12525	CO12566	6.08	1 1-	4ACSR	0	0	511	147	0	0	0	0.00	5.17	0
OC564561736	CO12525	6.08	0 1-	20 N FUSE	0	0	511	147	0	0	0	0.00	5.17	0
CO12562	CO12566	4.52	1 1-	4ACSR	0	0	657	156	1	0	0	0.00	4.10	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-910586664	CO12562	4.52	0 1-	20 N FUSE	0	0	657	156	0	0	0	0.00	4.10	0
CO12561	OC-910586664	4.54	0 1-	4ACSR	0	0	653	156	0	0	0	0.00	4.10	0
CO12563	CO12561	4.75	0 1-	4ACSR	0	0	624	154	0	0	0	0.00	4.10	0
CO12155	CO12158	3.64	0 1-	6ACWC	0	0	779	162	0	0	0	0.00	3.21	0
CO12312	CO12155	3.64	0 1-	6ACWC	0	0	778	162	0	0	0	0.00	3.21	0
SW344-B	CO12312	3.64	0 1-	Closed	0	0	778	162	0	0	0	0.00	3.21	0
SW344-A	SW344-B	3.64	0 1-	Closed	0	0	778	162	0	0	0	0.00	3.21	0
CO12313	SW344-A	3.80	0 1-	6ACWC	0	0	748	161	0	0	0	0.00	3.21	0
CO12303	CO12313	3.94	0 1-	6ACWC	0	0	724	159	0	0	0	0.00	3.21	0
CO12222	CO12303	4.02	0 1-	6ACWC	0	0	711	159	0	0	0	0.00	3.21	0
CO12307	CO12222	4.16	0 1-	4ACSR	0	0	688	157	0	0	0	0.00	3.21	0
CO12224	CO12222	4.14	0 1-	6ACWC	0	0	691	158	0	0	0	0.00	3.21	0
CO12223	CO12224	4.23	0 1-	6ACWC	0	0	677	157	0	0	0	0.00	3.21	0
CO12306	CO12223	4.56	0 1-	6ACWC	0	0	629	154	0	0	0	0.00	3.21	0
CO12304	CO12306	4.71	0 1-	6ACWC	0	0	610	152	0	0	0	0.00	3.21	0
CO12226	CO12304	4.90	0 1-	6ACWC	0	0	586	151	0	0	0	0.00	3.21	0
CO12228	CO12226	5.06	0 1-	6ACWC	0	0	567	149	0	0	0	0.00	3.21	0
CO12227	CO12228	5.13	0 1-	6ACWC	0	0	559	149	0	0	0	0.00	3.21	0
CO12225	CO12304	4.75	0 1-	6ACWC	0	0	604	152	0	0	0	0.00	3.21	0
CO12305	CO12225	5.08	0 1-	6ACWC	0	0	564	149	0	0	0	0.00	3.21	0
CO12302	CO12313	3.89	0 1-	4ACSR	0	0	733	160	0	0	0	0.00	3.21	0
CO12278	CO12302	3.96	0 1-	4ACSR	0	0	721	159	0	0	0	0.00	3.21	0
CO12288	CO12247	3.51	2 1-	4ACSR	0	0	798	163	17	2	2	0.01	3.06	0
OC236816406	CO12288	3.51	2 1-	20 N FUSE	0	0	798	163	17	2	12	0.00	3.06	0
CO12287	OC236816406	3.56	2 1-	4ACSR	0	0	789	163	17	2	2	0.00	3.06	0
CO12193	CO12160	2.46	0 1-	4ACSR	0	0	1015	171	0	0	0	0.00	1.92	0
CO12194	CO12157	2.55	1 1-	4ACSR	0	0	985	169	1	0	0	0.00	1.73	0
OC1717897217	CO12194	2.55	0 1-	20 N FUSE	0	0	985	169	0	0	0	0.00	1.73	0
CO12195+	CO12161	2.00	0 1-	4ACSR	0	0	3116	338	0	0	0	0.00	0.58	0
CO5653+	CO5572	1.05	5 1-	4ACSR	0	0	4959	348	18	1	1	0.00	0.41	0
CO5654+	CO5653	1.18	4 1-	4ACSR	0	0	4456	346	17	1	1	0.00	0.41	0
CO5574+	CO5654	1.25	3 1-	4ACSR	0	0	4224	344	16	1	1	0.00	0.41	0
CO5531+	CO5574	1.32	3 1-	4ACSR	0	0	4032	343	16	1	1	0.00	0.41	0
CO5530+	CO5574	1.34	0 1-	4ACSR	0	0	3959	342	0	0	0	0.00	0.41	0
CO5710+	CO5572	1.00	226 3-	1/0ACSR	6066	5714	5166	350	1117	25	11	0.00	0.41	2
OC167+	CO5710	1.00	226 3-	70 E OCR	6066	5714	5166	350	1117	25	36	0.00	0.41	0
CO5711+	OC167	1.04	226 3-	1/0ACSR	5938	5593	5033	349	1117	25	11	0.01	0.42	16
CO5720+	CO5711	1.14	226 3-	1/0ACSR	5677	5345	4766	348	1117	25	11	0.02	0.44	35
CO5721+	CO5720	1.15	225 3-	1/0ACSR	5653	5322	4741	348	1117	25	11	0.00	0.44	3
CO5558+	CO5721	1.18	0 1-	2ACSR	0	0	4668	348	0	0	0	0.00	0.44	0
CO5643+	CO5721	1.31	225 3-	1/0ACSR	5281	4970	4371	347	1117	25	11	0.03	0.47	56
CO5644+	CO5643	1.35	225 3-	1/0ACSR	5194	4888	4286	346	1117	25	11	0.01	0.48	14
CO5532+	CO5644	1.39	1 1-	4ACSR	0	0	4159	345	4	0	0	0.00	0.48	0
CO5502+	CO5644	1.52	224 3-	1/0ACSR	4847	4562	3953	345	1112	25	11	0.04	0.52	61
CO5533+	CO5502	1.69	2 1-	4ACSR	0	0	3543	341	13	0	1	0.00	0.52	0
OC1195209938+	CO5533	1.69	0 1-	20 N FUSE	0	0	3543	341	0	0	0	0.00	0.52	0
CO5503+	CO5502	1.69	222 3-	1/0ACSR	4539	4274	3665	343	1099	24	11	0.04	0.55	60
CO17275+	CO5503	1.77	11 1-	2ACSR	0	0	3517	342	45	3	2	0.00	0.56	0
CO12309+	CO17275	1.78	11 1-	4ACSR	0	0	3503	342	45	3	2	0.00	0.56	0
OC342+	CO12309	1.78	11 1-	35 E OCR	0	0	3503	342	45	3	9	0.00	0.56	0
CO12308+	OC342	1.80	11 1-	4ACSR	0	0	3448	341	45	3	2	0.00	0.56	0
CO12234+	CO12308	1.86	11 1-	4ACSR	0	0	3328	340	45	3	2	0.00	0.56	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12235+	CO12234	1.93	9 1-	4ACSR	0	0	3214	338	40	2	2	0.00	0.57	0
CO12236+	CO12235	1.99	9 1-	4ACSR	0	0	3103	337	40	2	2	0.00	0.57	0
CO12233+	CO12236	2.16	9 1-	4ACSR	0	0	2835	334	40	2	2	0.01	0.58	0
CO12239+	CO12233	2.23	9 1-	4ACSR	0	0	2732	332	40	2	2	0.00	0.59	0
CO12238+	CO12239	2.31	9 1-	4ACSR	0	0	2620	331	40	2	2	0.00	0.59	0
CO12237+	CO12238	2.41	7 1-	4ACSR	0	0	2504	329	36	2	2	0.01	0.60	0
CO12184+	CO12237	2.46	1 1-	4ACSR	0	0	2449	328	10	0	0	0.00	0.60	0
CO12240+	CO12237	2.60	6 1-	4ACSR	0	0	2300	325	27	1	1	0.01	0.60	0
CO12241+	CO12240	2.71	6 1-	4ACSR	0	0	2192	323	27	1	1	0.00	0.61	0
OC1414459057+	CO12241	2.71	6 1-	20 N FUSE	0	0	2192	323	27	1	9	0.00	0.61	0
CO12187+	OC1414459057	2.76	0 1-	4ACSR	0	0	2146	322	0	0	0	0.00	0.61	0
CO12153+	OC1414459057	3.04	6 1-	4ACSR	0	0	1932	317	27	1	1	0.01	0.62	0
CO12152+	CO12153	3.27	2 1-	4ACSR	0	0	1777	313	3	0	0	0.00	0.62	0
CO12282+	CO12152	3.34	0 1-	4ACSR	0	0	1732	311	0	0	0	0.00	0.62	0
CO12281+	CO12282	3.43	0 1-	4ACSR	0	0	1683	310	0	0	0	0.00	0.62	0
CO12151+	CO12152	3.38	2 1-	4ACSR	0	0	1712	311	3	0	0	0.00	0.62	0
CO12243+	CO12151	3.58	1 1-	4ACSR	0	0	1606	307	3	0	0	0.00	0.62	0
OC-672314428+	CO12243	3.58	1 1-	20 N FUSE	0	0	1606	307	3	0	1	0.00	0.62	0
CO12242+	OC-672314428	3.81	1 1-	4ACSR	0	0	1497	303	3	0	0	0.00	0.62	0
CO12186+	CO12151	3.46	1 1-	4ACSR	0	0	1668	309	0	0	0	0.00	0.62	0
CO12284+	CO12153	3.15	4 1-	4ACSR	0	0	1851	315	24	1	1	0.00	0.62	0
CO12283+	CO12284	3.19	2 1-	4ACSR	0	0	1828	314	10	0	0	0.00	0.63	0
CO12185+	CO12238	2.41	1 1-	4ACSR	0	0	2504	329	0	0	0	0.00	0.59	0
CO5642+	CO5503	1.72	211 3-	1/0ACSR	4485	4223	3616	343	1053	23	10	0.01	0.56	10
CO17274+	CO5642	1.92	210 3-	1/0ACSR	4177	3935	3335	341	1051	23	10	0.04	0.60	64
CO17273+	CO17274	2.09	1 1-	4ACSR	0	0	3029	337	9	0	0	0.00	0.60	0
CO12154+	CO17274	2.16	208 3-	1/0ACSR	3862	3641	3054	338	1031	23	10	0.05	0.65	73
CO12246+	CO12154	2.33	208 3-	1/0ACSR	3657	3450	2875	337	1031	23	10	0.03	0.68	54
CO12245+	CO12246	2.38	207 3-	1/0ACSR	3610	3406	2834	336	1025	23	10	0.01	0.69	13
CO12244+	CO12245	2.41	190 3-	1/0ACSR	3578	3376	2806	336	942	21	9	0.01	0.70	8
CO17135+	CO12244	2.47	189 3-	1/0ACSR	3516	3319	2753	335	937	21	9	0.01	0.71	15
CO12615+	CO17135	2.56	187 3-	1/0ACSR	3424	3233	2674	335	919	20	9	0.02	0.72	22
CO12614+	CO12615	2.68	186 3-	1/0ACSR	3313	3128	2579	333	909	20	9	0.02	0.74	28
CO12535+	CO12614	2.70	1 1-	4ACSR	0	0	2548	333	2	0	0	0.00	0.74	0
CO12617+	CO12614	2.75	185 3-	1/0ACSR	3245	3065	2521	333	906	20	9	0.01	0.76	18
CO12616+	CO12617	2.87	183 3-	1/0ACSR	3147	2974	2438	332	903	20	9	0.02	0.78	27
CO12553+	CO12616	2.94	2 1-	2ACSR	0	0	2380	331	4	0	0	0.00	0.78	0
CO12518+	CO12616	2.98	181 3-	1/0ACSR	3054	2887	2361	331	899	20	9	0.02	0.80	27
CO12619+	CO12518	3.07	177 3-	1/0ACSR	2987	2825	2305	330	887	19	9	0.01	0.81	20
OC-1629296859+	CO12619	3.07	176 3-	20 N FUSE	2987	2825	2305	330	878	19	99	0.00	0.81	0
CO12618+	OC-1629296859	3.15	176 3-	1/0ACSR	2928	2769	2255	329	878	19	9	0.01	0.83	18
CO12537+	CO12618	3.20	0 1-	4ACSR	0	0	2211	328	0	0	0	0.00	0.83	0
CO12520+	CO12618	3.19	176 3-	1/0ACSR	2899	2742	2232	329	878	19	9	0.01	0.83	9
CO12680+	CO12520	3.20	11 1-	4ACSR	0	0	2226	329	43	2	2	0.00	0.83	0
OC350+	CO12680	3.20	11 1-	10 N FUSE	0	0	2226	329	43	2	29	0.00	0.83	0
CO12681+	OC350	3.37	11 1-	4ACSR	0	0	2084	325	43	2	2	0.01	0.84	0
CO12640+	CO12681	3.58	10 1-	4ACSR	0	0	1928	321	42	2	2	0.01	0.86	0
CO12638+	CO12640	3.62	8 1-	4ACSR	0	0	1900	320	37	2	2	0.00	0.86	0
CO12639+	CO12638	3.72	7 1-	4ACSR	0	0	1835	318	32	2	2	0.00	0.86	0
CO6064+	CO12639	4.08	4 1-	4ACSR	0	0	1637	312	10	0	0	0.01	0.87	0
CO6065+	CO6064	4.20	3 1-	4ACSR	0	0	1576	310	10	0	0	0.00	0.87	0
CO6066+	CO6065	4.46	2 1-	4ACSR	0	0	1462	305	7	0	0	0.00	0.87	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6067+	CO6066	4.52	1 1-	4ACSR	0	0	1439	304	0	0	0	0.00	0.87	0
CO12634+	CO12639	3.88	3 1-	4ACSR	0	0	1740	315	22	1	1	0.01	0.87	0
CO12633+	CO12634	3.92	3 1-	4ACSR	0	0	1721	315	22	1	1	0.00	0.87	0
CO12538+	CO12633	3.96	0 1-	4ACSR	0	0	1696	314	0	0	0	0.00	0.87	0
CO12663+	CO12633	3.97	3 1-	4ACSR	0	0	1692	314	22	1	1	0.00	0.87	0
CO12662+	CO12663	4.11	2 1-	4ACSR	0	0	1619	311	20	1	1	0.00	0.88	0
CO12539+	CO12662	4.21	1 1-	4ACSR	0	0	1573	310	5	0	0	0.00	0.88	0
CO12554+	CO12662	4.18	1 1-	4ACSR	0	0	1587	310	15	0	1	0.00	0.88	0
CO12621+	CO12520	3.30	165 3-	1/0ACSR	2824	2672	2170	328	835	18	8	0.02	0.85	22
CO12620+	CO12621	3.42	165 3-	1/0ACSR	2746	2599	2106	327	835	18	8	0.02	0.87	24
CO12655+	CO12620	3.43	1 1-	4ACSR	0	0	2098	326	1	0	0	0.00	0.87	0
OC708542645+	CO12655	3.43	1 1-	20 N FUSE	0	0	2098	326	1	0	0	0.00	0.87	0
CO12654+	OC708542645	3.54	1 1-	4ACSR	0	0	2017	324	1	0	0	0.00	0.87	0
CO12622+	CO12620	3.51	164 3-	1/0ACSR	2690	2546	2059	326	833	18	8	0.01	0.88	18
CO12624+	CO12622	3.55	164 3-	1/0ACSR	2667	2525	2041	325	833	18	8	0.01	0.89	8
CO12623+	CO12624	3.68	164 3-	1/0ACSR	2591	2453	1978	324	833	18	8	0.02	0.91	27
CO12690+	CO12623	3.79	2 1-	4ACSR	0	0	1904	322	19	1	1	0.00	0.91	0
OC-1154435147+	CO12690	3.79	0 1-	20 N FUSE	0	0	1904	322	0	0	0	0.00	0.91	0
CO12665+	CO12623	3.72	162 3-	1/0ACSR	2566	2430	1958	324	814	18	8	0.01	0.92	9
CO12664+	CO12665	3.74	162 3-	1/0ACSR	2554	2419	1949	324	814	18	8	0.00	0.92	4
CO12660+	CO12664	3.80	3 1-	2ACSR	0	0	1918	323	8	0	0	0.00	0.92	0
OC-1536087156+	CO12660	3.80	2 1-	20 N FUSE	0	0	1918	323	8	0	3	0.00	0.92	0
CO12548+	OC-1536087156	3.86	1 1-	2ACSR	0	0	1886	322	8	0	0	0.00	0.92	0
CO12659+	OC-1536087156	3.88	1 1-	2ACSR	0	0	1877	322	0	0	0	0.00	0.92	0
CO12661+	CO12659	4.04	0 1-	2ACSR	0	0	1799	320	0	0	0	0.00	0.92	0
CO12667+	CO12664	3.88	159 3-	1/0ACSR	2483	2353	1891	322	806	18	8	0.02	0.94	25
CO12666+	CO12667	3.95	159 3-	1/0ACSR	2448	2320	1863	322	806	18	8	0.01	0.95	13
FD-862561099+	CO12666	3.95	159 3-	_DefaultBayEqui	2448	2320	1863	322	806	18	0	0.00	0.95	0
CO12519+	FD-862561099	4.20	159 3-	1/0ACSR	2328	2207	1766	320	806	18	8	0.04	0.99	47
OC-862561099+	CO12519	4.20	158 3-	20 N FUSE	2328	2207	1766	320	796	17	90	0.00	0.99	0
CO12625+	OC-862561099	4.27	158 3-	1/0ACSR	2295	2177	1740	319	796	17	8	0.01	1.00	13
CO12629+	CO12625	4.29	158 3-	1/0ACSR	2284	2166	1731	319	796	17	8	0.00	1.01	5
CO12627+	CO12629	4.37	158 3-	1/0ACSR	2249	2133	1703	318	796	17	8	0.01	1.02	15
CO12546+	CO12627	4.48	2 1-	4ACSR	0	0	1647	316	14	0	1	0.00	1.02	0
OC1074199919+	CO12546	4.48	2 1-	20 N FUSE	0	0	1647	316	14	0	5	0.00	1.02	0
CO12540+	OC1074199919	4.55	2 1-	4ACSR	0	0	1614	315	14	0	1	0.00	1.02	0
CO12626+	CO12627	4.53	154 3-	1/0ACSR	2184	2072	1651	317	782	17	8	0.02	1.04	28
CO12628+	CO12626	4.60	154 3-	1/0ACSR	2155	2045	1628	316	782	17	8	0.01	1.05	13
CO12642+	CO12628	4.67	154 3-	1/0ACSR	2130	2021	1608	315	782	17	8	0.01	1.06	12
CO12641+	CO12642	4.69	154 3-	1/0ACSR	2121	2012	1601	315	782	17	8	0.00	1.07	4
CO12521+	CO12641	4.76	47 1-	2ACSR	0	0	1578	314	251	17	9	0.02	1.08	7
CO12541+	CO12521	4.86	1 1-	4ACSR	0	0	1533	312	4	0	0	0.00	1.08	0
CO12658+	CO12521	4.91	2 1-	2ACSR	0	0	1524	312	8	0	0	0.00	1.08	0
CO12657+	CO12658	5.00	1 1-	2ACSR	0	0	1495	311	4	0	0	0.00	1.08	0
CO12682+	CO12521	4.76	44 1-	2ACSR	0	0	1575	314	239	16	9	0.00	1.09	0
OC348+	CO12682	4.76	44 1-	35 E OCR	0	0	1575	314	239	16	46	0.00	1.09	0
CO12683+	OC348	5.16	44 1-	2ACSR	0	0	1445	309	239	16	9	0.10	1.18	36
CO6068+	CO12683	5.32	43 1-	2ACSR	0	0	1400	307	235	15	9	0.04	1.22	14
CO6071+	CO6068	5.36	41 1-	2ACSR	0	0	1387	307	219	14	8	0.01	1.23	4
CO6072+	CO6071	5.40	40 1-	2ACSR	0	0	1377	306	219	14	8	0.01	1.24	3
CO6073+	CO6072	5.48	38 1-	2ACSR	0	0	1354	305	209	14	8	0.02	1.26	6
CO6074+	CO6073	5.59	36 1-	2ACSR	0	0	1325	304	203	13	8	0.02	1.28	7

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-1589447300+	CO6074	5.64	34 1-	2ACSR	0	0	1312	303	189	12	7	0.01	1.29	3
CO-1438910114+	CO-1589447300	5.80	33 1-	2ACSR	0	0	1275	302	177	12	7	0.03	1.32	8
	CO6077+	6.08	33 1-	4ACSR	0	0	1196	297	177	12	9	0.08	1.40	22
OC-2082722250+	CO6077	6.08	33 1-	20 N FUSE	0	0	1196	297	177	12	60	0.00	1.40	0
	CO6078+	6.17	33 1-	4ACSR	0	0	1170	295	177	12	9	0.03	1.42	8
	CO6081+	6.27	31 1-	4ACSR	0	0	1147	294	164	11	8	0.02	1.45	6
	CO6082+	6.44	31 1-	4ACSR	0	0	1106	291	164	11	8	0.04	1.49	11
	CO5889+	6.52	21 1-	4ACSR	0	0	1087	290	107	7	5	0.01	1.50	2
	CO6090+	6.60	17 1-	4ACSR	0	0	1069	288	94	6	5	0.01	1.52	0
OC1869166185+	CO6090	6.60	16 1-	20 N FUSE	0	0	1069	288	86	5	29	0.00	1.52	0
	CO6091+	6.71	16 1-	4ACSR	0	0	1046	287	86	5	4	0.01	1.53	0
	CO5915+	6.79	1 1-	4ACSR	0	0	1029	285	3	0	0	0.00	1.53	0
	CO5958+	7.00	1 1-	4ACSR	0	0	990	282	2	0	0	0.00	1.53	0
	CO5891+	6.84	10 1-	4ACSR	0	0	1021	285	69	4	3	0.01	1.54	0
	CO5892+	6.96	9 1-	4ACSR	0	0	997	283	60	4	3	0.01	1.55	0
	CO6092+	7.09	3 1-	4ACSR	0	0	973	281	32	2	2	0.00	1.56	0
	CO6093+	7.10	1 1-	4ACSR	0	0	971	281	12	0	1	0.00	1.56	0
	CO6094+	7.16	1 1-	4ACSR	0	0	959	280	12	0	1	0.00	1.56	0
	CO5893+	7.00	5 1-	4ACSR	0	0	989	282	17	1	1	0.00	1.55	0
	CO5913+	7.08	2 1-	4ACSR	0	0	975	281	7	0	0	0.00	1.55	0
	CO6095+	7.01	2 1-	4ACSR	0	0	987	282	11	0	1	0.00	1.55	0
	CO6096+	7.08	2 1-	2ACSR	0	0	978	281	11	0	0	0.00	1.55	0
CO280203031+	CO6096	7.12	1 1-	2ACSR	0	0	972	281	10	0	0	0.00	1.55	0
CO925719829+	CO6096	7.12	1 1-	2ACSR	0	0	971	281	0	0	0	0.00	1.55	0
	CO6097+	7.14	1 1-	4ACSR	0	0	968	281	0	0	0	0.00	1.55	0
	CO5914+	6.90	1 1-	4ACSR	0	0	1009	284	9	0	0	0.00	1.54	0
	CO5890+	6.69	4 1-	4ACSR	0	0	1049	287	13	0	1	0.00	1.51	0
	CO5918+	6.74	1 1-	4ACSR	0	0	1039	286	9	0	0	0.00	1.51	0
	CO5912+	6.76	2 1-	4/0 HdCu - 12s	0	0	1044	287	2	0	0	0.00	1.51	0
	CO6088+	6.76	1 1-	4ACSR	0	0	1035	286	3	0	0	0.00	1.51	0
	CO6089+	7.10	1 1-	4ACSR	0	0	971	281	3	0	0	0.00	1.51	0
	CO5896+	6.58	10 1-	4ACSR	0	0	1073	289	56	3	3	0.01	1.50	0
	CO5919+	6.63	1 1-	4ACSR	0	0	1064	288	9	0	0	0.00	1.50	0
	CO5895+	6.64	6 1-	4ACSR	0	0	1060	288	36	2	2	0.00	1.50	0
	CO6083+	6.72	4 1-	4ACSR	0	0	1043	286	13	0	1	0.00	1.51	0
	CO6084+	6.81	3 1-	4ACSR	0	0	1026	285	13	0	1	0.00	1.51	0
	CO6085+	6.85	2 1-	4ACSR	0	0	1017	284	10	0	1	0.00	1.51	0
	CO6086+	6.90	1 1-	4ACSR	0	0	1007	284	8	0	0	0.00	1.51	0
	CO6087+	6.95	1 1-	4ACSR	0	0	998	283	8	0	0	0.00	1.51	0
	CO5911+	6.71	1 1-	4ACSR	0	0	1045	287	11	0	1	0.00	1.51	0
	CO6079+	6.22	2 1-	4ACSR	0	0	1158	294	13	0	1	0.00	1.43	0
	CO6080+	6.29	1 1-	4ACSR	0	0	1140	293	8	0	0	0.00	1.43	0
CO222752363+	CO-1589447300	5.69	1 1-	2ACSR	0	0	1302	303	12	0	0	0.00	1.29	0
	CO6075+	5.67	2 1-	2ACSR	0	0	1307	303	13	0	1	0.00	1.28	0
	CO6076+	5.71	1 1-	2ACSR	0	0	1296	303	11	0	0	0.00	1.28	0
	CO6069+	5.41	2 1-	2ACSR	0	0	1373	306	15	1	1	0.00	1.22	0
	CO6070+	5.44	1 1-	2ACSR	0	0	1364	306	12	0	0	0.00	1.22	0
CO12545+	CO12641	4.82	0 1-	2ACSR	0	0	1555	313	0	0	0	0.00	1.07	0
CO12635+	CO12641	4.92	107 3-	1/0ACSR	2039	1936	1537	313	530	11	5	0.02	1.09	18
CO17071+	CO12635	5.06	106 3-	1/0ACSR	1990	1890	1498	312	530	11	5	0.01	1.10	12
CO13070+	CO17071	5.07	103 3-	1/0ACSR	1986	1886	1495	312	523	11	5	0.00	1.11	0
CO13069+	CO13070	5.09	103 3-	1/0ACSR	1981	1881	1490	312	523	11	5	0.00	1.11	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13072+	CO13069	5.12	102 3-	1/0ACSR	1970	1871	1482	311	508	11	5	0.00	1.11	2
CO13071+	CO13072	5.14	102 3-	1/0ACSR	1962	1863	1476	311	508	11	5	0.00	1.11	0
CO17259+	CO13071	5.17	102 3-	1/0ACSR	1954	1856	1470	311	508	11	5	0.00	1.11	0
CO17266+	CO17259	5.22	1 1-	4ACSR	0	0	1450	310	0	0	0	0.00	1.11	0
CO13073+	CO17259	5.25	101 3-	1/0ACSR	1929	1832	1449	310	508	11	5	0.01	1.12	6
CO13144+	CO13073	5.25	58 3-	2ACSR	1926	1829	1447	310	280	6	4	0.00	1.12	0
OC371+	CO13144	5.25	58 3-	35 E OCR	1926	1829	1447	310	280	6	18	0.00	1.12	0
CO13143+	OC371	5.32	58 3-	2ACSR	1902	1807	1429	309	280	6	4	0.00	1.13	2
CO12985+	CO13143	5.35	3 1-	4ACSR	0	0	1415	309	17	1	1	0.00	1.13	0
CO12996+	CO13143	5.36	26 1-	4ACSR	0	0	1412	309	111	7	5	0.01	1.14	0
CO12997+	CO12996	5.38	23 1-	4ACSR	0	0	1407	308	104	7	5	0.00	1.14	0
CO12998+	CO12997	5.40	21 1-	4ACSR	0	0	1399	308	90	6	4	0.00	1.14	0
CO13067+	CO12998	5.41	19 1-	6ACWC	0	0	1394	308	64	4	3	0.00	1.14	0
CO13066+	CO13067	5.45	15 1-	6ACWC	0	0	1381	307	58	3	3	0.00	1.15	0
CO12983+	CO13066	5.57	2 1-	4ACSR	0	0	1342	305	3	0	0	0.00	1.15	0
CO13126+	CO13066	5.50	9 1-	4ACSR	0	0	1364	306	40	2	2	0.00	1.15	0
CO13045+	CO13126	5.51	4 1-	4ACSR	0	0	1360	306	27	1	1	0.00	1.15	0
CO13046+	CO13045	5.53	3 1-	4ACSR	0	0	1354	306	17	1	1	0.00	1.15	0
CO12977+	CO13046	5.57	1 1-	4ACSR	0	0	1341	305	9	0	0	0.00	1.15	0
CO13047+	CO13046	5.61	2 1-	4ACSR	0	0	1328	304	9	0	0	0.00	1.15	0
CO13048+	CO13047	5.68	0 1-	4ACSR	0	0	1305	303	0	0	0	0.00	1.15	0
CO12994+	CO12998	5.42	2 1-	4ACSR	0	0	1393	308	26	1	1	0.00	1.14	0
CO12995+	CO12994	5.44	1 1-	4ACSR	0	0	1386	307	13	0	1	0.00	1.14	0
CO13041+	CO13143	5.36	29 3-	2ACSR	1886	1793	1418	309	152	3	2	0.00	1.13	0
CO13040+	CO13041	5.40	25 3-	2ACSR	1869	1777	1404	308	130	2	2	0.00	1.13	0
CO12941+	CO13040	5.58	16 3-	2ACSR	1805	1719	1357	306	105	2	1	0.00	1.14	0
CO13088+	CO12941	5.61	2 1-	4ACSR	0	0	1344	306	0	0	0	0.00	1.14	0
CO13087+	CO13088	5.62	1 1-	4ACSR	0	0	1342	306	0	0	0	0.00	1.14	0
CO13039+	CO12941	5.60	13 2-	6HDCU	0	1710	1350	306	93	3	2	0.00	1.14	0
CO13038+	CO13039	5.61	13 2-	6HDCU	0	1703	1344	306	93	3	2	0.00	1.14	0
CO13122+	CO13038	5.64	12 2-	6HDCU	0	1693	1336	305	83	2	2	0.00	1.14	0
CO13123+	CO13122	5.71	11 2-	6HDCU	0	1664	1313	304	81	2	2	0.00	1.14	0
CO12943+	CO13123	6.00	8 2-	6HDCU	0	1556	1229	299	58	1	2	0.01	1.16	0
CO13093+	CO12943	6.18	3 1-	4ACSR	0	0	1180	296	28	1	1	0.01	1.16	0
CO13094+	CO13093	6.24	1 1-	4ACSR	0	0	1163	295	16	1	1	0.00	1.16	0
CO12944+	CO12943	6.05	4 2-	6HDCU	0	1536	1213	298	29	0	1	0.00	1.16	0
CO12978+	CO12944	6.18	3 1-	4ACSR	0	0	1180	296	29	1	1	0.00	1.16	0
CO12992+	CO12978	6.22	2 1-	2ACSR	0	0	1172	296	15	0	1	0.00	1.16	0
CO778240304+	CO12992	6.27	1 1-	2ACSR	0	0	1162	295	5	0	0	0.00	1.16	0
CO-1881306651+	CO778240304	6.31	1 1-	2ACSR	0	0	1154	295	5	0	0	0.00	1.16	0
CO13077+	CO12944	6.18	1 2-	6HDCU	0	1494	1181	296	0	0	0	0.00	1.16	0
CO13076+	CO13077	6.39	0 2-	6HDCU	0	1427	1128	293	0	0	0	0.00	1.16	0
CO13064+	CO13123	5.81	3 1-	4ACSR	0	0	1283	302	23	1	1	0.00	1.15	0
CO13065+	CO13064	5.87	3 1-	4ACSR	0	0	1264	301	23	1	1	0.00	1.15	0
CO13092+	CO13065	6.02	2 1-	4ACSR	0	0	1221	299	13	0	1	0.00	1.15	0
CO13091+	CO13092	6.08	1 1-	4ACSR	0	0	1205	298	11	0	1	0.00	1.15	0
CO12979+	CO13065	5.95	1 1-	4ACSR	0	0	1242	300	10	0	1	0.00	1.15	0
CO13125+	CO13040	5.45	8 1-	4ACSR	0	0	1387	308	21	1	1	0.00	1.13	0
CO13086+	CO13125	5.48	2 1-	4ACSR	0	0	1377	307	4	0	0	0.00	1.13	0
CO13043+	CO13086	5.55	1 1-	4ACSR	0	0	1354	306	0	0	0	0.00	1.13	0
CO13044+	CO13043	5.57	1 1-	4ACSR	0	0	1348	305	0	0	0	0.00	1.13	0
CO13085+	CO13086	5.50	1 1-	4ACSR	0	0	1371	307	4	0	0	0.00	1.13	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL13124+	COL13125	5.51	5 1-	4ACSR	0	0	1367	306	14	0	1	0.00	1.13	0
COL13042+	COL13124	5.52	0 1-	4ACSR	0	0	1364	306	0	0	0	0.00	1.13	0
COL13141+	COL13073	5.25	43 1-	4ACSR	0	0	1447	310	228	15	11	0.00	1.13	0
OC372+	COL13141	5.25	43 1-	35 L OCR	0	0	1447	310	228	15	44	0.00	1.13	0
COL13142+	OC372	5.30	43 1-	4ACSR	0	0	1430	309	228	15	11	0.02	1.14	6
COL13128+	COL13142	5.33	43 1-	4ACSR	0	0	1420	309	228	15	11	0.01	1.15	3
COL13127+	COL13128	5.36	41 1-	4ACSR	0	0	1407	308	212	14	10	0.01	1.16	4
COL13049+	COL13127	5.60	40 1-	4ACSR	0	0	1326	304	210	14	10	0.07	1.24	25
COL13037+	COL13049	5.98	39 1-	4ACSR	0	0	1213	298	205	13	10	0.12	1.35	39
CO6384+	COL13037	6.17	39 1-	4ACSR	0	0	1163	295	205	13	10	0.06	1.41	20
OC1727164843+	CO6384	6.17	39 1-	20 N FUSE	0	0	1163	295	204	13	69	0.00	1.41	0
CO6613+	OC1727164843	6.21	2 1-	4ACSR	0	0	1151	294	27	1	1	0.00	1.41	0
CO6614+	CO6613	6.30	1 1-	4ACSR	0	0	1130	292	12	0	1	0.00	1.42	0
CO6385+	OC1727164843	6.22	37 1-	4ACSR	0	0	1149	294	177	12	9	0.02	1.43	4
COL17270+	CO6385	6.45	0 1-	4ACSR	0	0	1095	290	0	0	0	0.00	1.43	0
COL13103+	COL17270	6.59	0 1-	4ACSR	0	0	1063	288	0	0	0	0.00	1.43	0
COL17269+	CO6385	6.31	2 1-	4ACSR	0	0	1128	292	12	0	1	0.00	1.43	0
CO6386+	CO6385	6.32	33 1-	4ACSR	0	0	1126	292	157	10	8	0.02	1.45	6
CO6439+	CO6386	6.36	1 1-	4ACSR	0	0	1115	291	15	1	1	0.00	1.45	0
CO6387+	CO6386	6.39	32 1-	4ACSR	0	0	1108	291	142	9	7	0.02	1.47	4
CO6615+	CO6387	6.43	1 1-	4ACSR	0	0	1099	290	9	0	0	0.00	1.47	0
CO6503+	CO6387	6.53	31 1-	4ACSR	0	0	1078	289	133	9	6	0.03	1.49	6
CO6504+	CO6503	6.84	29 1-	4ACSR	0	0	1013	284	127	8	6	0.06	1.56	12
CO6618+	CO6504	6.88	5 1-	4ACSR	0	0	1005	283	14	0	1	0.00	1.56	0
CO6617+	CO6618	7.03	3 1-	4ACSR	0	0	976	281	5	0	0	0.00	1.56	0
CO6619+	CO6618	6.96	2 1-	4ACSR	0	0	990	282	9	0	0	0.00	1.56	0
CO6620+	CO6619	7.01	1 1-	4ACSR	0	0	980	281	3	0	0	0.00	1.56	0
CO6745+	CO6504	6.91	11 1-	4ACSR	0	0	1000	283	37	2	2	0.00	1.56	0
CO6746+	CO6745	6.95	10 1-	4ACSR	0	0	991	282	34	2	2	0.00	1.56	0
CO6765+	CO6746	6.97	9 1-	4ACSR	0	0	987	282	30	2	1	0.00	1.56	0
CO6766+	CO6765	7.01	9 1-	4ACSR	0	0	981	281	30	2	1	0.00	1.56	0
CO6767+	CO6766	7.03	8 1-	4ACSR	0	0	977	281	29	2	1	0.00	1.56	0
CO6441+	CO6767	7.12	4 1-	4ACSR	0	0	960	280	10	0	0	0.00	1.56	0
CO6616+	CO6767	7.08	0 1-	4ACSR	0	0	967	280	0	0	0	0.00	1.56	0
CO6505+	CO6504	6.88	13 1-	4ACSR	0	0	1006	283	76	5	4	0.00	1.56	0
CO6506+	CO6505	7.07	13 1-	4ACSR	0	0	970	280	76	5	4	0.02	1.58	3
CO6743+	CO6506	7.12	2 1-	4ACSR	0	0	961	280	6	0	0	0.00	1.58	0
CO6744+	CO6743	7.14	1 1-	4ACSR	0	0	957	279	1	0	0	0.00	1.58	0
CO6391+	CO6506	7.17	11 1-	4ACSR	0	0	952	279	70	4	3	0.01	1.59	0
CO6741+	CO6391	7.21	7 1-	4ACSR	0	0	945	278	36	2	2	0.00	1.59	0
CO6742+	CO6741	7.24	6 1-	4ACSR	0	0	940	278	30	2	1	0.00	1.59	0
CO6632+	CO6742	7.27	4 1-	4ACSR	0	0	934	277	21	1	1	0.00	1.60	0
CO6634+	CO6632	7.42	2 1-	4ACSR	0	0	911	275	7	0	0	0.00	1.60	0
CO6633+	CO6634	7.50	1 1-	4ACSR	0	0	897	274	0	0	0	0.00	1.60	0
CO6635+	CO6391	7.28	3 1-	4ACSR	0	0	932	277	24	1	1	0.00	1.60	0
CO6636+	CO6635	7.40	2 1-	4ACSR	0	0	913	276	15	1	1	0.00	1.60	0
CO-2074081279+	CO6636	7.60	1 1-	2ACSR	0	0	890	274	7	0	0	0.00	1.60	0
CO6440+	CO6385	6.29	1 1-	4ACSR	0	0	1133	293	9	0	0	0.00	1.43	0
COL13130+	COL17071	5.09	3 1-	4ACSR	0	0	1483	311	7	0	0	0.00	1.10	0
COL13129+	COL13130	5.15	3 1-	4ACSR	0	0	1463	310	7	0	0	0.00	1.10	0
COL13050+	COL13129	5.16	2 1-	4ACSR	0	0	1457	310	7	0	0	0.00	1.11	0
COL13051+	COL13050	5.19	1 1-	4ACSR	0	0	1446	310	0	0	0	0.00	1.11	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12547+	CO12519	4.23	1 1-	750 MCM - 42 Wi	0	0	1760	319	9	0	0	0.00	0.99	0
OC-315630279+	CO12547	4.23	0 1-	20 N FUSE	0	0	1760	319	0	0	0	0.00	0.99	0
CO12678+	CO12518	2.99	3 1-	4ACSR	0	0	2354	330	1	0	0	0.00	0.80	0
OC347+	CO12678	2.99	3 1-	20 N FUSE	0	0	2354	330	1	0	0	0.00	0.80	0
CO12679+	OC347	3.08	3 1-	4ACSR	0	0	2264	329	1	0	0	0.00	0.80	0
CO12536+	CO12679	3.14	1 1-	4ACSR	0	0	2211	327	1	0	0	0.00	0.80	0
CO12630+	CO12679	3.13	2 1-	4ACSR	0	0	2221	328	0	0	0	0.00	0.80	0
CO12632+	CO12630	3.18	1 1-	4ACSR	0	0	2177	327	0	0	0	0.00	0.80	0
CO12631+	CO12632	3.75	1 1-	4ACSR	0	0	1770	316	0	0	0	0.00	0.80	0
CO17271+	CO12245	2.38	16 1-	6HDCU	0	0	2825	336	72	4	4	0.00	0.69	0
OC341+	CO17271	2.38	16 1-	35 E OCR	0	0	2825	336	72	4	14	0.00	0.69	0
CO17272+	OC341	2.59	16 1-	6HDCU	0	0	2561	332	72	4	4	0.02	0.71	3
CO5959+	CO17272	2.63	2 1-	4ACSR	0	0	2513	331	3	0	0	0.00	0.71	0
CO5960+	CO5959	2.70	1 1-	4ACSR	0	0	2435	330	0	0	0	0.00	0.71	0
CO5961+	CO17272	2.65	14 1-	4ACSR	0	0	2490	331	68	4	3	0.01	0.72	0
CO8325+	CO5961	3.83	13 1-	4ACSR	0	0	1609	309	67	4	3	0.12	0.84	13
CO5576+	CO8325	4.03	7 1-	4ACSR	0	0	1513	305	47	3	2	0.01	0.85	0
CO5575+	CO5576	4.15	6 1-	4ACSR	0	0	1462	303	34	2	2	0.01	0.86	0
CO5609+	CO5575	4.21	1 1-	4ACSR	0	0	1439	302	9	0	0	0.00	0.86	0
CO5610+	CO5609	4.25	1 1-	4ACSR	0	0	1423	302	9	0	0	0.00	0.86	0
CO5608+	CO5575	4.26	2 1-	4ACSR	0	0	1419	301	15	1	1	0.00	0.86	0
CO5607+	CO5575	4.19	2 1-	4ACSR	0	0	1445	302	10	0	0	0.00	0.86	0
CO5606+	CO5607	4.25	2 1-	4ACSR	0	0	1423	302	10	0	0	0.00	0.86	0
CO-1191457292+	CO5606	4.31	1 1-	2ACSR	0	0	1405	301	9	0	0	0.00	0.86	0
CO5504+	CO8325	3.91	6 1-	4ACSR	0	0	1568	307	19	1	1	0.00	0.84	0
CO5534+	CO5504	4.19	0 1-	4ACSR	0	0	1444	302	0	0	0	0.00	0.84	0
CO5577+	CO5504	4.07	4 1-	4ACSR	0	0	1495	304	12	0	1	0.00	0.84	0
CO5578+	CO5577	4.24	4 1-	4ACSR	0	0	1424	302	12	0	1	0.00	0.85	0
CO8326+	CO5578	4.50	2 1-	4ACSR	0	0	1331	297	4	0	0	0.00	0.85	0
CO5963+	CO8326	4.56	2 1-	4ACSR	0	0	1310	296	4	0	0	0.00	0.85	0
CO5964+	CO5963	4.63	1 1-	4ACSR	0	0	1287	295	1	0	0	0.00	0.85	0
CO5962+	CO5964	4.72	1 1-	4ACSR	0	0	1257	294	1	0	0	0.00	0.85	0
CO5613+	CO5504	4.05	1 1-	4ACSR	0	0	1504	305	3	0	0	0.00	0.84	0
CO5611+	CO5613	4.10	0 1-	4ACSR	0	0	1482	304	0	0	0	0.00	0.84	0
CO5612+	CO5611	4.13	0 1-	4ACSR	0	0	1469	303	0	0	0	0.00	0.84	0
CO5645+	CO5504	4.06	0 1-	4ACSR	0	0	1499	305	0	0	0	0.00	0.84	0
CO5674+	CO5645	4.10	0 1-	4ACSR	0	0	1484	304	0	0	0	0.00	0.84	0
CO5675+	CO5674	4.17	0 1-	4ACSR	0	0	1453	303	0	0	0	0.00	0.84	0
CO5614+	CO5675	4.24	0 1-	4ACSR	0	0	1424	302	0	0	0	0.00	0.84	0
CO12188+	CO12154	2.25	0 1-	4ACSR	0	0	2904	336	0	0	0	0.00	0.65	0
CO12189+	CO17274	1.99	1 1-	4ACSR	0	0	3203	339	10	0	0	0.00	0.60	0
CO5529+	CO5570	0.34	1 1-	4ACSR	0	0	8214	356	6	0	0	0.00	0.12	0
CO5636+	CO5634	0.01	568 3-	750 MCM - 42 Wi	10734	11277	11423	359	2887	65	6	0.00	0.00	0
Sherburne+	CO5636	0.01	568 3-	560 200WVE	10734	11277	11423	359	2887	65	12	0.00	0.00	0
CO5500+	Sherburne	0.03	568 3-	1/0ACSR	10620	11079	11229	359	2887	65	28	0.01	0.01	39
CO745907996+	CO5500	0.06	568 3-	2ACSR	10382	10670	10821	359	2887	65	36	0.03	0.04	125
CO5708+	CO745907996	0.06	39 1-	4ACSR	0	0	10766	359	276	18	13	0.00	0.04	0
OC157+	CO5708	0.06	39 1-	100 L OCR	0	0	10766	359	276	18	19	0.00	0.04	0
CO5709+	OC157	0.07	39 1-	4ACSR	0	0	10728	359	276	18	13	0.00	0.04	0
CO5680+	CO5709	0.10	39 1-	4ACSR	0	0	10264	358	276	18	13	0.01	0.06	6
CO5681+	CO5680	0.13	38 1-	4ACSR	0	0	9920	357	262	17	13	0.01	0.07	4

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5525+	CO5681	0.21	3 1-	4ACSR	0	0	8931	355	19	1	1	0.00	0.07	0
CO5524+	CO5681	0.16	1 1-	4ACSR	0	0	9466	356	1	0	0	0.00	0.07	0
CO5668+	CO5681	0.18	33 1-	4ACSR	0	0	9313	356	229	15	11	0.02	0.08	6
CO5678+	CO5668	0.20	31 1-	4ACSR	0	0	9026	356	221	14	11	0.01	0.09	3
CO5679+	CO5678	0.23	28 1-	4ACSR	0	0	8667	355	206	13	10	0.01	0.10	3
CO5603+	CO5679	0.28	11 1-	4ACSR	0	0	8121	354	130	8	6	0.01	0.11	0
CO5682+	CO5603	0.29	11 1-	4ACSR	0	0	7991	354	130	8	6	0.00	0.11	0
CO5683+	CO5682	0.32	6 1-	4ACSR	0	0	7724	353	118	7	6	0.00	0.12	0
CO5669+	CO5683	0.36	6 1-	4ACSR	0	0	7330	352	118	7	6	0.01	0.12	0
CO5684+	CO5669	0.39	5 1-	4ACSR	0	0	7047	351	114	7	5	0.01	0.13	0
CO5685+	CO5684	0.43	3 1-	4ACSR	0	0	6734	350	110	7	5	0.00	0.13	0
CO5655+	CO5679	0.27	9 1-	6HDCU	0	0	8274	354	39	2	2	0.00	0.10	0
CO5656+	CO5655	0.31	4 1-	6HDCU	0	0	7800	353	9	0	0	0.00	0.10	0
CO5666+	CO5656	0.34	0 1-	6HDCU	0	0	7559	353	0	0	0	0.00	0.10	0
CO5667+	CO5666	0.36	0 1-	6HDCU	0	0	7344	352	0	0	0	0.00	0.10	0
CO5657+	CO5679	0.27	7 1-	4ACSR	0	0	8255	354	36	2	2	0.00	0.10	0
CO5658+	CO5657	0.32	6 1-	4ACSR	0	0	7746	353	33	2	2	0.00	0.10	0
CO17144+	CO5658	0.35	4 1-	4ACSR	0	0	7414	352	29	1	1	0.00	0.10	0
CO5526+	CO5658	0.38	0 1-	4ACSR	0	0	7208	352	0	0	0	0.00	0.10	0
CO5568+	CO745907996	0.10	529 3-	1/0ACSR	10085	10221	10341	358	2611	59	26	0.02	0.06	87
CO-1627864283+	CO5568	0.36	528 3-	2ACSR	8369	8206	7855	355	2600	58	33	0.20	0.26	809
CO1018972995+	CO-1627864283	0.45	526 3-	2ACSR	7863	7628	7219	353	2591	58	33	0.07	0.33	273
CO12261+	CO1018972995	0.57	526 3-	1/0ACSR	7318	7025	6566	352	2590	58	26	0.06	0.39	242
CO12166+	CO12261	0.74	9 3-	1/0ACSR	6660	6325	5821	350	93	2	1	0.00	0.39	0
CO12165+	CO12166	0.78	7 3-	1/0ACSR	6529	6197	5678	350	85	1	1	0.00	0.39	0
CO17276+	CO12165	0.90	5 3-	1/0ACSR	6123	5802	5244	349	70	1	1	0.00	0.39	0
CO-923333338+	CO17276	0.97	1 1-	2ACSR	0	0	5003	348	11	0	0	0.00	0.39	0
CO5528+	CO17276	0.92	0 1-	4ACSR	0	0	5158	348	0	0	0	0.00	0.39	0
OC-1940179669+	CO5528	0.92	0 1-	20 N FUSE	0	0	5158	348	0	0	0	0.00	0.39	0
CO5527+	CO17276	0.96	3 1-	4ACSR	0	0	4987	347	56	3	3	0.00	0.40	0
OC1953467900+	CO5527	0.96	2 1-	20 N FUSE	0	0	4987	347	0	0	0	0.00	0.40	0
CO1727566037+	OC1953467900	0.97	2 1-	2ACSR	0	0	4946	347	0	0	0	0.00	0.40	0
CO12203+	CO12165	0.84	2 1-	4ACSR	0	0	5371	349	16	1	1	0.00	0.39	0
OC-586107937+	CO12203	0.84	0 1-	20 N FUSE	0	0	5371	349	0	0	0	0.00	0.39	0
CO12204+	CO12166	0.80	2 1-	4ACSR	0	0	5492	349	7	0	0	0.00	0.39	0
OC1228657137+	CO12204	0.80	0 1-	20 N FUSE	0	0	5492	349	0	0	0	0.00	0.39	0
CO12260+	CO12261	0.70	516 3-	1/0ACSR	6802	6467	5978	351	2492	56	25	0.07	0.45	241
CO12259+	CO12260	0.77	515 3-	1/0ACSR	6557	6224	5708	350	2481	56	25	0.03	0.49	126
CO12202+	CO12259	0.88	2 1-	4ACSR	0	0	5170	348	18	1	1	0.00	0.49	0
OC-1433043951+	CO12202	0.88	0 1-	20 N FUSE	0	0	5170	348	0	0	0	0.00	0.49	0
CO12201+	CO12259	0.86	2 1-	4ACSR	0	0	5273	348	13	0	1	0.00	0.49	0
OC-2041470819+	CO12201	0.86	0 1-	20 N FUSE	0	0	5273	348	0	0	0	0.00	0.49	0
CO12263+	CO12259	0.87	509 3-	1/0ACSR	6240	5915	5368	349	2441	55	24	0.05	0.54	171
CO12262+	CO12263	0.99	508 3-	1/0ACSR	5863	5552	4974	348	2440	55	24	0.06	0.60	226
CO12264+	CO12262	1.19	507 3-	1/0ACSR	5364	5076	4472	346	2434	55	24	0.10	0.69	343
CO12205+	CO12264	1.24	1 1-	4ACSR	0	0	4293	345	0	0	0	0.00	0.69	0
OC-712107734+	CO12205	1.24	0 1-	20 N FUSE	0	0	4293	345	0	0	0	0.00	0.69	0
CO12200+	CO12264	1.28	1 1-	4ACSR	0	0	4168	344	1	0	0	0.00	0.69	0
OC1534063814+	CO12200	1.28	0 1-	20 N FUSE	0	0	4168	344	0	0	0	0.00	0.69	0
CO12164+	CO12264	1.36	504 3-	1/0ACSR	5001	4731	4118	344	2426	55	24	0.08	0.77	290
CO12258+	CO12164	1.43	502 3-	1/0ACSR	4859	4597	3983	344	2417	55	24	0.03	0.81	123
CO12257+	CO12258	1.50	501 3-	1/0ACSR	4725	4470	3856	343	2410	54	24	0.03	0.84	123

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12292+	CO12257	1.56	1 1-	4ACSR	0	0	3706	342	5	0	0	0.00	0.84	0
OC-2017056813+	CO12292	1.56	1 1-	20 N FUSE	0	0	3706	342	5	0	2	0.00	0.84	0
CO12291+	OC-2017056813	1.64	1 1-	4ACSR	0	0	3509	340	5	0	0	0.00	0.84	0
CO12163+	CO12257	1.66	496 3-	1/0ACSR	4438	4199	3589	341	2387	54	24	0.08	0.92	281
CO12162+	CO12163	1.73	495 3-	1/0ACSR	4325	4093	3485	341	2381	54	24	0.03	0.96	120
CO12256+	CO12162	1.87	493 3-	1/0ACSR	4123	3903	3302	339	2358	53	23	0.06	1.02	226
CO17146+	CO12256	1.95	492 3-	1/0ACSR	4017	3803	3207	339	2347	53	23	0.04	1.06	126
CO11832+	CO17146	2.01	2 1-	4ACSR	0	0	3098	337	2	0	0	0.00	1.06	0
OC1269221958+	CO11832	2.01	0 1-	20 N FUSE	0	0	3098	337	0	0	0	0.00	1.06	0
CO11817+	CO17146	2.02	482 3-	1/0ACSR	3916	3708	3117	338	2315	52	23	0.04	1.09	124
CO11833+	CO11817	2.08	0 1-	4ACSR	0	0	3026	337	0	0	0	0.00	1.09	0
OC1688190614+	CO11833	2.08	0 1-	20 N FUSE	0	0	3026	337	0	0	0	0.00	1.09	0
CO11863+	CO11817	2.18	443 3-	1/0ACSR	3725	3529	2948	336	2181	49	22	0.07	1.16	223
CO11864+	CO11863	2.47	443 3-	1/0ACSR	3419	3240	2681	334	2180	49	22	0.13	1.29	411
CO17145+	CO11864	2.69	2 1-	4ACSR	0	0	2426	329	5	0	0	0.00	1.29	0
OC-1991954745+	CO17145	2.69	1 1-	20 N FUSE	0	0	2426	329	0	0	0	0.00	1.29	0
CO12253+	OC-1991954745	2.82	1 1-	4ACSR	0	0	2294	327	0	0	0	0.00	1.29	0
CO12255+	CO12253	3.01	1 1-	4ACSR	0	0	2123	323	0	0	0	0.00	1.29	0
CO12254+	CO12255	3.15	1 1-	4ACSR	0	0	2010	321	0	0	0	0.00	1.29	0
CO17253+	CO11864	2.67	439 3-	1/0ACSR	3233	3065	2522	332	2170	49	22	0.09	1.38	284
CO12197+	CO17253	2.88	2 1-	4ACSR	0	0	2299	328	4	0	0	0.00	1.38	0
OC-1978532683+	CO12197	2.88	0 1-	20 N FUSE	0	0	2299	328	0	0	0	0.00	1.38	0
CO12252+	CO17253	2.75	437 3-	1/0ACSR	3161	2998	2462	331	2164	49	22	0.04	1.41	117
CO12301+	CO12252	3.01	436 3-	1/0ACSR	2955	2804	2288	329	2154	49	21	0.11	1.53	365
CO12138+	CO12301	3.09	434 3-	1/0ACSR	2900	2753	2242	328	2140	49	21	0.03	1.56	105
CO12210+	CO12138	3.27	434 3-	1/0ACSR	2780	2639	2142	326	2139	49	21	0.08	1.64	245
CO12209+	CO12210	3.30	434 3-	1/0ACSR	2761	2622	2127	326	2138	49	21	0.01	1.65	40
CO17142+	CO12209	3.38	0 1-	4ACSR	0	0	2062	325	0	0	0	0.00	1.65	0
CO12169+	CO12209	3.34	0 1-	4ACSR	0	0	2095	325	0	0	0	0.00	1.65	0
OC-694257383+	CO12169	3.34	0 1-	20 N FUSE	0	0	2095	325	0	0	0	0.00	1.65	0
CO12212+	CO12209	3.60	434 3-	1/0ACSR	2578	2449	1976	323	2138	49	21	0.13	1.78	423
CO12211+	CO12212	3.98	433 3-	1/0ACSR	2381	2263	1816	320	2135	49	21	0.16	1.95	523
CO17136+	CO12211	4.03	7 1-	6ACWC	0	0	1788	319	40	2	2	0.00	1.95	0
OC524381760+	CO17136	4.03	6 1-	20 N FUSE	0	0	1788	319	38	2	13	0.00	1.95	0
CO11911+	OC524381760	4.10	6 1-	6ACWC	0	0	1750	318	38	2	2	0.00	1.95	0
CO11912+	CO11911	4.17	6 1-	6ACWC	0	0	1709	316	38	2	2	0.00	1.96	0
CO11808+	CO11912	4.31	4 1-	6ACWC	0	0	1637	314	19	1	1	0.00	1.96	0
CO11913+	CO11808	4.48	3 1-	6ACWC	0	0	1559	311	16	1	1	0.00	1.97	0
CO1920975752+	CO11913	4.62	2 1-	2ACSR	0	0	1511	309	7	0	0	0.00	1.97	0
CO11914+	CO11913	4.62	1 1-	6ACWC	0	0	1498	308	8	0	0	0.00	1.97	0
CO11822+	CO11912	4.20	1 1-	6ACWC	0	0	1697	316	11	0	1	0.00	1.96	0
CO17138+	CO12211	4.43	406 3-	1/0ACSR	2182	2075	1656	316	2005	46	20	0.18	2.13	554
OC-178847254+	CO17138	4.43	406 3-	20 N FUSE	2182	2075	1656	316	2003	46	231	0.00	2.13	0
CO-915536511+	OC-178847254	4.53	406 3-	2ACSR	2135	2032	1619	315	2003	46	26	0.06	2.19	182
CO11823+	CO-915536511	4.60	1 1-	4ACSR	0	0	1586	313	2	0	0	0.00	2.19	0
CO11809+	CO-915536511	4.60	405 3-	1/0ACSR	2108	2007	1598	314	2000	46	20	0.03	2.22	87
CO11917+	CO11809	4.65	400 3-	1/0ACSR	2090	1990	1584	314	1990	45	20	0.02	2.24	57
CO11921+	CO11917	5.17	400 3-	1/0ACSR	1913	1822	1443	309	1989	45	20	0.21	2.45	632
CO11922+	CO11921	5.30	399 3-	1/0ACSR	1872	1784	1411	308	1986	45	20	0.05	2.50	160
CO11923+	CO11922	5.75	399 3-	1/0ACSR	1747	1666	1313	304	1986	45	20	0.18	2.69	543
CO17128+	CO11923	5.98	348 3-	1/0ACSR	1690	1611	1268	302	1724	40	17	0.08	2.77	211
FD-1733539004+	CO17128	5.98	348 3-	_DefaultBayEqui	1690	1611	1268	302	1723	40	0	0.00	2.77	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11956+	FD-1733539004	6.26	348 3-	1/0ACSR	1625	1549	1217	300	1723	40	17	0.10	2.87	256
OC-1733539004+	CO11956	6.26	346 3-	20 N FUSE	1625	1549	1217	300	1719	39	200	0.00	2.87	0
CO11996+	OC-1733539004	6.39	346 3-	1/0ACSR	1597	1523	1195	299	1719	39	17	0.05	2.91	117
CO12041+	CO11996	6.42	343 3-	1/0ACSR	1589	1515	1189	299	1707	39	17	0.01	2.92	32
CO11997+	CO12041	6.49	341 3-	1/0ACSR	1575	1502	1178	298	1702	39	17	0.02	2.95	60
CO11959+	CO11997	6.57	330 3-	1/0ACSR	1557	1485	1164	297	1644	38	17	0.03	2.98	71
CO11960+	CO11959	6.62	328 3-	1/0ACSR	1547	1476	1157	297	1630	37	16	0.02	2.99	39
CO12047+	CO11960	6.77	319 3-	1/0ACSR	1517	1447	1134	296	1602	37	16	0.05	3.04	119
CO12048+	CO12047	6.84	319 3-	1/0ACSR	1505	1435	1124	295	1601	37	16	0.02	3.06	53
CO11987+	CO12048	6.88	1 1-	4ACSR	0	0	1113	295	12	0	1	0.00	3.06	0
OC337906502+	CO11987	6.88	0 1-	20 N FUSE	0	0	1113	295	0	0	0	0.00	3.06	0
CO12104+	CO12048	7.06	318 3-	1/0ACSR	1462	1395	1091	294	1589	37	16	0.07	3.14	177
CO12105+	CO12104	7.19	317 3-	1/0ACSR	1439	1374	1074	293	1587	36	16	0.04	3.18	100
CO12049+	CO12105	7.38	0 1-	4ACSR	0	0	1035	289	0	0	0	0.00	3.18	0
OC-1030809019+	CO12049	7.38	0 1-	20 N FUSE	0	0	1035	289	0	0	0	0.00	3.18	0
CO12050+	OC-1030809019	7.66	0 1-	4ACSR	0	0	981	285	0	0	0	0.00	3.18	0
CO12051+	CO12050	7.91	0 1-	4ACSR	0	0	939	281	0	0	0	0.00	3.18	0
CO11963+	CO12051	8.12	0 1-	4ACSR	0	0	905	278	0	0	0	0.00	3.18	0
CO12076+	CO11963	8.27	0 1-	4ACSR	0	0	882	276	0	0	0	0.00	3.18	0
CO12077+	CO12076	8.37	0 1-	4ACSR	0	0	868	274	0	0	0	0.00	3.18	0
CO11988+	CO12051	8.03	0 1-	4ACSR	0	0	919	279	0	0	0	0.00	3.18	0
CO12052+	CO12105	7.23	317 3-	1/0ACSR	1433	1367	1068	292	1586	36	16	0.01	3.19	30
CO12053+	CO12052	7.39	317 3-	1/0ACSR	1405	1341	1047	291	1586	36	16	0.05	3.25	128
CO-1731857184+	CO12053	7.46	316 3-	2ACSR	1390	1327	1036	290	1566	36	20	0.03	3.28	85
CO1206307462+	CO-1731857184	7.55	316 3-	2ACSR	1370	1309	1021	289	1566	36	20	0.05	3.32	115
CO12055+	CO1206307462	7.72	316 3-	1/0ACSR	1344	1284	1001	288	1565	36	16	0.05	3.38	128
CO1260444816+	CO12055	7.93	0 3-	2ACSR	1305	1247	972	286	0	0	0	0.00	3.38	0
CO12131+	CO12055	7.73	314 3-	1/0ACSR	1343	1283	1001	288	1558	36	16	0.00	3.38	4
XFMR246	CO12131	7.73	314 3-	333 KVA 1PH AUT	981	945	868	168	1558	36	157	1.37	4.75	0
CO-2033225829	XFMR246	7.83	314 3-	2ACSR	964	926	849	167	1558	72	40	0.20	4.95	517
CO-1901045601	CO-2033225829	7.90	314 3-	2ACSR	954	915	837	166	1555	72	40	0.13	5.07	325
CO11990	CO-1901045601	8.07	2 1-	4ACSR	0	0	803	165	8	1	1	0.00	5.08	0
CO-1853216105	CO-1901045601	8.12	312 3-	2ACSR	921	879	800	165	1546	72	40	0.41	5.49	1057
CO12083	CO-1853216105	8.22	44 1-	2ACSR	0	0	784	164	241	33	19	0.10	5.59	38
CO12084	CO12083	8.24	43 1-	2ACSR	0	0	780	164	229	32	18	0.02	5.61	9
CO12085	CO12084	8.36	43 1-	2ACSR	0	0	763	163	229	32	18	0.11	5.72	38
CO11965	CO12085	8.45	1 1-	6ACWC	0	0	747	162	1	0	0	0.00	5.72	0
CO12127	CO12085	8.36	40 1-	2ACSR	0	0	762	163	202	28	16	0.01	5.72	0
OC336	CO12127	8.36	40 1-	70 L OCR	0	0	762	163	202	28	41	0.00	5.72	0
CO12128	OC336	8.56	40 1-	2ACSR	0	0	733	162	202	28	16	0.18	5.90	57
CO11999	CO12128	8.63	39 1-	2ACSR	0	0	724	161	194	27	15	0.05	5.95	17
CO12000	CO11999	8.78	39 1-	2ACSR	0	0	704	160	194	27	15	0.13	6.08	39
CO17035	CO12000	9.04	38 1-	2ACSR	0	0	671	159	193	27	15	0.22	6.30	69
CO10572	CO17035	9.06	38 1-	2ACSR	0	0	669	158	193	27	15	0.01	6.32	5
CO10631	CO10572	9.12	36 1-	2ACSR	0	0	661	158	191	27	15	0.06	6.37	17
CO10656	CO10631	9.19	35 1-	2ACSR	0	0	654	158	191	27	15	0.05	6.42	15
CO10657	CO10656	9.20	34 1-	2ACSR	0	0	652	158	185	26	15	0.01	6.43	4
CO10530	CO10657	9.36	31 1-	2ACSR	0	0	635	156	167	23	13	0.12	6.55	31
CO10670	CO10530	9.52	30 1-	2ACSR	0	0	618	155	161	22	13	0.11	6.66	29
CO10592	CO10670	9.65	23 1-	2ACSR	0	0	604	155	151	21	12	0.09	6.75	21
CO10593	CO10592	9.76	23 1-	2ACSR	0	0	594	154	151	21	12	0.07	6.82	18
CO10542	CO10593	9.82	22 1-	2ACSR	0	0	588	154	149	21	12	0.04	6.86	10

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10594	CO10542	9.90	21 1-	2ACSR	0	0	580	153	140	19	11	0.05	6.91	10
CO10595	CO10594	10.04	20 1-	2ACSR	0	0	567	152	121	17	10	0.08	6.99	15
CO10531	CO10595	10.08	19 1-	2ACSR	0	0	564	152	121	17	10	0.02	7.00	4
CO39221566	CO10531	10.18	1 1-	2ACSR	0	0	555	151	11	1	1	0.00	7.01	0
CO-654616794	CO10531	10.11	18 1-	2ACSR	0	0	561	152	110	15	9	0.01	7.02	3
CO10573	CO-654616794	10.18	15 1-	2ACSR	0	0	556	151	78	11	6	0.02	7.04	3
CO10638	CO10573	10.35	14 1-	2ACSR	0	0	541	150	78	11	6	0.06	7.10	7
CO10641	CO10638	10.43	9 1-	2ACSR	0	0	535	150	62	8	5	0.02	7.12	0
CO10642	CO10641	10.54	8 1-	2ACSR	0	0	526	149	58	8	5	0.03	7.15	3
CO10551	CO10642	10.65	1 1-	4ACSR	0	0	516	148	2	0	0	0.00	7.15	0
CO10550	CO10642	10.68	1 1-	4ACSR	0	0	513	148	17	2	2	0.01	7.16	0
CO10574	CO10642	10.56	6 1-	2ACSR	0	0	525	149	39	5	3	0.00	7.15	0
CO10575	CO10574	10.70	6 1-	2ACSR	0	0	514	148	39	5	3	0.02	7.18	0
CO10532	CO10575	10.80	6 1-	2ACSR	0	0	506	148	39	5	3	0.02	7.19	0
CO10614	CO10532	10.90	1 1-	4ACSR	0	0	498	147	15	2	2	0.01	7.20	0
CO10615	CO10614	10.95	1 1-	4ACSR	0	0	494	146	15	2	2	0.00	7.20	0
CO10533	CO10532	10.90	4 1-	2ACSR	0	0	499	147	14	2	1	0.01	7.20	0
CO10643	CO10533	11.04	2 1-	2ACSR	0	0	490	146	9	1	1	0.00	7.20	0
CO10644	CO10643	11.08	1 1-	2ACSR	0	0	487	146	1	0	0	0.00	7.20	0
CO10645	CO10644	11.12	0 1-	2ACSR	0	0	484	146	0	0	0	0.00	7.20	0
CO10553	CO10533	11.02	2 1-	4ACSR	0	0	489	146	6	0	1	0.00	7.20	0
CO10552	CO10575	10.83	0 1-	4ACSR	0	0	502	147	0	0	0	0.00	7.18	0
CO10639	CO10638	10.41	4 1-	4ACSR	0	0	535	150	13	1	1	0.01	7.10	0
OC1144357358	CO10639	10.41	4 1-	20 N FUSE	0	0	535	150	13	1	9	0.00	7.10	0
CO10640	OC1144357358	10.63	4 1-	4ACSR	0	0	514	148	13	1	1	0.02	7.12	0
CO10577	CO10640	10.99	4 1-	4ACSR	0	0	483	145	13	1	1	0.03	7.15	0
CO10660	CO10577	11.08	2 1-	4ACSR	0	0	475	144	10	1	1	0.00	7.16	0
CO10661	CO10660	11.18	0 1-	4ACSR	0	0	467	143	0	0	0	0.00	7.16	0
CO10549	CO10660	11.22	1 1-	4ACSR	0	0	464	143	5	0	1	0.00	7.16	0
CO10578	CO10577	11.27	2 1-	4ACSR	0	0	460	143	3	0	0	0.01	7.16	0
CO10632	CO10578	11.50	2 1-	4ACSR	0	0	443	141	3	0	0	0.00	7.16	0
CO10633	CO10632	11.54	1 1-	4ACSR	0	0	440	141	3	0	0	0.00	7.16	0
CO10579	CO10633	11.73	1 1-	4ACSR	0	0	427	139	3	0	0	0.00	7.16	0
CO10548	CO10638	10.44	0 1-	4ACSR	0	0	532	149	0	0	0	0.00	7.10	0
CO10651	CO-654616794	10.20	3 1-	4ACSR	0	0	552	151	32	4	3	0.02	7.03	0
CO-1308609341	CO10651	10.23	1 1-	2ACSR	0	0	549	151	14	1	1	0.00	7.04	0
CO10652	CO10651	10.32	1 1-	4ACSR	0	0	539	150	13	1	1	0.01	7.04	0
CO10547	CO10595	10.13	1 1-	4ACSR	0	0	558	151	0	0	0	0.00	6.99	0
CO10570	CO10542	9.88	1 1-	4ACSR	0	0	580	153	9	1	1	0.00	6.86	0
CO10569	CO10593	9.85	1 1-	4ACSR	0	0	582	153	3	0	0	0.00	6.82	0
CO10543	CO10670	9.82	6 1-	4ACSR	0	0	581	153	8	1	1	0.02	6.68	0
CO10545	CO10543	9.96	6 1-	4ACSR	0	0	565	151	8	1	1	0.01	6.69	0
OC-949620761	CO10545	9.96	6 1-	20 N FUSE	0	0	565	151	8	1	6	0.00	6.69	0
CO10568	OC-949620761	10.02	0 1-	4ACSR	0	0	559	151	0	0	0	0.00	6.69	0
CO10601	OC-949620761	10.06	6 1-	4ACSR	0	0	554	151	8	1	1	0.01	6.69	0
CO10602	CO10601	10.21	6 1-	4ACSR	0	0	539	149	8	1	1	0.01	6.70	0
CO10603	CO10602	10.29	4 1-	4ACSR	0	0	531	149	5	0	1	0.00	6.70	0
CO10604	CO10603	10.41	4 1-	4ACSR	0	0	519	148	5	0	1	0.00	6.70	0
CO10605	CO10604	10.48	4 1-	4ACSR	0	0	512	147	5	0	1	0.00	6.71	0
CO10606	CO10605	10.59	4 1-	4ACSR	0	0	503	146	5	0	1	0.00	6.71	0
CO10607	CO10606	10.76	4 1-	4ACSR	0	0	488	145	5	0	1	0.01	6.72	0
CO10608	CO10607	11.08	3 1-	4ACSR	0	0	461	142	4	0	0	0.01	6.72	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10609	CO10608	11.17	2 1-	4ACSR	0	0	455	142	4	0	0	0.00	6.73	0
CO10610	CO10609	11.31	2 1-	4ACSR	0	0	445	140	4	0	0	0.00	6.73	0
CO10611	CO10610	11.37	1 1-	4ACSR	0	0	440	140	3	0	0	0.00	6.73	0
CO10544	CO10543	9.91	0 1-	4ACSR	0	0	570	152	0	0	0	0.00	6.68	0
CO10596	CO10544	10.03	0 1-	4ACSR	0	0	557	151	0	0	0	0.00	6.68	0
CO10597	CO10596	10.32	0 1-	4ACSR	0	0	528	148	0	0	0	0.00	6.68	0
CO10598	CO10597	10.48	0 1-	4ACSR	0	0	512	147	0	0	0	0.00	6.68	0
CO10567	CO10544	9.94	0 1-	4ACSR	0	0	568	152	0	0	0	0.00	6.68	0
CO10599	CO10543	9.91	0 1-	4ACSR	0	0	570	152	0	0	0	0.00	6.68	0
CO10600	CO10599	10.22	0 1-	4ACSR	0	0	538	149	0	0	0	0.00	6.68	0
CO10669	CO10530	9.45	1 1-	4ACSR	0	0	622	156	6	0	1	0.00	6.55	0
CO10612	CO10657	9.30	1 1-	4ACSR	0	0	638	157	3	0	0	0.00	6.44	0
CO10613	CO10612	9.37	1 1-	4ACSR	0	0	629	156	3	0	0	0.00	6.44	0
CO10668	CO10657	9.32	2 1-	4ACSR	0	0	636	156	16	2	2	0.01	6.44	0
CO10546	CO10572	9.15	1 1-	4ACSR	0	0	655	158	0	0	0	0.00	6.32	0
CO12135	CO12128	8.67	1 1-	4ACSR	0	0	715	161	8	1	1	0.01	5.91	0
OC886271834	CO12135	8.67	1 1-	20 N FUSE	0	0	715	161	8	1	5	0.00	5.91	0
CO12136	OC886271834	8.69	0 1-	4ACSR	0	0	713	161	0	0	0	0.00	5.91	0
CO11966	CO12136	8.74	0 1-	4ACSR	0	0	704	160	0	0	0	0.00	5.91	0
CO12137	CO12136	8.75	0 1-	4ACSR	0	0	702	160	0	0	0	0.00	5.91	0
CO11994	OC886271834	8.73	1 1-	2ACSR	0	0	707	160	8	1	1	0.00	5.91	0
CO1843891489	CO-1853216105	8.35	268 3-	2ACSR	888	843	764	163	1300	61	34	0.36	5.85	772
CO-1188494446	CO1843891489	8.40	268 3-	2ACSR	882	836	757	163	1296	61	34	0.08	5.92	166
CO11967	CO-1188494446	8.63	1 1-	4ACSR	0	0	716	161	9	1	1	0.01	5.93	0
OC1232528322	CO11967	8.63	0 1-	20 N FUSE	0	0	716	161	0	0	0	0.00	5.93	0
CO12123	CO-1188494446	8.40	267 3-	1/0ACSR	881	835	756	163	1286	60	26	0.01	5.93	14
OC338	CO12123	8.40	267 3-	70 L OCR	881	835	756	163	1286	60	87	0.00	5.93	0
CO-310883991	OC338	8.46	267 3-	2ACSR	873	827	747	163	1286	60	34	0.09	6.02	191
CO12013	CO-310883991	8.95	2 1-	4ACSR	0	0	669	158	1	0	0	0.00	6.02	0
OC1516473073	CO12013	8.95	2 1-	20 N FUSE	0	0	669	158	1	0	1	0.00	6.02	0
CO12014	OC1516473073	9.05	2 1-	4ACSR	0	0	655	157	1	0	0	0.00	6.02	0
CO12015	CO12014	9.44	1 1-	4ACSR	0	0	603	153	0	0	0	0.00	6.02	0
CO-2078506065	CO-310883991	8.60	265 3-	2ACSR	854	807	728	162	1284	60	34	0.21	6.23	458
CO1643462327	CO-2078506065	8.66	265 3-	2ACSR	847	799	720	161	1282	60	34	0.09	6.32	188
CO-2079112698	CO1643462327	8.88	265 3-	2ACSR	819	770	691	160	1281	60	34	0.35	6.67	741
CO384304932	CO-2079112698	9.04	264 3-	2ACSR	799	752	671	159	1278	60	34	0.25	6.92	540
CO11969	CO384304932	9.20	0 1-	4ACSR	0	0	648	157	0	0	0	0.00	6.92	0
CO-2011873102	CO384304932	9.05	264 3-	2ACSR	798	751	670	159	1276	60	34	0.01	6.93	30
CO-578658216	CO-2011873102	9.21	264 3-	2ACSR	778	733	651	157	1275	60	34	0.26	7.19	558
CO665368381	CO-578658216	9.34	264 3-	2ACSR	763	719	636	157	1273	60	34	0.20	7.40	438
CO317786466	CO665368381	9.40	264 3-	2ACSR	757	713	630	156	1271	60	34	0.09	7.49	189
CO-1279993420	CO317786466	9.42	264 3-	2ACSR	755	711	628	156	1270	60	34	0.03	7.51	55
CO-880402422	CO-1279993420	9.53	264 3-	2ACSR	743	700	616	155	1270	60	34	0.17	7.68	368
CO-1870681441	CO-880402422	9.53	264 3-	2ACSR	743	700	616	155	1268	60	34	0.01	7.69	22
XFMR247+	CO-1870681441	9.53	22 1-	333 KVA 1PH AUT	0	0	219	165	144	20	45	0.32	8.01	0
CO12126+	XFMR247	9.69	22 1-	4ACSR	0	0	218	165	144	10	7	0.04	8.05	9
CO12006+	CO12126	9.78	22 1-	4ACSR	0	0	217	164	143	10	7	0.02	8.07	5
CO12007+	CO12006	9.97	22 1-	4ACSR	0	0	216	163	143	10	7	0.05	8.11	11
CO12008+	CO12007	10.06	22 1-	4ACSR	0	0	215	163	143	10	7	0.02	8.13	5
CO12009+	CO12008	10.13	22 1-	4ACSR	0	0	214	162	143	10	7	0.01	8.15	4
CO12089+	CO12009	10.18	20 1-	4ACSR	0	0	214	162	127	9	7	0.01	8.16	2
CO12090+	CO12089	10.68	18 1-	4ACSR	0	0	211	160	125	8	6	0.10	8.26	21

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11947+	CO12090	10.87	17 1-	4ACSR	0	0	209	159	125	8	6	0.04	8.30	8
CO11948+	CO11947	11.08	17 1-	4ACSR	0	0	208	158	125	8	6	0.04	8.34	9
CO17225+	CO11948	11.24	12 1-	4ACSR	0	0	207	157	98	7	5	0.02	8.37	4
CO13364+	CO17225	11.33	10 1-	4ACSR	0	0	206	156	69	4	4	0.01	8.38	0
CO13365+	CO13364	11.47	9 1-	4ACSR	0	0	205	156	54	3	3	0.01	8.39	0
OC351045001+	CO13365	11.47	9 1-	20 N FUSE	0	0	205	156	54	3	19	0.00	8.39	0
CO13413+	OC351045001	11.56	5 1-	4ACSR	0	0	205	155	30	2	2	0.00	8.39	0
CO13414+	CO13413	11.61	4 1-	4ACSR	0	0	204	155	23	1	1	0.00	8.39	0
CO13415+	CO13414	12.00	3 1-	4ACSR	0	0	202	153	20	1	1	0.01	8.41	0
CO13416+	CO13415	12.17	2 1-	4ACSR	0	0	201	153	16	1	1	0.00	8.41	0
CO13383+	CO13416	12.27	1 1-	4ACSR	0	0	200	152	9	0	0	0.00	8.41	0
CO13417+	CO13416	12.32	1 1-	4ACSR	0	0	200	152	7	0	0	0.00	8.41	0
CO13418+	CO13417	12.38	1 1-	4ACSR	0	0	199	152	7	0	0	0.00	8.41	0
CO13419+	CO13418	12.52	1 1-	4ACSR	0	0	199	151	7	0	0	0.00	8.41	0
CO13411+	OC351045001	11.54	4 1-	4ACSR	0	0	205	155	24	1	1	0.00	8.39	0
CO13412+	CO13411	11.54	0 1-	4ACSR	0	0	205	155	0	0	0	0.00	8.39	0
CO13409+	CO13412	11.59	0 1-	4ACSR	0	0	205	155	0	0	0	0.00	8.39	0
CO13410+	CO13411	11.64	4 1-	4ACSR	0	0	204	155	24	1	1	0.00	8.39	0
CO13408+	CO13410	11.65	2 1-	4ACSR	0	0	204	155	12	0	1	0.00	8.39	0
CO13407+	CO13408	11.71	2 1-	4ACSR	0	0	204	155	12	0	1	0.00	8.40	0
CO13406+	CO13407	11.74	0 1-	4ACSR	0	0	204	155	0	0	0	0.00	8.40	0
CO13405+	CO13406	11.79	0 1-	4ACSR	0	0	203	154	0	0	0	0.00	8.40	0
CO13382+	CO13364	11.40	1 1-	4ACSR	0	0	206	156	15	1	1	0.00	8.38	0
CO13403+	CO17225	11.31	2 1-	4ACSR	0	0	206	157	29	2	1	0.00	8.37	0
CO13404+	CO13403	11.35	1 1-	4ACSR	0	0	206	156	16	1	1	0.00	8.37	0
CO11949+	CO11948	11.14	5 1-	4ACSR	0	0	208	157	27	1	1	0.00	8.34	0
CO17130+	CO11949	11.29	4 1-	4ACSR	0	0	207	157	21	1	1	0.01	8.35	0
CO17131+	CO17130	11.51	1 1-	4ACSR	0	0	205	156	19	1	1	0.00	8.35	0
CO13363+	CO17130	11.34	3 1-	4ACSR	0	0	206	156	2	0	0	0.00	8.35	0
CO17224+	CO13363	11.59	3 1-	4ACSR	0	0	205	155	2	0	0	0.00	8.35	0
OC-928077633+	CO17224	11.59	3 1-	20 N FUSE	0	0	205	155	2	0	1	0.00	8.35	0
CO13628+	OC-928077633	11.69	3 1-	4ACSR	0	0	204	155	2	0	0	0.00	8.35	0
CO13585+	CO13628	11.81	1 1-	4ACSR	0	0	203	154	1	0	0	0.00	8.35	0
CO13552+	CO13628	11.87	2 1-	4ACSR	0	0	203	154	1	0	0	0.00	8.35	0
CO13627+	CO13552	12.06	1 1-	4ACSR	0	0	201	153	1	0	0	0.00	8.35	0
CO13626+	CO13627	12.19	1 1-	4ACSR	0	0	201	152	1	0	0	0.00	8.35	0
OC-1537601674+	CO13626	12.19	1 1-	20 N FUSE	0	0	201	152	1	0	0	0.00	8.35	0
CO13586+	OC-1537601674	12.23	0 1-	4ACSR	0	0	200	152	0	0	0	0.00	8.35	0
CO13553+	OC-1537601674	12.34	1 1-	4ACSR	0	0	200	152	1	0	0	0.00	8.35	0
CO13551+	CO13553	12.49	0 1-	4ACSR	0	0	199	151	0	0	0	0.00	8.35	0
CO13695+	CO13551	12.50	0 1-	4ACSR	0	0	199	151	0	0	0	0.00	8.35	0
CO13584+	CO13553	12.56	1 1-	4ACSR	0	0	198	151	1	0	0	0.00	8.35	0
CO13651+	CO13552	12.01	1 1-	4ACSR	0	0	202	153	0	0	0	0.00	8.35	0
CO13652+	CO13651	12.09	1 1-	4ACSR	0	0	201	153	0	0	0	0.00	8.35	0
CO13653+	CO13652	12.11	0 1-	4ACSR	0	0	201	153	0	0	0	0.00	8.35	0
CO13384+	CO13363	11.39	0 1-	4ACSR	0	0	206	156	0	0	0	0.00	8.35	0
CO17129+	CO11949	11.32	1 1-	4ACSR	0	0	206	157	6	0	0	0.00	8.35	0
CO11972+	CO11947	11.06	0 1-	4ACSR	0	0	208	158	0	0	0	0.00	8.30	0
CO12019+	CO12090	10.97	1 1-	4ACSR	0	0	209	158	0	0	0	0.00	8.26	0
CO12020+	CO12019	11.06	1 1-	4ACSR	0	0	208	158	0	0	0	0.00	8.26	0
CO12018+	CO12020	11.19	0 1-	4ACSR	0	0	207	157	0	0	0	0.00	8.26	0
CO12064+	CO12009	10.20	2 1-	4ACSR	0	0	214	162	16	1	1	0.00	8.15	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12065+	CO12064	10.29	2 1-	4ACSR	0	0	213	161	16	1	1	0.00	8.15	0
CO-1524974993+	CO12065	10.36	0 1-	2ACSR	0	0	213	161	0	0	0	0.00	8.15	0
CO767400853	CO-1870681441	9.62	242 3-	2ACSR	733	691	606	155	1124	53	30	0.13	7.82	238
CO1088415086	CO767400853	10.18	242 3-	2ACSR	678	641	555	151	1123	53	30	0.77	8.59	1470
CO1535825041	CO1088415086	10.29	242 3-	2ACSR	668	631	545	151	1116	53	30	0.15	8.74	288
CO-2048359733	CO1535825041	10.62	242 3-	2ACSR	640	605	519	149	1115	53	30	0.46	9.20	867
CO-1239129141	CO-2048359733	10.77	237 3-	2ACSR	628	594	509	148	1097	53	29	0.20	9.40	374
CO1592769445	CO-1239129141	10.87	237 3-	2ACSR	620	587	501	147	1095	53	29	0.14	9.54	259
CO12096	CO1592769445	11.04	3 1-	4ACSR	0	0	486	146	3	0	0	0.00	9.54	0
OC-887351234	CO12096	11.04	2 1-	20 N FUSE	0	0	486	146	3	0	2	0.00	9.54	0
CO12097	OC-887351234	11.24	2 1-	4ACSR	0	0	470	144	3	0	0	0.00	9.54	0
CO12027	CO12097	11.33	2 1-	4ACSR	0	0	464	144	3	0	0	0.00	9.54	0
CO12098	CO12027	11.37	1 1-	4ACSR	0	0	460	143	1	0	0	0.00	9.54	0
CO12099	CO12098	11.52	1 1-	4ACSR	0	0	450	142	1	0	0	0.00	9.54	0
CO-619036140	CO1592769445	11.20	234 3-	2ACSR	594	564	479	145	1091	52	29	0.46	9.99	859
CO12028	CO-619036140	11.32	1 1-	4ACSR	0	0	469	144	9	1	1	0.01	10.00	0
CO17132	CO12028	11.51	1 1-	4ACSR	0	0	455	143	9	1	1	0.01	10.01	0
CO13385	CO17132	11.74	1 1-	6ACWC	0	0	439	141	9	1	1	0.01	10.02	0
CO-1304761795	CO-619036140	11.33	233 3-	2ACSR	585	555	471	145	1078	52	29	0.17	10.16	311
CO12132	CO-1304761795	11.36	173 3-	1/0ACSR	583	553	469	144	801	39	17	0.02	10.19	32
CO11992	CO12132	11.38	1 1-	2ACSR	0	0	468	144	7	1	1	0.00	10.19	0
CO-878693716	CO12132	11.89	172 3-	2ACSR	548	521	438	142	794	38	22	0.52	10.71	715
CO-1193258934	CO-878693716	11.92	172 3-	2ACSR	546	519	437	141	790	38	22	0.03	10.74	39
CO-1240420333	CO-1193258934	12.03	172 3-	2ACSR	539	513	431	141	790	38	22	0.11	10.85	155
CO13425	CO-1240420333	12.05	172 3-	1/0ACSR	538	512	429	141	789	38	17	0.02	10.86	21
CO13423	CO13425	12.08	172 3-	1/0ACSR	537	511	428	141	789	38	17	0.02	10.88	22
CO-1497565019	CO13423	12.15	166 3-	2ACSR	533	507	425	140	752	36	21	0.06	10.95	85
CO-1649253182	CO-1497565019	12.17	165 3-	2ACSR	531	505	423	140	747	36	20	0.02	10.97	32
CO1652835023	CO-1649253182	12.22	0 1-	2ACSR	0	0	421	140	0	0	0	0.00	10.97	0
CO-251038377	CO-1649253182	12.23	165 3-	2ACSR	528	502	421	140	747	36	20	0.05	11.03	71
CO23622911	CO-251038377	12.38	163 3-	2ACSR	519	494	413	139	738	36	20	0.14	11.17	181
CO13366	CO23622911	12.69	2 1-	6ACWC	0	0	395	137	10	1	1	0.02	11.18	0
OC-756084245	CO13366	12.69	2 1-	20 N FUSE	0	0	395	137	10	1	7	0.00	11.18	0
CO13388	OC-756084245	12.80	1 1-	6ACWC	0	0	389	136	6	0	1	0.00	11.19	0
CO13387	OC-756084245	12.88	1 1-	6ACWC	0	0	384	135	3	0	0	0.00	11.19	0
CO13430	CO23622911	12.67	5 1-	4ACSR	0	0	396	137	12	1	1	0.02	11.19	0
OC292798951	CO13430	12.67	3 1-	20 N FUSE	0	0	396	137	10	1	7	0.00	11.19	0
CO13431	OC292798951	12.75	3 1-	4ACSR	0	0	392	136	10	1	1	0.01	11.19	0
CO13398	CO13431	12.82	3 1-	2ACSR	0	0	388	136	10	1	1	0.00	11.19	0
CO13390	CO13398	12.87	3 1-	4ACSR	0	0	386	136	10	1	1	0.00	11.20	0
CO30662	CO13390	12.91	2 1-	4ACSR	0	0	383	135	10	1	1	0.00	11.20	0
CO13389	CO30662	12.96	1 1-	4ACSR	0	0	381	135	0	0	0	0.00	11.20	0
CO-827223594	CO23622911	12.61	156 3-	2ACSR	506	482	402	138	715	35	20	0.21	11.37	257
CO13515	CO-827223594	12.66	156 3-	1/0ACSR	504	480	400	138	714	35	15	0.03	11.40	38
CO668338916	CO13515	12.98	155 3-	2ACSR	487	465	386	136	714	35	20	0.29	11.69	358
CO-118966892	CO668338916	13.21	155 3-	2ACSR	476	454	377	135	712	35	20	0.20	11.89	255
CO13506	CO-118966892	13.27	122 3-	1/0ACSR	473	452	374	135	542	26	12	0.03	11.93	28
CO2064600554	CO13506	13.71	122 3-	2ACSR	453	433	357	132	542	26	15	0.30	12.23	286
CO-1776761602	CO2064600554	14.04	112 3-	2ACSR	439	420	346	131	480	23	13	0.20	12.43	170
CO2112484479	CO-1776761602	14.23	112 3-	2ACSR	431	413	339	130	479	23	13	0.11	12.54	96
CO604407734	CO2112484479	14.33	111 3-	2ACSR	427	409	336	130	477	23	13	0.06	12.60	52
CO-260507057	CO604407734	14.63	111 3-	2ACSR	415	398	326	128	476	23	13	0.19	12.79	156

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13395	CO-260507057	14.67	1 1-	4ACSR	0	0	325	128	3	0	0	0.00	12.79	0
OC1870286430	CO13395	14.67	0 1-	20 N FUSE	0	0	325	128	0	0	0	0.00	12.79	0
CO994778840	CO-260507057	14.74	110 3-	2ACSR	411	394	323	128	473	23	13	0.06	12.85	54
CO17094	CO994778840	15.19	0 1-	4ACSR	0	0	306	125	0	0	0	0.00	12.85	0
CO13583	CO17094	15.28	0 1-	4ACSR	0	0	303	124	0	0	0	0.00	12.85	0
CO13582	CO17094	15.28	0 1-	4ACSR	0	0	303	124	0	0	0	0.00	12.85	0
CO-753821881	CO994778840	14.83	110 3-	2ACSR	408	391	320	127	472	23	13	0.06	12.91	46
CO2069782642	CO-753821881	15.08	110 3-	2ACSR	399	383	313	126	472	23	13	0.15	13.06	124
CO13555	CO2069782642	15.12	1 1-	4ACSR	0	0	311	126	1	0	0	0.00	13.06	0
OC-1898752221	CO13555	15.12	0 1-	20 N FUSE	0	0	311	126	0	0	0	0.00	13.06	0
CO13554	CO2069782642	15.15	1 1-	4ACSR	0	0	310	126	4	0	0	0.00	13.06	0
OC990428307	CO13554	15.15	0 1-	20 N FUSE	0	0	310	126	0	0	0	0.00	13.06	0
CO13530	CO2069782642	15.11	108 3-	1/0ACSR	398	382	312	126	466	23	10	0.01	13.07	10
CO1749697684	CO13530	15.30	108 3-	2ACSR	392	376	307	125	466	23	13	0.12	13.19	95
CO13703	CO1749697684	15.31	31 1-	4ACSR	0	0	307	125	126	18	14	0.01	13.19	0
OC394	CO13703	15.31	31 1-	15 H OCR	0	0	307	125	126	18	126	0.00	13.19	0
CO13704	OC394	15.39	31 1-	4ACSR	0	0	304	125	126	18	14	0.07	13.26	16
CO13654	CO13704	15.56	31 1-	4ACSR	0	0	298	124	126	18	14	0.14	13.40	30
CO13710	CO13654	15.71	29 1-	4ACSR	0	0	293	123	117	17	13	0.12	13.52	25
CO13650	CO13710	15.81	4 1-	4ACSR	0	0	290	122	18	2	2	0.01	13.53	0
CO13649	CO13650	15.91	3 1-	4ACSR	0	0	287	122	16	2	2	0.01	13.54	0
CO13655	CO13649	16.08	3 1-	4ACSR	0	0	282	121	16	2	2	0.01	13.55	0
CO13656	CO13655	16.12	1 1-	4ACSR	0	0	281	120	6	0	1	0.00	13.55	0
CO13657	CO13710	15.89	25 1-	4ACSR	0	0	287	122	99	14	11	0.12	13.64	21
CO13658	CO13657	16.23	24 1-	4ACSR	0	0	277	120	94	14	10	0.22	13.85	36
CO13550	CO13658	16.58	21 1-	4ACSR	0	0	268	118	86	12	9	0.20	14.05	31
CO13549	CO13550	16.65	20 1-	4ACSR	0	0	266	117	71	10	8	0.04	14.09	5
CO13659	CO13549	16.70	15 1-	4ACSR	0	0	264	117	40	6	4	0.01	14.10	0
CO13660	CO13659	16.75	14 1-	4ACSR	0	0	263	117	31	4	3	0.01	14.11	0
CO-1155855304	CO13660	16.84	1 1-	2ACSR	0	0	261	117	0	0	0	0.00	14.11	0
CO13548	CO13660	17.17	11 1-	4ACSR	0	0	252	115	22	3	2	0.06	14.18	3
CO13547	CO13548	17.39	9 1-	4ACSR	0	0	247	114	20	3	2	0.02	14.20	0
CO13574	CO13547	17.50	1 1-	4ACSR	0	0	245	113	3	0	0	0.00	14.20	0
CO13622	CO13547	17.47	6 1-	4ACSR	0	0	245	113	11	1	1	0.01	14.21	0
CO13621	CO13622	17.50	6 1-	4ACSR	0	0	245	113	11	1	1	0.00	14.21	0
CO13546	CO13621	17.61	6 1-	4ACSR	0	0	242	112	11	1	1	0.01	14.22	0
CO13641	CO13546	17.69	5 1-	4ACSR	0	0	240	112	9	1	1	0.00	14.22	0
CO13640	CO13641	17.71	5 1-	4ACSR	0	0	240	112	9	1	1	0.00	14.22	0
CO13661	CO13640	17.90	4 1-	4ACSR	0	0	236	111	8	1	1	0.01	14.23	0
CO13662	CO13661	17.95	2 1-	4ACSR	0	0	235	111	8	1	1	0.00	14.24	0
CO13573	CO13546	17.91	1 1-	4ACSR	0	0	236	111	2	0	0	0.00	14.22	0
CO13545	CO13621	17.88	0 1-	4ACSR	0	0	236	111	0	0	0	0.00	14.21	0
CO13572	CO13545	18.07	0 1-	4ACSR	0	0	232	110	0	0	0	0.00	14.21	0
CO13663	CO13545	17.95	0 1-	4ACSR	0	0	235	111	0	0	0	0.00	14.21	0
CO13664	CO13663	17.97	0 1-	4ACSR	0	0	234	111	0	0	0	0.00	14.21	0
CO13643	CO13548	17.34	2 1-	4ACSR	0	0	248	114	2	0	0	0.00	14.18	0
CO13642	CO13643	17.38	2 1-	4ACSR	0	0	247	114	2	0	0	0.00	14.18	0
CO13576	CO13642	17.47	1 1-	4ACSR	0	0	245	113	2	0	0	0.00	14.18	0
CO13575	CO13642	17.42	1 1-	4ACSR	0	0	246	113	1	0	0	0.00	14.18	0
CO13577	CO13660	16.82	2 1-	4ACSR	0	0	261	117	8	1	1	0.00	14.11	0
CO13646	CO13549	16.79	5 1-	4ACSR	0	0	262	117	31	4	3	0.03	14.12	0
CO13692	CO13646	16.82	5 1-	4ACSR	0	0	261	117	31	4	3	0.00	14.12	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13645	CO13692	16.83	2 1-	4ACSR	0	0	261	116	10	1	1	0.00	14.12	0
CO13644	CO13645	16.88	2 1-	4ACSR	0	0	260	116	10	1	1	0.00	14.13	0
CO13579	CO13550	16.67	1 1-	4ACSR	0	0	265	117	15	2	2	0.00	14.06	0
CO13578	CO13550	16.63	0 1-	4ACSR	0	0	266	118	0	0	0	0.00	14.05	0
CO13581	CO13658	16.28	1 1-	4ACSR	0	0	276	120	5	0	1	0.00	13.85	0
CO13625	CO13658	16.41	2 1-	4ACSR	0	0	272	119	3	0	0	0.00	13.86	0
CO13589	CO13625	16.45	1 1-	2ACSR	0	0	271	119	3	0	0	0.00	13.86	0
CO13624	CO13625	16.51	0 1-	4ACSR	0	0	269	118	0	0	0	0.00	13.86	0
CO13623	CO13624	16.77	0 1-	4ACSR	0	0	262	117	0	0	0	0.00	13.86	0
CO13648	CO13623	16.89	0 1-	4ACSR	0	0	259	116	0	0	0	0.00	13.86	0
CO13647	CO13648	16.99	0 1-	4ACSR	0	0	257	116	0	0	0	0.00	13.86	0
CO13580	CO13623	16.85	0 1-	4ACSR	0	0	261	116	0	0	0	0.00	13.86	0
CO-973969714	CO1749697684	15.47	77 3-	2ACSR	386	371	302	124	339	16	9	0.07	13.26	45
CO13699	CO-973969714	15.48	33 1-	4ACSR	0	0	302	124	167	25	18	0.01	13.27	2
OC392	CO13699	15.48	33 1-	25 H OCR	0	0	302	124	167	25	100	0.00	13.27	0
CO13700	OC392	15.62	33 1-	4ACSR	0	0	297	124	167	25	18	0.15	13.42	46
CO13665	CO13700	15.65	33 1-	4ACSR	0	0	296	123	167	25	18	0.04	13.46	11
CO13666	CO13665	15.82	32 1-	4ACSR	0	0	291	122	160	23	17	0.19	13.64	53
CO13533	CO13666	16.01	11 1-	4ACSR	0	0	285	121	36	5	4	0.05	13.69	3
CO13534	CO13533	16.14	11 1-	4ACSR	0	0	281	121	36	5	4	0.03	13.72	2
CO13633	CO13534	16.26	2 1-	4ACSR	0	0	278	120	15	2	2	0.01	13.73	0
CO13632	CO13633	16.41	1 1-	4ACSR	0	0	273	119	8	1	1	0.00	13.74	0
CO13595	CO13534	16.32	9 1-	4ACSR	0	0	276	120	21	3	2	0.02	13.75	0
CO13594	CO13595	16.59	9 1-	4ACSR	0	0	268	118	21	3	2	0.04	13.79	0
CO13379	CO13594	16.73	1 1-	4ACSR	0	0	265	117	0	0	0	0.00	13.79	0
CO13597	CO13594	16.72	5 1-	4ACSR	0	0	265	117	17	2	2	0.01	13.80	0
CO13596	CO13597	16.78	4 1-	4ACSR	0	0	263	117	15	2	2	0.01	13.81	0
CO13668	CO13596	16.83	4 1-	4ACSR	0	0	262	117	15	2	2	0.00	13.81	0
CO17093	CO13668	17.02	3 1-	4ACSR	0	0	257	116	15	2	2	0.02	13.83	0
CO13497	CO17093	17.06	3 1-	4ACSR	0	0	256	116	15	2	2	0.00	13.83	0
CO13496	CO13497	17.50	2 1-	4ACSR	0	0	246	113	4	0	0	0.01	13.84	0
CO13631	CO13594	16.69	2 1-	4ACSR	0	0	266	118	4	0	0	0.00	13.79	0
CO13630	CO13631	16.72	1 1-	4ACSR	0	0	265	117	4	0	0	0.00	13.79	0
CO13557	CO13533	16.08	0 1-	4ACSR	0	0	283	121	0	0	0	0.00	13.69	0
CO13532	CO13666	15.89	21 1-	4ACSR	0	0	289	122	123	18	13	0.06	13.70	13
CO13593	CO13532	16.00	20 1-	4ACSR	0	0	285	121	116	17	13	0.08	13.79	17
CO13667	CO13593	16.02	20 1-	4ACSR	0	0	285	121	116	17	13	0.02	13.80	3
CO17092	CO13667	16.13	19 1-	4ACSR	0	0	281	121	114	17	12	0.08	13.89	17
CO13487	CO17092	16.20	17 1-	4ACSR	0	0	279	120	100	15	11	0.05	13.93	9
CO13374	CO13487	16.28	1 1-	4ACSR	0	0	277	120	0	0	0	0.00	13.93	0
CO13360	CO13487	16.26	16 1-	4ACSR	0	0	278	120	100	15	11	0.03	13.97	6
CO13376	CO13360	16.34	0 1-	4ACSR	0	0	275	119	0	0	0	0.00	13.97	0
CO13375	CO13360	16.30	2 1-	4ACSR	0	0	276	120	20	2	2	0.00	13.97	0
CO13488	CO13360	16.47	14 1-	4ACSR	0	0	272	119	80	12	9	0.11	14.08	16
CO59650245	CO13488	16.61	12 1-	2ACSR	0	0	269	118	76	11	6	0.05	14.13	7
CO1453384382	CO59650245	16.66	1 1-	2ACSR	0	0	268	118	8	1	1	0.00	14.13	0
CO70533784	CO59650245	16.64	11 1-	2ACSR	0	0	268	118	67	10	6	0.01	14.14	0
CO13361	CO70533784	16.77	10 1-	4ACSR	0	0	265	117	66	9	7	0.06	14.20	7
CO13378	CO13361	16.82	2 1-	4ACSR	0	0	263	117	12	1	1	0.00	14.20	0
CO13490	CO13361	16.78	8 1-	4ACSR	0	0	264	117	54	8	6	0.00	14.20	0
CO13495	CO13490	16.95	4 1-	4ACSR	0	0	260	116	32	4	3	0.03	14.23	0
CO13494	CO13495	17.16	3 1-	4ACSR	0	0	255	115	27	4	3	0.03	14.26	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13493	CO13494	17.23	2 1-	4ACSR	0	0	253	115	16	2	2	0.01	14.27	0
CO13492	CO13493	17.37	1 1-	4ACSR	0	0	250	114	13	1	1	0.01	14.28	0
CO13491	CO13492	17.46	1 1-	4ACSR	0	0	247	114	13	1	1	0.00	14.29	0
CO13377	CO70533784	16.73	1 1-	4ACSR	0	0	265	118	2	0	0	0.00	14.14	0
CO13556	CO13532	15.96	1 1-	4ACSR	0	0	286	122	7	1	1	0.00	13.71	0
CO13535	CO-973969714	15.53	44 1-	4ACSR	0	0	300	124	172	25	18	0.07	13.33	20
CO13701	CO13535	15.54	40 1-	4ACSR	0	0	300	124	159	23	17	0.01	13.33	0
OC393	CO13701	15.54	40 1-	15 H OCR	0	0	300	124	159	23	159	0.00	13.33	0
CO13702	OC393	15.60	40 1-	4ACSR	0	0	298	124	159	23	17	0.07	13.40	19
CO13669	CO13702	15.75	39 1-	4ACSR	0	0	293	123	158	23	17	0.16	13.56	46
CO13600	CO13669	15.88	37 1-	4ACSR	0	0	289	122	154	23	17	0.14	13.70	37
CO13599	CO13600	15.91	36 1-	4ACSR	0	0	288	122	148	22	16	0.03	13.72	7
CO399039947	CO13599	15.94	36 1-	4ACSR	0	0	287	122	148	22	16	0.04	13.76	10
CO-1596632197	CO399039947	16.13	35 1-	4ACSR	0	0	281	121	145	21	16	0.19	13.94	48
CO13537	CO-1596632197	16.22	31 1-	4ACSR	0	0	279	120	126	18	14	0.08	14.02	18
CO13602	CO13537	16.34	28 1-	4ACSR	0	0	275	119	120	18	13	0.09	14.12	20
CO13601	CO13602	16.37	28 1-	4ACSR	0	0	274	119	120	18	13	0.02	14.14	5
CO13538	CO13601	16.39	26 1-	4ACSR	0	0	274	119	109	16	12	0.02	14.16	3
CO13670	CO13538	16.49	24 1-	4ACSR	0	0	271	119	92	13	10	0.06	14.22	10
CO13671	CO13670	16.58	23 1-	4ACSR	0	0	268	118	92	13	10	0.06	14.28	10
CO13637	CO13671	16.87	2 1-	4ACSR	0	0	261	117	8	1	1	0.02	14.29	0
CO13636	CO13637	16.89	2 1-	4ACSR	0	0	260	116	8	1	1	0.00	14.29	0
CO13564	CO13636	16.93	0 1-	4ACSR	0	0	259	116	0	0	0	0.00	14.29	0
CO13565	CO13637	16.92	0 1-	4ACSR	0	0	260	116	0	0	0	0.00	14.29	0
CO13672	CO13671	16.64	20 1-	4ACSR	0	0	267	118	81	12	9	0.03	14.31	5
CO13673	CO13672	16.71	19 1-	4ACSR	0	0	265	117	81	12	9	0.04	14.35	5
CO13674	CO13673	16.79	18 1-	4ACSR	0	0	263	117	77	11	8	0.04	14.39	6
CO13603	CO13674	16.82	18 1-	4ACSR	0	0	262	117	77	11	8	0.02	14.40	0
CO13675	CO13603	16.93	18 1-	4ACSR	0	0	259	116	77	11	8	0.06	14.46	8
CO13676	CO13675	17.00	18 1-	4ACSR	0	0	258	116	77	11	8	0.04	14.50	5
CO13539	CO13676	17.17	16 1-	4ACSR	0	0	253	115	62	9	7	0.07	14.57	8
CO13540	CO13539	17.33	16 1-	4ACSR	0	0	250	114	62	9	7	0.07	14.64	7
CO13569	CO13540	17.43	1 1-	4ACSR	0	0	247	114	7	1	1	0.00	14.64	0
CO13541	CO13540	17.47	15 1-	4ACSR	0	0	246	113	55	8	6	0.05	14.69	5
CO13677	CO13541	17.54	14 1-	4ACSR	0	0	245	113	55	8	6	0.02	14.72	2
OC286912396	CO13677	17.54	13 1-	20 N FUSE	0	0	245	113	54	8	41	0.00	14.72	0
CO13678	OC286912396	17.88	13 1-	4ACSR	0	0	237	111	54	8	6	0.13	14.84	12
CO17151	CO13678	18.10	13 1-	4ACSR	0	0	232	110	54	8	6	0.08	14.92	8
CO13871	CO17151	18.20	12 1-	4ACSR	0	0	230	110	53	7	6	0.04	14.96	4
CO13872	CO13871	18.27	12 1-	4ACSR	0	0	229	110	52	7	6	0.02	14.98	2
CO13803	CO13872	18.35	1 1-	4ACSR	0	0	227	109	8	1	1	0.00	14.98	0
CO13817	CO13872	18.33	11 1-	4ACSR	0	0	228	109	45	6	5	0.02	15.00	0
CO13880	CO13817	18.46	9 1-	4ACSR	0	0	225	109	39	5	4	0.03	15.03	0
CO13879	CO13880	18.51	8 1-	4ACSR	0	0	224	108	28	4	3	0.01	15.04	0
CO13881	CO13879	18.56	7 1-	4ACSR	0	0	223	108	27	4	3	0.01	15.05	0
CO13804	CO13881	18.69	3 1-	4ACSR	0	0	221	108	14	2	2	0.01	15.05	0
CO13844	CO13881	18.80	4 1-	4ACSR	0	0	219	107	13	1	1	0.02	15.07	0
CO13845	CO13844	19.02	4 1-	4ACSR	0	0	215	106	13	1	1	0.02	15.09	0
CO13846	CO13845	19.06	4 1-	4ACSR	0	0	214	106	13	1	1	0.00	15.09	0
CO13847	CO13846	19.35	4 1-	4ACSR	0	0	209	105	13	1	1	0.03	15.12	0
OC1652324687	CO13847	19.35	4 1-	20 N FUSE	0	0	209	105	13	1	10	0.00	15.12	0
CO13848	OC1652324687	19.49	4 1-	4ACSR	0	0	207	104	13	1	1	0.01	15.13	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13849	CO13848	19.55	4 1-	4ACSR	0	0	206	104	13	1	1	0.00	15.13	0
CO13850	CO13849	19.63	3 1-	4ACSR	0	0	204	103	6	0	1	0.00	15.14	0
CO13823	CO13850	19.67	2 1-	4ACSR	0	0	204	103	6	0	1	0.00	15.14	0
CO13824	CO13823	19.76	1 1-	4ACSR	0	0	202	103	3	0	0	0.00	15.14	0
CO13854	CO13850	19.68	1 1-	4ACSR	0	0	204	103	0	0	0	0.00	15.14	0
CO13855	CO13854	19.79	0 1-	4ACSR	0	0	202	103	0	0	0	0.00	15.14	0
CO13856	CO13855	19.92	0 1-	4ACSR	0	0	200	102	0	0	0	0.00	15.14	0
CO13606	CO13541	17.66	1 1-	4ACSR	0	0	242	112	0	0	0	0.00	14.69	0
CO13708	CO13606	18.16	1 1-	4ACSR	0	0	231	110	0	0	0	0.00	14.69	0
CO13620	CO13708	18.29	1 1-	4ACSR	0	0	229	109	0	0	0	0.00	14.69	0
CO13619	CO13620	18.40	1 1-	4ACSR	0	0	226	109	0	0	0	0.00	14.69	0
CO13568	CO13539	17.28	0 1-	4ACSR	0	0	251	114	0	0	0	0.00	14.57	0
CO13567	CO13676	17.12	0 1-	4ACSR	0	0	254	115	0	0	0	0.00	14.50	0
CO13566	CO13676	17.10	2 1-	4ACSR	0	0	255	115	16	2	2	0.01	14.51	0
CO13605	CO13603	16.91	0 1-	4ACSR	0	0	260	116	0	0	0	0.00	14.40	0
CO13604	CO13605	17.19	0 1-	4ACSR	0	0	253	115	0	0	0	0.00	14.40	0
CO13563	CO13538	16.43	2 1-	4ACSR	0	0	273	119	17	2	2	0.00	14.16	0
CO13635	CO13601	16.41	2 1-	4ACSR	0	0	273	119	12	1	1	0.00	14.14	0
CO13634	CO13635	16.44	1 1-	4ACSR	0	0	272	119	2	0	0	0.00	14.14	0
CO13562	CO13537	16.34	3 1-	4ACSR	0	0	275	119	5	0	1	0.00	14.03	0
CO13536	CO-1596632197	16.23	4 1-	4ACSR	0	0	278	120	20	2	2	0.01	13.96	0
CO13561	CO13536	16.52	1 1-	4ACSR	0	0	270	118	13	1	1	0.01	13.97	0
CO13679	CO13536	16.34	1 1-	4ACSR	0	0	275	119	4	0	0	0.00	13.96	0
CO-938409196	CO13679	16.37	0 1-	2ACSR	0	0	275	119	0	0	0	0.00	13.96	0
CO13680	CO13679	16.55	1 1-	4ACSR	0	0	269	118	4	0	0	0.00	13.96	0
CO13693	CO13680	16.59	0 1-	4ACSR	0	0	268	118	0	0	0	0.00	13.96	0
CO13694	CO13693	16.60	0 1-	4ACSR	0	0	268	118	0	0	0	0.00	13.96	0
CO333944830	CO399039947	16.03	1 1-	2ACSR	0	0	285	121	3	0	0	0.00	13.76	0
CO13587	CO13600	15.90	1 1-	4ACSR	0	0	288	122	5	0	1	0.00	13.70	0
CO13560	CO13669	15.83	1 1-	4ACSR	0	0	291	122	3	0	0	0.00	13.56	0
CO13559	CO13669	15.87	1 1-	4ACSR	0	0	289	122	2	0	0	0.00	13.56	0
CO13558	CO13535	15.62	4 1-	4ACSR	0	0	297	124	13	1	1	0.00	13.33	0
CO13629	CO13530	15.21	0 1-	4ACSR	0	0	308	125	0	0	0	0.00	13.07	0
CO17226	CO13629	15.44	0 1-	4ACSR	0	0	301	124	0	0	0	0.00	13.07	0
CO17227	CO-753821881	14.95	0 1-	4ACSR	0	0	316	127	0	0	0	0.00	12.91	0
OC-308347462	CO17227	14.95	0 1-	20 N FUSE	0	0	316	127	0	0	0	0.00	12.91	0
CO13394	CO2112484479	14.27	1 1-	4ACSR	0	0	337	130	3	0	0	0.00	12.54	0
CO13370	CO2064600554	13.85	10 1-	6ACWC	0	0	351	132	60	8	6	0.05	12.28	6
OC-32983642	CO13370	13.85	9 1-	20 N FUSE	0	0	351	132	57	8	43	0.00	12.28	0
CO13485	OC-32983642	13.90	7 1-	6ACWC	0	0	349	131	55	8	6	0.02	12.30	0
CO13486	CO13485	14.01	7 1-	6ACWC	0	0	344	131	55	8	6	0.04	12.34	4
CO13393	CO13486	14.27	0 1-	4ACSR	0	0	333	129	0	0	0	0.00	12.34	0
CO13504	CO13486	14.10	7 1-	4ACSR	0	0	340	130	55	8	6	0.03	12.37	3
CO13505	CO13504	14.20	6 1-	4ACSR	0	0	336	129	45	6	5	0.03	12.40	2
CO13502	CO13505	14.23	6 1-	4ACSR	0	0	335	129	45	6	5	0.01	12.41	0
CO13503	CO13502	14.27	6 1-	4ACSR	0	0	333	129	45	6	5	0.01	12.42	0
CO13396	CO13503	14.30	1 1-	4ACSR	0	0	332	129	8	1	1	0.00	12.42	0
CO13501	CO13503	14.34	5 1-	4ACSR	0	0	330	128	36	5	4	0.02	12.44	0
CO13500	CO13501	14.37	5 1-	4ACSR	0	0	329	128	36	5	4	0.00	12.44	0
CO13499	CO13500	14.41	3 1-	4ACSR	0	0	327	128	20	3	2	0.00	12.45	0
CO13498	CO13499	14.55	1 1-	4ACSR	0	0	322	127	11	1	1	0.01	12.46	0
CO13399	CO13504	14.12	1 1-	2ACSR	0	0	340	130	10	1	1	0.00	12.37	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13526	CO13486	14.05	0 1-	6ACWC	0	0	342	130	0	0	0	0.00	12.34	0
CO13527	CO13526	14.05	0 1-	6ACWC	0	0	342	130	0	0	0	0.00	12.34	0
SW389-A	CO13527	14.05	0 1-	Open	0	0	342	130	0	0	0	0.00	12.34	0
CO13397	OC-32983642	13.97	2 1-	4ACSR	0	0	346	131	3	0	0	0.00	12.28	0
CO13518	CO2064600554	13.72	0 1-	4ACSR	0	0	357	132	0	0	0	0.00	12.23	0
CO13434	CO-118966892	13.54	33 1-	6ACWC	0	0	360	133	169	25	18	0.37	12.27	110
OC-1089935725	CO13434	13.54	33 1-	20 N FUSE	0	0	360	133	169	25	125	0.00	12.27	0
CO13435	OC-1089935725	13.62	33 1-	6ACWC	0	0	357	132	169	25	18	0.09	12.35	27
CO13436	CO13435	13.82	33 1-	6ACWC	0	0	348	131	168	25	18	0.22	12.58	66
CO13437	CO13436	13.85	33 1-	6ACWC	0	0	346	130	168	25	18	0.04	12.62	12
CO13438	CO13437	13.89	33 1-	6ACWC	0	0	344	130	168	25	18	0.04	12.65	11
CO13439	CO13438	14.11	32 1-	6ACWC	0	0	335	129	157	23	17	0.23	12.89	65
CO13442	CO13439	14.43	3 1-	4ACSR	0	0	322	127	15	2	2	0.03	12.92	0
CO13443	CO13442	14.49	3 1-	4ACSR	0	0	320	126	15	2	2	0.00	12.92	0
CO13444	CO13443	14.57	2 1-	4ACSR	0	0	317	126	11	1	1	0.01	12.93	0
CO13445	CO13444	14.66	2 1-	4ACSR	0	0	313	125	11	1	1	0.00	12.93	0
CO13440	CO13439	14.17	29 1-	6ACWC	0	0	333	128	142	21	15	0.05	12.94	13
CO13441	CO13440	14.36	28 1-	6ACWC	0	0	325	127	138	20	15	0.17	13.11	42
CO13528	CO13441	14.36	28 1-	6ACWC	0	0	325	127	138	20	15	0.01	13.12	0
OC385	CO13528	14.36	28 1-	15 H OCR	0	0	325	127	138	20	138	0.00	13.12	0
CO13446	OC385	14.51	1 1-	6ACWC	0	0	319	126	1	0	0	0.00	13.12	0
OC-2120895543	CO13446	14.51	1 1-	20 N FUSE	0	0	319	126	1	0	1	0.00	13.12	0
CO17125	OC-2120895543	14.95	1 1-	6ACWC	0	0	303	124	1	0	0	0.00	13.12	0
CO11480	CO17125	15.09	1 1-	6ACWC	0	0	299	123	1	0	0	0.00	13.12	0
CO11547	CO11480	15.23	1 1-	6ACWC	0	0	294	122	1	0	0	0.00	13.12	0
CO11546	CO11547	15.46	1 1-	6ACWC	0	0	287	121	1	0	0	0.00	13.12	0
CO11496	CO11546	15.59	1 1-	6ACWC	0	0	283	120	1	0	0	0.00	13.12	0
CO13525	OC385	14.46	27 1-	6ACWC	0	0	321	127	137	20	15	0.09	13.20	21
CO13447	CO13525	14.60	1 1-	4ACSR	0	0	316	126	6	0	1	0.01	13.21	0
CO13448	CO13447	14.66	1 1-	4ACSR	0	0	314	125	6	0	1	0.00	13.21	0
CO13449	CO13448	14.96	1 1-	4ACSR	0	0	303	124	6	0	1	0.01	13.22	0
CO13450	CO13449	15.04	0 1-	4ACSR	0	0	300	123	0	0	0	0.00	13.22	0
CO13451	CO13450	15.12	0 1-	4ACSR	0	0	297	123	0	0	0	0.00	13.22	0
CO13452	CO13451	15.18	0 1-	4ACSR	0	0	295	122	0	0	0	0.00	13.22	0
CO13356	CO13525	14.83	26 1-	6ACWC	0	0	308	124	131	19	14	0.32	13.53	76
CO13453	CO13356	14.92	21 1-	6ACWC	0	0	304	124	106	15	11	0.07	13.60	13
CO13454	CO13453	15.17	21 1-	6ACWC	0	0	296	122	106	15	11	0.17	13.77	33
CO13402	CO13454	15.23	1 1-	2ACSR	0	0	294	122	13	2	1	0.00	13.77	0
CO13455	CO13454	15.21	20 1-	6ACWC	0	0	294	122	92	13	10	0.03	13.80	5
CO13358	CO13455	15.65	19 1-	6ACWC	0	0	281	120	83	12	9	0.23	14.03	34
OC-860320609	CO13358	15.65	17 1-	20 N FUSE	0	0	281	120	79	11	60	0.00	14.03	0
CO13359	OC-860320609	15.70	13 1-	6ACWC	0	0	279	119	52	7	6	0.02	14.05	0
CO13458	CO13359	15.80	1 1-	4ACSR	0	0	277	119	4	0	0	0.00	14.06	0
CO13459	CO13458	15.87	1 1-	4ACSR	0	0	275	118	4	0	0	0.00	14.06	0
CO13460	CO13359	15.93	12 1-	6ACWC	0	0	273	118	48	7	5	0.07	14.12	6
CO13461	CO13460	15.97	11 1-	6ACWC	0	0	272	118	45	6	5	0.01	14.14	0
CO17126	CO13461	16.60	7 1-	6ACWC	0	0	255	115	28	4	3	0.12	14.25	6
CO11460	CO17126	16.64	0 1-	4ACSR	0	0	254	114	0	0	0	0.00	14.25	0
CO11451	CO17126	16.93	7 1-	6ACWC	0	0	247	113	28	4	3	0.05	14.30	0
CO11475	CO11451	17.03	6 1-	6ACWC	0	0	245	112	17	2	2	0.01	14.31	0
CO11476	CO11475	17.31	5 1-	6ACWC	0	0	239	111	14	2	2	0.03	14.34	0
CO11510	CO11476	17.36	3 1-	4ACSR	0	0	238	111	10	1	1	0.00	14.34	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11513	CO11510	17.41	2 1-	4ACSR	0	0	237	111	0	0	0	0.00	14.34	0
CO11462	CO11513	17.48	1 1-	4ACSR	0	0	235	110	0	0	0	0.00	14.34	0
CO11511	CO11513	17.48	1 1-	4ACSR	0	0	235	110	0	0	0	0.00	14.34	0
CO11473	CO11511	17.56	0 1-	2ACSR	0	0	234	110	0	0	0	0.00	14.34	0
CO11512	CO11511	17.50	1 1-	4ACSR	0	0	235	110	0	0	0	0.00	14.34	0
CO11477	CO11476	17.50	2 1-	4ACSR	0	0	235	110	4	0	0	0.00	14.34	0
CO11478	CO11477	17.53	1 1-	4ACSR	0	0	234	110	3	0	0	0.00	14.34	0
CO11479	CO11478	17.67	0 1-	4ACSR	0	0	231	109	0	0	0	0.00	14.34	0
CO11461	CO11451	17.16	0 1-	4ACSR	0	0	242	112	0	0	0	0.00	14.30	0
CO13462	CO13461	16.09	4 1-	4ACSR	0	0	268	117	18	2	2	0.01	14.15	0
CO13465	CO13462	16.22	4 1-	4ACSR	0	0	265	117	18	2	2	0.02	14.17	0
CO1476995629	CO13465	16.38	2 1-	2ACSR	0	0	262	116	12	1	1	0.00	14.17	0
CO-152092475	CO1476995629	16.44	1 1-	2ACSR	0	0	260	116	0	0	0	0.00	14.17	0
CO13466	CO13465	16.25	1 1-	4ACSR	0	0	264	116	5	0	1	0.00	14.17	0
CO13464	CO13466	16.32	0 1-	4ACSR	0	0	262	116	0	0	0	0.00	14.17	0
CO13463	CO13464	16.39	0 1-	4ACSR	0	0	260	116	0	0	0	0.00	14.17	0
CO13456	OC-860320609	15.72	4 1-	4ACSR	0	0	279	119	27	4	3	0.01	14.04	0
CO13457	CO13456	15.79	2 1-	4ACSR	0	0	277	119	6	0	1	0.00	14.04	0
CO13373	CO13455	15.29	1 1-	4ACSR	0	0	292	122	9	1	1	0.00	13.80	0
CO13520	CO13356	14.83	5 1-	6ACWC	0	0	307	124	25	3	3	0.00	13.53	0
OC384	CO13520	14.83	5 1-	10 H OCR	0	0	307	124	25	3	37	0.00	13.53	0
CO13521	OC384	14.99	5 1-	6ACWC	0	0	302	123	25	3	3	0.03	13.55	0
CO13357	CO13521	15.24	5 1-	6ACWC	0	0	294	122	25	3	3	0.04	13.60	0
CO13467	CO13357	15.38	4 1-	4ACSR	0	0	289	121	15	2	2	0.01	13.61	0
CO13468	CO13467	15.48	4 1-	4ACSR	0	0	286	121	15	2	2	0.01	13.62	0
CO13469	CO13468	15.60	4 1-	4ACSR	0	0	282	120	15	2	2	0.01	13.63	0
CO13362	CO13469	15.86	1 1-	4ACSR	0	0	275	118	11	1	1	0.02	13.65	0
CO13381	CO13362	16.14	1 1-	4ACSR	0	0	267	117	11	1	1	0.01	13.66	0
CO13380	CO13362	15.97	0 1-	4ACSR	0	0	272	118	0	0	0	0.00	13.65	0
CO13470	CO13469	15.74	3 1-	4ACSR	0	0	278	119	5	0	1	0.00	13.64	0
CO13471	CO13470	15.80	3 1-	4ACSR	0	0	277	119	5	0	1	0.00	13.64	0
CO13475	CO13471	16.04	3 1-	4ACSR	0	0	270	117	5	0	1	0.01	13.65	0
CO13472	CO13475	16.13	3 1-	2ACSR	0	0	268	117	5	0	0	0.00	13.65	0
CO13473	CO13472	16.16	2 1-	2ACSR	0	0	267	117	5	0	0	0.00	13.65	0
CO13474	CO13473	16.24	1 1-	2ACSR	0	0	265	117	5	0	0	0.00	13.65	0
CO13476	CO13475	16.44	0 1-	4ACSR	0	0	259	115	0	0	0	0.00	13.65	0
CO13529	CO13357	15.64	1 1-	6ACWC	0	0	281	120	9	1	1	0.02	13.62	0
CO13369	CO13529	15.91	1 1-	4ACSR	0	0	273	118	9	1	1	0.02	13.64	0
CO13392	CO13369	16.01	0 1-	4ACSR	0	0	270	118	0	0	0	0.00	13.64	0
CO13391	CO13369	15.94	1 1-	4ACSR	0	0	272	118	9	1	1	0.00	13.64	0
CO13368	CO13529	15.95	0 1-	6ACWC	0	0	272	118	0	0	0	0.00	13.62	0
SW389-B	CO13368	15.95	0 1-	Open	0	0	272	118	0	0	0	0.00	13.62	0
CO13372	CO13521	15.23	0 1-	4ACSR	0	0	294	122	0	0	0	0.00	13.55	0
CO13371	CO13356	14.92	0 1-	4ACSR	0	0	304	124	0	0	0	0.00	13.53	0
CO13367	CO13515	12.98	0 1-	4ACSR	0	0	382	135	0	0	0	0.00	11.40	0
CO13428	CO-251038377	12.32	2 1-	2ACSR	0	0	416	139	9	1	1	0.00	11.03	0
OC-1697222439	CO13428	12.32	2 1-	20 N FUSE	0	0	416	139	9	1	7	0.00	11.03	0
CO13429	OC-1697222439	12.39	2 1-	2ACSR	0	0	413	139	9	1	1	0.00	11.03	0
CO13400	CO-1497565019	12.20	1 1-	2ACSR	0	0	422	140	4	0	0	0.00	10.95	0
OC-553025562	CO13400	12.20	0 1-	20 N FUSE	0	0	422	140	0	0	0	0.00	10.95	0
CO13512	CO13423	12.12	6 1-	4ACSR	0	0	426	140	37	5	4	0.01	10.89	0
CO13401	CO13512	12.16	2 1-	2ACSR	0	0	424	140	9	1	1	0.00	10.89	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL13513	COL13512	12.26	3 1-	4ACSR	0	0	417	139	24	3	2	0.02	10.91	0
OC-927734314	COL13513	12.26	3 1-	20 N FUSE	0	0	417	139	24	3	17	0.00	10.91	0
COL13509	OC-927734314	12.31	2 1-	4ACSR	0	0	414	139	17	2	2	0.01	10.92	0
COL13511	COL13509	12.40	2 1-	4ACSR	0	0	408	138	17	2	2	0.01	10.93	0
COL13510	COL13511	12.41	2 1-	4ACSR	0	0	407	138	17	2	2	0.00	10.93	0
COL13508	OC-927734314	12.30	1 1-	4ACSR	0	0	414	139	7	0	1	0.00	10.91	0
COL13507	COL13508	12.34	0 1-	4ACSR	0	0	412	139	0	0	0	0.00	10.91	0
COL12101	CO-1304761795	11.34	0 3-	2ACSR	584	555	470	145	0	0	0	0.00	10.16	0
CO-223442987	CO-1304761795	11.47	60 3-	2ACSR	575	546	462	144	276	13	7	0.05	10.21	23
CO2024595143	CO-223442987	11.69	60 3-	2ACSR	560	532	449	143	276	13	7	0.08	10.29	37
CO-751844449	CO2024595143	11.74	59 3-	2ACSR	557	529	446	142	273	13	7	0.02	10.31	9
CO-915037168	CO-751844449	12.16	59 3-	2ACSR	531	505	423	140	273	13	7	0.14	10.45	67
CO-796786834	CO-915037168	12.27	51 3-	2ACSR	524	499	418	139	247	12	7	0.03	10.48	15
COL11469	CO-796786834	12.39	0 1-	4ACSR	0	0	410	139	0	0	0	0.00	10.48	0
CO-1785010635	CO-796786834	12.33	51 3-	2ACSR	521	496	415	139	247	12	7	0.02	10.50	8
CO2026537600	CO-1785010635	12.91	51 3-	2ACSR	489	467	388	136	246	12	7	0.18	10.68	76
CO224431763	CO2026537600	13.19	43 3-	2ACSR	475	454	376	135	220	10	6	0.08	10.76	30
CO-1653614511	CO224431763	13.35	43 3-	2ACSR	468	447	370	134	220	10	6	0.04	10.80	17
CO-1538473017	CO-1653614511	13.54	43 3-	2ACSR	459	439	363	133	220	10	6	0.05	10.85	20
COL1360316319	CO-1538473017	13.72	43 3-	2ACSR	450	431	355	132	220	10	6	0.05	10.90	20
COL11467	COL1360316319	13.82	0 1-	4ACSR	0	0	351	131	0	0	0	0.00	10.90	0
COL11550	COL1360316319	13.73	43 2-	6ACWC	0	431	355	132	220	16	12	0.00	10.91	0
OC318	COL11550	13.73	43 2-	15 H OCR	0	431	355	132	220	16	108	0.00	10.91	0
COL11551	OC318	13.99	43 2-	6ACWC	0	417	344	130	220	16	12	0.17	11.08	67
COL11527	COL11551	14.02	43 2-	6ACWC	0	416	342	130	220	16	12	0.02	11.10	9
COL11530	COL11527	14.15	42 2-	6ACWC	0	409	337	129	217	15	11	0.09	11.19	34
COL11528	COL11530	14.28	42 2-	6ACWC	0	403	331	128	216	15	11	0.09	11.28	33
COL11529	COL11528	14.52	42 2-	6ACWC	0	392	322	127	216	15	11	0.15	11.43	59
COL11455	COL11529	14.63	4 2-	6ACWC	0	387	318	126	17	1	1	0.01	11.44	0
COL11492	COL11455	14.69	3 2-	6ACWC	0	384	316	126	12	0	1	0.00	11.44	0
COL11493	COL11492	14.82	3 2-	6ACWC	0	379	311	125	12	0	1	0.00	11.45	0
COL11454	COL11493	15.28	3 2-	6ACWC	0	360	295	122	12	0	1	0.02	11.46	0
COL11466	COL11454	15.42	0 1-	4ACSR	0	0	291	122	0	0	0	0.00	11.46	0
COL11543	COL11454	15.40	3 2-	6ACWC	0	356	291	122	12	0	1	0.00	11.47	0
COL11542	COL11543	15.42	3 2-	6ACWC	0	355	291	122	12	0	1	0.00	11.47	0
COL11494	COL11542	15.53	3 2-	6ACWC	0	351	287	121	12	0	1	0.00	11.47	0
COL11483	COL11494	15.66	0 1-	4ACSR	0	0	283	120	0	0	0	0.00	11.47	0
COL11484	COL11483	15.70	0 1-	4ACSR	0	0	282	120	0	0	0	0.00	11.47	0
COL11465	COL11494	15.60	1 1-	4ACSR	0	0	285	121	3	0	0	0.00	11.47	0
COL11516	COL11494	15.64	2 1-	4ACSR	0	0	284	120	9	1	1	0.00	11.48	0
COL11517	COL11516	15.74	1 1-	4ACSR	0	0	281	120	0	0	0	0.00	11.48	0
COL11519	COL11493	15.06	0 1-	4ACSR	0	0	303	124	0	0	0	0.00	11.45	0
COL11518	COL11519	15.11	0 1-	4ACSR	0	0	301	123	0	0	0	0.00	11.45	0
COL11453	COL11455	15.22	1 1-	4ACSR	0	0	297	123	5	0	1	0.01	11.45	0
COL11452	COL11529	14.65	38 1-	6ACWC	0	0	317	126	199	29	21	0.17	11.60	58
COL11515	COL11452	14.77	4 1-	4ACSR	0	0	313	125	16	2	2	0.01	11.61	0
COL11514	COL11515	14.91	3 1-	4ACSR	0	0	308	125	9	1	1	0.00	11.62	0
COL11464	COL11515	14.80	1 1-	4ACSR	0	0	312	125	7	1	1	0.00	11.62	0
COL11481	COL11452	14.73	33 1-	6ACWC	0	0	314	126	170	25	18	0.09	11.69	26
COL11482	COL11481	14.85	31 1-	6ACWC	0	0	310	125	154	22	16	0.12	11.81	33
COL17122	COL11482	14.98	30 1-	6ACWC	0	0	305	124	151	22	16	0.12	11.94	33
COL11351	COL17122	15.06	2 1-	4ACSR	0	0	303	124	9	1	1	0.00	11.94	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11350	CO11351	15.10	1 1-	4ACSR	0	0	301	123	6	0	1	0.00	11.94	0
CO11326	CO17122	15.00	28 1-	6ACWC	0	0	305	124	141	20	15	0.02	11.95	5
CO11327	CO11326	15.02	27 1-	6ACWC	0	0	304	124	133	19	14	0.02	11.97	4
CO11323	CO11327	15.08	26 1-	6ACWC	0	0	302	124	126	18	13	0.05	12.02	12
CO11180	CO11323	15.21	24 1-	6ACWC	0	0	298	123	119	17	13	0.09	12.12	19
CO11238	CO11180	15.25	5 1-	4ACSR	0	0	296	123	18	2	2	0.00	12.12	0
CO11202	CO11180	15.28	18 1-	6ACWC	0	0	295	122	93	13	10	0.04	12.16	7
CO11236	CO11202	15.34	2 1-	4ACSR	0	0	293	122	14	2	2	0.00	12.16	0
CO11328	CO11202	15.45	16 1-	6ACWC	0	0	290	121	79	11	8	0.09	12.25	13
CO11329	CO11328	15.69	15 1-	6ACWC	0	0	282	120	77	11	8	0.12	12.37	15
CO11216	CO11329	15.74	2 1-	4ACSR	0	0	281	120	8	1	1	0.00	12.37	0
CO11201	CO11329	15.74	12 1-	4ACSR	0	0	281	120	63	9	7	0.02	12.39	3
CO11361	CO11201	16.07	11 1-	6ACWC	0	0	271	118	52	7	6	0.11	12.50	10
CO11167	CO11361	16.19	5 1-	4ACSR	0	0	268	117	17	2	2	0.01	12.52	0
CO11332	CO11167	16.30	1 1-	4ACSR	0	0	265	117	0	0	0	0.00	12.52	0
CO11333	CO11332	16.36	1 1-	4ACSR	0	0	264	116	0	0	0	0.00	12.52	0
CO11364	CO11333	16.58	0 1-	4ACSR	0	0	258	115	0	0	0	0.00	12.52	0
CO11363	CO11333	16.50	1 1-	4ACSR	0	0	260	116	0	0	0	0.00	12.52	0
CO11331	CO11363	16.55	1 1-	4ACSR	0	0	259	115	0	0	0	0.00	12.52	0
CO11330	CO11331	16.62	1 1-	4ACSR	0	0	257	115	0	0	0	0.00	12.52	0
CO11334	CO11167	16.22	4 1-	4ACSR	0	0	267	117	17	2	2	0.00	12.52	0
CO11335	CO11334	16.32	3 1-	4ACSR	0	0	265	117	16	2	2	0.00	12.53	0
CO11336	CO11361	16.16	6 1-	6ACWC	0	0	269	118	35	5	4	0.02	12.53	0
CO11235	CO11336	16.29	1 1-	2ACSR	0	0	266	117	8	1	1	0.00	12.53	0
CO11337	CO11336	16.21	5 1-	6ACWC	0	0	268	117	27	4	3	0.01	12.53	0
CO11338	CO11337	16.31	2 1-	4ACSR	0	0	265	117	11	1	1	0.01	12.54	0
CO11339	CO11338	16.36	1 1-	4ACSR	0	0	264	116	11	1	1	0.00	12.54	0
CO11166	CO11337	16.33	3 1-	6ACWC	0	0	264	117	16	2	2	0.01	12.55	0
CO11204	CO11166	16.40	2 1-	4ACSR	0	0	263	116	11	1	1	0.00	12.55	0
CO11203	CO11166	16.41	1 1-	4ACSR	0	0	262	116	4	0	0	0.00	12.55	0
CO11231	CO11201	15.79	1 1-	4ACSR	0	0	279	120	10	1	1	0.00	12.39	0
CO11237	CO11323	15.20	2 1-	4ACSR	0	0	298	123	7	0	1	0.00	12.03	0
CO11325	CO11326	15.05	1 1-	4ACSR	0	0	303	124	8	1	1	0.00	11.96	0
CO11324	CO11326	15.06	0 1-	4ACSR	0	0	303	124	0	0	0	0.00	11.95	0
CO11552	CO1360316319	13.73	0 1-	4ACSR	0	0	355	132	0	0	0	0.00	10.90	0
CO11468	CO-1653614511	13.63	0 1-	4ACSR	0	0	356	132	0	0	0	0.00	10.80	0
CO11456	CO2026537600	13.11	8 1-	2ACSR	0	0	379	135	26	3	2	0.02	10.70	0
OC319195630	CO11456	13.11	8 1-	20 N FUSE	0	0	379	135	26	3	19	0.00	10.70	0
CO688638615	OC319195630	13.19	1 1-	2ACSR	0	0	376	135	1	0	0	0.00	10.70	0
CO11522	OC319195630	13.21	5 1-	4ACSR	0	0	374	134	22	3	2	0.01	10.72	0
CO11520	CO11522	13.35	3 1-	4ACSR	0	0	367	133	16	2	2	0.01	10.73	0
CO11472	CO11520	13.38	2 1-	4ACSR	0	0	366	133	12	1	1	0.00	10.73	0
CO11521	CO11520	13.40	1 1-	4ACSR	0	0	365	133	4	0	0	0.00	10.73	0
CO11541	OC319195630	13.16	2 1-	4ACSR	0	0	377	135	3	0	0	0.00	10.70	0
CO11540	CO11541	13.18	2 1-	4ACSR	0	0	376	135	3	0	0	0.00	10.70	0
CO11491	CO11540	13.20	0 1-	4ACSR	0	0	375	134	0	0	0	0.00	10.70	0
CO11470	CO-915037168	12.39	0 1-	4ACSR	0	0	409	138	0	0	0	0.00	10.45	0
CO11548	CO-915037168	12.16	8 1-	4ACSR	0	0	423	140	26	3	3	0.00	10.45	0
OC319	CO11548	12.16	8 1-	15 H OCR	0	0	423	140	26	3	26	0.00	10.45	0
CO11549	OC319	12.57	8 1-	4ACSR	0	0	398	137	26	3	3	0.07	10.52	3
OC-1104864701	CO11549	12.57	8 1-	20 N FUSE	0	0	398	137	26	3	19	0.00	10.52	0
CO17040	OC-1104864701	12.84	6 1-	4ACSR	0	0	383	135	15	2	2	0.03	10.55	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17041	CO17040	12.95	1 1-	4ACSR	0	0	377	134	0	0	0	0.00	10.55	0
CO10559	CO17040	12.96	0 1-	4ACSR	0	0	377	134	0	0	0	0.00	10.55	0
CO10537	CO17040	12.88	5 1-	4ACSR	0	0	381	135	15	2	2	0.00	10.55	0
CO10581	CO10537	12.98	3 1-	4ACSR	0	0	376	134	11	1	1	0.01	10.56	0
CO10582	CO10581	13.01	3 1-	4ACSR	0	0	374	134	11	1	1	0.00	10.56	0
CO10658	CO10582	13.20	2 1-	4ACSR	0	0	365	133	2	0	0	0.00	10.56	0
CO10659	CO10658	13.29	2 1-	4ACSR	0	0	360	132	2	0	0	0.00	10.56	0
CO10630	CO10659	13.36	1 1-	4ACSR	0	0	357	131	0	0	0	0.00	10.56	0
CO10561	CO10582	13.07	1 1-	4ACSR	0	0	371	133	8	1	1	0.00	10.56	0
CO10560	CO10537	12.96	2 1-	4ACSR	0	0	377	134	5	0	0	0.00	10.55	0
CO11459	OC-1104864701	12.62	2 1-	4ACSR	0	0	396	137	11	1	1	0.00	10.52	0
CO11526	CO11459	12.75	1 1-	4ACSR	0	0	388	136	11	1	1	0.01	10.53	0
CO11474	CO11526	12.80	1 1-	2ACSR	0	0	386	135	11	1	1	0.00	10.53	0
CO11525	CO11526	12.76	0 1-	4ACSR	0	0	388	136	0	0	0	0.00	10.53	0
CO11499	CO11459	12.69	1 1-	4ACSR	0	0	392	136	0	0	0	0.00	10.52	0
CO11500	CO11499	13.02	1 1-	4ACSR	0	0	374	134	0	0	0	0.00	10.52	0
CO11458	CO11500	13.04	1 1-	4ACSR	0	0	373	134	0	0	0	0.00	10.52	0
CO11489	CO11458	13.07	1 1-	4ACSR	0	0	371	133	0	0	0	0.00	10.52	0
CO11490	CO11489	13.21	1 1-	4ACSR	0	0	364	132	0	0	0	0.00	10.52	0
CO11532	CO11490	13.22	1 1-	4ACSR	0	0	364	132	0	0	0	0.00	10.52	0
CO11531	CO11532	13.29	1 1-	4ACSR	0	0	361	132	0	0	0	0.00	10.52	0
CO11523	CO11500	13.14	0 1-	4ACSR	0	0	368	133	0	0	0	0.00	10.52	0
CO11524	CO11523	13.23	0 1-	4ACSR	0	0	363	132	0	0	0	0.00	10.52	0
CO11463	CO2024595143	11.78	1 1-	4ACSR	0	0	442	142	3	0	0	0.00	10.29	0
CO12025	CO-2048359733	11.05	5 1-	4ACSR	0	0	481	145	14	2	1	0.03	9.23	0
CO12026	CO12025	11.19	3 1-	4ACSR	0	0	470	144	10	1	1	0.01	9.24	0
CO11974	CO12026	11.24	2 1-	4ACSR	0	0	467	144	9	1	1	0.00	9.24	0
CO11973	CO12026	11.23	1 1-	4ACSR	0	0	467	144	1	0	0	0.00	9.24	0
CO11968	CO-2079112698	8.97	1 1-	4ACSR	0	0	677	159	0	0	0	0.00	6.67	0
CO12061+	CO12055	7.99	1 1-	4ACSR	0	0	953	284	3	0	0	0.00	3.38	0
OC983143865+	CO12061	7.99	1 1-	20 N FUSE	0	0	953	284	3	0	1	0.00	3.38	0
CO12062+	OC983143865	8.10	1 1-	4ACSR	0	0	936	282	3	0	0	0.00	3.38	0
CO12060+	CO12062	8.20	1 1-	4ACSR	0	0	920	280	3	0	0	0.00	3.38	0
CO12059+	CO12060	8.34	1 1-	4ACSR	0	0	897	278	3	0	0	0.00	3.38	0
CO12058+	CO12059	8.47	1 1-	4ACSR	0	0	878	276	3	0	0	0.00	3.38	0
CO12057+	CO12058	8.51	1 1-	4ACSR	0	0	873	276	3	0	0	0.00	3.38	0
CO12056+	CO12057	8.58	1 1-	4ACSR	0	0	863	275	3	0	0	0.00	3.38	0
CO11989+	CO12053	7.47	1 1-	4ACSR	0	0	1031	290	20	1	1	0.00	3.25	0
OC-1119288583+	CO11989	7.47	0 1-	20 N FUSE	0	0	1031	290	0	0	0	0.00	3.25	0
CO12110+	CO12105	7.25	0 1-	4ACSR	0	0	1061	292	0	0	0	0.00	3.18	0
OC2037110632+	CO12110	7.25	0 1-	20 N FUSE	0	0	1061	292	0	0	0	0.00	3.18	0
CO12111+	OC2037110632	7.31	0 1-	4ACSR	0	0	1049	291	0	0	0	0.00	3.18	0
CO12108+	CO12105	7.24	0 1-	4ACSR	0	0	1063	292	0	0	0	0.00	3.18	0
OC1702957445+	CO12108	7.24	0 1-	20 N FUSE	0	0	1063	292	0	0	0	0.00	3.18	0
CO12109+	OC1702957445	7.26	0 1-	4ACSR	0	0	1059	291	0	0	0	0.00	3.18	0
CO11961+	CO11960	6.81	9 1-	6ACWC	0	0	1112	294	28	1	1	0.01	3.00	0
OC-1936078038+	CO11961	6.81	9 1-	20 N FUSE	0	0	1112	294	28	1	10	0.00	3.00	0
CO11985+	OC-1936078038	6.93	2 1-	6ACWC	0	0	1086	292	15	1	1	0.00	3.00	0
CO12044+	OC-1936078038	6.91	7 1-	6ACWC	0	0	1091	292	13	0	1	0.00	3.00	0
CO12045+	CO12044	7.05	7 1-	6ACWC	0	0	1061	290	13	0	1	0.00	3.00	0
CO11962+	CO12045	7.35	6 1-	6ACWC	0	0	1002	286	8	0	0	0.00	3.01	0
CO17039+	CO11962	7.42	3 1-	6ACWC	0	0	989	284	3	0	0	0.00	3.01	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC1246202222+	CO17039	7.42	2 1-	20 N FUSE	0	0	989	284	1	0	0	0.00	3.01	0
CO10653+	OC1246202222	7.47	2 1-	6ACWC	0	0	980	284	1	0	0	0.00	3.01	0
CO10628+	CO10653	7.75	2 1-	6ACWC	0	0	931	279	1	0	0	0.00	3.01	0
CO10629+	CO10628	7.89	1 1-	6ACWC	0	0	909	277	0	0	0	0.00	3.01	0
CO12046+	CO11962	7.61	3 1-	6ACWC	0	0	955	282	5	0	0	0.00	3.01	0
CO17038+	CO12046	7.82	3 1-	6ACWC	0	0	920	278	5	0	0	0.00	3.01	0
CO10591+	CO17038	7.90	2 1-	6ACWC	0	0	907	277	3	0	0	0.00	3.01	0
CO11986+	CO12045	7.10	0 1-	6ACWC	0	0	1051	289	0	0	0	0.00	3.00	0
CO11984+	CO11959	6.62	1 1-	4ACSR	0	0	1153	297	8	0	0	0.00	2.98	0
OC-1443478761+	CO11984	6.62	0 1-	20 N FUSE	0	0	1153	297	0	0	0	0.00	2.98	0
CO11957+	CO11997	6.82	6 1-	6ACWC	0	0	1100	293	17	1	1	0.01	2.96	0
OC1008387801+	CO11957	6.82	6 1-	25 L OCR	0	0	1100	293	17	1	5	0.00	2.96	0
CO12042+	OC1008387801	6.86	5 1-	6ACWC	0	0	1091	292	8	0	0	0.00	2.96	0
CO12043+	CO12042	6.94	4 1-	6ACWC	0	0	1074	291	1	0	0	0.00	2.96	0
CO11998+	CO12043	7.41	4 1-	6ACWC	0	0	981	284	1	0	0	0.00	2.96	0
CO11982+	CO11998	7.67	0 1-	6ACWC	0	0	936	280	0	0	0	0.00	2.96	0
CO11958+	CO11998	8.04	3 1-	6ACWC	0	0	879	274	1	0	0	0.00	2.96	0
CO17060+	CO11958	8.11	1 1-	6ACWC	0	0	869	273	1	0	0	0.00	2.96	0
CO12088+	CO11958	8.07	2 1-	6ACWC	0	0	875	274	0	0	0	0.00	2.96	0
CO17061+	CO12088	8.28	1 1-	6ACWC	0	0	846	271	0	0	0	0.00	2.96	0
CO11981+	OC1008387801	6.88	1 1-	4ACSR	0	0	1087	292	9	0	0	0.00	2.96	0
CO11983+	CO11997	6.56	3 1-	4ACSR	0	0	1160	297	27	1	1	0.00	2.95	0
OC-448812895+	CO11983	6.56	0 1-	20 N FUSE	0	0	1160	297	0	0	0	0.00	2.95	0
CO385859353+	CO11996	6.48	1 1-	2ACSR	0	0	1176	298	11	0	0	0.00	2.91	0
CO11980+	CO11956	6.47	2 1-	4ACSR	0	0	1162	296	3	0	0	0.00	2.87	0
CO11979+	CO17128	6.03	0 1-	4ACSR	0	0	1255	302	0	0	0	0.00	2.77	0
CO11812+	CO11923	5.97	51 1-	6ACWC	0	0	1247	301	259	17	13	0.09	2.77	36
CO17133+	CO11812	6.17	3 1-	4ACSR	0	0	1192	297	19	1	1	0.01	2.78	0
OC1267199240+	CO17133	6.17	3 1-	20 N FUSE	0	0	1192	297	19	1	6	0.00	2.78	0
CO12074+	OC1267199240	6.26	3 1-	4ACSR	0	0	1170	296	19	1	1	0.00	2.78	0
CO11995+	CO12074	6.33	3 1-	2ACSR	0	0	1155	295	19	1	1	0.00	2.78	0
CO1774360648+	CO11995	6.37	1 1-	1/0PRIURD	0	0	1149	579	0	0	0	0.00	2.78	0
CO-1288678395+	CO11995	6.36	1 1-	1/0PRIURD	0	0	1151	579	11	0	1	0.00	2.78	0
CO12075+	CO12074	6.39	0 1-	4ACSR	0	0	1138	294	0	0	0	0.00	2.78	0
CO11938+	CO11812	5.98	47 1-	4ACSR	0	0	1245	300	236	16	12	0.00	2.77	0
OC332+	CO11938	5.98	47 1-	35 H OCR	0	0	1245	300	236	16	46	0.00	2.77	0
CO11939+	OC332	6.07	47 1-	4ACSR	0	0	1219	299	236	16	12	0.03	2.81	13
CO11924+	CO11939	6.15	45 1-	4ACSR	0	0	1198	298	231	15	11	0.03	2.84	10
CO11925+	CO11924	6.21	45 1-	4ACSR	0	0	1182	297	231	15	11	0.02	2.86	8
CO11854+	CO11925	6.27	2 1-	4ACSR	0	0	1167	296	3	0	0	0.00	2.86	0
CO11813+	CO11925	6.28	42 1-	4ACSR	0	0	1164	295	225	15	11	0.02	2.88	9
CO11814+	CO11813	6.35	41 1-	4ACSR	0	0	1146	294	215	14	11	0.03	2.91	9
CO11928+	CO11814	6.49	41 1-	6ACWC	0	0	1112	292	215	14	11	0.05	2.95	16
CO11929+	CO11928	6.65	41 1-	6ACWC	0	0	1077	289	215	14	11	0.05	3.00	18
CO11930+	CO11929	6.83	40 1-	6ACWC	0	0	1040	287	215	14	11	0.06	3.06	20
CO11828+	CO11930	7.04	0 1-	4ACSR	0	0	998	283	0	0	0	0.00	3.06	0
CO11932+	CO11930	6.90	2 1-	4ACSR	0	0	1026	286	12	0	1	0.00	3.06	0
CO11934+	CO11932	6.91	2 1-	4ACSR	0	0	1023	285	12	0	1	0.00	3.06	0
CO11935+	CO11934	6.94	1 1-	4ACSR	0	0	1016	285	8	0	0	0.00	3.06	0
CO11936+	CO11935	6.99	1 1-	4ACSR	0	0	1008	284	8	0	0	0.00	3.06	0
CO11937+	CO11936	7.02	0 1-	4ACSR	0	0	1003	284	0	0	0	0.00	3.06	0
CO11933+	CO11937	7.09	0 1-	4ACSR	0	0	989	283	0	0	0	0.00	3.06	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11931+	CO11930	6.84	38 1-	6ACWC	0	0	1037	286	203	13	10	0.00	3.07	0
CO17029+	CO11931	7.11	37 1-	6ACWC	0	0	985	282	200	13	10	0.08	3.15	27
OC1495990264+	CO17029	7.11	37 1-	20 N FUSE	0	0	985	282	200	13	69	0.00	3.15	0
CO10330+	OC1495990264	7.15	1 1-	4ACSR	0	0	977	282	1	0	0	0.00	3.15	0
CO10329+	OC1495990264	7.30	1 1-	4ACSR	0	0	952	280	7	0	0	0.00	3.15	0
CO10443+	OC1495990264	7.15	35 1-	6ACWC	0	0	979	282	192	13	9	0.01	3.16	3
CO10444+	CO10443	7.60	33 1-	6ACWC	0	0	902	275	179	12	9	0.12	3.28	37
CO10506+	CO10444	7.65	24 1-	6ACWC	0	0	896	275	120	8	6	0.01	3.29	0
CO10362+	CO10506	7.73	1 1-	4ACSR	0	0	883	273	8	0	0	0.00	3.29	0
CO10507+	CO10506	7.77	23 1-	6ACWC	0	0	878	273	111	7	5	0.02	3.31	4
CO10441+	CO10507	7.80	20 1-	6ACWC	0	0	873	272	101	6	5	0.00	3.32	0
CO10442+	CO10441	7.93	17 1-	6ACWC	0	0	854	271	84	5	4	0.02	3.33	2
CO10332+	CO10442	7.99	1 1-	4ACSR	0	0	846	270	0	0	0	0.00	3.33	0
CO10312+	CO10442	7.97	15 1-	6ACWC	0	0	849	270	81	5	4	0.00	3.34	0
CO10333+	CO10312	8.03	1 1-	4ACSR	0	0	841	269	15	1	1	0.00	3.34	0
CO10313+	CO10312	8.04	14 1-	6ACWC	0	0	839	269	66	4	3	0.01	3.34	0
CO10449+	CO10313	8.29	5 1-	4ACSR	0	0	807	266	29	1	1	0.01	3.35	0
OC-684441453+	CO10449	8.29	3 1-	20 N FUSE	0	0	807	266	24	1	8	0.00	3.35	0
CO-1214204686+	OC-684441453	8.33	0 1-	2ACSR	0	0	803	265	0	0	0	0.00	3.35	0
CO10450+	OC-684441453	8.45	3 1-	4ACSR	0	0	787	264	24	1	1	0.01	3.36	0
CO10334+	CO10450	8.61	1 1-	4ACSR	0	0	768	261	13	0	1	0.00	3.36	0
CO10453+	CO10450	8.62	2 1-	4ACSR	0	0	767	261	10	0	1	0.00	3.36	0
CO10454+	CO10453	8.77	1 1-	4ACSR	0	0	750	259	6	0	0	0.00	3.36	0
CO17031+	CO10454	9.00	1 1-	4ACSR	0	0	725	256	6	0	0	0.00	3.37	0
CO11830+	CO17031	9.22	0 1-	4ACSR	0	0	704	254	0	0	0	0.00	3.37	0
CO11829+	CO17031	9.06	1 1-	4ACSR	0	0	720	256	6	0	0	0.00	3.37	0
CO10314+	CO10313	8.21	9 1-	6ACWC	0	0	817	267	38	2	2	0.01	3.35	0
CO10327+	CO10314	8.44	2 1-	6ACWC	0	0	789	264	14	0	1	0.00	3.36	0
OC860588340+	CO10327	8.44	2 1-	20 N FUSE	0	0	789	264	14	0	5	0.00	3.36	0
CO10356+	OC860588340	8.50	1 1-	750 MCM - 42 Wi	0	0	787	264	12	0	0	0.00	3.36	0
CO10400+	OC860588340	8.45	1 1-	6ACWC	0	0	787	264	2	0	0	0.00	3.36	0
CO10401+	CO10400	8.53	0 1-	6ACWC	0	0	778	263	0	0	0	0.00	3.36	0
CO10402+	CO10401	8.74	0 1-	6ACWC	0	0	754	260	0	0	0	0.00	3.36	0
CO10403+	CO10402	8.90	0 1-	6ACWC	0	0	737	258	0	0	0	0.00	3.36	0
CO10416+	CO10314	8.27	2 1-	4ACSR	0	0	809	266	6	0	0	0.00	3.36	0
CO10417+	CO10416	8.34	1 1-	4ACSR	0	0	801	265	5	0	0	0.00	3.36	0
CO10447+	CO10314	8.35	5 1-	6ACWC	0	0	799	265	18	1	1	0.00	3.36	0
CO10448+	CO10447	8.58	4 1-	6ACWC	0	0	772	262	18	1	1	0.01	3.36	0
CO10436+	CO10448	8.63	4 1-	6ACWC	0	0	767	261	18	1	1	0.00	3.37	0
CO10366+	CO10436	8.78	1 1-	4ACSR	0	0	750	259	1	0	0	0.00	3.37	0
CO10367+	CO10366	9.08	0 1-	4ACSR	0	0	719	256	0	0	0	0.00	3.37	0
CO10315+	CO10436	8.74	2 1-	4ACSR	0	0	754	260	13	0	1	0.00	3.37	0
CO10336+	CO10315	8.77	1 1-	4ACSR	0	0	750	259	1	0	0	0.00	3.37	0
CO10335+	CO10315	8.77	1 1-	4ACSR	0	0	750	259	12	0	1	0.00	3.37	0
CO10414+	CO10507	7.82	1 1-	4ACSR	0	0	869	272	9	0	0	0.00	3.31	0
CO10415+	CO10414	7.85	1 1-	4ACSR	0	0	865	272	9	0	0	0.00	3.31	0
CO10490+	CO10507	7.79	2 1-	4ACSR	0	0	874	273	1	0	0	0.00	3.31	0
CO10491+	CO10490	7.84	1 1-	4ACSR	0	0	867	272	1	0	0	0.00	3.31	0
CO10431+	CO10444	7.80	6 1-	4ACSR	0	0	873	272	49	3	2	0.01	3.30	0
CO10432+	CO10431	7.87	6 1-	4ACSR	0	0	862	271	49	3	2	0.00	3.30	0
CO10311+	CO10432	8.00	4 1-	4ACSR	0	0	844	270	32	2	2	0.01	3.31	0
CO10433+	CO10311	8.12	1 1-	4ACSR	0	0	827	268	6	0	0	0.00	3.31	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10434+	CO10433	8.21	0 1-	4ACSR	0	0	816	267	0	0	0	0.00	3.31	0
CO10435+	CO10434	8.30	0 1-	4ACSR	0	0	805	266	0	0	0	0.00	3.31	0
CO10413+	CO10311	8.01	3 1-	4ACSR	0	0	843	269	26	1	1	0.00	3.31	0
CO10514+	CO10413	8.06	3 1-	4ACSR	0	0	837	269	26	1	1	0.00	3.31	0
CO10515+	CO10514	8.09	1 1-	4ACSR	0	0	831	268	8	0	0	0.00	3.31	0
CO10360+	CO10514	8.09	1 1-	2ACSR	0	0	833	268	7	0	0	0.00	3.31	0
CO10331+	CO10432	7.94	1 1-	4ACSR	0	0	852	270	8	0	0	0.00	3.30	0
CO10430+	CO10444	7.69	3 1-	4ACSR	0	0	889	274	10	0	0	0.00	3.28	0
OC-26786578+	CO10430	7.69	2 1-	20 N FUSE	0	0	889	274	9	0	3	0.00	3.28	0
CO10445+	OC-26786578	7.82	2 1-	4ACSR	0	0	869	272	9	0	0	0.00	3.29	0
CO10446+	CO10445	8.15	1 1-	4ACSR	0	0	824	268	3	0	0	0.00	3.29	0
CO17030+	CO10446	8.30	1 1-	4ACSR	0	0	805	265	3	0	0	0.00	3.29	0
CO11904+	CO17030	8.38	1 1-	4ACSR	0	0	795	264	3	0	0	0.00	3.29	0
CO11905+	CO11904	8.49	1 1-	4ACSR	0	0	782	263	3	0	0	0.00	3.29	0
CO11906+	CO11905	8.55	1 1-	4ACSR	0	0	774	262	3	0	0	0.00	3.29	0
CO11907+	CO11906	8.76	1 1-	4ACSR	0	0	751	259	3	0	0	0.00	3.29	0
CO11908+	CO11907	8.88	1 1-	4ACSR	0	0	738	258	3	0	0	0.00	3.29	0
CO11909+	CO11908	8.92	1 1-	4ACSR	0	0	734	257	3	0	0	0.00	3.29	0
CO11926+	CO11814	6.61	0 1-	4ACSR	0	0	1085	290	0	0	0	0.00	2.91	0
CO11927+	CO11926	6.69	0 1-	4ACSR	0	0	1068	289	0	0	0	0.00	2.91	0
CO11853+	CO11813	6.34	1 1-	4ACSR	0	0	1150	294	9	0	0	0.00	2.88	0
CO11915+	CO11809	4.67	5 1-	6ACWC	0	0	1566	313	10	0	0	0.00	2.22	0
CO-446868245+	CO11915	4.73	5 1-	6ACWC	0	0	1540	312	10	0	0	0.00	2.22	0
CO1665880587+	CO-446868245	4.91	4 1-	6ACWC	0	0	1466	309	9	0	0	0.00	2.22	0
CO11824+	CO1665880587	4.97	1 1-	4ACSR	0	0	1442	308	5	0	0	0.00	2.22	0
CO11942+	CO1665880587	4.91	3 1-	6ACWC	0	0	1464	309	4	0	0	0.00	2.22	0
OC331+	CO11942	4.91	3 1-	35 H OCR	0	0	1464	309	4	0	1	0.00	2.22	0
CO11943+	OC331	4.92	3 1-	6ACWC	0	0	1460	308	4	0	0	0.00	2.22	0
CO11944+	CO11943	5.02	2 1-	6ACWC	0	0	1422	307	1	0	0	0.00	2.22	0
CO11918+	CO11944	5.20	1 1-	6ACWC	0	0	1359	304	0	0	0	0.00	2.22	0
CO11825+	CO11918	5.26	0 1-	4ACSR	0	0	1337	302	0	0	0	0.00	2.22	0
CO11810+	CO11918	5.60	1 1-	6ACWC	0	0	1233	297	0	0	0	0.00	2.22	0
CO11826+	CO11810	5.84	1 1-	4ACSR	0	0	1169	293	0	0	0	0.00	2.22	0
CO11919+	CO11810	6.05	0 1-	6ACWC	0	0	1116	290	0	0	0	0.00	2.22	0
CO11920+	CO11919	6.44	0 1-	6ACWC	0	0	1032	284	0	0	0	0.00	2.22	0
CO11811+	CO11920	6.94	0 1-	6ACWC	0	0	938	276	0	0	0	0.00	2.22	0
CO11827+	CO11920	6.53	0 1-	4ACSR	0	0	1013	282	0	0	0	0.00	2.22	0
CO-1135043389+	CO-446868245	4.85	1 1-	6ACWC	0	0	1491	310	1	0	0	0.00	2.22	0
CO12311+	CO12211	3.99	19 1-	4ACSR	0	0	1812	320	85	5	4	0.00	1.95	0
OC340+	CO12311	3.99	19 1-	50 L OCR	0	0	1812	320	85	5	0	0.00	1.95	0
CO12310+	OC340	4.07	19 1-	4ACSR	0	0	1762	318	85	5	4	0.01	1.96	0
CO12230+	CO12310	4.12	18 1-	4ACSR	0	0	1737	317	83	5	4	0.01	1.97	0
CO12229+	CO12230	4.29	17 1-	4ACSR	0	0	1649	314	80	5	4	0.02	1.99	3
CO12139+	CO12229	4.40	17 1-	4ACSR	0	0	1591	312	80	5	4	0.01	2.00	0
CO12140+	CO12139	4.59	16 1-	4ACSR	0	0	1506	309	72	4	4	0.02	2.02	2
CO12142+	CO12140	4.69	14 1-	4ACSR	0	0	1467	307	66	4	3	0.01	2.03	0
CO12146+	CO12142	4.84	5 1-	4ACSR	0	0	1408	304	30	2	1	0.01	2.04	0
CO12221+	CO12146	4.89	4 1-	4ACSR	0	0	1391	304	20	1	1	0.00	2.04	0
CO12220+	CO12221	5.03	4 1-	4ACSR	0	0	1341	301	20	1	1	0.00	2.04	0
OC-1111041743+	CO12220	5.03	4 1-	20 N FUSE	0	0	1341	301	20	1	7	0.00	2.04	0
CO17139+	OC-1111041743	5.51	1 1-	4ACSR	0	0	1194	293	0	0	0	0.00	2.04	0
CO11910+	CO17139	5.81	1 1-	4ACSR	0	0	1117	289	0	0	0	0.00	2.04	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12147+	OC-1111041743	5.25	2 1-	4ACSR	0	0	1270	298	11	0	1	0.00	2.05	0
CO12148+	CO12147	5.27	1 1-	4ACSR	0	0	1263	297	9	0	0	0.00	2.05	0
CO12179+	CO12148	5.32	0 1-	4ACSR	0	0	1248	296	0	0	0	0.00	2.05	0
CO12150+	CO12148	5.33	1 1-	4ACSR	0	0	1244	296	9	0	0	0.00	2.05	0
CO17140+	CO12150	5.45	0 1-	4ACSR	0	0	1209	294	0	0	0	0.00	2.05	0
CO12411+	CO17140	5.90	0 1-	4ACSR	0	0	1095	287	0	0	0	0.00	2.05	0
CO12280+	CO12150	5.41	1 1-	4ACSR	0	0	1223	295	9	0	0	0.00	2.05	0
CO12279+	CO12280	5.46	1 1-	4ACSR	0	0	1208	294	9	0	0	0.00	2.05	0
CO12178+	CO12147	5.31	1 1-	4ACSR	0	0	1252	297	3	0	0	0.00	2.05	0
CO12177+	OC-1111041743	5.12	1 1-	4ACSR	0	0	1309	300	8	0	0	0.00	2.04	0
CO12277+	CO12146	4.96	1 1-	4ACSR	0	0	1365	302	10	0	0	0.00	2.04	0
CO12276+	CO12277	5.03	1 1-	4ACSR	0	0	1341	301	10	0	0	0.00	2.04	0
CO12149+	CO12142	4.84	7 1-	4ACSR	0	0	1409	304	29	1	1	0.01	2.04	0
CO12232+	CO12149	4.92	4 1-	4ACSR	0	0	1379	303	17	1	1	0.00	2.04	0
CO12231+	CO12232	5.12	3 1-	4ACSR	0	0	1309	300	9	0	0	0.00	2.04	0
CO-1369502799+	CO12231	5.40	0 1-	2ACSR	0	0	1242	296	0	0	0	0.00	2.04	0
CO-55311756+	CO-1369502799	5.41	0 1-	2ACSR	0	0	1239	296	0	0	0	0.00	2.04	0
CO12265+	CO12231	5.28	2 1-	4ACSR	0	0	1260	297	9	0	0	0.00	2.04	0
CO12267+	CO12265	5.32	1 1-	4ACSR	0	0	1249	296	7	0	0	0.00	2.04	0
CO12266+	CO12267	5.36	1 1-	4ACSR	0	0	1237	296	7	0	0	0.00	2.04	0
CO12181+	CO12149	4.88	3 1-	4ACSR	0	0	1395	304	12	0	1	0.00	2.04	0
CO12172+	CO12142	4.79	1 1-	4ACSR	0	0	1427	305	0	0	0	0.00	2.03	0
CO12171+	CO12142	4.73	1 1-	4ACSR	0	0	1451	306	8	0	0	0.00	2.03	0
CO12141+	CO12140	4.78	1 1-	4ACSR	0	0	1430	305	0	0	0	0.00	2.02	0
OC246926637+	CO12141	4.78	1 1-	20 N FUSE	0	0	1430	305	0	0	0	0.00	2.02	0
CO12183+	OC246926637	4.86	1 1-	4ACSR	0	0	1401	304	0	0	0	0.00	2.02	0
CO12182+	OC246926637	5.02	0 1-	4ACSR	0	0	1344	301	0	0	0	0.00	2.02	0
CO12170+	CO12139	4.48	1 1-	4ACSR	0	0	1558	311	8	0	0	0.00	2.00	0
CO12216+	CO12229	4.37	0 1-	4ACSR	0	0	1609	313	0	0	0	0.00	1.99	0
CO12213+	CO12216	4.46	0 1-	4ACSR	0	0	1565	311	0	0	0	0.00	1.99	0
CO12215+	CO12213	4.59	0 1-	4ACSR	0	0	1508	309	0	0	0	0.00	1.99	0
CO12214+	CO12215	4.78	0 1-	4ACSR	0	0	1430	305	0	0	0	0.00	1.99	0
CO12180+	CO12211	4.02	1 1-	4ACSR	0	0	1792	319	3	0	0	0.00	1.95	0
CO12168+	CO12138	3.16	0 1-	4ACSR	0	0	2180	327	0	0	0	0.00	1.56	0
CO12167+	CO12301	3.08	0 1-	4ACSR	0	0	2230	327	0	0	0	0.00	1.53	0
OC-1586059166+	CO12167	3.08	0 1-	20 N FUSE	0	0	2230	327	0	0	0	0.00	1.53	0
CO11865+	CO11864	2.52	2 1-	4ACSR	0	0	2617	333	3	0	0	0.00	1.29	0
OC-1712687299+	CO11865	2.52	2 1-	20 N FUSE	0	0	2617	333	3	0	1	0.00	1.29	0
CO11866+	OC-1712687299	2.62	2 1-	4ACSR	0	0	2500	331	3	0	0	0.00	1.29	0
CO11846+	CO11866	2.66	0 1-	4ACSR	0	0	2453	330	0	0	0	0.00	1.29	0
CO11845+	CO11866	2.69	1 1-	4ACSR	0	0	2419	329	0	0	0	0.00	1.29	0
CO11867+	CO11817	2.09	39 1-	4ACSR	0	0	3011	337	133	9	6	0.01	1.11	3
CO11868+	CO11867	2.21	38 1-	4ACSR	0	0	2819	334	120	8	6	0.02	1.13	4
CO11940+	CO11868	2.22	35 1-	4ACSR	0	0	2810	334	111	7	5	0.00	1.13	0
OC333+	CO11940	2.22	35 1-	35 L OCR	0	0	2810	334	111	7	21	0.00	1.13	0
CO11941+	OC333	2.31	35 1-	4ACSR	0	0	2689	332	111	7	5	0.01	1.15	3
CO11869+	CO11941	2.39	1 1-	4ACSR	0	0	2591	331	3	0	0	0.00	1.15	0
CO11870+	CO11869	2.43	1 1-	4ACSR	0	0	2541	330	3	0	0	0.00	1.15	0
CO11871+	CO11941	2.40	34 1-	4ACSR	0	0	2567	330	107	7	5	0.02	1.16	3
CO11872+	CO11871	2.44	33 1-	4ACSR	0	0	2526	330	103	6	5	0.01	1.17	0
CO11873+	CO11872	2.48	32 1-	4ACSR	0	0	2480	329	98	6	5	0.01	1.17	0
CO11836+	CO11873	2.53	1 1-	4ACSR	0	0	2427	328	4	0	0	0.00	1.17	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL1878+	COL1873	2.58	27 1-	4ACSR	0	0	2367	327	77	5	4	0.01	1.18	0
COL1879+	COL1878	2.62	27 1-	4ACSR	0	0	2327	326	77	5	4	0.00	1.19	0
COL1837+	COL1879	2.72	1 1-	4ACSR	0	0	2235	324	2	0	0	0.00	1.19	0
COL1880+	COL1879	2.64	26 1-	4ACSR	0	0	2306	326	74	5	4	0.00	1.19	0
COL1881+	COL1880	2.74	25 1-	4ACSR	0	0	2212	324	72	4	3	0.01	1.20	0
COL1882+	COL1881	2.90	24 1-	4ACSR	0	0	2069	321	71	4	3	0.02	1.22	0
COL1883+	COL1882	3.01	24 1-	4ACSR	0	0	1989	319	71	4	3	0.01	1.23	0
COL1884+	COL1883	3.05	23 1-	4ACSR	0	0	1957	318	63	4	3	0.00	1.23	0
COL1885+	COL1884	3.08	22 1-	4ACSR	0	0	1937	317	62	4	3	0.00	1.24	0
COL1888+	COL1885	3.24	20 1-	4ACSR	0	0	1825	314	61	4	3	0.02	1.25	0
COL1889+	COL1888	3.27	20 1-	4ACSR	0	0	1810	314	61	4	3	0.00	1.25	0
COL1840+	COL1889	3.36	1 1-	4ACSR	0	0	1752	312	10	0	0	0.00	1.26	0
COL1890+	COL1889	3.34	18 1-	4ACSR	0	0	1764	313	50	3	2	0.01	1.26	0
COL1891+	COL1890	3.43	18 1-	4ACSR	0	0	1711	311	50	3	2	0.01	1.27	0
COL1892+	COL1891	3.47	18 1-	4ACSR	0	0	1691	310	50	3	2	0.00	1.27	0
COL1895+	COL1892	3.57	15 1-	4ACSR	0	0	1635	308	37	2	2	0.01	1.28	0
COL1896+	COL1895	3.70	15 1-	4ACSR	0	0	1571	306	37	2	2	0.01	1.28	0
COL1897+	COL1896	3.75	14 1-	4ACSR	0	0	1549	305	32	2	2	0.00	1.28	0
COL1898+	COL1897	3.81	13 1-	4ACSR	0	0	1523	304	32	2	2	0.00	1.29	0
COL1899+	COL1898	3.93	12 1-	4ACSR	0	0	1469	302	29	1	1	0.01	1.29	0
OC-1601144109+	COL1899	3.93	12 1-	20 N FUSE	0	0	1469	302	29	1	10	0.00	1.29	0
COL1818+	OC-1601144109	4.16	4 1-	4ACSR	0	0	1379	299	1	0	0	0.00	1.29	0
COL1819+	COL1818	4.23	3 1-	4ACSR	0	0	1352	297	1	0	0	0.00	1.29	0
COL1842+	COL1819	4.29	3 1-	4ACSR	0	0	1330	296	1	0	0	0.00	1.29	0
COL1841+	COL1819	4.33	0 1-	4ACSR	0	0	1317	296	0	0	0	0.00	1.29	0
COL1843+	COL1818	4.46	1 1-	4ACSR	0	0	1274	294	0	0	0	0.00	1.29	0
COL1844+	OC-1601144109	4.03	1 1-	4ACSR	0	0	1428	301	4	0	0	0.00	1.29	0
COL1900+	OC-1601144109	4.15	7 1-	4ACSR	0	0	1382	299	23	1	1	0.01	1.30	0
COL1901+	COL1900	4.32	7 1-	4ACSR	0	0	1320	296	23	1	1	0.01	1.31	0
COL1820+	COL1901	4.35	7 1-	4ACSR	0	0	1312	295	23	1	1	0.00	1.31	0
COL17033+	COL1820	4.66	0 1-	4ACSR	0	0	1216	291	0	0	0	0.00	1.31	0
COL1902+	COL1820	4.49	2 1-	2ACSR	0	0	1277	294	16	1	1	0.00	1.31	0
COL1851+	COL1902	4.54	1 1-	2ACSR	0	0	1264	293	7	0	0	0.00	1.31	0
COL1903+	COL1902	4.59	1 1-	2ACSR	0	0	1253	293	9	0	0	0.00	1.31	0
COL1821+	COL1820	4.42	0 1-	4ACSR	0	0	1287	294	0	0	0	0.00	1.31	0
COL17032+	COL1821	4.95	0 1-	4ACSR	0	0	1136	286	0	0	0	0.00	1.31	0
COL10393+	COL17032	5.15	0 1-	4ACSR	0	0	1086	283	0	0	0	0.00	1.31	0
COL10394+	COL10393	5.31	0 1-	4ACSR	0	0	1051	281	0	0	0	0.00	1.31	0
COL10461+	COL10394	5.37	0 1-	4ACSR	0	0	1039	280	0	0	0	0.00	1.31	0
COL10527+	COL10461	5.54	0 1-	4ACSR	0	0	1004	277	0	0	0	0.00	1.31	0
COL10427+	COL10527	5.68	0 1-	4ACSR	0	0	976	275	0	0	0	0.00	1.31	0
COL10428+	COL10427	5.87	0 1-	4ACSR	0	0	941	272	0	0	0	0.00	1.31	0
COL10429+	COL10428	5.98	0 1-	4ACSR	0	0	922	271	0	0	0	0.00	1.31	0
COL10412+	COL10527	5.58	0 1-	4ACSR	0	0	994	277	0	0	0	0.00	1.31	0
COL10451+	COL10412	5.59	0 1-	4ACSR	0	0	993	276	0	0	0	0.00	1.31	0
COL10452+	COL10451	5.68	0 1-	4ACSR	0	0	976	275	0	0	0	0.00	1.31	0
COL10355+	COL17032	5.01	0 1-	4ACSR	0	0	1121	285	0	0	0	0.00	1.31	0
COL10354+	COL17032	5.09	0 1-	4ACSR	0	0	1102	284	0	0	0	0.00	1.31	0
COL1852+	COL1820	4.38	2 1-	4ACSR	0	0	1300	295	5	0	0	0.00	1.31	0
COL1893+	COL1892	3.56	2 1-	4ACSR	0	0	1643	309	10	0	0	0.00	1.27	0
COL1894+	COL1893	3.71	2 1-	4ACSR	0	0	1568	306	10	0	0	0.00	1.27	0
COL1886+	COL1885	3.28	2 1-	4ACSR	0	0	1801	314	2	0	0	0.00	1.24	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11887+	CO11886	3.41	0 1-	4ACSR	0	0	1724	311	0	0	0	0.00	1.24	0
CO11839+	CO11887	3.51	0 1-	4ACSR	0	0	1671	310	0	0	0	0.00	1.24	0
CO11838+	CO11887	3.60	0 1-	4ACSR	0	0	1622	308	0	0	0	0.00	1.24	0
CO11874+	CO11873	2.63	4 1-	4ACSR	0	0	2318	326	17	1	1	0.00	1.18	0
CO11875+	CO11874	2.82	2 1-	4ACSR	0	0	2141	322	11	0	1	0.00	1.18	0
CO11835+	CO11875	2.87	1 1-	4ACSR	0	0	2094	321	7	0	0	0.00	1.18	0
CO11876+	CO11875	2.98	1 1-	4ACSR	0	0	2008	319	4	0	0	0.00	1.18	0
CO11877+	CO11876	3.01	1 1-	4ACSR	0	0	1991	319	4	0	0	0.00	1.18	0
CO11834+	CO11868	2.28	2 1-	4ACSR	0	0	2721	333	9	0	0	0.00	1.13	0
CO11849+	CO11867	2.18	1 1-	2ACSR	0	0	2901	335	13	0	1	0.00	1.11	0
CO11816+	CO17146	2.03	8 1-	6ACWC	0	0	3069	337	29	1	1	0.00	1.06	0
OC-2108291247+	CO11816	2.03	8 1-	20 N FUSE	0	0	3069	337	29	1	10	0.00	1.06	0
CO17143+	OC-2108291247	2.07	3 1-	6ACWC	0	0	2992	336	14	0	1	0.00	1.06	0
CO11860+	OC-2108291247	2.06	3 1-	6ACWC	0	0	3021	336	12	0	1	0.00	1.06	0
CO11861+	CO11860	2.52	3 1-	6ACWC	0	0	2414	327	12	0	1	0.00	1.07	0
CO11862+	CO11861	2.63	1 1-	6ACWC	0	0	2296	325	1	0	0	0.00	1.07	0
CO11831+	OC-2108291247	2.12	2 1-	6ACWC	0	0	2919	335	4	0	0	0.00	1.06	0
CO12198+	CO12162	1.82	1 1-	4ACSR	0	0	3304	339	10	0	0	0.00	0.96	0
CO12199+	CO12163	1.77	0 1-	4ACSR	0	0	3353	339	0	0	0	0.00	0.92	0
OC508821398+	CO12199	1.77	0 1-	20 N FUSE	0	0	3353	339	0	0	0	0.00	0.92	0
CO12208+	CO12257	1.55	4 1-	4ACSR	0	0	3720	342	17	1	1	0.00	0.85	0
OC-975966799+	CO12208	1.55	4 1-	20 N FUSE	0	0	3720	342	17	1	6	0.00	0.85	0
CO12206+	OC-975966799	1.62	1 1-	2ACSR	0	0	3594	341	5	0	0	0.00	0.85	0
CO12300+	OC-975966799	1.62	3 1-	4ACSR	0	0	3558	340	12	0	1	0.00	0.85	0
CO12299+	CO12300	1.69	2 1-	4ACSR	0	0	3416	339	12	0	1	0.00	0.85	0
CO12290+	CO12164	1.40	2 1-	4ACSR	0	0	3986	343	8	0	0	0.00	0.78	0
OC281969869+	CO12290	1.40	1 1-	20 N FUSE	0	0	3986	343	0	0	0	0.00	0.78	0
CO12289+	OC281969869	1.47	1 1-	4ACSR	0	0	3796	342	0	0	0	0.00	0.78	0
CO1628771316+	CO-1627864283	0.40	2 1-	2ACSR	0	0	7573	354	5	0	0	0.00	0.26	0
OC-1384781903+	CO1628771316	0.40	0 1-	20 N FUSE	0	0	7573	354	0	0	0	0.00	0.26	0
CO5635+	CO5634	0.02	645 3-	750 MCM - 42 Wi	10715	11247	11391	359	3232	72	6	0.00	0.00	3
Owingsville+	CO5635	0.02	645 3-	560 200WVE	10715	11247	11391	359	3232	72	13	0.00	0.00	0
CO5567+	Owingsville	0.04	645 3-	2/0ACSR	10523	10925	11067	359	3232	72	27	0.01	0.02	68
CO8309+	CO5567	0.10	644 3-	2/0ACSR	10164	10363	10481	359	3226	72	27	0.03	0.05	130
CO5118+	CO8309	0.15	640 3-	2/0ACSR	9820	9899	9940	358	3203	72	27	0.03	0.07	131
CO5119+	CO5118	0.19	639 3-	2/0ACSR	9601	9643	9606	358	3202	72	27	0.02	0.09	87
CO5120+	CO5119	0.22	638 3-	2/0ACSR	9409	9419	9320	358	3193	71	27	0.02	0.11	78
CO5121+	CO5120	0.27	636 3-	2/0ACSR	9129	9095	8913	357	3180	71	27	0.03	0.14	118
CO5122+	CO5121	0.36	634 3-	2/0ACSR	8673	8570	8276	357	3168	71	26	0.04	0.18	204
CO5105+	CO5122	0.41	2 1-	4ACSR	0	0	7821	355	8	0	0	0.00	0.18	0
CO5123+	CO5122	0.45	629 3-	2/0ACSR	8260	8101	7725	356	3149	70	26	0.04	0.23	199
CO11847+	CO5123	0.48	2 1-	4ACSR	0	0	7502	355	3	0	0	0.00	0.23	0
OC-910882646+	CO11847	0.48	0 1-	20 N FUSE	0	0	7502	355	0	0	0	0.00	0.23	0
CO5039+	CO5123	0.49	627 3-	2/0ACSR	8083	7903	7497	356	3145	70	26	0.02	0.24	90
CO17278+	CO5039	0.57	1 1-	2ACSR	0	0	6975	354	10	0	0	0.00	0.25	0
OC344453920+	CO17278	0.57	0 1-	20 N FUSE	0	0	6975	354	0	0	0	0.00	0.25	0
CO5040+	CO5039	0.73	626 3-	2/0ACSR	7116	6839	6316	354	3135	70	26	0.12	0.37	557
CO-1630250143+	CO5040	0.78	1 1-	2ACSR	0	0	6070	353	12	0	0	0.00	0.37	0
CO5276+	CO5040	0.74	5 1-	4ACSR	0	0	6278	353	26	1	1	0.00	0.37	0
OC136+	CO5276	0.74	5 1-	10 N FUSE	0	0	6278	353	26	1	17	0.00	0.37	0
CO5277+	OC136	0.97	5 1-	4ACSR	0	0	5107	348	26	1	1	0.01	0.38	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5126+	CO5277	1.07	3 1-	4ACSR	0	0	4719	346	10	0	0	0.00	0.38	0
CO5127+	CO5126	1.16	1 1-	4ACSR	0	0	4362	344	6	0	0	0.00	0.38	0
CO5128+	CO5127	1.19	1 1-	4ACSR	0	0	4289	344	6	0	0	0.00	0.38	0
CO5129+	CO5277	1.11	2 1-	4ACSR	0	0	4552	345	16	1	1	0.00	0.38	0
CO5130+	CO5129	1.15	1 1-	4ACSR	0	0	4407	344	5	0	0	0.00	0.38	0
CO5131+	CO5130	1.46	0 1-	4ACSR	0	0	3536	338	0	0	0	0.00	0.38	0
CO5124+	CO5040	0.74	619 3-	2/0ACSR	7082	6801	6277	353	3082	69	26	0.00	0.37	22
CO5125+	CO5124	0.85	619 3-	2/0ACSR	6718	6411	5861	353	3082	69	26	0.05	0.43	242
CO17280+	CO5125	0.90	617 3-	2/0ACSR	6558	6241	5684	352	3062	69	26	0.03	0.45	112
CO11856+	CO17280	0.95	614 3-	2/0ACSR	6424	6100	5537	352	3048	68	25	0.02	0.48	97
CO11858+	CO11856	1.12	1 1-	2ACSR	0	0	4942	349	15	1	1	0.00	0.48	0
OC1632749706+	CO11858	1.12	0 1-	20 N FUSE	0	0	4942	349	0	0	0	0.00	0.48	0
CO11859+	OC1632749706	1.20	0 1-	2ACSR	0	0	4695	348	0	0	0	0.00	0.48	0
CO11857+	CO11856	0.97	612 3-	2/0ACSR	6380	6054	5489	352	3024	68	25	0.01	0.48	33
CO17281+	CO11857	1.06	611 3-	2/0ACSR	6126	5788	5217	351	3024	68	25	0.04	0.53	195
CO5117+	CO17281	1.07	611 3-	2/0ACSR	6097	5757	5185	351	3023	68	25	0.01	0.53	24
CO5051+	CO5117	1.51	610 3-	1/0ACSR	5029	4716	4112	346	3023	68	30	0.26	0.80	1192
CO5061+	CO5051	1.61	2 1-	2ACSR	0	0	3906	345	5	0	0	0.00	0.80	0
OC1059184072+	CO5061	1.61	0 1-	20 N FUSE	0	0	3906	345	0	0	0	0.00	0.80	0
CO5041+	CO5051	1.75	608 3-	2/0ACSR	4625	4335	3728	344	3012	68	25	0.12	0.91	502
OC-2000267008+	CO5041	1.75	607 3-	20 N FUSE	4625	4335	3728	344	3008	68	341	0.00	0.91	0
CO5113+	OC-2000267008	1.94	607 3-	2/0ACSR	4344	4072	3468	343	3008	68	25	0.09	1.00	401
CO5114+	CO5113	2.17	606 3-	2/0ACSR	4048	3795	3200	341	3003	68	25	0.11	1.11	480
CO5063+	CO5114	2.24	1 1-	2ACSR	0	0	3097	340	9	0	0	0.00	1.11	0
OC-1184285553+	CO5063	2.24	0 1-	20 N FUSE	0	0	3097	340	0	0	0	0.00	1.11	0
CO5110+	CO5114	2.18	605 3-	2/0ACSR	4029	3777	3182	341	2992	67	25	0.01	1.12	34
CO5111+	CO5110	2.21	603 3-	2/0ACSR	3992	3742	3149	341	2980	67	25	0.01	1.14	64
CO5112+	CO5111	2.27	603 3-	2/0ACSR	3927	3681	3091	340	2980	67	25	0.03	1.16	116
CO8267+	CO5112	2.51	602 3-	2/0ACSR	3674	3445	2868	338	2968	67	25	0.11	1.28	489
CO3844+	CO8267	2.59	602 3-	2/0ACSR	3596	3372	2801	338	2966	67	25	0.04	1.31	163
CO4078+	CO3844	2.59	13 1-	4ACSR	0	0	2792	338	44	3	2	0.00	1.31	0
OC113+	CO4078	2.59	13 1-	35 E OCR	0	0	2792	338	44	3	9	0.00	1.31	0
CO4079+	OC113	2.65	13 1-	4ACSR	0	0	2720	337	44	3	2	0.00	1.32	0
CO3908+	CO4079	3.41	12 1-	4ACSR	0	0	1981	321	44	2	2	0.05	1.37	3
CO3849+	CO3908	3.95	10 1-	4ACSR	0	0	1650	311	31	2	1	0.02	1.39	0
CO4027+	CO3849	4.05	2 1-	4ACSR	0	0	1602	310	5	0	0	0.00	1.39	0
CO4028+	CO4027	4.09	2 1-	4ACSR	0	0	1579	309	5	0	0	0.00	1.39	0
CO4026+	CO4028	4.19	2 1-	4ACSR	0	0	1536	307	5	0	0	0.00	1.39	0
CO4029+	CO4026	4.23	2 1-	4ACSR	0	0	1519	307	5	0	0	0.00	1.39	0
CO4069+	CO3849	4.01	1 1-	4ACSR	0	0	1621	310	0	0	0	0.00	1.39	0
CO4070+	CO4069	4.05	1 1-	4ACSR	0	0	1602	310	0	0	0	0.00	1.39	0
CO3921+	CO3849	4.11	6 1-	4ACSR	0	0	1571	309	25	1	1	0.01	1.40	0
CO4071+	CO3921	4.24	1 1-	2ACSR	0	0	1525	307	7	0	0	0.00	1.40	0
CO4072+	CO4071	4.31	1 1-	2ACSR	0	0	1504	306	7	0	0	0.00	1.40	0
CO3920+	CO3921	4.13	5 1-	4ACSR	0	0	1562	308	18	1	1	0.00	1.40	0
CO3918+	CO3920	4.27	5 1-	4ACSR	0	0	1501	306	18	1	1	0.00	1.40	0
CO3919+	CO3918	4.31	5 1-	4ACSR	0	0	1484	305	18	1	1	0.00	1.40	0
CO3878+	CO3919	4.41	2 1-	4ACSR	0	0	1443	303	3	0	0	0.00	1.40	0
CO3961+	CO3919	4.49	1 1-	4ACSR	0	0	1411	302	3	0	0	0.00	1.40	0
CO3960+	CO3961	4.57	1 1-	4ACSR	0	0	1380	301	3	0	0	0.00	1.40	0
CO3962+	CO3960	4.67	1 1-	4ACSR	0	0	1346	299	3	0	0	0.00	1.40	0
CO3959+	CO3962	4.78	1 1-	4ACSR	0	0	1309	297	3	0	0	0.00	1.41	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3963+	CO3959	4.90	1 1-	4ACSR	0	0	1270	295	3	0	0	0.00	1.41	0
CO3958+	CO3963	4.92	1 1-	4ACSR	0	0	1262	295	3	0	0	0.00	1.41	0
CO3964+	CO3958	4.98	1 1-	4ACSR	0	0	1245	294	3	0	0	0.00	1.41	0
CO3957+	CO3964	5.06	1 1-	4ACSR	0	0	1220	293	3	0	0	0.00	1.41	0
CO3965+	CO3957	5.15	1 1-	4ACSR	0	0	1195	291	3	0	0	0.00	1.41	0
CO3956+	CO3965	5.24	1 1-	4ACSR	0	0	1170	290	3	0	0	0.00	1.41	0
CO3866+	CO3908	3.43	0 1-	4ACSR	0	0	1971	321	0	0	0	0.00	1.37	0
CO8270+	CO3866	3.69	0 1-	4ACSR	0	0	1799	316	0	0	0	0.00	1.37	0
CO3880+	CO3908	3.43	1 1-	4ACSR	0	0	1971	321	8	0	0	0.00	1.37	0
CO8271+	CO3880	3.46	1 1-	4ACSR	0	0	1948	320	8	0	0	0.00	1.37	0
CO3879+	CO3908	3.44	0 1-	4ACSR	0	0	1958	321	0	0	0	0.00	1.37	0
CO3845+	CO3844	2.66	589 3-	2/0ACSR	3528	3309	2741	337	2921	66	25	0.03	1.35	145
CO3910+	CO3845	2.75	2 1-	4ACSR	0	0	2632	335	7	0	0	0.00	1.35	0
OC244858206+	CO3910	2.75	2 1-	20 N FUSE	0	0	2632	335	7	0	2	0.00	1.35	0
CO3909+	OC244858206	2.96	2 1-	4ACSR	0	0	2400	331	7	0	0	0.00	1.35	0
CO17282+	CO3909	3.22	0 1-	4ACSR	0	0	2153	326	0	0	0	0.00	1.35	0
SW1179999505-B+	CO17282	3.22	0 1-	Closed	0	0	2153	326	0	0	0	0.00	1.35	0
SW1179999505-A+	SW1179999505-B	3.22	0 1-	Closed	0	0	2153	326	0	0	0	0.00	1.35	0
CO10522+	SW1179999505-A	3.33	0 1-	4ACSR	0	0	2066	324	0	0	0	0.00	1.35	0
CO11815+	CO10522	4.04	0 1-	4ACSR	0	0	1623	311	0	0	0	0.00	1.35	0
CO3867+	CO3909	3.00	2 1-	4ACSR	0	0	2352	330	7	0	0	0.00	1.35	0
CO3846+	CO3845	2.79	587 3-	2/0ACSR	3409	3198	2640	336	2914	66	25	0.06	1.41	264
CO3848+	CO3846	2.95	586 3-	2/0ACSR	3275	3073	2525	335	2912	66	25	0.08	1.49	322
CO3915+	CO3848	3.07	2 1-	4ACSR	0	0	2398	332	5	0	0	0.00	1.49	0
OC-2039678973+	CO3915	3.07	1 1-	20 N FUSE	0	0	2398	332	0	0	0	0.00	1.49	0
CO3914+	OC-2039678973	3.12	1 1-	4ACSR	0	0	2349	331	0	0	0	0.00	1.49	0
CO3870+	CO3914	3.17	0 1-	4ACSR	0	0	2307	331	0	0	0	0.00	1.49	0
CO3869+	CO3914	3.17	1 1-	4ACSR	0	0	2305	330	0	0	0	0.00	1.49	0
CO3912+	CO3848	2.98	583 3-	2/0ACSR	3253	3052	2507	335	2906	66	24	0.01	1.50	54
CO3913+	CO3912	3.00	583 3-	2/0ACSR	3238	3038	2494	335	2906	66	24	0.01	1.51	38
CO4075+	CO3913	3.14	582 3-	2/0ACSR	3129	2936	2401	333	2896	65	24	0.07	1.58	285
CO3905+	CO4075	3.24	2 1-	2ACSR	0	0	2327	332	13	0	0	0.00	1.58	0
OC-772605012+	CO3905	3.24	0 1-	20 N FUSE	0	0	2327	332	0	0	0	0.00	1.58	0
CO4076+	CO4075	3.21	579 3-	2/0ACSR	3077	2888	2358	333	2873	65	24	0.03	1.61	140
CO4066+	CO4076	3.30	2 1-	2ACSR	0	0	2295	332	20	1	1	0.00	1.61	0
OC169302986+	CO4066	3.30	1 1-	20 N FUSE	0	0	2295	332	14	0	5	0.00	1.61	0
CO4065+	OC169302986	3.36	1 1-	2ACSR	0	0	2247	331	14	0	1	0.00	1.61	0
CO4074+	CO4076	3.23	577 3-	2/0ACSR	3065	2877	2348	333	2852	64	24	0.01	1.62	32
CO4063+	CO4074	3.26	3 1-	2ACSR	0	0	2326	332	21	1	1	0.00	1.62	0
OC-849722200+	CO4063	3.26	2 1-	20 N FUSE	0	0	2326	332	13	0	4	0.00	1.62	0
CO4062+	OC-849722200	3.33	2 1-	2ACSR	0	0	2273	331	13	0	0	0.00	1.62	0
CO4064+	CO4062	3.36	2 1-	2ACSR	0	0	2256	331	13	0	0	0.00	1.62	0
CO4073+	CO4074	3.27	573 3-	2/0ACSR	3035	2849	2323	332	2821	64	24	0.02	1.64	82
CO3911+	CO4073	3.34	572 3-	2/0ACSR	2987	2804	2283	332	2820	64	24	0.03	1.67	132
CO10523+	CO3911	3.54	571 3-	2/0ACSR	2862	2688	2179	330	2814	64	24	0.09	1.76	363
CO-773749210+	CO10523	3.56	570 3-	2ACSR	2841	2668	2162	330	2802	63	35	0.02	1.78	96
CO-1352262668+	CO-773749210	3.62	0 1-	2ACSR	0	0	2126	329	0	0	0	0.00	1.78	0
CO-1134974350+	CO-773749210	3.64	570 3-	2ACSR	2780	2614	2114	329	2801	63	35	0.06	1.84	278
CO10482+	CO-1134974350	3.74	570 3-	2/0ACSR	2722	2560	2067	328	2800	63	24	0.05	1.89	190
CO10524+	CO10482	3.75	21 1-	6ACWC	0	0	2063	328	65	4	3	0.00	1.89	0
CO10525+	CO10524	3.90	21 1-	6ACWC	0	0	1956	325	65	4	3	0.02	1.90	0
CO10368+	CO10525	3.96	20 1-	6ACWC	0	0	1915	324	65	4	3	0.01	1.91	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10369+	CO10368	4.03	18 1-	6ACWC	0	0	1871	322	58	3	3	0.00	1.91	0
CO10462+	CO10369	4.08	10 1-	6ACWC	0	0	1844	322	26	1	1	0.00	1.91	0
CO10463+	CO10462	4.14	6 1-	6ACWC	0	0	1809	321	21	1	1	0.00	1.92	0
CO10338+	CO10463	4.17	2 1-	6ACWC	0	0	1786	320	9	0	0	0.00	1.92	0
CO10337+	CO10463	4.21	4 1-	6ACWC	0	0	1766	319	12	0	1	0.00	1.92	0
CO10519+	CO10369	4.08	3 1-	2ACSR	0	0	1846	322	7	0	0	0.00	1.91	0
CO10357+	CO10519	4.13	3 1-	2ACSR	0	0	1822	321	7	0	0	0.00	1.91	0
CO10518+	CO10519	4.11	0 1-	2ACSR	0	0	1834	321	0	0	0	0.00	1.91	0
CO10483+	CO10518	4.14	0 1-	2ACSR	0	0	1821	321	0	0	0	0.00	1.91	0
CO10464+	CO10483	4.16	0 1-	2ACSR	0	0	1809	321	0	0	0	0.00	1.91	0
CO10358+	CO10369	4.11	2 1-	2ACSR	0	0	1831	321	0	0	0	0.00	1.91	0
CO10370+	CO10482	3.83	549 3-	2/0ACSR	2675	2515	2028	327	2735	62	23	0.04	1.92	153
CO10371+	CO10370	3.96	549 3-	2/0ACSR	2606	2452	1972	326	2734	62	23	0.06	1.98	231
CO10317+	CO10371	4.15	243 3-	1/0ACSR	2505	2357	1891	325	1285	29	13	0.05	2.03	92
CO10372+	CO10317	4.26	238 3-	1/0ACSR	2444	2301	1842	324	1268	28	13	0.03	2.06	57
CO10373+	CO10372	4.31	237 3-	1/0ACSR	2422	2280	1824	323	1259	28	12	0.01	2.07	22
CO10374+	CO10373	4.57	236 3-	1/0ACSR	2300	2167	1728	321	1256	28	12	0.06	2.13	123
CO10500+	CO10374	4.58	8 1-	6ACWC	0	0	1724	321	24	1	1	0.00	2.13	0
OC288+	CO10500	4.58	8 1-	35 E OCR	0	0	1724	321	24	1	5	0.00	2.13	0
CO10501+	OC288	4.71	8 1-	6ACWC	0	0	1657	318	24	1	1	0.01	2.14	0
CO10377+	CO10501	4.79	7 1-	6ACWC	0	0	1621	317	11	0	1	0.00	2.14	0
CO10378+	CO10377	4.84	7 1-	6ACWC	0	0	1599	316	11	0	1	0.00	2.14	0
CO10459+	CO10378	4.85	5 1-	6ACWC	0	0	1591	316	9	0	0	0.00	2.14	0
CO10460+	CO10459	4.89	3 1-	6ACWC	0	0	1574	315	1	0	0	0.00	2.14	0
CO10379+	CO10460	5.33	3 1-	6ACWC	0	0	1399	307	1	0	0	0.00	2.14	0
CO10346+	CO10378	4.93	2 1-	6ACWC	0	0	1557	314	2	0	0	0.00	2.14	0
CO10345+	CO10501	4.76	1 1-	6ACWC	0	0	1634	317	13	0	1	0.00	2.14	0
CO10375+	CO10374	4.91	227 3-	1/0ACSR	2162	2039	1619	318	1231	28	12	0.08	2.21	150
CO10376+	CO10375	5.00	227 3-	1/0ACSR	2127	2007	1592	317	1231	28	12	0.02	2.24	41
CO10471+	CO10376	5.01	227 3-	1/0ACSR	2120	2001	1587	317	1230	28	12	0.00	2.24	8
CO10472+	CO10471	5.13	224 3-	1/0ACSR	2077	1961	1553	316	1216	27	12	0.03	2.27	51
CO10320+	CO10472	5.18	223 3-	1/0ACSR	2060	1945	1540	315	1216	27	12	0.01	2.28	21
CO10498+	CO10320	5.18	10 1-	4ACSR	0	0	1537	315	23	1	1	0.00	2.28	0
OC287+	CO10498	5.18	10 1-	25 E OCR	0	0	1537	315	23	1	6	0.00	2.28	0
CO10499+	OC287	5.29	10 1-	4ACSR	0	0	1494	313	23	1	1	0.00	2.28	0
CO10469+	CO10499	5.44	10 1-	4ACSR	0	0	1435	310	23	1	1	0.01	2.29	0
CO10470+	CO10469	5.46	8 1-	4ACSR	0	0	1429	310	23	1	1	0.00	2.29	0
CO10380+	CO10470	5.53	8 1-	4ACSR	0	0	1402	309	23	1	1	0.00	2.29	0
CO10343+	CO10380	5.58	1 1-	1/0ACSR	0	0	1391	308	5	0	0	0.00	2.29	0
CO10520+	CO10380	5.54	7 1-	750 MCM - 42 WI	0	0	1401	309	18	1	0	0.00	2.29	0
OC285+	CO10520	5.54	7 1-	10 N FUSE	0	0	1401	309	18	1	12	0.00	2.29	0
CO10319+	OC285	5.61	4 1-	6ACWC	0	0	1377	308	5	0	0	0.00	2.29	0
CO10344+	CO10319	5.72	2 1-	6ACWC	0	0	1340	306	0	0	0	0.00	2.29	0
CO10420+	CO10319	5.71	2 1-	6ACWC	0	0	1345	306	5	0	0	0.00	2.29	0
CO10421+	CO10420	5.80	2 1-	6ACWC	0	0	1315	304	5	0	0	0.00	2.29	0
CO10422+	CO10421	5.87	1 1-	6ACWC	0	0	1293	303	5	0	0	0.00	2.29	0
CO10318+	OC285	5.66	3 1-	4ACSR	0	0	1359	307	14	0	1	0.00	2.29	0
CO10484+	CO10318	5.71	2 1-	4ACSR	0	0	1342	306	9	0	0	0.00	2.30	0
CO10485+	CO10484	5.76	1 1-	4ACSR	0	0	1327	305	0	0	0	0.00	2.30	0
CO10342+	CO10318	5.72	1 1-	4ACSR	0	0	1340	306	4	0	0	0.00	2.30	0
CO10381+	CO10320	5.22	213 3-	1/0ACSR	2043	1929	1527	315	1192	27	12	0.01	2.29	20
CO10382+	CO10381	5.29	213 3-	1/0ACSR	2022	1909	1510	314	1192	27	12	0.01	2.31	27

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10383+	CO10382	5.82	213 3-	1/0ACSR	1854	1753	1380	310	1192	27	12	0.12	2.43	226
CO10384+	CO10383	5.85	213 3-	1/0ACSR	1847	1746	1374	309	1191	27	12	0.01	2.44	12
CO10398+	CO10384	5.87	211 3-	1/0ACSR	1840	1740	1369	309	1189	27	12	0.01	2.44	9
CO10399+	CO10398	5.94	209 3-	1/0ACSR	1819	1720	1352	309	1184	27	12	0.02	2.46	32
CO10467+	CO10399	5.99	207 3-	1/0ACSR	1805	1707	1342	308	911	20	9	0.01	2.47	12
CO10468+	CO10467	6.09	206 3-	1/0ACSR	1778	1682	1322	307	909	20	9	0.02	2.48	24
CO10488+	CO10468	6.16	205 3-	1/0ACSR	1761	1666	1309	307	905	20	9	0.01	2.50	16
CO10489+	CO10488	6.23	204 3-	1/0ACSR	1742	1648	1294	306	901	20	9	0.01	2.51	18
CO10497+	CO10489	6.24	7 1-	6ACWC	0	0	1292	306	7	0	0	0.00	2.51	0
OC286+	CO10497	6.24	7 1-	10 N FUSE	0	0	1292	306	7	0	5	0.00	2.51	0
CO10511+	OC286	6.28	7 1-	6ACWC	0	0	1279	305	7	0	0	0.00	2.51	0
CO10510+	CO10511	6.33	7 1-	6ACWC	0	0	1265	304	7	0	0	0.00	2.51	0
CO10364+	CO10510	6.41	7 1-	6ACWC	0	0	1243	303	7	0	0	0.00	2.51	0
CO10365+	CO10364	6.56	6 1-	6ACWC	0	0	1203	301	7	0	0	0.00	2.51	0
CO10437+	CO10365	6.61	6 1-	6ACWC	0	0	1190	300	7	0	0	0.00	2.51	0
CO10455+	CO10437	6.68	6 1-	6ACWC	0	0	1172	298	7	0	0	0.00	2.51	0
CO10456+	CO10455	6.78	5 1-	6ACWC	0	0	1148	297	5	0	0	0.00	2.51	0
CO10438+	CO10456	6.81	4 1-	6ACWC	0	0	1140	296	5	0	0	0.00	2.51	0
CO10439+	CO10438	6.85	4 1-	6ACWC	0	0	1131	296	5	0	0	0.00	2.51	0
CO10328+	CO10439	7.06	0 1-	6ACWC	0	0	1084	292	0	0	0	0.00	2.51	0
CO10310+	CO10439	7.18	4 1-	6ACWC	0	0	1058	290	5	0	0	0.00	2.52	0
CO10406+	CO10310	7.21	2 1-	6ACWC	0	0	1053	290	1	0	0	0.00	2.52	0
CO10407+	CO10406	7.28	1 1-	6ACWC	0	0	1038	289	0	0	0	0.00	2.52	0
CO10408+	CO10407	7.37	1 1-	6ACWC	0	0	1020	287	0	0	0	0.00	2.52	0
CO10409+	CO10408	7.41	1 1-	6ACWC	0	0	1013	287	0	0	0	0.00	2.52	0
CO10521+	CO10510	6.36	0 1-	750 MCM - 42 wi	0	0	1262	304	0	0	0	0.00	2.51	0
CO10363+	CO10511	6.32	0 1-	2ACSR	0	0	1270	305	0	0	0	0.00	2.51	0
CO10465+	CO10489	6.24	196 3-	1/0ACSR	1739	1646	1292	306	891	20	9	0.00	2.51	2
CO10466+	CO10465	6.47	193 3-	1/0ACSR	1683	1593	1248	304	887	20	9	0.04	2.55	54
CO17016+	CO10466	6.56	191 3-	1/0ACSR	1661	1572	1231	303	882	20	9	0.02	2.57	22
CO10085+	CO17016	6.59	191 3-	1/0ACSR	1654	1566	1226	303	882	20	9	0.01	2.57	7
CO10086+	CO10085	6.67	190 3-	1/0ACSR	1636	1549	1212	302	882	20	9	0.01	2.59	18
CO9937+	CO10086	6.76	186 3-	1/0ACSR	1616	1530	1197	302	846	19	8	0.01	2.60	19
CO10083+	CO9937	6.86	1 1-	4ACSR	0	0	1173	300	0	0	0	0.00	2.60	0
OC1680176015+	CO10083	6.86	0 1-	20 N FUSE	0	0	1173	300	0	0	0	0.00	2.60	0
CO10084+	OC1680176015	6.88	0 1-	4ACSR	0	0	1168	300	0	0	0	0.00	2.60	0
CO10039+	CO10084	7.07	0 1-	4ACSR	0	0	1123	296	0	0	0	0.00	2.60	0
CO10081+	CO9937	6.94	185 3-	1/0ACSR	1578	1495	1168	300	846	19	8	0.03	2.63	38
CO10082+	CO10081	7.01	185 3-	1/0ACSR	1563	1481	1157	300	845	19	8	0.01	2.64	15
CO9957+	CO10082	7.08	1 1-	4ACSR	0	0	1139	298	8	0	0	0.00	2.64	0
OC-1812395090+	CO9957	7.08	0 1-	20 N FUSE	0	0	1139	298	0	0	0	0.00	2.64	0
CO9938+	CO10082	7.25	184 3-	1/0ACSR	1516	1437	1121	298	838	19	8	0.04	2.68	50
FD1988420502+	CO9938	7.25	183 3-	_DefaultBayEqui	1516	1437	1121	298	837	19	0	0.00	2.68	0
CO9939+	FD1988420502	7.36	183 3-	1/0ACSR	1494	1416	1104	297	837	19	8	0.02	2.70	24
OC1988420502+	CO9939	7.36	182 3-	20 N FUSE	1494	1416	1104	297	835	19	96	0.00	2.70	0
CO10135+	OC1988420502	7.37	45 3-	2ACSR	1492	1414	1103	297	148	3	2	0.00	2.70	0
OC273+	CO10135	7.37	45 3-	70 E OCR	1492	1414	1103	297	148	3	5	0.00	2.70	0
CO10136+	OC273	7.55	45 3-	2ACSR	1449	1376	1072	294	148	3	2	0.01	2.71	0
CO10000+	CO10136	7.64	42 3-	2ACSR	1428	1356	1056	293	136	3	2	0.00	2.71	0
CO10001+	CO10000	7.83	42 3-	2ACSR	1388	1319	1027	291	136	3	2	0.01	2.72	0
CO10077+	CO10001	7.95	42 3-	2ACSR	1364	1298	1010	290	136	3	2	0.00	2.72	0
CO10078+	CO10077	8.01	41 3-	2ACSR	1352	1286	1001	289	129	2	2	0.00	2.73	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10076+	CO10078	8.12	40 3-	2ACSR	1330	1267	985	288	128	2	2	0.00	2.73	0
CO9943+	CO10076	8.17	39 3-	2ACSR	1321	1259	979	288	117	2	1	0.00	2.73	0
CO9967+	CO9943	8.24	1 1-	4ACSR	0	0	965	286	8	0	0	0.00	2.73	0
OC582615477+	CO9967	8.24	0 1-	20 N FUSE	0	0	965	286	0	0	0	0.00	2.73	0
CO10002+	CO9943	8.26	38 3-	2ACSR	1304	1242	966	287	110	2	1	0.00	2.73	0
CO10091+	CO10002	8.40	38 3-	2ACSR	1278	1219	947	285	110	2	1	0.00	2.74	0
CO10092+	CO10091	8.53	37 3-	2ACSR	1256	1199	931	284	109	2	1	0.00	2.74	0
CO9945+	CO10092	8.67	32 3-	2ACSR	1232	1176	914	282	92	2	1	0.00	2.75	0
CO9946+	CO9945	8.76	29 3-	2ACSR	1216	1162	902	281	82	1	1	0.00	2.75	0
CO10045+	CO9946	8.86	4 1-	4ACSR	0	0	888	280	17	1	1	0.00	2.75	0
OC1206866872+	CO10045	8.86	1 1-	20 N FUSE	0	0	888	280	7	0	2	0.00	2.75	0
CO10046+	OC1206866872	8.89	1 1-	4ACSR	0	0	884	279	7	0	0	0.00	2.75	0
CO9947+	CO9946	8.84	24 3-	2ACSR	1204	1151	893	280	62	1	1	0.00	2.75	0
CO9970+	CO9947	8.98	1 1-	4ACSR	0	0	873	278	5	0	0	0.00	2.75	0
OC-882134286+	CO9970	8.98	0 1-	20 N FUSE	0	0	873	278	0	0	0	0.00	2.75	0
CO9948+	CO9947	8.91	22 3-	2ACSR	1193	1140	885	280	54	1	1	0.00	2.75	0
CO10116+	CO9948	9.14	19 3-	2ACSR	1157	1108	859	277	45	1	1	0.00	2.75	0
CO10117+	CO10116	9.21	17 3-	2ACSR	1147	1098	852	276	33	0	0	0.00	2.75	0
CO10015+	CO10117	9.34	17 3-	2ACSR	1129	1081	839	275	33	0	0	0.00	2.76	0
CO17002+	CO10015	9.41	3 3-	2ACSR	1119	1072	831	274	6	0	0	0.00	2.76	0
CO9687+	CO17002	9.42	0 3-	2ACSR	1118	1071	831	274	0	0	0	0.00	2.76	0
SW260-A+	CO9687	9.42	0 3-	Open	1118	1071	831	274	0	0	0	0.00	2.76	0
CO9364+	CO17002	9.54	1 1-	4ACSR	0	0	815	273	1	0	0	0.00	2.76	0
OC1766903522+	CO9364	9.54	0 1-	20 N FUSE	0	0	815	273	0	0	0	0.00	2.76	0
CO9363+	CO17002	9.51	2 1-	4ACSR	0	0	819	273	5	0	0	0.00	2.76	0
CO10034+	CO10015	9.45	11 1-	6ACWC	0	0	824	273	6	0	0	0.00	2.76	0
OC-2001986453+	CO10034	9.45	10 1-	20 N FUSE	0	0	824	273	2	0	1	0.00	2.76	0
CO10035+	OC-2001986453	9.54	10 1-	6ACWC	0	0	814	272	2	0	0	0.00	2.76	0
CO1483441538+	CO10035	9.61	10 1-	2ACSR	0	0	807	272	2	0	0	0.00	2.76	0
CO1749367096+	CO1483441538	9.70	9 1-	2ACSR	0	0	799	271	2	0	0	0.00	2.76	0
CO10037+	CO1749367096	9.77	9 1-	6ACWC	0	0	790	270	2	0	0	0.00	2.76	0
CO10064+	CO10037	9.97	9 1-	6ACWC	0	0	767	267	2	0	0	0.00	2.76	0
CO10065+	CO10064	10.12	8 1-	6ACWC	0	0	751	265	1	0	0	0.00	2.76	0
CO10038+	CO10065	10.15	8 1-	6ACWC	0	0	749	265	1	0	0	0.00	2.76	0
CO9949+	CO10038	10.82	6 1-	6ACWC	0	0	684	256	1	0	0	0.00	2.76	0
CO10013+	CO9949	11.17	2 1-	6ACWC	0	0	654	251	1	0	0	0.00	2.76	0
CO10014+	CO10013	11.27	2 1-	6ACWC	0	0	647	250	1	0	0	0.00	2.76	0
CO10131+	CO10014	11.84	1 1-	6ACWC	0	0	604	244	1	0	0	0.00	2.76	0
CO10016+	CO10131	11.90	1 1-	6ACWC	0	0	600	243	1	0	0	0.00	2.76	0
CO10132+	CO9949	10.98	3 1-	6ACWC	0	0	670	254	0	0	0	0.00	2.76	0
CO10017+	CO10132	11.42	2 1-	6ACWC	0	0	635	248	0	0	0	0.00	2.76	0
CO17261+	CO10017	11.50	1 1-	2ACSR	0	0	630	248	0	0	0	0.00	2.76	0
CO10010+	CO10038	10.24	2 1-	6ACWC	0	0	739	263	0	0	0	0.00	2.76	0
CO10011+	CO10010	10.41	1 1-	6ACWC	0	0	722	261	0	0	0	0.00	2.76	0
CO10012+	CO10011	10.76	1 1-	6ACWC	0	0	689	257	0	0	0	0.00	2.76	0
CO1915566722+	CO1483441538	9.78	1 1-	2ACSR	0	0	791	270	0	0	0	0.00	2.76	0
CO10047+	CO10015	9.42	3 1-	4ACSR	0	0	829	274	21	1	1	0.00	2.76	0
OC1184063227+	CO10047	9.42	2 1-	20 N FUSE	0	0	829	274	20	1	7	0.00	2.76	0
CO10062+	OC1184063227	9.45	2 1-	4ACSR	0	0	824	273	20	1	1	0.00	2.76	0
CO10063+	CO10062	9.49	1 1-	4ACSR	0	0	820	273	12	0	1	0.00	2.76	0
CO10006+	CO9948	9.07	3 1-	6ACWC	0	0	862	277	9	0	0	0.00	2.75	0
OC-1570932696+	CO10006	9.07	2 1-	20 N FUSE	0	0	862	277	6	0	2	0.00	2.75	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10007+	OC-1570932696	9.14	2 1-	6ACWC	0	0	853	276	6	0	0	0.00	2.75	0
CO10008+	CO10007	9.19	0 1-	6ACWC	0	0	847	275	0	0	0	0.00	2.75	0
CO10009+	CO10008	9.31	0 1-	6ACWC	0	0	831	274	0	0	0	0.00	2.75	0
CO9969+	CO9945	8.71	2 1-	4ACSR	0	0	906	281	5	0	0	0.00	2.75	0
OC-824781539+	CO9969	8.71	1 1-	20 N FUSE	0	0	906	281	0	0	0	0.00	2.75	0
CO-497764573+	OC-824781539	8.77	1 1-	2ACSR	0	0	899	281	0	0	0	0.00	2.75	0
CO9944+	CO10092	8.60	5 1-	4ACSR	0	0	920	283	18	1	1	0.00	2.74	0
OC-1162035764+	CO9944	8.60	5 1-	20 N FUSE	0	0	920	283	18	1	6	0.00	2.74	0
CO10087+	OC-1162035764	8.84	4 1-	4ACSR	0	0	884	279	16	1	1	0.01	2.75	0
CO10088+	CO10087	8.90	3 1-	4ACSR	0	0	874	278	13	0	1	0.00	2.75	0
CO10061+	CO10088	9.03	3 1-	4ACSR	0	0	857	276	13	0	1	0.00	2.75	0
CO10089+	CO10061	9.06	2 1-	4ACSR	0	0	853	276	13	0	1	0.00	2.75	0
CO10090+	CO10089	9.07	1 1-	4ACSR	0	0	851	275	0	0	0	0.00	2.75	0
CO10129+	CO10090	9.22	1 1-	4ACSR	0	0	832	273	0	0	0	0.00	2.75	0
CO10130+	CO10129	9.28	1 1-	4ACSR	0	0	823	272	0	0	0	0.00	2.75	0
CO10003+	CO10130	9.43	1 1-	4ACSR	0	0	805	270	0	0	0	0.00	2.75	0
CO10004+	CO10003	9.47	1 1-	4ACSR	0	0	800	270	0	0	0	0.00	2.75	0
CO10005+	CO10004	9.52	1 1-	4ACSR	0	0	794	269	0	0	0	0.00	2.75	0
CO17021+	CO10005	9.64	1 1-	4ACSR	0	0	780	267	0	0	0	0.00	2.75	0
CO10220+	CO17021	9.73	1 1-	4ACSR	0	0	769	266	0	0	0	0.00	2.75	0
CO10221+	CO10220	9.81	1 1-	4ACSR	0	0	762	265	0	0	0	0.00	2.75	0
CO10222+	CO10221	9.90	1 1-	4ACSR	0	0	751	264	0	0	0	0.00	2.75	0
CO10223+	CO10222	10.03	1 1-	4ACSR	0	0	737	262	0	0	0	0.00	2.75	0
CO10224+	CO10223	10.13	1 1-	4ACSR	0	0	728	261	0	0	0	0.00	2.75	0
CO10225+	CO10224	10.18	1 1-	4ACSR	0	0	723	260	0	0	0	0.00	2.75	0
CO9968+	OC-1162035764	8.65	1 1-	4ACSR	0	0	911	282	1	0	0	0.00	2.74	0
CO9966+	CO10076	8.17	1 1-	4ACSR	0	0	975	287	11	0	1	0.00	2.73	0
OC-1319449048+	CO9966	8.17	0 1-	20 N FUSE	0	0	975	287	0	0	0	0.00	2.73	0
CO10079+	CO10136	7.57	3 1-	4ACSR	0	0	1067	294	12	0	1	0.00	2.71	0
OC181760600+	CO10079	7.57	2 1-	20 N FUSE	0	0	1067	294	9	0	3	0.00	2.71	0
CO10080+	OC181760600	7.64	2 1-	4ACSR	0	0	1054	293	9	0	0	0.00	2.71	0
CO10137+	OC1988420502	7.37	137 3-	1/0ACSR	1492	1415	1103	297	686	15	7	0.00	2.70	0
OC275+	CO10137	7.37	137 3-	70 E OCR	1492	1415	1103	297	686	15	22	0.00	2.70	0
CO10138+	OC275	7.46	137 3-	1/0ACSR	1476	1399	1091	296	686	15	7	0.01	2.71	12
CO9992+	CO10138	7.50	137 3-	1/0ACSR	1467	1391	1084	295	686	15	7	0.01	2.72	7
CO9993+	CO9992	7.91	137 3-	1/0ACSR	1398	1326	1031	292	686	15	7	0.05	2.77	57
CO10068+	CO9993	8.36	5 1-	6ACWC	0	0	950	285	22	1	1	0.01	2.79	0
OC2079690994+	CO10068	8.36	4 1-	20 N FUSE	0	0	950	285	19	1	6	0.00	2.79	0
CO10069+	OC2079690994	8.38	4 1-	6ACWC	0	0	948	285	19	1	1	0.00	2.79	0
CO9994+	CO10069	8.44	4 1-	6ACWC	0	0	938	284	19	1	1	0.00	2.79	0
CO17017+	CO9994	8.70	3 1-	6ACWC	0	0	897	280	16	1	1	0.01	2.79	0
CO10505+	CO17017	8.83	1 1-	6ACWC	0	0	878	278	1	0	0	0.00	2.79	0
CO10359+	CO17017	8.83	2 1-	2ACSR	0	0	883	279	15	1	1	0.00	2.80	0
CO9959+	CO9994	8.53	1 1-	6ACWC	0	0	923	282	3	0	0	0.00	2.79	0
CO9995+	CO9995	7.92	132 3-	1/0ACSR	1394	1323	1029	292	664	15	7	0.00	2.77	3
CO10066+	CO9995	7.95	132 3-	1/0ACSR	1389	1318	1025	292	664	15	7	0.00	2.78	4
CO10067+	CO10066	8.06	130 3-	1/0ACSR	1372	1302	1012	291	663	15	7	0.01	2.79	14
CO9960+	CO10067	8.20	0 1-	4ACSR	0	0	986	289	0	0	0	0.00	2.79	0
OC-1979133932+	CO9960	8.20	0 1-	20 N FUSE	0	0	986	289	0	0	0	0.00	2.79	0
CO10070+	CO10067	8.14	130 3-	1/0ACSR	1359	1290	1002	290	663	15	7	0.01	2.80	11
CO10071+	CO10070	8.21	129 3-	1/0ACSR	1348	1280	994	290	662	15	7	0.01	2.81	9
CO9961+	CO10071	8.32	0 1-	4ACSR	0	0	976	288	0	0	0	0.00	2.81	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-46274576+	CO9961	8.32	0 1-	20 N FUSE	0	0	976	288	0	0	0	0.00	2.81	0
CO10072+	CO10071	8.31	128 3-	1/0ACSR	1333	1265	983	289	662	15	7	0.01	2.82	13
CO10073+	CO10072	8.44	128 3-	1/0ACSR	1315	1248	969	288	662	15	7	0.02	2.84	16
CO10074+	CO10073	8.58	126 3-	1/0ACSR	1294	1228	953	287	644	14	6	0.02	2.86	18
CO1439935318+	CO10074	8.67	122 3-	2ACSR	1277	1213	941	286	637	14	8	0.02	2.88	18
CO2011972079+	CO1439935318	8.76	2 1-	2ACSR	0	0	931	285	9	0	0	0.00	2.88	0
CO1850275706+	CO2011972079	8.82	2 1-	2ACSR	0	0	923	284	9	0	0	0.00	2.88	0
CO1645223413+	CO1439935318	8.77	119 3-	2ACSR	1260	1198	929	285	627	14	8	0.02	2.89	18
CO9998+	CO1645223413	8.82	118 3-	1/0ACSR	1254	1192	924	284	619	14	6	0.01	2.90	5
CO9999+	CO9998	8.84	118 3-	1/0ACSR	1251	1189	922	284	619	14	6	0.00	2.90	3
CO9942+	CO9999	9.02	115 3-	1/0ACSR	1227	1167	904	283	589	13	6	0.02	2.92	19
CO10042+	CO9942	9.07	3 1-	4ACSR	0	0	897	282	13	0	1	0.00	2.92	0
OC-1585436525+	CO10042	9.07	2 1-	20 N FUSE	0	0	897	282	5	0	2	0.00	2.92	0
CO10043+	OC-1585436525	9.12	2 1-	4ACSR	0	0	890	281	5	0	0	0.00	2.92	0
CO10044+	CO10043	9.31	2 1-	4ACSR	0	0	863	279	5	0	0	0.00	2.93	0
CO9986+	CO9942	9.06	1 1-	4ACSR	0	0	898	282	1	0	0	0.00	2.92	0
OC1854674688+	CO9986	9.06	0 1-	20 N FUSE	0	0	898	282	0	0	0	0.00	2.92	0
CO10075+	CO9942	9.05	110 3-	1/0ACSR	1224	1164	902	283	570	13	6	0.00	2.93	2
CO17022+	CO10075	9.10	109 3-	1/0ACSR	1218	1158	897	282	556	12	6	0.01	2.93	5
CO10260+	CO17022	9.12	108 3-	1/0ACSR	1215	1156	895	282	550	12	5	0.00	2.93	0
CO10261+	CO10260	9.14	107 3-	1/0ACSR	1213	1153	893	282	533	12	5	0.00	2.94	0
CO10262+	CO10261	9.17	106 3-	1/0ACSR	1209	1149	890	282	520	11	5	0.00	2.94	3
CO10263+	CO10262	9.32	105 3-	1/0ACSR	1191	1132	877	281	511	11	5	0.01	2.95	11
CO10147+	CO10263	9.37	104 3-	1/0ACSR	1185	1126	872	280	510	11	5	0.01	2.96	4
CO10265+	CO10147	9.44	101 3-	1/0ACSR	1176	1118	865	280	497	11	5	0.01	2.97	6
CO10266+	CO10265	9.68	100 3-	1/0ACSR	1149	1093	845	278	496	11	5	0.02	2.99	17
CO101086779+	CO10266	9.77	100 3-	1/0ACSR	1139	1083	837	277	496	11	5	0.01	3.00	7
CO-534389340+	CO101086779	9.82	99 3-	1/0ACSR	1133	1078	833	277	493	11	5	0.00	3.00	4
CO10300+	CO-534389340	9.83	5 1-	6ACWC	0	0	832	277	18	1	1	0.00	3.00	0
OC279+	CO10300	9.83	5 1-	10 N FUSE	0	0	832	277	18	1	13	0.00	3.00	0
CO10301+	OC279	9.90	5 1-	6ACWC	0	0	823	276	18	1	1	0.00	3.01	0
CO10264+	CO10301	9.95	5 1-	6ACWC	0	0	817	275	18	1	1	0.00	3.01	0
CO10280+	CO10264	10.31	4 1-	6ACWC	0	0	775	270	18	1	1	0.01	3.02	0
CO10281+	CO10280	10.42	4 1-	6ACWC	0	0	763	268	18	1	1	0.00	3.02	0
CO17026+	CO10281	10.66	4 1-	6ACWC	0	0	739	265	18	1	1	0.01	3.03	0
CO10666+	CO17026	10.70	4 1-	6ACWC	0	0	735	265	18	1	1	0.00	3.03	0
CO10667+	CO10666	10.85	2 1-	6ACWC	0	0	720	263	6	0	0	0.00	3.03	0
CO10664+	CO10667	10.89	2 1-	6ACWC	0	0	717	262	6	0	0	0.00	3.03	0
CO10621+	CO10664	10.96	1 1-	2ACSR	0	0	711	261	6	0	0	0.00	3.03	0
CO10622+	CO10621	11.04	1 1-	2ACSR	0	0	705	261	6	0	0	0.00	3.03	0
CO10627+	CO10622	11.13	1 1-	1/0PRIURD	0	0	700	447	6	0	0	0.00	3.03	0
CO10665+	CO10664	11.08	1 1-	6ACWC	0	0	698	259	0	0	0	0.00	3.03	0
CO10623+	CO10666	10.81	2 1-	2ACSR	0	0	726	263	12	0	0	0.00	3.03	0
CO10624+	CO10623	10.94	2 1-	2ACSR	0	0	717	262	12	0	0	0.00	3.03	0
CO10625+	CO10624	11.11	1 1-	2ACSR	0	0	704	261	5	0	0	0.00	3.03	0
CO10626+	CO10625	11.22	1 1-	2ACSR	0	0	696	260	5	0	0	0.00	3.03	0
CO10148+	CO-534389340	9.91	94 3-	1/0ACSR	1123	1068	826	276	475	10	5	0.01	3.01	6
CO10149+	CO10148	10.09	93 3-	1/0ACSR	1105	1051	812	275	472	10	5	0.02	3.03	11
CO10176+	CO10149	10.18	0 1-	4ACSR	0	0	801	274	0	0	0	0.00	3.03	0
OC254167615+	CO10176	10.18	0 1-	20 N FUSE	0	0	801	274	0	0	0	0.00	3.03	0
CO10150+	CO10149	10.35	92 3-	1/0ACSR	1078	1026	792	273	462	10	5	0.02	3.05	17
CO10151+	CO10150	10.49	92 3-	1/0ACSR	1064	1013	782	272	462	10	5	0.01	3.06	9

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10178+	CO10151	10.54	0 1-	4ACSR	0	0	776	271	0	0	0	0.00	3.06	0
OC583400006+	CO10178	10.54	0 1-	20 N FUSE	0	0	776	271	0	0	0	0.00	3.06	0
CO10152+	CO10151	10.53	92 3-	1/0ACSR	1061	1010	779	272	462	10	5	0.00	3.07	0
CO10259+	CO10152	10.62	90 3-	1/0ACSR	1052	1001	772	271	455	10	5	0.01	3.08	6
CO-2027190428+	CO10259	10.76	90 3-	2ACSR	1035	986	760	270	455	10	6	0.02	3.10	14
CO-1428831184+	CO-2027190428	10.81	1 3-	2ACSR	1030	981	757	269	7	0	0	0.00	3.10	0
OC1535610630+	CO-1428831184	10.81	0 3-	20 N FUSE	1030	981	757	269	0	0	0	0.00	3.10	0
CO38253983+	CO-2027190428	10.84	89 3-	2ACSR	1026	978	754	269	447	10	6	0.01	3.11	7
CO10278+	CO38253983	10.87	89 3-	1/0ACSR	1024	975	752	269	447	10	4	0.00	3.11	0
CO10214+	CO10278	11.08	89 3-	1/0ACSR	1005	958	738	267	447	10	4	0.02	3.13	13
CO10294+	CO10214	11.15	87 3-	1/0ACSR	999	952	734	267	437	10	4	0.01	3.13	4
CO10183+	CO10294	11.19	1 1-	2ACSR	0	0	730	266	9	0	0	0.00	3.13	0
OC1708491823+	CO10183	11.19	0 1-	20 N FUSE	0	0	730	266	0	0	0	0.00	3.13	0
CO10295+	CO10294	11.17	86 3-	1/0ACSR	997	950	732	266	427	9	4	0.00	3.13	0
CO10288+	CO10295	11.36	84 3-	1/0ACSR	981	935	720	265	421	9	4	0.02	3.15	10
CO10289+	CO10288	11.44	83 3-	1/0ACSR	975	930	716	265	411	9	4	0.01	3.16	4
CO10274+	CO10289	11.47	82 3-	1/0ACSR	973	927	714	264	407	9	4	0.00	3.16	0
CO10154+	CO10274	11.52	81 3-	1/0ACSR	969	923	711	264	407	9	4	0.00	3.16	3
CO10153+	CO10154	11.72	11 1-	6ACWC	0	0	693	261	64	4	3	0.02	3.18	0
OC-1928352186+	CO10153	11.72	11 1-	20 N FUSE	0	0	693	261	64	4	22	0.00	3.18	0
CO10239+	OC-1928352186	12.11	8 1-	6ACWC	0	0	661	256	49	3	2	0.03	3.21	2
CO10240+	CO10239	12.19	8 1-	6ACWC	0	0	654	255	49	3	2	0.01	3.22	0
CO10140+	CO10240	12.29	8 1-	6ACWC	0	0	646	254	49	3	2	0.01	3.22	0
CO10257+	CO10140	12.47	6 1-	6ACWC	0	0	632	252	37	2	2	0.01	3.23	0
CO10258+	CO10257	12.50	5 1-	6ACWC	0	0	630	251	27	1	1	0.00	3.23	0
CO10169+	CO10258	12.55	1 1-	4ACSR	0	0	626	251	14	0	1	0.00	3.24	0
CO10145+	CO10258	12.55	4 1-	4ACSR	0	0	626	251	13	0	1	0.00	3.24	0
CO10158+	CO10145	12.65	0 1-	4ACSR	0	0	619	250	0	0	0	0.00	3.24	0
CO10282+	CO10145	12.61	4 1-	6ACWC	0	0	622	250	13	0	1	0.00	3.24	0
CO10283+	CO10282	12.74	3 1-	6ACWC	0	0	613	249	11	0	1	0.00	3.24	0
CO10226+	CO10283	12.79	2 1-	6ACWC	0	0	609	248	7	0	0	0.00	3.24	0
CO10157+	CO10140	12.48	0 1-	4ACSR	0	0	632	252	0	0	0	0.00	3.22	0
CO10156+	CO10140	12.34	1 1-	4ACSR	0	0	643	254	8	0	0	0.00	3.22	0
CO10155+	CO10240	12.25	0 1-	4ACSR	0	0	649	255	0	0	0	0.00	3.22	0
CO10218+	OC-1928352186	11.85	3 1-	6ACWC	0	0	682	260	15	1	1	0.00	3.18	0
CO10275+	CO10218	11.91	3 1-	6ACWC	0	0	677	259	15	1	1	0.00	3.19	0
CO10276+	CO10275	12.08	2 1-	6ACWC	0	0	663	257	6	0	0	0.00	3.19	0
CO10219+	CO10276	12.17	2 1-	6ACWC	0	0	655	256	6	0	0	0.00	3.19	0
CO10237+	CO10219	12.30	0 1-	6ACWC	0	0	646	254	0	0	0	0.00	3.19	0
CO10238+	CO10237	12.34	0 1-	6ACWC	0	0	642	254	0	0	0	0.00	3.19	0
CO10215+	CO10219	12.49	2 1-	6ACWC	0	0	631	252	6	0	0	0.00	3.19	0
CO10216+	CO10215	12.59	2 1-	6ACWC	0	0	624	250	6	0	0	0.00	3.19	0
CO10217+	CO10216	12.66	2 1-	6ACWC	0	0	619	250	6	0	0	0.00	3.19	0
CO-215609987+	CO10217	12.84	1 1-	2ACSR	0	0	609	248	1	0	0	0.00	3.19	0
CO10269+	CO10154	11.55	69 3-	1/0ACSR	966	921	709	264	334	7	3	0.00	3.16	0
CO10270+	CO10269	11.62	68 3-	1/0ACSR	961	916	705	263	321	7	3	0.00	3.17	0
CO10271+	CO10270	11.71	67 3-	1/0ACSR	954	909	700	263	313	7	3	0.01	3.17	3
CO10179+	CO10271	11.74	1 1-	4ACSR	0	0	697	262	4	0	0	0.00	3.17	0
OC-2096526938+	CO10179	11.74	0 1-	20 N FUSE	0	0	697	262	0	0	0	0.00	3.17	0
CO10272+	CO10271	11.79	66 3-	1/0ACSR	947	903	695	262	309	7	3	0.01	3.18	2
CO10273+	CO10272	11.98	63 3-	1/0ACSR	934	890	685	261	302	6	3	0.01	3.19	5
CO10305+	CO10273	12.03	57 3-	1/0ACSR	929	886	682	261	278	6	3	0.00	3.19	0

Substation Power Factor: 0.98
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17012+	CO10305	12.16	56 3-	1/0ACSR	920	878	675	260	270	6	3	0.01	3.20	3
CO9840+	CO17012	12.28	43 3-	1/0ACSR	912	869	669	259	232	5	2	0.01	3.20	0
CO9841+	CO9840	12.40	42 3-	1/0ACSR	903	861	662	258	232	5	2	0.01	3.21	0
CO9837+	CO9841	12.46	41 3-	1/0ACSR	899	857	659	258	224	5	2	0.00	3.21	0
CO9838+	CO9837	12.47	40 3-	1/0ACSR	899	857	659	258	222	5	2	0.00	3.21	0
CO9839+	CO9838	12.48	40 3-	1/0ACSR	898	856	658	258	222	5	2	0.00	3.21	0
CO9833+	CO9839	12.53	36 3-	1/0ACSR	894	853	655	257	199	4	2	0.00	3.22	0
CO9834+	CO9833	12.67	35 3-	1/0ACSR	885	844	648	256	196	4	2	0.01	3.22	0
CO9705+	CO9834	12.74	33 3-	1/0ACSR	880	839	645	256	183	4	2	0.00	3.22	0
CO9828+	CO9705	12.84	29 3-	1/0ACSR	874	833	640	255	154	3	2	0.00	3.23	0
CO9829+	CO9828	12.88	26 3-	1/0ACSR	871	831	638	255	142	3	1	0.00	3.23	0
CO9706+	CO9829	13.07	24 3-	1/0ACSR	859	819	629	254	135	3	1	0.01	3.23	0
CO9708+	CO9706	13.14	21 3-	1/0ACSR	854	815	626	253	128	2	1	0.00	3.23	0
CO9826+	CO9708	13.24	2 1-	4ACSR	0	0	619	252	25	1	1	0.00	3.24	0
OC761713813+	CO9826	13.24	1 1-	20 N FUSE	0	0	619	252	9	0	3	0.00	3.24	0
CO9827+	OC761713813	13.28	1 1-	4ACSR	0	0	616	252	9	0	0	0.00	3.24	0
CO9709+	CO9708	13.23	18 3-	1/0ACSR	849	810	622	253	100	2	1	0.00	3.24	0
CO9747+	CO9709	13.28	1 1-	4ACSR	0	0	618	252	4	0	0	0.00	3.24	0
OC-1470389222+	CO9747	13.28	0 1-	20 N FUSE	0	0	618	252	0	0	0	0.00	3.24	0
CO9823+	CO9709	13.36	2 1-	4ACSR	0	0	613	251	15	1	1	0.00	3.24	0
OC1694431084+	CO9823	13.36	1 1-	20 N FUSE	0	0	613	251	7	0	2	0.00	3.24	0
CO9824+	OC1694431084	13.39	1 1-	4ACSR	0	0	610	251	7	0	0	0.00	3.24	0
CO9825+	CO9824	13.43	1 1-	4ACSR	0	0	608	250	7	0	0	0.00	3.24	0
CO9821+	CO9709	13.28	15 3-	1/0ACSR	846	807	619	252	81	1	1	0.00	3.24	0
CO9822+	CO9821	13.37	13 3-	1/0ACSR	841	802	615	252	68	1	1	0.00	3.24	0
CO9695+	CO9822	13.46	3 3-	1/0ACSR	835	796	611	251	11	0	0	0.00	3.24	0
CO9715+	CO9695	13.51	1 1-	4ACSR	0	0	608	251	10	0	0	0.00	3.24	0
OC-501691697+	CO9715	13.51	0 1-	20 N FUSE	0	0	608	251	0	0	0	0.00	3.24	0
CO9696+	CO9695	13.49	0 3-	1/0ACSR	833	795	610	251	0	0	0	0.00	3.24	0
CO9936+	CO9696	13.49	0 3-	1/0ACSR	833	795	610	251	0	0	0	0.00	3.24	0
SW268-A+	CO9936	13.49	0 3-	Open	833	795	610	251	0	0	0	0.00	3.24	0
CO9817+	CO9822	13.42	9 1-	4ACSR	0	0	612	251	50	3	2	0.00	3.24	0
OC-979634823+	CO9817	13.42	8 1-	20 N FUSE	0	0	612	251	48	3	16	0.00	3.24	0
CO9818+	OC-979634823	13.44	8 1-	4ACSR	0	0	611	251	48	3	2	0.00	3.24	0
CO9748+	CO9818	13.50	2 1-	4ACSR	0	0	607	250	15	1	1	0.00	3.24	0
CO9819+	CO9818	13.51	4 1-	4ACSR	0	0	606	250	22	1	1	0.00	3.24	0
CO9820+	CO9819	13.54	1 1-	4ACSR	0	0	604	250	4	0	0	0.00	3.25	0
CO9761+	CO9819	13.57	1 1-	2ACSR	0	0	603	250	4	0	0	0.00	3.25	0
CO9746+	CO9708	13.19	1 1-	4ACSR	0	0	622	253	3	0	0	0.00	3.23	0
OC1844020397+	CO9746	13.19	0 1-	20 N FUSE	0	0	622	253	0	0	0	0.00	3.23	0
CO9707+	CO9706	13.13	3 1-	4ACSR	0	0	625	253	7	0	0	0.00	3.23	0
OC-2079146990+	CO9707	13.13	2 1-	20 N FUSE	0	0	625	253	4	0	2	0.00	3.23	0
CO9745+	OC-2079146990	13.27	1 1-	4ACSR	0	0	615	251	4	0	0	0.00	3.23	0
CO9744+	OC-2079146990	13.18	1 1-	4ACSR	0	0	621	252	0	0	0	0.00	3.23	0
CO9743+	CO9829	13.00	1 1-	4ACSR	0	0	629	253	4	0	0	0.00	3.23	0
OC-1180009613+	CO9743	13.00	0 1-	20 N FUSE	0	0	629	253	0	0	0	0.00	3.23	0
CO9742+	CO9829	13.12	1 1-	4ACSR	0	0	620	252	4	0	0	0.00	3.23	0
OC323215689+	CO9742	13.12	0 1-	20 N FUSE	0	0	620	252	0	0	0	0.00	3.23	0
CO9741+	CO9705	12.91	0 1-	4ACSR	0	0	633	254	0	0	0	0.00	3.22	0
OC-1907031928+	CO9741	12.91	0 1-	20 N FUSE	0	0	633	254	0	0	0	0.00	3.22	0
CO9740+	CO9705	12.76	3 1-	4ACSR	0	0	643	256	27	1	1	0.00	3.22	0
OC-890105848+	CO9740	12.76	0 1-	20 N FUSE	0	0	643	256	0	0	0	0.00	3.22	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9830+	CO9834	12.80	2 1-	4ACSR	0	0	638	255	14	0	1	0.00	3.22	0
OC-16123003+	CO9830	12.80	2 1-	20 N FUSE	0	0	638	255	14	0	5	0.00	3.22	0
CO9831+	OC-16123003	12.86	2 1-	4ACSR	0	0	634	254	14	0	1	0.00	3.22	0
CO9832+	CO9831	12.92	1 1-	4ACSR	0	0	630	253	3	0	0	0.00	3.22	0
CO9835+	CO9839	12.55	4 1-	4ACSR	0	0	652	257	23	1	1	0.00	3.22	0
OC858988576+	CO9835	12.55	3 1-	20 N FUSE	0	0	652	257	11	0	4	0.00	3.22	0
CO9836+	OC858988576	12.64	3 1-	4ACSR	0	0	645	255	11	0	1	0.00	3.22	0
CO9739+	CO9836	12.74	2 1-	4ACSR	0	0	638	254	8	0	0	0.00	3.22	0
CO9738+	CO9836	12.69	1 1-	4ACSR	0	0	641	255	3	0	0	0.00	3.22	0
CO9842+	CO17012	12.18	12 1-	6ACWC	0	0	673	259	30	2	1	0.00	3.20	0
CO9843+	CO9842	12.19	11 1-	6ACWC	0	0	672	259	29	1	1	0.00	3.20	0
CO9933+	CO9843	12.20	11 1-	6ACWC	0	0	671	259	29	1	1	0.00	3.20	0
OC263+	CO9933	12.20	11 1-	35 E OCR	0	0	671	259	29	1	6	0.00	3.20	0
CO9934+	OC263	12.42	11 1-	6ACWC	0	0	654	256	29	1	1	0.01	3.21	0
CO9733+	CO9934	12.48	1 1-	4ACSR	0	0	649	256	0	0	0	0.00	3.21	0
CO9844+	CO9934	12.61	9 1-	6ACWC	0	0	639	254	26	1	1	0.01	3.22	0
AU-606240562	CO9844	12.61	8 1-	333 KVA 1PH AUT	0	0	707	162	25	1	8	0.05	3.27	0
CO9845	AU-606240562	12.66	8 1-	6ACWC	0	0	700	161	25	3	2	0.01	3.28	0
CO9846	CO9845	12.77	8 1-	6ACWC	0	0	683	160	25	3	2	0.02	3.30	0
CO9847	CO9846	12.89	8 1-	6ACWC	0	0	666	159	25	3	2	0.02	3.32	0
CO9850	CO9847	12.97	6 1-	6ACWC	0	0	655	158	14	2	1	0.01	3.32	0
OC905634654	CO9850	12.97	5 1-	20 N FUSE	0	0	655	158	14	1	10	0.00	3.32	0
CO9851	OC905634654	13.00	5 1-	6ACWC	0	0	651	158	14	1	1	0.00	3.32	0
CO9852	CO9851	13.29	4 1-	6ACWC	0	0	613	155	9	1	1	0.02	3.34	0
CO9853	CO9852	13.73	4 1-	6ACWC	0	0	562	151	9	1	1	0.02	3.36	0
CO9854	CO9853	14.05	2 1-	6ACWC	0	0	530	149	3	0	0	0.01	3.36	0
CO9704	CO9854	14.27	1 1-	6ACWC	0	0	510	147	0	0	0	0.00	3.36	0
CO9736	CO9704	14.60	0 1-	6ACWC	0	0	481	144	0	0	0	0.00	3.36	0
CO9735	CO9704	14.31	1 1-	6ACWC	0	0	505	147	0	0	0	0.00	3.36	0
CO9855	CO9854	14.13	1 1-	6ACWC	0	0	522	148	3	0	0	0.00	3.37	0
CO9856	CO9855	14.31	1 1-	6ACWC	0	0	505	147	3	0	0	0.00	3.37	0
CO9857	CO9856	14.41	0 1-	6ACWC	0	0	496	146	0	0	0	0.00	3.37	0
CO9858	CO9857	14.50	0 1-	6ACWC	0	0	489	145	0	0	0	0.00	3.37	0
CO9859	CO9858	14.64	0 1-	6ACWC	0	0	477	144	0	0	0	0.00	3.37	0
CO9737	CO9859	14.69	0 1-	6ACWC	0	0	473	144	0	0	0	0.00	3.37	0
CO9860	CO9859	14.81	0 1-	6ACWC	0	0	464	143	0	0	0	0.00	3.37	0
CO9861	CO9860	15.02	0 1-	6ACWC	0	0	449	141	0	0	0	0.00	3.37	0
CO9734	CO9851	13.05	1 1-	4ACSR	0	0	645	158	5	0	1	0.00	3.33	0
CO9848	CO9847	12.93	2 1-	6ACWC	0	0	661	159	11	1	1	0.00	3.32	0
CO9849	CO9848	13.03	1 1-	6ACWC	0	0	647	158	11	1	1	0.00	3.32	0
CO10296+	CO10273	11.98	5 1-	6ACWC	0	0	684	261	15	1	1	0.00	3.19	0
OC277+	CO10296	11.98	5 1-	10 N FUSE	0	0	684	261	15	1	10	0.00	3.19	0
CO10297+	OC277	12.14	5 1-	6ACWC	0	0	671	259	15	1	1	0.00	3.19	0
CO10180+	CO10297	12.20	0 1-	4ACSR	0	0	666	258	0	0	0	0.00	3.19	0
CO10267+	CO10297	12.19	5 1-	6ACWC	0	0	667	258	15	1	1	0.00	3.19	0
CO10268+	CO10267	12.40	2 1-	6ACWC	0	0	650	255	13	0	1	0.00	3.20	0
CO10185+	CO10268	12.71	2 1-	6ACWC	0	0	627	252	13	0	1	0.01	3.20	0
CO10186+	CO10185	12.80	1 1-	6ACWC	0	0	620	251	11	0	1	0.00	3.21	0
CO10187+	CO10186	13.23	1 1-	6ACWC	0	0	592	246	11	0	1	0.01	3.21	0
CO10188+	CO10187	13.25	1 1-	6ACWC	0	0	590	245	11	0	1	0.00	3.21	0
CO10255+	CO10188	13.58	1 1-	6ACWC	0	0	569	241	11	0	1	0.00	3.22	0
CO10256+	CO10255	13.63	0 1-	6ACWC	0	0	566	241	0	0	0	0.00	3.22	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10189+	CO10256	13.70	0 1-	6ACWC	0	0	562	240	0	0	0	0.00	3.22	0
CO10181+	CO10274	11.53	0 1-	4ACSR	0	0	708	264	0	0	0	0.00	3.16	0
OC994165229+	CO10181	11.53	0 1-	20 N FUSE	0	0	708	264	0	0	0	0.00	3.16	0
CO1445891027+	OC994165229	11.58	0 1-	2ACSR	0	0	705	263	0	0	0	0.00	3.16	0
CO10210+	CO10152	11.09	2 1-	6ACWC	0	0	721	264	7	0	0	0.01	3.07	0
OC1561709646+	CO10210	11.09	2 1-	20 N FUSE	0	0	721	264	7	0	2	0.00	3.07	0
CO10211+	OC1561709646	11.24	2 1-	6ACWC	0	0	708	262	7	0	0	0.00	3.08	0
CO10212+	CO10211	11.39	2 1-	6ACWC	0	0	694	260	7	0	0	0.00	3.08	0
CO10213+	CO10212	11.46	1 1-	6ACWC	0	0	687	259	2	0	0	0.00	3.08	0
CO10177+	CO10150	10.69	0 1-	4ACSR	0	0	755	268	0	0	0	0.00	3.05	0
OC1406938388+	CO10177	10.69	0 1-	20 N FUSE	0	0	755	268	0	0	0	0.00	3.05	0
CO10235+	CO10148	10.03	1 1-	4ACSR	0	0	812	275	3	0	0	0.00	3.01	0
OC-535427899+	CO10235	10.03	1 1-	20 N FUSE	0	0	812	275	3	0	1	0.00	3.01	0
CO10236+	OC-535427899	10.08	1 1-	4ACSR	0	0	805	274	3	0	0	0.00	3.01	0
CO-1228874108+	CO101086779	9.79	1 1-	2ACSR	0	0	836	277	3	0	0	0.00	3.00	0
OC1718848821+	CO-1228874108	9.79	0 1-	20 N FUSE	0	0	836	277	0	0	0	0.00	3.00	0
CO10298+	CO10147	9.38	2 1-	4ACSR	0	0	871	280	5	0	0	0.00	2.96	0
OC278+	CO10298	9.38	2 1-	10 N FUSE	0	0	871	280	5	0	3	0.00	2.96	0
CO10299+	OC278	9.43	2 1-	4ACSR	0	0	863	279	5	0	0	0.00	2.96	0
CO10279+	CO10299	9.48	2 1-	4ACSR	0	0	857	279	5	0	0	0.00	2.96	0
CO17027+	CO10279	10.09	1 1-	4ACSR	0	0	781	270	0	0	0	0.00	2.96	0
CO10587+	CO17027	10.17	1 1-	4ACSR	0	0	772	269	0	0	0	0.00	2.96	0
CO10588+	CO10587	10.24	1 1-	4ACSR	0	0	764	268	0	0	0	0.00	2.96	0
CO10589+	CO10588	10.32	1 1-	4ACSR	0	0	756	267	0	0	0	0.00	2.96	0
CO10590+	CO10589	10.38	1 1-	4ACSR	0	0	750	266	0	0	0	0.00	2.96	0
CO10654+	CO10590	10.54	1 1-	4ACSR	0	0	733	264	0	0	0	0.00	2.96	0
CO10655+	CO10654	10.55	0 1-	4ACSR	0	0	732	263	0	0	0	0.00	2.96	0
CO10566+	CO10655	10.61	0 1-	4ACSR	0	0	726	263	0	0	0	0.00	2.96	0
CO10175+	CO10263	9.36	1 1-	4ACSR	0	0	870	280	1	0	0	0.00	2.95	0
OC-161082205+	CO10175	9.36	0 1-	20 N FUSE	0	0	870	280	0	0	0	0.00	2.95	0
CO10174+	CO10263	9.42	0 1-	4ACSR	0	0	862	279	0	0	0	0.00	2.95	0
CO10173+	CO10260	9.16	1 1-	4ACSR	0	0	888	281	17	1	1	0.00	2.93	0
OC-1774194199+	CO10173	9.16	0 1-	20 N FUSE	0	0	888	281	0	0	0	0.00	2.93	0
CO9965+	CO9999	8.93	1 1-	4ACSR	0	0	907	283	12	0	1	0.00	2.90	0
OC1187803766+	CO9965	8.93	0 1-	20 N FUSE	0	0	907	283	0	0	0	0.00	2.90	0
CO9964+	CO9999	8.92	1 1-	4ACSR	0	0	910	283	7	0	0	0.00	2.90	0
OC-399917412+	CO9964	8.92	0 1-	20 N FUSE	0	0	910	283	0	0	0	0.00	2.90	0
CO9963+	CO9999	8.89	1 1-	4ACSR	0	0	914	284	10	0	0	0.00	2.90	0
OC93640448+	CO9963	8.89	0 1-	20 N FUSE	0	0	914	284	0	0	0	0.00	2.90	0
CO9962+	CO1645223413	8.80	1 1-	4ACSR	0	0	924	284	8	0	0	0.00	2.89	0
OC-1014994031+	CO9962	8.80	0 1-	20 N FUSE	0	0	924	284	0	0	0	0.00	2.89	0
CO9940+	CO10074	8.64	4 1-	4ACSR	0	0	944	286	7	0	0	0.00	2.86	0
OC1013284387+	CO9940	8.64	4 1-	20 N FUSE	0	0	944	286	7	0	2	0.00	2.86	0
CO10126+	OC1013284387	8.65	4 1-	4ACSR	0	0	942	286	7	0	0	0.00	2.86	0
CO10127+	CO10126	8.71	2 1-	4ACSR	0	0	932	285	3	0	0	0.00	2.86	0
CO9996+	OC1013284387	8.71	0 1-	4ACSR	0	0	932	285	0	0	0	0.00	2.86	0
CO9997+	CO9996	8.93	0 1-	4ACSR	0	0	899	282	0	0	0	0.00	2.86	0
CO10125+	CO9997	8.94	0 1-	4ACSR	0	0	897	281	0	0	0	0.00	2.86	0
CO17018+	CO10125	9.28	0 1-	4ACSR	0	0	849	276	0	0	0	0.00	2.86	0
CO10425+	CO17018	9.57	0 1-	4ACSR	0	0	813	272	0	0	0	0.00	2.86	0
CO10426+	CO10425	9.78	0 1-	4ACSR	0	0	787	269	0	0	0	0.00	2.86	0
CO10040+	CO9939	7.41	1 1-	4ACSR	0	0	1094	296	3	0	0	0.00	2.70	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-524894970+	CO10040	7.41	1 1-	20 N FUSE	0	0	1094	296	3	0	1	0.00	2.70	0
CO10041+	OC-524894970	7.46	1 1-	4ACSR	0	0	1082	295	3	0	0	0.00	2.70	0
CO9958+	CO9938	7.29	1 1-	4ACSR	0	0	1110	297	0	0	0	0.00	2.68	0
OC497478817+	CO9958	7.29	0 1-	20 N FUSE	0	0	1110	297	0	0	0	0.00	2.68	0
CO10133+	CO10086	6.68	3 1-	4ACSR	0	0	1211	302	27	1	1	0.00	2.59	0
OC269+	CO10133	6.68	3 1-	10 N FUSE	0	0	1211	302	27	1	19	0.00	2.59	0
CO10134+	OC269	7.03	3 1-	4ACSR	0	0	1125	296	27	1	1	0.01	2.60	0
CO9950+	CO10134	7.12	2 1-	4ACSR	0	0	1103	295	13	0	1	0.00	2.60	0
CO9973+	CO9950	7.19	1 1-	4ACSR	0	0	1089	294	8	0	0	0.00	2.60	0
CO9972+	CO9950	7.17	1 1-	4ACSR	0	0	1093	294	5	0	0	0.00	2.60	0
CO9971+	CO10134	7.24	1 1-	4ACSR	0	0	1077	293	15	1	1	0.00	2.60	0
CO9983+	CO10134	7.15	0 1-	4ACSR	0	0	1097	294	0	0	0	0.00	2.60	0
CO10410+	CO10466	6.56	2 1-	4ACSR	0	0	1222	302	5	0	0	0.00	2.55	0
OC1650692425+	CO10410	6.56	2 1-	20 N FUSE	0	0	1222	302	5	0	2	0.00	2.55	0
CO10411+	OC1650692425	6.61	2 1-	4ACSR	0	0	1210	302	5	0	0	0.00	2.55	0
CO10504+	CO10399	5.95	1 3-	2ACSR	1816	1718	1351	309	0	0	0	0.00	2.46	0
CO10503+	CO10504	5.99	1 3-	2ACSR	1801	1704	1340	308	0	0	0	0.00	2.46	0
CO10395+	CO10503	6.59	1 3-	2ACSR	1616	1536	1203	301	0	0	0	0.00	2.46	0
CO10396+	CO10399	5.95	1 3-	2ACSR	1816	1717	1350	308	272	6	3	0.00	2.46	0
CO10397+	CO10396	6.12	1 3-	2ACSR	1759	1666	1308	306	272	6	3	0.01	2.47	6
CO10528+	CO10397	6.21	1 3-	2ACSR	1728	1638	1286	305	272	6	3	0.01	2.48	3
CO10457+	CO10528	6.29	1 3-	2ACSR	1703	1615	1267	304	272	6	3	0.01	2.49	3
CO10458+	CO10457	6.34	0 3-	2ACSR	1687	1601	1255	304	0	0	0	0.00	2.49	0
380217016+	CO10457	6.29	1 3-	Consumer	1703	1615	1267	304	272	6	0	0.00	2.49	0
CO10385+	CO10384	6.06	2 1-	4ACSR	0	0	1306	306	2	0	0	0.00	2.44	0
OC2046603207+	CO10385	6.06	2 1-	20 N FUSE	0	0	1306	306	2	0	1	0.00	2.44	0
CO10386+	OC2046603207	6.15	2 1-	4ACSR	0	0	1278	304	2	0	0	0.00	2.44	0
CO10486+	CO10386	6.21	2 1-	4ACSR	0	0	1259	303	2	0	0	0.00	2.44	0
CO10487+	CO10486	6.61	2 1-	4ACSR	0	0	1154	296	2	0	0	0.00	2.44	0
CO10387+	CO10487	6.89	0 1-	4ACSR	0	0	1088	292	0	0	0	0.00	2.44	0
CO10388+	CO10387	7.24	0 1-	4ACSR	0	0	1017	286	0	0	0	0.00	2.44	0
CO10389+	CO10388	7.52	0 1-	4ACSR	0	0	964	282	0	0	0	0.00	2.44	0
CO17034+	CO10389	7.85	0 1-	4ACSR	0	0	909	277	0	0	0	0.00	2.44	0
CO10526+	CO10487	7.12	1 1-	4ACSR	0	0	1039	288	0	0	0	0.00	2.44	0
CO10347+	CO10472	5.18	1 1-	1/0ACSR	0	0	1540	315	0	0	0	0.00	2.27	0
OC-1178304523+	CO10347	5.18	0 1-	20 N FUSE	0	0	1540	315	0	0	0	0.00	2.27	0
CO10495+	CO10317	4.15	5 1-	1/0ACSR	0	0	1888	325	16	1	0	0.00	2.03	0
OC284+	CO10495	4.15	5 1-	10 N FUSE	0	0	1888	325	16	1	11	0.00	2.03	0
CO10496+	OC284	4.20	5 1-	1/0ACSR	0	0	1869	324	16	1	0	0.00	2.03	0
CO10341+	CO10496	4.29	1 1-	1/0ACSR	0	0	1831	323	6	0	0	0.00	2.03	0
CO10340+	CO10496	4.35	1 1-	1/0ACSR	0	0	1809	323	0	0	0	0.00	2.03	0
CO10316+	CO10371	4.14	306 3-	1/0ACSR	2508	2361	1894	325	1448	33	14	0.05	2.03	113
CO10508+	CO10316	4.28	302 3-	2ACSR	2419	2280	1824	323	1436	32	18	0.06	2.09	139
CO10509+	CO10508	4.41	302 3-	2ACSR	2343	2212	1766	321	1436	32	18	0.05	2.15	125
CO10404+	CO10509	4.43	298 3-	1/0ACSR	2334	2204	1759	321	1420	32	14	0.01	2.15	11
CO10475+	CO10404	4.48	298 3-	1/0ACSR	2313	2184	1742	321	1420	32	14	0.01	2.17	29
CO10476+	CO10475	4.64	297 3-	1/0ACSR	2241	2117	1686	319	1417	32	14	0.05	2.21	99
CO10405+	CO10476	4.79	297 3-	1/0ACSR	2181	2061	1638	318	1416	32	14	0.04	2.25	89
CO10529+	CO10405	4.79	297 3-	750 MCM - 42 Wi	2180	2060	1637	318	1416	32	3	0.00	2.25	0
OC291+	CO10529	4.79	294 3-	100 4E OCR	2180	2060	1637	318	1407	32	32	0.00	2.25	0
CO10502+	OC291	4.87	294 3-	1/0ACSR	2151	2033	1615	317	1407	32	14	0.02	2.27	43
CO10349+	CO10502	4.96	1 1-	4ACSR	0	0	1572	315	10	0	0	0.00	2.28	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC2036417015+	CO10349	4.96	0 1-	20 N FUSE	0	0	1572	315	0	0	0	0.00	2.28	0
CO10322+	CO10502	4.96	293 3-	1/0ACSR	2115	2000	1586	316	1397	31	14	0.03	2.30	56
CO10390+	CO10322	4.98	3 1-	6ACWC	0	0	1576	316	10	0	0	0.00	2.30	0
OC-250807448+	CO10390	4.98	3 1-	20 N FUSE	0	0	1576	316	10	0	3	0.00	2.30	0
CO10473+	OC-250807448	5.12	3 1-	6ACWC	0	0	1519	313	10	0	0	0.00	2.30	0
CO10474+	CO10473	5.27	2 1-	6ACWC	0	0	1459	311	8	0	0	0.00	2.31	0
CO10391+	CO10474	5.48	2 1-	6ACWC	0	0	1382	307	8	0	0	0.00	2.31	0
CO10350+	CO10322	5.01	1 1-	4ACSR	0	0	1565	315	11	0	1	0.00	2.30	0
OC1840461458+	CO10350	5.01	0 1-	20 N FUSE	0	0	1565	315	0	0	0	0.00	2.30	0
CO10323+	CO10322	5.07	289 3-	1/0ACSR	2075	1963	1555	315	1376	31	14	0.03	2.33	61
CO10325+	CO10323	5.11	50 1-	6ACWC	0	0	1539	315	236	16	12	0.01	2.34	5
CO10492+	CO10325	5.11	50 1-	6ACWC	0	0	1536	314	236	16	12	0.00	2.35	0
OC282+	CO10492	5.11	50 1-	35 H OCR	0	0	1536	314	236	16	46	0.00	2.35	0
CO10493+	OC282	5.15	50 1-	6ACWC	0	0	1522	314	236	16	12	0.01	2.36	5
XFMR58	CO10493	5.15	49 1-	333 KVA 1PH AUT	0	0	996	172	236	16	70	0.54	2.90	0
CO10477	XFMR58	5.25	49 1-	6ACWC	0	0	970	171	236	32	23	0.15	3.05	56
CO10392	CO10477	5.32	47 1-	6ACWC	0	0	952	170	230	31	23	0.10	3.15	38
CO10352	CO10392	5.44	0 1-	4ACSR	0	0	923	169	0	0	0	0.00	3.15	0
CO10478	CO10392	5.40	47 1-	6ACWC	0	0	931	169	230	31	23	0.12	3.27	44
CO10479	CO10478	5.54	46 1-	6ACWC	0	0	900	168	224	30	22	0.18	3.44	64
CO10480	CO10479	5.61	45 1-	6ACWC	0	0	882	167	211	29	21	0.10	3.54	33
CO17020	CO10480	5.69	36 1-	6ACWC	0	0	864	166	175	24	17	0.09	3.63	25
CO10101	CO17020	5.78	35 1-	6ACWC	0	0	846	165	170	23	17	0.08	3.71	22
CO10099	CO10101	5.88	18 1-	6ACWC	0	0	824	164	95	13	9	0.06	3.77	9
CO10100	CO10099	5.96	17 1-	6ACWC	0	0	806	163	92	12	9	0.05	3.82	7
CO10018	CO10100	6.06	16 1-	6ACWC	0	0	787	162	82	11	8	0.05	3.87	7
CO10019	CO10018	6.11	16 1-	6ACWC	0	0	778	162	82	11	8	0.02	3.89	3
CO9975	CO10019	6.16	2 1-	4ACSR	0	0	767	161	17	2	2	0.00	3.89	0
CO714025814	CO9975	6.20	1 1-	2ACSR	0	0	761	161	8	1	1	0.00	3.90	0
CO9974	CO10019	6.15	1 1-	4ACSR	0	0	770	161	3	0	0	0.00	3.89	0
CO10055	CO10019	6.22	13 1-	6ACWC	0	0	757	161	63	8	6	0.04	3.93	5
OC-702130228	CO10055	6.22	11 1-	20 N FUSE	0	0	757	161	62	8	43	0.00	3.93	0
CO17285	OC-702130228	6.33	9 1-	6ACWC	0	0	736	160	57	7	6	0.03	3.97	3
CO2918	CO17285	6.41	6 1-	6ACWC	0	0	722	159	35	4	3	0.02	3.98	0
CO2919	CO2918	6.47	5 1-	6ACWC	0	0	713	158	32	4	3	0.01	3.99	0
CO2920	CO2919	6.61	5 1-	6ACWC	0	0	690	157	32	4	3	0.03	4.02	0
CO2924	CO2920	6.94	2 1-	4ACSR	0	0	640	154	11	1	1	0.02	4.04	0
CO2925	CO2924	7.00	1 1-	4ACSR	0	0	632	154	11	1	1	0.00	4.04	0
CO2922	CO2920	6.89	2 1-	6ACWC	0	0	647	155	2	0	0	0.00	4.02	0
CO2923	CO2922	7.04	1 1-	6ACWC	0	0	626	153	0	0	0	0.00	4.02	0
CO2921	CO2920	6.70	1 1-	4ACSR	0	0	675	156	19	2	2	0.01	4.03	0
CO2979	CO2921	6.81	1 1-	4ACSR	0	0	659	155	19	2	2	0.01	4.04	0
CO2980	CO2979	6.81	0 1-	4ACSR	0	0	658	155	0	0	0	0.00	4.04	0
CO9985	OC-702130228	6.27	2 1-	4ACSR	0	0	748	160	5	0	1	0.00	3.94	0
CO10048	CO10100	6.02	1 1-	4ACSR	0	0	795	163	9	1	1	0.00	3.82	0
CO10049	CO10048	6.05	1 1-	4ACSR	0	0	788	162	9	1	1	0.00	3.82	0
CO10050	CO10049	6.12	1 1-	4ACSR	0	0	776	162	9	1	1	0.00	3.83	0
CO10051	CO10050	6.18	1 1-	4ACSR	0	0	765	161	9	1	1	0.00	3.83	0
CO10020	CO10101	6.12	16 1-	4ACSR	0	0	775	162	65	8	6	0.14	3.85	14
CO1866255632	CO10020	6.26	15 1-	2ACSR	0	0	753	161	62	8	5	0.04	3.88	4
CO-1380627950	CO1866255632	6.32	14 1-	2ACSR	0	0	745	160	53	7	4	0.01	3.90	0
CO9976	CO-1380627950	6.41	1 1-	4ACSR	0	0	728	159	7	0	1	0.00	3.90	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9951	CO-1380627950	6.53	13 1-	4ACSR	0	0	708	158	46	6	5	0.06	3.96	5
CO10097	CO9951	6.55	1 1-	4ACSR	0	0	704	158	0	0	0	0.00	3.96	0
CO10098	CO10097	6.65	0 1-	4ACSR	0	0	688	157	0	0	0	0.00	3.96	0
CO10022	CO10098	7.03	0 1-	4ACSR	0	0	632	154	0	0	0	0.00	3.96	0
CO10095	CO9951	6.73	12 1-	4ACSR	0	0	676	157	46	6	5	0.05	4.01	4
OC1517226558	CO10095	6.73	11 1-	20 N FUSE	0	0	676	157	39	5	27	0.00	4.01	0
CO10096	OC1517226558	7.00	11 1-	4ACSR	0	0	635	154	39	5	4	0.07	4.08	4
CO9952	CO10096	7.12	6 1-	4ACSR	0	0	618	153	23	3	2	0.02	4.10	0
CO10023	CO9952	7.39	5 1-	4ACSR	0	0	585	151	21	2	2	0.03	4.13	0
CO10119	CO10023	7.51	5 1-	4ACSR	0	0	570	150	21	2	2	0.02	4.15	0
CO10120	CO10119	7.67	4 1-	4ACSR	0	0	552	148	19	2	2	0.02	4.16	0
CO10024	CO10120	7.71	3 1-	4ACSR	0	0	547	148	13	1	1	0.00	4.17	0
CO10056	CO10024	7.83	3 1-	4ACSR	0	0	535	147	13	1	1	0.01	4.18	0
CO10057	CO10056	8.24	2 1-	4ACSR	0	0	495	144	12	1	1	0.03	4.21	0
CO9989	CO10057	8.42	1 1-	2ACSR	0	0	483	143	7	0	1	0.00	4.21	0
CO10058	CO10057	8.30	1 1-	4ACSR	0	0	490	143	5	0	1	0.00	4.21	0
CO9991	CO10056	7.89	1 1-	2ACSR	0	0	530	147	1	0	0	0.00	4.18	0
CO9977	CO9952	7.31	1 1-	4ACSR	0	0	594	151	2	0	0	0.00	4.10	0
CO10052	CO10096	7.05	4 1-	4ACSR	0	0	628	154	16	2	2	0.00	4.08	0
CO10093	CO10052	7.08	3 1-	4ACSR	0	0	625	153	12	1	1	0.00	4.08	0
CO10094	CO10093	7.15	1 1-	4ACSR	0	0	615	153	5	0	1	0.00	4.09	0
CO10053	CO10094	7.24	1 1-	4ACSR	0	0	603	152	5	0	1	0.00	4.09	0
CO-1177852489	CO1866255632	6.32	1 1-	2ACSR	0	0	744	160	9	1	1	0.00	3.89	0
CO10326	CO10480	5.71	7 1-	4ACSR	0	0	861	166	26	3	3	0.02	3.55	0
CO17284	CO10326	5.83	2 1-	4ACSR	0	0	833	165	0	0	0	0.00	3.55	0
CO4025	CO17284	5.92	1 1-	4ACSR	0	0	815	164	0	0	0	0.00	3.55	0
CO10512	CO10326	5.73	5 1-	4ACSR	0	0	856	166	26	3	3	0.00	3.56	0
CO10353	CO10512	5.75	2 1-	4ACSR	0	0	850	165	9	1	1	0.00	3.56	0
CO10513	CO10512	5.80	3 1-	4ACSR	0	0	840	165	17	2	2	0.00	3.56	0
CO10324+	CO10323	5.14	239 3-	1/0ACSR	2050	1939	1535	315	1139	26	11	0.02	2.35	28
CO17283+	CO10324	5.26	237 3-	1/0ACSR	2009	1901	1503	314	1133	25	11	0.03	2.37	46
CO3922+	CO17283	5.30	237 3-	1/0ACSR	1994	1886	1491	313	1132	25	11	0.01	2.38	17
CO3923+	CO3922	5.42	234 3-	1/0ACSR	1956	1851	1462	312	1107	25	11	0.03	2.41	42
CO3924+	CO3923	5.48	233 3-	1/0ACSR	1938	1834	1448	312	1104	25	11	0.01	2.42	21
CO3872+	CO3924	5.55	0 1-	4ACSR	0	0	1421	310	0	0	0	0.00	2.42	0
OC2085657555+	CO3872	5.55	0 1-	20 N FUSE	0	0	1421	310	0	0	0	0.00	2.42	0
CO3925+	CO3924	5.57	233 3-	1/0ACSR	1908	1806	1425	311	1104	25	11	0.02	2.44	35
CO3927+	CO3925	5.60	233 3-	1/0ACSR	1899	1798	1418	311	1104	25	11	0.01	2.45	11
CO3926+	CO3927	5.66	232 3-	1/0ACSR	1880	1780	1402	310	1104	25	11	0.01	2.46	24
CO4084+	CO3926	5.67	2 1-	4ACSR	0	0	1400	310	1	0	0	0.00	2.46	0
OC116+	CO4084	5.67	2 1-	10 N FUSE	0	0	1400	310	1	0	1	0.00	2.46	0
CO4085+	OC116	5.98	2 1-	4ACSR	0	0	1298	304	1	0	0	0.00	2.46	0
CO3929+	CO4085	6.54	2 1-	4ACSR	0	0	1145	295	1	0	0	0.00	2.46	0
CO3928+	CO3929	6.85	1 1-	4ACSR	0	0	1074	290	0	0	0	0.00	2.46	0
CO3930+	CO3928	6.90	1 1-	4ACSR	0	0	1064	289	0	0	0	0.00	2.46	0
CO3932+	CO3926	5.69	230 3-	1/0ACSR	1871	1771	1396	310	1102	25	11	0.01	2.47	11
CO2056222926+	CO3932	5.72	1 1-	1/0PRIURD	0	0	1389	642	11	0	0	0.00	2.47	0
CO3931+	CO3932	5.72	228 3-	1/0ACSR	1862	1763	1389	310	1080	24	11	0.01	2.47	10
CO4030+	CO3931	5.78	1 1-	4ACSR	0	0	1371	309	4	0	0	0.00	2.47	0
OC1592251931+	CO4030	5.78	0 1-	20 N FUSE	0	0	1371	309	0	0	0	0.00	2.47	0
CO4031+	OC1592251931	5.82	0 1-	4ACSR	0	0	1357	308	0	0	0	0.00	2.47	0
CO3850+	CO3931	5.82	226 3-	1/0ACSR	1835	1738	1368	309	1075	24	11	0.02	2.49	33

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3934+	CO3850	5.86	223 3-	1/0ACSR	1823	1726	1358	308	1059	24	11	0.01	2.50	15
CO3933+	CO3934	6.14	223 3-	1/0ACSR	1748	1656	1301	306	1059	24	11	0.06	2.56	94
CO3935+	CO3933	6.25	222 3-	1/0ACSR	1719	1630	1279	305	1059	24	11	0.02	2.59	38
CO4086+	CO3935	6.26	12 1-	6ACWC	0	0	1277	305	74	5	4	0.00	2.59	0
OC117+	CO4086	6.26	12 1-	10 N FUSE	0	0	1277	305	74	5	51	0.00	2.59	0
CO4087+	OC117	6.28	12 1-	6ACWC	0	0	1272	305	74	5	4	0.00	2.59	0
CO3937+	CO4087	6.38	4 1-	6ACWC	0	0	1244	303	31	2	2	0.00	2.59	0
CO3936+	CO3937	6.45	3 1-	6ACWC	0	0	1224	302	31	2	2	0.00	2.60	0
CO3873+	CO3936	6.49	1 1-	6ACWC	0	0	1212	301	9	0	0	0.00	2.60	0
CO4035+	CO3936	6.57	2 1-	6ACWC	0	0	1191	300	22	1	1	0.00	2.60	0
CO-1959963876+	CO4035	6.61	1 1-	2ACSR	0	0	1183	299	12	0	0	0.00	2.60	0
CO-2093650763+	CO-1959963876	6.65	1 1-	2ACSR	0	0	1176	299	12	0	0	0.00	2.60	0
CO4036+	CO4035	6.60	1 1-	6ACWC	0	0	1185	299	10	0	0	0.00	2.60	0
CO3939+	CO4087	6.59	8 1-	6ACWC	0	0	1186	299	43	2	2	0.02	2.61	0
CO3941+	CO3939	6.63	7 1-	6ACWC	0	0	1176	299	43	2	2	0.00	2.61	0
CO3940+	CO3941	6.65	6 1-	6ACWC	0	0	1170	298	35	2	2	0.00	2.61	0
CO3938+	CO3940	6.75	6 1-	6ACWC	0	0	1147	297	35	2	2	0.01	2.62	0
CO3854+	CO3938	7.04	6 1-	6ACWC	0	0	1082	292	35	2	2	0.02	2.63	0
CO3851+	CO3854	7.22	5 1-	6ACWC	0	0	1044	289	35	2	2	0.01	2.64	0
CO4038+	CO3851	7.26	1 1-	6ACWC	0	0	1035	288	1	0	0	0.00	2.64	0
CO4037+	CO4038	7.31	0 1-	6ACWC	0	0	1025	288	0	0	0	0.00	2.64	0
CO4039+	CO4037	7.50	0 1-	6ACWC	0	0	989	285	0	0	0	0.00	2.64	0
CO3852+	CO3851	7.46	4 1-	6ACWC	0	0	998	285	33	2	2	0.01	2.65	0
CO3945+	CO3852	7.65	2 1-	6ACWC	0	0	964	282	14	0	1	0.00	2.66	0
CO3944+	CO3945	7.75	1 1-	6ACWC	0	0	947	281	8	0	0	0.00	2.66	0
CO3946+	CO3944	7.87	1 1-	6ACWC	0	0	926	279	8	0	0	0.00	2.66	0
CO3943+	CO3946	7.94	1 1-	6ACWC	0	0	916	278	8	0	0	0.00	2.66	0
CO3947+	CO3943	7.97	1 1-	6ACWC	0	0	911	278	8	0	0	0.00	2.66	0
CO3942+	CO3947	7.98	1 1-	6ACWC	0	0	909	278	8	0	0	0.00	2.66	0
CO3948+	CO3942	7.99	1 1-	6ACWC	0	0	908	277	8	0	0	0.00	2.66	0
CO3877+	CO3948	8.03	1 1-	6ACWC	0	0	902	277	8	0	0	0.00	2.66	0
CO3876+	CO3948	8.04	0 1-	6ACWC	0	0	900	277	0	0	0	0.00	2.66	0
CO3875+	CO3852	7.50	1 1-	6ACWC	0	0	989	285	11	0	1	0.00	2.65	0
CO3950+	CO3854	7.36	1 1-	6ACWC	0	0	1017	287	0	0	0	0.00	2.63	0
CO3951+	CO3950	7.43	1 1-	6ACWC	0	0	1004	286	0	0	0	0.00	2.63	0
CO3949+	CO3951	7.69	1 1-	6ACWC	0	0	956	282	0	0	0	0.00	2.63	0
CO3953+	CO3949	7.97	1 1-	6ACWC	0	0	911	278	0	0	0	0.00	2.63	0
CO3952+	CO3953	8.12	0 1-	6ACWC	0	0	888	276	0	0	0	0.00	2.63	0
CO3874+	CO3938	6.99	0 1-	6ACWC	0	0	1093	293	0	0	0	0.00	2.62	0
CO3853+	CO3935	6.30	209 3-	1/0ACSR	1708	1619	1270	305	975	22	10	0.01	2.59	14
CO4040+	CO3853	6.35	2 1-	4ACSR	0	0	1256	304	7	0	0	0.00	2.60	0
OC2141298035+	CO4040	6.35	1 1-	20 N FUSE	0	0	1256	304	0	0	0	0.00	2.60	0
CO4041+	OC2141298035	6.39	1 1-	4ACSR	0	0	1243	303	0	0	0	0.00	2.60	0
CO3954+	CO3853	6.36	207 3-	1/0ACSR	1692	1604	1258	304	968	22	10	0.01	2.61	18
CO3955+	CO3954	6.44	206 3-	1/0ACSR	1673	1586	1243	303	961	22	10	0.01	2.62	22
CO8274+	CO3955	6.63	206 3-	1/0ACSR	1630	1545	1210	302	961	22	10	0.04	2.66	53
CO2857+	CO8274	6.84	206 3-	1/0ACSR	1584	1502	1175	300	961	22	10	0.04	2.70	59
CO2875+	CO2857	6.89	1 1-	4ACSR	0	0	1163	299	8	0	0	0.00	2.70	0
OC1561624457+	CO2875	6.89	0 1-	20 N FUSE	0	0	1163	299	0	0	0	0.00	2.70	0
CO2858+	CO2857	6.94	205 3-	1/0ACSR	1563	1483	1159	299	952	21	10	0.02	2.72	27
CO2975+	CO2858	6.99	2 1-	4ACSR	0	0	1146	298	23	1	1	0.00	2.72	0
OC1028796102+	CO2975	6.99	2 1-	20 N FUSE	0	0	1146	298	23	1	8	0.00	2.72	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17297+	OC1028796102	7.05	2 1-	4ACSR	0	0	1133	297	23	1	1	0.00	2.72	0
CO2976+	CO17297	7.09	1 1-	4ACSR	0	0	1122	297	9	0	0	0.00	2.72	0
CO2977+	CO2976	7.19	1 1-	4ACSR	0	0	1101	295	9	0	0	0.00	2.72	0
CO2973+	CO2858	7.04	203 3-	1/0ACSR	1542	1464	1143	298	929	21	9	0.02	2.74	27
CO2974+	CO2973	7.13	202 3-	1/0ACSR	1525	1447	1130	298	929	21	9	0.02	2.75	23
CO2900+	CO2974	7.19	1 1-	4ACSR	0	0	1117	297	9	0	0	0.00	2.75	0
OC651236609+	CO2900	7.19	0 1-	20 N FUSE	0	0	1117	297	0	0	0	0.00	2.75	0
CO2859+	CO2974	7.22	198 3-	1/0ACSR	1507	1430	1116	297	905	20	9	0.02	2.77	23
CO2860+	CO2859	7.27	197 3-	2ACSR	1495	1420	1107	296	902	20	12	0.01	2.78	18
CO2877+	CO2860	7.36	1 1-	4ACSR	0	0	1088	295	12	0	1	0.00	2.78	0
OC-432239067+	CO2877	7.36	0 1-	20 N FUSE	0	0	1088	295	0	0	0	0.00	2.78	0
CO2876+	CO2860	7.35	2 1-	4ACSR	0	0	1090	295	18	1	1	0.00	2.78	0
OC-1996465118+	CO2876	7.35	0 1-	20 N FUSE	0	0	1090	295	0	0	0	0.00	2.78	0
CO2947+	CO2860	7.39	192 3-	2ACSR	1467	1394	1087	295	867	19	11	0.03	2.81	42
CO2948+	CO2947	7.49	190 3-	2ACSR	1443	1372	1070	294	849	19	11	0.03	2.84	36
CO2861+	CO2948	7.52	21 1-	4ACSR	0	0	1063	293	123	8	6	0.01	2.84	0
CO2886+	CO2861	7.57	3 1-	4ACSR	0	0	1053	293	4	0	0	0.00	2.84	0
CO2985+	CO2861	7.53	18 1-	4ACSR	0	0	1062	293	119	8	6	0.00	2.84	0
OC84+	CO2985	7.53	18 1-	35 E OCR	0	0	1062	293	119	8	23	0.00	2.84	0
CO2986+	OC84	7.60	18 1-	4ACSR	0	0	1047	292	119	8	6	0.01	2.86	2
CO2862+	CO2986	7.70	14 1-	4ACSR	0	0	1028	290	88	6	4	0.01	2.87	0
CO2940+	CO2862	7.79	14 1-	4ACSR	0	0	1010	289	88	6	4	0.01	2.88	0
CO2941+	CO2940	7.86	13 1-	4ACSR	0	0	997	288	84	5	4	0.01	2.89	0
CO2879+	CO2941	7.93	1 1-	4ACSR	0	0	985	287	10	0	1	0.00	2.89	0
CO2938+	CO2941	7.98	12 1-	4ACSR	0	0	977	286	74	5	4	0.01	2.91	0
CO2939+	CO2938	8.02	12 1-	4ACSR	0	0	968	285	74	5	4	0.01	2.91	0
CO2937+	CO2939	8.07	11 1-	4ACSR	0	0	961	285	70	4	3	0.00	2.92	0
CO2880+	CO2937	8.12	1 1-	4ACSR	0	0	951	284	11	0	1	0.00	2.92	0
CO2863+	CO2937	8.48	9 1-	4ACSR	0	0	894	278	53	3	3	0.03	2.95	3
CO1478766226+	CO2863	8.56	1 1-	2ACSR	0	0	885	277	15	1	1	0.00	2.95	0
CO2864+	CO2863	8.67	8 1-	4ACSR	0	0	867	276	38	2	2	0.01	2.96	0
CO2930+	CO2864	8.73	2 1-	4ACSR	0	0	859	275	11	0	1	0.00	2.96	0
CO2931+	CO2930	8.81	2 1-	4ACSR	0	0	847	273	11	0	1	0.00	2.96	0
CO2929+	CO2931	9.19	1 1-	4ACSR	0	0	800	268	0	0	0	0.00	2.96	0
CO2928+	CO2929	9.24	0 1-	4ACSR	0	0	793	268	0	0	0	0.00	2.96	0
CO2927+	CO2928	9.27	0 1-	4ACSR	0	0	789	267	0	0	0	0.00	2.96	0
CO2926+	CO2927	9.38	0 1-	4ACSR	0	0	776	266	0	0	0	0.00	2.96	0
CO2865+	CO2864	8.80	6 1-	4ACSR	0	0	849	274	27	1	1	0.01	2.97	0
CO2932+	CO2865	8.88	3 1-	4ACSR	0	0	838	273	11	0	1	0.00	2.97	0
CO2933+	CO2932	8.98	3 1-	4ACSR	0	0	825	271	11	0	1	0.00	2.97	0
CO2934+	CO2933	9.02	3 1-	4ACSR	0	0	820	271	11	0	1	0.00	2.97	0
CO2935+	CO2934	9.06	2 1-	4ACSR	0	0	815	270	0	0	0	0.00	2.97	0
CO2936+	CO2935	9.17	1 1-	4ACSR	0	0	801	268	0	0	0	0.00	2.97	0
CO2883+	CO2865	8.82	1 1-	4ACSR	0	0	846	273	8	0	0	0.00	2.97	0
CO2882+	CO2865	8.84	2 1-	4ACSR	0	0	844	273	8	0	0	0.00	2.97	0
CO2881+	CO2863	8.54	0 1-	4ACSR	0	0	886	277	0	0	0	0.00	2.95	0
CO2878+	CO2862	7.75	0 1-	4ACSR	0	0	1019	290	0	0	0	0.00	2.87	0
CO2942+	CO2986	7.64	3 1-	4ACSR	0	0	1039	291	20	1	1	0.00	2.86	0
CO2943+	CO2942	7.70	2 1-	4ACSR	0	0	1028	290	20	1	1	0.00	2.86	0
CO2945+	CO2943	7.88	1 1-	2ACSR	0	0	1001	288	10	0	0	0.00	2.86	0
CO2946+	CO2945	8.03	1 1-	2ACSR	0	0	979	287	10	0	0	0.00	2.86	0
CO2944+	CO2943	7.75	1 1-	4ACSR	0	0	1019	290	10	0	0	0.00	2.86	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2866+	CO2948	7.64	168 3-	1/0ACSR	1418	1349	1050	293	724	16	7	0.02	2.86	23
CO2885+	CO2866	7.90	0 1-	4ACSR	0	0	1000	288	0	0	0	0.00	2.86	0
OC-231255964+	CO2885	7.90	0 1-	20 N FUSE	0	0	1000	288	0	0	0	0.00	2.86	0
CO2951+	CO2866	7.71	167 3-	1/0ACSR	1406	1337	1041	292	722	16	7	0.01	2.87	11
CO2952+	CO2951	7.73	166 3-	1/0ACSR	1402	1333	1038	292	712	16	7	0.00	2.87	4
CO2867+	CO2952	7.83	163 3-	1/0ACSR	1387	1319	1026	291	694	15	7	0.01	2.88	14
CO2889+	CO2867	7.87	2 1-	4ACSR	0	0	1017	290	4	0	0	0.00	2.88	0
OC1160188240+	CO2889	7.87	0 1-	20 N FUSE	0	0	1017	290	0	0	0	0.00	2.88	0
CO2868+	CO2867	7.90	161 3-	1/0ACSR	1374	1307	1017	291	690	15	7	0.01	2.90	11
CO2981+	CO2868	8.08	156 3-	2ACSR	1338	1274	991	289	674	15	9	0.04	2.93	39
CO2982+	CO2981	8.16	155 3-	2ACSR	1323	1260	980	288	669	15	9	0.02	2.95	17
CO2891+	CO2982	8.22	1 1-	4ACSR	0	0	970	287	2	0	0	0.00	2.95	0
OC810176915+	CO2891	8.22	0 1-	20 N FUSE	0	0	970	287	0	0	0	0.00	2.95	0
CO2964+	CO2982	8.40	147 3-	1/0ACSR	1288	1227	953	286	620	14	6	0.03	2.98	28
CO2965+	CO2964	8.53	147 3-	1/0ACSR	1270	1210	939	285	620	14	6	0.02	2.99	15
CO2894+	CO2965	8.63	1 1-	4ACSR	0	0	924	283	6	0	0	0.00	2.99	0
OC-849268570+	CO2894	8.63	0 1-	20 N FUSE	0	0	924	283	0	0	0	0.00	2.99	0
CO2966+	CO2965	8.63	145 3-	1/0ACSR	1256	1197	929	284	610	14	6	0.01	3.01	11
CO2967+	CO2966	8.73	144 3-	1/0ACSR	1244	1185	920	283	606	13	6	0.01	3.02	11
CO2872+	CO2967	8.87	143 3-	2ACSR	1220	1164	902	282	599	13	8	0.03	3.04	25
CO2968+	CO2872	8.92	141 3-	2ACSR	1211	1155	896	281	585	13	7	0.01	3.05	9
CO8237+	CO2968	9.23	141 3-	2ACSR	1164	1112	862	278	585	13	7	0.05	3.10	50
OC1085805786+	CO8237	9.23	141 3-	20 N FUSE	1164	1112	862	278	585	13	67	0.00	3.10	0
CO2129+	OC1085805786	9.44	141 3-	2ACSR	1133	1083	839	276	585	13	7	0.04	3.14	36
RG-1448482752+	CO2129	9.44	138 3-	100	1133	1083	839	276	578	13	13	-3.14	0.00	0
CO30692+	RG-1448482752	9.51	138 3-	2ACSR	1123	1074	832	275	578	13	7	0.01	0.01	10
CO-1741023017+	CO30692	9.55	137 3-	2ACSR	1118	1069	828	275	574	12	7	0.01	0.02	6
CO1054441373+	CO-1741023017	9.61	1 1-	2ACSR	0	0	823	274	4	0	0	0.00	0.02	0
CO445956062+	CO-1741023017	9.61	136 3-	2ACSR	1110	1062	823	274	570	12	7	0.01	0.03	8
CO2308+	CO445956062	9.66	136 3-	2ACSR	1103	1055	818	274	570	12	7	0.01	0.04	8
CO2034+	CO2308	9.75	135 3-	2ACSR	1090	1044	808	273	568	12	7	0.02	0.05	14
CO2059+	CO2034	9.84	2 3-	2ACSR	1080	1034	801	272	2	0	0	0.00	0.05	0
XFMR59	CO2059	9.84	2 3-	1000 KVA 1PH AU	1365	1280	1108	167	2	0	0	0.00	0.05	0
CO2131	XFMR59	9.93	1 3-	2ACSR	1332	1250	1078	166	1	0	0	0.00	0.05	0
CO2382	CO2131	10.14	1 3-	2ACSR	1262	1187	1014	165	1	0	0	0.00	0.05	0
CO2307	CO2382	10.26	0 3-	2ACSR	1225	1154	981	164	0	0	0	0.00	0.05	0
CO2130	CO2307	10.43	0 3-	2ACSR	1177	1110	939	163	0	0	0	0.00	0.05	0
CO2373	CO2130	10.44	0 3-	2ACSR	1175	1108	937	163	0	0	0	0.00	0.05	0
SW74-A	CO2373	10.44	0 3-	Open	1175	1108	937	163	0	0	0	0.00	0.05	0
CO2071	XFMR59	9.89	1 1-	4ACSR	0	0	1087	166	2	0	0	0.00	0.05	0
OC-1572721038	CO2071	9.89	0 1-	20 N FUSE	0	0	1087	166	0	0	0	0.00	0.05	0
CO2107+	CO2034	9.77	1 1-	4ACSR	0	0	807	272	3	0	0	0.00	0.05	0
CO2188+	CO2034	9.83	132 3-	336ACSR	1086	1040	805	272	563	12	2	0.00	0.05	2
CO2187+	CO2188	9.95	132 3-	336ACSR	1080	1033	799	272	563	12	2	0.00	0.06	3
CO2240+	CO2187	10.00	3 1-	2ACSR	0	0	795	271	7	0	0	0.00	0.06	0
OC340710077+	CO2240	10.00	2 1-	20 N FUSE	0	0	795	271	7	0	3	0.00	0.06	0
CO2239+	OC340710077	10.17	2 1-	2ACSR	0	0	779	270	7	0	0	0.00	0.06	0
CO2238+	CO2239	10.23	1 1-	2ACSR	0	0	775	269	7	0	0	0.00	0.06	0
CO2186+	CO2187	10.05	127 3-	336ACSR	1075	1028	795	272	546	12	2	0.00	0.06	3
CO2185+	CO2186	10.13	127 3-	336ACSR	1070	1024	791	271	546	12	2	0.00	0.07	2
CO2184+	CO2185	10.17	127 3-	336ACSR	1068	1022	789	271	546	12	2	0.00	0.07	0
CO2183+	CO2184	10.21	127 3-	336ACSR	1066	1020	788	271	546	12	2	0.00	0.07	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO2182+	CO2183	10.25	127 3-	336ACSR	1064	1017	786	271	546	12	2	0.00	0.07	0
CO2181+	CO2182	10.29	127 3-	336ACSR	1062	1015	784	271	546	12	2	0.00	0.07	0
CO2242+	CO2181	10.32	1 1-	2ACSR	0	0	782	271	4	0	0	0.00	0.07	0
OC999628517+	CO2242	10.32	1 1-	20 N FUSE	0	0	782	271	4	0	1	0.00	0.07	0
CO2241+	OC999628517	10.36	1 1-	2ACSR	0	0	778	270	4	0	0	0.00	0.07	0
CO2180+	CO2181	10.49	126 3-	336ACSR	1051	1005	775	270	543	12	2	0.01	0.08	5
CO2179+	CO2180	10.53	126 3-	336ACSR	1049	1003	774	270	542	12	2	0.00	0.08	0
CO2178+	CO2179	10.56	126 3-	336ACSR	1048	1001	772	270	542	12	2	0.00	0.09	0
CO2177+	CO2178	10.59	126 3-	336ACSR	1046	1000	771	270	542	12	2	0.00	0.09	0
CO2176+	CO2177	10.67	126 3-	336ACSR	1042	996	768	270	542	12	2	0.00	0.09	0
CO2175+	CO2176	10.76	126 3-	336ACSR	1038	991	764	269	542	12	2	0.00	0.09	2
CO8225+	CO2175	10.86	5 1-	4ACSR	0	0	753	268	18	1	1	0.00	0.10	0
OC-743590346+	CO8225	10.86	5 1-	20 N FUSE	0	0	753	268	18	1	6	0.00	0.10	0
CO2916+	OC-743590346	10.97	2 1-	4ACSR	0	0	742	266	7	0	0	0.00	0.10	0
CO2917+	CO2916	11.00	1 1-	4ACSR	0	0	739	266	4	0	0	0.00	0.10	0
CO2915+	CO2917	11.09	1 1-	4ACSR	0	0	729	265	4	0	0	0.00	0.10	0
CO2903+	OC-743590346	10.91	1 1-	4ACSR	0	0	748	267	0	0	0	0.00	0.10	0
CO2902+	OC-743590346	10.95	2 1-	4ACSR	0	0	744	267	11	0	1	0.00	0.10	0
CO2311+	CO2175	10.79	121 3-	336ACSR	1036	990	763	269	525	11	2	0.00	0.09	0
CO2312+	CO2311	10.83	121 3-	336ACSR	1034	988	761	269	525	11	2	0.00	0.10	0
CO2313+	CO2312	10.95	121 3-	336ACSR	1028	982	756	269	525	11	2	0.00	0.10	3
CO2314+	CO2313	11.01	121 3-	336ACSR	1025	979	754	269	525	11	2	0.00	0.10	0
CO2315+	CO2314	11.06	120 3-	336ACSR	1023	977	751	268	523	11	2	0.00	0.11	0
CO2189+	CO2315	11.37	120 3-	336ACSR	1008	962	739	267	523	11	2	0.01	0.12	8
CO8236+	CO2189	11.47	2 1-	4ACSR	0	0	730	266	5	0	0	0.00	0.12	0
OC1274106269+	CO8236	11.47	2 1-	20 N FUSE	0	0	730	266	5	0	2	0.00	0.12	0
CO2914+	OC1274106269	11.51	2 1-	4ACSR	0	0	725	265	5	0	0	0.00	0.12	0
CO2978+	CO2914	11.57	1 1-	4ACSR	0	0	719	265	0	0	0	0.00	0.12	0
CO2913+	CO2978	11.61	0 1-	4ACSR	0	0	716	264	0	0	0	0.00	0.12	0
CO2912+	CO2913	11.70	0 1-	4ACSR	0	0	707	263	0	0	0	0.00	0.12	0
CO2167+	CO2189	11.64	118 3-	336ACSR	996	950	729	266	519	11	2	0.01	0.13	6
CO2168+	CO2167	11.68	118 3-	336ACSR	993	947	727	266	519	11	2	0.00	0.13	0
OC1352131085+	CO2168	11.68	118 3-	20 N FUSE	993	947	727	266	519	11	58	0.00	0.13	0
CO2169+	OC1352131085	11.70	118 3-	336ACSR	993	947	726	266	519	11	2	0.00	0.13	0
CO2066+	CO2169	11.73	115 3-	336ACSR	991	945	725	266	506	11	2	0.00	0.13	0
CO2158+	CO2066	11.74	115 3-	336ACSR	991	945	725	266	506	11	2	0.00	0.13	0
CO2159+	CO2158	11.78	115 3-	336ACSR	989	943	723	266	506	11	2	0.00	0.13	0
CO2247+	CO2159	11.82	5 1-	4ACSR	0	0	719	265	22	1	1	0.00	0.13	0
OC574345110+	CO2247	11.82	5 1-	20 N FUSE	0	0	719	265	22	1	7	0.00	0.13	0
CO2125+	OC574345110	11.87	2 1-	4ACSR	0	0	715	265	9	0	0	0.00	0.14	0
CO2112+	CO2125	11.91	2 1-	4ACSR	0	0	711	264	9	0	0	0.00	0.14	0
CO2246+	OC574345110	11.89	3 1-	4ACSR	0	0	713	264	13	0	1	0.00	0.14	0
CO2111+	CO2246	11.99	2 1-	4ACSR	0	0	704	263	13	0	1	0.00	0.14	0
CO2245+	CO2246	11.98	1 1-	4ACSR	0	0	705	263	0	0	0	0.00	0.14	0
CO2160+	CO2159	11.80	110 3-	336ACSR	988	942	722	266	484	10	2	0.00	0.13	0
CO2161+	CO2160	11.99	110 3-	336ACSR	979	933	715	265	484	10	2	0.01	0.14	4
CO2126+	CO2161	12.03	1 1-	2ACSR	0	0	712	265	8	0	0	0.00	0.14	0
OC1682572727+	CO2126	12.03	0 1-	20 N FUSE	0	0	712	265	0	0	0	0.00	0.14	0
CO2162+	CO2161	12.03	109 3-	336ACSR	978	932	714	265	476	10	2	0.00	0.14	0
CO2163+	CO2162	12.11	109 3-	336ACSR	974	928	711	265	476	10	2	0.00	0.15	0
CO2128+	CO2163	12.14	1 1-	2ACSR	0	0	709	265	5	0	0	0.00	0.15	0
OC1506869561+	CO2128	12.14	1 1-	20 N FUSE	0	0	709	265	5	0	2	0.00	0.15	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2316+	OC1506869561	12.21	1 1-	1/0PRIURD	0	0	705	455	5	0	0	0.00	0.15	0
CO2164+	CO2163	12.22	108 3-	336ACSR	969	924	707	265	471	10	2	0.00	0.15	0
CO2318+	CO2164	12.27	108 3-	336ACSR	967	921	705	264	471	10	2	0.00	0.15	0
CO2317+	CO2318	12.62	108 3-	336ACSR	952	906	693	263	471	10	2	0.01	0.16	7
CO2165+	CO2317	12.67	107 3-	336ACSR	950	904	691	263	459	10	2	0.00	0.17	0
CO2122+	CO2165	12.77	1 3-	4ACSR	936	892	682	262	0	0	0	0.00	0.17	0
OC-1469377920+	CO2122	12.77	0 3-	20 N FUSE	936	892	682	262	0	0	0	0.00	0.17	0
CO2320+	CO2165	12.68	106 3-	336ACSR	949	904	691	263	459	10	2	0.00	0.17	0
CO2319+	CO2320	12.76	106 3-	336ACSR	946	900	688	263	459	10	2	0.00	0.17	0
CO2322+	CO2319	12.78	106 3-	336ACSR	945	900	687	263	459	10	2	0.00	0.17	0
CO2321+	CO2322	12.94	104 3-	336ACSR	938	893	682	262	457	10	2	0.01	0.18	3
CO2324+	CO2321	13.11	103 3-	336ACSR	932	886	676	262	457	10	2	0.01	0.18	3
CO2323+	CO2324	13.13	103 3-	336ACSR	930	885	675	262	457	10	2	0.00	0.18	0
CO-472299163+	CO2323	13.15	101 3-	2ACSR	929	883	674	261	445	10	6	0.00	0.18	0
CO-294188546+	CO-472299163	13.18	101 3-	2ACSR	927	881	672	261	445	10	6	0.00	0.19	2
CO2325+	CO-294188546	13.32	101 3-	336ACSR	921	876	668	261	445	10	2	0.00	0.19	3
CO2064+	CO2325	13.39	79 1-	2ACSR	0	0	664	260	338	22	13	0.02	0.22	12
CO2067+	CO2064	13.49	79 1-	2ACSR	0	0	657	259	338	22	13	0.04	0.25	19
AU-1963259189	CO2067	13.49	79 1-	333 KVA 1PH AUT	0	0	711	163	337	22	99	0.80	1.05	0
CO2333	AU-1963259189	13.55	77 1-	2ACSR	0	0	704	162	335	45	25	0.08	1.14	43
CO2334	CO2333	13.68	76 1-	2ACSR	0	0	688	162	328	44	25	0.18	1.32	88
CO2155	CO2334	13.70	75 1-	2ACSR	0	0	685	161	315	42	24	0.03	1.34	14
CO2109	CO2155	13.75	1 1-	4ACSR	0	0	678	161	7	0	1	0.00	1.35	0
CO2065	CO2155	13.77	74 1-	2ACSR	0	0	677	161	308	41	23	0.09	1.44	44
CO2335	CO2065	13.81	73 1-	2ACSR	0	0	672	161	304	41	23	0.05	1.49	25
CO2336	CO2335	13.96	72 1-	2ACSR	0	0	655	160	301	40	23	0.19	1.68	88
CO2174	CO2336	14.03	0 1-	4ACSR	0	0	645	159	0	0	0	0.00	1.68	0
CO2173	CO2174	14.36	0 1-	4ACSR	0	0	604	156	0	0	0	0.00	1.68	0
CO2172	CO2173	14.56	0 1-	4ACSR	0	0	581	154	0	0	0	0.00	1.68	0
CO2171	CO2172	14.59	0 1-	4ACSR	0	0	578	154	0	0	0	0.00	1.68	0
CO2170	CO2171	14.66	0 1-	4ACSR	0	0	570	153	0	0	0	0.00	1.68	0
CO8232	CO2170	14.96	0 1-	4ACSR	0	0	539	150	0	0	0	0.00	1.68	0
CO2377	CO2336	13.97	72 1-	2ACSR	0	0	654	160	300	40	23	0.01	1.69	4
OC68	CO2377	13.97	72 1-	50 H OCR	0	0	654	160	300	40	82	0.00	1.69	0
CO2378	OC68	14.09	72 1-	2ACSR	0	0	640	159	300	40	23	0.16	1.85	74
CO2337	CO2378	14.10	72 1-	2ACSR	0	0	639	159	300	40	23	0.01	1.86	6
CO2338	CO2337	14.12	72 1-	2ACSR	0	0	638	159	300	40	23	0.02	1.88	9
CO2339	CO2338	14.16	72 1-	2ACSR	0	0	633	158	300	40	23	0.06	1.94	28
CO2340	CO2339	14.18	71 1-	2ACSR	0	0	630	158	288	39	22	0.02	1.97	11
CO2341	CO2340	14.20	70 1-	2ACSR	0	0	629	158	287	39	22	0.01	1.98	6
CO8231	CO2341	14.35	70 1-	2ACSR	0	0	613	157	287	39	22	0.19	2.17	86
CO1278	CO8231	14.43	70 1-	2ACSR	0	0	605	156	287	39	22	0.10	2.27	43
CO1484	CO1278	14.48	1 1-	4ACSR	0	0	600	156	3	0	0	0.00	2.27	0
OC133834836	CO1484	14.48	1 1-	20 N FUSE	0	0	600	156	3	0	2	0.00	2.27	0
CO1485	OC133834836	14.49	1 1-	4ACSR	0	0	599	156	3	0	0	0.00	2.27	0
CO8235	CO1485	14.62	0 1-	4ACSR	0	0	584	155	0	0	0	0.00	2.27	0
CO1279	CO1278	14.60	69 1-	2ACSR	0	0	590	155	283	38	22	0.20	2.47	88
CO1316	CO1279	14.91	2 1-	4ACSR	0	0	555	153	3	0	0	0.00	2.47	0
CO1280	CO1279	14.62	67 1-	2ACSR	0	0	587	155	280	38	21	0.03	2.50	12
CO1482	CO1280	14.84	67 1-	2ACSR	0	0	568	154	280	38	21	0.26	2.75	112
CO1483	CO1482	14.88	67 1-	2ACSR	0	0	565	154	279	38	21	0.05	2.80	22
CO1281	CO1483	15.02	55 1-	2ACSR	0	0	553	153	236	32	18	0.14	2.94	51

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1282	CO1281	15.11	51 1-	2ACSR	0	0	545	152	224	30	17	0.09	3.03	32
CO1465	CO1282	15.26	5 1-	4ACSR	0	0	531	151	28	3	3	0.02	3.06	0
OC345597748	CO1465	15.26	4 1-	20 N FUSE	0	0	531	151	22	3	15	0.00	3.06	0
CO1467	OC345597748	15.36	3 1-	2ACSR	0	0	523	150	21	2	2	0.01	3.06	0
CO1468	CO1467	15.39	3 1-	2ACSR	0	0	521	150	21	2	2	0.00	3.07	0
CO1469	CO1468	15.44	2 1-	2ACSR	0	0	517	150	10	1	1	0.00	3.07	0
CO327691258	CO1469	15.81	1 1-	2ACSR	0	0	491	148	3	0	0	0.00	3.07	0
CO1466	OC345597748	15.30	1 1-	4ACSR	0	0	527	150	1	0	0	0.00	3.06	0
CO-2029327586	CO1282	15.16	45 1-	2ACSR	0	0	541	152	196	26	15	0.04	3.07	13
CO1420775688	CO-2029327586	15.22	2 1-	2ACSR	0	0	537	151	10	1	1	0.00	3.08	0
CO1055634389	CO-2029327586	15.30	43 1-	2ACSR	0	0	530	151	186	25	14	0.12	3.19	34
CO1442	CO1055634389	15.44	21 1-	2ACSR	0	0	520	150	51	7	4	0.03	3.22	2
CO1443	CO1442	15.55	21 1-	2ACSR	0	0	511	149	51	7	4	0.02	3.24	0
CO1441	CO1443	15.60	20 1-	2ACSR	0	0	508	149	44	6	3	0.01	3.25	0
CO8208	CO1441	15.94	18 1-	2ACSR	0	0	485	147	42	5	3	0.06	3.31	4
CO1202	CO8208	16.02	10 1-	2ACSR	0	0	479	147	24	3	2	0.01	3.32	0
CO1203	CO1202	16.12	8 1-	2ACSR	0	0	473	146	19	2	1	0.01	3.33	0
CO1204	CO1203	16.17	7 1-	2ACSR	0	0	470	146	14	1	1	0.00	3.33	0
CO1205	CO1204	16.31	5 1-	2ACSR	0	0	462	145	13	1	1	0.01	3.34	0
CO1206	CO1205	16.50	5 1-	2ACSR	0	0	451	144	13	1	1	0.01	3.35	0
CO1207	CO1206	16.75	5 1-	2ACSR	0	0	437	143	13	1	1	0.01	3.36	0
CO1210	CO1207	16.90	1 1-	4ACSR	0	0	427	141	1	0	0	0.00	3.36	0
OC-1578168148	CO1210	16.90	1 1-	20 N FUSE	0	0	427	141	1	0	1	0.00	3.36	0
CO1211	OC-1578168148	16.98	1 1-	4ACSR	0	0	422	141	1	0	0	0.00	3.36	0
CO1212	CO1211	17.03	1 1-	4ACSR	0	0	419	140	1	0	0	0.00	3.36	0
CO1208	CO1207	16.83	4 1-	2ACSR	0	0	432	142	12	1	1	0.00	3.37	0
CO1209	CO1208	17.02	3 1-	2ACSR	0	0	423	141	9	1	1	0.01	3.37	0
CO1185	CO1209	17.05	1 1-	4ACSR	0	0	421	141	9	1	1	0.00	3.37	0
CO1213	CO1209	17.09	2 1-	2ACSR	0	0	419	141	0	0	0	0.00	3.37	0
CO1214	CO1213	17.11	0 1-	2ACSR	0	0	418	141	0	0	0	0.00	3.37	0
CO1198	CO8208	15.98	6 1-	336 MCM ACSR 30	0	0	484	147	13	1	0	0.00	3.31	0
CO1199	CO1198	16.01	5 1-	336 MCM ACSR 30	0	0	482	147	13	1	0	0.00	3.31	0
CO1197	CO1199	16.06	2 1-	2ACSR	0	0	479	147	12	1	1	0.00	3.31	0
CO1200	CO1199	16.02	3 1-	336 MCM ACSR 30	0	0	482	147	2	0	0	0.00	3.31	0
CO1201	CO1200	16.11	3 1-	336 MCM ACSR 30	0	0	479	147	2	0	0	0.00	3.31	0
CO1183	CO1201	16.16	2 1-	4ACSR	0	0	475	146	2	0	0	0.00	3.31	0
CO1182	CO1201	16.19	1 1-	4ACSR	0	0	473	146	0	0	0	0.00	3.31	0
CO1184	CO8208	16.03	1 1-	4ACSR	0	0	478	146	5	0	0	0.00	3.31	0
CO1439	CO1441	15.64	2 1-	4ACSR	0	0	504	149	2	0	0	0.00	3.25	0
OC1364801173	CO1439	15.64	1 1-	20 N FUSE	0	0	504	149	0	0	0	0.00	3.25	0
CO-1123070535	OC1364801173	15.66	1 1-	2ACSR	0	0	503	149	0	0	0	0.00	3.25	0
CO586430296	CO-1123070535	15.72	0 1-	2ACSR	0	0	499	148	0	0	0	0.00	3.25	0
CO-1891725539	CO-1123070535	15.72	1 1-	2ACSR	0	0	499	148	0	0	0	0.00	3.25	0
CO1444	CO1055634389	15.35	3 1-	4ACSR	0	0	525	151	25	3	2	0.00	3.20	0
CO1445	CO1444	15.40	2 1-	4ACSR	0	0	521	150	9	1	1	0.00	3.20	0
CO1446	CO1445	15.54	1 1-	4ACSR	0	0	508	149	9	1	1	0.00	3.20	0
CO1284	CO1055634389	15.42	19 1-	4ACSR	0	0	519	150	109	15	11	0.08	3.27	14
OC1305089452	CO1284	15.42	19 1-	20 N FUSE	0	0	519	150	109	15	75	0.00	3.27	0
CO1285	OC1305089452	15.52	17 1-	4ACSR	0	0	510	149	98	13	10	0.06	3.33	9
CO1321	CO1285	15.64	2 1-	4ACSR	0	0	500	148	11	1	1	0.00	3.33	0
CO1286	CO1285	15.69	15 1-	4ACSR	0	0	496	148	87	11	9	0.09	3.42	13
CO1447	CO1286	15.84	15 1-	4ACSR	0	0	483	146	87	11	9	0.08	3.50	11

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1448	CO1447	15.86	14 1-	4ACSR	0	0	482	146	84	11	8	0.01	3.51	0
CO1451	CO1448	15.90	14 1-	4ACSR	0	0	479	146	84	11	8	0.02	3.53	3
CO1452	CO1451	15.92	14 1-	4ACSR	0	0	477	146	84	11	8	0.01	3.54	0
CO1322	CO1452	16.01	1 1-	4ACSR	0	0	469	145	3	0	0	0.00	3.54	0
CO1287	CO1452	16.11	13 1-	4ACSR	0	0	462	144	82	11	8	0.10	3.64	13
CO1454	CO1287	16.17	9 1-	4ACSR	0	0	457	144	63	8	6	0.02	3.66	0
CO1455	CO1454	16.25	8 1-	4ACSR	0	0	451	143	56	7	6	0.02	3.69	0
CO1456	CO1455	16.29	6 1-	4ACSR	0	0	449	143	36	5	4	0.01	3.69	0
CO1325	CO1456	16.33	2 1-	4ACSR	0	0	446	142	9	1	1	0.00	3.69	0
CO1288	CO1456	16.35	4 1-	4ACSR	0	0	445	142	27	3	3	0.01	3.70	0
CO1327	CO1288	16.41	1 1-	4ACSR	0	0	441	142	9	1	1	0.00	3.70	0
CO1326	CO1288	16.40	1 1-	4ACSR	0	0	441	142	13	1	1	0.00	3.70	0
CO1457	CO1288	16.40	2 1-	4ACSR	0	0	441	142	4	0	0	0.00	3.70	0
CO1458	CO1457	16.41	1 1-	4ACSR	0	0	440	142	0	0	0	0.00	3.70	0
CO1328	CO1458	16.45	0 1-	4ACSR	0	0	438	142	0	0	0	0.00	3.70	0
CO1459	CO1458	16.45	1 1-	4ACSR	0	0	438	142	0	0	0	0.00	3.70	0
CO1460	CO1459	16.84	1 1-	4ACSR	0	0	412	139	0	0	0	0.00	3.70	0
CO1461	CO1460	16.99	1 1-	4ACSR	0	0	403	137	0	0	0	0.00	3.70	0
CO1462	CO1461	17.09	1 1-	4ACSR	0	0	397	137	0	0	0	0.00	3.70	0
CO1463	CO1462	17.14	1 1-	4ACSR	0	0	395	136	0	0	0	0.00	3.70	0
CO1453	CO1287	16.15	3 1-	4ACSR	0	0	459	144	16	2	2	0.00	3.64	0
CO1464	CO1453	16.33	2 1-	4ACSR	0	0	446	142	7	1	1	0.01	3.65	0
CO1324	CO1464	16.42	1 1-	4ACSR	0	0	440	142	7	1	1	0.00	3.65	0
CO1323	CO1464	16.40	1 1-	4ACSR	0	0	441	142	0	0	0	0.00	3.65	0
CO1449	CO1448	15.88	0 1-	4ACSR	0	0	480	146	0	0	0	0.00	3.51	0
CO1450	CO1449	15.92	0 1-	4ACSR	0	0	476	146	0	0	0	0.00	3.51	0
CO1320	OC1305089452	15.52	2 1-	4ACSR	0	0	510	149	11	1	1	0.01	3.28	0
CO1330	CO1320	15.57	1 1-	2ACSR	0	0	507	149	10	1	1	0.00	3.28	0
CO1319	CO1281	15.09	1 1-	4ACSR	0	0	545	152	1	0	0	0.00	2.94	0
CO1318	CO1281	15.06	2 1-	4ACSR	0	0	549	152	9	1	1	0.00	2.94	0
CO1470	CO1483	15.01	11 1-	4ACSR	0	0	551	152	37	5	4	0.03	2.83	0
OC-622856429	CO1470	15.01	10 1-	20 N FUSE	0	0	551	152	28	3	19	0.00	2.83	0
CO1471	OC-622856429	15.04	10 1-	4ACSR	0	0	548	152	28	3	3	0.01	2.84	0
CO1472	CO1471	15.16	10 1-	4ACSR	0	0	536	151	28	3	3	0.02	2.86	0
CO1510	CO1472	15.18	7 1-	4ACSR	0	0	535	151	19	2	2	0.00	2.86	0
CO1511	CO1510	15.20	6 1-	4ACSR	0	0	532	151	15	2	2	0.00	2.86	0
CO1477	CO1511	15.25	5 1-	4ACSR	0	0	528	150	15	2	2	0.00	2.87	0
CO1478	CO1477	15.28	5 1-	4ACSR	0	0	525	150	15	2	2	0.00	2.87	0
CO1479	CO1478	15.33	4 1-	4ACSR	0	0	520	150	10	1	1	0.00	2.87	0
CO1480	CO1479	15.71	2 1-	4ACSR	0	0	487	146	2	0	0	0.00	2.87	0
CO1481	CO1480	15.80	1 1-	4ACSR	0	0	479	146	0	0	0	0.00	2.87	0
CO1473	CO1472	15.19	3 1-	4ACSR	0	0	534	151	9	1	1	0.00	2.86	0
CO1474	CO1473	15.24	2 1-	4ACSR	0	0	528	150	7	1	1	0.00	2.86	0
CO1475	CO1474	15.26	1 1-	4ACSR	0	0	527	150	7	0	1	0.00	2.86	0
CO1476	CO1475	15.47	1 1-	4ACSR	0	0	507	148	7	0	1	0.00	2.87	0
CO1317	CO1280	14.70	0 1-	4ACSR	0	0	579	155	0	0	0	0.00	2.50	0
CO2108	CO2065	13.84	1 1-	4ACSR	0	0	667	160	4	0	0	0.00	1.44	0
CO2110	AU-1963259189	13.56	2 1-	4ACSR	0	0	701	162	3	0	0	0.00	1.06	0
CO2327+	CO2325	13.44	22 3-	336ACSR	916	871	664	260	108	2	0	0.00	0.19	0
CO2328+	CO2327	13.61	21 3-	336ACSR	909	865	659	260	100	2	0	0.00	0.19	0
CO2329+	CO2328	13.64	18 3-	336ACSR	908	863	657	260	80	1	0	0.00	0.19	0
CO2330+	CO2329	13.67	14 3-	336ACSR	907	862	656	260	70	1	0	0.00	0.19	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO2332+	CO2330	13.70	13 3-	336ACSR	906	861	656	260	66	1	0	0.00	0.19	0
CO2331+	CO2332	13.73	13 3-	336ACSR	905	860	655	259	66	1	0	0.00	0.19	0
CO2154+	CO2331	13.81	12 3-	336ACSR	902	857	652	259	65	1	0	0.00	0.20	0
CO2156+	CO2154	13.88	8 3-	336ACSR	899	854	650	259	54	1	0	0.00	0.20	0
CO2157+	CO2156	13.89	8 3-	336ACSR	899	854	650	259	54	1	0	0.00	0.20	0
CO8219+	CO2157	14.00	7 3-	336ACSR	895	850	646	259	48	1	0	0.00	0.20	0
CO1533+	CO8219	14.28	6 3-	336ACSR	884	839	638	258	39	0	0	0.00	0.20	0
CO1681+	CO1533	14.31	5 3-	336ACSR	883	838	637	258	28	0	0	0.00	0.20	0
CO1680+	CO1681	14.39	5 3-	336ACSR	880	836	635	257	28	0	0	0.00	0.20	0
CO1909+	CO1680	14.48	4 3-	336ACSR	877	832	632	257	28	0	0	0.00	0.20	0
CO1910+	CO1909	14.72	4 3-	336ACSR	868	824	625	256	28	0	0	0.00	0.20	0
CO1679+	CO1910	14.76	3 3-	336ACSR	867	822	624	256	18	0	0	0.00	0.20	0
CO1907+	CO1679	14.81	2 3-	336ACSR	865	821	622	256	12	0	0	0.00	0.20	0
CO1908+	CO1907	14.97	0 3-	336ACSR	859	815	618	255	0	0	0	0.00	0.20	0
CO1998+	CO1908	15.04	0 3-	336ACSR	857	813	616	255	0	0	0	0.00	0.20	0
SW51-B+	CO1998	15.04	0 3-	Open	857	813	616	255	0	0	0	0.00	0.20	0
CO1586+	CO1680	14.41	1 1-	4ACSR	0	0	633	257	1	0	0	0.00	0.20	0
OC947310806+	CO1586	14.41	0 1-	20 N FUSE	0	0	633	257	0	0	0	0.00	0.20	0
CO1587+	CO1533	14.30	1 1-	4ACSR	0	0	636	257	11	0	1	0.00	0.20	0
OC-1872335519+	CO1587	14.30	0 1-	20 N FUSE	0	0	636	257	0	0	0	0.00	0.20	0
CO1591+	CO8219	14.14	1 1-	4ACSR	0	0	636	257	9	0	0	0.00	0.20	0
OC-162990370+	CO1591	14.14	0 1-	20 N FUSE	0	0	636	257	0	0	0	0.00	0.20	0
CO2120+	CO2157	13.95	1 1-	4ACSR	0	0	645	258	6	0	0	0.00	0.20	0
OC1464676237+	CO2120	13.95	0 1-	20 N FUSE	0	0	645	258	0	0	0	0.00	0.20	0
CO2119+	CO2154	13.84	2 1-	4ACSR	0	0	650	259	4	0	0	0.00	0.20	0
OC-773099313+	CO2119	13.84	0 1-	20 N FUSE	0	0	650	259	0	0	0	0.00	0.20	0
CO2121+	CO2323	13.18	1 1-	4ACSR	0	0	672	261	7	0	0	0.00	0.18	0
OC-1743038643+	CO2121	13.18	0 1-	20 N FUSE	0	0	672	261	0	0	0	0.00	0.18	0
CO2166+	CO2169	11.76	3 1-	4ACSR	0	0	721	265	13	0	1	0.00	0.13	0
OC1224685867+	CO2166	11.76	3 1-	20 N FUSE	0	0	721	265	13	0	4	0.00	0.13	0
CO8249+	OC1224685867	11.87	3 1-	4ACSR	0	0	710	264	13	0	1	0.00	0.13	0
CO2911+	CO8249	12.13	2 1-	4ACSR	0	0	687	260	12	0	1	0.00	0.14	0
CO2910+	CO2911	12.16	1 1-	4ACSR	0	0	685	260	2	0	0	0.00	0.14	0
CO2909+	CO2910	12.23	1 1-	4ACSR	0	0	679	259	2	0	0	0.00	0.14	0
CO2309+	RG-1448482752	9.45	0 3-	2ACSR	1132	1082	839	276	0	0	0	0.00	0.00	0
CO2033+	CO2129	9.70	1 1-	4ACSR	0	0	806	272	0	0	0	0.00	3.14	0
OC1545479137+	CO2033	9.70	1 1-	20 N FUSE	0	0	806	272	0	0	0	0.00	3.14	0
CO2191+	OC1545479137	9.80	0 1-	4ACSR	0	0	795	271	0	0	0	0.00	3.14	0
CO2190+	CO2191	9.85	0 1-	4ACSR	0	0	790	270	0	0	0	0.00	3.14	0
CO2069+	OC1545479137	9.75	0 1-	4ACSR	0	0	801	271	0	0	0	0.00	3.14	0
CO2068+	OC1545479137	9.73	1 1-	4ACSR	0	0	804	272	0	0	0	0.00	3.14	0
CO228861988+	CO2068	9.83	1 1-	2ACSR	0	0	795	271	0	0	0	0.00	3.14	0
CO2070+	CO2129	9.49	1 1-	4ACSR	0	0	833	275	5	0	0	0.00	3.14	0
CO2896+	CO2872	8.93	2 1-	4ACSR	0	0	893	281	14	0	1	0.00	3.04	0
OC1850914695+	CO2896	8.93	0 1-	20 N FUSE	0	0	893	281	0	0	0	0.00	3.04	0
CO2895+	CO2967	8.76	1 1-	4ACSR	0	0	914	283	7	0	0	0.00	3.02	0
OC932610566+	CO2895	8.76	0 1-	20 N FUSE	0	0	914	283	0	0	0	0.00	3.02	0
CO2959+	CO2982	8.25	7 1-	4ACSR	0	0	964	286	47	3	2	0.01	2.95	0
OC2003961040+	CO2959	8.25	5 1-	20 N FUSE	0	0	964	286	46	3	16	0.00	2.95	0
CO2960+	OC2003961040	8.30	5 1-	4ACSR	0	0	956	285	46	3	2	0.00	2.96	0
CO2871+	CO2960	8.32	3 1-	4ACSR	0	0	952	285	18	1	1	0.00	2.96	0
CO2893+	CO2871	8.42	1 1-	4ACSR	0	0	936	284	6	0	0	0.00	2.96	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2892+	CO2871	8.42	1 1-	4ACSR	0	0	936	284	3	0	0	0.00	2.96	0
CO2901+	CO2871	8.37	1 1-	4ACSR	0	0	944	284	9	0	0	0.00	2.96	0
CO2961+	CO2960	8.37	2 1-	4ACSR	0	0	944	284	28	1	1	0.00	2.96	0
CO2962+	CO2961	8.42	2 1-	4ACSR	0	0	936	284	28	1	1	0.00	2.96	0
CO2963+	CO2962	8.51	1 1-	4ACSR	0	0	921	282	14	0	1	0.00	2.96	0
CO2869+	CO2868	7.97	5 1-	4ACSR	0	0	1004	289	15	1	1	0.00	2.90	0
OC699269408+	CO2869	7.97	4 1-	20 N FUSE	0	0	1004	289	13	0	4	0.00	2.90	0
CO2890+	OC699269408	8.04	0 1-	4ACSR	0	0	991	288	0	0	0	0.00	2.90	0
CO2870+	OC699269408	8.09	2 1-	4ACSR	0	0	983	288	11	0	1	0.00	2.90	0
CO2957+	CO2870	8.17	0 1-	4ACSR	0	0	969	286	0	0	0	0.00	2.90	0
CO2958+	CO2957	8.26	0 1-	4ACSR	0	0	954	285	0	0	0	0.00	2.90	0
CO2955+	CO2870	8.19	2 1-	4ACSR	0	0	966	286	11	0	1	0.00	2.90	0
CO2956+	CO2955	8.22	2 1-	4ACSR	0	0	960	285	11	0	1	0.00	2.90	0
CO2953+	OC699269408	8.07	2 1-	4ACSR	0	0	987	288	2	0	0	0.00	2.90	0
CO2954+	CO2953	8.11	1 1-	4ACSR	0	0	979	287	0	0	0	0.00	2.90	0
CO2888+	CO2952	7.77	0 1-	4ACSR	0	0	1032	291	0	0	0	0.00	2.87	0
OC-1669066469+	CO2888	7.77	0 1-	20 N FUSE	0	0	1032	291	0	0	0	0.00	2.87	0
CO2887+	CO2952	7.77	1 1-	4ACSR	0	0	1031	291	0	0	0	0.00	2.87	0
OC-78338528+	CO2887	7.77	0 1-	20 N FUSE	0	0	1031	291	0	0	0	0.00	2.87	0
CO2949+	CO2859	7.29	0 1-	4ACSR	0	0	1100	296	0	0	0	0.00	2.77	0
OC-2092265410+	CO2949	7.29	0 1-	20 N FUSE	0	0	1100	296	0	0	0	0.00	2.77	0
CO2950+	OC-2092265410	7.33	0 1-	4ACSR	0	0	1093	295	0	0	0	0.00	2.77	0
CO2899+	CO2950	7.37	0 1-	1/0ACSR	0	0	1086	295	0	0	0	0.00	2.77	0
CO2993+	CO2950	7.33	0 1-	4ACSR	0	0	1091	295	0	0	0	0.00	2.77	0
SW88-B+	CO2993	7.33	0 1-	Closed	0	0	1091	295	0	0	0	0.00	2.77	0
SW88-A+	SW88-B	7.33	0 1-	Closed	0	0	1091	295	0	0	0	0.00	2.77	0
CO2994+	SW88-A	7.71	0 1-	4ACSR	0	0	1016	289	0	0	0	0.00	2.77	0
CO2971+	CO2974	7.18	2 1-	4ACSR	0	0	1117	297	14	0	1	0.00	2.75	0
OC-74224108+	CO2971	7.18	1 1-	20 N FUSE	0	0	1117	297	9	0	3	0.00	2.75	0
CO2972+	OC-74224108	7.24	1 1-	4ACSR	0	0	1105	296	9	0	0	0.00	2.75	0
CO2970+	CO2972	7.33	1 1-	4ACSR	0	0	1086	294	9	0	0	0.00	2.75	0
CO2969+	CO2970	7.42	0 1-	4ACSR	0	0	1066	293	0	0	0	0.00	2.75	0
CO2987+	CO8274	6.64	0 1-	4ACSR	0	0	1208	302	0	0	0	0.00	2.66	0
OC85+	CO2987	6.64	0 1-	10 N FUSE	0	0	1208	302	0	0	0	0.00	2.66	0
CO2988+	OC85	6.75	0 1-	4ACSR	0	0	1179	300	0	0	0	0.00	2.66	0
CO2984+	CO2988	7.01	0 1-	4ACSR	0	0	1117	295	0	0	0	0.00	2.66	0
CO2983+	CO2984	7.34	0 1-	4ACSR	0	0	1045	290	0	0	0	0.00	2.66	0
CO4033+	CO3850	5.96	3 1-	4ACSR	0	0	1322	306	16	1	1	0.00	2.50	0
OC-652764596+	CO4033	5.96	2 1-	20 N FUSE	0	0	1322	306	9	0	3	0.00	2.50	0
CO4034+	OC-652764596	6.03	2 1-	4ACSR	0	0	1299	305	9	0	0	0.00	2.50	0
CO4032+	CO4034	6.10	1 1-	4ACSR	0	0	1278	304	7	0	0	0.00	2.50	0
CO10351+	CO10324	5.21	2 1-	4ACSR	0	0	1506	313	6	0	0	0.00	2.35	0
OC-40219635+	CO10351	5.21	0 1-	20 N FUSE	0	0	1506	313	0	0	0	0.00	2.35	0
CO10423+	CO10323	5.16	0 1-	4ACSR	0	0	1515	314	0	0	0	0.00	2.33	0
OC-1783249351+	CO10423	5.16	0 1-	20 N FUSE	0	0	1515	314	0	0	0	0.00	2.33	0
CO10424+	OC-1783249351	5.19	0 1-	4ACSR	0	0	1506	313	0	0	0	0.00	2.33	0
CO10321+	CO10529	5.05	3 1-	4ACSR	0	0	1523	313	9	0	0	0.00	2.26	0
OC1384260034+	CO10321	5.05	3 1-	20 N FUSE	0	0	1523	313	9	0	3	0.00	2.26	0
CO3871+	OC1384260034	5.21	1 1-	4ACSR	0	0	1456	310	0	0	0	0.00	2.26	0
CO10348+	OC1384260034	5.10	2 1-	4ACSR	0	0	1503	312	9	0	0	0.00	2.26	0
CO10494+	CO10509	4.42	4 1-	2ACSR	0	0	1763	321	15	1	1	0.00	2.15	0
OC283+	CO10494	4.42	4 1-	25 E OCR	0	0	1763	321	15	1	4	0.00	2.15	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10516+	OC283	4.46	4 1-	2ACSR	0	0	1745	321	15	1	1	0.00	2.15	0
CO10361+	CO10516	4.52	1 1-	2ACSR	0	0	1717	320	10	0	0	0.00	2.15	0
CO10440+	CO10361	4.55	1 1-	1/0PRIURD	0	0	1707	693	10	0	0	0.00	2.15	0
CO10517+	CO10516	4.50	3 1-	2ACSR	0	0	1729	320	5	0	0	0.00	2.15	0
CO10418+	CO10316	4.19	4 1-	1/0ACSR	0	0	1873	324	11	0	0	0.00	2.03	0
CO10419+	CO10418	4.21	1 1-	1/0ACSR	0	0	1866	324	2	0	0	0.00	2.03	0
CO3847+	CO3846	3.13	1 1-	4ACSR	0	0	2282	329	0	0	0	0.00	1.41	0
OC-717008194+	CO3847	3.13	1 1-	20 N FUSE	0	0	2282	329	0	0	0	0.00	1.41	0
CO3917+	OC-717008194	3.27	0 1-	4ACSR	0	0	2157	326	0	0	0	0.00	1.41	0
CO3916+	CO3917	3.40	0 1-	4ACSR	0	0	2057	324	0	0	0	0.00	1.41	0
CO3868+	OC-717008194	3.17	1 1-	4ACSR	0	0	2245	328	0	0	0	0.00	1.41	0
CO5062+	CO5041	1.80	1 1-	2ACSR	0	0	3640	344	2	0	0	0.00	0.91	0
CO5115+	CO5117	1.10	1 1-	4ACSR	0	0	5056	350	0	0	0	0.00	0.53	0
OC-2030868963+	CO5115	1.10	1 1-	20 N FUSE	0	0	5056	350	0	0	0	0.00	0.53	0
CO5116+	OC-2030868963	1.14	1 1-	4ACSR	0	0	4878	349	0	0	0	0.00	0.53	0
CO17279+	CO5125	0.89	2 1-	2ACSR	0	0	5721	352	19	1	1	0.00	0.43	0
OC-1869266894+	CO17279	0.89	1 1-	20 N FUSE	0	0	5721	352	8	0	3	0.00	0.43	0
CO11855+	OC-1869266894	0.94	1 1-	2ACSR	0	0	5491	351	8	0	0	0.00	0.43	0
SUB	0 total losses:	\$55,064												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0	MAYSVILLE		739		2968	2986	2996	357	12869					
CO24828+	MAYSVILLE	0.00	739 3-	750 MCM - 42 Wi	2967	2984	2994	357	12869	304	26	0.00	0.00	18
CO24829+	CO24828	0.01	739 3-	750 MCM - 42 Wi	2966	2982	2992	357	12869	304	26	0.00	0.01	18
CO1140063019+	CO24829	0.02	674 3-	336ACSR	2962	2977	2987	357	4638	104	20	0.00	0.01	16
Moransburg+	CO1140063019	0.02	674 3-	560 200WVE	2962	2977	2987	357	4638	104	19	0.00	0.01	0
CO30582+	Moransburg	0.04	674 3-	336ACSR	2952	2960	2970	357	4638	104	20	0.01	0.02	52
CO24969+	CO30582	0.06	0 3-	4ACSR	2942	2948	2953	357	0	0	0	0.00	0.02	0
CO24371+	CO30582	0.08	674 3-	336ACSR	2935	2940	2944	357	4638	104	20	0.02	0.03	84
CO24369+	CO24371	0.13	674 3-	336ACSR	2919	2921	2918	357	4637	104	20	0.02	0.05	82
CO24370+	CO24369	0.23	674 3-	336ACSR	2878	2874	2855	356	4637	104	20	0.04	0.09	209
CO24372+	CO24370	0.31	674 3-	336ACSR	2848	2840	2811	356	4636	104	20	0.03	0.12	153
CO24854+	CO24372	1.23	662 3-	336ACSR	2542	2493	2372	352	4540	102	20	0.32	0.44	1720
CO1466904252+	CO24854	1.60	660 3-	336ACSR	2433	2373	2222	350	4528	102	20	0.13	0.57	707
SW13-A1+	CO1466904252	1.60	660 3-	Closed	2433	2373	2222	350	4525	102	0	0.00	0.57	0
SW13-B1+	SW13-A1	1.60	660 3-	Closed	2433	2373	2222	350	4525	102	0	0.00	0.57	0
CO1875554019+	SW13-B1	1.60	0 1-	2ACSR	0	0	2222	350	0	0	0	0.00	0.57	0
CO966936428+	CO1875554019	1.64	0 1-	2ACSR	0	0	2202	349	0	0	0	0.00	0.57	0
CO-1589968403+	SW13-B1	1.80	660 3-	336ACSR	2380	2315	2152	349	4525	102	20	0.07	0.64	364
CO24533+	CO-1589968403	1.97	660 3-	336ACSR	2335	2266	2095	348	4523	102	20	0.06	0.70	325
CA307555243+	CO24533	1.97	0 3-	Capacitor	2335	2266	2095	348	0	0	0	0.00	0.70	0
CO24111+	CO24533	2.17	2 1-	2ACSR	0	0	2001	345	18	1	1	0.00	0.70	0
CO24353+	CO24533	2.23	658 3-	336ACSR	2271	2196	2015	347	4504	102	20	0.09	0.79	478
CO24347+	CO24353	2.29	658 3-	336ACSR	2255	2179	1996	347	4502	102	20	0.02	0.81	120
CO24352+	CO24347	2.34	658 3-	336ACSR	2245	2168	1984	347	4501	102	20	0.02	0.83	83
SW7-A+	CO24352	2.34	658 3-	Closed	2245	2168	1984	347	4501	102	0	0.00	0.83	0
SW7-B+	SW7-A	2.34	658 3-	Closed	2245	2168	1984	347	4501	102	0	0.00	0.83	0
CO24348+	SW7-B	2.55	658 3-	336ACSR	2195	2115	1924	346	4501	102	20	0.07	0.90	393
SW9-A+	CO24348	2.55	658 3-	Closed	2195	2115	1924	346	4499	102	0	0.00	0.90	0
SW9-B+	SW9-A	2.55	658 3-	Closed	2195	2115	1924	346	4499	102	0	0.00	0.90	0
CO412913533+	SW9-B	2.61	0 1-	2ACSR	0	0	1899	345	0	0	0	0.00	0.90	0
CO24351+	SW9-B	2.60	658 3-	336ACSR	2184	2102	1910	346	4499	102	20	0.02	0.92	97
CO24349+	CO24351	2.65	658 3-	336ACSR	2173	2091	1898	345	4499	102	20	0.02	0.94	85
CO24350+	CO24349	2.68	658 3-	336ACSR	2166	2084	1890	345	4498	102	20	0.01	0.95	59
CO24354+	CO24350	2.77	78 3-	1/0ACSR	2137	2052	1856	344	690	15	7	0.01	0.96	14
CO24355+	CO24354	2.88	78 3-	1/0ACSR	2104	2017	1818	343	690	15	7	0.02	0.97	16
CO24799+	CO24355	2.89	28 1-	4ACSR	0	0	1815	343	254	17	12	0.00	0.98	0
OC743+	CO24799	2.89	28 1-	50 E OCR	0	0	1815	343	254	17	34	0.00	0.98	0
CO24800+	OC743	2.98	28 1-	4ACSR	0	0	1780	341	254	17	12	0.03	1.01	13
CO24099+	CO24800	3.02	1 1-	4ACSR	0	0	1763	340	8	0	0	0.00	1.01	0
CO24336+	CO24800	3.10	26 1-	4ACSR	0	0	1727	338	236	15	11	0.05	1.05	17
CO24335+	CO24336	3.18	26 1-	4ACSR	0	0	1696	336	236	15	11	0.03	1.08	11
CO24613+	CO24335	3.24	26 1-	4ACSR	0	0	1675	335	236	15	11	0.02	1.10	7
CO24100+	CO24613	3.29	1 1-	4ACSR	0	0	1653	334	0	0	0	0.00	1.10	0
CO24614+	CO24613	3.30	25 1-	4ACSR	0	0	1649	334	235	15	11	0.02	1.12	9
CO-1190264589+	CO24614	3.42	2 1-	2ACSR	0	0	1610	332	23	1	1	0.00	1.13	0
CO-2044225376+	CO24614	3.32	22 1-	2ACSR	0	0	1644	334	213	14	8	0.00	1.13	0
CO409744936+	CO-2044225376	3.38	1 1-	2ACSR	0	0	1624	333	24	1	1	0.00	1.13	0
CO-2846681+	CO-2044225376	3.38	21 1-	1/0PRIURD	0	0	1628	744	189	12	8	0.01	1.14	2
CO1953311677+	CO-2846681	3.45	1 1-	1/0PRIURD	0	0	1609	740	14	0	1	0.00	1.14	0
CO1919252633+	CO-2846681	3.49	19 1-	1/0PRIURD	0	0	1600	738	174	11	8	0.01	1.15	4
CO-1271417986+	CO1919252633	3.56	19 1-	1/0PRIURD	0	0	1581	733	174	11	8	0.01	1.16	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1701690575+	CO-1271417986	3.73	2 1-	1/0PRIURD	0	0	1541	724	30	2	1	0.00	1.16	0
CO-1304916138+	CO-1271417986	3.72	5 1-	1/0PRIURD	0	0	1542	725	50	3	2	0.00	1.16	0
CO754933898+	CO-1304916138	3.78	3 1-	1/0PRIURD	0	0	1528	721	19	1	1	0.00	1.16	0
CO-1610551382+	CO-1271417986	3.62	10 1-	1/0PRIURD	0	0	1566	730	68	4	3	0.00	1.16	0
CO-1295843269+	CO-1610551382	3.70	9 1-	1/0PRIURD	0	0	1546	726	58	3	3	0.00	1.16	0
CO423793199+	CO-1295843269	3.79	9 1-	1/0PRIURD	0	0	1525	720	58	3	3	0.00	1.17	0
CO-1694195908+	CO423793199	3.88	7 1-	1/0PRIURD	0	0	1505	716	39	2	2	0.00	1.17	0
CO-1064174532+	CO-1694195908	3.89	3 1-	1/0PRIURD	0	0	1502	715	21	1	1	0.00	1.17	0
CO-150473200+	CO-1064174532	4.01	3 1-	2/0ACSR	0	0	1476	327	21	1	1	0.00	1.17	0
CO-1374902857+	CO-1694195908	3.99	3 1-	1/0PRIURD	0	0	1479	710	13	0	1	0.00	1.17	0
CO-6178535+	CO-1374902857	4.07	2 1-	1/0PRIURD	0	0	1463	706	9	0	0	0.00	1.17	0
CO-288554623+	CO-6178535	4.11	1 1-	1/0PRIURD	0	0	1453	703	8	0	0	0.00	1.17	0
CO-111161149+	CO-288554623	4.17	1 1-	1/0PRIURD	0	0	1442	701	8	0	0	0.00	1.17	0
CO-1605796178+	CO-1610551382	3.63	1 1-	1/0PRIURD	0	0	1563	729	11	0	0	0.00	1.16	0
CO24334+	CO24336	3.15	0 1-	4ACSR	0	0	1707	337	0	0	0	0.00	1.05	0
CO24797+	CO24355	2.92	50 3-	1/0ACSR	2094	2006	1806	343	436	10	4	0.00	0.98	0
OC742+	CO24797	2.92	50 3-	70 L OCR	2094	2006	1806	343	436	10	14	0.00	0.98	0
CO24798+	OC742	2.93	50 3-	1/0ACSR	2090	2002	1802	342	436	10	4	0.00	0.98	0
CO24318+	CO24798	3.11	50 3-	1/0ACSR	2040	1949	1746	341	436	10	4	0.02	0.99	10
CO24322+	CO24318	3.20	40 1-	4ACSR	0	0	1708	339	224	15	11	0.03	1.03	12
CO24323+	CO24322	3.28	40 1-	4ACSR	0	0	1679	337	224	15	11	0.03	1.06	10
CO23943+	CO24323	3.35	39 1-	4ACSR	0	0	1649	335	221	15	11	0.03	1.08	10
CO24097+	CO23943	3.41	1 1-	4ACSR	0	0	1628	334	12	0	1	0.00	1.08	0
CO23944+	CO23943	3.39	38 1-	4ACSR	0	0	1637	335	209	14	10	0.01	1.09	4
XFMR65	CO23944	3.39	38 1-	333 KVA 1PH AUT	0	0	988	175	209	14	62	0.62	1.71	0
CO24631	XFMR65	3.41	38 1-	4ACSR	0	0	983	175	209	28	21	0.03	1.74	10
CO24632	CO24631	3.43	38 1-	4ACSR	0	0	980	174	209	28	21	0.02	1.76	6
CO24324	CO24632	3.48	38 1-	4ACSR	0	0	968	174	209	28	21	0.07	1.83	23
CO24098	CO24324	3.53	0 1-	4ACSR	0	0	956	173	0	0	0	0.00	1.83	0
CO23945	CO24324	3.51	32 1-	4ACSR	0	0	960	173	182	25	18	0.04	1.87	13
CO23946	CO23945	3.54	15 1-	4ACSR	0	0	955	173	98	13	10	0.01	1.89	2
CO24492	CO23946	3.55	2 1-	4ACSR	0	0	952	173	13	1	1	0.00	1.89	0
CO24495	CO24492	3.73	1 1-	4ACSR	0	0	913	171	10	1	1	0.01	1.90	0
CO24493	CO24495	3.83	1 1-	4ACSR	0	0	890	170	10	1	1	0.01	1.91	0
CO24494	CO24493	3.84	1 1-	4ACSR	0	0	889	170	10	1	1	0.00	1.91	0
CO24325	CO23946	3.58	13 1-	4ACSR	0	0	945	173	86	11	8	0.02	1.91	3
CO24327	CO24325	3.63	12 1-	4ACSR	0	0	934	172	86	11	8	0.03	1.94	4
CO24326	CO24327	3.70	11 1-	4ACSR	0	0	919	171	80	11	8	0.03	1.97	4
CO24959	CO24326	3.70	4 1-	1/0PRIURD	0	0	919	399	16	2	1	0.00	1.97	0
CO24960	CO24959	3.77	4 1-	1/0PRIURD	0	0	908	396	16	2	1	0.00	1.98	0
CO24788	CO24960	3.82	2 1-	1/0PRIURD	0	0	900	395	8	1	1	0.00	1.98	0
CO24950	CO24326	3.78	3 1-	1/0PRIURD	0	0	907	396	19	2	2	0.00	1.98	0
CO24787	CO24950	3.82	3 1-	1/0PRIURD	0	0	900	395	19	2	2	0.00	1.98	0
CO24786	CO24787	3.86	2 1-	1/0PRIURD	0	0	895	394	10	1	1	0.00	1.98	0
CO24785	CO24326	3.73	4 1-	1/0PRIURD	0	0	914	398	45	6	4	0.00	1.98	0
CO24782	CO23945	3.56	17 1-	1/0PRIURD	0	0	952	409	84	11	8	0.01	1.89	0
CO24784	CO24782	3.62	17 1-	1/0PRIURD	0	0	943	407	84	11	8	0.01	1.90	0
CO24783	CO24784	3.71	14 1-	1/0PRIURD	0	0	929	404	65	9	6	0.02	1.92	0
CO24878	CO24783	3.71	0 1-	1/0PRIURD	0	0	928	404	0	0	0	0.00	1.92	0
CO24877	CO24878	3.72	0 1-	1/0PRIURD	0	0	927	404	0	0	0	0.00	1.92	0
CO24496	CO24783	3.74	8 1-	1/0PRIURD	0	0	923	403	46	6	4	0.00	1.92	0
CO24633	CO24496	3.79	6 1-	1/0PRIURD	0	0	915	401	36	4	3	0.00	1.92	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24333	CO24324	3.55	6 1-	4ACSR	0	0	952	173	26	3	3	0.01	1.84	0
CO24328	CO24333	3.61	6 1-	4ACSR	0	0	940	172	26	3	3	0.01	1.85	0
CO24332	CO24328	3.64	6 1-	4ACSR	0	0	933	172	26	3	3	0.00	1.86	0
CO24329	CO24332	3.71	6 1-	4ACSR	0	0	918	171	26	3	3	0.01	1.87	0
CO24331	CO24329	3.75	6 1-	4ACSR	0	0	908	171	26	3	3	0.01	1.88	0
CO24330	CO24331	3.78	6 1-	4ACSR	0	0	903	170	26	3	3	0.00	1.88	0
CO24955	CO24330	3.82	5 1-	1/0PRIURD	0	0	896	392	26	3	2	0.00	1.88	0
CO24789	CO24955	3.96	4 1-	1/0PRIURD	0	0	875	388	12	1	1	0.00	1.89	0
CO24790	CO24789	4.00	1 1-	1/0PRIURD	0	0	870	387	4	0	0	0.00	1.89	0
CO24951	CO24790	4.06	0 1-	1/0PRIURD	0	0	860	385	0	0	0	0.00	1.89	0
CO24498	CO24330	3.91	1 1-	2ACSR	0	0	878	169	1	0	0	0.00	1.88	0
CO24497	CO24498	3.95	1 1-	2ACSR	0	0	870	169	1	0	0	0.00	1.88	0
CO24629+	CO24323	3.31	1 1-	4ACSR	0	0	1667	336	3	0	0	0.00	1.06	0
CO24630+	CO24629	3.32	0 1-	4ACSR	0	0	1660	336	0	0	0	0.00	1.06	0
CO24320+	CO24318	3.16	10 3-	1/0ACSR	2024	1932	1728	340	212	4	2	0.00	1.00	0
CO24319+	CO24320	3.22	10 3-	1/0ACSR	2008	1915	1711	339	212	4	2	0.00	1.00	0
CO24763+	CO24319	3.35	7 3-	1/0ACSR	1972	1877	1672	338	165	3	2	0.00	1.00	0
CO24764+	CO24763	3.47	7 3-	1/0ACSR	1939	1843	1636	337	165	3	2	0.00	1.01	0
CO24503+	CO24764	3.68	2 1-	2ACSR	0	0	1572	334	83	5	3	0.01	1.02	0
CO24504+	CO24503	3.80	1 1-	2ACSR	0	0	1536	332	29	1	1	0.00	1.02	0
CO24321+	CO24764	3.52	5 3-	1/0ACSR	1927	1829	1623	336	82	1	1	0.00	1.01	0
CO23942+	CO24321	3.73	5 1-	4ACSR	0	0	1550	332	82	5	4	0.03	1.04	4
CO24963+	CO23942	3.89	5 1-	4ACSR	0	0	1496	329	82	5	4	0.02	1.06	2
CO24634+	CO24963	3.90	3 1-	4ACSR	0	0	1491	328	35	2	2	0.00	1.06	0
CO24961+	CO24634	3.93	2 1-	4ACSR	0	0	1483	328	35	2	2	0.00	1.06	0
CO24962+	CO24961	3.95	1 1-	4ACSR	0	0	1477	327	19	1	1	0.00	1.06	0
CO24491+	CO24963	3.97	1 1-	4ACSR	0	0	1468	327	31	2	2	0.00	1.06	0
CO24342+	CO23942	3.81	0 1-	4ACSR	0	0	1521	330	0	0	0	0.00	1.04	0
CO24340+	CO24342	4.00	0 1-	4ACSR	0	0	1459	326	0	0	0	0.00	1.04	0
CO24637+	CO24340	4.05	0 1-	4ACSR	0	0	1443	325	0	0	0	0.00	1.04	0
CO24638+	CO24637	4.10	0 1-	4ACSR	0	0	1429	324	0	0	0	0.00	1.04	0
CO24341+	CO24638	4.19	0 1-	4ACSR	0	0	1400	322	0	0	0	0.00	1.04	0
CO24616+	CO24319	3.25	3 1-	4ACSR	0	0	1700	339	48	3	2	0.00	1.00	0
CO24617+	CO24616	3.28	2 1-	4ACSR	0	0	1687	338	32	2	2	0.00	1.00	0
CO-686199376+	CO24617	3.32	1 1-	2ACSR	0	0	1674	338	12	0	0	0.00	1.00	0
CO24317+	CO24350	2.72	580 3-	1/0ACSR	2152	2069	1874	345	3808	86	38	0.03	0.98	195
CO24096+	CO24317	2.77	0 1-	4ACSR	0	0	1853	344	0	0	0	0.00	0.98	0
CO24535+	CO24317	2.81	580 3-	1/0ACSR	2126	2040	1843	344	3807	86	38	0.07	1.05	380
CO24534+	CO24535	2.89	580 3-	1/0ACSR	2101	2014	1815	343	3805	86	38	0.06	1.11	352
CO24095+	CO24534	3.01	2 1-	4ACSR	0	0	1768	340	5	0	0	0.00	1.11	0
CO24107+	CO24095	3.04	2 1-	4ACSR	0	0	1753	340	5	0	0	0.00	1.11	0
CO23941+	CO24534	2.97	578 3-	1/0ACSR	2079	1990	1790	342	3798	86	38	0.06	1.17	324
CO24094+	CO23941	3.12	1 1-	4ACSR	0	0	1728	339	0	0	0	0.00	1.17	0
CO24537+	CO23941	3.16	576 3-	1/0ACSR	2025	1933	1729	340	3789	86	37	0.14	1.31	804
CO24536+	CO24537	3.18	576 3-	1/0ACSR	2019	1927	1723	340	3786	86	37	0.01	1.32	84
CO24093+	CO24536	3.25	1 1-	4ACSR	0	0	1694	338	0	0	0	0.00	1.32	0
CO24315+	CO24536	3.23	574 3-	1/0ACSR	2006	1913	1709	339	3780	86	37	0.04	1.36	206
CO24316+	CO24315	3.25	574 3-	1/0ACSR	1999	1906	1701	339	3779	86	37	0.02	1.38	107
CO24343+	CO24316	3.40	2 1-	4ACSR	0	0	1646	336	1	0	0	0.00	1.38	0
CO24346+	CO24343	3.43	1 1-	4ACSR	0	0	1633	335	1	0	0	0.00	1.38	0
CO24344+	CO24346	3.48	1 1-	4ACSR	0	0	1616	334	1	0	0	0.00	1.38	0
CO24345+	CO24344	3.61	0 1-	4ACSR	0	0	1568	331	0	0	0	0.00	1.38	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24314+	CO24316	3.29	572 3-	1/0ACSR	1989	1895	1690	339	3778	86	37	0.03	1.40	150
CO24766+	CO24314	3.30	572 3-	1/0ACSR	1986	1892	1687	339	3777	86	37	0.01	1.41	45
CO24765+	CO24766	3.38	572 3-	1/0ACSR	1965	1870	1664	338	3777	86	37	0.06	1.47	331
CO24092+	CO24765	3.41	2 1-	4ACSR	0	0	1653	337	21	1	1	0.00	1.47	0
CO2056979915+	CO24092	3.45	0 1-	2ACSR	0	0	1640	337	0	0	0	0.00	1.47	0
CO23940+	CO24765	3.46	568 3-	1/0ACSR	1943	1846	1640	337	3744	85	37	0.06	1.53	357
CO24091+	CO23940	3.49	2 1-	4ACSR	0	0	1629	336	7	0	0	0.00	1.53	0
CO23938+	CO23940	3.52	78 3-	1/0ACSR	1928	1830	1624	336	935	21	9	0.01	1.54	15
CO23939+	CO23938	3.55	72 3-	1/0ACSR	1919	1821	1614	336	916	21	9	0.01	1.55	9
CO24803+	CO23939	3.56	70 3-	1/0ACSR	1917	1819	1612	336	894	20	9	0.00	1.55	0
OC736+	CO24803	3.56	70 3-	50 E OCR	1917	1819	1612	336	894	20	41	0.00	1.55	0
CO24804+	OC736	3.67	70 3-	1/0ACSR	1889	1789	1583	335	894	20	9	0.02	1.57	27
CO24313+	CO24804	3.73	70 3-	1/0ACSR	1874	1774	1568	334	894	20	9	0.01	1.58	14
CO24639+	CO24313	3.78	70 3-	1/0ACSR	1861	1760	1553	334	894	20	9	0.01	1.59	13
CO24640+	CO24639	3.83	70 3-	1/0ACSR	1849	1748	1541	333	894	20	9	0.01	1.60	12
CO24641+	CO24640	3.91	70 3-	1/0ACSR	1828	1727	1520	332	894	20	9	0.02	1.62	20
CO24642+	CO24641	3.96	69 3-	1/0ACSR	1817	1714	1508	332	891	20	9	0.01	1.63	12
CO24103+	CO24642	4.02	1 1-	4ACSR	0	0	1490	331	0	0	0	0.00	1.63	0
CO24643+	CO24642	4.08	68 3-	1/0ACSR	1790	1687	1481	331	891	20	9	0.02	1.65	27
CO24644+	CO24643	4.11	68 3-	1/0ACSR	1781	1678	1472	330	891	20	9	0.01	1.66	9
CO24309+	CO24644	4.16	67 3-	1/0ACSR	1771	1666	1461	330	878	20	9	0.01	1.66	11
CO24105+	CO24309	4.18	1 1-	4ACSR	0	0	1455	329	4	0	0	0.00	1.66	0
CO24104+	CO24309	4.19	0 1-	4ACSR	0	0	1452	329	0	0	0	0.00	1.66	0
CO24312+	CO24309	4.24	66 3-	1/0ACSR	1753	1649	1444	329	873	20	9	0.01	1.68	18
CO24310+	CO24312	4.37	66 3-	1/0ACSR	1724	1619	1414	328	873	20	9	0.02	1.70	30
CO24311+	CO24310	4.45	65 3-	1/0ACSR	1708	1602	1398	327	846	19	9	0.01	1.72	17
CO24106+	CO24311	4.48	1 1-	4ACSR	0	0	1387	326	16	1	1	0.00	1.72	0
CO24956+	CO24311	4.72	64 3-	1/0ACSR	1650	1543	1342	324	830	19	8	0.05	1.76	58
CO24957+	CO24956	4.80	64 3-	1/0ACSR	1635	1527	1327	323	830	19	8	0.01	1.78	16
CO24304+	CO24957	4.98	64 3-	1/0ACSR	1599	1491	1292	322	829	19	8	0.03	1.81	39
CO24308+	CO24304	5.04	64 3-	1/0ACSR	1588	1480	1282	321	829	19	8	0.01	1.82	12
CO24305+	CO24308	5.08	64 3-	1/0ACSR	1579	1471	1273	321	829	19	8	0.01	1.83	10
CO24307+	CO24305	5.18	64 3-	1/0ACSR	1561	1453	1256	320	829	19	8	0.02	1.84	20
CO24306+	CO24307	5.22	64 3-	1/0ACSR	1553	1445	1249	319	829	19	8	0.01	1.85	9
CO24286+	CO24306	5.27	22 3-	1/0ACSR	1544	1436	1240	319	84	1	1	0.00	1.85	0
CO24074+	CO24286	5.32	1 1-	4ACSR	0	0	1230	318	0	0	0	0.00	1.85	0
CO24073+	CO24286	5.31	0 1-	4ACSR	0	0	1231	318	0	0	0	0.00	1.85	0
CO23929+	CO24286	5.31	20 1-	4ACSR	0	0	1231	318	84	5	4	0.01	1.86	0
CO24881+	CO23929	5.36	20 1-	4ACSR	0	0	1221	317	84	5	4	0.01	1.86	0
XFMR63	CO24881	5.36	20 1-	333 KVA 1PH AUT	0	0	903	172	84	5	25	0.26	2.13	0
CO24879	XFMR63	5.36	20 1-	4ACSR	0	0	902	172	84	11	8	0.00	2.13	0
OC723	CO24879	5.36	20 1-	25 E OCR	0	0	902	172	84	11	47	0.00	2.13	0
CO24880	OC723	5.42	20 1-	4ACSR	0	0	891	172	84	11	8	0.03	2.16	4
CO24287	CO24880	5.53	20 1-	4ACSR	0	0	869	170	84	11	8	0.06	2.22	8
CO24289	CO24287	5.66	17 1-	4ACSR	0	0	843	169	66	9	7	0.06	2.28	6
CO24288	CO24289	5.71	17 1-	4ACSR	0	0	835	169	66	9	7	0.02	2.30	0
CO24475	CO24288	5.76	4 1-	4ACSR	0	0	824	168	23	3	2	0.01	2.30	0
CO24474	CO24475	5.82	3 1-	4ACSR	0	0	814	167	10	1	1	0.00	2.30	0
CO24075	CO24475	5.78	0 1-	4ACSR	0	0	821	168	0	0	0	0.00	2.30	0
CO24645	CO24288	5.75	12 1-	4ACSR	0	0	827	168	44	6	4	0.01	2.31	0
CO24646	CO24645	5.77	10 1-	4ACSR	0	0	822	168	32	4	3	0.00	2.31	0
CO24647	CO24646	5.82	9 1-	4ACSR	0	0	813	167	27	3	3	0.01	2.32	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24970	CO24647	5.94	8 1-	4ACSR	0	0	792	166	27	3	3	0.02	2.34	0
CO24220	CO24970	6.18	8 1-	4ACSR	0	0	751	164	27	3	3	0.04	2.38	0
CO24222	CO24220	6.28	7 1-	4ACSR	0	0	733	163	27	3	3	0.02	2.40	0
CO24221	CO24222	6.40	7 1-	4ACSR	0	0	713	161	27	3	3	0.02	2.42	0
CO24453	CO24221	6.49	3 1-	4ACSR	0	0	700	161	12	1	1	0.01	2.42	0
CO24454	CO24453	6.57	1 1-	4ACSR	0	0	688	160	6	0	1	0.00	2.43	0
CO23882	CO24221	6.49	4 1-	4ACSR	0	0	700	161	15	2	1	0.01	2.43	0
CO24760	CO23882	6.50	3 1-	4ACSR	0	0	698	160	5	0	1	0.00	2.43	0
CO24761	CO24760	6.56	2 1-	4ACSR	0	0	689	160	4	0	0	0.00	2.43	0
CO24456	CO24761	6.62	2 1-	4ACSR	0	0	680	159	4	0	0	0.00	2.43	0
CO24455	CO24456	6.65	2 1-	4ACSR	0	0	676	159	4	0	0	0.00	2.43	0
CO24024	CO23882	6.58	1 1-	4ACSR	0	0	686	160	10	1	1	0.00	2.43	0
CO24023	CO24220	6.25	0 1-	4ACSR	0	0	739	163	0	0	0	0.00	2.38	0
CO24076	CO24287	5.61	3 1-	4ACSR	0	0	853	170	17	2	2	0.00	2.23	0
CO1608489873	CO24076	5.66	1 1-	2ACSR	0	0	844	169	0	0	0	0.00	2.23	0
CO24285+	CO24306	5.27	42 3-	1/0ACSR	1544	1435	1240	319	745	17	8	0.01	1.86	9
CO24636+	CO24285	5.32	42 3-	1/0ACSR	1536	1427	1232	318	745	17	8	0.01	1.86	8
CO24635+	CO24636	5.35	42 3-	1/0ACSR	1531	1422	1227	318	745	17	8	0.00	1.87	5
CO23927+	CO24635	5.52	41 3-	1/0ACSR	1500	1392	1199	316	745	17	8	0.03	1.90	30
CO24276+	CO23927	5.55	4 3-	4ACSR	1494	1388	1193	316	35	0	1	0.00	1.90	0
CO24768+	CO24276	5.57	4 3-	4ACSR	1488	1382	1188	315	35	0	1	0.00	1.90	0
CO24769+	CO24768	5.59	3 3-	4ACSR	1485	1380	1185	315	5	0	0	0.00	1.90	0
CO23928+	CO24769	5.80	3 3-	4ACSR	1433	1336	1139	311	5	0	0	0.00	1.90	0
CO24280+	CO23928	5.84	3 3-	4ACSR	1424	1328	1131	310	5	0	0	0.00	1.90	0
CO24277+	CO24280	5.91	3 3-	4ACSR	1409	1315	1118	309	5	0	0	0.00	1.90	0
CO24279+	CO24277	5.92	3 3-	4ACSR	1406	1313	1115	309	5	0	0	0.00	1.90	0
CO24278+	CO24279	6.09	3 3-	4ACSR	1367	1280	1082	306	5	0	0	0.00	1.90	0
CO24284+	CO24278	6.16	1 1-	2ACSR	0	0	1072	305	2	0	0	0.00	1.90	0
CO24281+	CO24284	6.66	1 1-	2ACSR	0	0	998	299	2	0	0	0.00	1.90	0
CO24283+	CO24281	6.76	1 1-	2ACSR	0	0	986	298	2	0	0	0.00	1.90	0
CO24282+	CO24283	6.91	1 1-	2ACSR	0	0	966	296	2	0	0	0.00	1.90	0
CO23934+	CO24278	6.41	1 1-	4ACSR	0	0	1023	300	1	0	0	0.00	1.90	0
CO24072+	CO23928	5.99	0 1-	4ACSR	0	0	1101	308	0	0	0	0.00	1.90	0
CO24648+	CO24769	5.66	0 1-	4ACSR	0	0	1169	314	0	0	0	0.00	1.90	0
CO24649+	CO24648	5.74	0 1-	4ACSR	0	0	1153	312	0	0	0	0.00	1.90	0
CO24650+	CO23927	5.63	36 3-	1/0ACSR	1482	1376	1182	315	708	16	7	0.02	1.91	16
CO24651+	CO24650	5.76	35 3-	1/0ACSR	1460	1355	1161	314	708	16	7	0.02	1.93	21
CO24652+	CO24651	5.86	35 3-	1/0ACSR	1445	1342	1148	313	708	16	7	0.01	1.94	14
CO24078+	CO24652	5.89	1 1-	4ACSR	0	0	1140	313	1	0	0	0.00	1.94	0
CO24077+	CO24652	5.95	1 1-	4ACSR	0	0	1129	311	0	0	0	0.00	1.94	0
CO23930+	CO24652	5.95	33 3-	1/0ACSR	1430	1328	1134	312	707	16	7	0.01	1.96	15
CO24290+	CO23930	6.12	33 3-	1/0ACSR	1403	1304	1110	311	707	16	7	0.03	1.98	26
CO24291+	CO24290	6.23	33 3-	1/0ACSR	1387	1289	1095	310	707	16	7	0.02	2.00	16
CO24080+	CO24291	6.29	0 1-	4ACSR	0	0	1083	309	0	0	0	0.00	2.00	0
CO24654+	CO24291	6.27	33 3-	1/0ACSR	1380	1283	1089	309	707	16	7	0.01	2.01	7
CO24655+	CO24654	6.32	32 3-	1/0ACSR	1373	1276	1083	309	698	16	7	0.01	2.01	7
CO24292+	CO24655	6.41	32 3-	1/0ACSR	1361	1265	1072	308	698	16	7	0.01	2.03	13
CO24476+	CO24292	6.48	0 1-	4ACSR	0	0	1058	307	0	0	0	0.00	2.03	0
CO24477+	CO24476	6.60	0 1-	4ACSR	0	0	1038	305	0	0	0	0.00	2.03	0
CO23931+	CO24292	6.52	9 3-	1/0ACSR	1344	1250	1057	307	591	13	6	0.01	2.04	12
CO24483+	CO23931	6.55	0 1-	4ACSR	0	0	1052	307	0	0	0	0.00	2.04	0
CO24484+	CO24483	6.68	0 1-	4ACSR	0	0	1029	304	0	0	0	0.00	2.04	0

Substation Power Factor: 0.93
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24293+	CO23931	6.56	9 3-	1/0ACSR	1339	1245	1053	307	591	13	6	0.00	2.04	4
CO24298+	CO24293	6.61	9 3-	1/0ACSR	1332	1239	1046	306	591	13	6	0.01	2.05	5
CO24294+	CO24298	6.63	9 3-	1/0ACSR	1329	1236	1044	306	591	13	6	0.00	2.05	2
CO24297+	CO24294	6.68	9 3-	1/0ACSR	1322	1229	1037	306	591	13	6	0.01	2.06	6
CO24295+	CO24297	6.73	9 3-	1/0ACSR	1316	1224	1032	305	591	13	6	0.01	2.06	5
CO24296+	CO24295	6.77	9 3-	1/0ACSR	1309	1218	1026	305	591	13	6	0.01	2.07	5
CO24081+	CO24296	6.84	0 1-	4ACSR	0	0	1015	304	0	0	0	0.00	2.07	0
CO24873+	CO24296	6.89	5 1-	4ACSR	0	0	1007	303	25	1	1	0.00	2.08	0
CO24487+	CO24873	6.93	5 1-	4ACSR	0	0	1001	302	25	1	1	0.00	2.08	0
CO24087+	CO24487	6.98	1 1-	4ACSR	0	0	993	301	14	0	1	0.00	2.08	0
CO24486+	CO24487	7.02	4 1-	4ACSR	0	0	986	300	11	0	1	0.00	2.08	0
CO24301+	CO24296	6.81	4 3-	4ACSR	1302	1212	1020	304	566	13	9	0.01	2.08	9
CO24299+	CO24301	6.87	4 3-	4ACSR	1291	1202	1010	303	566	13	9	0.01	2.10	14
CO24300+	CO24299	6.88	4 3-	4ACSR	1289	1201	1009	303	566	13	9	0.00	2.10	2
CO24482+	CO24300	6.91	3 3-	2ACSR	1284	1196	1004	303	3	0	0	0.00	2.10	0
CO24864+	CO24482	7.03	1 1-	4ACSR	0	0	985	300	0	0	0	0.00	2.10	0
CO24481+	CO24482	6.97	1 3-	2ACSR	1275	1189	997	302	0	0	0	0.00	2.10	0
CO24865+	CO24481	7.04	0 3-	2ACSR	1264	1178	987	301	0	0	0	0.00	2.10	0
CO24480+	CO24300	6.92	1 3-	4ACSR	1280	1193	1001	302	563	13	9	0.01	2.11	12
CO24478+	CO24480	6.97	0 3-	4ACSR	1270	1185	993	301	0	0	0	0.00	2.11	0
CO24479+	CO24478	7.01	0 3-	4ACSR	1263	1179	987	301	0	0	0	0.00	2.11	0
CO24952+	CO24480	6.95	1 3-	1/0PRIURD	1278	1192	1000	584	563	13	9	0.00	2.11	2
140553025+	CO24952	6.95	1 3-	Consumer	1278	1192	1000	584	563	13	0	0.00	2.11	0
CO24805+	CO24292	6.41	23 1-	4ACSR	0	0	1070	308	107	7	5	0.00	2.03	0
OC735+	CO24805	6.41	23 1-	25 E OCR	0	0	1070	308	107	7	30	0.00	2.03	0
CO24806+	OC735	6.43	23 1-	4ACSR	0	0	1067	308	107	7	5	0.00	2.03	0
CO24656+	CO24806	6.54	22 1-	4ACSR	0	0	1048	306	103	7	5	0.02	2.05	3
CO24302+	CO24656	6.58	22 1-	4ACSR	0	0	1041	305	103	7	5	0.01	2.05	0
CO24084+	CO24302	6.60	0 1-	4ACSR	0	0	1037	305	0	0	0	0.00	2.05	0
CO23932+	CO24302	6.63	22 1-	4ACSR	0	0	1032	304	103	7	5	0.01	2.06	0
CO24082+	CO23932	6.66	1 1-	4ACSR	0	0	1027	304	2	0	0	0.00	2.06	0
CO24657+	CO23932	6.64	21 1-	4ACSR	0	0	1030	304	100	6	5	0.00	2.06	0
CO24658+	CO24657	6.67	20 1-	4ACSR	0	0	1025	303	99	6	5	0.00	2.07	0
CO24083+	CO24658	6.74	4 1-	4ACSR	0	0	1014	302	23	1	1	0.00	2.07	0
CO24303+	CO24658	6.70	16 1-	4ACSR	0	0	1019	303	76	5	4	0.00	2.07	0
CO24659+	CO24303	6.75	15 1-	4ACSR	0	0	1011	302	73	5	4	0.01	2.08	0
CO24863+	CO24659	6.89	9 1-	4ACSR	0	0	989	300	63	4	3	0.01	2.09	0
CO24664+	CO24863	6.95	6 1-	4ACSR	0	0	979	298	55	3	3	0.00	2.10	0
CO24088+	CO24664	6.99	1 1-	4ACSR	0	0	973	298	17	1	1	0.00	2.10	0
CO24762+	CO24664	6.98	3 1-	4ACSR	0	0	974	298	24	1	1	0.00	2.10	0
CO24862+	CO24762	7.04	1 1-	2ACSR	0	0	967	297	9	0	0	0.00	2.10	0
CO24485+	CO24862	7.10	1 1-	2ACSR	0	0	959	297	9	0	0	0.00	2.10	0
CO24488+	CO24762	6.99	2 1-	4ACSR	0	0	973	298	15	1	1	0.00	2.10	0
CO24660+	CO24863	6.92	3 1-	4ACSR	0	0	984	299	9	0	0	0.00	2.09	0
CO24661+	CO24660	7.00	2 1-	4ACSR	0	0	971	298	8	0	0	0.00	2.09	0
CO24662+	CO24661	7.02	1 1-	4ACSR	0	0	968	297	3	0	0	0.00	2.09	0
CO24663+	CO24662	7.04	0 1-	4ACSR	0	0	965	297	0	0	0	0.00	2.09	0
CO24079+	CO23930	6.04	0 1-	4ACSR	0	0	1115	311	0	0	0	0.00	1.96	0
CO24653+	CO23930	6.07	0 1-	4ACSR	0	0	1110	310	0	0	0	0.00	1.96	0
CO24627+	CO23939	3.59	2 1-	4ACSR	0	0	1602	335	21	1	1	0.00	1.55	0
CO24628+	CO24627	3.67	0 1-	4ACSR	0	0	1574	334	0	0	0	0.00	1.55	0
CO24490+	CO23938	3.56	6 1-	4ACSR	0	0	1610	335	19	1	1	0.00	1.55	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24625+	CO24490	3.62	5 1-	4ACSR	0	0	1589	334	15	1	1	0.00	1.55	0
CO24626+	CO24625	3.62	4 1-	4ACSR	0	0	1587	334	15	1	1	0.00	1.55	0
CO24489+	CO24490	3.59	0 1-	4ACSR	0	0	1598	335	0	0	0	0.00	1.55	0
CO24802+	CO23940	3.47	486 3-	1/0ACSR	1941	1844	1638	337	2781	63	27	0.00	1.54	15
SW10-A+	CO24802	3.47	486 3-	Closed	1941	1844	1638	337	2780	63	0	0.00	1.54	0
SW10-B+	SW10-A	3.47	486 3-	Closed	1941	1844	1638	337	2780	63	0	0.00	1.54	0
CO24801+	SW10-B	3.61	486 3-	1/0ACSR	1903	1805	1598	335	2780	63	27	0.08	1.62	332
CO24110+	CO24801	3.63	0 3-	2ACSR	1898	1799	1592	335	0	0	0	0.00	1.62	0
CO24102+	CO24801	3.65	1 1-	4ACSR	0	0	1585	335	1	0	0	0.00	1.62	0
CO23937+	CO24801	3.73	485 3-	1/0ACSR	1874	1774	1568	334	2778	63	27	0.06	1.68	260
CO23936+	CO23937	3.85	483 3-	1/0ACSR	1844	1743	1536	333	2772	63	27	0.07	1.74	281
CO24101+	CO23936	3.93	2 1-	4ACSR	0	0	1511	331	4	0	0	0.00	1.74	0
CO24539+	CO23936	3.91	481 3-	1/0ACSR	1828	1726	1520	332	2767	62	27	0.04	1.78	147
CO24538+	CO24539	4.02	481 3-	1/0ACSR	1803	1700	1494	331	2766	62	27	0.06	1.84	239
CO24860+	CO24538	4.28	63 1-	4ACSR	0	0	1414	326	409	28	21	0.18	2.01	116
CO24259+	CO24860	4.33	63 1-	4ACSR	0	0	1399	325	409	28	21	0.03	2.05	23
CO24258+	CO24259	4.40	62 1-	4ACSR	0	0	1380	324	400	28	20	0.04	2.09	27
XFMR62	CO24258	4.40	62 1-	333 KVA 1PH AUT	0	0	941	173	400	28	122	1.41	3.49	0
CO24263	XFMR62	4.58	62 1-	4ACSR	0	0	903	171	400	56	40	0.48	3.97	310
CO24265	CO24263	4.67	62 1-	4ACSR	0	0	883	170	399	56	40	0.25	4.22	165
CO24264	CO24265	4.71	62 1-	4ACSR	0	0	876	170	398	56	40	0.09	4.32	61
CO24061	CO24264	4.76	0 1-	4ACSR	0	0	866	169	0	0	0	0.00	4.32	0
CO24824	CO24264	4.72	62 1-	4ACSR	0	0	874	170	398	56	40	0.02	4.34	11
OC722	CO24824	4.72	62 1-	50 H OCR	0	0	874	170	398	56	113	0.00	4.34	0
CO24825	OC722	4.78	62 1-	4ACSR	0	0	862	169	398	56	40	0.16	4.49	102
CO23914	CO24825	5.17	60 1-	4ACSR	0	0	786	165	391	55	40	1.03	5.52	660
CO24472	CO23914	5.27	1 1-	4ACSR	0	0	769	164	13	1	1	0.01	5.53	0
CO24473	CO24472	5.34	1 1-	4ACSR	0	0	755	163	13	1	1	0.00	5.53	0
CO24542	CO23914	5.24	59 1-	4ACSR	0	0	774	164	375	53	38	0.16	5.68	100
CO24543	CO24542	5.27	57 1-	4ACSR	0	0	769	164	368	52	38	0.07	5.75	44
CO-848809188	CO24543	5.34	57 1-	2ACSR	0	0	758	163	368	52	29	0.13	5.88	73
CO1506591920	CO-848809188	5.38	56 1-	2ACSR	0	0	752	163	365	52	29	0.07	5.95	39
CO24260	CO1506591920	5.42	56 1-	4ACSR	0	0	745	163	365	52	38	0.10	6.05	61
CO24068	CO24260	5.48	2 1-	2ACSR	0	0	737	162	10	1	1	0.00	6.05	0
CO24544	CO24260	5.51	54 1-	4ACSR	0	0	729	162	354	51	37	0.22	6.27	128
CO24545	CO24544	5.65	54 1-	4ACSR	0	0	708	161	354	51	37	0.31	6.58	184
CO24470	CO24545	5.67	4 1-	4ACSR	0	0	703	160	48	6	5	0.01	6.59	0
CO24471	CO24470	5.73	1 1-	4ACSR	0	0	695	160	16	2	2	0.01	6.59	0
CO24067	CO24471	5.79	1 1-	2ACSR	0	0	688	159	16	2	1	0.00	6.59	0
CO24546	CO24470	5.72	2 1-	4ACSR	0	0	696	160	26	3	3	0.01	6.59	0
CO24547	CO24546	5.79	1 1-	4ACSR	0	0	685	159	16	2	2	0.00	6.60	0
CO-814490276	CO24545	5.71	50 1-	2ACSR	0	0	700	160	305	44	25	0.09	6.67	43
CO1419670082	CO-814490276	5.92	4 1-	2ACSR	0	0	673	159	31	4	3	0.03	6.70	0
CO24062	CO1419670082	5.96	1 1-	4ACSR	0	0	667	158	4	0	0	0.00	6.70	0
CO23916	CO1419670082	6.00	3 1-	4ACSR	0	0	661	158	27	3	3	0.02	6.71	0
CO24262	CO23916	6.06	2 1-	4ACSR	0	0	654	157	17	2	2	0.01	6.72	0
CO-1224744964	CO24262	6.11	1 1-	2ACSR	0	0	648	157	13	1	1	0.00	6.72	0
CO951817306	CO-1224744964	6.14	1 1-	2ACSR	0	0	644	157	13	1	1	0.00	6.72	0
CO-1197596423	CO-1224744964	6.14	0 1-	2ACSR	0	0	644	157	0	0	0	0.00	6.72	0
CO24842	CO-1197596423	6.15	0 1-	4ACSR	0	0	643	157	0	0	0	0.00	6.72	0
SW745-A	CO24842	6.15	0 1-	Open	0	0	643	157	0	0	0	0.00	6.72	0
CO24071	CO24262	6.11	1 1-	2ACSR	0	0	648	157	5	0	0	0.00	6.72	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24275	CO23916	6.07	1 1-	4ACSR	0	0	651	157	10	1	1	0.00	6.72	0
CO24273	CO24275	6.14	1 1-	4ACSR	0	0	643	157	10	1	1	0.00	6.72	0
CO24274	CO24273	6.23	1 1-	4ACSR	0	0	630	156	10	1	1	0.00	6.72	0
CO24548	CO-814490276	5.77	46 1-	4ACSR	0	0	691	160	274	39	28	0.11	6.77	48
CO24866	CO24548	5.90	46 1-	4ACSR	0	0	671	158	273	39	28	0.24	7.01	111
CO24018	CO24866	6.12	46 1-	4ACSR	0	0	639	156	273	39	28	0.42	7.43	191
CO24213	CO24018	6.34	46 1-	4ACSR	0	0	611	154	272	39	28	0.40	7.83	182
CO24210	CO24213	6.51	46 1-	4ACSR	0	0	590	153	271	39	28	0.30	8.13	139
CO24211	CO24210	6.56	46 1-	4ACSR	0	0	583	152	271	39	28	0.10	8.23	44
CO23880	CO24211	6.85	5 1-	4ACSR	0	0	552	150	14	2	2	0.03	8.26	0
CO24233	CO23880	7.12	3 1-	4ACSR	0	0	523	147	7	1	1	0.01	8.27	0
CO24232	CO24233	7.21	2 1-	4ACSR	0	0	515	147	5	0	1	0.00	8.27	0
CO24019	CO23880	7.00	2 1-	4ACSR	0	0	536	148	7	1	1	0.00	8.26	0
CO23879	CO24211	7.00	39 1-	4ACSR	0	0	536	148	215	31	23	0.59	8.83	207
CO24230	CO23879	7.14	0 1-	4ACSR	0	0	522	147	0	0	0	0.00	8.83	0
CO24231	CO24230	7.24	0 1-	4ACSR	0	0	513	146	0	0	0	0.00	8.83	0
CO-950287320	CO23879	7.10	36 1-	2ACSR	0	0	528	148	185	27	15	0.09	8.91	26
CO-1104928244	CO-950287320	7.17	34 1-	2ACSR	0	0	522	147	183	26	15	0.06	8.98	18
CO24219	CO-1104928244	7.29	29 1-	4ACSR	0	0	510	146	155	22	16	0.13	9.11	34
CO24217	CO24219	7.50	29 1-	4ACSR	0	0	492	145	155	22	16	0.22	9.33	58
CO24551	CO24217	7.77	29 1-	4ACSR	0	0	469	143	154	22	16	0.29	9.62	76
CO24552	CO24551	7.88	29 1-	4ACSR	0	0	460	142	154	22	16	0.11	9.72	27
CO24218	CO24552	8.20	28 1-	4ACSR	0	0	437	139	136	20	14	0.30	10.02	70
CO24971	CO24218	8.49	3 1-	4ACSR	0	0	417	137	14	2	1	0.03	10.05	0
CO24870	CO24971	8.54	1 1-	2ACSR	0	0	415	137	0	0	0	0.00	10.05	0
CO23996	CO24971	8.63	1 1-	4ACSR	0	0	408	136	8	1	1	0.00	10.05	0
CO23995	CO24971	8.60	1 1-	4ACSR	0	0	410	136	5	0	1	0.00	10.05	0
CO24871	CO24218	8.32	25 1-	4ACSR	0	0	428	138	122	18	13	0.10	10.12	21
CO24553	CO24871	8.47	25 1-	4ACSR	0	0	418	137	122	18	13	0.12	10.24	24
CO24554	CO24553	8.50	24 1-	4ACSR	0	0	416	137	109	16	12	0.02	10.27	4
CO24181	CO24554	8.64	24 1-	4ACSR	0	0	408	136	109	16	12	0.10	10.37	19
CO24182	CO24181	8.69	24 1-	4ACSR	0	0	404	136	109	16	12	0.04	10.41	8
CO24178	CO24182	8.76	1 1-	4ACSR	0	0	401	135	1	0	0	0.00	10.41	0
CO24180	CO24178	8.87	1 1-	4ACSR	0	0	394	134	1	0	0	0.00	10.41	0
CO24179	CO24180	8.98	1 1-	4ACSR	0	0	388	134	1	0	0	0.00	10.41	0
CO24891	CO24179	9.16	1 1-	4ACSR	0	0	378	132	1	0	0	0.00	10.41	0
CO24173	CO24182	9.04	23 1-	4ACSR	0	0	384	133	108	16	12	0.25	10.66	47
CO24555	CO24173	9.07	23 1-	4ACSR	0	0	383	133	108	16	12	0.02	10.69	4
CO24556	CO24555	9.15	23 1-	4ACSR	0	0	378	133	108	16	12	0.06	10.75	11
CO24174	CO24556	9.29	23 1-	4ACSR	0	0	371	132	108	16	12	0.10	10.85	19
CO24177	CO24174	9.35	23 1-	4ACSR	0	0	368	131	108	16	12	0.04	10.90	8
CO24557	CO24177	9.39	23 1-	4ACSR	0	0	365	131	108	16	12	0.03	10.93	7
CO24558	CO24557	9.42	22 1-	4ACSR	0	0	364	131	107	16	12	0.02	10.95	3
CO24559	CO24558	9.45	21 1-	4ACSR	0	0	363	131	93	13	10	0.02	10.97	3
CO24176	CO24559	9.49	18 1-	4ACSR	0	0	361	130	85	12	9	0.02	10.99	3
CO24175	CO24176	9.61	18 1-	4ACSR	0	0	355	129	85	12	9	0.07	11.06	10
CO24560	CO24175	9.64	18 1-	4ACSR	0	0	353	129	85	12	9	0.01	11.08	0
CO24561	CO24560	9.68	16 1-	4ACSR	0	0	352	129	72	10	8	0.02	11.10	2
CO24443	CO24561	9.69	2 1-	4ACSR	0	0	351	129	16	2	2	0.00	11.10	0
CO24444	CO24443	9.73	2 1-	4ACSR	0	0	349	129	16	2	2	0.00	11.10	0
CO24562	CO24561	9.86	13 1-	4ACSR	0	0	343	128	55	8	6	0.07	11.17	7
CO24563	CO24562	9.89	12 1-	4ACSR	0	0	342	128	55	8	6	0.01	11.18	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23998	CO24563	9.96	1 1-	4ACSR	0	0	339	127	6	0	1	0.00	11.18	0
CO23867	CO24563	9.94	11 1-	4ACSR	0	0	340	127	49	7	5	0.02	11.20	0
CO24565	CO23867	9.98	10 1-	4ACSR	0	0	338	127	47	7	5	0.01	11.21	0
CO-910681593	CO24565	10.00	9 1-	2ACSR	0	0	337	127	32	4	3	0.00	11.21	0
CO80649000	CO-910681593	10.05	3 1-	2ACSR	0	0	335	127	11	1	1	0.00	11.21	0
CO-411679842	CO-910681593	10.04	6 1-	2ACSR	0	0	336	127	20	3	2	0.00	11.21	0
CO268968995	CO-411679842	10.08	3 1-	4ACSR	0	0	334	127	13	2	1	0.00	11.22	0
CO-377622422	CO268968995	10.14	2 1-	2ACSR	0	0	332	126	13	2	1	0.00	11.22	0
CO-1435587402	CO-411679842	10.10	3 1-	4ACSR	0	0	333	126	7	1	1	0.00	11.22	0
CO24564	CO-1435587402	10.18	3 1-	4ACSR	0	0	330	126	7	1	1	0.00	11.22	0
CO24183	CO24564	10.24	3 1-	4ACSR	0	0	328	126	7	1	1	0.00	11.22	0
CO24445	CO24183	10.29	1 1-	4ACSR	0	0	325	125	0	0	0	0.00	11.22	0
CO24446	CO24445	10.37	1 1-	4ACSR	0	0	322	125	0	0	0	0.00	11.22	0
CO24767	CO24183	10.30	0 1-	4ACSR	0	0	325	125	0	0	0	0.00	11.22	0
CO24807	CO24767	10.36	0 1-	4ACSR	0	0	323	125	0	0	0	0.00	11.22	0
CO24808	CO24807	10.36	0 1-	4ACSR	0	0	322	125	0	0	0	0.00	11.22	0
SW744-A	CO24808	10.36	0 1-	Open	0	0	322	125	0	0	0	0.00	11.22	0
CO23868	CO24183	10.41	2 1-	4ACSR	0	0	321	125	7	1	1	0.01	11.23	0
CO24185	CO23868	10.50	1 1-	4ACSR	0	0	317	124	6	0	1	0.00	11.23	0
CO24184	CO24185	10.79	0 1-	4ACSR	0	0	306	122	0	0	0	0.00	11.23	0
CO23997	CO23868	10.46	1 1-	4ACSR	0	0	319	124	1	0	0	0.00	11.23	0
CO23999	CO24871	8.36	0 1-	2ACSR	0	0	426	138	0	0	0	0.00	10.12	0
CO24022	CO24218	8.30	0 1-	4ACSR	0	0	430	139	0	0	0	0.00	10.02	0
CO24214	CO-1104928244	7.22	5 1-	4ACSR	0	0	517	147	28	4	3	0.01	8.99	0
CO24216	CO24214	7.24	5 1-	4ACSR	0	0	516	147	28	4	3	0.00	8.99	0
CO24215	CO24216	7.47	5 1-	4ACSR	0	0	495	145	28	4	3	0.04	9.03	0
CO24021	CO24215	7.56	3 1-	4ACSR	0	0	486	144	18	2	2	0.01	9.04	0
CO24020	CO24215	7.56	2 1-	4ACSR	0	0	486	144	10	1	1	0.00	9.04	0
CO-326617151	CO-950287320	7.12	2 1-	2ACSR	0	0	526	148	2	0	0	0.00	8.91	0
CO24549	CO24211	6.62	1 1-	4ACSR	0	0	577	152	13	1	1	0.00	8.24	0
CO24550	CO24549	6.69	1 1-	4ACSR	0	0	569	151	13	1	1	0.00	8.24	0
CO1111342200	CO-848809188	5.54	1 1-	2ACSR	0	0	730	162	2	0	0	0.00	5.88	0
CO24540	CO24825	4.94	2 1-	4ACSR	0	0	830	167	6	0	1	0.01	4.50	0
CO24541	CO24540	5.06	1 1-	4ACSR	0	0	807	166	6	0	1	0.00	4.50	0
CO24070+	CO24259	4.46	1 1-	2ACSR	0	0	1369	323	8	0	0	0.00	2.05	0
CO23935+	CO24538	4.13	415 3-	1/0ACSR	1777	1673	1467	330	2337	52	23	0.05	1.89	183
CO24086+	CO23935	4.19	0 1-	4ACSR	0	0	1450	329	0	0	0	0.00	1.89	0
CO24624+	CO23935	4.24	415 3-	1/0ACSR	1754	1649	1444	329	2337	52	23	0.05	1.93	165
CO24859+	CO24624	4.44	415 3-	1/0ACSR	1710	1604	1400	327	2336	52	23	0.09	2.02	323
CO24060+	CO24859	4.51	1 1-	4ACSR	0	0	1378	325	9	0	0	0.00	2.02	0
CO23913+	CO24859	4.64	414 3-	1/0ACSR	1666	1559	1357	325	2326	52	23	0.09	2.11	328
CO24059+	CO23913	4.74	0 1-	4ACSR	0	0	1332	323	0	0	0	0.00	2.11	0
CO23912+	CO23913	4.83	414 3-	1/0ACSR	1628	1520	1320	323	2324	52	23	0.08	2.20	303
CO24257+	CO23912	4.95	413 3-	1/0ACSR	1605	1497	1298	322	2319	52	23	0.05	2.25	184
CO24256+	CO24257	5.14	413 3-	1/0ACSR	1569	1461	1264	320	2318	52	23	0.08	2.33	302
CO23910+	CO24256	5.27	408 3-	1/0ACSR	1544	1435	1240	319	2289	52	23	0.06	2.39	213
CO24054+	CO23910	5.33	1 1-	4ACSR	0	0	1227	318	5	0	0	0.00	2.39	0
CO24701+	CO23910	5.43	407 3-	1/0ACSR	1516	1407	1213	317	2283	51	23	0.07	2.46	248
CO24700+	CO24701	5.58	407 3-	1/0ACSR	1490	1383	1189	316	2282	51	23	0.07	2.53	232
CO30684+	CO24700	6.13	0 3-	1/0ACSR	1402	1303	1109	311	0	0	0	0.00	2.53	0
CO24699+	CO24700	5.59	407 3-	1/0ACSR	1489	1382	1188	316	2281	51	23	0.00	2.53	10
CA72+	CO24699	5.59	0 3-	Capacitor	1489	1382	1188	316	0	-7	0	0.00	2.53	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24698+	CO24699	5.77	407 3-	1/0ACSR	1458	1354	1160	314	2281	53	23	0.09	2.62	300
CO23911+	CO24698	5.87	1 1-	4ACSR	0	0	1141	312	0	0	0	0.00	2.62	0
CO24896+	CO23911	5.87	0 1-	4ACSR	0	0	1139	312	0	0	0	0.00	2.62	0
CO24057+	CO23911	5.95	1 1-	4ACSR	0	0	1123	311	0	0	0	0.00	2.62	0
CO24056+	CO23911	5.95	0 1-	4ACSR	0	0	1123	311	0	0	0	0.00	2.62	0
CO23905+	CO24698	6.10	405 3-	4/0ACSR	1416	1315	1121	312	2279	53	16	0.10	2.72	272
CO24838+	CO23905	6.11	223 1-	1/0ACSR	0	0	1120	312	1274	90	39	0.01	2.72	13
OC727+	CO24838	6.11	223 1-	70 E OCR	0	0	1120	312	1274	90	129	0.00	2.72	0
CO24843+	OC727	6.16	223 1-	1/0ACSR	0	0	1112	311	1274	90	39	0.06	2.78	101
CO489817934+	CO24843	6.22	1 1-	2ACSR	0	0	1103	311	8	0	0	0.00	2.78	0
CO24844+	CO24843	6.68	221 1-	1/0ACSR	0	0	1039	306	1261	89	39	0.58	3.36	996
CO24697+	CO24844	6.76	220 1-	1/0ACSR	0	0	1029	306	1245	88	39	0.09	3.45	152
CO23925+	CO24697	6.95	1 1-	4/0ACSR	0	0	1011	305	6	0	0	0.00	3.45	0
CO23924+	CO24697	6.95	1 1-	4/0ACSR	0	0	1011	305	4	0	0	0.00	3.45	0
CO24695+	CO24697	6.90	218 1-	1/0ACSR	0	0	1011	304	1234	87	38	0.15	3.60	262
CO24696+	CO24695	7.35	217 1-	1/0ACSR	0	0	957	300	1227	87	38	0.49	4.10	836
CO24053+	CO24696	7.47	1 1-	4ACSR	0	0	939	298	0	0	0	0.00	4.10	0
CO24052+	CO24696	7.48	1 1-	4ACSR	0	0	938	298	15	1	1	0.00	4.10	0
CO23907+	CO24696	7.58	215 1-	1/0ACSR	0	0	931	298	1208	86	38	0.26	4.35	433
CO23908+	CO23907	7.66	213 1-	1/0ACSR	0	0	923	297	1198	85	37	0.08	4.44	138
CO24269+	CO23908	7.87	1 1-	4ACSR	0	0	894	294	8	0	0	0.00	4.44	0
CO24270+	CO24269	7.96	0 1-	4ACSR	0	0	883	292	0	0	0	0.00	4.44	0
CO23909+	CO23908	7.76	212 1-	1/0ACSR	0	0	913	296	1189	85	37	0.10	4.54	168
CO24051+	CO23909	7.85	1 1-	4ACSR	0	0	900	295	9	0	0	0.00	4.54	0
CO24692+	CO23909	8.08	211 1-	1/0ACSR	0	0	880	293	1180	84	37	0.35	4.88	568
CO24867+	CO24692	8.11	210 1-	1/0ACSR	0	0	877	293	1173	84	37	0.03	4.92	51
SW745-B+	CO24867	8.11	0 1-	Open	0	0	877	293	0	0	0	0.00	4.92	0
CO30702+	CO24867	8.62	1 1-	4ACSR	0	0	816	285	4	0	0	0.00	4.92	0
CO24665+	CO24867	8.12	209 1-	1/0ACSR	0	0	877	293	1169	84	37	0.00	4.92	8
RG14+	CO24665	8.12	209 1-	100	0	0	877	293	1169	84	84	-4.92	0.00	0
CO24666+	RG14	8.27	209 1-	1/0ACSR	0	0	863	292	1169	80	35	0.15	0.15	237
CO23883+	CO24666	8.38	205 1-	1/0ACSR	0	0	852	291	1134	78	34	0.11	0.26	169
CO24236+	CO23883	8.54	4 1-	4ACSR	0	0	833	288	27	1	1	0.01	0.27	0
CO24234+	CO24236	8.67	2 1-	4ACSR	0	0	819	286	17	1	1	0.00	0.27	0
CO24235+	CO24234	8.74	2 1-	4ACSR	0	0	811	285	17	1	1	0.00	0.27	0
CO24012+	CO24236	8.58	2 1-	4ACSR	0	0	829	287	10	0	0	0.00	0.27	0
CO23875+	CO23883	8.63	201 1-	1/0ACSR	0	0	831	288	1106	76	33	0.24	0.50	351
CO24449+	CO23875	8.67	1 1-	4ACSR	0	0	825	288	10	0	0	0.00	0.50	0
CO24450+	CO24449	8.71	1 1-	4ACSR	0	0	821	287	10	0	0	0.00	0.50	0
CO24671+	CO23875	8.68	199 1-	1/0ACSR	0	0	826	288	1094	75	33	0.06	0.55	81
CO24672+	CO24671	8.70	196 1-	1/0ACSR	0	0	824	288	1083	75	33	0.02	0.57	26
CO24205+	CO24672	8.78	196 1-	1/0ACSR	0	0	818	287	1083	75	33	0.07	0.64	100
CO24673+	CO24205	8.80	196 1-	1/0ACSR	0	0	816	287	1082	75	33	0.02	0.66	28
CO24674+	CO24673	8.89	195 1-	1/0ACSR	0	0	808	286	1078	74	33	0.09	0.75	133
CO24669+	CO24674	8.98	3 1-	4ACSR	0	0	799	285	24	1	1	0.00	0.75	0
CO24670+	CO24669	9.05	2 1-	4ACSR	0	0	791	284	11	0	1	0.00	0.75	0
CO23876+	CO24674	9.14	192 1-	1/0ACSR	0	0	789	284	1053	73	32	0.22	0.97	317
CO24013+	CO23876	9.24	1 1-	4ACSR	0	0	778	282	0	0	0	0.00	0.97	0
CO23877+	CO23876	9.28	190 1-	1/0ACSR	0	0	778	283	1042	72	32	0.13	1.10	178
CO24014+	CO23877	9.35	3 1-	4ACSR	0	0	770	282	13	0	1	0.00	1.10	0
CO23878+	CO23877	9.38	187 1-	1/0ACSR	0	0	770	282	1028	71	31	0.09	1.19	131
CO24207+	CO23878	9.51	183 1-	1/0ACSR	0	0	761	281	1013	70	31	0.11	1.30	154

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24458+	CO24207	9.64	2 1-	1/0PRIURD	0	0	753	495	21	1	1	0.00	1.31	0
CO24457+	CO24458	9.73	1 1-	1/0PRIURD	0	0	748	492	14	0	1	0.00	1.31	0
CO1383177954+	CO24457	9.77	0 1-	1/0PRIURD	0	0	745	491	0	0	0	0.00	1.31	0
CO24973+	CO24457	9.73	0 1-	1/0PRIURD	0	0	747	492	0	0	0	0.00	1.31	0
CO24206+	CO24207	9.52	181 1-	1/0ACSR	0	0	760	281	991	69	30	0.01	1.31	12
CO24974+	CO24206	9.71	1 1-	1/0PRIURD	0	0	748	493	5	0	0	0.00	1.31	0
CO24675+	CO24206	9.56	180 1-	1/0ACSR	0	0	757	280	986	68	30	0.04	1.35	47
CO24676+	CO24675	9.61	178 1-	1/0ACSR	0	0	753	280	971	67	30	0.04	1.39	58
CO24836+	CO24676	9.62	176 1-	1/0ACSR	0	0	753	280	954	66	29	0.01	1.40	7
OC737+	CO24836	9.62	176 1-	50 E OCR	0	0	753	280	954	66	134	0.00	1.40	0
CO24837+	OC737	9.67	176 1-	1/0ACSR	0	0	749	279	954	66	29	0.05	1.44	61
CO24208+	CO24837	9.78	175 1-	1/0ACSR	0	0	742	278	952	66	29	0.09	1.53	114
CO24451+	CO24208	9.86	3 1-	4ACSR	0	0	735	277	25	1	1	0.00	1.54	0
CO24452+	CO24451	9.95	3 1-	4ACSR	0	0	726	276	25	1	1	0.00	1.54	0
CO24677+	CO24208	9.80	171 1-	1/0ACSR	0	0	740	278	921	64	28	0.02	1.55	23
CO24678+	CO24677	9.87	170 1-	1/0ACSR	0	0	735	278	911	63	28	0.06	1.61	72
CO24679+	CO24678	10.11	170 1-	1/0ACSR	0	0	719	276	910	63	28	0.19	1.80	237
CO24958+	CO24679	10.36	168 1-	1/0ACSR	0	0	703	274	904	63	28	0.20	2.00	245
CO24682+	CO24958	10.59	168 1-	1/0ACSR	0	0	690	272	903	63	28	0.18	2.18	218
CO23990+	CO24682	10.68	2 1-	4ACSR	0	0	682	271	8	0	0	0.00	2.18	0
CO23865+	CO24682	10.66	166 1-	1/0ACSR	0	0	685	271	894	62	27	0.06	2.24	73
CO24687+	CO23865	10.71	162 1-	1/0ACSR	0	0	683	271	870	61	27	0.04	2.27	42
CO24688+	CO24687	10.78	161 1-	1/0ACSR	0	0	679	270	860	60	26	0.05	2.33	62
CO24689+	CO24688	10.89	160 1-	1/0ACSR	0	0	672	269	851	60	26	0.08	2.41	95
CO24169+	CO24689	11.04	158 1-	1/0ACSR	0	0	664	268	825	58	25	0.11	2.52	121
CO24168+	CO24169	11.16	157 1-	1/0ACSR	0	0	657	267	823	58	25	0.09	2.60	99
CO24189+	CO24168	11.23	3 1-	4ACSR	0	0	652	266	10	0	0	0.00	2.61	0
CO24690+	CO24189	11.44	3 1-	4ACSR	0	0	637	263	10	0	0	0.00	2.61	0
CO24691+	CO24690	11.65	2 1-	4ACSR	0	0	622	261	10	0	0	0.00	2.61	0
CO24188+	CO24691	11.68	2 1-	4ACSR	0	0	621	260	10	0	0	0.00	2.61	0
CO24186+	CO24168	11.25	153 1-	1/0ACSR	0	0	652	267	801	56	25	0.07	2.67	74
CO24187+	CO24186	11.32	153 1-	1/0ACSR	0	0	648	266	801	56	25	0.05	2.72	53
CO23991+	CO24187	11.55	1 1-	4ACSR	0	0	632	263	8	0	0	0.00	2.72	0
CO24170+	CO24187	11.48	151 1-	1/0ACSR	0	0	640	265	785	55	24	0.11	2.83	120
CO-1163898699+	CO24170	11.63	151 1-	2ACSR	0	0	632	263	784	55	31	0.14	2.97	163
CO701441172+	CO-1163898699	11.71	150 1-	2ACSR	0	0	627	263	770	54	30	0.07	3.04	82
CO503768163+	CO701441172	11.80	149 1-	2ACSR	0	0	623	262	770	54	30	0.08	3.12	93
CO1250636207+	CO503768163	11.89	1 1-	2ACSR	0	0	618	261	0	0	0	0.00	3.12	0
CO210142144+	CO503768163	11.92	148 1-	2ACSR	0	0	616	261	769	54	30	0.11	3.23	126
SW744-B+	CO210142144	11.92	0 1-	Open	0	0	616	261	0	0	0	0.00	3.23	0
CO24440+	CO210142144	12.04	3 1-	4ACSR	0	0	608	259	25	1	1	0.00	3.23	0
CO24567+	CO24440	12.08	2 1-	4ACSR	0	0	605	258	16	1	1	0.00	3.23	0
CO24568+	CO24567	12.11	1 1-	4ACSR	0	0	604	258	5	0	0	0.00	3.23	0
CO24569+	CO24568	12.17	1 1-	4ACSR	0	0	600	257	5	0	0	0.00	3.23	0
CO24439+	CO24569	12.23	1 1-	4ACSR	0	0	596	256	5	0	0	0.00	3.23	0
CO24570+	CO210142144	12.11	145 1-	4ACSR	0	0	604	258	743	52	38	0.24	3.47	290
CO24571+	CO24570	12.24	144 1-	4ACSR	0	0	596	256	740	52	38	0.15	3.62	186
CO24172+	CO24571	12.41	143 1-	4ACSR	0	0	585	254	728	51	37	0.21	3.83	243
CO24441+	CO24172	12.49	9 1-	4ACSR	0	0	581	253	49	3	2	0.01	3.83	0
CO24447+	CO24441	12.54	2 1-	4ACSR	0	0	578	253	8	0	0	0.00	3.83	0
CO24448+	CO24447	12.56	2 1-	4ACSR	0	0	576	252	8	0	0	0.00	3.83	0
CO24442+	CO24441	12.50	3 1-	4ACSR	0	0	580	253	8	0	0	0.00	3.83	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24572+	CO24441	12.56	3 1-	4ACSR	0	0	576	252	24	1	1	0.00	3.83	0
CO24573+	CO24572	12.64	2 1-	4ACSR	0	0	572	251	15	1	1	0.00	3.83	0
CO24197+	CO24172	12.54	1 1-	4ACSR	0	0	578	252	1	0	0	0.00	3.83	0
CO24194+	CO24197	12.60	1 1-	4ACSR	0	0	574	252	1	0	0	0.00	3.83	0
CO24196+	CO24194	12.66	1 1-	4ACSR	0	0	571	251	1	0	0	0.00	3.83	0
CO24195+	CO24196	12.70	1 1-	4ACSR	0	0	569	251	1	0	0	0.00	3.83	0
CO24574+	CO24172	12.49	132 1-	4ACSR	0	0	581	253	668	47	34	0.08	3.91	91
CO24575+	CO24574	12.55	130 1-	4ACSR	0	0	577	252	647	46	33	0.07	3.98	74
CO24977+	CO24575	12.65	125 1-	4ACSR	0	0	572	251	621	44	32	0.10	4.08	98
CO24576+	CO24977	12.67	124 1-	4ACSR	0	0	570	251	612	43	31	0.03	4.10	27
CO23986+	CO24576	12.79	1 1-	4ACSR	0	0	564	249	4	0	0	0.00	4.10	0
CO24001+	CO24576	12.76	1 1-	2ACSR	0	0	566	250	9	0	0	0.00	4.10	0
CO23864+	CO24576	12.91	122 1-	4ACSR	0	0	557	248	599	42	31	0.24	4.34	237
CO24976+	CO23864	13.01	3 1-	4ACSR	0	0	551	247	11	0	1	0.00	4.35	0
CO24000+	CO23864	12.96	1 1-	2ACSR	0	0	554	247	5	0	0	0.00	4.34	0
CO23862+	CO23864	13.09	118 1-	4ACSR	0	0	547	246	582	41	30	0.17	4.52	164
CO24849+	CO23862	13.15	5 1-	4ACSR	0	0	544	245	38	2	2	0.00	4.52	0
CO24420+	CO24849	13.19	5 1-	4ACSR	0	0	542	245	38	2	2	0.00	4.52	0
CO24421+	CO24420	13.26	4 1-	4ACSR	0	0	538	244	26	1	1	0.00	4.53	0
CO23966+	CO24421	13.27	1 1-	4ACSR	0	0	538	244	5	0	0	0.00	4.53	0
CO24577+	CO24421	13.31	3 1-	4ACSR	0	0	536	243	20	1	1	0.00	4.53	0
CO24578+	CO24577	13.33	1 1-	4ACSR	0	0	534	243	0	0	0	0.00	4.53	0
CO23965+	CO24420	13.20	1 1-	4ACSR	0	0	541	244	13	0	1	0.00	4.52	0
CO24579+	CO23862	13.14	113 1-	4ACSR	0	0	544	245	543	39	28	0.05	4.57	45
CO24580+	CO24579	13.32	112 1-	4ACSR	0	0	535	243	543	39	28	0.16	4.72	141
CO24581+	CO24580	13.38	97 1-	4ACSR	0	0	532	242	445	32	23	0.05	4.77	36
CO24582+	CO24581	13.71	96 1-	4ACSR	0	0	515	239	444	32	23	0.25	5.02	184
CO24159+	CO24582	13.83	96 1-	4ACSR	0	0	510	237	444	32	23	0.09	5.11	63
CO23985+	CO24159	13.85	0 1-	4ACSR	0	0	509	237	0	0	0	0.00	5.11	0
CO24160+	CO24159	14.15	96 1-	4ACSR	0	0	495	234	443	32	23	0.24	5.35	178
CO24162+	CO24160	14.41	96 1-	4ACSR	0	0	484	231	443	32	23	0.20	5.55	147
CO24161+	CO24162	14.58	96 1-	4ACSR	0	0	476	229	442	32	23	0.13	5.68	94
XFMR14	CO24161	14.58	92 1-	333 KVA 1PH AUT	0	0	596	157	438	31	138	1.59	7.27	0
CO24884	XFMR14	14.94	92 1-	4ACSR	0	0	558	154	438	63	46	1.06	8.33	783
CO24882	CO24884	14.95	92 1-	4ACSR	0	0	557	154	434	63	46	0.02	8.35	14
OC728	CO24882	14.95	92 1-	25 E OCR	0	0	557	154	434	63	255	0.00	8.35	0
CO24883	OC728	15.00	92 1-	4ACSR	0	0	552	153	434	63	46	0.15	8.50	109
CO24163	CO24883	15.17	92 1-	4ACSR	0	0	535	152	433	63	46	0.50	9.00	370
CO24852	CO24163	15.29	89 1-	4ACSR	0	0	524	150	407	60	43	0.34	9.34	237
CO23977	CO24852	15.33	1 1-	4ACSR	0	0	520	150	14	2	1	0.00	9.34	0
CO23860	CO24852	15.41	88 1-	4ACSR	0	0	513	149	392	58	41	0.31	9.65	206
CO24587	CO23860	15.46	4 1-	4ACSR	0	0	508	149	37	5	4	0.01	9.66	0
CO24588	CO24587	15.51	2 1-	4ACSR	0	0	505	149	24	3	3	0.01	9.67	0
CO24851	CO24588	15.60	1 1-	4ACSR	0	0	497	148	13	1	1	0.00	9.67	0
CO23859	CO23860	15.46	82 1-	4ACSR	0	0	509	149	342	50	36	0.11	9.76	62
CO23976	CO23859	15.53	2 1-	4ACSR	0	0	502	148	7	1	1	0.00	9.76	0
CO23975	CO23859	15.63	0 1-	4ACSR	0	0	494	148	0	0	0	0.00	9.76	0
CO24156	CO23859	15.61	76 1-	4ACSR	0	0	496	148	321	47	34	0.33	10.09	177
CO23980	CO24156	15.68	1 1-	4ACSR	0	0	490	147	1	0	0	0.00	10.09	0
CO24589	CO24156	15.66	74 1-	4ACSR	0	0	491	147	309	46	33	0.11	10.20	60
CO24590	CO24589	15.68	72 1-	4ACSR	0	0	490	147	298	44	32	0.05	10.25	24
CO24428	CO24590	15.75	2 1-	4ACSR	0	0	484	147	12	1	1	0.01	10.25	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24429	CO24428	15.81	1 1-	4ACSR	0	0	480	146	0	0	0	0.00	10.25	0
CO23979	CO24428	15.86	1 1-	2ACSR	0	0	477	146	12	1	1	0.00	10.26	0
CO23858	CO24590	15.94	70 1-	4ACSR	0	0	469	145	286	42	30	0.50	10.75	248
CO23978	CO23858	15.96	2 1-	4ACSR	0	0	468	145	11	1	1	0.00	10.75	0
CO23861	CO23858	16.07	68 1-	4ACSR	0	0	459	144	273	41	29	0.25	11.00	117
CO24426	CO23861	16.22	1 1-	4ACSR	0	0	449	143	0	0	0	0.00	11.00	0
CO24427	CO24426	16.25	1 1-	4ACSR	0	0	446	143	0	0	0	0.00	11.00	0
CO24591	CO23861	16.20	67 1-	4ACSR	0	0	450	143	273	41	29	0.24	11.24	113
CO24592	CO24591	16.25	66 1-	4ACSR	0	0	447	143	271	40	29	0.10	11.33	44
CO24593	CO24592	16.36	65 1-	4ACSR	0	0	439	142	261	39	28	0.20	11.53	91
CO24594	CO24593	16.41	65 1-	4ACSR	0	0	435	141	261	39	28	0.10	11.63	46
CO24595	CO24594	16.43	64 1-	4ACSR	0	0	434	141	253	38	27	0.03	11.67	14
CO24845	CO24595	16.72	59 1-	4ACSR	0	0	415	139	229	34	25	0.45	12.12	181
CO24409	CO24845	16.77	59 1-	4ACSR	0	0	412	139	228	34	25	0.09	12.21	35
CO24128	CO24409	16.84	2 1-	4ACSR	0	0	408	138	4	0	0	0.00	12.21	0
CO24596	CO24409	16.83	55 1-	4ACSR	0	0	409	138	216	32	23	0.08	12.29	30
CO24597	CO24596	16.87	54 1-	4ACSR	0	0	406	138	209	31	23	0.06	12.35	22
CO24598	CO24597	16.97	54 1-	4ACSR	0	0	400	137	209	31	23	0.15	12.50	56
CO24408	CO24598	17.08	53 1-	4ACSR	0	0	394	136	194	29	21	0.14	12.64	48
CO23964	CO24408	17.18	45 1-	4ACSR	0	0	388	136	175	26	19	0.13	12.77	39
CO23962	CO23964	17.39	41 1-	4ACSR	0	0	377	134	162	24	18	0.23	13.01	67
CO24131	CO23962	17.52	2 1-	4ACSR	0	0	370	133	9	1	1	0.00	13.01	0
CO23961	CO23962	17.44	38 1-	4ACSR	0	0	375	134	153	23	17	0.05	13.06	15
CO24403	CO23961	17.61	3 1-	4ACSR	0	0	366	133	15	2	2	0.01	13.07	0
CO24400	CO24403	17.74	2 1-	4ACSR	0	0	359	132	6	0	1	0.01	13.08	0
CO24402	CO24400	17.83	2 1-	4ACSR	0	0	355	131	6	0	1	0.00	13.08	0
CO24401	CO24402	17.95	2 1-	4ACSR	0	0	350	130	6	0	1	0.00	13.09	0
CO24394	CO24401	18.14	1 1-	4ACSR	0	0	341	129	0	0	0	0.00	13.09	0
CO24399	CO24394	18.17	1 1-	4ACSR	0	0	340	129	0	0	0	0.00	13.09	0
CO24395	CO24399	18.19	1 1-	4ACSR	0	0	339	129	0	0	0	0.00	13.09	0
CO24398	CO24395	18.21	1 1-	4ACSR	0	0	338	129	0	0	0	0.00	13.09	0
CO24396	CO24398	18.29	1 1-	4ACSR	0	0	335	128	0	0	0	0.00	13.09	0
CO24397	CO24396	18.50	1 1-	4ACSR	0	0	326	127	0	0	0	0.00	13.09	0
CO24127	CO24401	17.98	1 1-	4ACSR	0	0	348	130	5	0	1	0.00	13.09	0
CO23960	CO23961	17.50	35 1-	4ACSR	0	0	371	133	138	21	15	0.06	13.13	16
CO24126	CO23960	17.56	1 1-	4ACSR	0	0	368	133	7	1	1	0.00	13.13	0
CO24599	CO23960	17.58	34 1-	4ACSR	0	0	367	133	132	20	14	0.07	13.19	16
CO24600	CO24599	17.67	33 1-	4ACSR	0	0	363	132	129	19	14	0.09	13.28	20
CO24405	CO24600	17.78	32 1-	4ACSR	0	0	358	131	118	18	13	0.09	13.37	18
CO24404	CO24405	18.06	32 1-	4ACSR	0	0	345	130	118	18	13	0.24	13.60	49
CO24410	CO24404	18.11	4 1-	4ACSR	0	0	343	129	16	2	2	0.00	13.61	0
CO24412	CO24410	18.34	3 1-	4ACSR	0	0	332	128	8	1	1	0.01	13.62	0
CO24411	CO24412	18.42	3 1-	4ACSR	0	0	329	127	8	1	1	0.00	13.63	0
CO24979	CO24411	18.53	3 1-	4ACSR	0	0	325	127	8	1	1	0.01	13.63	0
CO24419	CO24979	18.62	2 1-	4/0ACSR	0	0	323	126	0	0	0	0.00	13.63	0
CO24418	CO24419	18.76	1 1-	4/0ACSR	0	0	321	126	0	0	0	0.00	13.63	0
CO24121	CO24979	18.63	1 1-	1/0PRIURD	0	0	322	212	8	1	1	0.00	13.63	0
CO24124	CO24404	18.09	1 1-	4ACSR	0	0	343	129	3	0	0	0.00	13.60	0
CO23959	CO24404	18.55	27 1-	4ACSR	0	0	324	126	99	15	11	0.35	13.95	61
CO24413	CO23959	18.60	26 1-	4ACSR	0	0	322	126	97	15	11	0.03	13.98	6
CO24846	CO24413	18.85	26 1-	4ACSR	0	0	313	125	97	15	11	0.17	14.16	30
CO1750418615	CO24846	18.93	1 1-	2ACSR	0	0	310	124	8	1	1	0.00	14.16	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24964	CO24846	19.17	24 1-	4ACSR	0	0	301	123	89	13	10	0.20	14.36	32
CO24949	CO24964	19.18	24 1-	4ACSR	0	0	301	123	89	13	10	0.00	14.37	0
OC721	CO24949	19.18	24 1-	15 H OCR	0	0	301	123	89	13	91	0.00	14.37	0
CO24965	OC721	19.43	0 1-	4ACSR	0	0	292	121	0	0	0	0.00	14.37	0
CO24148	CO24965	19.62	0 1-	4ACSR	0	0	286	120	0	0	0	0.00	14.37	0
CO24948	OC721	19.28	21 1-	4ACSR	0	0	298	122	83	12	9	0.06	14.42	8
CO24150	CO24948	19.67	21 1-	4ACSR	0	0	285	120	83	12	9	0.23	14.65	34
CO24430	CO24150	19.72	1 1-	2ACSR	0	0	284	120	7	1	1	0.00	14.66	0
CO24431	CO24430	19.74	1 1-	2ACSR	0	0	283	120	7	1	1	0.00	14.66	0
CO24153	CO24150	19.77	19 1-	4ACSR	0	0	282	119	73	11	8	0.05	14.70	6
CO24151	CO24153	19.80	19 1-	4ACSR	0	0	281	119	73	11	8	0.02	14.72	2
CO23981	CO24151	19.86	1 1-	2ACSR	0	0	280	119	11	1	1	0.00	14.72	0
CO24603	CO24151	19.86	18 1-	4ACSR	0	0	279	119	62	9	7	0.02	14.74	3
CO24604	CO24603	20.06	16 1-	4ACSR	0	0	273	118	54	8	6	0.07	14.81	6
CO24152	CO24604	20.15	14 1-	4ACSR	0	0	271	117	39	6	4	0.02	14.84	0
CO23973	CO24152	20.30	1 1-	4ACSR	0	0	267	116	2	0	0	0.00	14.84	0
CO23856	CO24152	20.25	12 1-	4ACSR	0	0	268	117	37	5	4	0.03	14.86	0
CO23972	CO23856	20.32	0 1-	4ACSR	0	0	266	116	0	0	0	0.00	14.86	0
CO23857	CO23856	20.34	12 1-	4ACSR	0	0	265	116	37	5	4	0.02	14.89	0
CO23971	CO23857	20.38	1 1-	4ACSR	0	0	264	116	9	1	1	0.00	14.89	0
CO24154	CO23857	20.41	11 1-	4ACSR	0	0	264	116	28	4	3	0.01	14.90	0
CO24155	CO24154	20.44	11 1-	4ACSR	0	0	263	116	28	4	3	0.01	14.91	0
CO23974	CO24155	20.50	2 1-	4ACSR	0	0	261	115	7	1	1	0.00	14.91	0
CO24608	CO24155	20.50	2 1-	4ACSR	0	0	261	115	9	1	1	0.00	14.91	0
CO24850	CO24608	20.77	1 1-	4ACSR	0	0	254	114	2	0	0	0.00	14.91	0
CO24393	CO24850	20.87	0 1-	4ACSR	0	0	252	113	0	0	0	0.00	14.91	0
CO24606	CO24155	20.48	5 1-	4ACSR	0	0	262	115	8	1	1	0.00	14.91	0
CO24607	CO24606	20.58	3 1-	4ACSR	0	0	259	115	1	0	0	0.00	14.91	0
CO24605	CO24607	20.65	2 1-	1/0PRIURD	0	0	258	181	1	0	0	0.00	14.91	0
CO24601	OC721	19.21	3 1-	4ACSR	0	0	300	123	5	0	1	0.00	14.37	0
CO24602	CO24601	19.51	2 1-	4ACSR	0	0	290	121	3	0	0	0.01	14.37	0
CO24756	CO24602	19.67	2 1-	4ACSR	0	0	285	120	3	0	0	0.00	14.37	0
CO24757	CO24756	19.68	1 1-	4ACSR	0	0	285	120	1	0	0	0.00	14.37	0
CO24149	CO24757	19.86	1 1-	4ACSR	0	0	279	119	1	0	0	0.00	14.38	0
CO24422	CO24149	19.94	1 1-	4ACSR	0	0	277	118	1	0	0	0.00	14.38	0
CO24423	CO24422	20.03	0 1-	4ACSR	0	0	274	118	0	0	0	0.00	14.38	0
CO23970	CO24149	19.92	0 1-	4ACSR	0	0	277	118	0	0	0	0.00	14.38	0
CO24133	CO23959	18.63	1 1-	4ACSR	0	0	321	126	1	0	0	0.00	13.95	0
CO24125	CO24600	17.76	0 1-	4ACSR	0	0	358	132	0	0	0	0.00	13.28	0
CO24517	CO24600	17.73	1 1-	4ACSR	0	0	360	132	11	1	1	0.00	13.28	0
CO24518	CO23964	17.25	2 1-	4ACSR	0	0	384	135	11	1	1	0.01	12.78	0
CO24519	CO24518	17.28	1 1-	4ACSR	0	0	383	135	11	1	1	0.00	12.78	0
CO23963	CO24408	17.23	8 1-	4ACSR	0	0	386	135	19	2	2	0.02	12.66	0
CO24406	CO23963	17.38	5 1-	4ACSR	0	0	377	134	12	1	1	0.01	12.68	0
CO24407	CO24406	17.64	4 1-	4ACSR	0	0	364	132	12	1	1	0.02	12.70	0
CO24417	CO24407	17.79	2 1-	4ACSR	0	0	357	131	2	0	0	0.00	12.70	0
CO24416	CO24417	17.86	1 1-	4ACSR	0	0	354	131	1	0	0	0.00	12.70	0
CO24414	CO24407	17.72	1 1-	4ACSR	0	0	360	132	4	0	0	0.00	12.70	0
CO24415	CO24414	17.90	1 1-	4ACSR	0	0	352	131	4	0	0	0.00	12.70	0
CO24132	CO24407	17.78	1 1-	4ACSR	0	0	358	131	6	0	1	0.00	12.70	0
CO24130	CO23963	17.34	1 1-	4ACSR	0	0	379	134	2	0	0	0.00	12.67	0
CO24129	CO23963	17.28	2 1-	4ACSR	0	0	382	135	5	0	1	0.00	12.67	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24134	CO24598	17.09	1 1-	4ACSR	0	0	393	136	14	2	2	0.01	12.51	0
CO24424	CO24595	16.51	5 1-	4ACSR	0	0	429	141	24	3	3	0.01	11.68	0
CO24425	CO24424	16.59	2 1-	4ACSR	0	0	424	140	15	2	2	0.00	11.68	0
CO24193	CO24163	15.28	3 1-	4ACSR	0	0	525	151	25	3	3	0.02	9.02	0
CO23989	CO24193	15.29	1 1-	4ACSR	0	0	524	151	17	2	2	0.00	9.02	0
CO24190	CO24193	15.33	2 1-	4ACSR	0	0	520	150	8	1	1	0.00	9.02	0
CO24192	CO24190	15.38	2 1-	4ACSR	0	0	516	150	8	1	1	0.00	9.03	0
CO24191	CO24192	15.42	2 1-	4ACSR	0	0	512	149	8	1	1	0.00	9.03	0
CO24848+	CO24161	14.95	4 1-	4ACSR	0	0	462	225	4	0	0	0.00	5.68	0
CO24583+	CO24848	15.08	4 1-	4ACSR	0	0	457	224	4	0	0	0.00	5.68	0
CO24584+	CO24583	15.17	3 1-	4ACSR	0	0	453	223	4	0	0	0.00	5.68	0
CO24585+	CO24584	15.23	1 1-	4ACSR	0	0	451	223	0	0	0	0.00	5.68	0
CO24586+	CO24585	15.40	1 1-	4ACSR	0	0	445	221	0	0	0	0.00	5.68	0
CO24847+	CO24586	15.68	0 1-	4ACSR	0	0	434	218	0	0	0	0.00	5.68	0
CO24123+	CO24847	15.84	0 1-	4ACSR	0	0	429	217	0	0	0	0.00	5.68	0
CO24122+	CO24847	15.77	0 1-	4ACSR	0	0	431	217	0	0	0	0.00	5.68	0
CO23969+	CO24586	15.51	1 1-	4ACSR	0	0	440	220	0	0	0	0.00	5.68	0
CO23855+	CO24584	15.47	2 1-	4ACSR	0	0	442	220	3	0	0	0.00	5.69	0
CO23968+	CO23855	15.58	1 1-	4ACSR	0	0	438	219	2	0	0	0.00	5.69	0
CO23967+	CO23855	15.55	1 1-	4ACSR	0	0	439	219	1	0	0	0.00	5.69	0
CO23863+	CO24580	13.52	15 1-	4ACSR	0	0	525	241	97	6	5	0.03	4.76	5
CO24436+	CO23863	13.60	2 1-	4ACSR	0	0	521	240	13	0	1	0.00	4.76	0
CO24435+	CO24436	13.66	1 1-	4ACSR	0	0	518	239	5	0	0	0.00	4.76	0
CO24434+	CO24435	13.69	0 1-	4ACSR	0	0	516	239	0	0	0	0.00	4.76	0
CO23984+	CO24435	13.68	1 1-	4ACSR	0	0	517	239	5	0	0	0.00	4.76	0
CO24618+	CO23863	13.60	13 1-	4ACSR	0	0	521	240	84	5	4	0.01	4.77	0
CO24619+	CO24618	13.69	13 1-	4ACSR	0	0	516	239	84	5	4	0.01	4.78	0
CO24620+	CO24619	13.88	12 1-	4ACSR	0	0	508	237	80	5	4	0.02	4.80	3
CO24621+	CO24620	14.09	11 1-	4ACSR	0	0	498	234	76	5	4	0.03	4.83	3
CO24758+	CO24621	14.15	11 1-	4ACSR	0	0	495	234	76	5	4	0.01	4.84	0
CO24759+	CO24758	14.24	9 1-	4ACSR	0	0	491	233	66	4	3	0.01	4.85	0
CO23987+	CO24759	14.34	1 1-	4ACSR	0	0	487	232	8	0	0	0.00	4.85	0
CO24622+	CO24759	14.31	3 1-	4ACSR	0	0	488	232	31	2	2	0.00	4.85	0
CO24623+	CO24622	14.38	2 1-	4ACSR	0	0	485	231	18	1	1	0.00	4.85	0
CO24438+	CO24623	14.41	1 1-	4ACSR	0	0	484	231	0	0	0	0.00	4.85	0
CO24437+	CO24438	14.44	1 1-	4ACSR	0	0	482	231	0	0	0	0.00	4.85	0
CO24165+	CO24759	14.32	5 1-	4ACSR	0	0	488	232	27	1	1	0.00	4.85	0
CO24164+	CO24165	14.45	3 1-	4ACSR	0	0	482	230	13	0	1	0.00	4.85	0
CO23988+	CO24164	14.48	3 1-	4ACSR	0	0	481	230	13	0	1	0.00	4.85	0
CO23994+	CO24575	12.61	2 1-	4ACSR	0	0	574	252	4	0	0	0.00	3.98	0
CO23993+	CO24575	12.61	2 1-	4ACSR	0	0	574	252	8	0	0	0.00	3.98	0
CO23992+	CO701441172	11.78	1 1-	4ACSR	0	0	623	262	0	0	0	0.00	3.04	0
CO-2092104003+	CO-1163898699	11.77	1 1-	2ACSR	0	0	624	262	13	0	1	0.00	2.97	0
CO24683+	CO23865	10.79	4 1-	4ACSR	0	0	675	269	24	1	1	0.00	2.24	0
CO24975+	CO24683	11.14	2 1-	4ACSR	0	0	649	265	13	0	1	0.00	2.25	0
CO24684+	CO24975	11.17	1 1-	4ACSR	0	0	647	264	1	0	0	0.00	2.25	0
CO24432+	CO24684	11.28	0 1-	4ACSR	0	0	639	263	0	0	0	0.00	2.25	0
CO24433+	CO24432	11.31	0 1-	4ACSR	0	0	637	262	0	0	0	0.00	2.25	0
CO24685+	CO24684	11.23	1 1-	4ACSR	0	0	643	263	1	0	0	0.00	2.25	0
CO1238293146+	CO24685	11.34	1 1-	2ACSR	0	0	636	262	1	0	0	0.00	2.25	0
CO626929809+	CO1238293146	11.38	1 1-	2ACSR	0	0	634	262	1	0	0	0.00	2.25	0
CO-478666918+	CO626929809	11.45	1 1-	2ACSR	0	0	630	261	1	0	0	0.00	2.25	0

Substation Power Factor: 0.93

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO397792474+	CO1238293146	11.36	0 1-	2ACSR	0	0	635	262	0	0	0	0.00	2.25	0
CO24680+	CO24679	10.19	2 1-	4ACSR	0	0	713	275	5	0	0	0.00	1.80	0
CO24681+	CO24680	10.32	0 1-	4ACSR	0	0	701	273	0	0	0	0.00	1.80	0
CO24016+	CO24208	9.91	1 1-	4ACSR	0	0	730	276	5	0	0	0.00	1.53	0
CO24017+	CO24676	9.69	1 1-	4ACSR	0	0	746	279	8	0	0	0.00	1.39	0
CO24015+	CO23878	9.43	4 1-	4ACSR	0	0	765	281	15	1	1	0.00	1.19	0
CO24011+	CO24666	8.32	2 1-	4ACSR	0	0	856	291	18	1	1	0.00	0.15	0
CO23874+	CO24666	8.41	2 1-	4ACSR	0	0	845	289	16	1	1	0.00	0.15	0
CO24667+	CO23874	8.64	1 1-	4ACSR	0	0	818	285	6	0	0	0.00	0.16	0
CO24668+	CO24667	8.71	1 1-	4ACSR	0	0	812	284	6	0	0	0.00	0.16	0
CO24010+	CO23874	8.45	1 1-	4ACSR	0	0	841	289	10	0	1	0.00	0.15	0
CO24693+	CO23907	7.65	2 1-	4ACSR	0	0	921	297	8	0	0	0.00	4.35	0
CO24694+	CO24693	7.72	1 1-	4ACSR	0	0	912	295	1	0	0	0.00	4.35	0
CO24271+	CO24694	7.75	1 1-	4ACSR	0	0	908	295	1	0	0	0.00	4.35	0
CO24272+	CO24271	7.89	1 1-	4ACSR	0	0	890	293	1	0	0	0.00	4.35	0
CO23917+	CO23905	6.20	182 3-	4/0ACSR	1404	1303	1110	311	1004	23	7	0.01	2.73	16
CO24063+	CO23917	6.30	1 1-	4ACSR	0	0	1092	310	13	0	1	0.00	2.73	0
CO23906+	CO23917	6.38	181 3-	4/0ACSR	1383	1284	1091	310	991	23	7	0.02	2.75	27
CO24245+	CO23906	6.41	174 3-	4/0ACSR	1379	1280	1087	310	956	22	7	0.00	2.75	5
CO24972+	CO24245	6.56	174 3-	4/0ACSR	1362	1264	1071	309	956	22	7	0.02	2.77	22
CO24704+	CO24972	6.61	174 3-	4/0ACSR	1357	1259	1067	309	956	22	7	0.00	2.78	6
CO24049+	CO24704	6.69	0 1-	4ACSR	0	0	1052	308	0	0	0	0.00	2.78	0
CO23902+	CO24704	6.80	171 3-	4/0ACSR	1335	1239	1047	308	932	21	6	0.02	2.80	26
CO24048+	CO23902	6.86	2 1-	4ACSR	0	0	1037	307	2	0	0	0.00	2.80	0
CO23901+	CO23902	6.92	168 3-	4/0ACSR	1322	1227	1035	307	916	21	6	0.01	2.81	16
CO23920+	CO23901	6.97	159 3-	4/0ACSR	1317	1222	1030	307	901	21	6	0.01	2.82	6
CO23919+	CO23920	7.04	141 3-	4/0ACSR	1310	1215	1024	307	779	18	5	0.01	2.82	6
CO23900+	CO23919	7.17	119 3-	4/0ACSR	1296	1202	1011	306	623	14	4	0.01	2.83	8
CO24045+	CO23900	7.26	1 3-	4ACSR	1280	1189	998	304	1	0	0	0.00	2.83	0
CO24044+	CO23900	7.21	1 1-	4ACSR	0	0	1004	305	15	1	1	0.00	2.83	0
CO23892+	CO23900	7.25	115 3-	4/0ACSR	1288	1195	1004	305	605	14	4	0.01	2.84	5
CO24043+	CO23892	7.30	1 1-	4ACSR	0	0	996	305	3	0	0	0.00	2.84	0
CO23903+	CO23892	7.33	67 3-	4/0ACSR	1279	1187	996	305	350	8	2	0.00	2.84	0
CO24042+	CO23903	7.41	1 1-	4ACSR	0	0	985	304	16	1	1	0.00	2.84	0
CO23891+	CO23903	7.53	65 3-	4/0ACSR	1260	1169	979	304	334	7	2	0.01	2.85	3
CO24065+	CO23891	7.56	1 1-	4ACSR	0	0	974	303	21	1	1	0.00	2.85	0
CO23890+	CO23891	7.65	64 3-	4/0ACSR	1249	1158	969	303	313	7	2	0.00	2.86	0
CO23918+	CO23890	7.69	18 3-	4/0ACSR	1244	1154	965	303	53	1	0	0.00	2.86	0
CO24066+	CO23918	7.73	1 1-	750 MCM - 42 Wi	0	0	963	303	0	0	0	0.00	2.86	0
CO24729+	CO23918	7.77	16 3-	2ACSR	1233	1144	955	302	43	1	1	0.00	2.86	0
CO24857+	CO24729	7.85	15 3-	2ACSR	1222	1135	946	301	35	0	0	0.00	2.86	0
CO24946+	CO24857	7.86	0 3-	2ACSR	1221	1134	946	301	0	0	0	0.00	2.86	0
SW751-A+	CO24946	7.86	0 3-	Open	1221	1134	946	301	0	0	0	0.00	2.86	0
CO24892+	CO24857	7.96	15 3-	1/0AAAC	1211	1124	936	300	35	0	0	0.00	2.86	0
CO24893+	CO24892	8.08	12 3-	1/0AAAC	1199	1113	926	299	32	0	0	0.00	2.86	0
CO24894+	CO24893	8.39	11 3-	1/0AAAC	1168	1085	898	296	32	0	0	0.00	2.86	0
CO24895+	CO24894	8.42	10 3-	1/0AAAC	1165	1082	896	296	31	0	0	0.00	2.86	0
CO24356+	CO24895	8.44	10 3-	1/0AAAC	1162	1080	894	296	31	0	0	0.00	2.86	0
CO24357+	CO24356	8.95	8 3-	1/0AAAC	1116	1038	853	292	28	0	0	0.00	2.86	0
CO24978+	CO24357	9.07	8 3-	1/0AAAC	1105	1028	844	291	28	0	0	0.00	2.87	0
CO24730+	CO24978	9.09	7 3-	1/0AAAC	1103	1026	842	290	27	0	0	0.00	2.87	0
CO24361+	CO24730	9.16	7 3-	1/0AAAC	1097	1020	837	290	27	0	0	0.00	2.87	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24358+	CO24361	9.23	7 3-	1/0AAAC	1091	1015	832	289	27	0	0	0.00	2.87	0
CO24360+	CO24358	9.29	7 3-	1/0AAAC	1086	1010	828	289	27	0	0	0.00	2.87	0
CO24359+	CO24360	9.36	7 3-	1/0AAAC	1080	1005	822	288	27	0	0	0.00	2.87	0
CO24731+	CO24359	9.61	7 3-	1/0AAAC	1059	986	805	286	27	0	0	0.00	2.87	0
CO24732+	CO24731	10.02	6 3-	1/0AAAC	1026	956	778	283	26	0	0	0.00	2.87	0
CO23948+	CO24732	10.20	2 3-	1/0AAAC	1013	944	767	282	3	0	0	0.00	2.87	0
CO24819+	CO23948	10.20	2 3-	1/0AAAC	1013	944	766	282	3	0	0	0.00	2.87	0
SW717-B+	CO24819	10.20	2 3-	Closed	1013	944	766	282	3	0	0	0.00	2.87	0
SW717-A+	SW717-B	10.20	2 3-	Closed	1013	944	766	282	3	0	0	0.00	2.87	0
CO1637011177+	SW717-A	10.39	2 3-	2ACSR	994	927	751	280	3	0	0	0.00	2.87	0
CO1983661312+	CO1637011177	10.49	1 1-	2ACSR	0	0	744	279	2	0	0	0.00	2.87	0
CO-1724026121+	CO1637011177	10.56	1 3-	2ACSR	977	913	738	278	1	0	0	0.00	2.87	0
CO23949+	CO-1724026121	10.69	1 3-	336ACSR	971	907	733	277	1	0	0	0.00	2.87	0
CO24833+	CO23949	10.76	1 3-	336ACSR	968	904	730	277	1	0	0	0.00	2.87	0
SW718-B+	CO24833	10.76	0 3-	Open	968	904	730	277	0	0	0	0.00	2.87	0
CO24365+	CO24833	10.94	1 3-	336ACSR	960	896	723	276	1	0	0	0.00	2.87	0
CO24367+	CO24365	11.00	1 3-	336ACSR	957	894	721	276	1	0	0	0.00	2.87	0
CO24366+	CO24367	11.05	1 3-	336ACSR	955	891	719	276	1	0	0	0.00	2.87	0
CO24809+	CO24366	11.14	0 3-	336ACSR	951	888	716	276	0	0	0	0.00	2.87	0
SW719-B+	CO24809	11.14	0 3-	Open	951	888	716	276	0	0	0	0.00	2.87	0
CO24507+	CO24366	11.08	1 3-	4ACSR	952	889	717	276	1	0	0	0.00	2.87	0
CO24508+	CO24507	11.11	1 3-	4ACSR	948	885	714	275	1	0	0	0.00	2.87	0
CO24811+	CO24732	10.03	4 1-	4ACSR	0	0	777	283	23	1	1	0.00	2.87	0
OC734+	CO24811	10.03	4 1-	25 E OCR	0	0	777	283	23	1	7	0.00	2.87	0
CO24812+	OC734	10.14	4 1-	4ACSR	0	0	766	281	23	1	1	0.00	2.88	0
CO24362+	CO24812	10.30	4 1-	4ACSR	0	0	750	279	23	1	1	0.01	2.88	0
CO24363+	CO24362	10.44	4 1-	4ACSR	0	0	738	277	23	1	1	0.01	2.89	0
CO23951+	CO24363	10.54	0 1-	4ACSR	0	0	728	275	0	0	0	0.00	2.89	0
CO23950+	CO24363	10.57	4 1-	4ACSR	0	0	725	275	23	1	1	0.01	2.89	0
CO24364+	CO23950	11.00	3 1-	4ACSR	0	0	688	268	2	0	0	0.00	2.89	0
CO24733+	CO24364	11.02	3 1-	4ACSR	0	0	687	268	2	0	0	0.00	2.89	0
CO24734+	CO24733	11.10	1 1-	4ACSR	0	0	681	267	0	0	0	0.00	2.89	0
CO24112+	CO24734	11.17	1 1-	4ACSR	0	0	675	266	0	0	0	0.00	2.89	0
CO24509+	CO23950	10.64	1 1-	4ACSR	0	0	719	274	21	1	1	0.00	2.89	0
CO24510+	CO24509	10.79	0 1-	4ACSR	0	0	706	271	0	0	0	0.00	2.89	0
CO24740+	CO23890	7.73	23 3-	1/0ACSR	1238	1149	960	302	130	3	1	0.00	2.86	0
CO24741+	CO24740	7.80	22 3-	1/0ACSR	1231	1142	953	302	118	2	1	0.00	2.86	0
CO24035+	CO24741	7.89	2 1-	4ACSR	0	0	940	300	1	0	0	0.00	2.86	0
CO24034+	CO24741	7.85	1 1-	4ACSR	0	0	945	301	7	0	0	0.00	2.86	0
CO23884+	CO24741	7.94	19 3-	1/0ACSR	1214	1127	939	301	110	2	1	0.00	2.86	0
CO24462+	CO23884	8.04	1 1-	4ACSR	0	0	926	299	2	0	0	0.00	2.86	0
CO24463+	CO24462	8.10	1 1-	4ACSR	0	0	917	298	2	0	0	0.00	2.86	0
CO-1784271363+	CO23884	8.04	1 3-	1/0ACSR	1202	1116	929	300	2	0	0	0.00	2.86	0
CO-324558147+	CO-1784271363	8.19	1 3-	2ACSR	1183	1099	913	298	2	0	0	0.00	2.86	0
CO23885+	CO23884	7.99	17 1-	2/0ACSR	0	0	935	300	107	7	3	0.00	2.87	0
CO30565+	CO23885	8.00	17 1-	4ACSR	0	0	932	300	107	7	5	0.00	2.87	0
CO30566+	CO30565	8.11	17 1-	4ACSR	0	0	917	298	107	7	5	0.02	2.89	3
CO24033+	CO30566	8.15	1 1-	4ACSR	0	0	912	297	5	0	0	0.00	2.89	0
CO24032+	CO30566	8.13	1 1-	4ACSR	0	0	915	298	3	0	0	0.00	2.89	0
CO24822+	CO30566	8.12	15 1-	4ACSR	0	0	916	298	99	6	5	0.00	2.89	0
OC725+	CO24822	8.12	15 1-	50 H OCR	0	0	916	298	99	6	14	0.00	2.89	0
CO24823+	OC725	8.34	15 1-	4ACSR	0	0	887	294	99	6	5	0.04	2.93	6

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23886+	CO24823	8.49	1 1-	4ACSR	0	0	869	292	7	0	0	0.00	2.93	0
CO24237+	CO23886	8.50	0 1-	4ACSR	0	0	867	291	0	0	0	0.00	2.93	0
CO24858+	CO24237	9.04	0 1-	4ACSR	0	0	805	283	0	0	0	0.00	2.93	0
CO24026+	CO23886	8.54	1 1-	4ACSR	0	0	862	291	7	0	0	0.00	2.93	0
CO24742+	CO24823	8.36	14 1-	4ACSR	0	0	886	294	93	6	5	0.00	2.93	0
CO24743+	CO24742	8.43	10 1-	4ACSR	0	0	876	293	85	5	4	0.01	2.94	0
CO24744+	CO24743	8.51	8 1-	4ACSR	0	0	866	291	54	3	3	0.01	2.94	0
CO24745+	CO24744	8.53	7 1-	4ACSR	0	0	863	291	54	3	3	0.00	2.94	0
CO24746+	CO24745	8.57	7 1-	4ACSR	0	0	858	290	54	3	3	0.00	2.95	0
CO24747+	CO24746	8.63	6 1-	4ACSR	0	0	851	289	54	3	3	0.00	2.95	0
CO24748+	CO24747	8.68	5 1-	4ACSR	0	0	846	289	42	2	2	0.00	2.96	0
CO24749+	CO24748	8.71	3 1-	4ACSR	0	0	842	288	25	1	1	0.00	2.96	0
CO24028+	CO24749	8.80	1 1-	4ACSR	0	0	832	287	7	0	0	0.00	2.96	0
CO24027+	CO24749	8.80	1 1-	4ACSR	0	0	831	286	9	0	0	0.00	2.96	0
CO24727+	CO23890	7.66	21 1-	4ACSR	0	0	967	303	129	9	6	0.00	2.86	0
CO24728+	CO24727	7.69	20 1-	4ACSR	0	0	962	302	129	9	6	0.01	2.87	0
CO24726+	CO24728	7.91	20 1-	4ACSR	0	0	932	299	129	9	6	0.04	2.91	8
CO24242+	CO24726	7.96	19 1-	4ACSR	0	0	924	298	109	7	5	0.01	2.92	0
CO24243+	CO24242	8.06	18 1-	4ACSR	0	0	910	296	97	6	5	0.01	2.93	0
CO24069+	CO24243	8.12	2 1-	2ACSR	0	0	904	295	19	1	1	0.00	2.93	0
CO24751+	CO24243	8.15	14 1-	4ACSR	0	0	899	294	54	3	3	0.01	2.94	0
CO24750+	CO24751	8.19	14 1-	4ACSR	0	0	893	294	54	3	3	0.00	2.94	0
CO24244+	CO24750	8.30	13 1-	4ACSR	0	0	880	292	52	3	3	0.01	2.95	0
CO24050+	CO24244	8.38	1 1-	4ACSR	0	0	869	291	2	0	0	0.00	2.95	0
CO23904+	CO24244	8.40	12 1-	4ACSR	0	0	866	290	50	3	3	0.01	2.96	0
CO24461+	CO23904	8.47	5 1-	4ACSR	0	0	858	289	1	0	0	0.00	2.96	0
CO24459+	CO24461	8.53	5 1-	4ACSR	0	0	851	288	1	0	0	0.00	2.96	0
CO24460+	CO24459	8.63	2 1-	4ACSR	0	0	839	287	0	0	0	0.00	2.96	0
CO-965483086+	CO24459	8.58	3 1-	2ACSR	0	0	845	288	1	0	0	0.00	2.96	0
CO23888+	CO23904	8.53	6 1-	4ACSR	0	0	851	288	38	2	2	0.01	2.97	0
CO24752+	CO23888	8.59	6 1-	4ACSR	0	0	843	287	38	2	2	0.00	2.97	0
CO24754+	CO24752	8.74	2 1-	4ACSR	0	0	826	285	21	1	1	0.00	2.97	0
CO24755+	CO24754	8.76	2 1-	4ACSR	0	0	823	284	21	1	1	0.00	2.98	0
CO24029+	CO24755	8.87	0 1-	4ACSR	0	0	811	283	0	0	0	0.00	2.98	0
CO23889+	CO24755	8.95	2 1-	4ACSR	0	0	802	282	21	1	1	0.01	2.98	0
CO24031+	CO23889	9.06	1 1-	4ACSR	0	0	790	280	11	0	1	0.00	2.98	0
CO1853826842+	CO24031	9.10	0 1-	2ACSR	0	0	787	279	0	0	0	0.00	2.98	0
CO24030+	CO23889	8.97	1 1-	4ACSR	0	0	800	281	10	0	1	0.00	2.98	0
CO24753+	CO24752	8.60	3 1-	4ACSR	0	0	842	287	4	0	0	0.00	2.97	0
CO23887+	CO23904	8.80	1 1-	4ACSR	0	0	818	284	11	0	1	0.00	2.96	0
CO23893+	CO23892	7.32	47 1-	4ACSR	0	0	994	304	252	17	13	0.03	2.87	11
XFMR64	CO23893	7.32	47 1-	333 KVA 1PH AUT	0	0	836	171	252	17	77	0.86	3.73	0
CO23894	XFMR64	7.38	47 1-	4ACSR	0	0	826	170	252	35	25	0.10	3.82	41
CO24046	CO23894	7.41	2 1-	4ACSR	0	0	820	170	17	2	2	0.00	3.83	0
CO24818	CO23894	7.38	45 1-	4ACSR	0	0	825	170	235	33	24	0.01	3.83	4
OC730	CO24818	7.38	45 1-	50 H OCR	0	0	825	170	235	33	67	0.00	3.83	0
CO24817	OC730	7.64	45 1-	4ACSR	0	0	780	167	235	33	24	0.40	4.23	153
CO24266	CO24817	7.73	1 1-	4/0ACSR	0	0	771	167	2	0	0	0.00	4.23	0
CO24268	CO24266	7.77	1 1-	4/0ACSR	0	0	766	167	2	0	0	0.00	4.23	0
CO24267	CO24268	7.86	0 1-	4/0ACSR	0	0	758	166	0	0	0	0.00	4.23	0
CO24036	CO24268	7.88	0 1-	4ACSR	0	0	750	166	0	0	0	0.00	4.23	0
CO24241	CO24817	7.81	44 1-	4ACSR	0	0	753	165	232	32	24	0.25	4.48	96

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24240	CO24241	7.84	44 1-	4ACSR	0	0	748	165	231	32	24	0.05	4.53	18
CO24037	CO24240	7.92	1 1-	4ACSR	0	0	735	164	17	2	2	0.00	4.54	0
CO24707	CO24240	7.88	43 1-	4ACSR	0	0	742	165	214	30	22	0.06	4.59	20
CO24708	CO24707	8.09	43 1-	4ACSR	0	0	709	162	214	30	22	0.30	4.89	105
CO24709	CO24708	8.13	43 1-	4ACSR	0	0	703	162	214	30	22	0.05	4.94	19
CO24710	CO24709	8.23	42 1-	4ACSR	0	0	688	161	206	29	21	0.14	5.08	49
CO24711	CO24710	8.25	42 1-	4ACSR	0	0	685	161	206	29	21	0.02	5.11	7
CO24712	CO24711	8.52	42 1-	4ACSR	0	0	647	158	206	29	21	0.38	5.48	129
CO24038	CO24712	8.66	1 1-	4ACSR	0	0	629	157	0	0	0	0.00	5.48	0
CO23895	CO24712	8.55	41 1-	4ACSR	0	0	643	158	205	29	21	0.04	5.52	13
CO24039	CO23895	8.72	0 1-	4ACSR	0	0	621	156	0	0	0	0.00	5.52	0
CO23896	CO23895	8.74	41 1-	4ACSR	0	0	619	156	205	29	21	0.25	5.77	85
CO24464	CO23896	8.76	1 1-	4ACSR	0	0	615	156	0	0	0	0.00	5.77	0
CO24465	CO24464	8.80	1 1-	4ACSR	0	0	611	156	0	0	0	0.00	5.77	0
CO23926	CO23896	9.01	40 1-	4ACSR	0	0	586	154	205	29	21	0.37	6.14	126
CO24040	CO23926	9.09	1 1-	4ACSR	0	0	577	153	0	0	0	0.00	6.14	0
CO23897	CO23926	9.74	38 1-	4ACSR	0	0	511	147	200	28	21	0.97	7.12	325
CO23923	CO23897	9.96	0 1-	4/0ACSR	0	0	501	147	0	0	0	0.00	7.12	0
CO23898	CO23897	9.80	38 1-	4ACSR	0	0	506	147	199	28	21	0.08	7.20	25
CO24041	CO23898	9.85	1 1-	4ACSR	0	0	501	146	9	1	1	0.00	7.20	0
CO23899	CO23898	9.95	37 1-	4ACSR	0	0	492	146	190	27	20	0.19	7.39	60
CO24238	CO23899	9.96	34 1-	4ACSR	0	0	492	146	183	26	19	0.01	7.40	4
CO24239	CO24238	10.04	34 1-	4ACSR	0	0	485	145	183	26	19	0.09	7.49	27
CO23921	CO24239	10.28	0 1-	4/0ACSR	0	0	475	144	0	0	0	0.00	7.49	0
CO24869	CO24239	10.24	32 1-	4ACSR	0	0	468	143	166	24	17	0.23	7.72	64
CO24713	CO24869	10.52	32 1-	4ACSR	0	0	447	141	166	24	17	0.31	8.03	87
CO24198	CO24713	10.59	31 1-	4ACSR	0	0	442	141	164	24	17	0.08	8.11	21
CO24714	CO24198	10.62	29 1-	4ACSR	0	0	440	140	149	21	16	0.03	8.14	7
CO24715	CO24714	10.72	29 1-	4ACSR	0	0	433	140	149	21	16	0.10	8.24	26
CO24003	CO24715	10.78	1 1-	4ACSR	0	0	429	139	4	0	0	0.00	8.24	0
CO23870	CO24715	10.76	28 1-	4ACSR	0	0	430	139	145	21	15	0.03	8.27	8
CO24005	CO23870	10.88	0 1-	4ACSR	0	0	422	138	0	0	0	0.00	8.27	0
CO23871	CO23870	10.86	28 1-	4ACSR	0	0	423	139	145	21	15	0.11	8.38	26
CO24225	CO23871	10.99	0 1-	4ACSR	0	0	415	138	0	0	0	0.00	8.38	0
CO24226	CO24225	11.22	0 1-	4ACSR	0	0	401	136	0	0	0	0.00	8.38	0
CO23869	CO23871	11.04	28 1-	4ACSR	0	0	412	137	145	21	15	0.17	8.56	43
CO24006	CO23869	11.07	1 1-	4ACSR	0	0	410	137	14	1	1	0.00	8.56	0
CO23872	CO23869	11.09	27 1-	4ACSR	0	0	409	137	131	19	14	0.04	8.60	10
CO24223	CO23872	11.26	1 1-	4ACSR	0	0	398	136	3	0	0	0.00	8.60	0
CO24224	CO24223	11.32	1 1-	4ACSR	0	0	395	135	3	0	0	0.00	8.60	0
CO24201	CO23872	11.15	26 1-	4ACSR	0	0	405	136	128	18	13	0.05	8.65	11
CO24199	CO24201	11.26	25 1-	4ACSR	0	0	399	136	125	18	13	0.10	8.74	21
CO1492077296	CO24199	11.34	1 1-	2ACSR	0	0	395	135	9	1	1	0.00	8.75	0
CO24200	CO24199	11.35	24 1-	4ACSR	0	0	393	135	115	16	12	0.07	8.82	14
CO24007	CO24200	11.38	1 1-	4ACSR	0	0	391	135	3	0	0	0.00	8.82	0
CO23873	CO24200	11.47	23 1-	4ACSR	0	0	386	134	112	16	12	0.09	8.91	17
CO24826	CO23873	11.48	22 1-	4ACSR	0	0	386	134	111	16	12	0.01	8.91	0
OC729	CO24826	11.48	22 1-	25 H OCR	0	0	386	134	111	16	66	0.00	8.91	0
CO24827	OC729	11.70	22 1-	4ACSR	0	0	374	133	111	16	12	0.17	9.08	32
CO24229	CO24827	11.75	1 1-	4ACSR	0	0	372	132	13	1	1	0.00	9.09	0
CO24227	CO24229	11.88	1 1-	4ACSR	0	0	365	131	13	1	1	0.01	9.10	0
CO24228	CO24227	11.92	1 1-	4ACSR	0	0	363	131	13	1	1	0.00	9.10	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24204	CO24827	11.72	21 1-	4ACSR	0	0	373	132	98	14	10	0.01	9.09	0
CO24202	CO24204	11.99	21 1-	4ACSR	0	0	360	131	98	14	10	0.18	9.27	30
CO24716	CO24202	12.31	20 1-	2ACSR	0	0	348	129	97	14	8	0.14	9.42	22
CO1067505392	CO24716	12.48	18 1-	2ACSR	0	0	342	128	88	13	7	0.07	9.49	10
CO24717	CO1067505392	12.65	18 1-	4ACSR	0	0	335	127	88	13	9	0.10	9.59	15
CO24203	CO24717	13.20	17 1-	4ACSR	0	0	313	124	82	12	9	0.31	9.90	43
CO24718	CO24203	13.38	15 1-	4ACSR	0	0	306	123	78	11	8	0.09	9.99	12
CO24872	CO24718	13.48	14 1-	4ACSR	0	0	303	122	70	10	7	0.04	10.03	5
CO24719	CO24872	13.54	13 1-	4ACSR	0	0	301	122	62	9	7	0.02	10.06	3
CO23983	CO24719	13.61	1 1-	4ACSR	0	0	298	122	10	1	1	0.00	10.06	0
CO24158	CO24719	13.74	12 1-	4ACSR	0	0	294	121	51	7	5	0.07	10.13	6
CO24720	CO24158	13.78	10 1-	4ACSR	0	0	292	121	44	6	5	0.01	10.14	0
CO24721	CO24720	13.91	8 1-	4ACSR	0	0	288	120	26	3	3	0.02	10.16	0
CO24157	CO24721	14.00	8 1-	4ACSR	0	0	285	119	26	3	3	0.01	10.18	0
CO23982	CO24157	14.11	0 1-	4ACSR	0	0	282	119	0	0	0	0.00	10.18	0
CO24166	CO24157	14.02	7 1-	4ACSR	0	0	285	119	21	3	2	0.00	10.18	0
CO24167	CO24166	14.05	6 1-	4ACSR	0	0	284	119	16	2	2	0.00	10.18	0
CO24722	CO24167	14.06	6 1-	4ACSR	0	0	283	119	16	2	2	0.00	10.18	0
CO24723	CO24722	14.15	5 1-	4ACSR	0	0	281	119	16	2	2	0.01	10.19	0
CO24724	CO24723	14.20	4 1-	4ACSR	0	0	279	118	7	1	1	0.00	10.19	0
CO24725	CO24724	14.28	3 1-	4ACSR	0	0	277	118	0	0	0	0.00	10.19	0
CO24002	CO24158	13.82	1 1-	2ACSR	0	0	291	120	6	0	1	0.00	10.13	0
CO24009	CO24203	13.37	1 1-	4ACSR	0	0	306	123	3	0	0	0.00	9.90	0
CO-1918465395	CO24716	12.36	1 1-	2ACSR	0	0	346	129	1	0	0	0.00	9.42	0
CO24025	CO24202	12.04	1 1-	4ACSR	0	0	357	130	0	0	0	0.00	9.27	0
CO24008	CO23873	11.55	1 1-	4ACSR	0	0	382	134	0	0	0	0.00	8.91	0
CO24004	CO24713	10.58	1 1-	4ACSR	0	0	442	141	1	0	0	0.00	8.03	0
CO23922	CO23899	10.21	1 1-	4/0ACSR	0	0	481	145	0	0	0	0.00	7.39	0
CO24705+	CO23900	7.19	2 1-	4ACSR	0	0	1008	305	2	0	0	0.00	2.83	0
CO24706+	CO24705	7.29	1 1-	4ACSR	0	0	993	304	0	0	0	0.00	2.83	0
CO24779+	CO23919	7.06	22 1-	1/0PRIURD	0	0	1021	599	156	10	7	0.00	2.83	0
CO24780+	CO24779	7.10	18 1-	1/0PRIURD	0	0	1018	598	129	8	6	0.00	2.83	0
CO24781+	CO24780	7.13	16 1-	1/0PRIURD	0	0	1014	597	113	7	5	0.00	2.83	0
CO24947+	CO24781	7.20	12 1-	1/0PRIURD	0	0	1006	594	85	5	4	0.00	2.84	0
CO24886+	CO24947	7.22	11 1-	1/0PRIURD	0	0	1004	593	75	5	3	0.00	2.84	0
CO24887+	CO24886	7.26	9 1-	1/0PRIURD	0	0	1000	592	58	4	3	0.00	2.84	0
CO24888+	CO24887	7.32	8 1-	1/0PRIURD	0	0	994	589	52	3	2	0.00	2.84	0
CO24889+	CO24888	7.36	4 1-	1/0PRIURD	0	0	990	588	29	2	1	0.00	2.84	0
CO24890+	CO24889	7.39	3 1-	1/0PRIURD	0	0	987	587	18	1	1	0.00	2.84	0
CO24777+	CO23920	6.98	18 1-	1/0PRIURD	0	0	1029	602	123	8	6	0.00	2.82	0
CO24778+	CO24777	7.02	14 1-	1/0PRIURD	0	0	1025	600	99	6	5	0.00	2.82	0
CO24776+	CO24778	7.05	11 1-	1/0PRIURD	0	0	1021	599	79	5	4	0.00	2.82	0
CO24775+	CO24776	7.09	6 1-	1/0PRIURD	0	0	1017	598	47	3	2	0.00	2.82	0
CO24774+	CO24775	7.12	3 1-	1/0PRIURD	0	0	1014	596	20	1	1	0.00	2.82	0
CO24047+	CO23901	6.99	9 1-	4ACSR	0	0	1024	306	15	1	1	0.00	2.81	0
CO-17306848+	CO24047	7.03	1 1-	2ACSR	0	0	1018	306	1	0	0	0.00	2.81	0
CO24055+	CO23906	6.43	0 1-	4ACSR	0	0	1080	309	0	0	0	0.00	2.75	0
CO24815+	CO23906	6.38	7 1-	4ACSR	0	0	1090	310	34	2	2	0.00	2.75	0
OC720+	CO24815	6.38	7 1-	10 N FUSE	0	0	1090	310	34	2	24	0.00	2.75	0
CO24816+	OC720	6.53	7 1-	4ACSR	0	0	1063	308	34	2	2	0.01	2.76	0
CO24468+	CO24816	6.58	1 1-	4ACSR	0	0	1055	307	0	0	0	0.00	2.76	0
CO24469+	CO24468	6.63	1 1-	4ACSR	0	0	1045	306	0	0	0	0.00	2.76	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24251+	CO24816	6.62	6 1-	4ACSR	0	0	1046	306	34	2	2	0.01	2.76	0
CO24255+	CO24251	6.67	5 1-	4ACSR	0	0	1038	305	26	1	1	0.00	2.76	0
CO24252+	CO24255	6.75	3 1-	4ACSR	0	0	1025	304	18	1	1	0.00	2.77	0
CO24254+	CO24252	6.82	2 1-	4ACSR	0	0	1013	302	18	1	1	0.00	2.77	0
CO24253+	CO24254	6.86	1 1-	4ACSR	0	0	1006	302	13	0	1	0.00	2.77	0
CO24064+	CO24251	6.66	1 1-	4ACSR	0	0	1040	305	8	0	0	0.00	2.76	0
CO24702+	CO24256	5.24	5 1-	4ACSR	0	0	1239	318	28	1	1	0.00	2.34	0
CO24703+	CO24702	5.27	4 1-	4ACSR	0	0	1232	317	23	1	1	0.00	2.34	0
CO24250+	CO24703	5.65	4 1-	4ACSR	0	0	1147	310	23	1	1	0.01	2.35	0
CO24466+	CO24250	5.68	1 1-	4ACSR	0	0	1141	310	1	0	0	0.00	2.35	0
CO24467+	CO24466	5.70	1 1-	4ACSR	0	0	1136	309	1	0	0	0.00	2.35	0
CO24246+	CO24250	5.71	2 1-	4ACSR	0	0	1135	309	15	1	1	0.00	2.35	0
CO24249+	CO24246	5.85	2 1-	4ACSR	0	0	1107	307	15	1	1	0.00	2.35	0
CO24247+	CO24249	5.90	1 1-	4ACSR	0	0	1097	306	6	0	0	0.00	2.35	0
CO24248+	CO24247	5.91	1 1-	4ACSR	0	0	1095	306	6	0	0	0.00	2.35	0
CO24058+	CO23912	4.90	1 1-	4ACSR	0	0	1303	322	4	0	0	0.00	2.20	0
CO24501+	CO23937	3.80	2 1-	4ACSR	0	0	1542	333	4	0	0	0.00	1.68	0
CO24502+	CO24501	3.86	1 1-	4ACSR	0	0	1523	331	0	0	0	0.00	1.68	0
CO24874+	CO24854	1.31	2 1-	4ACSR	0	0	2321	350	4	0	0	0.00	0.44	0
CO24529+	CO24874	1.76	2 1-	4ACSR	0	0	2040	340	4	0	0	0.00	0.44	0
CO24528+	CO24529	1.86	1 1-	4ACSR	0	0	1983	338	0	0	0	0.00	0.44	0
CO24387+	CO24528	2.22	0 1-	4ACSR	0	0	1790	330	0	0	0	0.00	0.44	0
CO24876+	CO24387	2.24	0 1-	4ACSR	0	0	1782	330	0	0	0	0.00	0.44	0
CO24875+	CO24876	2.24	0 1-	4ACSR	0	0	1779	330	0	0	0	0.00	0.44	0
CO24853+	CO24372	0.39	10 1-	4ACSR	0	0	2749	354	36	2	2	0.00	0.12	0
CO24516+	CO24853	0.63	10 1-	4ACSR	0	0	2542	349	36	2	2	0.01	0.13	0
CO24855+	CO24516	0.70	9 1-	2/0ACSR	0	0	2499	348	29	1	1	0.00	0.13	0
CO24512+	CO24372	0.37	2 3-	2ACSR	2818	2806	2763	355	60	1	1	0.00	0.12	0
CO24611+	CO24512	0.43	2 3-	2ACSR	2787	2772	2715	354	60	1	1	0.00	0.12	0
CO24612+	CO24611	0.44	1 3-	2ACSR	2785	2770	2713	354	6	0	0	0.00	0.12	0
CO24511+	CO24612	0.45	1 3-	2ACSR	2778	2762	2703	354	6	0	0	0.00	0.12	0
CO24831+	CO24829	0.02	8 3-	750 MCM - 42 wi	2963	2978	2988	357	6634	164	14	0.00	0.01	10
Industrial Park+	CO24831	0.02	8 3-	560 200WVE	2963	2978	2988	357	6634	164	29	0.00	0.01	0
CO24373+	Industrial Park	0.04	8 3-	336ACSR	2951	2959	2969	357	6634	164	32	0.02	0.03	143
CO24376+	CO24373	0.11	8 3-	336ACSR	2927	2931	2931	357	6633	164	32	0.05	0.08	297
CO-980555440+	CO24376	0.14	8 3-	2ACSR	2908	2910	2901	356	6632	164	91	0.08	0.16	878
CO440868335+	CO-980555440	0.21	7 3-	2ACSR	2873	2871	2844	355	3078	73	41	0.07	0.23	335
SW11-A+	CO440868335	0.21	7 3-	Closed	2873	2871	2844	355	3077	73	0	0.00	0.23	0
SW11-B+	SW11-A	0.21	7 3-	Closed	2873	2871	2844	355	3077	73	0	0.00	0.23	0
CO-554407469+	SW11-B	0.29	7 3-	2ACSR	2833	2827	2783	354	3077	73	41	0.07	0.30	366
CA1278358740+	CO-554407469	0.29	0 3-	Capacitor	2833	2827	2783	354	0	-14	0	0.00	0.30	0
CO24739+	CO-554407469	0.38	6 3-	336ACSR	2799	2787	2733	354	3075	79	15	0.04	0.34	104
CO23954+	CO24739	0.42	6 3-	336ACSR	2783	2768	2709	353	3074	79	15	0.02	0.35	51
CO24791+	CO23954	0.47	4 3-	1/0PRIURD	2779	2757	2679	880	2858	74	49	0.02	0.37	102
190209101+	CO24791	0.47	1 3-	Consumer	2779	2757	2679	880	604	15	0	0.00	0.37	0
190209100+	CO24791	0.47	1 3-	Consumer	2779	2757	2679	880	885	22	0	0.00	0.37	0
CO24736+	CO23954	0.45	2 3-	336ACSR	2772	2756	2693	353	216	5	1	0.00	0.35	0
CO24737+	CO24736	0.48	2 3-	336ACSR	2761	2742	2676	353	216	5	1	0.00	0.35	0
CO24368+	CO24737	0.54	1 3-	336ACSR	2741	2719	2647	353	63	1	0	0.00	0.35	0
CO24835+	CO24368	0.58	0 3-	336ACSR	2729	2705	2630	353	0	0	0	0.00	0.35	0
CO24834+	CO24835	0.59	0 3-	336ACSR	2725	2701	2625	353	0	0	0	0.00	0.35	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SW718-A+	CO24834	0.59	0 3-	Open	2725	2701	2625	353	0	0	0	0.00	0.35	0
CO30660+	CO24368	0.62	1 1-	1/0PRIURD	0	0	2598	874	63	4	3	0.01	0.36	0
CO30661+	CO30660	0.67	1 1-	1/0PRIURD	0	0	2572	870	63	4	3	0.00	0.36	0
CO24821+	CO24737	0.52	1 3-	1/0PRIURD	2758	2735	2655	879	153	3	3	0.00	0.35	0
CO23952+	CO24739	0.45	0 3-	336ACSR	2773	2756	2694	353	0	0	0	0.00	0.34	0
CO23953+	CO23952	0.48	0 3-	336ACSR	2761	2743	2677	353	0	0	0	0.00	0.34	0
CO24792+	CO23953	0.53	0 3-	1/0PRIURD	2758	2734	2653	879	0	0	0	0.00	0.34	0
CO24966+	CO23952	0.59	0 3-	1/0PRIURD	2763	2727	2614	872	0	0	0	0.00	0.34	0
CO-1366423321+	CO-980555440	0.19	1 3-	2ACSR	2884	2884	2863	356	3549	91	51	0.06	0.22	355
CO24377+	CO-1366423321	0.20	1 3-	336ACSR	2880	2879	2856	356	3547	91	18	0.01	0.22	17
CO24738+	CO24377	0.21	1 3-	336ACSR	2878	2876	2853	356	3547	91	18	0.00	0.22	9
CO24378+	CO24738	0.35	1 3-	1/0PRIURD	2869	2848	2763	888	3547	91	61	0.09	0.31	691
CO24953+	CO24378	0.40	0 3-	1/0PRIURD	2865	2836	2731	883	0	0	0	0.00	0.31	0
CO24793+	CO24378	0.43	1 3-	1/0PRIURD	2863	2830	2714	881	3544	91	61	0.05	0.36	389
190209103+	CO24793	0.43	1 3-	Consumer	2863	2830	2714	881	3542	92	0	0.00	0.36	0
CO24830+	CO24829	0.01	57 3-	750 MCM - 42 Wi	2964	2979	2988	357	1597	37	3	0.00	0.01	0
Maysville Ckt+	CO24830	0.01	57 3-	560 200WVE	2964	2979	2988	357	1597	37	7	0.00	0.01	0
CO24832+	Maysville Ckt	0.04	57 3-	336ACSR	2954	2966	2974	357	1597	37	7	0.00	0.01	6
CO24527+	CO24832	0.13	57 3-	336ACSR	2918	2921	2917	357	1597	37	7	0.01	0.02	23
CO24520+	CO24527	0.23	57 3-	336ACSR	2880	2876	2858	356	1597	37	7	0.02	0.04	25
CO24856+	CO24520	0.29	1 1-	2ACSR	0	0	2812	355	41	3	2	0.00	0.04	0
CO24521+	CO24520	0.30	56 3-	336ACSR	2854	2847	2819	356	1556	36	7	0.01	0.05	16
CO24522+	CO24521	0.33	56 3-	336ACSR	2841	2832	2800	356	1556	36	7	0.01	0.05	8
CO24135+	CO24522	0.40	56 3-	336ACSR	2818	2805	2765	356	1556	36	7	0.01	0.06	15
CO24136+	CO24135	0.55	52 3-	336ACSR	2764	2744	2685	355	1513	35	7	0.02	0.08	33
CO24137+	CO24136	0.57	51 3-	336ACSR	2755	2734	2672	355	1493	34	7	0.00	0.09	6
CO-1630480590+	CO24137	0.62	20 3-	2ACSR	2732	2708	2638	354	282	7	4	0.00	0.09	2
CO1143696211+	CO-1630480590	0.66	0 3-	1/0PRIURD	2730	2700	2613	883	0	0	0	0.00	0.09	0
CO-1527998077+	CO-1630480590	0.66	20 3-	2ACSR	2710	2684	2605	353	282	7	4	0.00	0.10	2
CO1476734394+	CO-1527998077	0.69	20 1-	1/0PRIURD	0	0	2589	879	282	22	15	0.01	0.11	3
CO555880834+	CO1476734394	0.74	17 1-	1/0PRIURD	0	0	2561	876	235	18	13	0.01	0.12	3
CO1728838745+	CO555880834	0.76	2 1-	1/0PRIURD	0	0	2553	874	44	3	2	0.00	0.12	0
CO1498486379+	CO555880834	0.77	10 1-	1/0PRIURD	0	0	2543	873	131	10	7	0.00	0.12	0
CO1258449298+	CO1498486379	0.79	10 1-	1/0PRIURD	0	0	2535	872	131	10	7	0.00	0.12	0
CO-296429122+	CO1258449298	0.82	10 1-	1/0PRIURD	0	0	2526	869	131	10	7	0.00	0.13	0
CO1804891826+	CO-296429122	0.84	6 1-	1/0PRIURD	0	0	2518	868	68	5	4	0.00	0.13	0
CO-819797655+	CO1498486379	0.82	0 1-	1/0PRIURD	0	0	2514	869	0	0	0	0.00	0.12	0
CO-276659867+	CO24137	0.60	31 3-	2ACSR	2741	2718	2651	354	1211	27	15	0.01	0.10	20
CO-96057921+	CO-276659867	0.68	31 3-	2ACSR	2704	2677	2596	353	1211	27	15	0.03	0.13	54
CO24138+	CO-96057921	0.75	31 3-	336ACSR	2680	2649	2562	353	1211	27	5	0.01	0.13	10
CO24139+	CO24138	0.79	31 3-	336ACSR	2666	2633	2542	353	1211	27	5	0.00	0.14	6
CO23958+	CO24139	0.80	31 3-	1/0AAAC	2664	2631	2539	353	1211	27	11	0.00	0.14	0
CA71+	CO23958	0.80	0 3-	Capacitor	2664	2631	2539	353	0	-10	0	0.00	0.14	0
CO30683+	CO23958	0.84	31 3-	1/0AAAC	2646	2611	2513	352	1211	32	13	0.01	0.15	28
CO23955+	CO30683	0.91	17 1-	4ACSR	0	0	2464	351	265	21	15	0.03	0.19	15
CO24140+	CO23955	0.97	7 1-	4ACSR	0	0	2421	349	79	6	5	0.00	0.19	0
CO24523+	CO24140	1.03	2 1-	4ACSR	0	0	2378	348	6	0	0	0.00	0.19	0
CO24524+	CO24523	1.12	1 1-	4ACSR	0	0	2311	346	0	0	0	0.00	0.19	0
CO23956+	CO23955	0.92	8 1-	4ACSR	0	0	2454	350	148	11	9	0.00	0.19	0
CO24141+	CO23956	0.96	6 1-	4ACSR	0	0	2429	349	117	9	7	0.01	0.20	0
CO24115+	CO24141	1.01	2 1-	4ACSR	0	0	2395	348	59	4	3	0.00	0.20	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24525+	CO24141	1.04	2 1-	4ACSR	0	0	2370	348	41	3	2	0.01	0.20	0
CO24526+	CO24525	1.05	2 1-	4ACSR	0	0	2361	347	41	3	2	0.00	0.20	0
CO23957+	CO23956	1.20	2 1-	4ACSR	0	0	2260	344	31	2	2	0.02	0.21	0
CO24142+	CO23957	1.35	1 1-	4ACSR	0	0	2157	341	31	2	2	0.01	0.21	0
CO24143+	CO24142	1.48	1 1-	4ACSR	0	0	2072	338	31	2	2	0.01	0.22	0
CO24144+	CO24143	1.61	1 1-	4ACSR	0	0	1994	335	31	2	2	0.01	0.23	0
CO24145+	CO24144	1.71	1 1-	4ACSR	0	0	1932	333	31	2	2	0.01	0.24	0
CO24146+	CO24145	1.99	1 1-	4ACSR	0	0	1779	328	31	2	2	0.02	0.25	0
CO24147+	CO24146	2.01	1 1-	4ACSR	0	0	1767	327	31	2	2	0.00	0.25	0
CO24114+	CO23957	1.28	1 1-	4ACSR	0	0	2204	342	0	0	0	0.00	0.21	0
CO170561368+	CO30683	0.90	14 3-	2ACSR	2620	2582	2476	351	945	25	14	0.02	0.17	33
CO-1630019527+	CO170561368	1.01	14 3-	2ACSR	2570	2525	2406	350	945	25	14	0.04	0.21	63
CO24380+	CO-1630019527	1.10	8 3-	1/0AAAC	2535	2486	2358	349	511	13	5	0.01	0.22	10
CO24379+	CO24380	1.32	8 3-	1/0AAAC	2454	2396	2249	346	511	13	5	0.03	0.25	24
CO24382+	CO24379	1.34	6 1-	4ACSR	0	0	2237	346	91	7	5	0.00	0.26	0
CO24381+	CO24382	1.37	6 1-	4ACSR	0	0	2218	345	91	7	5	0.00	0.26	0
CO24119+	CO24381	1.40	1 1-	4ACSR	0	0	2195	344	2	0	0	0.00	0.26	0
CO24530+	CO24381	1.39	5 1-	4ACSR	0	0	2206	345	88	7	5	0.00	0.26	0
CO24531+	CO24530	1.44	4 1-	4ACSR	0	0	2173	344	63	5	4	0.01	0.27	0
CO24385+	CO24531	1.58	1 1-	4ACSR	0	0	2084	341	36	2	2	0.00	0.27	0
CO24386+	CO24385	1.60	0 1-	4ACSR	0	0	2069	340	0	0	0	0.00	0.27	0
CO24383+	CO24531	1.60	3 1-	4ACSR	0	0	2071	340	27	2	2	0.01	0.28	0
CO24384+	CO24383	1.70	1 1-	4ACSR	0	0	2015	338	11	0	1	0.00	0.28	0
CO24118+	CO24384	1.73	0 1-	4ACSR	0	0	1995	337	0	0	0	0.00	0.28	0
CO24117+	CO24384	1.77	1 1-	4ACSR	0	0	1970	336	11	0	1	0.00	0.28	0
CO24514+	CO24379	1.42	1 3-	1/0AAAC	2421	2359	2205	345	419	11	4	0.01	0.26	7
CO24513+	CO24514	1.50	1 3-	1/0AAAC	2392	2326	2167	344	419	11	4	0.01	0.27	6
CO24116+	CO24513	1.55	1 3-	1/0PRIURD	2387	2322	2156	817	419	11	7	0.00	0.27	3
200102020+	CO24116	1.55	1 3-	Consumer	2387	2322	2156	817	419	11	0	0.00	0.27	0
CO24388+	CO-1630019527	1.05	6 3-	1/0AAAC	2554	2507	2384	349	434	11	5	0.00	0.22	3
CO24389+	CO24388	1.09	5 3-	1/0AAAC	2539	2490	2363	349	385	10	4	0.00	0.22	2
CO24390+	CO24389	1.28	2 3-	1/0AAAC	2467	2410	2266	347	233	6	2	0.01	0.23	4
CO24391+	CO24390	1.33	2 3-	1/0AAAC	2450	2391	2244	346	233	6	2	0.00	0.23	0
CO24120+	CO24391	1.36	1 3-	1/0PRIURD	2448	2389	2235	830	231	6	4	0.00	0.23	0
CO24515+	CO24389	1.11	3 3-	1/0AAAC	2530	2480	2351	348	152	4	2	0.00	0.22	0
CO24609+	CO24515	1.12	2 3-	1/0AAAC	2528	2478	2348	348	138	3	1	0.00	0.22	0
CO24610+	CO24609	1.12	1 3-	1/0AAAC	2526	2476	2345	348	86	2	1	0.00	0.22	0
CO24794+	CO30683	1.06	0 1-	4ACSR	0	0	2359	347	0	0	0	0.00	0.15	0
CO24392+	CO24794	1.28	0 1-	4ACSR	0	0	2202	342	0	0	0	0.00	0.15	0
CO24840+	CO24392	1.57	0 1-	4ACSR	0	0	2016	336	0	0	0	0.00	0.15	0
CO24841+	CO24840	1.58	0 1-	4ACSR	0	0	2010	336	0	0	0	0.00	0.15	0
CO24796+	CO24794	1.10	0 1-	4ACSR	0	0	2330	346	0	0	0	0.00	0.15	0
CO24795+	CO24796	1.10	0 1-	4ACSR	0	0	2325	346	0	0	0	0.00	0.15	0
CO24810+	CO24522	0.36	0 3-	336ACSR	2831	2820	2785	356	0	0	0	0.00	0.05	0
SW719-A+	CO24810	0.36	0 3-	Open	2831	2820	2785	356	0	0	0	0.00	0.05	0
SUB	0 total losses:	\$37,149												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0	MURPHYSVILLE		1947		3394	3521	3548	357	10046					
CO29531+	MURPHYSVILLE	0.00	1947 3-	750 MCM - 42 Wi	3392	3518	3545	357	10046	226	20	0.00	0.00	10
CO29532+	CO29531	0.01	1947 3-	750 MCM - 42 Wi	3391	3516	3542	357	10046	226	20	0.00	0.00	10
CO29536+	CO29532	0.02	325 3-	750 MCM - 42 Wi	3385	3508	3533	357	1766	39	3	0.00	0.00	0
Weaver Rd+	CO29536	0.02	325 3-	560 200WVE	3385	3508	3533	357	1766	39	7	0.00	0.00	0
CO29467+	Weaver Rd	0.03	325 3-	336ACSR	3380	3500	3524	357	1766	39	8	0.00	0.00	3
CO29468+	CO29467	0.09	325 3-	336ACSR	3349	3450	3472	357	1766	39	8	0.01	0.01	17
CO29469+	CO29468	0.26	325 3-	336ACSR	3263	3321	3331	356	1765	39	8	0.02	0.03	47
CO29435+	CO29469	0.32	322 3-	336ACSR	3232	3276	3282	356	1745	39	8	0.01	0.04	17
CO29436+	CO29435	0.65	316 3-	336ACSR	3079	3063	3044	354	1703	38	7	0.04	0.08	85
CO29449+	CO29436	0.70	1 1-	4ACSR	0	0	2996	353	2	0	0	0.00	0.08	0
CO29437+	CO29436	0.75	315 3-	336ACSR	3033	3008	2977	354	1701	38	7	0.01	0.09	27
CO29438+	CO29437	0.90	314 3-	336ACSR	2972	2938	2887	353	1697	37	7	0.02	0.11	37
CO1147271442+	CO29438	0.94	7 1-	2ACSR	0	0	2852	353	65	4	2	0.00	0.11	0
CO132460504+	CO1147271442	1.01	1 1-	2ACSR	0	0	2787	352	8	0	0	0.00	0.11	0
CO1693830204+	CO1147271442	1.15	6 1-	2ACSR	0	0	2676	349	57	3	2	0.01	0.13	0
CO29478+	CO1693830204	1.17	4 1-	4ACSR	0	0	2651	349	35	2	2	0.00	0.13	0
CO29479+	CO29478	1.21	3 1-	4ACSR	0	0	2623	348	23	1	1	0.00	0.13	0
CO29480+	CO29479	1.23	2 1-	4ACSR	0	0	2601	348	19	1	1	0.00	0.13	0
CO29481+	CO29480	1.30	1 1-	4ACSR	0	0	2538	346	9	0	0	0.00	0.13	0
CO29458+	CO29481	1.35	1 1-	2ACSR	0	0	2503	345	9	0	0	0.00	0.13	0
CO29476+	CO1693830204	1.19	2 1-	4ACSR	0	0	2633	348	22	1	1	0.00	0.13	0
CO29477+	CO29476	1.24	1 1-	4ACSR	0	0	2591	347	10	0	0	0.00	0.13	0
CO29482+	CO29438	0.93	307 3-	336ACSR	2961	2925	2871	353	1632	36	7	0.00	0.11	6
CO29483+	CO29482	0.95	307 3-	336ACSR	2953	2915	2858	353	1632	36	7	0.00	0.12	5
CO30475+	CO29483	1.06	307 3-	336ACSR	2905	2861	2789	353	1632	36	7	0.01	0.13	28
CO29198+	CO30475	1.20	0 1-	4ACSR	0	0	2671	350	0	0	0	0.00	0.13	0
CO29248+	CO30475	1.44	2 1-	6ACWC	0	0	2456	344	15	0	1	0.01	0.14	0
CO30476+	CO29248	1.59	1 1-	6ACWC	0	0	2339	341	5	0	0	0.00	0.14	0
CO29243+	CO30475	1.13	305 3-	336ACSR	2878	2830	2751	352	1617	36	7	0.01	0.14	16
CO29247+	CO29243	1.19	304 3-	336ACSR	2856	2805	2720	352	1611	36	7	0.01	0.14	13
CO29185+	CO29247	1.51	304 3-	336ACSR	2739	2675	2560	351	1611	36	7	0.04	0.18	73
CO29184+	CO29185	1.68	279 3-	336ACSR	2679	2608	2479	350	1414	31	6	0.02	0.20	31
CO29239+	CO29184	1.78	3 1-	4ACSR	0	0	2402	348	11	0	1	0.00	0.20	0
CO29201+	CO29239	1.80	1 1-	4ACSR	0	0	2386	347	0	0	0	0.00	0.20	0
CO29240+	CO29239	1.82	2 1-	4ACSR	0	0	2377	347	11	0	1	0.00	0.20	0
CO29187+	CO29184	1.84	276 3-	336ACSR	2626	2549	2409	349	1403	31	6	0.02	0.21	28
CO29197+	CO29187	1.88	1 1-	4ACSR	0	0	2381	348	1	0	0	0.00	0.21	0
CO29237+	CO29187	1.93	274 3-	336 MCM ACSR 30	2596	2517	2371	349	1391	31	6	0.01	0.22	16
CO29203+	CO29237	2.01	1 1-	2ACSR	0	0	2321	348	12	0	0	0.00	0.22	0
CO29238+	CO29237	2.05	273 3-	336 MCM ACSR 30	2560	2477	2324	348	1379	30	6	0.01	0.23	20
CO29200+	CO29238	2.12	1 1-	4ACSR	0	0	2277	347	11	0	1	0.00	0.23	0
CO29196+	CO29238	2.12	2 1-	4ACSR	0	0	2275	347	9	0	0	0.00	0.23	0
CO29188+	CO29238	2.18	270 3-	336ACSR	2518	2432	2272	348	1358	30	6	0.01	0.25	22
CO29307+	CO29188	2.25	268 3-	336ACSR	2500	2412	2249	347	1350	30	6	0.01	0.25	10
CO29233+	CO29307	2.44	267 3-	336ACSR	2443	2351	2178	347	1350	30	6	0.02	0.27	32
CO29181+	CO29233	2.63	267 3-	336ACSR	2391	2295	2115	346	1350	30	6	0.02	0.29	30
CO29229+	CO29181	2.67	2 1-	4ACSR	0	0	2092	345	16	1	1	0.00	0.29	0
CO29230+	CO29229	2.74	1 1-	4ACSR	0	0	2050	343	7	0	0	0.00	0.29	0
CO29190+	CO29229	2.70	1 1-	4ACSR	0	0	2074	344	10	0	0	0.00	0.29	0
CO29227+	CO29181	2.80	265 3-	336ACSR	2344	2245	2058	345	1333	29	6	0.02	0.31	28

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29228+	CO29227	3.00	264 3-	336ACSR	2292	2191	1998	344	1330	29	6	0.02	0.32	31
CO29182+	CO29228	3.20	262 3-	336ACSR	2243	2138	1940	343	1327	29	6	0.02	0.34	32
CO29305+	CO29182	3.69	1 1-	4ACSR	0	0	1716	333	5	0	0	0.00	0.35	0
CO29306+	CO29305	3.74	0 1-	4ACSR	0	0	1693	332	0	0	0	0.00	0.35	0
CO29223+	CO29182	3.42	261 3-	336ACSR	2191	2084	1881	342	1322	29	6	0.02	0.36	34
CO29224+	CO29223	3.44	260 3-	336ACSR	2186	2079	1876	342	1313	29	6	0.00	0.37	3
CO29222+	CO29224	3.49	260 3-	336ACSR	2175	2067	1862	342	1313	29	6	0.00	0.37	8
CO29221+	CO29222	3.55	260 3-	336ACSR	2162	2054	1848	342	1313	29	6	0.01	0.38	9
CO29220+	CO29221	3.64	259 3-	336ACSR	2142	2033	1825	341	1302	29	6	0.01	0.38	14
CO29301+	CO29220	3.65	1 1-	6ACWC	0	0	1822	341	4	0	0	0.00	0.38	0
OC909+	CO29301	3.65	1 1-	10 N FUSE	0	0	1822	341	4	0	3	0.00	0.38	0
CO29302+	OC909	3.72	1 1-	6ACWC	0	0	1791	340	4	0	0	0.00	0.38	0
CO29219+	CO29302	4.07	0 1-	6ACWC	0	0	1647	332	0	0	0	0.00	0.38	0
CO29217+	CO29220	3.70	258 3-	336ACSR	2128	2019	1810	341	1298	29	6	0.01	0.39	9
CO29218+	CO29217	3.79	258 3-	336ACSR	2109	1999	1789	341	1298	29	6	0.01	0.40	13
CO29180+	CO29218	3.98	254 3-	336ACSR	2068	1957	1744	340	1290	28	6	0.02	0.42	29
CO29210+	CO29180	4.01	4 1-	4ACSR	0	0	1733	339	10	0	0	0.00	0.42	0
CO29211+	CO29210	4.25	3 1-	4ACSR	0	0	1639	334	4	0	0	0.00	0.42	0
CO29209+	CO29211	4.30	1 1-	4ACSR	0	0	1622	333	2	0	0	0.00	0.42	0
CO29207+	CO29180	4.22	249 3-	336ACSR	2020	1907	1692	339	1277	28	6	0.02	0.44	35
CO29208+	CO29207	4.34	249 3-	336ACSR	1996	1883	1666	338	1277	28	6	0.01	0.45	18
CO30472+	CO29208	4.52	246 3-	336ACSR	1963	1850	1631	337	1253	28	5	0.02	0.46	25
CO26580+	CO30472	4.69	2 1-	1/0CU	0	0	1593	336	10	0	0	0.00	0.46	0
CO26655+	CO30472	4.61	244 3-	336ACSR	1946	1832	1613	337	1243	27	5	0.01	0.47	13
CO26656+	CO26655	4.62	244 3-	336ACSR	1945	1831	1611	337	1243	27	5	0.00	0.47	0
CO26565+	CO26656	4.73	238 3-	336ACSR	1925	1811	1591	336	1222	27	5	0.01	0.48	14
CO26650+	CO26656	4.77	238 3-	336ACSR	1917	1803	1583	336	1222	27	5	0.00	0.49	6
CO26651+	CO26650	4.93	236 3-	336ACSR	1891	1776	1555	335	1219	27	5	0.01	0.50	20
CO26645+	CO26651	5.03	232 3-	336ACSR	1873	1758	1537	335	1189	26	5	0.01	0.51	13
CO26646+	CO26645	5.27	232 3-	336ACSR	1833	1717	1495	334	1189	26	5	0.02	0.53	31
CO26755+	CO26646	5.28	26 1-	4ACSR	0	0	1493	334	126	8	6	0.00	0.53	0
OC822+	CO26755	5.28	26 1-	50 L OCR	0	0	1493	334	126	8	0	0.00	0.53	0
CO26756+	OC822	5.31	26 1-	4ACSR	0	0	1484	333	126	8	6	0.01	0.53	0
CO26657+	CO26756	5.32	26 1-	4ACSR	0	0	1480	333	126	8	6	0.00	0.54	0
CO26658+	CO26657	5.35	24 1-	4ACSR	0	0	1471	332	117	7	6	0.01	0.54	0
XFMR76	CO26658	5.35	24 1-	333 KVA 1PH AUT	0	0	955	174	117	7	34	0.21	0.76	0
CO26659	XFMR76	5.48	24 1-	4ACSR	0	0	928	173	117	15	11	0.09	0.85	16
CO26660	CO26659	5.63	23 1-	4ACSR	0	0	898	171	108	14	10	0.10	0.94	17
CO26664	CO26660	5.75	22 1-	4ACSR	0	0	873	170	97	13	9	0.07	1.01	11
CO26665	CO26664	5.76	22 1-	4ACSR	0	0	871	170	97	13	9	0.01	1.02	0
CO26668	CO26665	5.79	21 1-	2ACSR	0	0	866	170	97	13	7	0.01	1.03	0
CO240497020	CO26668	5.84	1 1-	2ACSR	0	0	857	169	1	0	0	0.00	1.03	0
CO-1266905875	CO26668	5.85	19 1-	2ACSR	0	0	855	169	91	12	7	0.02	1.05	3
CO26669	CO-1266905875	5.93	19 1-	4ACSR	0	0	839	168	91	12	9	0.05	1.10	7
CO26670	CO26669	5.98	19 1-	4ACSR	0	0	830	168	91	12	9	0.03	1.12	4
CO26671	CO26670	6.16	19 1-	4ACSR	0	0	796	166	91	12	9	0.10	1.22	15
CO26581	CO26671	6.22	1 1-	4ACSR	0	0	786	165	5	0	0	0.00	1.22	0
CO26566	CO26671	6.32	8 1-	4ACSR	0	0	767	164	44	5	4	0.04	1.27	3
CO26688	CO26566	6.41	8 1-	4ACSR	0	0	751	163	44	5	4	0.02	1.29	0
CO26689	CO26688	6.62	7 1-	4ACSR	0	0	717	161	40	5	4	0.05	1.34	3
CO876229020	CO26689	6.66	1 1-	2ACSR	0	0	711	161	12	1	1	0.00	1.34	0
CO26690	CO26689	6.66	6 1-	4ACSR	0	0	711	161	28	3	3	0.01	1.34	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26752	CO26690	6.70	5 1-	4ACSR	0	0	704	160	18	2	2	0.00	1.35	0
CO26691	CO26752	6.74	4 1-	4ACSR	0	0	697	160	7	0	1	0.00	1.35	0
CO26692	CO26691	6.87	3 1-	4ACSR	0	0	678	159	7	0	1	0.00	1.35	0
CO26705	CO26692	7.11	3 1-	4ACSR	0	0	644	157	7	0	1	0.01	1.36	0
CO26605	CO26705	7.16	0 1-	2ACSR	0	0	638	156	0	0	0	0.00	1.36	0
CO26706	CO26705	7.17	3 1-	4ACSR	0	0	636	156	7	0	1	0.00	1.37	0
CO26571	CO26706	7.20	3 1-	4ACSR	0	0	631	156	7	0	1	0.00	1.37	0
CO-1342125465	CO26571	7.39	1 1-	2ACSR	0	0	611	154	3	0	0	0.00	1.37	0
CO26600	CO26571	7.27	1 1-	4ACSR	0	0	623	155	4	0	0	0.00	1.37	0
CO26693	CO26571	7.27	1 1-	4ACSR	0	0	622	155	0	0	0	0.00	1.37	0
CO26694	CO26693	7.42	0 1-	4ACSR	0	0	603	154	0	0	0	0.00	1.37	0
CO30570	CO26694	7.46	0 1-	4ACSR	0	0	598	153	0	0	0	0.00	1.37	0
CO30568	CO30570	7.51	0 1-	4ACSR	0	0	593	153	0	0	0	0.00	1.37	0
CO26586	CO26706	7.21	0 1-	4ACSR	0	0	631	156	0	0	0	0.00	1.37	0
CO26684	CO26566	6.46	0 1-	4ACSR	0	0	743	163	0	0	0	0.00	1.27	0
CO26685	CO26684	6.89	0 1-	4ACSR	0	0	675	159	0	0	0	0.00	1.27	0
CO26686	CO26685	6.91	0 1-	4ACSR	0	0	672	158	0	0	0	0.00	1.27	0
CO26687	CO26686	6.97	0 1-	4ACSR	0	0	663	158	0	0	0	0.00	1.27	0
CO26672	CO26671	6.35	10 1-	4ACSR	0	0	761	164	42	5	4	0.04	1.26	3
CO26673	CO26672	6.42	9 1-	4ACSR	0	0	750	163	29	3	3	0.01	1.28	0
CO26764	CO26673	6.74	9 1-	4ACSR	0	0	697	160	29	3	3	0.06	1.33	3
CO26567	CO26764	7.01	3 1-	4ACSR	0	0	657	157	11	1	1	0.02	1.35	0
CO26582	CO26567	7.25	1 1-	4ACSR	0	0	625	155	0	0	0	0.00	1.35	0
CO26570	CO26567	7.34	2 1-	4ACSR	0	0	613	154	10	1	1	0.02	1.37	0
CO26676	CO26570	7.44	1 1-	4ACSR	0	0	600	154	0	0	0	0.00	1.37	0
CO26677	CO26676	7.62	1 1-	4ACSR	0	0	580	152	0	0	0	0.00	1.37	0
CO26678	CO26677	7.73	1 1-	4ACSR	0	0	566	151	0	0	0	0.00	1.37	0
CO26679	CO26678	8.04	1 1-	4ACSR	0	0	534	148	0	0	0	0.00	1.37	0
CO26568	CO26570	7.86	1 1-	4ACSR	0	0	552	150	10	1	1	0.02	1.39	0
CO26674	CO26764	6.83	6 1-	4ACSR	0	0	684	159	18	2	2	0.01	1.34	0
CO26675	CO26674	7.10	6 1-	4ACSR	0	0	645	157	18	2	2	0.03	1.37	0
CO26680	CO26675	7.12	4 1-	4ACSR	0	0	643	156	15	2	1	0.00	1.37	0
CO26584	CO26680	7.20	1 1-	4ACSR	0	0	632	156	3	0	0	0.00	1.37	0
CO26681	CO26680	7.14	3 1-	4ACSR	0	0	640	156	12	1	1	0.00	1.37	0
CO26682	CO26675	7.47	2 1-	4ACSR	0	0	597	153	3	0	0	0.01	1.38	0
CO26683	CO26682	7.55	1 1-	4ACSR	0	0	588	153	3	0	0	0.00	1.38	0
CO26608	CO26682	7.53	1 1-	2ACSR	0	0	591	153	0	0	0	0.00	1.38	0
CO26666	CO26665	5.88	0 1-	4ACSR	0	0	847	169	0	0	0	0.00	1.02	0
CO26667	CO26666	5.99	0 1-	1/0PRIURD	0	0	832	379	0	0	0	0.00	1.02	0
CO26661	CO26660	5.68	1 1-	4ACSR	0	0	886	171	11	1	1	0.00	0.94	0
CO26662	CO26661	5.82	0 1-	4ACSR	0	0	858	169	0	0	0	0.00	0.94	0
CO26663	CO26662	5.87	0 1-	4ACSR	0	0	848	169	0	0	0	0.00	0.94	0
CO26618+	CO26646	5.28	0 3-	1/0ACSR	1830	1715	1493	334	0	0	0	0.00	0.53	0
CO26619+	CO26618	5.39	0 3-	1/0ACSR	1806	1690	1468	333	0	0	0	0.00	0.53	0
CO26754+	CO26619	5.39	0 3-	1/0ACSR	1804	1688	1466	333	0	0	0	0.00	0.53	0
CO26623+	CO26646	5.29	206 3-	336ACSR	1829	1714	1492	334	1063	23	5	0.00	0.53	0
CO-1268480205+	CO26623	5.33	1 1-	2ACSR	0	0	1481	333	7	0	0	0.00	0.53	0
CO26583+	CO26623	5.40	1 1-	4ACSR	0	0	1460	332	3	0	0	0.00	0.53	0
CO26624+	CO26623	5.37	202 3-	336ACSR	1816	1700	1478	333	1037	23	4	0.01	0.54	8
CO26625+	CO26624	5.40	199 3-	336ACSR	1812	1697	1474	333	1018	22	4	0.00	0.54	2
CO26626+	CO26625	5.47	199 3-	336ACSR	1801	1685	1463	333	1018	22	4	0.01	0.54	7
CO26627+	CO26626	5.72	198 3-	336ACSR	1762	1646	1423	332	1014	22	4	0.02	0.56	23

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26628+	CO26627	5.75	198 3-	336ACSR	1757	1641	1418	332	1014	22	4	0.00	0.56	3
CO26629+	CO26628	5.81	198 3-	336ACSR	1748	1633	1410	331	1014	22	4	0.00	0.57	5
CO26630+	CO26629	5.86	198 3-	336ACSR	1742	1626	1403	331	1014	22	4	0.00	0.57	4
CO26631+	CO26630	5.91	198 3-	336ACSR	1734	1619	1396	331	1014	22	4	0.00	0.57	5
CO26632+	CO26631	5.94	197 3-	336ACSR	1729	1614	1391	331	993	22	4	0.00	0.58	3
CO26633+	CO26632	6.00	197 3-	336ACSR	1721	1605	1382	331	993	22	4	0.00	0.58	5
CO26634+	CO26633	6.13	197 3-	336ACSR	1703	1587	1364	330	993	22	4	0.01	0.59	11
CO26635+	CO26634	6.25	197 3-	336ACSR	1685	1570	1347	329	993	22	4	0.01	0.60	11
CO26636+	CO26635	6.31	197 3-	336ACSR	1678	1563	1340	329	993	22	4	0.00	0.60	5
CO26637+	CO26636	6.39	197 3-	336ACSR	1667	1552	1329	329	993	22	4	0.01	0.61	7
CO-1044384885+	CO26637	6.44	1 1-	2ACSR	0	0	1318	328	0	0	0	0.00	0.61	0
CO1851840723+	CO-1044384885	6.49	1 1-	2ACSR	0	0	1309	327	0	0	0	0.00	0.61	0
CO-689689077+	CO1851840723	6.55	1 1-	2ACSR	0	0	1295	326	0	0	0	0.00	0.61	0
CO203042550+	CO-689689077	6.62	1 1-	2ACSR	0	0	1281	325	0	0	0	0.00	0.61	0
CO26638+	CO26637	6.43	196 3-	336ACSR	1662	1547	1324	329	993	22	4	0.00	0.61	3
CO26639+	CO26638	6.48	196 3-	336ACSR	1655	1540	1317	328	993	22	4	0.00	0.61	5
CO26640+	CO26639	6.55	196 3-	336ACSR	1645	1530	1308	328	993	22	4	0.00	0.62	6
CO26641+	CO26640	6.61	196 3-	336ACSR	1638	1523	1301	328	993	22	4	0.00	0.62	5
CO26642+	CO26641	6.66	196 3-	336ACSR	1630	1516	1294	328	993	22	4	0.00	0.63	5
CO26643+	CO26642	6.73	196 3-	336ACSR	1622	1508	1286	327	993	22	4	0.00	0.63	5
CO26644+	CO26643	6.79	196 3-	336ACSR	1615	1500	1279	327	993	22	4	0.00	0.64	5
CO30382+	CO26644	7.05	196 3-	336ACSR	1582	1468	1247	326	993	22	4	0.02	0.65	23
CO26156+	CO30382	7.10	0 1-	1/0ACSR	0	0	1239	325	0	0	0	0.00	0.65	0
CO26243+	CO30382	7.17	196 3-	336ACSR	1567	1453	1233	325	993	22	4	0.01	0.66	11
CO26244+	CO26243	7.25	196 3-	336ACSR	1558	1445	1225	325	992	22	4	0.01	0.67	7
CO26242+	CO26244	7.40	196 3-	336ACSR	1540	1427	1207	324	992	22	4	0.01	0.68	14
CO26241+	CO26242	7.49	196 3-	336ACSR	1530	1417	1198	324	992	22	4	0.01	0.68	8
CO26191+	CO26241	7.55	1 1-	2ACSR	0	0	1188	323	4	0	0	0.00	0.68	0
CO26240+	CO26241	7.52	195 3-	336ACSR	1526	1413	1194	324	988	22	4	0.00	0.69	3
CO26239+	CO26240	7.76	194 3-	336ACSR	1500	1387	1170	323	988	22	4	0.02	0.70	21
CO26228+	CO26239	7.78	3 3-	336ACSR	1497	1385	1168	322	21	0	0	0.00	0.70	0
CO26229+	CO26228	7.83	3 3-	336ACSR	1492	1380	1163	322	21	0	0	0.00	0.70	0
CO26226+	CO26229	7.88	3 2-	4ACSR	0	1369	1154	321	21	0	1	0.00	0.70	0
CO26227+	CO26226	7.95	2 2-	4ACSR	0	1352	1140	320	21	0	0	0.00	0.71	0
CO26225+	CO26227	7.99	2 2-	4ACSR	0	1346	1133	319	21	0	0	0.00	0.71	0
CO26324+	CO26229	7.84	0 3-	1/0ACSR	1491	1379	1162	322	0	0	0	0.00	0.70	0
SW178-A+	CO26324	7.84	0 3-	Open	1491	1379	1162	322	0	0	0	0.00	0.70	0
CO26230+	CO26239	7.78	191 3-	4/0ACSR	1498	1385	1168	322	967	21	6	0.00	0.71	0
CO26231+	CO26230	7.92	188 3-	4/0ACSR	1479	1367	1151	322	963	21	6	0.01	0.72	19
CO26232+	CO26231	8.07	188 3-	4/0ACSR	1459	1348	1133	321	963	21	6	0.02	0.74	21
CO26326+	CO26232	8.08	2 1-	4/0ACSR	0	0	1132	321	8	0	0	0.00	0.74	0
OC802+	CO26326	8.08	2 1-	10 N FUSE	0	0	1132	321	8	0	5	0.00	0.74	0
CO26327+	OC802	8.10	2 1-	4/0ACSR	0	0	1129	320	8	0	0	0.00	0.74	0
CO26233+	CO26327	8.34	1 1-	4/0ACSR	0	0	1104	319	3	0	0	0.00	0.74	0
CO26234+	CO26233	8.37	1 1-	4/0ACSR	0	0	1100	319	3	0	0	0.00	0.74	0
CO26235+	CO26234	8.64	1 1-	4/0ACSR	0	0	1072	317	3	0	0	0.00	0.74	0
CO26236+	CO26235	9.09	0 1-	4/0ACSR	0	0	1028	314	0	0	0	0.00	0.74	0
CO26237+	CO26236	9.23	0 1-	4/0ACSR	0	0	1015	313	0	0	0	0.00	0.74	0
CO26238+	CO26237	9.33	0 1-	4/0ACSR	0	0	1006	313	0	0	0	0.00	0.74	0
CO26322+	CO26232	8.08	186 3-	4/0ACSR	1458	1347	1132	321	955	21	6	0.00	0.74	0
CO26323+	CO26322	8.22	186 3-	4/0ACSR	1441	1330	1116	320	955	21	6	0.01	0.75	18
CO26158+	CO26323	8.26	1 1-	1/0CU	0	0	1112	319	8	0	0	0.00	0.75	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26131+	CO26323	8.32	185 3-	4/0ACSR	1428	1317	1105	319	947	21	6	0.01	0.76	14
CO26245+	CO26131	8.43	183 3-	4/0ACSR	1414	1304	1093	318	941	21	6	0.01	0.77	14
CO26246+	CO26245	8.52	183 3-	4/0ACSR	1404	1294	1084	318	941	21	6	0.01	0.78	11
CO26250+	CO26246	8.56	178 3-	4/0ACSR	1400	1290	1080	318	916	20	6	0.00	0.78	4
CO26251+	CO26250	8.78	178 3-	4/0ACSR	1374	1265	1057	316	916	20	6	0.02	0.80	27
CO26160+	CO26251	8.82	1 1-	1/0CU	0	0	1053	316	7	0	0	0.00	0.80	0
CO26252+	CO26251	8.83	177 3-	4/0ACSR	1368	1260	1052	316	909	20	6	0.00	0.81	6
CO26253+	CO26252	8.92	176 3-	4/0ACSR	1358	1250	1044	315	898	20	6	0.01	0.82	10
CO26194+	CO26253	8.97	1 1-	2ACSR	0	0	1037	315	8	0	0	0.00	0.82	0
CO26254+	CO26253	8.98	174 3-	4/0ACSR	1351	1243	1037	315	889	19	6	0.01	0.82	7
CO26132+	CO26254	9.05	172 3-	4/0ACSR	1344	1236	1031	315	883	19	6	0.01	0.83	7
CO26348+	CO26132	9.29	171 3-	4/0ACSR	1318	1213	1008	313	871	19	6	0.02	0.85	27
CO26255+	CO26348	9.33	0 1-	4/0ACSR	0	0	1005	313	0	0	0	0.00	0.85	0
CO30578+	CO26255	9.38	0 1-	4/0ACSR	0	0	1001	312	0	0	0	0.00	0.85	0
CO26256+	CO30578	9.42	0 1-	4/0ACSR	0	0	997	312	0	0	0	0.00	0.85	0
CO26257+	CO26348	9.38	171 3-	4/0ACSR	1309	1205	1000	312	871	19	6	0.01	0.86	9
CO26258+	CO26257	9.49	171 3-	4/0ACSR	1298	1195	991	312	870	19	6	0.01	0.87	12
CO26140+	CO26258	9.78	110 3-	1/0ACSR	1263	1163	961	309	563	12	6	0.03	0.90	27
#SW810-B+	CO26140	9.78	0 3-	Open	1263	1163	961	309	0	0	0	0.00	0.90	0
CO26142+	CO26140	9.93	109 3-	2ACSR	1241	1145	943	307	559	12	7	0.03	0.93	23
CO26332+	CO26142	9.94	108 3-	2ACSR	1240	1144	942	307	553	12	7	0.00	0.93	0
OC809+	CO26332	9.94	108 3-	100 E OCR	1240	1144	942	307	553	12	12	0.00	0.93	0
CO26333+	OC809	10.04	108 3-	2ACSR	1227	1132	931	306	553	12	7	0.02	0.94	14
CO26263+	CO26333	10.13	108 3-	2ACSR	1216	1122	921	304	552	12	7	0.01	0.96	12
CO26265+	CO26263	10.14	0 1-	2ACSR	0	0	921	304	0	0	0	0.00	0.96	0
CO26264+	CO26265	10.16	0 1-	2ACSR	0	0	919	304	0	0	0	0.00	0.96	0
CO26155+	CO26263	10.37	107 3-	2ACSR	1185	1096	896	301	543	12	7	0.04	0.99	32
CO26170+	CO26155	10.47	1 1-	2ACSR	0	0	886	300	14	0	1	0.00	1.00	0
CO26266+	CO26155	10.56	106 3-	2ACSR	1161	1075	877	299	529	11	7	0.03	1.02	25
CO26267+	CO26266	10.75	105 3-	2ACSR	1138	1055	858	297	520	11	7	0.03	1.05	24
CO26268+	CO26267	10.81	104 3-	2ACSR	1132	1050	853	296	519	11	7	0.01	1.06	7
CO26273+	CO26268	10.97	6 1-	6ACWC	0	0	834	293	34	2	2	0.01	1.07	0
CO26274+	CO26273	11.03	4 1-	6ACWC	0	0	828	292	24	1	1	0.00	1.07	0
CO26275+	CO26274	11.09	4 1-	6ACWC	0	0	822	291	24	1	1	0.00	1.07	0
CO26276+	CO26275	11.43	4 1-	6ACWC	0	0	786	286	24	1	1	0.01	1.08	0
CO134724805+	CO26276	11.47	1 1-	6ACWC	0	0	783	285	7	0	0	0.00	1.08	0
CO26277+	CO26276	11.57	2 1-	6ACWC	0	0	773	284	15	0	1	0.00	1.09	0
CO26278+	CO26277	11.72	1 1-	6ACWC	0	0	758	281	15	0	1	0.00	1.09	0
CO26143+	CO26268	10.97	98 3-	2ACSR	1113	1033	838	294	485	10	6	0.02	1.08	17
CO26269+	CO26143	11.03	5 1-	2ACSR	0	0	832	293	23	1	1	0.00	1.08	0
CO26270+	CO26269	11.12	4 1-	2ACSR	0	0	824	292	18	1	1	0.00	1.09	0
CO26271+	CO26270	11.20	3 1-	2ACSR	0	0	817	291	14	0	1	0.00	1.09	0
CO26272+	CO26271	11.23	2 1-	2ACSR	0	0	814	291	4	0	0	0.00	1.09	0
CO26144+	CO26143	11.12	93 3-	2ACSR	1096	1018	824	292	462	10	6	0.02	1.10	15
CO26338+	CO26144	11.12	2 1-	2ACSR	0	0	823	292	21	1	1	0.00	1.10	0
OC799+	CO26338	11.12	2 1-	10 N FUSE	0	0	823	292	21	1	14	0.00	1.10	0
CO26339+	OC799	11.18	2 1-	2ACSR	0	0	819	292	21	1	1	0.00	1.10	0
CO26281+	CO26339	11.23	2 1-	2ACSR	0	0	815	291	21	1	1	0.00	1.11	0
CO26349+	CO26281	11.52	1 1-	2ACSR	0	0	789	288	14	0	1	0.00	1.11	0
CO26197+	CO26281	11.29	1 1-	2ACSR	0	0	809	290	7	0	0	0.00	1.11	0
CO26279+	CO26144	11.14	2 1-	2ACSR	0	0	822	292	5	0	0	0.00	1.10	0
CO26280+	CO26279	11.19	1 1-	2ACSR	0	0	818	291	2	0	0	0.00	1.10	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26282+	CO26144	11.16	89 3-	2ACSR	1091	1015	821	292	435	9	5	0.00	1.11	3
CO26283+	CO26282	11.31	89 3-	2ACSR	1074	999	807	290	435	9	5	0.02	1.13	14
CO26289+	CO26283	11.57	82 3-	2ACSR	1047	976	785	287	421	9	5	0.03	1.16	20
CO26350+	CO26289	11.72	80 3-	2ACSR	1031	962	773	285	404	9	5	0.02	1.18	11
CO26341+	CO26350	11.72	3 1-	6ACWC	0	0	773	285	23	1	1	0.00	1.18	0
OC800+	CO26341	11.72	3 1-	10 N FUSE	0	0	773	285	23	1	15	0.00	1.18	0
CO26342+	OC800	12.07	3 1-	6ACWC	0	0	741	280	23	1	1	0.01	1.19	0
CO26291+	CO26342	12.11	3 1-	6ACWC	0	0	737	279	23	1	1	0.00	1.19	0
CO26292+	CO26291	12.18	2 1-	6ACWC	0	0	731	278	23	1	1	0.00	1.19	0
CO26295+	CO26292	12.20	1 1-	6ACWC	0	0	729	278	16	1	1	0.00	1.19	0
CO26296+	CO26295	12.29	1 1-	6ACWC	0	0	721	277	16	1	1	0.00	1.19	0
CO26297+	CO26296	12.36	1 1-	6ACWC	0	0	715	276	16	1	1	0.00	1.20	0
CO26298+	CO26297	12.40	1 1-	6ACWC	0	0	711	275	16	1	1	0.00	1.20	0
CO26299+	CO26298	12.47	1 1-	6ACWC	0	0	706	274	16	1	1	0.00	1.20	0
CO26293+	CO26292	12.21	1 1-	6ACWC	0	0	728	278	6	0	0	0.00	1.19	0
CO26294+	CO26293	12.28	1 1-	6ACWC	0	0	722	277	6	0	0	0.00	1.19	0
CO26340+	CO26350	11.72	6 1-	4ACSR	0	0	773	285	22	1	1	0.00	1.18	0
OC801+	CO26340	11.72	6 1-	10 N FUSE	0	0	773	285	22	1	15	0.00	1.18	0
CO26351+	OC801	11.76	6 1-	4ACSR	0	0	769	285	22	1	1	0.00	1.18	0
CO30604+	CO26351	11.94	6 1-	4ACSR	0	0	752	282	22	1	1	0.01	1.18	0
CO16530+	CO30604	12.03	2 1-	4ACSR	0	0	744	280	4	0	0	0.00	1.18	0
CO16504+	CO30604	12.03	4 1-	4ACSR	0	0	744	280	17	1	1	0.00	1.19	0
CO16503+	CO16504	12.34	3 1-	4ACSR	0	0	716	276	14	0	1	0.01	1.19	0
CO16529+	CO16503	12.42	1 1-	4ACSR	0	0	710	275	10	0	0	0.00	1.19	0
CO16564+	CO16503	12.38	1 1-	4ACSR	0	0	713	275	3	0	0	0.00	1.19	0
CO16565+	CO16564	12.42	1 1-	4ACSR	0	0	710	275	3	0	0	0.00	1.19	0
CO16566+	CO16565	12.47	0 1-	4ACSR	0	0	705	274	0	0	0	0.00	1.19	0
CO16567+	CO16566	12.59	0 1-	4ACSR	0	0	695	272	0	0	0	0.00	1.19	0
CO30605+	CO16504	12.15	1 1-	6ACSR	0	0	731	278	4	0	0	0.00	1.19	0
CO26300+	CO26351	11.81	0 1-	4ACSR	0	0	764	284	0	0	0	0.00	1.18	0
CO26301+	CO26300	11.83	0 1-	4ACSR	0	0	762	283	0	0	0	0.00	1.18	0
CO26290+	CO26350	11.82	71 3-	2ACSR	1021	953	765	284	360	8	5	0.01	1.19	6
CO30603+	CO26290	12.08	71 3-	2ACSR	995	930	745	281	360	8	5	0.03	1.21	16
CO16568+	CO30603	12.11	70 3-	2ACSR	992	927	743	281	360	8	5	0.00	1.22	0
CO16496+	CO16568	12.14	70 3-	2ACSR	989	925	740	281	360	8	5	0.00	1.22	0
CO16571+	CO16496	12.39	70 3-	2ACSR	966	904	723	278	360	8	5	0.03	1.25	15
CO16572+	CO16571	12.63	70 3-	2ACSR	944	885	706	275	360	8	5	0.02	1.27	14
CO16499+	CO16572	12.73	67 3-	2ACSR	935	877	699	274	352	7	4	0.01	1.28	6
CO16712+	CO16499	12.74	0 1-	2ACSR	0	0	699	274	0	0	0	0.00	1.28	0
CO16500+	CO16499	12.94	66 3-	2ACSR	917	861	685	272	349	7	4	0.02	1.30	12
CO16542+	CO16500	12.97	2 1-	4ACSR	0	0	683	272	9	0	0	0.00	1.30	0
CO16497+	CO16500	13.17	54 3-	2ACSR	898	844	671	270	293	6	4	0.02	1.32	9
CO30659+	CO16497	13.26	1 1-	2ACSR	0	0	665	269	0	0	0	0.00	1.32	0
CO16583+	CO30659	13.34	1 1-	2ACSR	0	0	661	268	0	0	0	0.00	1.32	0
CO16584+	CO16583	13.37	1 1-	2ACSR	0	0	658	268	0	0	0	0.00	1.32	0
CO16581+	CO30659	13.29	0 1-	2ACSR	0	0	663	268	0	0	0	0.00	1.32	0
CO16536+	CO30659	13.37	0 1-	2ACSR	0	0	659	268	0	0	0	0.00	1.32	0
CO16585+	CO16497	13.24	52 3-	4ACSR	891	838	665	269	288	6	5	0.01	1.33	4
CO16586+	CO16585	13.43	51 3-	4ACSR	872	821	651	266	287	6	5	0.02	1.35	11
CO16587+	CO16586	13.50	49 3-	4ACSR	864	815	646	265	272	6	4	0.01	1.36	4
CO16588+	CO16587	13.60	48 3-	4ACSR	855	807	639	264	272	6	4	0.01	1.37	5
CO16591+	CO16588	13.69	0 1-	2ACSR	0	0	634	263	0	0	0	0.00	1.37	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16589+	CO16588	13.69	46 3-	4ACSR	847	800	633	262	269	6	4	0.01	1.38	5
CO16590+	CO16589	13.76	45 3-	4ACSR	839	793	628	261	269	6	4	0.01	1.39	4
CO16537+	CO16590	13.80	1 1-	2ACSR	0	0	626	261	4	0	0	0.00	1.39	0
CO16593+	CO16590	13.81	44 3-	4ACSR	835	789	625	261	264	5	4	0.01	1.40	3
CO16594+	CO16593	13.83	44 3-	4ACSR	833	788	624	261	264	5	4	0.00	1.40	0
CO16476+	CO16594	14.00	44 3-	4ACSR	817	774	612	258	264	5	4	0.02	1.42	9
CO16477+	CO16476	14.20	4 3-	2ACSR	804	762	602	256	44	0	1	0.00	1.42	0
CO16596+	CO16477	14.24	1 1-	2ACSR	0	0	600	256	14	0	1	0.00	1.42	0
CO16595+	CO16477	14.27	1 1-	2ACSR	0	0	598	256	11	0	0	0.00	1.42	0
CO16505+	CO16477	14.23	2 3-	2ACSR	801	760	600	256	19	0	0	0.00	1.42	0
CO16714+	CO16505	14.26	0 3-	2ACSR	800	758	599	256	0	0	0	0.00	1.42	0
#SW506-B+	CO16714	14.26	0 3-	Open	800	758	599	256	0	0	0	0.00	1.42	0
CO16597+	CO16505	14.27	2 2-	2ACSR	0	757	598	256	19	0	0	0.00	1.42	0
CO16598+	CO16597	14.28	2 2-	2ACSR	0	757	598	256	19	0	0	0.00	1.42	0
XFMR90	CO16476	14.00	39 1-	333 KVA 1PH AUT	0	0	677	163	217	14	64	0.43	1.85	0
CO16478	XFMR90	14.14	39 1-	4ACSR	0	0	659	162	217	29	21	0.17	2.02	60
CO16708	CO16478	14.14	36 1-	4ACSR	0	0	659	162	198	26	19	0.01	2.03	3
OC511	CO16708	14.14	36 1-	50 L OCR	0	0	659	162	198	26	0	0.00	2.03	0
CO16709	OC511	14.27	36 1-	4ACSR	0	0	642	160	198	26	19	0.16	2.19	51
CO16601	CO16709	14.33	34 1-	4ACSR	0	0	634	160	197	26	19	0.07	2.26	23
CO16602	CO16601	14.48	34 1-	4ACSR	0	0	617	158	197	26	19	0.18	2.44	57
CO-523972417	CO16602	14.52	2 1-	2ACSR	0	0	613	158	12	1	1	0.00	2.44	0
CO16603	CO16602	14.57	31 1-	4ACSR	0	0	606	157	184	25	18	0.10	2.54	31
CO16604	CO16603	14.74	31 1-	4ACSR	0	0	587	156	184	25	18	0.18	2.72	53
CO16508	CO16604	14.83	1 1-	4ACSR	0	0	577	155	4	0	0	0.00	2.72	0
CO16480	CO16604	14.88	28 1-	4ACSR	0	0	572	155	160	21	16	0.12	2.84	30
CO16479	CO16480	15.01	7 1-	4ACSR	0	0	558	153	31	4	3	0.03	2.87	0
CO16608	CO16479	15.40	2 1-	4ACSR	0	0	520	150	0	0	0	0.00	2.87	0
CO16609	CO16608	15.44	1 1-	4ACSR	0	0	517	150	0	0	0	0.00	2.87	0
CO16605	CO16479	15.07	4 1-	4ACSR	0	0	552	153	31	4	3	0.01	2.88	0
CO16606	CO16605	15.11	2 1-	4ACSR	0	0	548	152	15	2	2	0.00	2.88	0
CO16607	CO16606	15.14	1 1-	4ACSR	0	0	545	152	8	1	1	0.00	2.88	0
CO16613	CO16480	14.93	18 1-	4ACSR	0	0	567	154	109	14	11	0.03	2.87	6
CO16614	CO16613	14.97	17 1-	4ACSR	0	0	562	154	100	13	10	0.03	2.90	4
CO16509	CO16614	15.02	3 1-	4ACSR	0	0	557	153	21	2	2	0.00	2.90	0
CO16615	CO16614	15.02	13 1-	4ACSR	0	0	557	153	79	10	8	0.03	2.93	3
CO16543	CO16615	15.05	1 1-	2ACSR	0	0	555	153	13	1	1	0.00	2.93	0
CO16616	CO16615	15.08	12 1-	4ACSR	0	0	551	153	66	9	6	0.02	2.95	0
CO16494	CO16616	15.16	9 1-	4ACSR	0	0	544	152	34	4	3	0.02	2.96	0
CO16621	CO16494	15.25	6 1-	4ACSR	0	0	534	151	30	4	3	0.02	2.98	0
CO16622	CO16621	15.38	6 1-	4ACSR	0	0	522	150	30	4	3	0.02	3.00	0
CO16620	CO16622	15.41	3 1-	4ACSR	0	0	519	150	23	3	2	0.00	3.00	0
CO16619	CO16620	15.44	2 1-	4ACSR	0	0	516	149	12	1	1	0.00	3.01	0
CO16706	CO16619	15.47	0 1-	4ACSR	0	0	514	149	0	0	0	0.00	3.01	0
SW513-B	CO16706	15.47	0 1-	Open	0	0	514	149	0	0	0	0.00	3.01	0
CO16612	CO16494	15.21	3 1-	4ACSR	0	0	539	152	4	0	0	0.00	2.96	0
CO16617	CO16612	15.37	2 1-	4ACSR	0	0	523	150	1	0	0	0.00	2.96	0
CO16618	CO16617	15.48	1 1-	4ACSR	0	0	513	149	0	0	0	0.00	2.96	0
CO16610	CO16616	15.13	1 1-	4ACSR	0	0	546	152	13	1	1	0.00	2.95	0
CO16611	CO16610	15.15	1 1-	4ACSR	0	0	544	152	13	1	1	0.00	2.95	0
CO16507	CO16478	14.19	2 1-	4ACSR	0	0	652	161	5	0	0	0.00	2.02	0
CO16710+	CO16500	12.95	10 1-	4ACSR	0	0	685	272	46	3	2	0.00	1.30	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC507+	CO16710	12.95	10 1-	10 N FUSE	0	0	685	272	46	3	31	0.00	1.30	0
CO16711+	OC507	13.07	10 1-	4ACSR	0	0	675	270	46	3	2	0.01	1.31	0
CO16535+	CO16711	13.21	2 1-	4ACSR	0	0	665	268	11	0	1	0.00	1.31	0
CO16534+	CO16711	13.13	1 1-	4ACSR	0	0	670	269	7	0	0	0.00	1.31	0
CO16579+	CO16711	13.23	7 1-	4ACSR	0	0	663	268	28	1	1	0.01	1.32	0
CO16580+	CO16579	13.36	6 1-	4ACSR	0	0	653	266	22	1	1	0.00	1.32	0
CO16498+	CO16580	13.38	5 1-	4ACSR	0	0	652	266	22	1	1	0.00	1.32	0
CO16532+	CO16498	13.42	2 1-	4ACSR	0	0	649	265	12	0	1	0.00	1.32	0
CO16577+	CO16498	13.55	3 1-	4ACSR	0	0	639	263	10	0	0	0.00	1.32	0
CO16578+	CO16577	13.63	1 1-	4ACSR	0	0	634	262	2	0	0	0.00	1.32	0
CO16533+	CO16580	13.43	1 1-	4ACSR	0	0	649	265	1	0	0	0.00	1.32	0
CO16531+	CO16499	12.76	1 1-	2ACSR	0	0	697	274	4	0	0	0.00	1.28	0
CO16575+	CO16572	12.73	3 1-	2ACSR	0	0	699	274	8	0	0	0.00	1.27	0
CO16576+	CO16575	12.79	2 1-	2ACSR	0	0	695	274	7	0	0	0.00	1.27	0
CO16573+	CO16576	12.82	1 1-	2ACSR	0	0	693	273	1	0	0	0.00	1.27	0
CO16574+	CO16573	12.84	1 1-	2ACSR	0	0	692	273	1	0	0	0.00	1.27	0
CO16569+	CO16496	12.20	0 1-	2ACSR	0	0	736	280	0	0	0	0.00	1.22	0
CO16570+	CO16569	12.28	0 1-	2ACSR	0	0	730	279	0	0	0	0.00	1.22	0
CO26284+	CO26283	11.39	5 1-	2ACSR	0	0	801	289	5	0	0	0.00	1.13	0
CO26285+	CO26284	11.40	2 1-	2ACSR	0	0	799	289	5	0	0	0.00	1.13	0
CO26286+	CO26285	11.45	2 1-	2ACSR	0	0	795	288	5	0	0	0.00	1.13	0
CO26287+	CO26286	11.48	2 1-	2ACSR	0	0	793	288	5	0	0	0.00	1.13	0
CO26288+	CO26287	11.57	1 1-	2ACSR	0	0	785	287	0	0	0	0.00	1.13	0
CO26171+	CO26142	9.97	1 1-	2ACSR	0	0	939	307	7	0	0	0.00	0.93	0
CO26328+	CO26258	9.49	61 1-	4ACSR	0	0	990	312	307	20	15	0.00	0.87	0
OC804+	CO26328	9.49	61 1-	100 E OCR	0	0	990	312	307	20	21	0.00	0.87	0
CO26329+	OC804	9.53	61 1-	4ACSR	0	0	984	311	307	20	15	0.02	0.89	10
CO26141+	CO26329	9.63	56 1-	4ACSR	0	0	970	309	280	18	13	0.04	0.93	19
CO26261+	CO26141	9.70	55 1-	4ACSR	0	0	960	308	277	18	13	0.03	0.96	13
CO26196+	CO26261	9.73	3 1-	2ACSR	0	0	957	307	16	1	1	0.00	0.96	0
CO-119765834+	CO26196	9.97	1 1-	1/0PRIURD	0	0	936	584	14	0	1	0.00	0.96	0
CO26262+	CO26261	9.84	51 1-	4ACSR	0	0	942	305	261	17	13	0.05	1.02	22
CO30380+	CO26262	9.93	51 1-	4ACSR	0	0	930	304	260	17	13	0.04	1.05	16
CO26702+	CO30380	10.06	51 1-	4ACSR	0	0	913	301	260	17	13	0.05	1.10	21
CO26587+	CO26702	10.14	1 1-	4ACSR	0	0	903	300	18	1	1	0.00	1.10	0
CO26696+	CO26702	10.37	49 1-	4ACSR	0	0	874	296	242	16	12	0.11	1.22	44
CO26697+	CO26696	10.45	48 1-	4ACSR	0	0	865	295	239	16	12	0.03	1.24	11
CO26572+	CO26697	10.53	45 1-	4ACSR	0	0	855	293	234	15	11	0.03	1.27	11
CO26703+	CO26572	10.56	1 1-	4ACSR	0	0	852	293	0	0	0	0.00	1.27	0
CO26704+	CO26703	10.64	0 1-	4ACSR	0	0	842	291	0	0	0	0.00	1.27	0
CO26573+	CO26572	10.64	44 1-	4ACSR	0	0	842	291	234	15	11	0.04	1.31	15
CO-316959381+	CO26573	10.77	1 1-	2ACSR	0	0	831	290	3	0	0	0.00	1.31	0
CO26588+	CO26573	10.71	1 1-	4ACSR	0	0	834	290	7	0	0	0.00	1.31	0
CO26707+	CO26573	10.69	42 1-	4ACSR	0	0	837	291	224	15	11	0.02	1.33	6
CO26708+	CO26707	10.72	41 1-	4ACSR	0	0	834	290	222	15	11	0.01	1.34	3
CO26700+	CO26708	10.80	2 1-	4ACSR	0	0	825	289	11	0	1	0.00	1.34	0
CO26701+	CO26700	10.87	1 1-	4ACSR	0	0	817	288	10	0	1	0.00	1.34	0
CO26709+	CO26708	11.03	38 1-	4ACSR	0	0	799	285	211	14	10	0.10	1.44	33
CO26710+	CO26709	11.05	36 1-	4ACSR	0	0	797	285	198	13	10	0.01	1.44	0
CO26711+	CO26710	11.10	35 1-	4ACSR	0	0	793	284	198	13	10	0.01	1.45	4
CO26589+	CO26711	11.18	1 1-	4ACSR	0	0	784	283	5	0	0	0.00	1.45	0
CO26712+	CO26711	11.14	34 1-	4ACSR	0	0	788	283	194	13	9	0.01	1.47	4

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26713+	CO26712	11.21	34 1-	4ACSR	0	0	780	282	194	13	9	0.02	1.49	7
CO26574+	CO26713	11.26	32 1-	4ACSR	0	0	775	281	184	12	9	0.01	1.50	4
CO26575+	CO26574	11.38	30 1-	4ACSR	0	0	763	280	173	11	8	0.03	1.53	9
CO26603+	CO26575	11.42	4 1-	4ACSR	0	0	760	279	26	1	1	0.00	1.53	0
CO26578+	CO26575	11.44	26 1-	4ACSR	0	0	758	279	147	9	7	0.01	1.55	3
CO26596+	CO26578	11.51	2 1-	4ACSR	0	0	751	278	4	0	0	0.00	1.55	0
CO1846003127+	CO26596	11.58	1 1-	2ACSR	0	0	745	277	1	0	0	0.00	1.55	0
CO26714+	CO26578	11.49	24 1-	4ACSR	0	0	753	278	143	9	7	0.01	1.56	2
CO26715+	CO26714	11.54	24 1-	4ACSR	0	0	749	277	143	9	7	0.01	1.57	3
CO26594+	CO26715	11.58	1 1-	4ACSR	0	0	744	277	4	0	0	0.00	1.57	0
CO26719+	CO26715	11.57	8 1-	4ACSR	0	0	745	277	34	2	2	0.00	1.57	0
CO26720+	CO26719	11.63	6 1-	4ACSR	0	0	740	276	26	1	1	0.00	1.57	0
CO26721+	CO26720	11.73	2 1-	4ACSR	0	0	730	274	16	1	1	0.00	1.57	0
CO26722+	CO26721	11.76	0 1-	4ACSR	0	0	727	274	0	0	0	0.00	1.57	0
CO26716+	CO26715	11.57	15 1-	4ACSR	0	0	745	277	105	7	5	0.01	1.57	0
CO26717+	CO26716	11.64	13 1-	4ACSR	0	0	739	276	102	6	5	0.01	1.58	0
CO26718+	CO26717	11.69	13 1-	4ACSR	0	0	734	275	102	6	5	0.01	1.59	0
CO26595+	CO26718	11.74	1 1-	4ACSR	0	0	730	274	4	0	0	0.00	1.59	0
CO26750+	CO26718	11.73	12 1-	4ACSR	0	0	731	274	98	6	5	0.00	1.60	0
CO26751+	CO26750	11.76	11 1-	4ACSR	0	0	728	274	89	6	4	0.00	1.60	0
CO26723+	CO26751	11.81	3 1-	4ACSR	0	0	723	273	34	2	2	0.00	1.60	0
CO26724+	CO26723	11.81	3 1-	4ACSR	0	0	723	273	34	2	2	0.00	1.60	0
CO26725+	CO26724	11.83	2 1-	4ACSR	0	0	721	273	22	1	1	0.00	1.60	0
CO26726+	CO26725	11.85	1 1-	4ACSR	0	0	719	273	12	0	1	0.00	1.60	0
CO26727+	CO26751	11.78	7 1-	4ACSR	0	0	726	274	47	3	2	0.00	1.60	0
CO26728+	CO26727	11.82	7 1-	4ACSR	0	0	722	273	47	3	2	0.00	1.60	0
CO26576+	CO26728	11.86	3 1-	4ACSR	0	0	719	272	16	1	1	0.00	1.61	0
CO26731+	CO26576	11.91	2 1-	4ACSR	0	0	714	272	7	0	0	0.00	1.61	0
CO26732+	CO26731	12.06	0 1-	4ACSR	0	0	701	269	0	0	0	0.00	1.61	0
CO26593+	CO26576	11.91	1 1-	4ACSR	0	0	714	272	9	0	0	0.00	1.61	0
CO26729+	CO26728	11.85	2 1-	4ACSR	0	0	720	273	11	0	1	0.00	1.60	0
CO26730+	CO26729	11.88	0 1-	4ACSR	0	0	717	272	0	0	0	0.00	1.60	0
CO26745+	CO26578	11.75	0 1-	4ACSR	0	0	729	274	0	0	0	0.00	1.55	0
CO1364740992+	CO26745	11.88	0 1-	2ACSR	0	0	720	273	0	0	0	0.00	1.55	0
CO26592+	CO26574	11.33	1 1-	4ACSR	0	0	768	280	11	0	1	0.00	1.50	0
CO26590+	CO26574	11.36	1 1-	4ACSR	0	0	766	280	0	0	0	0.00	1.50	0
CO26591+	CO26713	11.25	2 1-	4ACSR	0	0	776	282	9	0	0	0.00	1.49	0
CO26604+	CO26591	11.34	1 1-	4ACSR	0	0	768	280	0	0	0	0.00	1.49	0
CO26698+	CO26697	10.82	2 1-	4ACSR	0	0	823	288	0	0	0	0.00	1.24	0
CO26699+	CO26698	11.06	1 1-	4ACSR	0	0	796	285	0	0	0	0.00	1.24	0
CO26173+	CO26262	10.02	0 1-	4ACSR	0	0	919	302	0	0	0	0.00	1.02	0
CO26172+	CO26141	9.67	1 1-	4ACSR	0	0	965	308	4	0	0	0.00	0.93	0
CO26259+	CO26329	9.63	5 1-	4ACSR	0	0	970	309	27	1	1	0.00	0.90	0
CO26260+	CO26259	9.72	3 1-	4ACSR	0	0	958	307	12	0	1	0.00	0.90	0
CO30384+	CO26260	9.89	3 1-	4ACSR	0	0	935	304	12	0	1	0.00	0.90	0
CO26695+	CO30384	10.01	2 1-	4ACSR	0	0	920	302	3	0	0	0.00	0.90	0
CO30571+	CO26695	10.04	0 1-	4ACSR	0	0	915	302	0	0	0	0.00	0.90	0
CO26607+	CO30384	9.93	1 1-	2ACSR	0	0	931	304	8	0	0	0.00	0.90	0
CO26162+	CO26132	9.09	1 1-	1/0CU	0	0	1027	314	12	0	0	0.00	0.83	0
CO26161+	CO26254	9.02	1 1-	1/0CU	0	0	1034	315	2	0	0	0.00	0.82	0
CO26247+	CO26246	8.58	4 1-	1/0CU	0	0	1077	317	13	0	0	0.00	0.78	0
CO26248+	CO26247	8.61	2 1-	1/0CU	0	0	1074	317	11	0	0	0.00	0.78	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26249+	CO26248	8.66	0 1-	1/0CU	0	0	1069	317	0	0	0	0.00	0.78	0
CO26159+	CO26131	8.37	2 1-	1/0CU	0	0	1100	319	6	0	0	0.00	0.76	0
CO26157+	CO26230	7.88	3 1-	1/0CU	0	0	1156	322	4	0	0	0.00	0.71	0
CO26585+	CO26624	5.42	2 1-	4ACSR	0	0	1464	332	8	0	0	0.00	0.54	0
CO26647+	CO26651	4.97	4 1-	1/0CU	0	0	1546	335	30	2	1	0.00	0.50	0
CO26648+	CO26647	5.00	2 1-	1/0CU	0	0	1539	335	13	0	0	0.00	0.50	0
CO26606+	CO26648	5.16	1 1-	2ACSR	0	0	1495	333	12	0	0	0.00	0.50	0
CO26649+	CO26648	5.10	1 1-	1/0CU	0	0	1519	334	1	0	0	0.00	0.50	0
CO26579+	CO26565	4.81	0 1-	1/0CU	0	0	1574	336	0	0	0	0.00	0.48	0
CO26757+	CO26656	4.63	6 1-	4ACSR	0	0	1609	337	21	1	1	0.00	0.47	0
OC819+	CO26757	4.63	6 1-	10 N FUSE	0	0	1609	337	21	1	14	0.00	0.47	0
CO26758+	OC819	4.64	6 1-	4ACSR	0	0	1603	336	21	1	1	0.00	0.47	0
CO26652+	CO26758	4.69	5 1-	4ACSR	0	0	1586	335	19	1	1	0.00	0.47	0
CO26653+	CO26652	4.77	4 1-	4ACSR	0	0	1559	334	14	0	1	0.00	0.48	0
CO26654+	CO26653	5.04	4 1-	4ACSR	0	0	1472	328	14	0	1	0.01	0.48	0
CO30494+	CO26654	5.26	4 1-	4ACSR	0	0	1404	324	14	0	1	0.00	0.49	0
CO29205+	CO30494	5.47	4 1-	4ACSR	0	0	1342	320	14	0	1	0.00	0.49	0
CO30480+	CO29205	5.53	2 1-	4ACSR	0	0	1325	318	8	0	0	0.00	0.49	0
CO29383+	CO30480	5.57	0 1-	4ACSR	0	0	1314	318	0	0	0	0.00	0.49	0
CO29384+	CO29383	5.63	0 1-	4ACSR	0	0	1298	316	0	0	0	0.00	0.49	0
CO30497+	CO29384	5.77	0 1-	4ACSR	0	0	1259	314	0	0	0	0.00	0.49	0
CO26896+	CO30497	5.84	0 1-	4ACSR	0	0	1243	312	0	0	0	0.00	0.49	0
CO30479+	CO29205	5.52	1 1-	4ACSR	0	0	1326	318	6	0	0	0.00	0.49	0
CO29299+	CO29208	4.35	3 1-	6ACWC	0	0	1664	338	23	1	1	0.00	0.45	0
OC908+	CO29299	4.35	3 1-	10 N FUSE	0	0	1664	338	23	1	16	0.00	0.45	0
CO29300+	OC908	4.55	3 1-	6ACWC	0	0	1593	334	23	1	1	0.01	0.46	0
CO29297+	CO29300	4.62	3 1-	6ACWC	0	0	1567	332	23	1	1	0.00	0.46	0
CO29298+	CO29297	5.03	2 1-	6ACWC	0	0	1431	324	10	0	0	0.01	0.46	0
CO29206+	CO29298	5.09	1 1-	6ACWC	0	0	1413	323	10	0	0	0.00	0.46	0
CO29191+	CO29208	4.59	0 1-	1/0CU	0	0	1610	336	0	0	0	0.00	0.45	0
CO29212+	CO29218	3.90	4 1-	4ACSR	0	0	1743	338	7	0	0	0.00	0.40	0
CO29215+	CO29212	3.95	4 1-	4ACSR	0	0	1722	337	7	0	0	0.00	0.40	0
CO29216+	CO29215	3.96	4 1-	4ACSR	0	0	1719	337	7	0	0	0.00	0.40	0
CO29214+	CO29216	3.98	3 1-	4ACSR	0	0	1710	336	5	0	0	0.00	0.40	0
CO29213+	CO29216	3.99	1 1-	1/0CU	0	0	1712	337	2	0	0	0.00	0.40	0
CO29225+	CO29228	3.06	2 1-	4ACSR	0	0	1968	343	3	0	0	0.00	0.32	0
CO29226+	CO29225	3.13	1 1-	4ACSR	0	0	1934	341	0	0	0	0.00	0.32	0
CO29231+	CO29233	2.49	0 1-	4ACSR	0	0	2149	345	0	0	0	0.00	0.27	0
CO29232+	CO29231	2.56	0 1-	4ACSR	0	0	2106	344	0	0	0	0.00	0.27	0
CO29195+	CO29188	2.25	2 1-	4ACSR	0	0	2231	346	8	0	0	0.00	0.25	0
CO29234+	CO29195	2.43	2 1-	1/0CU	0	0	2157	345	8	0	0	0.00	0.25	0
CO29235+	CO29234	2.44	1 1-	1/0CU	0	0	2152	345	1	0	0	0.00	0.25	0
CO29236+	CO29235	2.49	1 1-	1/0CU	0	0	2133	345	1	0	0	0.00	0.25	0
CO29303+	CO29185	1.51	25 1-	2ACSR	0	0	2555	351	197	13	7	0.00	0.18	0
OC910+	CO29303	1.51	25 1-	50 L OCR	0	0	2555	351	197	13	0	0.00	0.18	0
CO29304+	OC910	1.57	25 1-	2ACSR	0	0	2514	350	197	13	7	0.01	0.19	4
CO29241+	CO29304	1.60	25 1-	2ACSR	0	0	2490	349	197	13	7	0.01	0.20	0
CO29242+	CO29241	1.67	25 1-	2ACSR	0	0	2442	348	197	13	7	0.01	0.21	4
CO29249+	CO29242	2.21	3 1-	2ACSR	0	0	2117	340	9	0	0	0.00	0.22	0
CO29250+	CO29249	2.30	2 1-	2ACSR	0	0	2066	339	5	0	0	0.00	0.22	0
CO29251+	CO29250	2.34	2 1-	2ACSR	0	0	2046	338	5	0	0	0.00	0.22	0
CO29252+	CO29251	2.51	1 1-	2ACSR	0	0	1961	336	1	0	0	0.00	0.22	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29253+	CO29252	2.72	0 1-	2ACSR	0	0	1859	333	0	0	0	0.00	0.22	0
CO29254+	CO29253	3.26	0 1-	2ACSR	0	0	1644	325	0	0	0	0.00	0.22	0
CO29255+	CO29242	1.83	22 1-	2ACSR	0	0	2340	346	187	12	7	0.03	0.24	9
CO29256+	CO29255	1.93	22 1-	2ACSR	0	0	2278	344	187	12	7	0.02	0.26	5
CO29310+	CO29256	2.03	21 1-	2ACSR	0	0	2217	343	174	11	7	0.02	0.28	5
CO29186+	CO29310	2.13	19 1-	2ACSR	0	0	2157	341	156	10	6	0.02	0.30	4
CO29257+	CO29186	2.19	19 1-	2ACSR	0	0	2125	340	156	10	6	0.01	0.31	0
CO29264+	CO29257	2.22	18 1-	2ACSR	0	0	2111	340	146	9	5	0.00	0.31	0
CO29258+	CO29264	2.26	18 1-	2ACSR	0	0	2085	339	146	9	5	0.01	0.32	0
CO29262+	CO29258	2.44	15 1-	2ACSR	0	0	1996	337	120	8	4	0.02	0.34	4
CO29263+	CO29262	2.50	14 1-	2ACSR	0	0	1964	336	118	7	4	0.01	0.35	0
CO29189+	CO29263	2.64	13 1-	2ACSR	0	0	1896	334	103	6	4	0.01	0.36	2
CO29269+	CO29189	2.75	8 1-	2ACSR	0	0	1846	332	50	3	2	0.01	0.37	0
CO29271+	CO29269	2.96	7 1-	2ACSR	0	0	1759	329	42	2	2	0.01	0.37	0
CO29272+	CO29271	3.01	5 1-	2ACSR	0	0	1738	329	35	2	1	0.00	0.38	0
CO29274+	CO29272	3.05	5 1-	2ACSR	0	0	1721	328	35	2	1	0.00	0.38	0
CO29276+	CO29274	3.09	3 1-	2ACSR	0	0	1707	327	27	1	1	0.00	0.38	0
CO29273+	CO29276	3.15	1 1-	2ACSR	0	0	1686	327	3	0	0	0.00	0.38	0
CO29275+	CO29274	3.10	2 1-	2ACSR	0	0	1701	327	8	0	0	0.00	0.38	0
CO29270+	CO29269	2.89	1 1-	2ACSR	0	0	1787	330	8	0	0	0.00	0.37	0
CO30478+	CO29270	2.98	0 1-	2ACSR	0	0	1750	329	0	0	0	0.00	0.37	0
CO29529+	CO30478	3.06	0 1-	2ACSR	0	0	1720	328	0	0	0	0.00	0.37	0
CO29530+	CO29529	3.13	0 1-	2ACSR	0	0	1692	327	0	0	0	0.00	0.37	0
CO30477+	CO29270	2.97	1 1-	2ACSR	0	0	1755	329	8	0	0	0.00	0.37	0
CO29265+	CO29189	2.73	4 1-	2ACSR	0	0	1856	332	43	2	2	0.00	0.36	0
CO29268+	CO29265	2.79	1 1-	2ACSR	0	0	1831	332	9	0	0	0.00	0.36	0
CO29267+	CO29265	2.77	1 1-	2ACSR	0	0	1838	332	7	0	0	0.00	0.36	0
CO29266+	CO29265	2.89	1 1-	2ACSR	0	0	1789	330	20	1	1	0.00	0.37	0
CO29199+	CO29263	2.60	1 1-	2ACSR	0	0	1918	334	15	1	1	0.00	0.35	0
CO29259+	CO29258	2.36	1 1-	2ACSR	0	0	2036	338	17	1	1	0.00	0.32	0
CO29260+	CO29259	2.43	1 1-	2ACSR	0	0	1998	337	17	1	1	0.00	0.32	0
CO29261+	CO29260	2.50	0 1-	2ACSR	0	0	1965	336	0	0	0	0.00	0.32	0
CO29308+	CO29310	2.06	2 1-	2ACSR	0	0	2197	342	19	1	1	0.00	0.28	0
CO29309+	CO29308	2.08	2 1-	2ACSR	0	0	2189	342	19	1	1	0.00	0.28	0
CO29244+	CO29247	1.26	0 1-	1/0CU	0	0	2678	352	0	0	0	0.00	0.14	0
CO29245+	CO29244	1.27	0 1-	1/0CU	0	0	2669	351	0	0	0	0.00	0.14	0
CO29246+	CO29245	1.28	0 1-	1/0CU	0	0	2664	351	0	0	0	0.00	0.14	0
CO29456+	CO29483	1.02	0 1-	4ACSR	0	0	2791	351	0	0	0	0.00	0.12	0
CO29448+	CO29437	0.78	1 1-	4ACSR	0	0	2955	353	4	0	0	0.00	0.09	0
CO29472+	CO29435	0.53	6 1-	4ACSR	0	0	3036	351	42	2	2	0.01	0.05	0
CO29473+	CO29472	0.56	5 1-	4ACSR	0	0	2998	350	35	2	2	0.00	0.05	0
CO29452+	CO29473	0.64	2 1-	4ACSR	0	0	2903	348	18	1	1	0.00	0.06	0
CO29474+	CO29473	0.64	2 1-	4ACSR	0	0	2907	349	16	1	1	0.00	0.06	0
CO29475+	CO29474	0.67	0 1-	4ACSR	0	0	2868	348	0	0	0	0.00	0.06	0
CO29450+	CO29469	0.36	1 1-	4ACSR	0	0	3208	354	4	0	0	0.00	0.03	0
CO29470+	CO29469	0.32	2 1-	4ACSR	0	0	3260	355	16	1	1	0.00	0.03	0
CO29471+	CO29470	0.38	1 1-	4ACSR	0	0	3187	353	10	0	0	0.00	0.04	0
CO29451+	CO29470	0.39	1 1-	4ACSR	0	0	3168	353	6	0	0	0.00	0.04	0
CO29535+	CO29532	0.01	1349 3-	750 MCM - 42 Wi	3387	3511	3536	357	6527	147	13	0.00	0.00	8

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX L LG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
Stone Wall+	CO29535	0.01	1349 3-	560 200WVE	3387	3511	3536	357	6527	147	26	0.00	0.00	0
CO29495+	Stone Wall	0.03	1349 3-	4/0ACSR	3377	3494	3519	357	6527	147	43	0.01	0.02	105
CO29496+	CO29495	0.24	1349 3-	4/0ACSR	3252	3306	3320	356	6526	147	43	0.15	0.17	1273
CO29501+	CO29496	0.30	1345 3-	4/0ACSR	3217	3255	3264	355	6505	146	43	0.04	0.21	380
CO29541+	CO29501	0.35	1345 3-	4/0ACSR	3184	3208	3213	355	6503	146	43	0.04	0.25	353
CO29542+	CO29541	0.43	2 1-	4ACSR	0	0	3123	353	7	0	0	0.00	0.25	0
CO29502+	CO29541	0.37	1343 3-	4/0ACSR	3176	3197	3201	355	6495	146	43	0.01	0.26	91
CO29503+	CO29502	0.48	1341 3-	4/0ACSR	3112	3110	3105	354	6482	146	43	0.08	0.35	702
CO29539+	CO29503	0.49	0 1-	4ACSR	0	0	3097	354	0	0	0	0.00	0.35	0
SW918-A+	CO29539	0.49	0 1-	Open	0	0	3097	354	0	0	0	0.00	0.35	0
CO29440+	CO29503	0.65	0 1-	4ACSR	0	0	2917	350	0	0	0	0.00	0.35	0
CO29442+	CO29503	0.61	1 1-	4ACSR	0	0	2958	351	0	0	0	0.00	0.35	0
CO29504+	CO29503	0.63	1340 3-	4/0ACSR	3035	3018	2990	353	6479	146	43	0.11	0.45	898
CO29505+	CO29504	1.16	1340 3-	4/0ACSR	2777	2726	2627	350	6475	146	43	0.39	0.85	3312
CO29508+	CO29505	1.28	1340 3-	1/0ACSR	2719	2662	2549	349	6459	146	64	0.14	0.99	1400
CO29509+	CO29508	1.62	1340 3-	1/0ACSR	2556	2482	2339	345	6453	146	64	0.43	1.42	4201
CO29510+	CO29509	2.00	1340 3-	1/0ACSR	2392	2303	2138	341	6433	146	64	0.48	1.91	4667
CO29511+	CO29510	2.53	1340 3-	1/0ACSR	2186	2083	1901	336	6412	146	64	0.68	2.59	6614
CO30512+	CO29511	2.76	1340 3-	1/0ACSR	2108	2000	1815	334	6381	146	64	0.29	2.88	2800
CO29605+	CO30512	2.96	1339 3-	1/0ACSR	2043	1932	1746	332	6368	146	64	0.25	3.13	2450
CO29606+	CO29605	2.99	1338 3-	1/0ACSR	2035	1923	1737	331	6355	146	64	0.03	3.16	331
CO29552+	CO29606	3.06	1336 3-	1/0ACSR	2011	1898	1711	331	6344	146	64	0.10	3.26	928
CO29551+	CO29552	3.15	1331 3-	1/0ACSR	1985	1871	1684	330	6323	145	63	0.11	3.37	1041
CO29554+	CO29551	3.34	1244 3-	1/0ACSR	1929	1814	1626	328	5950	137	60	0.22	3.59	2050
CO29555+	CO29554	3.48	1239 3-	1/0ACSR	1890	1772	1585	327	5917	136	59	0.17	3.76	1526
CO29628+	CO29555	3.57	4 1-	4ACSR	0	0	1552	325	19	1	1	0.00	3.76	0
CO29629+	CO29628	3.58	2 1-	4ACSR	0	0	1545	324	9	0	0	0.00	3.76	0
CO29556+	CO29555	3.58	1235 3-	1/0ACSR	1861	1747	1556	326	5891	136	59	0.12	3.88	1112
CO29635+	CO29556	3.92	1231 3-	1/0ACSR	1774	1664	1469	322	5873	136	59	0.40	4.28	3620
CO29636+	CO29635	3.99	1230 3-	1/0ACSR	1757	1649	1453	322	5856	136	59	0.08	4.36	708
CO29557+	CO29636	4.27	1229 3-	1/0ACSR	1691	1586	1388	319	5842	135	59	0.33	4.69	3008
CO29585+	CO29557	4.35	1 1-	4ACSR	0	0	1364	317	0	0	0	0.00	4.69	0
CO29637+	CO29557	4.31	1228 3-	1/0ACSR	1682	1578	1379	319	5828	135	59	0.05	4.74	425
CO29638+	CO29637	4.35	1228 3-	1/0ACSR	1674	1570	1371	318	5826	135	59	0.04	4.78	377
CO29722+	CO29638	4.36	7 1-	6ACWC	0	0	1369	318	25	1	1	0.00	4.78	0
OC921+	CO29722	4.36	7 1-	10 N FUSE	0	0	1369	318	25	1	17	0.00	4.78	0
CO29723+	OC921	4.54	7 1-	6ACWC	0	0	1316	315	25	1	1	0.01	4.78	0
CO29588+	CO29723	4.63	1 1-	6ACWC	0	0	1292	313	4	0	0	0.00	4.79	0
CO29559+	CO29723	4.60	6 1-	6ACWC	0	0	1300	314	21	1	1	0.00	4.79	0
CO29586+	CO29559	4.64	1 1-	6ACWC	0	0	1287	313	15	1	1	0.00	4.79	0
CO29639+	CO29559	4.64	4 1-	6ACWC	0	0	1287	313	5	0	0	0.00	4.79	0
CO29640+	CO29639	4.72	4 1-	6ACWC	0	0	1267	311	5	0	0	0.00	4.79	0
CO29641+	CO29640	4.87	3 1-	6ACWC	0	0	1227	309	5	0	0	0.00	4.79	0
CO29642+	CO29641	5.19	2 1-	6ACWC	0	0	1150	303	5	0	0	0.00	4.79	0
CO29643+	CO29642	5.42	1 1-	6ACWC	0	0	1100	299	0	0	0	0.00	4.79	0
CO29599+	CO29638	4.39	0 1-	4ACSR	0	0	1360	318	0	0	0	0.00	4.78	0
CO29598+	CO29638	4.42	1 1-	4ACSR	0	0	1350	317	4	0	0	0.00	4.78	0
CO29644+	CO29638	4.44	1220 3-	1/0ACSR	1655	1552	1353	317	5795	135	59	0.10	4.88	924
CO30577+	CO29644	4.46	1219 3-	1/0ACSR	1650	1548	1348	317	5777	134	59	0.02	4.90	209
CO29558+	CO30577	4.65	1218 3-	1/0ACSR	1610	1511	1310	315	5768	134	59	0.22	5.12	1970
CO29645+	CO29558	4.69	2 1-	4ACSR	0	0	1297	315	5	0	0	0.00	5.12	0

Substation Power Factor: 0.98

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29646+	CO29645	4.78	2 1-	4ACSR	0	0	1273	313	5	0	0	0.00	5.12	0
CO29647+	CO29646	4.91	1 1-	4ACSR	0	0	1239	310	1	0	0	0.00	5.12	0
CO29560+	CO29558	4.86	1216 3-	1/0ACSR	1568	1471	1271	314	5754	134	58	0.24	5.36	2164
CO29718+	CO29560	4.86	0 1-	4ACSR	0	0	1269	313	0	0	0	0.00	5.36	0
OC920+	CO29718	4.86	0 1-	10 N FUSE	0	0	1269	313	0	0	0	0.00	5.36	0
CO29719+	OC920	4.92	0 1-	4ACSR	0	0	1253	312	0	0	0	0.00	5.36	0
CO29721+	CO29719	4.93	0 1-	4ACSR	0	0	1252	312	0	0	0	0.00	5.36	0
SW930-A+	CO29721	4.93	0 1-	Open	0	0	1252	312	0	0	0	0.00	5.36	0
CO29648+	CO29560	4.92	1211 3-	1/0ACSR	1556	1460	1259	313	5717	133	58	0.07	5.43	630
CO29649+	CO29648	5.03	1210 3-	1/0ACSR	1535	1441	1240	312	5714	133	58	0.13	5.56	1126
CO29604+	CO29649	5.07	0 1-	2ACSR	0	0	1231	311	0	0	0	0.00	5.56	0
CO29650+	CO29649	5.08	1209 3-	1/0ACSR	1525	1431	1230	311	5699	133	58	0.06	5.62	578
CO29651+	CO29650	5.22	1208 3-	1/0ACSR	1500	1408	1207	310	5692	133	58	0.15	5.77	1357
CO29561+	CO29651	5.36	1207 3-	2HDCU	1477	1386	1185	309	5675	133	56	0.16	5.93	1424
CO29592+	CO29561	5.42	3 1-	4ACSR	0	0	1172	308	17	1	1	0.00	5.93	0
CO29652+	CO29592	5.46	1 1-	4ACSR	0	0	1161	307	9	0	0	0.00	5.93	0
CO29736+	CO29652	5.52	1 1-	4ACSR	0	0	1148	306	9	0	0	0.00	5.93	0
CO29653+	CO29736	5.56	1 1-	4ACSR	0	0	1140	305	9	0	0	0.00	5.93	0
CO29737+	CO29561	5.70	1204 3-	2HDCU	1423	1336	1135	306	5652	132	55	0.38	6.31	3398
CO29654+	CO29737	5.90	1204 3-	2HDCU	1393	1307	1107	304	5636	132	55	0.23	6.53	2039
CO29660+	CO29654	6.00	1202 3-	2HDCU	1379	1295	1095	303	5626	132	55	0.10	6.64	944
CO29661+	CO29660	7.11	1202 3-	2HDCU	1236	1161	966	294	5622	132	55	1.22	7.85	11034
CO29662+	CO29661	7.15	1202 3-	2HDCU	1230	1156	962	294	5570	132	55	0.05	7.91	474
CO29732+	CO29662	7.16	989 3-	2HDCU	1229	1155	961	294	4767	113	47	0.01	7.91	63
OC967+	CO29732	7.16	989 3-	WVE	1229	1155	961	294	4767	113	20	0.00	7.91	0
CO29733+	OC967	7.50	989 3-	2HDCU	1191	1120	928	291	4767	113	47	0.31	8.23	2436
CO29571+	CO29733	7.57	0 1-	4ACSR	0	0	917	290	0	0	0	0.00	8.23	0
CO29708+	CO29733	7.71	988 3-	1/0ACSR	1166	1097	907	289	4755	113	49	0.21	8.43	1613
CO30406+	CO29708	8.09	988 3-	1/0ACSR	1125	1059	872	286	4748	113	49	0.36	8.80	2806
CO27485+	CO30406	8.24	1 1-	4ACSR	0	0	852	284	0	0	0	0.00	8.80	0
CO27511+	CO30406	8.32	987 3-	1/0ACSR	1102	1037	852	284	4734	113	49	0.22	9.01	1683
CO27512+	CO27511	8.41	987 3-	1/0ACSR	1093	1029	845	284	4727	113	49	0.08	9.10	642
CO27513+	CO27512	9.01	987 3-	1/0ACSR	1036	976	797	279	4724	113	49	0.58	9.67	4478
CO27514+	CO27513	9.12	987 3-	1/0ACSR	1027	968	790	278	4703	113	49	0.10	9.77	770
CO27515+	CO27514	9.15	3 1-	4ACSR	0	0	785	278	16	1	1	0.00	9.77	0
CO27516+	CO27515	9.19	2 1-	4ACSR	0	0	781	277	7	0	0	0.00	9.77	0
REG167+	CO27514	9.12	983 3-	200	1027	968	790	278	4671	112	56	-9.77	0.00	0
CO27462+	REG167	9.29	983 3-	1/0ACSR	1012	954	777	277	4671	104	45	0.15	0.15	1072
CO27535+	CO27462	9.34	751 3-	1/0ACSR	1008	950	774	276	3591	79	35	0.03	0.18	182
CO1671651278+	CO27535	9.37	751 3-	2ACSR	1005	947	771	276	3591	79	44	0.03	0.22	198
CO-1000846053+	CO1671651278	9.38	751 3-	2ACSR	1003	946	770	276	3590	79	44	0.01	0.23	65
CO27547+	CO-1000846053	9.56	747 3-	1/0ACSR	989	932	758	275	3583	79	35	0.11	0.34	634
CO27548+	CO27547	9.69	745 3-	1/0ACSR	979	923	750	274	3575	79	35	0.09	0.43	473
CO27549+	CO27548	9.81	745 3-	1/0ACSR	969	914	742	273	3573	79	35	0.08	0.51	449
CO27465+	CO27549	9.85	744 3-	1/0ACSR	966	911	739	273	3566	79	35	0.02	0.53	138
CO27493+	CO27465	9.94	0 1-	4ACSR	0	0	730	271	0	0	0	0.00	0.53	0
CO27550+	CO27465	9.87	743 3-	1/0ACSR	964	909	737	272	3558	79	35	0.02	0.55	97
CO27551+	CO27550	10.02	743 3-	1/0ACSR	953	899	728	271	3557	79	35	0.09	0.65	521
CO27552+	CO27551	10.08	743 3-	1/0ACSR	948	894	724	271	3555	79	35	0.04	0.69	240
CO27494+	CO27552	10.13	1 1-	4ACSR	0	0	720	270	0	0	0	0.00	0.69	0
CO27553+	CO27552	10.12	742 3-	1/0ACSR	945	892	722	271	3554	79	35	0.02	0.71	114
CO27554+	CO27553	10.20	740 3-	1/0ACSR	939	886	717	270	3542	79	34	0.05	0.76	297

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO27555+	CO27554	10.27	739 3-	1/0ACSR	934	881	713	269	3537	79	34	0.05	0.81	270
CO27556+	CO27555	10.29	739 3-	1/0ACSR	933	880	712	269	3536	79	34	0.01	0.82	44
CO27557+	CO27556	10.35	739 3-	1/0ACSR	928	876	708	269	3536	79	34	0.04	0.86	228
CO27570+	CO27557	10.42	363 3-	1/0ACSR	923	871	704	268	1576	34	15	0.02	0.88	47
CO27571+	CO27570	10.47	362 3-	1/0ACSR	920	868	701	268	1573	34	15	0.01	0.89	39
CO27569+	CO27571	10.54	361 3-	1/0ACSR	915	863	697	267	1556	34	15	0.02	0.91	46
CO27568+	CO27569	10.60	361 3-	1/0ACSR	910	859	694	267	1556	34	15	0.02	0.93	43
CO27567+	CO27568	10.66	360 3-	1/0ACSR	906	855	691	267	1556	34	15	0.02	0.94	41
CO27566+	CO27567	10.75	357 3-	1/0ACSR	900	850	686	266	1551	34	15	0.02	0.97	58
CO27495+	CO27566	10.80	1 1-	4ACSR	0	0	681	265	9	0	0	0.00	0.97	0
CO27687+	CO27566	10.75	356 3-	1/0ACSR	900	850	685	266	1541	34	15	0.00	0.97	4
OC845+	CO27687	10.75	356 3-	70 E OCR	900	850	685	266	1541	34	49	0.00	0.97	0
CO27688+	OC845	10.91	356 3-	1/0ACSR	889	840	677	265	1541	34	15	0.04	1.01	105
CO27574+	CO27688	10.94	353 3-	1/0ACSR	887	838	675	265	1534	34	15	0.01	1.01	20
CO27575+	CO27574	11.03	352 3-	1/0ACSR	882	832	670	264	1534	34	15	0.02	1.04	60
CO27467+	CO27575	11.10	324 3-	1/0ACSR	877	828	667	264	1430	31	14	0.02	1.05	38
CO27500+	CO27467	11.16	1 1-	4ACSR	0	0	662	263	5	0	0	0.00	1.05	0
CO27468+	CO27467	11.23	323 3-	1/0ACSR	869	821	660	263	1425	31	14	0.03	1.08	76
CO27618+	CO27468	11.32	322 3-	1/0ACSR	863	815	655	262	1425	31	14	0.02	1.11	55
CO27619+	CO27618	11.51	321 3-	1/0ACSR	851	804	646	261	1424	31	14	0.04	1.15	108
CO27620+	CO27619	11.65	320 3-	1/0ACSR	843	797	640	260	1422	31	14	0.03	1.18	77
CO27621+	CO27620	11.69	320 3-	1/0ACSR	841	794	638	259	1422	31	14	0.01	1.19	24
CO27622+	CO27621	11.78	320 3-	1/0ACSR	835	789	633	259	1422	31	14	0.02	1.21	52
CO27499+	CO27622	11.84	1 1-	4ACSR	0	0	629	258	4	0	0	0.00	1.21	0
CO27510+	CO27622	11.93	319 3-	1/0ACSR	827	781	626	258	1418	31	14	0.03	1.25	87
CO27473+	CO27510	11.99	1 1-	4ACSR	0	0	622	257	9	0	0	0.00	1.25	0
CO27623+	CO27510	12.04	318 3-	1/0ACSR	820	775	621	257	1409	31	14	0.02	1.27	61
CO27624+	CO27623	12.26	317 3-	1/0ACSR	808	764	611	256	1408	31	14	0.05	1.32	126
CO27453+	CO27624	12.30	316 3-	1/0ACSR	806	762	610	255	1406	31	14	0.01	1.33	20
CO27625+	CO27453	12.34	314 3-	1/0ACSR	804	760	608	255	1405	31	14	0.01	1.34	27
CO27626+	CO27625	12.47	314 3-	1/0ACSR	797	753	602	254	1405	31	14	0.03	1.37	69
CO27629+	CO27626	12.65	311 3-	1/0ACSR	787	744	595	253	1379	30	13	0.04	1.41	99
CO30580+	CO27629	12.75	310 3-	1/0ACSR	782	740	591	252	1370	30	13	0.02	1.43	53
CO27630+	CO30580	12.89	308 3-	1/0ACSR	775	733	585	251	1360	30	13	0.03	1.46	75
CO27631+	CO27630	12.96	4 2-	2ACSR	0	729	582	251	43	1	1	0.00	1.46	0
CO27505+	CO27631	12.99	1 1-	2ACSR	0	0	580	251	3	0	0	0.00	1.46	0
CO27632+	CO27631	13.01	3 2-	2ACSR	0	726	579	250	40	1	1	0.00	1.46	0
CO30685+	CO27630	13.00	1 3-	1/0ACSR	770	728	581	251	3	0	0	0.00	1.46	0
CO27633+	CO27630	12.90	302 3-	1/0ACSR	774	733	585	251	1304	29	13	0.00	1.46	3
CA73+	CO27633	12.90	0 3-	Capacitor	774	733	585	251	0	-7	0	0.00	1.46	0
CO27634+	CO27633	12.94	302 3-	1/0ACSR	772	731	583	251	1303	29	13	0.01	1.47	21
CO27635+	CO27634	13.01	302 3-	1/0ACSR	769	727	580	251	1303	29	13	0.02	1.49	36
CO27657+	CO27635	13.09	188 3-	1/0ACSR	765	724	577	250	781	17	8	0.01	1.50	15
CO27658+	CO27657	13.28	188 3-	1/0ACSR	756	715	570	249	781	17	8	0.03	1.53	34
CO27659+	CO27658	13.70	187 3-	1/0ACSR	736	697	554	246	776	17	8	0.06	1.60	75
CO-1869686288+	CO27659	13.77	186 3-	2ACSR	732	693	551	246	772	17	10	0.02	1.61	20
CO-419309368+	CO-1869686288	14.08	185 3-	2ACSR	715	677	538	243	772	17	10	0.07	1.68	88
CO27460+	CO-419309368	14.16	181 3-	1/0ACSR	711	674	535	243	755	17	7	0.01	1.70	13
CO27673+	CO27460	14.27	141 1-	4ACSR	0	0	529	241	599	41	29	0.11	1.80	104
OC836+	CO27673	14.27	141 1-	50 E OCR	0	0	529	241	598	41	82	0.00	1.80	0
CO27674+	OC836	14.36	141 1-	4ACSR	0	0	525	240	598	41	29	0.08	1.89	79
CO27666+	CO27674	14.39	141 1-	4ACSR	0	0	524	240	598	41	29	0.03	1.91	25

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27667+	CO27666	14.43	141 1-	4ACSR	0	0	522	239	598	41	29	0.04	1.95	36
CO30404+	CO27667	14.94	124 1-	4ACSR	0	0	497	234	492	33	24	0.40	2.35	316
CO30575+	CO30404	15.00	123 1-	4ACSR	0	0	495	233	489	33	24	0.04	2.39	35
CO27697+	CO30575	15.23	120 1-	4ACSR	0	0	485	231	478	32	24	0.17	2.56	132
CO27743+	CO27697	15.66	118 1-	4ACSR	0	0	467	226	465	32	23	0.32	2.88	240
CO27744+	CO27743	15.79	118 1-	4ACSR	0	0	462	225	464	32	23	0.09	2.97	68
CO27716+	CO27744	15.97	2 1-	4ACSR	0	0	455	223	2	0	0	0.00	2.97	0
CO27745+	CO27744	15.98	115 1-	4ACSR	0	0	454	223	461	31	23	0.14	3.11	103
CO27746+	CO27745	16.38	115 1-	4ACSR	0	0	439	219	460	31	23	0.30	3.40	221
CO27747+	CO27746	16.47	114 1-	4ACSR	0	0	436	218	457	31	23	0.06	3.47	46
CO27748+	CO27747	16.54	114 1-	4ACSR	0	0	434	218	457	31	23	0.05	3.51	36
CO27749+	CO27748	16.62	113 1-	4ACSR	0	0	431	217	456	31	23	0.06	3.58	46
CO27750+	CO27749	16.77	113 1-	4ACSR	0	0	426	216	456	31	23	0.11	3.68	82
CO27751+	CO27750	17.00	113 1-	4ACSR	0	0	418	213	455	31	23	0.16	3.85	122
CO27698+	CO27751	17.03	34 1-	4ACSR	0	0	417	213	124	8	6	0.01	3.85	0
CO27820+	CO27698	17.04	34 1-	4ACSR	0	0	417	213	124	8	6	0.00	3.86	0
OC851+	CO27820	17.04	34 1-	50 H OCR	0	0	417	213	124	8	17	0.00	3.86	0
XFMR69	OC851	17.04	34 1-	167 KVA 1PH AUT	0	0	450	150	124	8	75	0.50	4.35	0
CO27821	XFMR69	17.17	34 1-	4ACSR	0	0	442	149	124	17	12	0.11	4.46	22
CO27771	CO27821	17.25	34 1-	4ACSR	0	0	437	148	124	17	12	0.06	4.52	13
CO27772	CO27771	17.31	32 1-	4ACSR	0	0	433	148	118	16	12	0.04	4.56	8
CO27773	CO27772	17.36	31 1-	4ACSR	0	0	430	147	110	15	11	0.04	4.60	7
CO27774	CO27773	17.75	31 1-	4ACSR	0	0	408	144	110	15	11	0.27	4.87	48
CO27775	CO27774	17.90	30 1-	4ACSR	0	0	400	143	107	14	11	0.10	4.97	18
CO27776	CO27775	17.98	30 1-	4ACSR	0	0	396	142	107	14	11	0.05	5.02	10
CO27770	CO27776	18.07	29 1-	4ACSR	0	0	391	142	106	14	11	0.06	5.08	11
CO316916860	CO27770	18.11	1 1-	2ACSR	0	0	390	141	10	1	1	0.00	5.08	0
CO27699	CO27770	18.11	26 1-	4ACSR	0	0	389	141	95	13	10	0.02	5.10	3
CO27703	CO27699	18.22	15 1-	4ACSR	0	0	384	140	66	9	7	0.05	5.15	5
CO27784	CO27703	18.31	15 1-	4ACSR	0	0	379	140	66	9	7	0.04	5.19	4
CO27785	CO27784	18.45	12 1-	4ACSR	0	0	373	139	57	8	6	0.05	5.23	4
CO27692	CO27785	18.56	9 1-	4ACSR	0	0	368	138	45	6	5	0.03	5.27	2
CO202223438	CO27692	18.66	0 1-	2ACSR	0	0	364	137	0	0	0	0.00	5.27	0
CO27787	CO27692	18.76	5 1-	4ACSR	0	0	359	136	31	4	3	0.03	5.30	0
CO30437	CO27787	19.03	4 1-	4ACSR	0	0	347	134	18	2	2	0.03	5.32	0
CO27993	CO30437	19.12	1 1-	4ACSR	0	0	343	134	3	0	0	0.00	5.32	0
CO27992	CO30437	19.13	1 1-	4ACSR	0	0	343	134	2	0	0	0.00	5.32	0
CO27991	CO30437	19.07	1 1-	4ACSR	0	0	345	134	7	1	1	0.00	5.32	0
CO27710	CO27692	18.62	2 1-	4ACSR	0	0	365	137	11	1	1	0.00	5.27	0
CO27786	CO27785	18.54	2 1-	4ACSR	0	0	369	138	7	1	1	0.00	5.24	0
CO27700	CO27699	18.20	10 1-	4ACSR	0	0	385	141	24	3	2	0.01	5.12	0
CO-1047736648	CO27700	18.33	9 1-	2ACSR	0	0	380	140	22	3	2	0.01	5.13	0
CO-2127853440	CO-1047736648	18.46	9 1-	2ACSR	0	0	375	139	22	3	2	0.01	5.14	0
CO27718	CO-2127853440	18.55	2 1-	4ACSR	0	0	370	138	10	1	1	0.00	5.15	0
CO27702	CO-2127853440	18.57	7 1-	4ACSR	0	0	369	138	12	1	1	0.01	5.15	0
CO27788	CO27702	18.96	0 1-	4ACSR	0	0	352	135	0	0	0	0.00	5.15	0
CO27825	CO27788	19.00	0 1-	4ACSR	0	0	350	135	0	0	0	0.00	5.15	0
SW852-B	CO27825	19.00	0 1-	Open	0	0	350	135	0	0	0	0.00	5.15	0
CO27717	CO27702	18.68	6 1-	4ACSR	0	0	364	137	12	1	1	0.01	5.16	0
CO2042804594	CO27717	18.73	5 1-	2ACSR	0	0	363	137	9	1	1	0.00	5.16	0
CO253760810	CO2042804594	19.09	5 1-	2ACSR	0	0	350	135	9	1	1	0.01	5.18	0
CO2021377330	CO253760810	19.14	5 1-	2ACSR	0	0	348	135	9	1	1	0.00	5.18	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO829363688	CO2021377330	19.30	5 1-	2ACSR	0	0	343	134	9	1	1	0.01	5.18	0
CO1722852361	CO829363688	19.38	5 1-	2ACSR	0	0	340	134	9	1	1	0.00	5.19	0
CO27815	CO1722852361	19.47	4 1-	6ACWC	0	0	337	133	9	1	1	0.01	5.19	0
CO27816	CO27815	19.49	4 1-	6ACWC	0	0	336	133	9	1	1	0.00	5.19	0
CO27817	CO27816	19.62	2 1-	6ACWC	0	0	331	132	4	0	0	0.00	5.20	0
CO27818	CO27817	19.86	1 1-	6ACWC	0	0	322	131	2	0	0	0.00	5.20	0
CO27819	CO27818	19.96	1 1-	6ACWC	0	0	319	130	2	0	0	0.00	5.20	0
CO27723	CO1722852361	19.46	1 1-	6ACWC	0	0	337	133	0	0	0	0.00	5.19	0
CO27709	CO1722852361	19.53	0 1-	6ACWC	0	0	334	133	0	0	0	0.00	5.19	0
CO27719	CO27700	18.30	1 1-	4ACSR	0	0	380	140	2	0	0	0.00	5.12	0
CO27777	CO27770	18.20	2 1-	4ACSR	0	0	385	141	0	0	0	0.00	5.08	0
CO27778	CO27777	18.26	1 1-	4ACSR	0	0	382	140	0	0	0	0.00	5.08	0
CO27779	CO27778	18.30	1 1-	4ACSR	0	0	380	140	0	0	0	0.00	5.08	0
CO27780	CO27779	18.47	1 1-	4ACSR	0	0	372	139	0	0	0	0.00	5.08	0
CO27781	CO27780	18.56	1 1-	4ACSR	0	0	368	138	0	0	0	0.00	5.08	0
CO27822+	CO27751	17.01	79 1-	4ACSR	0	0	418	213	331	23	16	0.00	3.85	0
OC850+	CO27822	17.01	79 1-	25 E OCR	0	0	418	213	331	23	92	0.00	3.85	0
CO27823+	OC850	17.03	79 1-	4ACSR	0	0	417	213	331	23	16	0.01	3.87	8
CO27752+	CO27823	17.05	78 1-	4ACSR	0	0	416	213	325	22	16	0.01	3.87	4
CO27753+	CO27752	17.17	76 1-	4ACSR	0	0	413	212	323	22	16	0.06	3.94	34
CO27696+	CO27753	17.36	14 1-	4ACSR	0	0	407	210	46	3	2	0.01	3.95	0
CO27695+	CO27696	17.51	6 1-	4ACSR	0	0	402	209	17	1	1	0.00	3.95	0
CO1981088355+	CO27695	17.58	1 1-	2ACSR	0	0	400	208	0	0	0	0.00	3.95	0
CO27693+	CO27695	17.91	0 1-	4ACSR	0	0	390	206	0	0	0	0.00	3.95	0
CO27761+	CO27695	17.72	4 1-	4ACSR	0	0	396	207	3	0	0	0.00	3.95	0
CO-1422772200+	CO27761	17.76	0 1-	2ACSR	0	0	395	207	0	0	0	0.00	3.95	0
CO27762+	CO27761	17.77	1 1-	4ACSR	0	0	394	207	0	0	0	0.00	3.95	0
CO27694+	CO27696	17.41	7 1-	4ACSR	0	0	405	210	25	1	1	0.00	3.95	0
CO27763+	CO27694	17.51	1 1-	4ACSR	0	0	402	209	3	0	0	0.00	3.95	0
CO27764+	CO27763	17.61	1 1-	4ACSR	0	0	399	208	3	0	0	0.00	3.95	0
CO27765+	CO27694	17.44	3 1-	4ACSR	0	0	404	210	12	0	1	0.00	3.95	0
CO27766+	CO27765	17.91	1 1-	4ACSR	0	0	390	206	0	0	0	0.00	3.95	0
CO27768+	CO27765	17.48	2 1-	2ACSR	0	0	403	209	11	0	0	0.00	3.95	0
CO27769+	CO27768	17.51	1 1-	2ACSR	0	0	402	209	5	0	0	0.00	3.95	0
CO27767+	CO27769	17.53	1 1-	2ACSR	0	0	402	209	5	0	0	0.00	3.95	0
CO27754+	CO27753	17.21	62 1-	4ACSR	0	0	411	212	277	19	14	0.02	3.95	7
CO27755+	CO27754	17.52	61 1-	4ACSR	0	0	401	209	269	18	13	0.13	4.09	60
CO27756+	CO27755	17.56	61 1-	4ACSR	0	0	400	208	268	18	13	0.02	4.11	8
CO27760+	CO27756	17.90	59 1-	4ACSR	0	0	390	206	252	17	13	0.13	4.24	55
CO30401+	CO27760	18.05	59 1-	4ACSR	0	0	386	204	252	17	13	0.06	4.30	25
CO27365+	CO30401	18.19	1 1-	4ACSR	0	0	382	203	6	0	0	0.00	4.30	0
CO27366+	CO27365	18.28	1 1-	4ACSR	0	0	380	203	6	0	0	0.00	4.30	0
CO27326+	CO30401	18.12	58 1-	4ACSR	0	0	384	204	245	17	12	0.03	4.33	11
CO27325+	CO27326	18.26	56 1-	4ACSR	0	0	380	203	232	16	12	0.05	4.38	20
CO27375+	CO27325	18.37	53 1-	4ACSR	0	0	377	202	221	15	11	0.04	4.42	14
CO27376+	CO27375	18.58	52 1-	4ACSR	0	0	372	200	215	15	11	0.07	4.49	24
CO27377+	CO27376	18.73	51 1-	4ACSR	0	0	368	199	212	14	11	0.05	4.54	18
CO27378+	CO27377	18.79	50 1-	4ACSR	0	0	366	198	206	14	10	0.02	4.56	7
XFMR70	CO27378	18.79	50 1-	333 KVA 1PH AUT	0	0	512	149	206	14	63	0.51	5.07	0
CO27379	XFMR70	18.88	50 1-	4ACSR	0	0	504	148	206	28	21	0.12	5.19	41
CO27351	CO27379	18.96	1 1-	2ACSR	0	0	499	148	10	1	1	0.00	5.19	0
CO27380	CO27379	18.96	49 1-	4ACSR	0	0	497	148	196	27	20	0.10	5.29	32

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27381	CO27380	19.08	48 1-	4ACSR	0	0	488	147	192	27	19	0.14	5.43	45
CO27451	CO27381	19.08	25 1-	4ACSR	0	0	487	147	117	16	12	0.00	5.43	0
OC835	CO27451	19.08	25 1-	15 H OCR	0	0	487	147	117	16	110	0.00	5.43	0
CO27452	OC835	19.13	25 1-	4ACSR	0	0	483	146	117	16	12	0.03	5.46	6
CO27382	CO27452	19.19	24 1-	4ACSR	0	0	478	146	107	15	11	0.04	5.50	7
CO27318	CO27382	19.33	21 1-	4ACSR	0	0	467	145	83	11	8	0.08	5.58	10
CO27385	CO27318	19.57	6 1-	4ACSR	0	0	450	143	26	3	3	0.04	5.62	0
CO27386	CO27385	19.59	5 1-	4ACSR	0	0	448	143	26	3	3	0.00	5.62	0
CO27387	CO27386	19.74	3 1-	4ACSR	0	0	438	142	13	1	1	0.01	5.63	0
CO27388	CO27387	19.78	2 1-	4ACSR	0	0	435	141	11	1	1	0.00	5.63	0
CO27332	CO27388	19.88	1 1-	4ACSR	0	0	429	140	11	1	1	0.00	5.64	0
CO27389	CO27388	19.93	1 1-	4ACSR	0	0	425	140	0	0	0	0.00	5.63	0
CO27390	CO27389	20.01	0 1-	4ACSR	0	0	420	139	0	0	0	0.00	5.63	0
CO27331	CO27389	19.99	1 1-	4ACSR	0	0	421	140	0	0	0	0.00	5.63	0
CO27319	CO27318	19.52	15 1-	4ACSR	0	0	453	143	58	8	6	0.07	5.65	7
CO27333	CO27319	19.61	0 1-	4ACSR	0	0	447	143	0	0	0	0.00	5.65	0
CO27391	CO27319	19.71	15 1-	4ACSR	0	0	440	142	58	8	6	0.07	5.72	6
CO27392	CO27391	19.86	14 1-	4ACSR	0	0	430	141	54	7	5	0.05	5.76	4
CO27402	CO27392	20.15	10 1-	4ACSR	0	0	411	138	38	5	4	0.07	5.83	4
CO27403	CO27402	20.16	9 1-	4ACSR	0	0	411	138	34	4	3	0.00	5.83	0
CO27321	CO27403	20.56	9 1-	4ACSR	0	0	388	135	34	4	3	0.09	5.92	5
CO27320	CO27321	20.74	8 1-	4ACSR	0	0	378	134	32	4	3	0.04	5.96	0
CO27407	CO27320	20.86	7 1-	4ACSR	0	0	372	133	32	4	3	0.02	5.98	0
CO-1241716369	CO27407	21.10	7 1-	2ACSR	0	0	362	132	32	4	2	0.03	6.02	0
CO1381945206	CO-1241716369	21.14	6 1-	2ACSR	0	0	361	132	32	4	2	0.01	6.02	0
CO27406	CO1381945206	21.24	6 1-	4ACSR	0	0	356	131	32	4	3	0.02	6.04	0
CO27350	CO27406	21.29	1 1-	2ACSR	0	0	354	131	6	0	0	0.00	6.04	0
CO27409	CO27406	21.25	5 1-	4ACSR	0	0	355	131	26	3	3	0.00	6.04	0
CO27410	CO27409	21.29	4 1-	4ACSR	0	0	353	131	19	2	2	0.01	6.05	0
CO27411	CO27410	21.37	4 1-	4ACSR	0	0	350	130	19	2	2	0.01	6.06	0
CO27336	CO27411	21.43	1 1-	4ACSR	0	0	347	130	10	1	1	0.00	6.06	0
CO27413	CO27411	21.43	3 1-	4ACSR	0	0	347	130	9	1	1	0.00	6.06	0
CO27414	CO27413	21.48	3 1-	4ACSR	0	0	345	130	9	1	1	0.00	6.06	0
CO27415	CO27414	21.63	3 1-	4ACSR	0	0	338	129	9	1	1	0.01	6.07	0
CO27416	CO27415	21.71	3 1-	4ACSR	0	0	335	128	9	1	1	0.00	6.08	0
CO27349	CO27416	21.77	1 1-	2ACSR	0	0	333	128	3	0	0	0.00	6.08	0
CO27412	CO27416	21.77	2 1-	4ACSR	0	0	333	128	6	0	1	0.00	6.08	0
CO27338	CO27412	21.85	1 1-	4ACSR	0	0	329	127	0	0	0	0.00	6.08	0
CO27337	CO27412	21.84	1 1-	4ACSR	0	0	330	127	6	0	1	0.00	6.08	0
CO-1468795069	CO-1241716369	21.16	1 1-	2ACSR	0	0	360	132	0	0	0	0.00	6.02	0
CO1030920528	CO-1468795069	21.20	0 1-	2ACSR	0	0	359	132	0	0	0	0.00	6.02	0
CO27335	CO27320	20.79	1 1-	4ACSR	0	0	375	134	0	0	0	0.00	5.96	0
CO27334	CO27321	20.64	1 1-	4ACSR	0	0	383	135	2	0	0	0.00	5.92	0
CO27404	CO27403	20.36	0 1-	4ACSR	0	0	399	137	0	0	0	0.00	5.83	0
CO27405	CO27404	20.50	0 1-	4ACSR	0	0	391	136	0	0	0	0.00	5.83	0
CO27395	CO27392	19.95	2 1-	4ACSR	0	0	424	140	6	0	1	0.00	5.77	0
CO27396	CO27395	20.02	2 1-	4ACSR	0	0	420	139	6	0	1	0.00	5.77	0
CO27400	CO27396	20.06	1 1-	2ACSR	0	0	417	139	6	0	0	0.00	5.77	0
CO27401	CO27400	20.13	1 1-	2ACSR	0	0	414	139	6	0	0	0.00	5.77	0
CO27397	CO27396	20.14	1 1-	4ACSR	0	0	412	138	0	0	0	0.00	5.77	0
CO27398	CO27397	20.16	1 1-	4ACSR	0	0	411	138	0	0	0	0.00	5.77	0
CO27399	CO27398	20.18	1 1-	4ACSR	0	0	410	138	0	0	0	0.00	5.77	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27393	CO27392	19.89	1 1-	4ACSR	0	0	428	140	2	0	0	0.00	5.76	0
CO27394	CO27393	20.00	1 1-	4ACSR	0	0	421	140	2	0	0	0.00	5.77	0
CO27383	CO27382	19.27	2 1-	4ACSR	0	0	472	145	13	1	1	0.00	5.51	0
CO27384	CO27383	19.32	1 1-	4ACSR	0	0	468	145	4	0	0	0.00	5.51	0
CO27449	CO27381	19.08	23 1-	4ACSR	0	0	487	147	76	10	8	0.00	5.43	0
OC834	CO27449	19.08	23 1-	15 H OCR	0	0	487	147	76	10	71	0.00	5.43	0
CO27450	OC834	19.27	23 1-	4ACSR	0	0	472	145	76	10	8	0.09	5.52	11
CO27327	CO27450	19.39	22 1-	4ACSR	0	0	463	144	75	10	8	0.06	5.58	8
CO27425	CO27327	19.65	18 1-	4ACSR	0	0	444	142	59	8	6	0.10	5.67	9
CO27426	CO27425	19.71	17 1-	4ACSR	0	0	440	142	56	7	6	0.02	5.69	0
CO27328	CO27426	19.80	17 1-	4ACSR	0	0	434	141	56	7	6	0.03	5.72	3
CO27435	CO27328	19.98	9 1-	4ACSR	0	0	422	140	40	5	4	0.05	5.77	3
CO27436	CO27435	20.07	9 1-	4ACSR	0	0	416	139	40	5	4	0.02	5.79	0
CO27437	CO27436	20.13	9 1-	4ACSR	0	0	413	139	40	5	4	0.01	5.81	0
CO27329	CO27437	20.21	5 1-	4ACSR	0	0	408	138	23	3	2	0.01	5.82	0
CO27344	CO27329	20.28	0 1-	4ACSR	0	0	403	137	0	0	0	0.00	5.82	0
CO27443	CO27329	20.26	4 1-	4ACSR	0	0	404	138	21	2	2	0.01	5.83	0
CO27444	CO27443	20.32	4 1-	4ACSR	0	0	401	137	21	2	2	0.01	5.83	0
CO27345	CO27444	20.38	1 1-	4ACSR	0	0	398	137	9	1	1	0.00	5.83	0
CO27447	CO27444	20.38	1 1-	4ACSR	0	0	398	137	3	0	0	0.00	5.83	0
CO27448	CO27447	20.44	1 1-	4ACSR	0	0	394	136	3	0	0	0.00	5.83	0
CO27446	CO27448	20.46	0 1-	4ACSR	0	0	393	136	0	0	0	0.00	5.83	0
CO27445	CO27446	20.53	0 1-	4ACSR	0	0	389	136	0	0	0	0.00	5.83	0
CO27438	CO27437	20.24	4 1-	4ACSR	0	0	406	138	17	2	2	0.01	5.82	0
CO27439	CO27438	20.25	3 1-	4ACSR	0	0	405	138	14	1	1	0.00	5.82	0
CO27343	CO27439	20.46	1 1-	4ACSR	0	0	393	136	4	0	0	0.00	5.82	0
CO27441	CO27439	20.35	2 1-	4ACSR	0	0	399	137	10	1	1	0.01	5.83	0
CO27442	CO27441	20.40	2 1-	4ACSR	0	0	396	137	10	1	1	0.00	5.83	0
CO27440	CO27442	20.42	1 1-	4ACSR	0	0	395	136	0	0	0	0.00	5.83	0
CO27427	CO27328	19.89	8 1-	4ACSR	0	0	428	140	16	2	2	0.01	5.73	0
CO27428	CO27427	19.96	6 1-	4ACSR	0	0	423	140	13	1	1	0.01	5.74	0
CO27429	CO27428	20.03	6 1-	4ACSR	0	0	419	139	13	1	1	0.01	5.74	0
CO27430	CO27429	20.20	6 1-	4ACSR	0	0	408	138	13	1	1	0.01	5.76	0
CO27431	CO27430	20.48	5 1-	4ACSR	0	0	392	136	12	1	1	0.02	5.78	0
CO27432	CO27431	20.69	4 1-	4ACSR	0	0	381	135	8	1	1	0.01	5.79	0
CO27346	CO27432	20.84	2 1-	4ACSR	0	0	373	133	6	0	1	0.00	5.79	0
CO27433	CO27432	20.74	2 1-	4ACSR	0	0	378	134	2	0	0	0.00	5.79	0
CO27434	CO27433	20.78	2 1-	4ACSR	0	0	376	134	2	0	0	0.00	5.79	0
CO30579	CO27434	20.94	1 1-	4ACSR	0	0	367	133	0	0	0	0.00	5.79	0
CO27342	CO27426	19.80	0 1-	4ACSR	0	0	434	141	0	0	0	0.00	5.69	0
CO27417	CO27327	19.59	4 1-	4ACSR	0	0	448	143	17	2	2	0.02	5.60	0
CO27418	CO27417	19.64	3 1-	4ACSR	0	0	445	142	13	1	1	0.00	5.60	0
CO27419	CO27418	19.84	3 1-	4ACSR	0	0	431	141	13	1	1	0.01	5.61	0
CO27420	CO27419	19.88	2 1-	4ACSR	0	0	428	140	10	1	1	0.00	5.62	0
CO27421	CO27420	19.94	2 1-	4ACSR	0	0	424	140	10	1	1	0.00	5.62	0
CO27422	CO27421	19.96	1 1-	4ACSR	0	0	423	140	1	0	0	0.00	5.62	0
CO27423	CO27422	20.01	1 1-	4ACSR	0	0	420	139	1	0	0	0.00	5.62	0
CO27424	CO27423	20.07	1 1-	4ACSR	0	0	416	139	1	0	0	0.00	5.62	0
CO27341	CO27450	19.43	1 1-	4ACSR	0	0	460	144	0	0	0	0.00	5.52	0
CO27373+	CO27325	18.37	2 1-	4ACSR	0	0	377	202	6	0	0	0.00	4.38	0
CO27374+	CO27373	18.59	0 1-	4ACSR	0	0	371	200	0	0	0	0.00	4.38	0
CO27372+	CO27374	18.69	0 1-	4ACSR	0	0	369	199	0	0	0	0.00	4.38	0

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Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27352+	CO27325	18.33	1 1-	2ACSR	0	0	379	202	4	0	0	0.00	4.38	0
CO27367+	CO27326	18.25	2 1-	4ACSR	0	0	381	203	14	0	1	0.00	4.33	0
CO27368+	CO27367	18.32	1 1-	4ACSR	0	0	379	202	5	0	0	0.00	4.33	0
CO27369+	CO27368	18.45	1 1-	4ACSR	0	0	375	201	5	0	0	0.00	4.33	0
CO27370+	CO27369	18.49	1 1-	4ACSR	0	0	374	201	5	0	0	0.00	4.33	0
CO27371+	CO27370	18.54	1 1-	4ACSR	0	0	373	200	5	0	0	0.00	4.33	0
CO27757+	CO27756	17.66	1 1-	4ACSR	0	0	397	208	16	1	1	0.00	4.11	0
CO27758+	CO27757	17.69	1 1-	4ACSR	0	0	397	207	16	1	1	0.00	4.11	0
CO27759+	CO27758	17.74	1 1-	4ACSR	0	0	395	207	16	1	1	0.00	4.11	0
CO27727+	CO27823	17.07	1 1-	2ACSR	0	0	416	213	6	0	0	0.00	3.87	0
CO27715+	CO27697	15.30	1 1-	4ACSR	0	0	482	230	12	0	1	0.00	2.56	0
CO27740+	CO30575	15.07	3 1-	4ACSR	0	0	492	232	11	0	1	0.00	2.39	0
CO1640240897+	CO27740	15.10	1 1-	2ACSR	0	0	491	232	10	0	0	0.00	2.39	0
CO27741+	CO27740	15.12	1 1-	4ACSR	0	0	490	232	1	0	0	0.00	2.39	0
CO27742+	CO27741	15.18	1 1-	4ACSR	0	0	487	231	1	0	0	0.00	2.39	0
CO27461+	CO27667	14.56	15 1-	4ACSR	0	0	515	238	101	6	5	0.02	1.97	3
CO30405+	CO27461	14.70	13 1-	4ACSR	0	0	508	236	97	6	5	0.02	1.99	3
CO27728+	CO30405	14.76	12 1-	4ACSR	0	0	506	236	84	5	4	0.01	2.00	0
CO27729+	CO27728	14.86	12 1-	4ACSR	0	0	501	235	84	5	4	0.01	2.01	0
CO27714+	CO27729	15.03	1 1-	4ACSR	0	0	493	233	3	0	0	0.00	2.01	0
CO27713+	CO27729	14.97	1 1-	4ACSR	0	0	496	233	12	0	1	0.00	2.01	0
CO27730+	CO27729	15.02	10 1-	4ACSR	0	0	494	233	70	4	3	0.02	2.03	0
CO27731+	CO27730	15.11	10 1-	4ACSR	0	0	490	232	70	4	3	0.01	2.04	0
CO27724+	CO27731	15.15	1 1-	4ACSR	0	0	488	232	10	0	0	0.00	2.04	0
CO27732+	CO27731	15.30	9 1-	4ACSR	0	0	482	230	60	4	3	0.02	2.06	0
CO30574+	CO27732	15.39	6 1-	4ACSR	0	0	478	229	55	3	3	0.01	2.06	0
CO27736+	CO30574	15.47	3 1-	4ACSR	0	0	474	228	41	2	2	0.00	2.07	0
CO27737+	CO27736	15.52	2 1-	4ACSR	0	0	473	228	26	1	1	0.00	2.07	0
CO27738+	CO27737	15.61	2 1-	4ACSR	0	0	469	227	26	1	1	0.00	2.07	0
CO27739+	CO27738	15.71	2 1-	4ACSR	0	0	465	226	26	1	1	0.00	2.08	0
CO27712+	CO27739	15.74	1 1-	4ACSR	0	0	464	225	15	1	1	0.00	2.08	0
CO27711+	CO27739	15.75	1 1-	4ACSR	0	0	463	225	12	0	1	0.00	2.08	0
CO27733+	CO30574	15.42	3 1-	4ACSR	0	0	477	229	13	0	1	0.00	2.06	0
CO27734+	CO27733	15.52	2 1-	4ACSR	0	0	473	228	10	0	0	0.00	2.06	0
CO27735+	CO27734	15.57	1 1-	4ACSR	0	0	471	227	2	0	0	0.00	2.06	0
CO27725+	CO30574	15.44	0 1-	4ACSR	0	0	476	228	0	0	0	0.00	2.06	0
CO30446+	CO30405	14.83	1 1-	4ACSR	0	0	503	235	13	0	1	0.00	1.99	0
CO27483+	CO27461	14.58	2 1-	4ACSR	0	0	514	238	4	0	0	0.00	1.97	0
CO27668+	CO27667	14.54	1 1-	4ACSR	0	0	516	238	4	0	0	0.00	1.95	0
CO30453+	CO27668	15.08	0 1-	4ACSR	0	0	491	232	0	0	0	0.00	1.95	0
CO27670+	CO27460	14.18	40 1-	4ACSR	0	0	534	242	157	10	8	0.01	1.70	0
CO27669+	CO27670	14.38	40 1-	4ACSR	0	0	524	240	157	10	8	0.05	1.75	12
CO27472+	CO27669	14.45	1 1-	4ACSR	0	0	520	239	2	0	0	0.00	1.75	0
CO30400+	CO27669	14.54	39 1-	4ACSR	0	0	516	238	155	10	8	0.04	1.79	10
CO27262+	CO30400	14.76	39 1-	4ACSR	0	0	506	236	155	10	8	0.05	1.84	13
CO27261+	CO27262	14.83	37 1-	4ACSR	0	0	503	235	153	10	7	0.01	1.85	4
CO27263+	CO27261	14.99	4 1-	4ACSR	0	0	495	233	4	0	0	0.00	1.85	0
CO27264+	CO27263	15.06	2 1-	4ACSR	0	0	492	233	0	0	0	0.00	1.85	0
CO27265+	CO27264	15.14	1 1-	4ACSR	0	0	489	232	0	0	0	0.00	1.85	0
CO27266+	CO27265	15.50	1 1-	4ACSR	0	0	473	228	0	0	0	0.00	1.85	0
CO27268+	CO27261	15.02	32 1-	4ACSR	0	0	494	233	142	9	7	0.04	1.90	10
CO27270+	CO27268	15.03	31 1-	4ACSR	0	0	493	233	139	9	7	0.00	1.90	0

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LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO27269+	CO27270	15.10	30 1-	4ACSR	0	0	491	232	130	8	6	0.01	1.91	3
CO27210+	CO27269	15.12	2 1-	2ACSR	0	0	490	232	9	0	0	0.00	1.91	0
CO27271+	CO27210	15.21	2 1-	1/0PRIURD	0	0	487	357	9	0	0	0.00	1.91	0
CO27272+	CO27271	15.40	1 1-	1/0PRIURD	0	0	482	355	0	0	0	0.00	1.91	0
CO27267+	CO27269	15.14	28 1-	4ACSR	0	0	488	232	121	8	6	0.01	1.92	0
CO27285+	CO27267	15.25	23 1-	4ACSR	0	0	484	231	94	6	5	0.01	1.93	0
CO27287+	CO27285	15.31	21 1-	4ACSR	0	0	481	230	84	5	4	0.01	1.94	0
CO27286+	CO27287	15.53	20 1-	4ACSR	0	0	472	228	78	5	4	0.03	1.97	3
CO27290+	CO27286	15.65	16 1-	4ACSR	0	0	467	226	60	4	3	0.01	1.98	0
CO27292+	CO27290	15.67	16 1-	4ACSR	0	0	466	226	60	4	3	0.00	1.98	0
CO27291+	CO27292	15.82	15 1-	4ACSR	0	0	460	225	52	3	3	0.01	1.99	0
CO27304+	CO27291	16.02	12 1-	4ACSR	0	0	453	223	49	3	2	0.01	2.01	0
CO27303+	CO27304	16.20	11 1-	4ACSR	0	0	446	221	41	2	2	0.01	2.02	0
CO27208+	CO27303	16.28	1 1-	2ACSR	0	0	444	220	1	0	0	0.00	2.02	0
CO27186+	CO27303	16.26	9 1-	4ACSR	0	0	444	220	32	2	2	0.00	2.02	0
CO27305+	CO27186	16.36	6 1-	4ACSR	0	0	440	219	17	1	1	0.00	2.02	0
CO27306+	CO27305	16.60	6 1-	4ACSR	0	0	432	217	17	1	1	0.01	2.03	0
CO27308+	CO27306	16.71	5 1-	4ACSR	0	0	428	216	13	0	1	0.00	2.03	0
CO27307+	CO27308	16.84	4 1-	4ACSR	0	0	423	215	10	0	1	0.00	2.03	0
CO27312+	CO27307	16.95	3 1-	4ACSR	0	0	420	214	7	0	0	0.00	2.03	0
SW833-B+	CO27312	16.95	0 1-	Open	0	0	420	214	0	0	0	0.00	2.03	0
CO27309+	CO27307	17.11	1 1-	4ACSR	0	0	414	212	3	0	0	0.00	2.03	0
CO27310+	CO27309	17.21	1 1-	4ACSR	0	0	411	212	3	0	0	0.00	2.03	0
CO27197+	CO27186	16.54	2 1-	4ACSR	0	0	434	218	5	0	0	0.00	2.02	0
CO27199+	CO27303	16.34	0 1-	4ACSR	0	0	441	220	0	0	0	0.00	2.02	0
CO27293+	CO27291	15.93	3 1-	4ACSR	0	0	456	224	4	0	0	0.00	1.99	0
CO27294+	CO27293	16.03	3 1-	4ACSR	0	0	452	223	4	0	0	0.00	1.99	0
CO27295+	CO27294	16.10	3 1-	4ACSR	0	0	450	222	4	0	0	0.00	1.99	0
CO27296+	CO27295	16.14	2 1-	2ACSR	0	0	448	222	3	0	0	0.00	1.99	0
CO27297+	CO27296	16.22	2 1-	2ACSR	0	0	446	221	3	0	0	0.00	2.00	0
CO27298+	CO27297	16.28	2 1-	2ACSR	0	0	444	221	3	0	0	0.00	2.00	0
CO27299+	CO27298	16.34	2 1-	2ACSR	0	0	443	220	3	0	0	0.00	2.00	0
CO27300+	CO27299	16.41	2 1-	2ACSR	0	0	441	220	3	0	0	0.00	2.00	0
CO27301+	CO27300	16.46	2 1-	2ACSR	0	0	439	219	3	0	0	0.00	2.00	0
CO27302+	CO27301	16.51	1 1-	2ACSR	0	0	438	219	2	0	0	0.00	2.00	0
CO27288+	CO27286	15.68	3 1-	4ACSR	0	0	466	226	18	1	1	0.00	1.97	0
CO27198+	CO27288	15.72	1 1-	4ACSR	0	0	464	226	5	0	0	0.00	1.97	0
CO27289+	CO27288	15.72	1 1-	4ACSR	0	0	464	226	4	0	0	0.00	1.97	0
CO27211+	CO27285	15.30	1 1-	2ACSR	0	0	482	230	0	0	0	0.00	1.93	0
CO27273+	CO27267	15.23	5 1-	4ACSR	0	0	485	231	27	1	1	0.00	1.92	0
CO27274+	CO27273	15.27	5 1-	4ACSR	0	0	483	230	27	1	1	0.00	1.92	0
CO27200+	CO27274	15.30	0 1-	4ACSR	0	0	482	230	0	0	0	0.00	1.92	0
CO27275+	CO27274	15.34	5 1-	4ACSR	0	0	480	230	27	1	1	0.00	1.93	0
CO27276+	CO27275	15.52	5 1-	4ACSR	0	0	472	228	27	1	1	0.01	1.93	0
CO27279+	CO27276	15.58	3 1-	4ACSR	0	0	470	227	16	1	1	0.00	1.94	0
CO27283+	CO27279	15.62	2 1-	2ACSR	0	0	469	227	3	0	0	0.00	1.94	0
CO27284+	CO27283	15.69	2 1-	2ACSR	0	0	467	226	3	0	0	0.00	1.94	0
CO27616+	CO27284	15.76	2 1-	2ACSR	0	0	464	226	3	0	0	0.00	1.94	0
CO27617+	CO27616	15.83	2 1-	2ACSR	0	0	462	225	3	0	0	0.00	1.94	0
CO27615+	CO27617	15.98	2 1-	2ACSR	0	0	458	224	3	0	0	0.00	1.94	0
CO27614+	CO27615	16.28	2 1-	2ACSR	0	0	448	222	3	0	0	0.00	1.94	0
CO27281+	CO27279	15.66	1 1-	4ACSR	0	0	467	226	13	0	1	0.00	1.94	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27282+	CO27281	15.74	1 1-	4ACSR	0	0	464	225	13	0	1	0.00	1.94	0
CO27280+	CO27282	15.82	1 1-	4ACSR	0	0	461	225	13	0	1	0.00	1.94	0
CO27277+	CO27276	15.58	2 1-	4ACSR	0	0	470	227	11	0	1	0.00	1.94	0
CO27278+	CO27277	15.64	2 1-	4ACSR	0	0	467	226	11	0	1	0.00	1.94	0
CO27459+	CO-419309368	14.20	4 1-	4ACSR	0	0	532	242	16	1	1	0.00	1.69	0
CO27482+	CO27459	14.22	1 1-	4ACSR	0	0	530	241	2	0	0	0.00	1.69	0
CO27661+	CO27459	14.32	3 1-	4ACSR	0	0	526	240	14	0	1	0.00	1.69	0
CO27662+	CO27661	14.43	2 1-	4ACSR	0	0	520	239	5	0	0	0.00	1.69	0
CO27663+	CO27662	14.54	1 1-	4ACSR	0	0	515	238	0	0	0	0.00	1.69	0
CO27664+	CO27663	14.61	0 1-	4ACSR	0	0	511	237	0	0	0	0.00	1.69	0
CO27665+	CO27664	14.77	0 1-	4ACSR	0	0	504	235	0	0	0	0.00	1.69	0
CO-858230844+	CO-1869686288	13.81	1 1-	2ACSR	0	0	549	245	0	0	0	0.00	1.61	0
CO27683+	CO27635	13.02	114 3-	1/0ACSR	769	727	580	251	522	11	5	0.00	1.49	0
OC966+	CO27683	13.02	114 3-	35 E OCR	769	727	580	251	522	11	34	0.00	1.49	0
CO27684+	OC966	13.13	114 3-	1/0ACSR	763	722	575	250	522	11	5	0.01	1.50	9
CO27457+	CO27684	13.27	110 3-	1/0ACSR	756	715	570	249	511	11	5	0.01	1.52	11
CO27471+	CO27457	13.33	109 3-	1/0ACSR	753	712	567	248	509	11	5	0.01	1.53	5
CO27640+	CO27471	13.46	105 3-	1/0ACSR	747	707	562	248	498	11	5	0.01	1.54	10
CO27641+	CO27640	13.50	105 3-	1/0ACSR	745	705	561	247	497	11	5	0.00	1.54	3
CO27454+	CO27641	13.54	104 3-	1/0ACSR	743	703	559	247	489	11	5	0.00	1.55	3
CO27647+	CO27454	13.61	103 3-	1/0ACSR	740	700	556	247	487	11	5	0.01	1.55	5
CO27646+	CO27647	13.68	103 3-	1/0ACSR	737	697	554	246	487	11	5	0.01	1.56	4
XFMR68	CO27646	13.68	102 3-	500 KVA 1PH AUT	813	767	685	161	474	10	31	0.22	1.90	0
CO27679	XFMR68	13.68	18 1-	6ACWC	0	0	684	161	110	15	11	0.00	1.79	0
OC839	CO27679	13.68	18 1-	15 H OCR	0	0	684	161	110	15	100	0.00	1.79	0
CO27680	OC839	13.71	18 1-	6ACWC	0	0	680	161	110	15	11	0.02	1.81	3
CO27648	CO27680	13.93	18 1-	6ACWC	0	0	649	159	110	15	11	0.15	1.95	26
CO27649	CO27648	14.27	16 1-	6ACWC	0	0	606	155	106	14	10	0.22	2.17	38
CO27476	CO27649	14.32	1 1-	6ACWC	0	0	601	155	9	1	1	0.00	2.17	0
CO27455	CO27649	14.39	14 1-	6ACWC	0	0	592	154	95	13	9	0.07	2.24	11
CO27477	CO27455	14.44	1 1-	6ACWC	0	0	587	154	11	1	1	0.00	2.24	0
CO27650	CO27455	14.54	13 1-	6ACWC	0	0	575	153	83	11	8	0.08	2.32	10
CO27651	CO27650	14.61	12 1-	6ACWC	0	0	568	152	82	11	8	0.03	2.35	4
CO30403	CO27651	14.82	11 1-	6ACWC	0	0	546	151	74	10	7	0.09	2.44	10
CO27913	CO30403	14.91	10 1-	6ACWC	0	0	537	150	65	8	6	0.04	2.48	4
CO27841	CO27913	15.14	0 1-	6ACWC	0	0	515	148	0	0	0	0.00	2.48	0
CO27914	CO27913	15.02	10 1-	6ACWC	0	0	527	149	65	8	6	0.04	2.52	4
CO27915	CO27914	15.13	8 1-	6ACWC	0	0	516	148	55	7	5	0.04	2.55	3
CO27916	CO27915	15.18	7 1-	6ACWC	0	0	512	148	52	7	5	0.02	2.57	0
CO27917	CO27916	15.32	7 1-	6ACWC	0	0	499	146	52	7	5	0.05	2.62	4
CO27918	CO27917	15.46	7 1-	6ACWC	0	0	487	145	52	7	5	0.05	2.66	4
CO27919	CO27918	15.52	7 1-	6ACWC	0	0	482	145	52	7	5	0.02	2.68	0
CO27920	CO27919	15.58	6 1-	6ACWC	0	0	478	144	49	6	5	0.02	2.70	0
CO27921	CO27920	15.68	6 1-	6ACWC	0	0	469	144	49	6	5	0.03	2.73	2
CO27922	CO27921	15.74	6 1-	6ACWC	0	0	465	143	49	6	5	0.02	2.74	0
CO27923	CO27922	15.79	5 1-	6ACWC	0	0	461	143	45	6	4	0.02	2.76	0
CO27829	CO27923	15.94	4 1-	6ACWC	0	0	450	142	38	5	4	0.03	2.78	0
CO27843	CO27829	16.05	2 1-	6ACWC	0	0	442	141	8	1	1	0.00	2.79	0
CO27924	CO27829	16.09	1 1-	6ACWC	0	0	439	140	11	1	1	0.01	2.79	0
CO27925	CO27924	16.14	1 1-	6ACWC	0	0	435	140	11	1	1	0.00	2.80	0
CO27926	CO27925	16.30	1 1-	4ACSR	0	0	425	139	11	1	1	0.01	2.81	0
CO27982	CO27926	16.47	1 1-	4ACSR	0	0	414	138	11	1	1	0.01	2.81	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SW860-B	CO27982	16.47	0 1-	Open	0	0	414	138	0	0	0	0.00	2.81	0
CO27842	CO27923	15.87	1 1-	6ACWC	0	0	455	142	7	1	1	0.00	2.76	0
CO30408	CO27651	14.73	1 1-	6ACWC	0	0	556	151	9	1	1	0.00	2.36	0
CO27652	XFMR68	13.71	84 1-	6ACWC	0	0	680	161	365	50	36	0.08	2.44	45
CO27653	CO27652	13.76	83 1-	6ACWC	0	0	673	160	355	48	35	0.11	2.54	60
CO36281948	CO27653	13.80	1 1-	2ACSR	0	0	668	160	12	1	1	0.00	2.54	0
CO27654	CO27653	13.96	80 1-	6ACWC	0	0	646	158	332	45	33	0.41	2.96	221
CO27655	CO27654	14.14	79 1-	6ACWC	0	0	623	157	324	44	32	0.36	3.31	187
CO30402	CO27655	14.43	76 1-	6ACWC	0	0	588	154	319	44	32	0.57	3.88	298
CO27832	CO30402	14.54	37 1-	6ACWC	0	0	576	153	132	18	13	0.09	3.98	20
CO27950	CO27832	14.58	35 1-	6ACWC	0	0	571	153	127	17	13	0.03	4.01	6
CO30412	CO27950	14.81	34 1-	6ACWC	0	0	547	151	116	16	12	0.16	4.17	31
CO27998	CO30412	14.93	32 1-	6ACWC	0	0	535	150	113	15	11	0.09	4.26	16
CO27999	CO27998	15.00	31 1-	6ACWC	0	0	529	149	112	15	11	0.04	4.30	8
CO27990	CO27999	15.17	16 1-	6ACWC	0	0	512	148	57	7	6	0.06	4.36	6
CO30413	CO27990	15.36	14 1-	6ACWC	0	0	496	146	49	6	5	0.05	4.42	4
CO27704	CO30413	15.43	10 1-	6ACWC	0	0	489	146	31	4	3	0.01	4.43	0
CO30447	CO27704	15.53	3 1-	6ACWC	0	0	481	145	13	1	1	0.00	4.44	0
CO27672	CO30447	15.58	1 1-	6ACWC	0	0	477	144	3	0	0	0.00	4.44	0
CO27671	CO27672	15.62	1 1-	6ACWC	0	0	474	144	3	0	0	0.00	4.44	0
CO27705	CO27704	15.53	7 1-	6ACWC	0	0	482	145	17	2	2	0.01	4.44	0
CO27797	CO27705	15.60	2 1-	6ACWC	0	0	475	144	7	0	1	0.00	4.44	0
CO27798	CO27797	15.64	1 1-	6ACWC	0	0	473	144	7	0	1	0.00	4.45	0
CO27799	CO27798	15.71	1 1-	6ACWC	0	0	467	143	7	0	1	0.00	4.45	0
CO30448	CO27705	15.60	3 1-	6ACWC	0	0	475	144	7	0	1	0.00	4.44	0
CO27789	CO30413	15.49	2 1-	4ACSR	0	0	485	145	0	0	0	0.00	4.42	0
CO27790	CO27789	15.67	2 1-	4ACSR	0	0	470	144	0	0	0	0.00	4.42	0
CO27794	CO27790	15.73	1 1-	4ACSR	0	0	465	143	0	0	0	0.00	4.42	0
CO27795	CO27794	15.83	1 1-	4ACSR	0	0	457	142	0	0	0	0.00	4.42	0
CO27796	CO27795	15.93	1 1-	4ACSR	0	0	450	142	0	0	0	0.00	4.42	0
CO27791	CO27790	15.73	1 1-	4ACSR	0	0	465	143	0	0	0	0.00	4.42	0
CO27792	CO27791	15.79	1 1-	4ACSR	0	0	460	143	0	0	0	0.00	4.42	0
CO27793	CO27792	15.84	1 1-	4ACSR	0	0	457	142	0	0	0	0.00	4.42	0
CO27726	CO30413	15.42	1 1-	2ACSR	0	0	492	146	11	1	1	0.00	4.42	0
CO28000	CO27990	15.21	2 1-	6ACWC	0	0	509	147	8	1	1	0.00	4.37	0
CO27997	CO28000	15.22	1 1-	6ACWC	0	0	508	147	0	0	0	0.00	4.37	0
CO28001	CO28000	15.23	1 1-	6ACWC	0	0	507	147	8	1	1	0.00	4.37	0
CO28002	CO27999	15.07	14 1-	6ACWC	0	0	521	148	50	6	5	0.02	4.32	0
CO28003	CO28002	15.23	13 1-	6ACWC	0	0	507	147	43	5	4	0.04	4.36	3
CO30454	CO28003	15.53	12 1-	6ACWC	0	0	482	145	43	5	4	0.08	4.45	6
CO27721	CO30454	15.70	0 1-	6ACWC	0	0	468	143	0	0	0	0.00	4.45	0
CO27707	CO30454	15.76	10 1-	6ACWC	0	0	464	143	35	4	4	0.05	4.50	3
CO27720	CO27707	15.94	0 1-	6ACWC	0	0	450	142	0	0	0	0.00	4.50	0
CO27706	CO27707	16.07	10 1-	6ACWC	0	0	440	141	35	4	4	0.07	4.57	4
CO27708	CO27706	16.17	10 1-	6ACWC	0	0	434	140	35	4	4	0.02	4.59	0
CO27803	CO27708	16.35	10 1-	6ACWC	0	0	421	138	35	4	4	0.04	4.63	2
CO27804	CO27803	16.75	10 1-	6ACWC	0	0	397	136	35	4	4	0.09	4.71	5
CO27809	CO27804	16.82	4 1-	6ACWC	0	0	393	135	23	3	2	0.01	4.72	0
CO27810	CO27809	16.96	2 1-	6ACWC	0	0	385	134	17	2	2	0.01	4.73	0
CO27811	CO27810	17.01	1 1-	6ACWC	0	0	383	134	9	1	1	0.00	4.74	0
CO27812	CO27811	17.06	1 1-	6ACWC	0	0	380	133	9	1	1	0.00	4.74	0
CO27805	CO27804	16.81	6 1-	6ACWC	0	0	394	135	12	1	1	0.00	4.72	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27807	CO27805	16.86	3 1-	6ACWC	0	0	391	135	5	0	1	0.00	4.72	0
CO27808	CO27807	16.90	1 1-	6ACWC	0	0	388	135	0	0	0	0.00	4.72	0
CO27806	CO27805	16.84	2 1-	6ACWC	0	0	392	135	4	0	0	0.00	4.72	0
CO27813	CO27708	16.34	0 1-	6ACWC	0	0	422	139	0	0	0	0.00	4.59	0
CO27814	CO27813	16.57	0 1-	6ACWC	0	0	408	137	0	0	0	0.00	4.59	0
CO27824	CO27706	16.08	0 1-	4ACSR	0	0	440	141	0	0	0	0.00	4.57	0
SW852-A	CO27824	16.08	0 1-	Open	0	0	440	141	0	0	0	0.00	4.57	0
CO27800	CO30454	15.63	2 1-	6ACWC	0	0	473	144	8	1	1	0.00	4.45	0
CO27801	CO27800	15.75	2 1-	6ACWC	0	0	464	143	8	1	1	0.01	4.46	0
CO27802	CO27801	15.77	1 1-	6ACWC	0	0	462	143	7	0	1	0.00	4.46	0
CO27996	CO28003	15.26	1 1-	6ACWC	0	0	504	147	0	0	0	0.00	4.36	0
CO27995	CO30412	14.86	2 1-	6ACWC	0	0	542	150	3	0	0	0.00	4.17	0
CO27850	CO27832	14.59	2 1-	4ACSR	0	0	571	153	5	0	0	0.00	3.98	0
CO27973	CO30402	14.44	39 1-	6ACWC	0	0	588	154	186	25	19	0.01	3.89	2
OC855	CO27973	14.44	39 1-	35 H OCR	0	0	588	154	186	25	74	0.00	3.89	0
CO27974	OC855	14.49	39 1-	6ACWC	0	0	582	154	186	25	19	0.06	3.95	18
CO27953	CO27974	14.76	39 1-	6ACWC	0	0	552	151	186	25	19	0.32	4.27	98
CO27952	CO27953	14.97	39 1-	6ACWC	0	0	531	149	186	25	19	0.24	4.51	74
CO27951	CO27952	15.21	39 1-	6ACWC	0	0	508	147	185	25	19	0.28	4.79	85
CO27827	CO27951	15.54	33 1-	6ACWC	0	0	481	145	165	23	17	0.33	5.12	91
CO27839	CO27827	15.57	0 1-	6ACWC	0	0	478	144	0	0	0	0.00	5.12	0
CO27959	CO27827	15.61	33 1-	6ACWC	0	0	475	144	164	23	17	0.08	5.20	21
CO27960	CO27959	15.69	33 1-	6ACWC	0	0	469	144	164	23	17	0.08	5.28	20
CO27828	CO27960	15.82	1 1-	6ACWC	0	0	459	142	20	2	2	0.02	5.30	0
CO27961	CO27828	16.03	1 1-	6ACWC	0	0	443	141	20	2	2	0.03	5.32	0
CO-651747854	CO27961	16.18	1 1-	2ACSR	0	0	435	140	20	2	2	0.01	5.34	0
CO1080712817	CO-651747854	16.29	1 1-	2ACSR	0	0	429	140	20	2	2	0.00	5.34	0
CO187874155	CO-651747854	16.25	0 1-	2ACSR	0	0	431	140	0	0	0	0.00	5.34	0
CO27840	CO27828	15.92	0 1-	6ACWC	0	0	452	142	0	0	0	0.00	5.30	0
CO27963	CO27960	15.75	30 1-	6ACWC	0	0	464	143	135	19	14	0.05	5.32	10
CO27964	CO27963	15.80	28 1-	6ACWC	0	0	460	143	118	16	12	0.04	5.37	8
CO27965	CO27964	16.03	26 1-	6ACWC	0	0	443	141	115	16	12	0.16	5.53	30
CO-1405203418	CO27965	16.10	1 1-	2ACSR	0	0	439	140	2	0	0	0.00	5.53	0
CO27969	CO27965	16.18	23 1-	6ACWC	0	0	433	140	100	14	10	0.09	5.62	14
CO27970	CO27969	16.36	22 1-	6ACWC	0	0	421	138	88	12	9	0.10	5.71	15
CO27968	CO27970	16.50	22 1-	6ACWC	0	0	412	137	88	12	9	0.08	5.80	12
CO27851	CO27968	16.54	0 1-	6ACWC	0	0	410	137	0	0	0	0.00	5.80	0
CO27972	CO27968	16.52	21 1-	6ACWC	0	0	411	137	88	12	9	0.01	5.80	0
CO30415	CO27972	16.73	20 1-	6ACWC	0	0	398	136	80	11	8	0.11	5.91	14
CO30416	CO30415	16.83	2 1-	6ACWC	0	0	393	135	11	1	1	0.00	5.92	0
CO28009	CO30415	16.83	17 1-	6ACWC	0	0	393	135	69	9	7	0.04	5.95	5
CO28010	CO28009	16.92	16 1-	6ACWC	0	0	388	134	67	9	7	0.04	5.99	4
CO27994	CO28010	17.01	0 1-	6ACWC	0	0	383	134	0	0	0	0.00	5.99	0
CO28004	CO28010	17.05	12 1-	6ACWC	0	0	380	134	58	8	6	0.05	6.04	4
CO28005	CO28004	17.07	11 1-	6ACWC	0	0	379	133	50	7	5	0.00	6.04	0
CO-2067992902	CO28005	17.11	0 1-	2ACSR	0	0	378	133	0	0	0	0.00	6.04	0
CO30462	CO28005	17.20	9 1-	6ACWC	0	0	372	133	34	4	3	0.03	6.07	0
CO30285	CO30462	17.39	7 1-	6ACWC	0	0	363	131	21	3	2	0.03	6.09	0
CO30286	CO30285	17.45	7 1-	6ACWC	0	0	360	131	21	3	2	0.01	6.10	0
CO30284	CO30286	17.50	6 1-	6ACWC	0	0	358	131	21	2	2	0.01	6.11	0
CO30287	CO30284	17.55	5 1-	6ACWC	0	0	356	130	21	2	2	0.01	6.11	0
CO30288	CO30287	17.67	5 1-	6ACWC	0	0	350	129	21	2	2	0.02	6.13	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30283	CO30288	17.76	4 1-	2ACSR	0	0	347	129	20	2	2	0.01	6.14	0
CO30289	CO30283	17.82	3 1-	2ACSR	0	0	344	129	7	1	1	0.00	6.14	0
CO30290	CO30289	17.86	1 1-	2ACSR	0	0	343	129	2	0	0	0.00	6.14	0
CO30291	CO30290	17.91	1 1-	2ACSR	0	0	341	128	2	0	0	0.00	6.14	0
CO30282	CO30283	17.85	1 1-	2ACSR	0	0	344	129	13	1	1	0.00	6.14	0
CO30281	CO30462	17.30	1 1-	6ACWC	0	0	368	132	6	0	1	0.00	6.07	0
CO28007	CO28010	16.96	1 1-	6ACWC	0	0	386	134	3	0	0	0.00	5.99	0
CO28008	CO28007	17.03	1 1-	6ACWC	0	0	381	134	3	0	0	0.00	5.99	0
CO28006	CO28010	17.00	1 1-	4ACSR	0	0	383	134	3	0	0	0.00	5.99	0
CO30516	CO28006	17.11	1 1-	4ACSR	0	0	377	133	3	0	0	0.00	5.99	0
CO27971	CO27968	16.61	1 1-	6ACWC	0	0	406	137	0	0	0	0.00	5.80	0
CO30414	CO27971	16.74	1 1-	6ACWC	0	0	398	136	0	0	0	0.00	5.80	0
CO27966	CO27965	16.06	1 1-	2ACSR	0	0	442	141	5	0	0	0.00	5.53	0
CO27967	CO27966	16.16	1 1-	2ACSR	0	0	436	140	5	0	0	0.00	5.53	0
CO27956	CO27827	15.58	0 1-	6ACWC	0	0	477	144	0	0	0	0.00	5.12	0
CO27957	CO27956	15.70	0 1-	6ACWC	0	0	468	143	0	0	0	0.00	5.12	0
CO27958	CO27957	15.77	0 1-	6ACWC	0	0	462	143	0	0	0	0.00	5.12	0
CO27826	CO27951	15.38	4 1-	6ACWC	0	0	494	146	14	1	1	0.01	4.81	0
CO27954	CO27826	15.46	1 1-	4ACSR	0	0	487	145	3	0	0	0.00	4.81	0
CO27955	CO27954	15.56	1 1-	4ACSR	0	0	479	145	3	0	0	0.00	4.81	0
CO27847	CO27826	15.41	2 1-	4ACSR	0	0	491	146	5	0	1	0.00	4.81	0
CO27838	CO27826	15.42	1 1-	4ACSR	0	0	491	146	6	0	1	0.00	4.81	0
CO27656	CO27655	14.20	2 1-	6ACWC	0	0	615	156	3	0	0	0.00	3.31	0
CO30452	CO27656	14.31	1 1-	6ACWC	0	0	602	155	2	0	0	0.00	3.31	0
CO27642+	CO27641	13.59	1 1-	4ACSR	0	0	556	246	8	0	0	0.00	1.54	0
CO27643+	CO27642	13.64	0 1-	4ACSR	0	0	553	246	0	0	0	0.00	1.54	0
CO27644+	CO27643	13.73	0 1-	4ACSR	0	0	548	245	0	0	0	0.00	1.54	0
CO27645+	CO27644	13.76	0 1-	4ACSR	0	0	546	244	0	0	0	0.00	1.54	0
CO27479+	CO27471	13.47	3 1-	4ACSR	0	0	560	247	4	0	0	0.00	1.53	0
CO27636+	CO27684	13.28	4 1-	6ACWC	0	0	567	248	11	0	1	0.00	1.51	0
CO27637+	CO27636	13.42	3 1-	6ACWC	0	0	559	246	7	0	0	0.00	1.51	0
CO27481+	CO27637	13.48	0 1-	6ACWC	0	0	555	246	0	0	0	0.00	1.51	0
CO27458+	CO27637	13.70	3 1-	6ACWC	0	0	544	243	7	0	0	0.00	1.51	0
CO27638+	CO27458	13.81	2 1-	6ACWC	0	0	538	242	6	0	0	0.00	1.51	0
CO27639+	CO27638	13.86	1 1-	6ACWC	0	0	535	241	0	0	0	0.00	1.51	0
CO27480+	CO27458	13.87	0 1-	6ACWC	0	0	534	241	0	0	0	0.00	1.51	0
CO27627+	CO27626	12.62	3 1-	4ACSR	0	0	593	252	26	1	1	0.01	1.37	0
CO27628+	CO27627	12.69	2 1-	4ACSR	0	0	588	251	21	1	1	0.00	1.38	0
CO-1170793196+	CO27628	12.77	1 1-	2ACSR	0	0	584	251	11	0	0	0.00	1.38	0
CO27475+	CO27453	12.42	2 1-	4ACSR	0	0	602	254	2	0	0	0.00	1.33	0
CO27474+	CO27624	12.34	1 1-	4ACSR	0	0	606	255	1	0	0	0.00	1.32	0
CO27501+	CO27468	11.28	1 1-	4ACSR	0	0	657	262	0	0	0	0.00	1.08	0
CO27677+	CO27575	11.04	28 1-	4ACSR	0	0	670	264	103	7	5	0.00	1.04	0
OC838+	CO27677	11.04	28 1-	E OCR	0	0	670	264	103	7	28	0.00	1.04	0
CO27678+	OC838	11.07	28 1-	4ACSR	0	0	668	264	103	7	5	0.00	1.04	0
CO2048340852+	CO27678	11.13	1 1-	2ACSR	0	0	664	263	8	0	0	0.00	1.04	0
CO27579+	CO27678	11.17	26 1-	4ACSR	0	0	659	262	90	6	4	0.01	1.06	0
CO27580+	CO27579	11.22	26 1-	4ACSR	0	0	656	261	90	6	4	0.01	1.06	0
CO27508+	CO27580	11.33	1 1-	2ACSR	0	0	649	260	2	0	0	0.00	1.06	0
CO27578+	CO27580	11.28	23 1-	4ACSR	0	0	651	261	80	5	4	0.01	1.07	0
CO27498+	CO27578	11.30	1 1-	4ACSR	0	0	650	260	3	0	0	0.00	1.07	0
CO27581+	CO27578	11.42	21 1-	4ACSR	0	0	641	259	77	5	4	0.02	1.09	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27582+	CO27581	11.45	20 1-	4ACSR	0	0	639	258	75	5	4	0.00	1.09	0
CO27583+	CO27582	11.51	20 1-	4ACSR	0	0	634	258	75	5	4	0.01	1.10	0
CO27497+	CO27583	11.55	0 1-	4ACSR	0	0	632	257	0	0	0	0.00	1.10	0
CO27584+	CO27583	11.67	20 1-	4ACSR	0	0	623	256	75	5	4	0.02	1.12	0
CO27585+	CO27584	12.07	20 1-	4ACSR	0	0	596	250	75	5	4	0.04	1.16	5
CO27586+	CO27585	12.17	19 1-	4ACSR	0	0	589	249	64	4	3	0.01	1.17	0
CO27466+	CO27586	12.24	17 1-	4ACSR	0	0	585	248	59	4	3	0.01	1.18	0
CO27592+	CO27466	12.27	13 1-	4ACSR	0	0	583	248	55	3	3	0.00	1.18	0
CO27593+	CO27592	12.38	12 1-	4ACSR	0	0	576	247	52	3	3	0.01	1.19	0
CO27594+	CO27593	12.65	11 1-	4ACSR	0	0	560	244	52	3	3	0.02	1.21	0
CO27509+	CO27594	12.73	1 1-	2ACSR	0	0	557	243	5	0	0	0.00	1.21	0
CO27595+	CO27594	12.70	8 1-	4ACSR	0	0	558	243	41	2	2	0.00	1.21	0
CO27596+	CO27595	12.77	8 1-	4ACSR	0	0	553	242	41	2	2	0.00	1.22	0
CO27597+	CO27596	12.85	8 1-	4ACSR	0	0	549	241	41	2	2	0.00	1.22	0
CO27598+	CO27597	13.04	8 1-	4ACSR	0	0	539	239	41	2	2	0.01	1.23	0
CO27608+	CO27598	13.23	6 1-	4ACSR	0	0	528	237	36	2	2	0.01	1.24	0
CO27609+	CO27608	13.26	6 1-	4ACSR	0	0	527	237	36	2	2	0.00	1.24	0
CO27610+	CO27609	13.29	5 1-	4ACSR	0	0	525	236	36	2	2	0.00	1.25	0
CO30573+	CO27610	13.32	4 1-	4ACSR	0	0	524	236	33	2	2	0.00	1.25	0
CO27611+	CO30573	13.40	4 1-	4ACSR	0	0	520	235	33	2	2	0.00	1.25	0
CO27484+	CO27611	13.43	1 1-	4ACSR	0	0	518	235	3	0	0	0.00	1.25	0
CO27612+	CO27611	13.44	3 1-	4ACSR	0	0	518	235	30	2	1	0.00	1.25	0
CO27613+	CO27612	13.47	2 1-	4ACSR	0	0	516	234	25	1	1	0.00	1.25	0
CO27599+	CO27598	13.09	1 1-	4ACSR	0	0	536	239	0	0	0	0.00	1.23	0
CO27600+	CO27599	13.16	0 1-	4ACSR	0	0	532	238	0	0	0	0.00	1.23	0
CO27478+	CO27595	12.72	0 1-	4ACSR	0	0	556	243	0	0	0	0.00	1.21	0
CO27589+	CO27466	12.37	4 1-	4ACSR	0	0	577	247	4	0	0	0.00	1.18	0
CO27590+	CO27589	12.40	4 1-	4ACSR	0	0	575	246	4	0	0	0.00	1.18	0
CO27591+	CO27590	12.79	2 1-	4ACSR	0	0	552	242	0	0	0	0.00	1.18	0
CO30451+	CO27591	13.09	1 1-	4ACSR	0	0	536	238	0	0	0	0.00	1.18	0
CO27506+	CO27586	12.22	0 1-	2ACSR	0	0	587	249	0	0	0	0.00	1.17	0
CO27587+	CO27586	12.38	2 1-	4ACSR	0	0	576	247	5	0	0	0.00	1.17	0
CO27588+	CO27587	12.50	1 1-	4ACSR	0	0	569	245	3	0	0	0.00	1.17	0
CO27496+	CO27587	12.44	0 1-	4ACSR	0	0	573	246	0	0	0	0.00	1.17	0
CO27507+	CO27574	10.99	1 1-	2ACSR	0	0	672	264	0	0	0	0.00	1.01	0
CO27576+	CO27688	11.01	1 1-	2ACSR	0	0	670	264	0	0	0	0.00	1.01	0
CO27577+	CO27576	11.07	1 1-	2ACSR	0	0	667	263	0	0	0	0.00	1.01	0
CO27572+	CO27567	10.70	2 1-	2ACSR	0	0	688	266	1	0	0	0.00	0.94	0
CO27573+	CO27572	10.84	2 1-	2ACSR	0	0	679	265	1	0	0	0.00	0.94	0
CO-1473922728+	CO27573	10.87	1 1-	1/0PRIURD	0	0	677	451	1	0	0	0.00	0.94	0
CO-819648525+	CO-1473922728	11.00	1 1-	1/0PRIURD	0	0	670	448	1	0	0	0.00	0.94	0
CO27561+	CO27557	10.47	374 3-	1/0ACSR	919	868	701	268	1946	44	19	0.05	0.91	139
CO27562+	CO27561	10.52	373 3-	1/0ACSR	916	864	698	268	1943	44	19	0.02	0.93	58
CO27560+	CO27562	10.57	371 3-	1/0ACSR	913	862	696	267	1939	44	19	0.02	0.95	48
CO27469+	CO27560	10.59	370 3-	1/0ACSR	911	860	694	267	1935	44	19	0.01	0.96	32
CO27563+	CO27469	10.63	369 3-	1/0ACSR	908	857	692	267	1931	44	19	0.01	0.97	38
CO27564+	CO27563	10.69	368 3-	1/0ACSR	904	854	689	266	1921	43	19	0.02	1.00	66
CO30407+	CO27564	10.80	255 3-	1/0ACSR	897	847	683	266	1329	30	13	0.03	1.02	56
CO27881+	CO30407	10.88	255 3-	1/0ACSR	892	842	679	265	1329	30	13	0.02	1.04	43
CO27882+	CO27881	11.00	254 3-	1/0ACSR	884	834	672	264	1326	30	13	0.03	1.08	61
CO27883+	CO27882	11.09	253 3-	1/0ACSR	878	829	667	264	1323	30	13	0.02	1.10	49
CO27884+	CO27883	11.19	253 3-	1/0ACSR	872	823	662	263	1323	30	13	0.02	1.13	49

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27833+	CO27884	11.31	252 3-	1/0ACSR	864	816	656	262	1311	29	13	0.03	1.16	63
CO27860+	CO27833	11.40	2 1-	4ACSR	0	0	649	261	5	0	0	0.00	1.16	0
CO27885+	CO27833	11.39	250 3-	1/0ACSR	859	811	652	261	1306	29	13	0.02	1.18	40
CO27886+	CO27885	11.47	249 3-	1/0ACSR	854	807	648	261	1303	29	13	0.02	1.20	39
CO27887+	CO27886	11.51	248 3-	1/0ACSR	851	804	646	261	1301	29	13	0.01	1.21	23
CO27888+	CO27887	11.67	247 3-	1/0ACSR	842	795	639	260	1298	29	13	0.04	1.25	77
CO27858+	CO27888	11.80	1 1-	4ACSR	0	0	629	258	10	0	0	0.00	1.25	0
CO27834+	CO27888	11.86	246 3-	1/0ACSR	831	785	630	258	1288	29	13	0.05	1.30	93
CO27977+	CO27834	11.86	58 1-	4ACSR	0	0	629	258	249	17	12	0.00	1.30	0
OC854+	CO27977	11.86	58 1-	50 H OCR	0	0	629	258	249	17	34	0.00	1.30	0
XFMR67	OC854	11.86	58 1-	333 KVA 1PH AUT	0	0	691	163	249	17	74	0.62	1.92	0
CO27978	XFMR67	11.96	58 1-	4ACSR	0	0	677	162	249	34	24	0.15	2.07	60
CO27889	CO27978	12.06	57 1-	4ACSR	0	0	663	161	246	33	24	0.16	2.23	64
CO27890	CO27889	12.39	57 1-	4ACSR	0	0	622	158	246	33	24	0.49	2.72	197
CO27975	CO27890	12.39	3 1-	4ACSR	0	0	621	158	10	1	1	0.00	2.73	0
OC853	CO27975	12.39	3 1-	25 H OCR	0	0	621	158	10	1	5	0.00	2.73	0
CO27976	OC853	12.63	3 1-	4ACSR	0	0	593	155	10	1	1	0.01	2.74	0
CO27903	CO27976	12.89	3 1-	4ACSR	0	0	564	153	10	1	1	0.02	2.75	0
CO27904	CO27903	12.98	3 1-	4ACSR	0	0	554	152	10	1	1	0.01	2.76	0
CO27835	CO27904	13.40	1 1-	4ACSR	0	0	514	149	0	0	0	0.00	2.76	0
CO27859	CO27835	13.45	1 1-	4ACSR	0	0	510	148	0	0	0	0.00	2.76	0
CO27907	CO27835	13.57	0 1-	4ACSR	0	0	499	147	0	0	0	0.00	2.76	0
CO27908	CO27907	13.78	0 1-	4ACSR	0	0	481	145	0	0	0	0.00	2.76	0
CO27905	CO27904	13.31	2 1-	4ACSR	0	0	523	149	10	1	1	0.02	2.78	0
CO27906	CO27905	13.54	1 1-	4ACSR	0	0	501	147	7	0	1	0.01	2.78	0
CO1173962423	CO27906	13.59	0 1-	2ACSR	0	0	498	147	0	0	0	0.00	2.78	0
CO27911	CO27890	12.56	54 1-	4ACSR	0	0	601	156	236	32	23	0.25	2.98	96
CO27912	CO27911	12.59	54 1-	4ACSR	0	0	598	156	235	32	23	0.05	3.02	17
CO27910	CO27912	12.72	53 1-	4ACSR	0	0	583	155	222	30	22	0.18	3.20	65
CO27909	CO27910	12.98	52 1-	4ACSR	0	0	555	152	221	30	22	0.36	3.56	129
CO27981	CO27909	12.98	0 1-	4ACSR	0	0	555	152	0	0	0	0.00	3.56	0
SW860-A	CO27981	12.98	0 1-	Open	0	0	555	152	0	0	0	0.00	3.56	0
CO27927	CO27909	13.07	52 1-	4ACSR	0	0	545	151	220	30	22	0.14	3.70	50
CO27849	CO27927	13.11	1 1-	6ACSR	0	0	540	151	0	0	0	0.00	3.70	0
CO27928	CO27927	13.13	51 1-	4ACSR	0	0	540	151	220	30	22	0.07	3.77	26
CO27933	CO27928	13.20	1 1-	4ACSR	0	0	533	150	1	0	0	0.00	3.77	0
CO27929	CO27928	13.25	49 1-	4ACSR	0	0	529	150	214	29	21	0.16	3.93	56
CO27930	CO27929	13.31	46 1-	4ACSR	0	0	522	149	211	29	21	0.09	4.01	30
CO27931	CO27930	13.35	44 1-	4ACSR	0	0	518	149	207	28	21	0.05	4.07	19
CO27932	CO27931	13.38	44 1-	4ACSR	0	0	516	149	207	28	21	0.04	4.11	13
CO27937	CO27932	13.47	41 1-	4ACSR	0	0	508	148	188	26	19	0.10	4.21	31
CO27938	CO27937	13.55	40 1-	4ACSR	0	0	500	147	187	26	19	0.10	4.31	30
CO27830	CO27938	13.84	39 1-	4ACSR	0	0	477	145	183	25	18	0.33	4.64	99
CO30457	CO27830	14.02	1 1-	4ACSR	0	0	462	144	7	1	1	0.01	4.64	0
CO30257	CO30457	14.05	1 1-	4ACSR	0	0	460	143	7	1	1	0.00	4.64	0
CO30100	CO30457	14.07	0 1-	4ACSR	0	0	459	143	0	0	0	0.00	4.64	0
CO27939	CO27830	13.86	38 1-	4ACSR	0	0	475	145	175	24	18	0.02	4.66	7
CO27940	CO27939	13.89	38 1-	4ACSR	0	0	473	145	175	24	18	0.03	4.69	9
CO27941	CO27940	13.93	37 1-	4ACSR	0	0	469	144	170	23	17	0.05	4.74	14
CO27942	CO27941	13.97	36 1-	4ACSR	0	0	466	144	161	22	16	0.04	4.78	10
CO30458	CO27942	14.05	34 1-	4ACSR	0	0	460	143	154	21	15	0.07	4.85	18
CO30157	CO30458	14.12	33 1-	4ACSR	0	0	455	143	147	20	15	0.07	4.92	16

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30158	CO30157	14.22	33 1-	4ACSR	0	0	448	142	146	20	15	0.09	5.01	21
CO30159	CO30158	14.26	32 1-	4ACSR	0	0	445	142	138	19	14	0.03	5.04	8
CO30113	CO30159	14.30	1 1-	4ACSR	0	0	442	141	11	1	1	0.00	5.04	0
CO30101	CO30159	14.33	1 1-	4ACSR	0	0	440	141	11	1	1	0.00	5.04	0
CO30160	CO30159	14.29	30 1-	4ACSR	0	0	443	141	116	16	12	0.02	5.06	5
CO30161	CO30160	14.37	29 1-	4ACSR	0	0	437	141	116	16	12	0.06	5.12	12
CO30102	CO30161	14.41	1 1-	4ACSR	0	0	434	140	2	0	0	0.00	5.12	0
CO30162	CO30161	14.46	28 1-	4ACSR	0	0	431	140	114	15	11	0.07	5.19	13
CO30163	CO30162	14.53	22 1-	4ACSR	0	0	426	140	85	12	9	0.03	5.22	5
CO30092	CO30163	14.57	22 1-	4ACSR	0	0	423	139	85	12	9	0.03	5.25	4
CO30169	CO30092	14.67	21 1-	4ACSR	0	0	417	139	81	11	8	0.05	5.30	6
CO30170	CO30169	14.73	20 1-	4ACSR	0	0	413	138	73	10	7	0.03	5.33	4
CO30168	CO30170	14.78	19 1-	4ACSR	0	0	410	138	68	9	7	0.02	5.35	2
CO30167	CO30168	14.81	19 1-	4ACSR	0	0	408	137	68	9	7	0.01	5.36	0
CO30166	CO30167	14.91	17 1-	4ACSR	0	0	403	137	65	9	7	0.04	5.40	4
CO30093	CO30166	14.98	16 1-	4ACSR	0	0	398	136	59	8	6	0.03	5.43	3
CO30094	CO30093	15.03	15 1-	4ACSR	0	0	395	136	52	7	5	0.02	5.44	0
CO30172	CO30094	15.07	4 1-	4ACSR	0	0	393	136	21	2	2	0.00	5.45	0
CO30173	CO30172	15.29	3 1-	4ACSR	0	0	381	134	17	2	2	0.02	5.47	0
CO30130	CO30173	15.35	1 1-	4ACSR	0	0	377	134	5	0	0	0.00	5.47	0
CO30171	CO30173	15.35	1 1-	4ACSR	0	0	378	134	4	0	0	0.00	5.47	0
CO30174	CO30171	15.37	1 1-	4ACSR	0	0	377	134	4	0	0	0.00	5.47	0
CO30277	CO30174	15.38	0 1-	4ACSR	0	0	376	133	0	0	0	0.00	5.47	0
CO30276	CO30277	15.39	0 1-	4ACSR	0	0	376	133	0	0	0	0.00	5.47	0
SW940-A	CO30276	15.39	0 1-	Open	0	0	376	133	0	0	0	0.00	5.47	0
CO30107	CO30094	15.07	11 1-	4ACSR	0	0	393	136	31	4	3	0.01	5.45	0
CO30106	CO30107	15.34	10 1-	4ACSR	0	0	378	134	29	4	3	0.05	5.50	2
CO-2041076859	CO30106	15.37	8 1-	2ACSR	0	0	377	134	29	4	2	0.00	5.51	0
CO30164	CO-2041076859	15.63	8 1-	4ACSR	0	0	364	132	29	4	3	0.05	5.55	2
CO30129	CO30164	15.75	1 1-	2ACSR	0	0	359	131	3	0	0	0.00	5.56	0
CO30127	CO30164	15.68	1 1-	2ACSR	0	0	362	132	7	1	1	0.00	5.56	0
CO30165	CO30164	15.86	5 1-	4ACSR	0	0	353	130	17	2	2	0.03	5.58	0
CO30103	CO30165	16.07	1 1-	4ACSR	0	0	343	129	0	0	0	0.00	5.58	0
CO30153	CO30165	16.08	4 1-	4ACSR	0	0	343	129	17	2	2	0.02	5.60	0
CO30411	CO30153	16.17	4 1-	4ACSR	0	0	339	128	17	2	2	0.01	5.61	0
CO819460633	CO30411	16.23	1 1-	2ACSR	0	0	337	128	14	1	1	0.00	5.62	0
CO27945	CO30411	16.25	2 1-	4ACSR	0	0	335	128	4	0	0	0.00	5.62	0
CO27948	CO27945	16.28	1 1-	4ACSR	0	0	334	128	3	0	0	0.00	5.62	0
CO27949	CO27948	16.52	0 1-	4ACSR	0	0	324	126	0	0	0	0.00	5.62	0
CO27946	CO27945	16.29	1 1-	4ACSR	0	0	334	127	0	0	0	0.00	5.62	0
CO27947	CO27946	16.40	1 1-	4ACSR	0	0	329	127	0	0	0	0.00	5.62	0
CO-2124452659	CO-2041076859	15.44	0 1-	2ACSR	0	0	374	133	0	0	0	0.00	5.51	0
CO30108	CO30093	15.01	1 1-	4ACSR	0	0	397	136	7	0	1	0.00	5.43	0
CO30109	CO30166	14.95	1 1-	4ACSR	0	0	400	136	6	0	1	0.00	5.40	0
CO30105	CO30092	14.63	1 1-	4ACSR	0	0	420	139	4	0	0	0.00	5.25	0
CO30091	CO30162	14.63	6 1-	4ACSR	0	0	420	139	28	3	3	0.03	5.22	0
CO30104	CO30091	14.68	5 1-	4ACSR	0	0	416	138	22	3	2	0.01	5.22	0
CO30455	CO30104	14.82	4 1-	4ACSR	0	0	408	137	15	2	2	0.01	5.24	0
CO27943	CO30455	15.01	3 1-	4ACSR	0	0	397	136	7	0	1	0.01	5.24	0
CO27944	CO27943	15.10	2 1-	4ACSR	0	0	392	135	3	0	0	0.00	5.25	0
CO27844	CO27944	15.17	1 1-	4ACSR	0	0	387	135	3	0	0	0.00	5.25	0
CO27831	CO27944	15.23	1 1-	4ACSR	0	0	384	134	0	0	0	0.00	5.25	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27845	CO27831	15.34	1 1-	4ACSR	0	0	378	134	0	0	0	0.00	5.25	0
CO27983	CO27831	15.24	0 1-	4ACSR	0	0	384	134	0	0	0	0.00	5.25	0
CO27848	CO30455	14.98	1 1-	4ACSR	0	0	398	136	9	1	1	0.00	5.24	0
CO27984	CO27938	13.56	0 1-	4ACSR	0	0	500	147	0	0	0	0.00	4.31	0
CO27935	CO27932	13.49	3 1-	4ACSR	0	0	506	148	19	2	2	0.01	4.12	0
CO27934	CO27935	13.54	1 1-	4ACSR	0	0	501	147	7	0	1	0.00	4.12	0
CO27936	CO27935	13.52	1 1-	4ACSR	0	0	503	148	12	1	1	0.00	4.12	0
CO27846	CO27928	13.19	1 1-	4ACSR	0	0	534	150	5	0	0	0.00	3.77	0
CO27988+	CO27834	11.86	188 3-	1/0ACSR	830	785	629	258	1038	23	10	0.00	1.30	0
OC859+	CO27988	11.86	188 3-	50 E OCR	830	785	629	258	1038	23	47	0.00	1.30	0
CO27989+	OC859	12.04	188 3-	1/0ACSR	821	775	621	257	1038	23	10	0.04	1.33	55
CO27891+	CO27989	12.58	188 3-	1/0ACSR	791	748	598	253	1038	23	10	0.11	1.44	172
CO27987+	CO27891	12.60	188 3-	1/0ACSR	790	747	597	253	1037	23	10	0.01	1.45	9
CO27892+	CO27987	12.67	187 3-	1/0ACSR	786	743	594	253	1033	23	10	0.01	1.46	21
CO27893+	CO27892	12.75	186 3-	1/0ACSR	782	740	591	252	1024	23	10	0.02	1.48	24
CO27894+	CO27893	12.78	185 3-	1/0ACSR	780	738	589	252	1019	23	10	0.01	1.49	11
CO27864+	CO27894	12.81	2 1-	4ACSR	0	0	587	252	11	0	1	0.00	1.49	0
CO27895+	CO27894	12.87	182 3-	1/0ACSR	776	734	586	252	979	22	10	0.02	1.50	24
CO27896+	CO27895	12.93	182 3-	1/0ACSR	773	731	583	251	979	22	10	0.01	1.51	16
CO27897+	CO27896	13.05	182 3-	1/0ACSR	767	725	579	250	979	22	10	0.02	1.54	35
CO27862+	CO27897	13.13	1 1-	4ACSR	0	0	574	249	2	0	0	0.00	1.54	0
CO27861+	CO27897	13.17	1 1-	4ACSR	0	0	572	249	17	1	1	0.00	1.54	0
CO27900+	CO27897	13.08	180 3-	1/0ACSR	765	724	577	250	959	21	9	0.01	1.54	9
CO27901+	CO27900	13.11	180 3-	1/0ACSR	764	723	576	250	959	21	9	0.00	1.55	7
CO27898+	CO27901	13.17	180 3-	1/0ACSR	761	720	574	250	959	21	9	0.01	1.56	17
CO27899+	CO27898	13.32	180 3-	1/0ACSR	754	713	568	249	959	21	9	0.03	1.59	41
CO30419+	CO27899	13.40	179 3-	1/0ACSR	750	710	565	248	950	21	9	0.01	1.60	20
CO30192+	CO30419	13.45	178 3-	1/0ACSR	748	707	563	248	950	21	9	0.01	1.61	15
CO30116+	CO30192	13.53	1 1-	4ACSR	0	0	559	247	1	0	0	0.00	1.61	0
CO30136+	CO30192	13.63	177 3-	1/0ACSR	739	699	557	247	950	21	9	0.03	1.65	48
CO30137+	CO30136	13.81	177 3-	1/0ACSR	731	692	550	246	949	21	9	0.03	1.68	48
CO30135+	CO30137	13.89	177 3-	1/0ACSR	728	689	547	245	949	21	9	0.01	1.69	20
CO30134+	CO30135	13.98	177 3-	1/0ACSR	723	685	544	244	949	21	9	0.02	1.71	25
CO30133+	CO30134	14.10	177 3-	1/0ACSR	718	680	540	244	949	21	9	0.02	1.73	30
CO30115+	CO30133	14.14	0 1-	4ACSR	0	0	538	243	0	0	0	0.00	1.73	0
CO30139+	CO30133	14.30	177 3-	4ACSR	703	667	530	241	949	21	15	0.09	1.82	141
CO30140+	CO30139	14.43	177 3-	4ACSR	695	660	523	240	948	21	15	0.05	1.87	82
CO30138+	CO30140	14.57	177 3-	4ACSR	685	651	517	238	948	21	15	0.06	1.93	94
CO30098+	CO30138	14.72	164 3-	1/0ACSR	679	646	512	237	890	20	9	0.03	1.96	36
CO30264+	CO30098	14.73	6 1-	4ACSR	0	0	511	237	38	2	2	0.00	1.96	0
OC936+	CO30264	14.73	6 1-	10 N FUSE	0	0	511	237	38	2	26	0.00	1.96	0
CO30265+	OC936	14.78	6 1-	4ACSR	0	0	509	237	38	2	2	0.00	1.96	0
CO30119+	CO30265	14.84	1 1-	4ACSR	0	0	506	236	11	0	1	0.00	1.96	0
CO30193+	CO30265	15.16	5 1-	4ACSR	0	0	492	233	27	1	1	0.01	1.98	0
CO30194+	CO30193	15.17	4 1-	4ACSR	0	0	491	233	21	1	1	0.00	1.98	0
CO30195+	CO30194	15.24	4 1-	4ACSR	0	0	488	232	21	1	1	0.00	1.98	0
CO30196+	CO30195	15.35	3 1-	4ACSR	0	0	483	231	19	1	1	0.00	1.98	0
CO30118+	CO30196	15.39	1 1-	4ACSR	0	0	482	230	8	0	0	0.00	1.98	0
CO30143+	CO30196	15.41	2 1-	4ACSR	0	0	481	230	11	0	1	0.00	1.98	0
CO30231+	CO30143	15.55	2 1-	4ACSR	0	0	475	229	11	0	1	0.00	1.99	0
CO30232+	CO30231	15.59	1 1-	4ACSR	0	0	473	228	9	0	0	0.00	1.99	0
CO30418+	CO30232	15.66	0 1-	4ACSR	0	0	470	227	0	0	0	0.00	1.99	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27902+	CO30418	15.80	0 1-	4ACSR	0	0	465	226	0	0	0	0.00	1.99	0
CO30144+	CO30098	14.74	158 3-	1/0ACSR	678	645	511	237	852	19	8	0.00	1.96	6
CO30233+	CO30144	14.77	158 3-	1/0ACSR	677	644	510	237	852	19	8	0.00	1.97	6
CO30234+	CO30233	14.81	157 3-	1/0ACSR	676	642	509	237	848	19	8	0.01	1.97	9
CO30124+	CO30234	14.88	4 1-	4ACSR	0	0	506	236	10	0	1	0.00	1.98	0
CO30198+	CO30234	14.88	150 3-	1/0ACSR	673	640	507	237	830	18	8	0.01	1.99	13
CO30199+	CO30198	14.97	146 3-	1/0ACSR	670	636	504	236	811	18	8	0.02	2.00	19
CO30197+	CO30199	15.14	145 3-	1/0ACSR	663	631	499	235	809	18	8	0.03	2.03	31
CO30223+	CO30197	15.19	3 1-	4ACSR	0	0	497	234	27	1	1	0.00	2.03	0
CO30224+	CO30223	15.25	3 1-	4ACSR	0	0	494	234	27	1	1	0.00	2.03	0
CO30146+	CO30224	15.37	1 1-	2ACSR	0	0	490	233	19	1	1	0.00	2.03	0
CO30147+	CO30146	15.44	1 1-	2ACSR	0	0	487	232	19	1	1	0.00	2.03	0
CO30222+	CO30224	15.32	1 1-	4ACSR	0	0	491	233	4	0	0	0.00	2.03	0
CO30145+	CO30197	15.17	141 3-	1/0ACSR	662	629	498	235	778	17	8	0.01	2.03	7
CO30235+	CO30145	15.20	141 3-	1/0ACSR	661	628	497	235	778	17	8	0.00	2.04	5
CO30236+	CO30235	15.30	138 3-	1/0ACSR	658	625	495	234	767	17	8	0.01	2.05	17
CO1813870448+	CO30236	15.36	1 1-	2ACSR	0	0	492	234	15	1	1	0.00	2.05	0
CO30200+	CO30236	15.37	105 3-	1/0ACSR	655	622	492	234	547	12	5	0.01	2.06	7
CO30201+	CO30200	15.50	104 3-	1/0ACSR	650	618	489	233	543	12	5	0.01	2.07	12
CO30252+	CO30201	15.55	99 3-	1/0ACSR	648	616	487	233	536	12	5	0.01	2.08	4
CO30253+	CO30252	15.64	98 3-	1/0ACSR	645	613	485	232	534	12	5	0.01	2.09	7
CO30149+	CO30253	15.71	98 3-	1/0ACSR	643	611	483	232	534	12	5	0.01	2.09	6
CO30123+	CO30149	15.78	2 2-	4ACSR	0	607	480	231	8	0	0	0.00	2.09	0
CO30150+	CO30123	15.81	1 1-	2ACSR	0	0	479	231	1	0	0	0.00	2.09	0
CO30151+	CO30150	15.90	1 1-	2ACSR	0	0	476	230	1	0	0	0.00	2.09	0
CO30099+	CO30149	15.78	92 3-	1/0ACSR	640	609	481	231	505	11	5	0.01	2.10	5
CO30225+	CO30099	15.84	2 1-	4ACSR	0	0	479	231	5	0	0	0.00	2.10	0
CO30226+	CO30225	15.86	1 1-	4ACSR	0	0	478	231	1	0	0	0.00	2.10	0
CO30279+	CO30099	15.83	87 3-	1/0ACSR	639	607	480	231	477	10	5	0.00	2.11	3
CO30152+	CO30279	15.94	87 3-	1/0ACSR	635	604	477	231	477	10	5	0.01	2.12	7
CO30176+	CO30152	16.04	86 3-	1/0ACSR	631	600	474	230	465	10	5	0.01	2.13	7
CO30177+	CO30176	16.08	85 3-	1/0ACSR	630	599	473	230	458	10	5	0.00	2.13	3
CO30095+	CO30177	16.15	81 3-	1/0ACSR	628	597	471	229	455	10	5	0.01	2.13	4
CO30178+	CO30095	16.21	81 3-	1/0ACSR	626	595	470	229	455	10	5	0.01	2.14	4
CO30179+	CO30178	16.27	80 3-	1/0ACSR	624	593	468	229	455	10	5	0.01	2.15	4
CO30096+	CO30179	16.49	75 3-	1/0ACSR	616	586	462	227	437	10	4	0.02	2.16	13
CO30180+	CO30096	16.53	46 3-	1/0ACSR	615	585	462	227	276	6	3	0.00	2.17	0
CO30181+	CO30180	16.54	44 3-	1/0ACSR	615	585	461	227	268	6	3	0.00	2.17	0
CO30274+	CO30181	16.58	44 1-	4ACSR	0	0	460	227	268	18	13	0.02	2.18	7
OC937+	CO30274	16.58	44 1-	35 H OCR	0	0	460	227	268	18	53	0.00	2.18	0
CO30275+	OC937	16.64	44 1-	4ACSR	0	0	458	226	268	18	13	0.02	2.21	10
CO30255+	CO30275	16.66	42 1-	4ACSR	0	0	457	226	257	17	13	0.01	2.21	3
CO30256+	CO30255	16.68	38 1-	4ACSR	0	0	456	226	236	16	12	0.01	2.22	3
CO30254+	CO30256	16.77	37 1-	4ACSR	0	0	453	225	236	16	12	0.03	2.25	12
CO30259+	CO30254	16.82	1 1-	4ACSR	0	0	451	224	3	0	0	0.00	2.25	0
CO30258+	CO30254	16.83	1 1-	4ACSR	0	0	450	224	10	0	0	0.00	2.25	0
CO30182+	CO30254	16.84	35 1-	4ACSR	0	0	450	224	223	15	11	0.03	2.28	9
CO30125+	CO30182	16.87	1 1-	2ACSR	0	0	449	224	0	0	0	0.00	2.28	0
CO30184+	CO30182	16.87	33 1-	4ACSR	0	0	449	224	211	14	10	0.01	2.29	2
CO30185+	CO30184	16.92	29 1-	4ACSR	0	0	447	223	190	13	9	0.02	2.30	5
CO30112+	CO30185	16.95	1 1-	4ACSR	0	0	446	223	11	0	1	0.00	2.30	0
CO30183+	CO30185	16.96	27 1-	4ACSR	0	0	445	223	173	11	8	0.01	2.31	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-2024020094+	CO30183	16.99	25 1-	2ACSR	0	0	445	223	153	10	6	0.00	2.32	0
CO1251722017+	CO-2024020094	17.02	23 1-	2ACSR	0	0	444	223	138	9	5	0.01	2.32	0
CO30188+	CO1251722017	17.11	23 1-	4ACSR	0	0	440	222	138	9	7	0.02	2.34	4
CO30186+	CO30188	17.27	21 1-	4ACSR	0	0	435	220	130	8	6	0.03	2.37	7
CO30227+	CO30186	17.35	16 1-	4ACSR	0	0	432	219	106	7	5	0.01	2.38	0
CO30229+	CO30227	17.44	14 1-	4ACSR	0	0	429	219	88	6	4	0.01	2.40	0
CO30128+	CO30229	17.47	3 1-	2ACSR	0	0	428	218	24	1	1	0.00	2.40	0
CO927711986+	CO30128	17.54	1 1-	2ACSR	0	0	426	218	0	0	0	0.00	2.40	0
CO30230+	CO30229	17.50	11 1-	4ACSR	0	0	427	218	64	4	3	0.01	2.40	0
CO30463+	CO30230	17.59	10 1-	4ACSR	0	0	424	217	60	4	3	0.01	2.41	0
CO30490+	CO30463	17.74	1 1-	4ACSR	0	0	419	216	9	0	0	0.00	2.41	0
CO30295+	CO30463	17.67	7 1-	4ACSR	0	0	421	216	45	3	2	0.01	2.42	0
CO30296+	CO30295	17.73	7 1-	4ACSR	0	0	419	216	45	3	2	0.00	2.42	0
CO30293+	CO30296	17.77	4 1-	4ACSR	0	0	418	215	15	1	1	0.00	2.42	0
CO30297+	CO30296	17.84	3 1-	4ACSR	0	0	416	215	29	2	1	0.00	2.42	0
CO30292+	CO30297	17.87	0 1-	4ACSR	0	0	415	215	0	0	0	0.00	2.42	0
CO30300+	CO30297	17.86	1 1-	4ACSR	0	0	415	215	10	0	0	0.00	2.43	0
CO30301+	CO30300	17.94	1 1-	4ACSR	0	0	413	214	10	0	0	0.00	2.43	0
CO30298+	CO30297	17.97	1 1-	4ACSR	0	0	412	214	6	0	0	0.00	2.43	0
CO30294+	CO30297	17.92	1 1-	2ACSR	0	0	414	214	13	0	0	0.00	2.43	0
CO30215+	CO30186	17.31	3 1-	4ACSR	0	0	433	220	11	0	1	0.00	2.37	0
CO30216+	CO30215	17.38	3 1-	4ACSR	0	0	431	219	11	0	1	0.00	2.37	0
CO30155+	CO30186	17.33	1 1-	4ACSR	0	0	433	220	4	0	0	0.00	2.37	0
CO30156+	CO30155	17.40	1 1-	4ACSR	0	0	431	219	4	0	0	0.00	2.37	0
CO-1662190258+	CO-2024020094	17.01	2 1-	2ACSR	0	0	444	223	15	1	1	0.00	2.32	0
CO-641252976+	CO-1662190258	17.07	2 1-	2ACSR	0	0	442	222	15	1	1	0.00	2.32	0
CO-1069661574+	CO-641252976	17.09	2 1-	2ACSR	0	0	442	222	15	1	1	0.00	2.32	0
CO-99222730+	CO-1069661574	17.11	1 1-	2ACSR	0	0	441	222	6	0	0	0.00	2.32	0
CO30111+	CO30096	16.59	1 1-	4ACSR	0	0	459	227	0	0	0	0.00	2.16	0
CO30272+	CO30096	16.50	28 1-	4ACSR	0	0	462	227	161	11	8	0.00	2.17	0
OC938+	CO30272	16.50	28 1-	35 A OCR	0	0	462	227	161	11	0	0.00	2.17	0
CO30273+	OC938	16.58	28 1-	4ACSR	0	0	459	227	161	11	8	0.02	2.19	5
CO30189+	CO30273	16.69	25 1-	4ACSR	0	0	455	225	150	10	7	0.03	2.21	6
CO30190+	CO30189	16.75	22 1-	4ACSR	0	0	453	225	131	8	6	0.01	2.22	2
CO30191+	CO30190	16.80	21 1-	4ACSR	0	0	451	224	129	8	6	0.01	2.23	0
CO30206+	CO30191	16.88	12 1-	2ACSR	0	0	448	224	77	5	3	0.01	2.24	0
CO30207+	CO30206	16.98	9 1-	2ACSR	0	0	445	223	53	3	2	0.00	2.24	0
CO30208+	CO30207	17.02	6 1-	2ACSR	0	0	444	223	28	1	1	0.00	2.24	0
CO30209+	CO30208	17.04	6 1-	2ACSR	0	0	444	223	28	1	1	0.00	2.24	0
CO30210+	CO30209	17.14	3 1-	2ACSR	0	0	441	222	19	1	1	0.00	2.25	0
CO30202+	CO30191	16.81	7 1-	2ACSR	0	0	450	224	29	1	1	0.00	2.23	0
CO30203+	CO30202	16.92	5 1-	2ACSR	0	0	447	224	19	1	1	0.00	2.23	0
CO30204+	CO30203	17.02	3 1-	2ACSR	0	0	444	223	16	1	1	0.00	2.24	0
CO30205+	CO30204	17.08	1 1-	2ACSR	0	0	443	222	1	0	0	0.00	2.24	0
CO30213+	CO30273	16.66	3 1-	4ACSR	0	0	456	226	11	0	1	0.00	2.19	0
CO30214+	CO30213	16.72	1 1-	4ACSR	0	0	454	225	0	0	0	0.00	2.19	0
CO30211+	CO30179	16.39	5 1-	4ACSR	0	0	463	227	17	1	1	0.00	2.15	0
CO30212+	CO30211	16.45	3 1-	4ACSR	0	0	461	227	13	0	1	0.00	2.15	0
CO30110+	CO30095	16.19	0 1-	4ACSR	0	0	470	229	0	0	0	0.00	2.13	0
CO30278+	CO30177	16.16	3 1-	4ACSR	0	0	470	229	3	0	0	0.00	2.13	0
XFMR66	CO30278	16.16	3 1-	333 KVA 1PH AUT	0	0	589	157	3	0	1	0.01	2.14	0
CO30175	XFMR66	16.27	3 1-	4ACSR	0	0	577	156	3	0	0	0.00	2.14	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SW940-B	CO30175	16.27	0 1-	Open	0	0	577	156	0	0	0	0.00	2.14	0
CO30270+	CO30201	15.51	5 1-	4ACSR	0	0	488	233	7	0	0	0.00	2.07	0
OC935+	CO30270	15.51	5 1-	10 N FUSE	0	0	488	233	7	0	5	0.00	2.07	0
CO30271+	OC935	15.58	5 1-	4ACSR	0	0	485	232	7	0	0	0.00	2.07	0
CO30121+	CO30271	15.64	1 1-	4ACSR	0	0	483	232	3	0	0	0.00	2.07	0
CO30260+	CO30271	15.60	3 1-	4ACSR	0	0	485	232	3	0	0	0.00	2.07	0
CO30261+	CO30260	15.66	2 1-	4ACSR	0	0	482	231	2	0	0	0.00	2.07	0
CO30122+	CO30260	15.85	1 1-	4ACSR	0	0	474	229	1	0	0	0.00	2.07	0
CO30268+	CO30236	15.30	32 1-	4ACSR	0	0	494	234	204	14	10	0.00	2.05	0
OC939+	CO30268	15.30	32 1-	35 E OCR	0	0	494	234	204	14	40	0.00	2.05	0
CO30269+	OC939	15.39	32 1-	4ACSR	0	0	490	233	204	14	10	0.03	2.08	9
CO30120+	CO30269	15.46	1 1-	4ACSR	0	0	488	232	12	0	1	0.00	2.08	0
CO30148+	CO30269	15.41	28 1-	4ACSR	0	0	490	233	181	12	9	0.01	2.09	0
CO30237+	CO30148	15.42	28 1-	4ACSR	0	0	489	233	181	12	9	0.00	2.09	0
CO30238+	CO30237	15.44	27 1-	4ACSR	0	0	488	233	171	11	8	0.00	2.09	0
CO30239+	CO30238	15.46	27 1-	4ACSR	0	0	487	232	171	11	8	0.01	2.10	0
CO30126+	CO30239	15.49	1 1-	2ACSR	0	0	486	232	2	0	0	0.00	2.10	0
CO30240+	CO30239	15.48	26 1-	4ACSR	0	0	486	232	168	11	8	0.01	2.10	0
CO30241+	CO30240	15.51	25 1-	4ACSR	0	0	485	232	160	10	8	0.01	2.11	0
CO30242+	CO30241	15.56	23 1-	4ACSR	0	0	483	231	155	10	8	0.01	2.12	2
CO30243+	CO30242	15.58	20 1-	4ACSR	0	0	482	231	135	9	7	0.00	2.13	0
CO30280+	CO30243	15.61	19 1-	4ACSR	0	0	481	231	124	8	6	0.01	2.13	0
CO30244+	CO30280	15.64	18 1-	4ACSR	0	0	480	230	123	8	6	0.01	2.14	0
CO30245+	CO30244	15.66	16 1-	4ACSR	0	0	479	230	105	7	5	0.00	2.14	0
CO30250+	CO30245	15.74	14 1-	4ACSR	0	0	476	229	88	6	4	0.01	2.15	0
CO30251+	CO30250	15.78	11 1-	4ACSR	0	0	474	229	68	4	3	0.00	2.15	0
CO30249+	CO30251	15.84	8 1-	4ACSR	0	0	471	228	58	3	3	0.00	2.16	0
CO30248+	CO30249	15.92	6 1-	4ACSR	0	0	468	228	41	2	2	0.00	2.16	0
CO30247+	CO30248	15.98	4 1-	4ACSR	0	0	466	227	24	1	1	0.00	2.16	0
CO30246+	CO30247	16.00	4 1-	4ACSR	0	0	465	227	24	1	1	0.00	2.17	0
CO30220+	CO30234	14.93	3 1-	4ACSR	0	0	504	236	8	0	0	0.00	1.98	0
CO30221+	CO30220	14.98	1 1-	4ACSR	0	0	501	235	4	0	0	0.00	1.98	0
CO30218+	CO30138	14.61	4 1-	4ACSR	0	0	514	238	28	1	1	0.00	1.93	0
CO30219+	CO30218	14.65	2 1-	4ACSR	0	0	513	237	15	1	1	0.00	1.93	0
CO30217+	CO30219	14.71	1 1-	4ACSR	0	0	510	237	7	0	0	0.00	1.93	0
CO30142+	CO30138	14.63	6 1-	4ACSR	0	0	514	238	24	1	1	0.00	1.93	0
CO30262+	CO30142	14.69	4 1-	4ACSR	0	0	511	237	19	1	1	0.00	1.94	0
CO30263+	CO30262	14.74	3 1-	4ACSR	0	0	508	237	8	0	0	0.00	1.94	0
CO30117+	CO30262	14.72	1 1-	4ACSR	0	0	509	237	10	0	1	0.00	1.94	0
CO30141+	CO30142	14.69	2 1-	4ACSR	0	0	511	237	6	0	0	0.00	1.93	0
CO27863+	CO27987	12.72	1 1-	4ACSR	0	0	590	252	4	0	0	0.00	1.45	0
CO27857+	CO27884	11.28	1 1-	4ACSR	0	0	655	262	12	0	1	0.00	1.13	0
CO30449+	CO27881	11.03	1 1-	4ACSR	0	0	666	263	3	0	0	0.00	1.05	0
CO27685+	CO27564	10.70	110 1-	4ACSR	0	0	688	266	578	39	29	0.01	1.00	6
OC842+	CO27685	10.70	110 1-	50 E OCR	0	0	688	266	578	39	80	0.00	1.00	0
CO27686+	OC842	10.82	110 1-	4ACSR	0	0	678	265	578	39	29	0.12	1.12	108
XFMR72	CO27686	10.82	110 1-	333 KVA 1PH AUT	0	0	718	164	577	39	173	1.65	2.77	0
CO27565	XFMR72	10.87	110 1-	4ACSR	0	0	711	163	577	79	57	0.17	2.94	162
CO30450	CO27565	11.04	110 1-	4ACSR	0	0	686	162	576	79	57	0.62	3.56	581
CO27869	CO30450	11.21	109 1-	4ACSR	0	0	663	160	573	79	57	0.60	4.16	565
CO27870	CO27869	11.28	109 1-	4ACSR	0	0	653	159	570	79	57	0.28	4.44	258
CO27871	CO27870	11.33	109 1-	4ACSR	0	0	647	159	569	79	57	0.16	4.60	149

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27866	CO27871	11.45	109 1-	4ACSR	0	0	631	158	568	79	57	0.44	5.04	413
CO27874	CO27866	11.55	108 1-	4ACSR	0	0	618	157	563	79	57	0.38	5.42	353
CO27865	CO27874	11.59	1 1-	2ACSR	0	0	614	157	11	1	1	0.00	5.42	0
CO27875	CO27874	11.59	107 1-	4ACSR	0	0	613	156	550	77	56	0.13	5.55	122
CO27872	CO27875	11.68	107 1-	4ACSR	0	0	602	156	550	77	56	0.34	5.89	306
CO27873	CO27872	11.71	107 1-	4ACSR	0	0	599	155	548	77	56	0.10	5.99	91
CO27867	CO27873	11.80	106 1-	4ACSR	0	0	588	154	545	77	55	0.31	6.30	284
CO27868	CO27867	11.91	105 1-	4ACSR	0	0	576	153	544	77	55	0.39	6.69	353
CO30456	CO27868	12.05	103 1-	4ACSR	0	0	561	152	534	76	54	0.49	7.18	441
CO30019	CO30456	12.19	98 1-	4ACSR	0	0	546	151	510	73	52	0.45	7.63	388
CO30020	CO30019	12.24	97 1-	4ACSR	0	0	541	151	508	73	52	0.16	7.79	139
CO30021	CO30020	12.28	96 1-	4ACSR	0	0	537	150	503	72	52	0.14	7.93	118
CO30007	CO30021	12.38	1 1-	2ACSR	0	0	530	150	2	0	0	0.00	7.93	0
CO-1626956341	CO30007	12.45	0 1-	2ACSR	0	0	524	149	0	0	0	0.00	7.93	0
CO-478922856	CO30007	12.60	0 1-	2ACSR	0	0	513	148	0	0	0	0.00	7.93	0
CO30025	CO30021	12.40	93 1-	4ACSR	0	0	525	149	486	70	50	0.38	8.31	315
CO30026	CO30025	12.64	91 1-	4ACSR	0	0	503	147	481	69	50	0.75	9.07	615
CO29986	CO30026	12.70	89 1-	4ACSR	0	0	498	147	473	68	49	0.18	9.24	144
CO30005	CO29986	12.74	1 1-	4ACSR	0	0	495	146	7	0	1	0.00	9.24	0
CO29987	CO29986	12.77	88 1-	4ACSR	0	0	492	146	465	67	48	0.23	9.48	186
CO-1682037951	CO29987	12.81	1 1-	2ACSR	0	0	490	146	1	0	0	0.00	9.48	0
CO30027	CO29987	12.83	2 1-	4ACSR	0	0	487	146	5	0	0	0.00	9.48	0
CO30028	CO30027	12.94	1 1-	4ACSR	0	0	478	145	5	0	0	0.00	9.48	0
CO30015	CO30027	12.88	1 1-	2ACSR	0	0	484	145	0	0	0	0.00	9.48	0
CO29988	CO29987	12.84	85 1-	4ACSR	0	0	486	146	459	67	48	0.21	9.69	167
CO30004	CO29988	12.94	1 1-	4ACSR	0	0	478	145	5	0	0	0.00	9.69	0
CO29989	CO29988	12.98	79 1-	4ACSR	0	0	475	144	404	59	42	0.35	10.04	247
CO30003	CO29989	13.03	1 1-	4ACSR	0	0	471	144	5	0	1	0.00	10.04	0
CO29990	CO29989	13.10	78 1-	4ACSR	0	0	465	143	397	58	42	0.33	10.37	223
CO-660697368	CO29990	13.17	1 1-	2ACSR	0	0	461	143	7	1	1	0.00	10.37	0
CO30032	CO29990	13.20	5 1-	4ACSR	0	0	457	143	39	5	4	0.02	10.39	0
CO30002	CO30032	13.26	1 1-	4ACSR	0	0	453	142	6	0	1	0.00	10.39	0
CO30033	CO30032	13.28	3 1-	4ACSR	0	0	452	142	18	2	2	0.00	10.39	0
CO30034	CO29990	13.10	72 1-	4ACSR	0	0	465	143	351	51	37	0.01	10.38	7
RG15	CO30034	13.10	72 1-	0	0	0	465	143	351	51	103	-10.38	0.00	0
CO58609891	RG15	13.13	2 1-	4ACSR	0	0	463	143	8	1	1	0.00	0.00	0
CO2126628670	CO58609891	13.14	0 1-	4ACSR	0	0	462	143	0	0	0	0.00	0.00	0
CO399032542	CO58609891	13.20	2 1-	4ACSR	0	0	458	143	8	1	1	0.00	0.00	0
CO30035	RG15	13.22	70 1-	4ACSR	0	0	456	143	343	46	33	0.23	0.23	127
CO30082	CO30035	13.34	16 1-	4ACSR	0	0	447	142	84	11	8	0.06	0.30	8
CO30083	CO30082	13.45	14 1-	4ACSR	0	0	439	141	76	10	7	0.05	0.35	6
CO30001	CO30083	13.51	1 1-	4ACSR	0	0	435	140	2	0	0	0.00	0.35	0
CO30084	CO30083	13.47	13 1-	4ACSR	0	0	438	141	74	10	7	0.01	0.36	0
CO30085	CO30084	13.48	13 1-	4ACSR	0	0	437	140	74	10	7	0.00	0.36	0
CO30086	CO30085	13.54	12 1-	4ACSR	0	0	433	140	71	9	7	0.03	0.39	3
CO30076	CO30086	13.57	9 1-	4ACSR	0	0	431	140	64	8	6	0.01	0.40	0
CO30080	CO30076	13.60	4 1-	4ACSR	0	0	429	140	16	2	2	0.00	0.40	0
CO30081	CO30080	13.62	1 1-	4ACSR	0	0	428	139	3	0	0	0.00	0.40	0
CO30077	CO30076	13.60	4 1-	4ACSR	0	0	429	140	47	6	5	0.01	0.41	0
CO30078	CO30077	13.62	4 1-	4ACSR	0	0	428	139	47	6	5	0.00	0.41	0
CO30079	CO30078	13.64	3 1-	4ACSR	0	0	427	139	31	4	3	0.00	0.41	0
CO30075	CO30086	13.68	3 1-	4ACSR	0	0	424	139	7	0	1	0.00	0.39	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30038	CO30035	13.24	50 1-	4ACSR	0	0	455	142	218	29	21	0.03	0.26	10
CO30039	CO30038	13.33	48 1-	4ACSR	0	0	448	142	200	26	19	0.11	0.37	33
CO30040	CO30039	13.39	47 1-	4ACSR	0	0	444	141	193	26	19	0.07	0.44	20
CO30041	CO30040	13.46	45 1-	4ACSR	0	0	439	141	173	23	17	0.08	0.52	22
CO-1691455819	CO30041	13.53	41 1-	2ACSR	0	0	435	140	156	21	12	0.04	0.56	10
CO1329745239	CO-1691455819	13.59	1 1-	2ACSR	0	0	431	140	1	0	0	0.00	0.56	0
CO916209253	CO-1691455819	13.64	40 1-	2ACSR	0	0	429	140	155	21	12	0.07	0.63	17
CO30043	CO916209253	13.83	40 1-	4ACSR	0	0	416	138	155	21	15	0.19	0.82	47
CO30044	CO30043	14.07	40 1-	4ACSR	0	0	402	136	155	21	15	0.23	1.05	56
CO30461	CO30044	14.33	39 1-	4ACSR	0	0	387	135	155	21	15	0.25	1.29	61
CO27878	CO30461	14.34	39 1-	4ACSR	0	0	387	135	154	21	15	0.01	1.30	0
CO27979	CO27878	14.34	38 1-	4ACSR	0	0	386	135	150	20	15	0.01	1.31	0
OC857	CO27979	14.34	38 1-	50 H OCR	0	0	386	135	150	20	41	0.00	1.31	0
CO27980	OC857	14.63	38 1-	4ACSR	0	0	371	133	150	20	15	0.27	1.57	64
CO27879	CO27980	14.88	37 1-	4ACSR	0	0	358	131	143	19	14	0.22	1.79	50
CO27880	CO27879	14.99	36 1-	4ACSR	0	0	353	130	140	19	14	0.10	1.89	22
CO30420	CO27880	15.10	36 1-	4ACSR	0	0	348	129	140	19	14	0.09	1.98	21
CO30335	CO30420	15.24	36 1-	4ACSR	0	0	342	129	140	19	14	0.12	2.10	26
CO30333	CO30335	15.35	33 1-	4ACSR	0	0	337	128	125	17	12	0.09	2.19	18
CO30334	CO30333	15.45	33 1-	4ACSR	0	0	333	127	125	17	12	0.07	2.26	15
CO30302	CO30334	15.54	32 1-	4ACSR	0	0	329	127	125	17	12	0.07	2.34	15
CO30489	CO30302	15.68	1 1-	4ACSR	0	0	323	126	9	1	1	0.00	2.34	0
CO30303	CO30302	15.64	31 1-	4ACSR	0	0	325	126	116	15	11	0.07	2.40	13
CO30488	CO30303	15.77	1 1-	4ACSR	0	0	320	125	3	0	0	0.00	2.41	0
CO30487	CO30303	15.71	30 1-	4ACSR	0	0	322	126	113	15	11	0.05	2.46	10
CO30114	CO30487	15.81	1 1-	4ACSR	0	0	318	125	0	0	0	0.00	2.46	0
CO30097	CO30487	15.85	29 1-	4ACSR	0	0	317	125	113	15	11	0.09	2.55	17
CO30486	CO30097	16.11	28 1-	4ACSR	0	0	307	123	101	13	10	0.16	2.72	27
CO30319	CO30486	16.18	4 1-	4ACSR	0	0	305	123	6	0	1	0.00	2.72	0
CO30320	CO30319	16.20	4 1-	4ACSR	0	0	304	123	6	0	1	0.00	2.72	0
CO30305	CO30320	16.35	2 1-	4ACSR	0	0	299	122	2	0	0	0.00	2.72	0
CO30317	CO30305	16.41	1 1-	4ACSR	0	0	297	121	2	0	0	0.00	2.72	0
CO30318	CO30317	16.45	1 1-	4ACSR	0	0	295	121	2	0	0	0.00	2.72	0
CO30316	CO30318	16.57	1 1-	4ACSR	0	0	292	121	2	0	0	0.00	2.72	0
CO30313	CO30305	16.42	1 1-	4ACSR	0	0	296	121	0	0	0	0.00	2.72	0
CO30312	CO30320	16.21	1 1-	4ACSR	0	0	303	123	2	0	0	0.00	2.72	0
CO30311	CO30320	16.23	1 1-	4ACSR	0	0	303	122	2	0	0	0.00	2.72	0
CO30314	CO30486	16.28	23 1-	4ACSR	0	0	301	122	92	12	9	0.09	2.81	14
CO30315	CO30314	16.32	22 1-	4ACSR	0	0	300	122	89	12	9	0.02	2.83	4
CO30321	CO30315	16.43	21 1-	4ACSR	0	0	296	121	79	10	8	0.05	2.89	7
CO30322	CO30321	16.57	19 1-	4ACSR	0	0	291	121	76	10	8	0.07	2.95	8
CO30304	CO30322	16.67	15 1-	4ACSR	0	0	288	120	71	9	7	0.04	3.00	5
CO30325	CO30304	16.71	14 1-	4ACSR	0	0	287	120	66	9	7	0.01	3.01	0
CO30326	CO30325	16.78	10 1-	4ACSR	0	0	285	119	54	7	5	0.02	3.04	2
CO30327	CO30326	16.99	10 1-	4ACSR	0	0	278	118	54	7	5	0.06	3.10	5
CO30328	CO30327	17.16	9 1-	4ACSR	0	0	273	117	45	6	4	0.04	3.14	2
CO30329	CO30328	17.23	6 1-	4ACSR	0	0	271	117	22	3	2	0.01	3.15	0
CO30330	CO30329	17.24	6 1-	4ACSR	0	0	271	117	22	3	2	0.00	3.15	0
CO30331	CO30330	17.28	5 1-	4ACSR	0	0	270	117	8	1	1	0.00	3.15	0
CO30332	CO30331	17.32	4 1-	4ACSR	0	0	269	116	7	0	1	0.00	3.15	0
CO30310	CO30304	16.72	1 1-	4ACSR	0	0	286	120	5	0	0	0.00	3.00	0
CO30323	CO30322	16.64	3 1-	4ACSR	0	0	289	120	5	0	1	0.00	2.96	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30324	CO30323	16.81	2 1-	4ACSR	0	0	284	119	5	0	1	0.00	2.96	0
CO30309	CO30315	16.40	1 1-	4ACSR	0	0	297	122	9	1	1	0.00	2.84	0
CO30131	CO30097	15.92	1 1-	4ACSR	0	0	314	124	12	1	1	0.01	2.56	0
CO30132	CO30131	16.01	1 1-	4ACSR	0	0	311	124	12	1	1	0.00	2.56	0
CO30308	CO30334	15.58	1 1-	4ACSR	0	0	328	126	0	0	0	0.00	2.26	0
CO30307	CO30335	15.35	0 1-	4ACSR	0	0	337	128	0	0	0	0.00	2.10	0
CO30306	CO30335	15.35	1 1-	4ACSR	0	0	337	128	7	0	1	0.00	2.10	0
CO27855	CO27980	14.67	1 1-	4ACSR	0	0	369	132	6	0	1	0.00	1.57	0
CO27856	CO27878	14.62	1 1-	4ACSR	0	0	371	133	5	0	0	0.00	1.31	0
CO30045	CO30044	14.17	1 1-	4ACSR	0	0	396	136	0	0	0	0.00	1.05	0
CO30459	CO30045	14.43	1 1-	4ACSR	0	0	381	134	0	0	0	0.00	1.05	0
CO30008	CO30041	13.54	3 1-	4ACSR	0	0	433	140	13	1	1	0.00	0.52	0
CO30036	CO30035	13.27	3 1-	2ACSR	0	0	453	142	30	4	2	0.00	0.24	0
CO30037	CO30036	13.32	1 1-	2ACSR	0	0	450	142	11	1	1	0.00	0.24	0
CO30029	CO29988	12.92	5 1-	4ACSR	0	0	480	145	50	7	5	0.02	9.71	0
CO30030	CO30029	12.96	4 1-	4ACSR	0	0	477	145	32	4	3	0.01	9.72	0
CO30074	CO30030	13.04	1 1-	2ACSR	0	0	471	144	10	1	1	0.00	9.72	0
CO30031	CO30030	12.99	1 1-	4ACSR	0	0	474	144	7	1	1	0.00	9.72	0
CO30006	CO30026	12.87	1 1-	4ACSR	0	0	484	145	3	0	0	0.00	9.07	0
CO30022	CO30021	12.47	2 1-	4ACSR	0	0	519	149	15	2	1	0.02	7.95	0
CO30023	CO30022	12.61	1 1-	4ACSR	0	0	506	147	8	1	1	0.00	7.95	0
CO30024	CO30023	12.68	0 1-	4ACSR	0	0	500	147	0	0	0	0.00	7.95	0
CO30017	CO30022	12.52	1 1-	2ACSR	0	0	515	148	7	0	1	0.00	7.95	0
CO30460	CO30456	12.17	5 1-	4ACSR	0	0	549	151	22	3	2	0.02	7.20	0
CO27876	CO30460	12.18	5 1-	4ACSR	0	0	547	151	22	3	2	0.00	7.20	0
CO27877	CO27876	12.22	4 1-	4ACSR	0	0	543	151	13	1	1	0.00	7.20	0
CO27854	CO27877	12.33	2 1-	4ACSR	0	0	533	150	8	1	1	0.00	7.20	0
CO27853	CO27877	12.32	0 1-	4ACSR	0	0	533	150	0	0	0	0.00	7.20	0
CO27852	CO27868	11.98	2 1-	4ACSR	0	0	569	153	8	1	1	0.00	6.69	0
CO27504	XFMR72	10.85	0 1-	4ACSR	0	0	714	164	0	0	0	0.00	2.77	0
CO27502+	CO27469	10.69	1 1-	4ACSR	0	0	686	266	3	0	0	0.00	0.96	0
CO27503+	CO27560	10.63	1 1-	4ACSR	0	0	690	266	4	0	0	0.00	0.95	0
CO27558+	CO27557	10.50	1 1-	4ACSR	0	0	695	267	7	0	0	0.00	0.86	0
CO27559+	CO27558	10.69	0 1-	4ACSR	0	0	679	264	0	0	0	0.00	0.86	0
CO27492+	CO27549	9.88	1 1-	4ACSR	0	0	735	272	4	0	0	0.00	0.51	0
CO27675+	CO-1000846053	9.39	4 1-	4ACSR	0	0	769	276	6	0	0	0.00	0.23	0
OC837+	CO27675	9.39	4 1-	10 N FUSE	0	0	769	276	6	0	4	0.00	0.23	0
CO27676+	OC837	9.45	4 1-	4ACSR	0	0	763	275	6	0	0	0.00	0.23	0
CO27537+	CO27676	9.49	3 1-	4ACSR	0	0	759	274	0	0	0	0.00	0.23	0
CO27490+	CO27537	9.57	1 1-	4ACSR	0	0	751	273	0	0	0	0.00	0.23	0
CO27538+	CO27537	9.52	1 1-	4ACSR	0	0	756	274	0	0	0	0.00	0.23	0
CO27539+	CO27538	9.63	1 1-	4ACSR	0	0	745	272	0	0	0	0.00	0.23	0
CO27540+	CO27539	9.66	1 1-	4ACSR	0	0	742	272	0	0	0	0.00	0.23	0
CO27541+	CO27540	9.75	0 1-	4ACSR	0	0	733	271	0	0	0	0.00	0.23	0
CO27542+	CO27541	9.79	0 1-	4ACSR	0	0	730	270	0	0	0	0.00	0.23	0
CO27543+	CO27542	9.86	0 1-	4ACSR	0	0	723	269	0	0	0	0.00	0.23	0
CO27544+	CO27543	9.89	0 1-	4ACSR	0	0	720	269	0	0	0	0.00	0.23	0
CO27491+	CO27544	9.91	0 1-	4ACSR	0	0	718	268	0	0	0	0.00	0.23	0
CO27545+	CO27544	10.03	0 1-	4ACSR	0	0	708	267	0	0	0	0.00	0.23	0
CO27546+	CO27545	10.09	0 1-	4ACSR	0	0	702	266	0	0	0	0.00	0.23	0
CO27463+	CO27462	9.40	230 3-	1/0ACSR	1003	945	769	276	1068	24	10	0.02	0.17	38
CO27681+	CO27463	9.41	228 3-	1/0ACSR	1002	944	769	276	1046	23	10	0.00	0.18	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC847+	CO27681	9.41	228 3-	100 E OCR	1002	944	769	276	1046	23	24	0.00	0.18	0
CO27682+	OC847	9.42	228 3-	1/0ACSR	1001	943	768	276	1046	23	10	0.00	0.18	5
CO27517+	CO27682	9.51	228 3-	1/0ACSR	994	937	762	275	1046	23	10	0.02	0.20	27
CO27518+	CO27517	9.57	226 3-	1/0ACSR	989	932	758	275	1037	23	10	0.01	0.21	18
CO27464+	CO27518	9.66	225 3-	1/0ACSR	981	925	752	274	1033	23	10	0.02	0.23	31
CO30663+	CO27464	9.71	223 3-	1/0ACSR	978	922	749	274	1028	23	10	0.01	0.24	14
CO27470+	CO30663	9.76	223 3-	1/0ACSR	973	918	745	273	1028	23	10	0.01	0.25	16
CO27524+	CO27470	9.83	220 3-	1/0ACSR	968	913	741	273	1013	22	10	0.01	0.26	20
CO27525+	CO27524	10.01	219 3-	1/0ACSR	954	900	730	271	993	22	10	0.03	0.29	51
CO27529+	CO27525	10.16	217 3-	1/0ACSR	943	889	720	270	984	22	10	0.03	0.33	45
CO27528+	CO27529	10.26	217 3-	1/0ACSR	935	882	714	270	983	22	10	0.02	0.34	27
CO27486+	CO27528	10.32	2 1-	4ACSR	0	0	709	269	8	0	0	0.00	0.34	0
CO27533+	CO27528	10.33	213 3-	1/0ACSR	931	878	710	269	972	21	10	0.01	0.36	19
CO27534+	CO27533	10.48	213 3-	1/0ACSR	920	868	702	268	972	21	10	0.03	0.38	40
CO30399+	CO27534	10.64	212 3-	1/0ACSR	909	857	692	267	959	21	9	0.03	0.41	44
CO27230+	CO30399	10.76	211 3-	1/0ACSR	901	850	686	266	955	21	9	0.02	0.44	31
CO27231+	CO27230	10.85	211 3-	1/0ACSR	894	844	681	265	955	21	9	0.02	0.45	25
CO27315+	CO27231	10.86	6 1-	4ACSR	0	0	680	265	17	1	1	0.00	0.45	0
OC832+	CO27315	10.86	6 1-	10 N FUSE	0	0	680	265	17	1	12	0.00	0.45	0
CO27316+	OC832	10.93	6 1-	4ACSR	0	0	674	264	17	1	1	0.00	0.46	0
CO27188+	CO27316	11.40	4 1-	4ACSR	0	0	638	258	12	0	1	0.01	0.47	0
CO27202+	CO27188	11.60	1 1-	4ACSR	0	0	624	255	3	0	0	0.00	0.47	0
CO27201+	CO27188	11.48	1 1-	4ACSR	0	0	633	257	0	0	0	0.00	0.47	0
CO27232+	CO27188	11.47	2 1-	4ACSR	0	0	633	257	10	0	0	0.00	0.47	0
CO27233+	CO27232	11.82	0 1-	4ACSR	0	0	609	253	0	0	0	0.00	0.47	0
CO27203+	CO27316	11.04	1 1-	4ACSR	0	0	665	263	5	0	0	0.00	0.46	0
CO27189+	CO27231	10.96	205 3-	1/0ACSR	887	837	674	265	938	21	9	0.02	0.48	29
CO27236+	CO27189	11.05	203 3-	1/0ACSR	881	832	670	264	930	21	9	0.02	0.49	22
CO27237+	CO27236	11.37	203 3-	1/0ACSR	861	813	653	262	929	21	9	0.06	0.55	81
CO27204+	CO27237	11.45	0 1-	4ACSR	0	0	648	261	0	0	0	0.00	0.55	0
CO27238+	CO27237	11.48	203 3-	1/0ACSR	854	806	648	261	929	21	9	0.02	0.57	28
CO27239+	CO27238	11.61	203 3-	1/0ACSR	846	799	642	260	929	21	9	0.02	0.59	34
CO27240+	CO27239	11.80	203 3-	1/0ACSR	835	789	633	259	929	21	9	0.03	0.63	47
CO27313+	CO27240	11.81	11 1-	4ACSR	0	0	632	259	56	3	3	0.00	0.63	0
OC831+	CO27313	11.81	11 1-	35 E OCR	0	0	632	259	56	3	11	0.00	0.63	0
CO27314+	OC831	11.99	11 1-	4ACSR	0	0	619	256	56	3	3	0.02	0.64	0
CO27242+	CO27314	12.04	10 1-	4ACSR	0	0	616	256	55	3	3	0.00	0.65	0
CO27207+	CO27242	12.10	1 1-	2ACSR	0	0	613	255	7	0	0	0.00	0.65	0
CO27243+	CO27207	12.16	1 1-	1/0PRIURD	0	0	610	421	7	0	0	0.00	0.65	0
CO27241+	CO27242	12.25	9 1-	4ACSR	0	0	602	253	49	3	2	0.02	0.66	0
CO-845371752+	CO27241	12.35	9 1-	2ACSR	0	0	597	252	49	3	2	0.01	0.67	0
CO2042225417+	CO-845371752	12.62	9 1-	2ACSR	0	0	583	250	49	3	2	0.01	0.68	0
CO1769496304+	CO2042225417	12.64	8 1-	2ACSR	0	0	582	250	42	2	2	0.00	0.68	0
CO383478790+	CO1769496304	12.73	1 1-	2ACSR	0	0	578	249	10	0	0	0.00	0.68	0
CO-1443026499+	CO1769496304	12.67	7 1-	2ACSR	0	0	581	249	31	2	1	0.00	0.68	0
CO27219+	CO-1443026499	12.76	6 1-	4ACSR	0	0	575	248	23	1	1	0.00	0.69	0
CO27218+	CO27219	12.86	6 1-	4ACSR	0	0	570	247	23	1	1	0.00	0.69	0
CO27217+	CO27218	13.00	6 1-	4ACSR	0	0	562	245	23	1	1	0.01	0.70	0
CO27185+	CO27217	13.08	5 1-	4ACSR	0	0	557	244	18	1	1	0.00	0.70	0
CO30410+	CO27185	13.31	5 1-	4ACSR	0	0	544	242	18	1	1	0.01	0.70	0
CO27607+	CO30410	13.42	5 1-	4ACSR	0	0	539	240	18	1	1	0.00	0.71	0
CO27606+	CO27607	13.45	5 1-	4ACSR	0	0	537	240	18	1	1	0.00	0.71	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27605+	CO27606	13.51	5 1-	4ACSR	0	0	534	239	18	1	1	0.00	0.71	0
CO27456+	CO27605	13.59	3 1-	4ACSR	0	0	530	239	15	1	1	0.00	0.71	0
CO27603+	CO27456	13.72	2 1-	4ACSR	0	0	523	237	15	1	1	0.00	0.71	0
CO27604+	CO27603	13.81	1 1-	4ACSR	0	0	518	236	8	0	0	0.00	0.72	0
CO27602+	CO27604	13.89	1 1-	4ACSR	0	0	514	235	8	0	0	0.00	0.72	0
CO27601+	CO27605	13.63	0 1-	4ACSR	0	0	527	238	0	0	0	0.00	0.71	0
CO30409+	CO27185	13.22	0 1-	4ACSR	0	0	549	243	0	0	0	0.00	0.70	0
CO27215+	CO27217	13.10	1 1-	4ACSR	0	0	556	244	6	0	0	0.00	0.70	0
CO27216+	CO27215	13.14	1 1-	4ACSR	0	0	553	244	6	0	0	0.00	0.70	0
CO27209+	CO-1443026499	12.79	1 1-	2ACSR	0	0	575	248	8	0	0	0.00	0.69	0
CO-734106827+	CO2042225417	12.68	1 1-	2ACSR	0	0	581	249	7	0	0	0.00	0.68	0
CO27221+	CO-734106827	12.70	1 1-	4ACSR	0	0	579	249	7	0	0	0.00	0.68	0
CO27244+	CO27240	12.10	192 3-	1/0ACSR	817	773	619	257	872	19	9	0.05	0.68	68
CO27245+	CO27244	12.18	192 3-	1/0ACSR	813	769	615	256	872	19	9	0.01	0.69	17
CO27246+	CO27245	12.27	192 3-	1/0ACSR	808	764	611	256	872	19	9	0.02	0.71	21
CO27250+	CO27246	12.41	191 3-	1/0ACSR	801	757	605	255	868	19	9	0.02	0.73	29
CO27317+	CO27250	12.49	190 3-	1/0ACSR	796	753	602	254	863	19	8	0.01	0.75	18
CO27251+	CO27317	12.68	190 3-	1/0ACSR	787	744	594	253	863	19	8	0.03	0.78	40
CO27252+	CO27251	12.72	190 3-	1/0ACSR	784	742	592	253	863	19	8	0.01	0.78	9
CO27182+	CO27252	12.75	188 3-	1/0ACSR	783	740	591	252	854	19	8	0.01	0.79	7
CO27253+	CO27182	12.88	188 3-	1/0ACSR	776	734	586	252	854	19	8	0.02	0.81	28
CO27254+	CO27253	12.97	188 3-	1/0ACSR	772	730	582	251	853	19	8	0.01	0.83	18
CO27258+	CO27254	13.08	186 3-	1/0ACSR	766	725	578	250	848	19	8	0.02	0.84	24
CO27259+	CO27258	13.15	186 3-	1/0ACSR	762	721	575	250	848	19	8	0.01	0.86	16
CO27260+	CO27259	13.26	186 3-	1/0ACSR	757	716	571	249	847	19	8	0.02	0.87	22
CO27194+	CO27260	13.28	1 1-	4ACSR	0	0	569	249	0	0	0	0.00	0.87	0
CO27183+	CO27260	13.30	185 3-	1/0ACSR	755	715	569	249	847	19	8	0.01	0.88	8
CO27184+	CO27183	13.34	184 3-	1/0ACSR	754	713	568	249	845	19	8	0.01	0.89	8
CO30499+	CO27184	13.54	183 3-	1/0ACSR	744	704	560	247	842	19	8	0.03	0.92	44
CO27024+	CO30499	13.61	2 1-	4ACSR	0	0	556	247	7	0	0	0.00	0.92	0
CO27093+	CO30499	13.68	181 3-	1/0ACSR	738	698	555	246	836	18	8	0.02	0.94	27
CO27095+	CO27093	13.73	180 3-	1/0ACSR	735	696	553	246	821	18	8	0.01	0.95	11
CO27128+	CO27095	13.92	180 3-	1/0ACSR	727	688	547	245	821	18	8	0.03	0.98	37
CO27129+	CO27128	13.98	180 3-	1/0ACSR	724	685	545	245	821	18	8	0.01	0.99	12
CO26990+	CO27129	14.75	177 3-	1/0ACSR	691	655	519	240	788	17	8	0.12	1.11	142
CO27134+	CO26990	14.76	6 1-	4ACSR	0	0	519	240	37	2	2	0.00	1.11	0
OC828+	CO27134	14.76	6 1-	10 N FUSE	0	0	519	240	37	2	25	0.00	1.11	0
CO27135+	OC828	14.99	6 1-	4ACSR	0	0	507	237	37	2	2	0.01	1.13	0
CO27090+	CO27135	15.10	2 1-	4ACSR	0	0	503	236	16	1	1	0.00	1.13	0
CO27091+	CO27090	15.13	1 1-	4ACSR	0	0	501	236	8	0	0	0.00	1.13	0
CO27088+	CO27135	15.04	4 1-	4ACSR	0	0	505	237	21	1	1	0.00	1.13	0
CO27089+	CO27088	15.17	2 1-	4ACSR	0	0	499	235	0	0	0	0.00	1.13	0
CO27087+	CO27089	15.23	2 1-	4ACSR	0	0	497	235	0	0	0	0.00	1.13	0
CO1620110350+	CO27087	15.30	1 1-	2ACSR	0	0	494	234	0	0	0	0.00	1.13	0
CO-1413196059+	CO1620110350	15.31	0 1-	1/0PRIURD	0	0	494	363	0	0	0	0.00	1.13	0
CO-1437401406+	CO1620110350	15.42	1 1-	2ACSR	0	0	490	233	0	0	0	0.00	1.13	0
CO-509708034+	CO-1437401406	15.48	1 1-	1/0PRIURD	0	0	489	360	0	0	0	0.00	1.13	0
CO27036+	CO27087	15.28	1 1-	2ACSR	0	0	495	234	0	0	0	0.00	1.13	0
CO1280824492+	CO27088	15.12	0 1-	2ACSR	0	0	502	236	0	0	0	0.00	1.13	0
CO544020739+	CO1280824492	15.21	0 1-	2ACSR	0	0	499	235	0	0	0	0.00	1.13	0
CO-287991426+	CO544020739	15.29	0 1-	2ACSR	0	0	496	235	0	0	0	0.00	1.13	0
CO27092+	CO26990	14.94	171 3-	1/0ACSR	684	648	513	239	751	17	7	0.03	1.14	31

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO27035+	CO27092	15.03	1 1-	2ACSR	0	0	510	238	9	0	0	0.00	1.14	0
CO27116+	CO27092	15.14	169 3-	1/0ACSR	676	640	507	238	730	16	7	0.03	1.17	31
CO27117+	CO27116	15.21	169 3-	1/0ACSR	673	638	505	237	730	16	7	0.01	1.18	11
CO26991+	CO27117	15.28	168 3-	1/0ACSR	671	635	503	237	724	16	7	0.01	1.19	12
CO26993+	CO26991	15.33	48 1-	4ACSR	0	0	501	236	177	12	9	0.01	1.20	3
CO27132+	CO26993	15.33	48 1-	4ACSR	0	0	500	236	176	12	9	0.00	1.20	0
OC827+	CO27132	15.33	48 1-	25 H OCR	0	0	500	236	176	12	48	0.00	1.20	0
CO27133+	OC827	15.40	48 1-	4ACSR	0	0	498	235	176	12	9	0.02	1.22	5
XFMR81	CO27133	15.40	48 1-	167 KVA 1PH AUT	0	0	482	155	176	12	104	0.70	1.92	0
CO27080	XFMR81	15.52	48 1-	4ACSR	0	0	474	154	176	24	17	0.13	2.05	38
CO27012	CO27080	15.58	1 1-	4ACSR	0	0	470	154	7	0	1	0.00	2.05	0
CO26994	CO27080	15.62	47 1-	4ACSR	0	0	467	153	170	23	17	0.11	2.16	30
CO26995	CO26994	15.79	44 1-	4ACSR	0	0	456	152	165	22	16	0.17	2.33	45
CO30390	CO26995	15.98	20 1-	4ACSR	0	0	445	150	79	10	8	0.09	2.43	12
CO27153	CO30390	16.04	2 1-	4ACSR	0	0	442	150	4	0	0	0.00	2.43	0
CO27154	CO27153	16.13	1 1-	4ACSR	0	0	436	149	4	0	0	0.00	2.43	0
CO27155	CO30390	16.29	18 1-	4ACSR	0	0	427	147	76	10	7	0.14	2.56	16
CO27156	CO27155	16.35	17 1-	4ACSR	0	0	423	147	68	9	7	0.03	2.59	3
CO27180	CO27156	16.53	14 1-	4ACSR	0	0	413	145	61	8	6	0.06	2.65	6
CO27181	CO27180	16.71	12 1-	4ACSR	0	0	403	144	54	7	5	0.06	2.71	5
CO27163	CO27181	16.84	12 1-	4ACSR	0	0	397	143	53	7	5	0.04	2.76	4
CO27164	CO27163	16.89	12 1-	4ACSR	0	0	394	142	53	7	5	0.02	2.77	0
CO27165	CO27164	16.99	11 1-	4ACSR	0	0	389	142	50	6	5	0.03	2.80	0
CO27142	CO27165	17.05	1 1-	4ACSR	0	0	386	141	2	0	0	0.00	2.80	0
CO27140	CO27165	17.03	9 1-	4ACSR	0	0	387	141	40	5	4	0.01	2.81	0
CO27178	CO27140	17.10	8 1-	4ACSR	0	0	384	141	27	3	3	0.01	2.82	0
CO27179	CO27178	17.25	7 1-	4ACSR	0	0	376	140	23	3	2	0.02	2.84	0
CO27166	CO27179	17.37	7 1-	4ACSR	0	0	371	139	23	3	2	0.02	2.86	0
CO27145	CO27166	17.53	1 1-	4ACSR	0	0	363	138	6	0	1	0.00	2.86	0
CO27167	CO27166	17.48	6 1-	4ACSR	0	0	366	138	17	2	2	0.01	2.87	0
CO27176	CO27167	17.50	6 1-	4ACSR	0	0	365	138	17	2	2	0.00	2.87	0
CO27177	CO27176	17.52	5 1-	4ACSR	0	0	364	138	16	2	2	0.00	2.88	0
CO27144	CO27177	17.88	2 1-	4ACSR	0	0	348	135	11	1	1	0.01	2.89	0
CO27174	CO27177	17.65	3 1-	4ACSR	0	0	358	137	5	0	1	0.00	2.88	0
CO27175	CO27174	17.77	3 1-	4ACSR	0	0	353	136	5	0	1	0.00	2.88	0
CO27168	CO27175	17.91	2 1-	4ACSR	0	0	347	135	5	0	1	0.00	2.89	0
CO27172	CO27168	17.94	2 1-	4ACSR	0	0	346	135	5	0	1	0.00	2.89	0
CO27173	CO27172	17.96	1 1-	4ACSR	0	0	345	134	0	0	0	0.00	2.89	0
CO27143	CO27140	17.19	1 1-	4ACSR	0	0	379	140	13	1	1	0.01	2.82	0
CO27161	CO27156	16.39	2 1-	4ACSR	0	0	421	146	7	1	1	0.00	2.59	0
CO27162	CO27161	16.44	2 1-	4ACSR	0	0	418	146	7	1	1	0.00	2.59	0
CO27160	CO27162	16.49	2 1-	4ACSR	0	0	416	146	7	1	1	0.00	2.60	0
CO27159	CO27160	16.51	2 1-	4ACSR	0	0	414	146	7	1	1	0.00	2.60	0
CO27158	CO27159	16.58	1 1-	4ACSR	0	0	411	145	1	0	0	0.00	2.60	0
CO27157	CO27158	16.64	1 1-	4ACSR	0	0	407	144	1	0	0	0.00	2.60	0
CO27084	CO26995	15.85	22 1-	4ACSR	0	0	453	151	78	10	8	0.03	2.36	3
CO27085	CO27084	15.95	19 1-	4ACSR	0	0	447	150	70	9	7	0.04	2.40	5
CO27013	CO27085	15.99	1 1-	4ACSR	0	0	444	150	10	1	1	0.00	2.40	0
CO27086	CO27085	16.08	18 1-	4ACSR	0	0	439	149	60	8	6	0.05	2.45	5
CO30518	CO27086	16.16	18 1-	4ACSR	0	0	434	148	60	8	6	0.03	2.48	3
CO2021199291	CO30518	16.21	0 1-	2ACSR	0	0	432	148	0	0	0	0.00	2.48	0
CO30519	CO30518	16.29	15 1-	4ACSR	0	0	427	147	50	6	5	0.04	2.51	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27141	CO30519	16.38	12 1-	4ACSR	0	0	421	147	34	4	3	0.02	2.53	0
CO30391	CO27141	16.63	10 1-	1/0ACSR	0	0	412	146	28	3	2	0.02	2.55	0
CO27353	CO30391	16.74	10 1-	1/0ACSR	0	0	408	145	28	3	2	0.01	2.56	0
CO27354	CO27353	16.86	10 1-	1/0ACSR	0	0	403	145	28	3	2	0.01	2.57	0
CO30393	CO27354	16.99	9 1-	1/0ACSR	0	0	399	144	28	3	2	0.01	2.58	0
CO30394	CO30393	17.30	9 1-	1/0ACSR	0	0	388	143	28	3	2	0.03	2.61	0
CO27322	CO30394	17.38	9 1-	4ACSR	0	0	384	142	28	3	3	0.01	2.62	0
CO27359	CO27322	17.61	8 1-	4ACSR	0	0	373	140	25	3	2	0.04	2.66	0
CO30396	CO27359	17.74	2 1-	2ACSR	0	0	368	140	1	0	0	0.00	2.66	0
CO27212	CO30396	17.82	2 1-	2ACSR	0	0	365	139	1	0	0	0.00	2.66	0
CO27213	CO27212	17.86	1 1-	2ACSR	0	0	364	139	1	0	0	0.00	2.66	0
CO27360	CO27359	17.69	6 1-	4ACSR	0	0	369	140	23	3	2	0.01	2.67	0
CO27323	CO27360	17.79	4 1-	4ACSR	0	0	365	139	16	2	2	0.01	2.68	0
CO27330	CO27323	17.88	3 1-	4ACSR	0	0	361	138	9	1	1	0.01	2.68	0
CO27361	CO27330	17.97	1 1-	4ACSR	0	0	357	138	8	1	1	0.00	2.69	0
CO27362	CO27361	18.01	0 1-	4ACSR	0	0	355	137	0	0	0	0.00	2.69	0
CO27324	CO27330	18.01	1 1-	4ACSR	0	0	355	137	0	0	0	0.00	2.68	0
CO27363	CO27324	18.12	0 1-	4ACSR	0	0	351	136	0	0	0	0.00	2.68	0
CO27364	CO27363	18.25	0 1-	4ACSR	0	0	345	135	0	0	0	0.00	2.68	0
CO27340	CO27324	18.20	1 1-	4ACSR	0	0	347	136	0	0	0	0.00	2.68	0
CO27347	CO27330	17.93	1 1-	4ACSR	0	0	359	138	1	0	0	0.00	2.68	0
CO27348	CO27323	17.86	1 1-	1/0PRIURD	0	0	363	242	7	0	1	0.00	2.68	0
CO30397	CO27360	17.91	2 1-	4ACSR	0	0	360	138	8	1	1	0.01	2.68	0
CO27214	CO30397	17.99	0 1-	4ACSR	0	0	356	137	0	0	0	0.00	2.68	0
CO27339	CO27322	17.43	1 1-	4ACSR	0	0	381	142	4	0	0	0.00	2.62	0
CO30395	CO30394	17.41	0 1-	4ACSR	0	0	382	142	0	0	0	0.00	2.61	0
CO27355	CO27354	16.98	1 1-	4ACSR	0	0	397	144	0	0	0	0.00	2.57	0
CO27356	CO27355	17.13	1 1-	4ACSR	0	0	390	142	0	0	0	0.00	2.57	0
CO27357	CO27356	17.22	1 1-	4ACSR	0	0	385	142	0	0	0	0.00	2.57	0
CO27358	CO27357	17.31	1 1-	4ACSR	0	0	381	141	0	0	0	0.00	2.57	0
CO27146	CO27141	16.48	2 1-	4ACSR	0	0	416	146	5	0	1	0.00	2.53	0
CO27150	CO30519	16.41	2 1-	4ACSR	0	0	420	146	8	1	1	0.00	2.52	0
CO27151	CO27150	16.51	1 1-	4ACSR	0	0	415	146	0	0	0	0.00	2.52	0
CO27152	CO27151	16.58	0 1-	4ACSR	0	0	410	145	0	0	0	0.00	2.52	0
CO27081	CO26994	15.70	3 1-	4ACSR	0	0	462	153	5	0	0	0.00	2.16	0
CO27082	CO27081	15.73	2 1-	4ACSR	0	0	461	152	5	0	0	0.00	2.16	0
CO27083	CO27082	15.92	1 1-	4ACSR	0	0	449	151	0	0	0	0.00	2.16	0
CO26992+	CO26991	15.51	117 3-	1/0ACSR	662	627	496	235	546	12	5	0.02	1.21	20
CO27078+	CO26992	15.66	0 1-	4ACSR	0	0	489	234	0	0	0	0.00	1.21	0
CO27079+	CO27078	15.80	0 1-	4ACSR	0	0	484	232	0	0	0	0.00	1.21	0
CO27098+	CO26992	15.58	117 3-	1/0ACSR	660	625	494	235	546	12	5	0.01	1.22	6
CO27099+	CO27098	15.80	116 3-	1/0ACSR	652	618	488	234	536	12	5	0.02	1.24	18
CO27100+	CO27099	15.93	116 3-	1/0ACSR	647	613	484	233	536	12	5	0.01	1.26	11
CO27101+	CO27100	15.95	115 3-	1/0ACSR	646	613	484	233	529	12	5	0.00	1.26	0
CO26996+	CO27101	16.06	113 3-	1/0ACSR	642	609	481	232	523	11	5	0.01	1.27	9
CO27014+	CO26996	16.11	1 1-	4ACSR	0	0	479	232	11	0	1	0.00	1.27	0
CO27102+	CO26996	16.11	111 3-	1/0ACSR	641	607	479	232	500	11	5	0.00	1.28	4
CO27103+	CO27102	16.15	110 3-	1/0ACSR	639	606	478	232	498	11	5	0.00	1.28	3
CO27104+	CO27103	16.25	109 3-	1/0ACSR	636	603	475	231	489	11	5	0.01	1.29	7
CO27105+	CO27104	16.28	109 3-	1/0ACSR	635	602	475	231	489	11	5	0.00	1.29	0
CO27136+	CO27105	16.29	108 1-	4ACSR	0	0	474	231	318	21	15	0.00	1.30	0
OC829+	CO27136	16.29	108 1-	50 E OCR	0	0	474	231	318	21	43	0.00	1.30	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO27137+	OC829	16.38	108 1-	4ACSR	0	0	471	230	318	21	15	0.04	1.34	22
CO26997+	CO27137	16.42	85 1-	4ACSR	0	0	469	230	240	16	12	0.02	1.36	7
CO27071+	CO26997	16.50	72 1-	4ACSR	0	0	466	229	204	13	10	0.02	1.38	8
CO27072+	CO27071	16.55	72 1-	4ACSR	0	0	464	228	204	13	10	0.02	1.40	6
CO27070+	CO27072	16.64	71 1-	4ACSR	0	0	460	227	203	13	10	0.03	1.43	9
CO27120+	CO27070	16.66	71 1-	4ACSR	0	0	460	227	203	13	10	0.01	1.43	0
CO27121+	CO27120	16.70	70 1-	4ACSR	0	0	458	227	200	13	10	0.01	1.44	4
CO27108+	CO27121	16.75	70 1-	4ACSR	0	0	456	226	200	13	10	0.02	1.46	5
CO27109+	CO27108	16.80	69 1-	4ACSR	0	0	454	226	197	13	10	0.01	1.47	5
CO27068+	CO27109	16.88	6 1-	4ACSR	0	0	451	225	23	1	1	0.00	1.48	0
CO27069+	CO27068	16.90	3 1-	4ACSR	0	0	451	225	10	0	0	0.00	1.48	0
CO27118+	CO27069	16.93	3 1-	4ACSR	0	0	450	224	10	0	0	0.00	1.48	0
CO27119+	CO27118	16.96	1 1-	4ACSR	0	0	448	224	3	0	0	0.00	1.48	0
CO27110+	CO27109	16.88	61 1-	4ACSR	0	0	452	225	167	11	8	0.02	1.49	5
CO27111+	CO27110	16.93	60 1-	4ACSR	0	0	450	224	159	10	8	0.01	1.51	3
CO27138+	CO27111	16.94	59 1-	4ACSR	0	0	449	224	154	10	8	0.00	1.51	0
OC830+	CO27138	16.94	59 1-	50 E OCR	0	0	449	224	154	10	21	0.00	1.51	0
CO27139+	OC830	17.02	59 1-	4ACSR	0	0	446	223	154	10	8	0.02	1.53	5
CO27067+	CO27139	17.04	59 1-	4ACSR	0	0	446	223	154	10	8	0.00	1.53	0
CO30349+	CO27067	17.19	56 1-	4ACSR	0	0	440	222	131	8	6	0.03	1.56	7
CO25252+	CO30349	17.27	55 1-	4ACSR	0	0	437	221	131	8	6	0.02	1.58	3
XFMR82	CO25252	17.27	54 1-	167 KVA 1PH AUT	0	0	456	152	124	8	73	0.49	2.07	0
CO25251	XFMR82	17.32	54 1-	4ACSR	0	0	453	152	124	16	12	0.04	2.11	9
CO25383	CO25251	17.33	54 1-	4ACSR	0	0	452	152	124	16	12	0.01	2.11	0
OC765	CO25383	17.33	54 1-	20 N FUSE	0	0	452	152	124	16	85	0.00	2.11	0
CO25384	OC765	17.36	54 1-	4ACSR	0	0	450	151	124	16	12	0.03	2.14	5
CO25336	CO25384	17.42	54 1-	4ACSR	0	0	447	151	124	16	12	0.04	2.18	8
CO25335	CO25336	17.49	53 1-	4ACSR	0	0	442	150	124	16	12	0.06	2.24	12
CO25224	CO25335	17.55	51 1-	4ACSR	0	0	439	150	120	16	12	0.04	2.28	8
CO25236	CO25224	17.60	1 1-	4ACSR	0	0	436	149	5	0	0	0.00	2.28	0
CO25225	CO25224	17.70	50 1-	4ACSR	0	0	430	148	115	15	11	0.11	2.39	20
CO25254	CO25225	17.81	48 1-	4ACSR	0	0	424	147	112	15	11	0.08	2.47	14
CO25253	CO25254	17.87	47 1-	4ACSR	0	0	421	147	106	14	10	0.04	2.50	6
CO25255	CO25253	17.97	46 1-	4ACSR	0	0	415	146	103	14	10	0.06	2.57	11
CO25338	CO25255	18.02	1 1-	4ACSR	0	0	412	146	3	0	0	0.00	2.57	0
CO25337	CO25338	18.08	1 1-	4ACSR	0	0	409	145	3	0	0	0.00	2.57	0
CO25238	CO25255	18.06	2 1-	4ACSR	0	0	410	145	2	0	0	0.00	2.57	0
CO25258	CO25255	18.07	43 1-	4ACSR	0	0	410	145	98	13	10	0.06	2.63	10
CO25256	CO25258	18.10	39 1-	4ACSR	0	0	408	145	96	13	9	0.02	2.65	3
CO25257	CO25256	18.22	39 1-	4ACSR	0	0	402	144	96	13	9	0.07	2.72	11
CO25260	CO25257	18.27	38 1-	4ACSR	0	0	399	144	92	12	9	0.03	2.75	4
CO25259	CO25260	18.36	38 1-	4ACSR	0	0	394	143	92	12	9	0.05	2.80	8
CO25262	CO25259	18.40	38 1-	4ACSR	0	0	392	143	92	12	9	0.02	2.82	3
CO25261	CO25262	18.49	38 1-	4ACSR	0	0	388	142	92	12	9	0.05	2.87	8
CO30354	CO25261	18.67	35 1-	4ACSR	0	0	379	140	78	10	8	0.09	2.96	11
CO25406	CO30354	18.77	34 1-	4ACSR	0	0	374	140	78	10	8	0.05	3.01	6
CO25407	CO25406	18.81	33 1-	4ACSR	0	0	373	139	77	10	8	0.02	3.03	2
CO-679756971	CO25407	18.91	32 1-	2ACSR	0	0	369	139	77	10	6	0.03	3.06	4
CO-1553374567	CO-679756971	18.98	1 1-	2ACSR	0	0	366	138	0	0	0	0.00	3.06	0
CO930358855	CO-679756971	19.05	31 1-	2ACSR	0	0	364	138	77	10	6	0.05	3.11	5
CO25408	CO930358855	19.13	3 1-	4ACSR	0	0	360	137	10	1	1	0.00	3.11	0
CO25399	CO25408	19.17	1 1-	4ACSR	0	0	358	137	7	0	1	0.00	3.11	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25409	CO25408	19.25	1 1-	4ACSR	0	0	355	137	1	0	0	0.00	3.11	0
CO25410	CO930358855	19.15	28 1-	4ACSR	0	0	359	137	67	9	7	0.04	3.15	4
CO25411	CO25410	19.26	27 1-	4ACSR	0	0	354	136	63	8	6	0.04	3.19	4
CO25412	CO25411	19.43	26 1-	4ACSR	0	0	347	135	59	8	6	0.06	3.25	6
CO25413	CO25412	19.47	24 1-	4ACSR	0	0	346	135	58	7	6	0.01	3.27	0
CO25391	CO25413	19.56	23 1-	4ACSR	0	0	342	134	57	7	6	0.03	3.30	3
CO25416	CO25391	19.64	20 1-	4ACSR	0	0	339	134	52	7	5	0.02	3.32	0
CO25417	CO25416	19.71	18 1-	4ACSR	0	0	336	133	48	6	5	0.02	3.34	0
CO25418	CO25417	19.83	16 1-	4ACSR	0	0	331	132	40	5	4	0.03	3.37	0
CO25392	CO25418	19.90	15 1-	4ACSR	0	0	329	132	40	5	4	0.02	3.39	0
CO25393	CO25392	19.97	13 1-	4ACSR	0	0	326	131	33	4	3	0.01	3.41	0
CO25425	CO25393	20.08	1 1-	4ACSR	0	0	322	131	0	0	0	0.00	3.41	0
CO25426	CO25425	20.24	0 1-	4ACSR	0	0	316	130	0	0	0	0.00	3.41	0
CO25402	CO25425	20.22	1 1-	4ACSR	0	0	317	130	0	0	0	0.00	3.41	0
CO25419	CO25393	20.03	12 1-	4ACSR	0	0	324	131	33	4	3	0.01	3.42	0
CO-127304675	CO25419	20.23	12 1-	2ACSR	0	0	318	130	33	4	3	0.03	3.45	0
CO1281407286	CO-127304675	20.32	1 1-	2ACSR	0	0	316	130	0	0	0	0.00	3.45	0
CO-261609273	CO-127304675	20.36	11 1-	2ACSR	0	0	314	130	33	4	3	0.02	3.46	0
CO25421	CO-261609273	20.54	11 1-	4ACSR	0	0	308	128	33	4	3	0.04	3.50	0
CO25422	CO25421	20.66	7 1-	4ACSR	0	0	304	128	23	3	2	0.02	3.52	0
CO25423	CO25422	21.03	6 1-	4ACSR	0	0	292	125	21	2	2	0.05	3.57	0
CO25395	CO25423	21.31	5 1-	4ACSR	0	0	284	124	21	2	2	0.04	3.60	0
CO30435	CO25395	21.57	0 1-	4ACSR	0	0	277	122	0	0	0	0.00	3.60	0
CO25291	CO30435	21.89	0 1-	4ACSR	0	0	268	120	0	0	0	0.00	3.60	0
CO30350	CO25395	21.35	5 1-	4ACSR	0	0	283	123	21	2	2	0.01	3.61	0
CO25290	CO30350	21.38	4 1-	4ACSR	0	0	282	123	19	2	2	0.00	3.61	0
CO25245	CO25290	21.57	1 1-	4ACSR	0	0	277	122	1	0	0	0.00	3.61	0
CO25293	CO25290	21.62	3 1-	4ACSR	0	0	275	122	18	2	2	0.03	3.64	0
CO25292	CO25293	21.68	2 1-	4ACSR	0	0	273	121	17	2	2	0.01	3.64	0
CO25357	CO25292	21.79	1 1-	4ACSR	0	0	271	121	11	1	1	0.01	3.65	0
CO25356	CO25357	21.87	1 1-	4ACSR	0	0	268	120	11	1	1	0.00	3.65	0
CO25355	CO25292	21.74	0 1-	4ACSR	0	0	272	121	0	0	0	0.00	3.64	0
CO25354	CO25355	21.89	0 1-	4ACSR	0	0	268	120	0	0	0	0.00	3.64	0
CO25403	CO25423	21.20	1 1-	4ACSR	0	0	287	124	0	0	0	0.00	3.57	0
CO25396	CO25421	20.88	3 1-	4ACSR	0	0	297	126	9	1	1	0.02	3.52	0
CO25404	CO25396	20.98	0 1-	4ACSR	0	0	294	126	0	0	0	0.00	3.52	0
CO25424	CO25396	21.07	3 1-	4ACSR	0	0	291	125	9	1	1	0.01	3.53	0
CO-1877795446	CO25424	21.09	0 1-	2ACSR	0	0	291	125	0	0	0	0.00	3.53	0
CO1535933870	CO-1877795446	21.11	0 1-	2ACSR	0	0	290	125	0	0	0	0.00	3.53	0
CO25401	CO25392	19.96	2 1-	4ACSR	0	0	326	132	7	0	1	0.00	3.39	0
CO25400	CO25418	19.89	1 1-	4ACSR	0	0	329	132	0	0	0	0.00	3.37	0
CO25398	CO25391	19.64	3 1-	4ACSR	0	0	339	134	5	0	1	0.00	3.30	0
CO25414	CO25413	19.57	1 1-	4ACSR	0	0	341	134	1	0	0	0.00	3.27	0
CO25415	CO25414	19.58	1 1-	4ACSR	0	0	341	134	1	0	0	0.00	3.27	0
CO-1298225087	CO25407	18.86	1 1-	2ACSR	0	0	370	139	0	0	0	0.00	3.03	0
CO686984479	CO-1298225087	18.89	1 1-	2ACSR	0	0	370	139	0	0	0	0.00	3.03	0
CO-1718293908	CO686984479	18.96	1 1-	2ACSR	0	0	367	139	0	0	0	0.00	3.03	0
CO1285000461	CO-1718293908	19.04	1 1-	2ACSR	0	0	364	138	0	0	0	0.00	3.03	0
CO25340	CO25261	18.64	3 1-	4ACSR	0	0	380	141	13	1	1	0.01	2.89	0
CO25239	CO25340	18.70	1 1-	4ACSR	0	0	378	140	2	0	0	0.00	2.89	0
CO25339	CO25340	18.67	2 1-	4ACSR	0	0	379	140	11	1	1	0.00	2.89	0
CO30356	CO25339	18.69	2 1-	4ACSR	0	0	378	140	11	1	1	0.00	2.89	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25405	CO30356	18.73	1 1-	4ACSR	0	0	376	140	9	1	1	0.00	2.89	0
CO25237	CO25225	17.76	2 1-	4ACSR	0	0	427	148	3	0	0	0.00	2.39	0
CO25235	CO25335	17.57	2 1-	4ACSR	0	0	438	149	3	0	0	0.00	2.24	0
CO27065+	CO27067	17.07	2 1-	4ACSR	0	0	444	223	21	1	1	0.00	1.53	0
CO27066+	CO27065	17.16	1 1-	4ACSR	0	0	441	222	10	0	0	0.00	1.53	0
CO27023+	CO27111	17.00	0 1-	4ACSR	0	0	447	224	0	0	0	0.00	1.51	0
CO27114+	CO26997	16.47	13 1-	4ACSR	0	0	467	229	36	2	2	0.00	1.36	0
CO27115+	CO27114	16.54	12 1-	4ACSR	0	0	465	228	31	2	1	0.00	1.36	0
CO27073+	CO27115	16.64	12 1-	4ACSR	0	0	460	227	31	2	1	0.00	1.37	0
CO27124+	CO27073	16.69	4 1-	4ACSR	0	0	459	227	9	0	0	0.00	1.37	0
CO27125+	CO27124	16.73	3 1-	4ACSR	0	0	457	226	8	0	0	0.00	1.37	0
CO27077+	CO27125	16.83	2 1-	4ACSR	0	0	453	225	7	0	0	0.00	1.37	0
CO27075+	CO27073	16.68	4 1-	4ACSR	0	0	459	227	11	0	1	0.00	1.37	0
CO27076+	CO27075	16.69	4 1-	4ACSR	0	0	458	227	11	0	1	0.00	1.37	0
CO27074+	CO27076	16.73	1 1-	4ACSR	0	0	457	226	1	0	0	0.00	1.37	0
CO27106+	CO27137	16.46	23 1-	4ACSR	0	0	468	229	78	5	4	0.01	1.35	0
CO27107+	CO27106	16.47	22 1-	4ACSR	0	0	467	229	75	5	4	0.00	1.35	0
CO27021+	CO27107	16.48	0 1-	4ACSR	0	0	467	229	0	0	0	0.00	1.35	0
CO27020+	CO27107	16.48	0 1-	4ACSR	0	0	467	229	0	0	0	0.00	1.35	0
CO26998+	CO27107	16.53	22 1-	4ACSR	0	0	465	228	75	5	4	0.01	1.36	0
CO26999+	CO26998	16.62	17 1-	4ACSR	0	0	461	227	57	3	3	0.01	1.36	0
CO27122+	CO26999	16.66	14 1-	4ACSR	0	0	460	227	56	3	3	0.00	1.37	0
CO27123+	CO27122	16.74	12 1-	4ACSR	0	0	457	226	55	3	3	0.01	1.37	0
CO27016+	CO27123	16.83	0 1-	4ACSR	0	0	453	225	0	0	0	0.00	1.37	0
CO27000+	CO27123	16.83	11 1-	4ACSR	0	0	453	225	51	3	2	0.01	1.38	0
CO27001+	CO27000	17.08	10 1-	4ACSR	0	0	444	223	47	3	2	0.01	1.40	0
CO27061+	CO27001	17.27	8 1-	4ACSR	0	0	437	221	29	1	1	0.01	1.40	0
CO27062+	CO27061	17.43	8 1-	4ACSR	0	0	432	220	29	1	1	0.01	1.41	0
CO27002+	CO27062	17.56	5 1-	4ACSR	0	0	427	218	22	1	1	0.00	1.42	0
CO30392+	CO27002	17.75	3 1-	4ACSR	0	0	421	216	15	1	1	0.00	1.42	0
CO27169+	CO30392	17.83	3 1-	4ACSR	0	0	419	216	15	1	1	0.00	1.42	0
CO27149+	CO27169	17.89	1 1-	2ACSR	0	0	417	215	9	0	0	0.00	1.42	0
CO27170+	CO27169	17.88	2 1-	4ACSR	0	0	417	215	6	0	0	0.00	1.42	0
CO27148+	CO27170	18.06	2 1-	4ACSR	0	0	411	214	6	0	0	0.00	1.42	0
CO27059+	CO27002	17.63	1 1-	4ACSR	0	0	425	218	4	0	0	0.00	1.42	0
CO27060+	CO27059	17.71	1 1-	4ACSR	0	0	422	217	4	0	0	0.00	1.42	0
CO27022+	CO27062	17.48	2 1-	4ACSR	0	0	430	219	7	0	0	0.00	1.41	0
CO27112+	CO27062	17.71	1 1-	4ACSR	0	0	422	217	0	0	0	0.00	1.41	0
CO27113+	CO27112	17.86	0 1-	4ACSR	0	0	417	215	0	0	0	0.00	1.41	0
CO30389+	CO27113	18.01	0 1-	4ACSR	0	0	413	214	0	0	0	0.00	1.41	0
CO27171+	CO30389	18.04	0 1-	4ACSR	0	0	412	214	0	0	0	0.00	1.41	0
CO27015+	CO27001	17.17	1 1-	4ACSR	0	0	441	222	1	0	0	0.00	1.40	0
CO27063+	CO27000	16.89	1 1-	4ACSR	0	0	451	225	4	0	0	0.00	1.38	0
CO27064+	CO27063	16.93	1 1-	4ACSR	0	0	450	224	4	0	0	0.00	1.38	0
CO27018+	CO26999	16.68	1 1-	4ACSR	0	0	459	227	0	0	0	0.00	1.36	0
CO27017+	CO26999	16.68	1 1-	4ACSR	0	0	459	227	0	0	0	0.00	1.36	0
CO27019+	CO26998	16.58	1 1-	4ACSR	0	0	463	228	3	0	0	0.00	1.36	0
CO27010+	CO27101	16.02	2 1-	4ACSR	0	0	481	232	6	0	0	0.00	1.26	0
CO27011+	CO27117	15.26	1 1-	4ACSR	0	0	503	237	6	0	0	0.00	1.18	0
CO27034+	CO27129	14.02	1 1-	2ACSR	0	0	543	244	15	1	1	0.00	0.99	0
CO27096+	CO27129	14.02	2 1-	4ACSR	0	0	542	244	18	1	1	0.00	0.99	0
CO27097+	CO27096	14.13	1 1-	4ACSR	0	0	537	243	10	0	0	0.00	0.99	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27094+	CO27093	13.75	1 1-	2ACSR	0	0	552	246	14	0	1	0.00	0.94	0
CO27195+	CO27184	13.51	0 1-	4ACSR	0	0	558	247	0	0	0	0.00	0.89	0
CO27196+	CO27183	13.34	1 1-	4ACSR	0	0	567	248	2	0	0	0.00	0.88	0
CO27255+	CO27254	13.02	2 1-	4ACSR	0	0	579	250	6	0	0	0.00	0.83	0
CO27256+	CO27255	13.05	2 1-	4ACSR	0	0	577	250	6	0	0	0.00	0.83	0
CO27257+	CO27256	13.16	0 1-	4ACSR	0	0	571	249	0	0	0	0.00	0.83	0
OC1288751909+	CO27257	13.16	0 1-	35 E OCR	0	0	571	249	0	0	0	0.00	0.83	0
CO27311+	OC1288751909	13.16	0 1-	4ACSR	0	0	571	249	0	0	0	0.00	0.83	0
SW833-A+	CO27311	13.16	0 1-	Open	0	0	571	249	0	0	0	0.00	0.83	0
CO27193+	CO27182	12.77	0 1-	4ACSR	0	0	590	252	0	0	0	0.00	0.79	0
CO27192+	CO27252	12.79	2 1-	4ACSR	0	0	588	252	9	0	0	0.00	0.78	0
CO27247+	CO27246	12.37	1 1-	4ACSR	0	0	605	254	4	0	0	0.00	0.71	0
CO27248+	CO27247	12.43	1 1-	4ACSR	0	0	601	254	4	0	0	0.00	0.71	0
CO27249+	CO27248	12.47	1 1-	4ACSR	0	0	598	253	4	0	0	0.00	0.71	0
CO27235+	CO27189	11.08	2 1-	4ACSR	0	0	665	263	8	0	0	0.00	0.48	0
CO27234+	CO27235	11.10	1 1-	4ACSR	0	0	664	263	2	0	0	0.00	0.48	0
CO27205+	CO27189	11.01	0 1-	4ACSR	0	0	671	264	0	0	0	0.00	0.48	0
CO27531+	CO27528	10.41	1 1-	4ACSR	0	0	701	267	3	0	0	0.00	0.34	0
CO27532+	CO27531	10.47	1 1-	4ACSR	0	0	696	267	3	0	0	0.00	0.34	0
CO27530+	CO27532	10.57	1 1-	4ACSR	0	0	687	265	3	0	0	0.00	0.34	0
CO27526+	CO27525	10.33	0 1-	1/0ACSR	0	0	710	269	0	0	0	0.00	0.29	0
CO27527+	CO27526	10.50	0 1-	1/0ACSR	0	0	700	268	0	0	0	0.00	0.29	0
CO27522+	CO27470	9.82	2 1-	4ACSR	0	0	740	272	16	1	1	0.00	0.25	0
CO27519+	CO27464	9.72	1 1-	2ACSR	0	0	747	273	2	0	0	0.00	0.23	0
CO27520+	CO27519	9.74	1 1-	2ACSR	0	0	746	273	2	0	0	0.00	0.23	0
CO27521+	CO27520	9.78	1 1-	2ACSR	0	0	742	273	2	0	0	0.00	0.23	0
CO27487+	CO27518	9.66	1 1-	4ACSR	0	0	749	273	4	0	0	0.00	0.21	0
CO27488+	CO27463	9.44	2 1-	4ACSR	0	0	766	275	22	1	1	0.00	0.17	0
CO27489+	CO27462	9.55	1 1-	4ACSR	0	0	750	273	2	0	0	0.00	0.15	0
CO29706+	CO29733	7.63	1 1-	4ACSR	0	0	909	289	0	0	0	0.00	8.23	0
CO29707+	CO29706	7.72	0 1-	4ACSR	0	0	895	287	0	0	0	0.00	8.23	0
CO29734+	CO29662	7.15	138 1-	6ACWC	0	0	961	294	578	41	30	0.00	7.91	0
OC929+	CO29734	7.15	138 1-	70 E OCR	0	0	961	294	578	41	60	0.00	7.91	0
CO29735+	OC929	7.24	138 1-	6ACWC	0	0	947	292	578	41	30	0.09	7.99	84
CO29699+	CO29735	7.31	138 1-	6ACWC	0	0	937	291	578	41	30	0.06	8.06	63
CO29700+	CO29699	7.51	138 1-	6ACWC	0	0	909	288	577	41	30	0.18	8.24	179
CO29543+	CO29700	7.64	5 1-	6ACWC	0	0	890	286	17	1	1	0.00	8.24	0
CO29704+	CO29543	7.78	3 1-	6ACWC	0	0	871	284	15	1	1	0.00	8.25	0
CO29564+	CO29704	7.84	1 1-	6ACWC	0	0	864	283	11	0	1	0.00	8.25	0
CO29705+	CO29704	7.86	1 1-	6ACWC	0	0	860	282	4	0	0	0.00	8.25	0
CO29702+	CO29543	7.66	2 1-	6ACWC	0	0	887	286	2	0	0	0.00	8.24	0
CO29703+	CO29702	7.69	1 1-	6ACWC	0	0	883	285	1	0	0	0.00	8.24	0
CO29701+	CO29700	7.62	133 1-	6ACWC	0	0	893	286	560	40	29	0.10	8.35	99
CO30514+	CO29701	7.83	132 1-	6ACWC	0	0	865	283	553	40	29	0.19	8.54	178
CO29916+	CO30514	7.94	129 1-	6ACWC	0	0	851	281	543	39	28	0.10	8.63	90
CO29917+	CO29916	7.98	129 1-	6ACWC	0	0	846	281	542	39	28	0.04	8.67	34
CO29847+	CO29917	8.20	129 1-	6ACWC	0	0	818	277	542	39	28	0.20	8.87	188
CO29920+	CO29847	8.27	2 1-	6ACWC	0	0	810	276	9	0	0	0.00	8.87	0
CO29921+	CO29920	8.32	1 1-	6ACWC	0	0	804	276	9	0	0	0.00	8.88	0
CO29922+	CO29921	8.41	1 1-	6ACWC	0	0	794	274	9	0	0	0.00	8.88	0
CO29870+	CO29847	8.22	1 1-	6ACWC	0	0	815	277	2	0	0	0.00	8.87	0
CO29848+	CO29847	8.35	126 1-	6ACWC	0	0	800	275	531	38	28	0.13	9.01	121

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO29869+	CO29848	8.45	0 1-	6ACWC	0	0	789	274	0	0	0	0.00	9.01	0
CO29923+	CO29848	8.43	126 1-	6ACWC	0	0	791	274	530	38	28	0.07	9.07	60
CO29924+	CO29923	8.54	123 1-	6ACWC	0	0	780	273	523	38	27	0.09	9.17	83
CO29925+	CO29924	8.73	122 1-	6ACWC	0	0	759	270	522	38	27	0.17	9.33	150
CO29868+	CO29925	8.88	0 1-	6ACWC	0	0	743	268	0	0	0	0.00	9.33	0
CO29849+	CO29925	9.32	118 1-	6ACWC	0	0	702	262	516	37	27	0.50	9.84	446
CO29931+	CO29849	9.54	6 1-	6ACWC	0	0	682	259	44	3	2	0.02	9.85	0
CO29932+	CO29931	9.60	5 1-	6ACWC	0	0	677	258	38	2	2	0.00	9.86	0
CO29895+	CO29932	9.72	1 1-	2ACSR	0	0	669	257	10	0	0	0.00	9.86	0
CO29871+	CO29932	9.68	1 1-	6ACWC	0	0	671	257	9	0	0	0.00	9.86	0
CO29933+	CO29932	9.66	3 1-	6ACWC	0	0	672	257	19	1	1	0.00	9.86	0
CO29935+	CO29933	9.72	2 1-	6ACWC	0	0	667	257	12	0	1	0.00	9.86	0
CO29936+	CO29935	9.78	2 1-	6ACWC	0	0	663	256	12	0	1	0.00	9.86	0
CO29937+	CO29936	9.85	1 1-	6ACWC	0	0	657	255	7	0	0	0.00	9.86	0
CO29934+	CO29933	9.70	1 1-	6ACWC	0	0	669	257	6	0	0	0.00	9.86	0
CO29929+	CO29849	9.41	1 1-	6ACWC	0	0	693	261	0	0	0	0.00	9.84	0
CO29930+	CO29929	9.50	1 1-	6ACWC	0	0	686	260	0	0	0	0.00	9.84	0
CO29866+	CO29849	9.55	111 1-	6ACWC	0	0	682	259	470	34	25	0.18	10.02	144
CO29983+	CO29866	9.55	90 1-	6ACWC	0	0	681	259	383	28	20	0.00	10.02	3
OC933+	CO29983	9.55	90 1-	50 H OCR	0	0	681	259	383	28	57	0.00	10.02	0
XFMR73	OC933	9.55	90 1-	333 KVA 1PH AUT	0	0	731	163	383	28	123	1.09	11.11	0
CO29984	XFMR73	9.67	90 1-	6ACWC	0	0	714	162	383	56	41	0.29	11.39	191
CO29938	CO29984	9.70	90 1-	6ACWC	0	0	708	161	382	56	41	0.08	11.48	57
CO29856	CO29938	9.82	89 1-	6ACWC	0	0	690	160	380	56	40	0.31	11.79	207
CO29859	CO29856	9.86	5 1-	6ACWC	0	0	684	160	16	2	2	0.00	11.80	0
CO29877	CO29859	9.93	1 1-	6ACWC	0	0	674	159	2	0	0	0.00	11.80	0
CO29939	CO29859	9.97	3 1-	6ACWC	0	0	668	159	14	2	2	0.01	11.81	0
CO29974	CO29939	10.02	1 1-	6ACWC	0	0	661	158	2	0	0	0.00	11.81	0
CO29975	CO29974	10.09	1 1-	6ACWC	0	0	652	158	2	0	0	0.00	11.81	0
CO29941	CO29939	10.03	0 1-	6ACWC	0	0	660	158	0	0	0	0.00	11.81	0
CO29896	CO29941	10.10	0 1-	2ACSR	0	0	651	158	0	0	0	0.00	11.81	0
CO29940	CO29939	10.01	2 1-	6ACWC	0	0	662	158	12	1	1	0.00	11.81	0
CO29857	CO29856	10.07	84 1-	6ACWC	0	0	654	158	362	54	39	0.60	12.39	379
CO29878	CO29857	10.10	1 1-	6ACWC	0	0	650	157	2	0	0	0.00	12.39	0
CO29858	CO29857	10.20	83 1-	6ACWC	0	0	636	156	359	53	38	0.31	12.70	195
CO29943	CO29858	10.24	2 1-	6ACWC	0	0	631	156	4	0	0	0.00	12.70	0
CO29944	CO29943	10.26	2 1-	6ACWC	0	0	629	156	4	0	0	0.00	12.70	0
CO29945	CO29944	10.31	2 1-	6ACWC	0	0	622	155	4	0	0	0.00	12.70	0
CO29946	CO29945	10.49	1 1-	6ACWC	0	0	600	154	4	0	0	0.01	12.71	0
CO29947	CO29946	10.61	1 1-	6ACWC	0	0	585	153	4	0	0	0.00	12.71	0
CO29956	CO29858	10.27	73 1-	6ACWC	0	0	628	156	326	48	35	0.14	12.84	83
CO29957	CO29956	10.39	72 1-	6ACWC	0	0	612	155	324	48	35	0.27	13.12	156
CO29958	CO29957	10.56	70 1-	6ACWC	0	0	591	153	315	47	34	0.36	13.47	199
CO29882	CO29958	10.62	0 1-	6ACWC	0	0	585	153	0	0	0	0.00	13.47	0
CO29881	CO29958	10.62	1 1-	6ACWC	0	0	584	153	4	0	0	0.00	13.48	0
CO29860	CO29958	10.62	69 1-	6ACWC	0	0	585	153	311	46	34	0.12	13.59	65
CO29883	CO29860	10.69	2 1-	6ACWC	0	0	576	152	8	1	1	0.00	13.59	0
CO29861	CO29860	10.68	66 1-	6ACWC	0	0	578	152	295	44	32	0.12	13.71	64
CO29889	CO29861	10.74	1 1-	4ACSR	0	0	571	152	8	1	1	0.00	13.72	0
CO29865	CO29861	10.79	65 1-	4ACSR	0	0	565	151	287	43	31	0.22	13.93	111
CO29862	CO29865	10.87	62 1-	6ACWC	0	0	557	151	271	41	29	0.14	14.07	70
CO29966	CO29862	10.96	1 1-	4ACSR	0	0	547	150	12	1	1	0.00	14.08	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29967	CO29966	10.97	0 1-	4ACSR	0	0	545	150	0	0	0	0.00	14.08	0
CO29968	CO29862	10.93	55 1-	6ACWC	0	0	550	150	241	36	26	0.11	14.18	47
CO29969	CO29968	10.96	54 1-	6ACWC	0	0	547	150	236	35	26	0.04	14.22	16
CO29970	CO29969	11.05	53 1-	6ACWC	0	0	538	149	233	35	25	0.15	14.37	62
CO29971	CO29970	11.14	53 1-	6ACWC	0	0	529	148	233	35	25	0.13	14.50	54
CO29863	CO29971	11.37	3 1-	6ACWC	0	0	507	146	15	2	2	0.02	14.53	0
CO29890	CO29863	11.42	1 1-	6ACWC	0	0	503	146	11	1	1	0.00	14.53	0
CO29948	CO29863	11.50	2 1-	4ACSR	0	0	496	145	3	0	0	0.00	14.53	0
CO29949	CO29948	11.51	1 1-	4ACSR	0	0	494	145	0	0	0	0.00	14.53	0
CO29950	CO29949	11.56	1 1-	4ACSR	0	0	490	145	0	0	0	0.00	14.53	0
CO29951	CO29971	11.21	48 1-	6ACWC	0	0	522	148	201	30	22	0.10	14.61	37
CO29972	CO29951	11.30	47 1-	6ACWC	0	0	514	147	197	30	22	0.11	14.72	39
CO29973	CO29972	11.37	46 1-	6ACWC	0	0	508	146	195	29	21	0.09	14.81	33
CO30485	CO29973	11.66	44 1-	6ACWC	0	0	482	144	194	29	21	0.39	15.20	136
CO30046	CO30485	11.90	43 1-	6ACWC	0	0	463	142	193	29	21	0.32	15.51	110
CO30009	CO30046	12.03	2 1-	6ACWC	0	0	453	141	7	1	1	0.00	15.52	0
CO30047	CO30046	11.99	41 1-	6ACWC	0	0	456	141	185	28	20	0.12	15.63	39
CO30048	CO30047	12.17	40 1-	6ACWC	0	0	443	140	183	28	20	0.23	15.86	77
CO30011	CO30048	12.25	2 1-	6ACWC	0	0	437	140	4	0	0	0.00	15.86	0
CO30016	CO30011	12.32	1 1-	4ACSR	0	0	432	139	1	0	0	0.00	15.86	0
CO29994	CO30048	12.32	38 1-	6ACWC	0	0	432	139	178	27	20	0.18	16.04	59
CO30010	CO29994	12.39	1 1-	6ACWC	0	0	428	139	7	1	1	0.00	16.04	0
CO29993	CO29994	12.40	36 1-	6ACWC	0	0	427	138	166	25	18	0.09	16.13	26
CO30049	CO29993	12.42	2 1-	6ACWC	0	0	426	138	0	0	0	0.00	16.13	0
CO30050	CO30049	12.49	1 1-	6ACWC	0	0	421	138	0	0	0	0.00	16.13	0
CO29992	CO29993	12.57	34 1-	6ACWC	0	0	416	137	166	25	18	0.20	16.33	59
CO30087	CO29992	12.57	20 1-	6ACWC	0	0	415	137	90	13	10	0.00	16.33	0
OC934	CO30087	12.57	20 1-	15 H OCR	0	0	415	137	90	13	93	0.00	16.33	0
CO30088	OC934	13.01	20 1-	6ACWC	0	0	389	134	90	13	10	0.27	16.60	44
CO29985	CO30088	13.29	15 1-	6ACWC	0	0	374	132	78	12	9	0.15	16.75	21
CO30064	CO29985	13.32	13 1-	6ACWC	0	0	373	132	75	11	8	0.02	16.76	2
CO30065	CO30064	13.38	12 1-	6ACWC	0	0	370	132	72	11	8	0.02	16.79	3
CO30066	CO30065	13.72	11 1-	6ACWC	0	0	353	129	64	9	7	0.14	16.93	15
CO30067	CO30066	13.82	9 1-	6ACWC	0	0	348	129	52	8	6	0.04	16.96	3
CO29998	CO30067	13.99	0 1-	6ACWC	0	0	341	128	0	0	0	0.00	16.96	0
CO30068	CO30067	13.90	9 1-	6ACWC	0	0	345	128	52	8	6	0.03	16.99	3
CO30069	CO30068	14.01	7 1-	6ACWC	0	0	340	128	51	7	6	0.04	17.03	4
CO30072	CO30069	14.05	6 1-	6ACWC	0	0	338	127	44	6	5	0.01	17.04	0
CO30073	CO30072	14.10	6 1-	6ACWC	0	0	336	127	44	6	5	0.02	17.06	0
CO30484	CO30073	14.31	4 1-	6ACWC	0	0	327	126	32	4	4	0.05	17.10	3
CO29897	CO30484	14.34	1 1-	2ACSR	0	0	326	126	12	1	1	0.00	17.11	0
CO29915	CO29897	14.56	1 1-	1/0PRIURD	0	0	321	209	12	1	1	0.00	17.11	0
CO29913	CO30484	14.41	3 1-	6ACWC	0	0	323	125	20	3	2	0.01	17.11	0
CO29914	CO29913	14.46	1 1-	6ACWC	0	0	321	125	1	0	0	0.00	17.11	0
CO30000	CO30073	14.14	1 1-	6ACWC	0	0	334	127	8	1	1	0.00	17.06	0
CO29999	CO30073	14.24	1 1-	6ACWC	0	0	330	126	5	0	1	0.00	17.06	0
CO30070	CO30069	14.07	1 1-	4ACSR	0	0	337	127	7	1	1	0.00	17.03	0
CO30071	CO30070	14.18	1 1-	4ACSR	0	0	332	126	7	1	1	0.00	17.03	0
CO29997	CO29985	13.36	1 1-	6ACWC	0	0	370	132	2	0	0	0.00	16.75	0
CO30058	CO30088	13.08	4 1-	6ACWC	0	0	386	134	9	1	1	0.00	16.60	0
CO30089	CO30058	13.32	3 1-	6ACWC	0	0	373	132	7	1	1	0.01	16.62	0
CO30059	CO30089	13.33	3 1-	6ACWC	0	0	372	132	7	1	1	0.00	16.62	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30060	CO30059	13.57	1 1-	6ACWC	0	0	360	130	7	1	1	0.01	16.63	0
CO30013	CO30060	13.67	0 1-	6ACWC	0	0	355	130	0	0	0	0.00	16.63	0
CO30061	CO30060	13.69	1 1-	6ACWC	0	0	354	130	7	1	1	0.01	16.63	0
CO30062	CO30061	13.72	1 1-	6ACWC	0	0	353	129	7	1	1	0.00	16.63	0
CO30063	CO30062	13.86	1 1-	6ACWC	0	0	347	129	7	1	1	0.00	16.64	0
CO29991	CO29992	12.80	14 1-	6ACWC	0	0	402	136	76	11	8	0.12	16.45	17
CO30012	CO29991	12.93	1 1-	6ACWC	0	0	394	135	2	0	0	0.00	16.45	0
CO29995	CO29991	13.01	12 1-	6ACWC	0	0	390	134	72	11	8	0.10	16.55	14
CO30090	CO29995	13.20	11 1-	6ACWC	0	0	379	133	62	9	7	0.08	16.63	8
CO30051	CO30090	13.27	10 1-	6ACWC	0	0	375	132	53	8	6	0.03	16.65	3
CO30056	CO30051	13.43	3 1-	6ACWC	0	0	367	131	4	0	0	0.00	16.66	0
CO30057	CO30056	13.59	2 1-	6ACWC	0	0	359	130	4	0	0	0.00	16.66	0
CO30052	CO30051	13.39	7 1-	6ACWC	0	0	369	132	49	7	5	0.04	16.69	3
CO29996	CO30052	13.46	1 1-	6ACWC	0	0	366	131	6	0	1	0.00	16.69	0
CO30053	CO30052	13.41	5 1-	6ACWC	0	0	368	131	33	5	4	0.00	16.69	0
CO30054	CO30053	13.47	4 1-	6ACWC	0	0	365	131	28	4	3	0.01	16.71	0
CO30018	CO30054	13.51	3 1-	2ACSR	0	0	363	131	20	3	2	0.00	16.71	0
CO758365666	CO30018	13.52	2 1-	2ACSR	0	0	363	131	14	2	1	0.00	16.71	0
CO1698527219	CO758365666	13.57	1 1-	2ACSR	0	0	361	131	6	0	1	0.00	16.71	0
CO30055	CO30054	13.51	1 1-	6ACWC	0	0	363	131	8	1	1	0.00	16.71	0
CO30014	CO29995	13.04	1 1-	6ACWC	0	0	387	134	10	1	1	0.00	16.55	0
CO29886	CO29973	11.42	1 1-	6ACWC	0	0	502	146	1	0	0	0.00	14.81	0
CO29959	CO29862	10.92	5 1-	6ACWC	0	0	551	150	13	1	1	0.00	14.08	0
CO29960	CO29959	10.95	4 1-	6ACWC	0	0	548	150	12	1	1	0.00	14.08	0
CO29961	CO29960	11.00	3 1-	6ACWC	0	0	543	149	12	1	1	0.00	14.08	0
CO29962	CO29961	11.19	2 1-	6ACWC	0	0	524	148	8	1	1	0.01	14.10	0
CO29963	CO29962	11.31	2 1-	6ACWC	0	0	512	147	8	1	1	0.00	14.10	0
CO29964	CO29963	11.50	1 1-	6ACWC	0	0	495	145	0	0	0	0.00	14.10	0
CO29965	CO29964	11.60	1 1-	6ACWC	0	0	487	145	0	0	0	0.00	14.10	0
CO29885	CO29865	10.94	1 1-	6ACWC	0	0	549	150	6	0	1	0.00	13.93	0
CO29884	CO29865	10.85	2 1-	6ACWC	0	0	559	151	9	1	1	0.00	13.93	0
CO29880	CO29858	10.30	3 1-	6ACWC	0	0	624	156	10	1	1	0.00	12.70	0
CO29879	CO29858	10.33	1 1-	6ACWC	0	0	619	155	1	0	0	0.00	12.70	0
CO29876	CO29938	9.76	1 1-	6ACWC	0	0	698	161	2	0	0	0.00	11.48	0
CO29952+	CO29866	9.63	21 1-	6ACWC	0	0	675	258	86	6	4	0.01	10.03	0
CO29891+	CO29952	9.68	1 1-	2ACSR	0	0	671	257	7	0	0	0.00	10.03	0
CO29953+	CO29952	9.70	20 1-	6ACWC	0	0	669	257	79	5	4	0.01	10.04	0
CO29855+	CO29953	9.85	20 1-	6ACWC	0	0	657	255	79	5	4	0.02	10.06	3
CO29854+	CO29855	10.07	17 1-	6ACWC	0	0	640	252	67	4	4	0.02	10.08	3
CO29981+	CO29854	10.16	14 1-	6ACWC	0	0	633	251	62	4	3	0.01	10.09	0
CO29982+	CO29981	10.33	14 1-	6ACWC	0	0	620	249	62	4	3	0.02	10.11	0
CO29853+	CO29982	10.43	7 1-	6ACWC	0	0	613	248	22	1	1	0.00	10.11	0
CO29852+	CO29853	10.56	5 1-	6ACWC	0	0	604	246	20	1	1	0.00	10.12	0
CO29976+	CO29852	10.67	4 1-	6ACWC	0	0	597	245	11	0	1	0.00	10.12	0
CO29977+	CO29976	10.74	2 1-	6ACWC	0	0	592	244	5	0	0	0.00	10.12	0
CO29892+	CO29977	10.79	1 1-	2ACSR	0	0	589	244	5	0	0	0.00	10.12	0
CO29874+	CO29852	10.64	0 1-	6ACWC	0	0	599	246	0	0	0	0.00	10.12	0
CO29875+	CO29853	10.47	2 1-	6ACWC	0	0	610	247	1	0	0	0.00	10.11	0
CO30513+	CO29982	10.70	7 1-	4ACSR	0	0	594	245	40	2	2	0.02	10.13	0
CO29714+	CO30513	10.91	6 1-	4ACSR	0	0	581	242	40	2	2	0.01	10.15	0
CO29715+	CO29714	10.97	4 1-	4ACSR	0	0	577	242	29	2	2	0.00	10.15	0
CO29594+	CO29715	11.12	1 1-	4ACSR	0	0	568	240	12	0	1	0.00	10.15	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29593+	CO29715	11.08	3 1-	4ACSR	0	0	570	240	18	1	1	0.00	10.15	0
CO29712+	CO30513	10.91	1 1-	4ACSR	0	0	581	242	0	0	0	0.00	10.13	0
CO29713+	CO29712	10.96	1 1-	4ACSR	0	0	578	242	0	0	0	0.00	10.13	0
CO29595+	CO29713	11.00	1 1-	4ACSR	0	0	575	241	0	0	0	0.00	10.13	0
CO29720+	CO29713	11.03	0 1-	4ACSR	0	0	573	241	0	0	0	0.00	10.13	0
SW930-B+	CO29720	11.03	0 1-	Open	0	0	573	241	0	0	0	0.00	10.13	0
CO29978+	CO29854	10.19	3 1-	6ACWC	0	0	631	251	5	0	0	0.00	10.08	0
CO29979+	CO29978	10.22	3 1-	6ACWC	0	0	629	251	5	0	0	0.00	10.08	0
CO29980+	CO29979	10.26	2 1-	6ACWC	0	0	626	250	5	0	0	0.00	10.08	0
CO29954+	CO29855	9.91	3 1-	6ACWC	0	0	652	254	11	0	1	0.00	10.06	0
CO29955+	CO29954	9.96	2 1-	6ACWC	0	0	648	254	9	0	0	0.00	10.06	0
CO29873+	CO29953	9.76	0 1-	6ACWC	0	0	664	256	0	0	0	0.00	10.04	0
CO29926+	CO29925	8.80	3 1-	6ACWC	0	0	752	269	2	0	0	0.00	9.34	0
CO29927+	CO29926	8.96	2 1-	6ACWC	0	0	736	267	2	0	0	0.00	9.34	0
CO29928+	CO29927	9.02	1 1-	6ACWC	0	0	730	266	2	0	0	0.00	9.34	0
CO29918+	CO29917	8.13	0 1-	6ACWC	0	0	827	279	0	0	0	0.00	8.67	0
CO29919+	CO29918	8.18	0 1-	6ACWC	0	0	820	278	0	0	0	0.00	8.67	0
CO29867+	CO30514	7.97	3 1-	6ACWC	0	0	846	281	10	0	0	0.00	8.54	0
CO29663+	CO29662	7.23	75 2-	2ACSR	0	1145	951	293	223	8	4	0.01	7.92	3
CO29665+	CO29663	7.27	75 2-	2ACSR	0	1140	947	292	223	8	4	0.00	7.92	0
CO29603+	CO29665	7.35	1 1-	6ACWC	0	0	935	291	3	0	0	0.00	7.92	0
CO29664+	CO29665	7.38	74 2-	2ACSR	0	1125	933	291	220	7	4	0.01	7.93	5
CO29666+	CO29664	7.43	72 2-	2ACSR	0	1118	927	291	212	7	4	0.01	7.94	0
CO29667+	CO29666	7.50	71 2-	2ACSR	0	1109	919	290	208	7	4	0.01	7.94	2
CO29547+	CO29667	7.59	27 1-	2ACSR	0	0	908	289	57	4	2	0.01	7.95	0
AU99	CO29547	7.59	26 1-	167 KVA 1PH AUT	0	0	601	165	55	3	34	0.22	8.17	0
CO29728	AU99	7.59	26 1-	6ACWC	0	0	601	165	55	7	6	0.00	8.17	0
OC924	CO29728	7.59	26 1-	70 L OCR	0	0	601	165	55	7	11	0.00	8.17	0
CO29602	OC924	7.63	1 1-	2ACSR	0	0	598	165	6	0	0	0.00	8.17	0
CO29729	OC924	7.62	25 1-	2ACSR	0	0	599	165	48	6	4	0.01	8.18	0
CO29678	CO29729	7.77	24 1-	2ACSR	0	0	587	164	46	6	4	0.03	8.21	2
CO29566	CO29678	7.79	0 1-	6ACWC	0	0	585	164	0	0	0	0.00	8.21	0
CO29544	CO29678	8.27	24 1-	2ACSR	0	0	548	160	46	6	4	0.11	8.31	8
CO29567	CO29544	8.30	0 1-	6ACWC	0	0	546	160	0	0	0	0.00	8.31	0
CO994931246	CO29567	8.33	0 1-	2ACSR	0	0	544	160	0	0	0	0.00	8.31	0
CO29545	CO29544	8.42	23 1-	2ACSR	0	0	538	159	46	6	4	0.03	8.34	0
CO29680	CO29545	8.50	20 1-	6ACWC	0	0	532	158	41	5	4	0.02	8.36	0
CO29681	CO29680	8.56	20 1-	6ACWC	0	0	527	158	41	5	4	0.02	8.38	0
CO29573	CO29681	8.61	19 1-	4ACSR	0	0	523	157	39	5	4	0.01	8.39	0
CO29600	CO29573	8.62	18 1-	2ACSR	0	0	522	157	34	4	3	0.00	8.39	0
CO29572	CO29600	8.65	17 1-	4ACSR	0	0	520	157	34	4	3	0.01	8.40	0
CO29682	CO29572	8.71	17 1-	6ACWC	0	0	515	156	34	4	3	0.01	8.41	0
CO29684	CO29682	8.82	15 1-	2ACSR	0	0	508	156	30	4	2	0.02	8.43	0
CO29601	CO29684	8.90	2 1-	2ACSR	0	0	503	155	2	0	0	0.00	8.43	0
CO29686	CO29601	9.14	1 1-	6ACWC	0	0	485	153	1	0	0	0.00	8.43	0
CO29687	CO29686	9.23	1 1-	6ACWC	0	0	479	152	1	0	0	0.00	8.43	0
CO29685	CO29684	8.90	13 1-	6ACWC	0	0	502	155	29	4	3	0.01	8.44	0
CO29688	CO29685	9.12	12 1-	6ACWC	0	0	486	153	25	3	3	0.04	8.48	0
CO29689	CO29688	9.27	12 1-	6ACWC	0	0	475	152	25	3	3	0.02	8.50	0
CO29366	CO29689	9.37	1 1-	6ACWC	0	0	469	151	0	0	0	0.00	8.50	0
CO30508	CO29689	9.53	10 1-	6ACWC	0	0	458	149	24	3	2	0.04	8.54	0
CO29367	CO30508	9.68	8 1-	6ACWC	0	0	448	148	21	3	2	0.02	8.56	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29313	CO29367	9.76	8 1-	6ACWC	0	0	443	147	21	3	2	0.01	8.57	0
CO29387	CO29313	9.83	8 1-	6ACWC	0	0	439	147	21	3	2	0.01	8.58	0
CO29388	CO29387	9.92	8 1-	6ACWC	0	0	433	146	21	3	2	0.01	8.59	0
CO29390	CO29388	9.98	8 1-	6ACWC	0	0	429	146	21	3	2	0.01	8.60	0
CO29389	CO29390	10.11	7 1-	6ACWC	0	0	422	144	19	2	2	0.02	8.62	0
CO29391	CO29389	10.18	7 1-	6ACWC	0	0	418	144	19	2	2	0.01	8.62	0
CO29392	CO29391	10.23	7 1-	6ACWC	0	0	415	143	19	2	2	0.01	8.63	0
CO29327	CO29392	10.33	2 1-	6ACWC	0	0	409	143	2	0	0	0.00	8.63	0
CO29393	CO29392	10.29	5 1-	6ACWC	0	0	412	143	17	2	2	0.01	8.64	0
CO29394	CO29393	10.50	4 1-	6ACWC	0	0	400	141	14	2	1	0.02	8.66	0
CO29312	CO29394	10.62	4 1-	6ACWC	0	0	393	140	14	2	1	0.01	8.67	0
CO29314	CO29312	10.66	3 1-	6ACWC	0	0	391	140	11	1	1	0.00	8.67	0
CO29326	CO29314	10.80	2 1-	6ACWC	0	0	384	139	0	0	0	0.00	8.67	0
CO360074577	CO29326	10.86	1 1-	2ACSR	0	0	382	139	0	0	0	0.00	8.67	0
CO162481232	CO360074577	10.93	1 1-	2ACSR	0	0	379	138	0	0	0	0.00	8.67	0
CO29404	CO29314	10.76	1 1-	6ACWC	0	0	387	139	11	1	1	0.01	8.68	0
CO29405	CO29404	10.80	1 1-	6ACWC	0	0	385	139	11	1	1	0.00	8.68	0
CO29330	CO29312	10.70	1 1-	6ACWC	0	0	389	140	3	0	0	0.00	8.67	0
CO29325	CO29394	10.56	0 1-	6ACWC	0	0	397	141	0	0	0	0.00	8.66	0
CO29328	CO29393	10.34	1 1-	6ACWC	0	0	409	143	3	0	0	0.00	8.64	0
CO29683	CO29682	8.75	2 1-	6ACWC	0	0	512	156	4	0	0	0.00	8.41	0
CO29679	CO29545	8.49	1 1-	6ACWC	0	0	532	158	0	0	0	0.00	8.34	0
CO29574	CO29679	8.62	1 1-	4ACSR	0	0	522	157	0	0	0	0.00	8.34	0
CO29724	CO29544	8.33	1 1-	6ACWC	0	0	544	160	1	0	0	0.00	8.31	0
OC922	CO29724	8.33	1 1-	35 H OCR	0	0	544	160	1	0	0	0.00	8.31	0
CO29725	OC922	8.49	1 1-	6ACWC	0	0	531	158	1	0	0	0.00	8.31	0
CO29690	CO29725	8.58	1 1-	6ACWC	0	0	524	157	1	0	0	0.00	8.32	0
CO29668+	CO29667	7.63	44 1-	2ACSR	0	0	903	288	151	10	6	0.02	7.97	6
OC42462805+	CO29668	7.63	42 1-	70 E OCR	0	0	903	288	146	10	15	0.00	7.97	0
CO29669+	OC42462805	7.77	42 1-	2ACSR	0	0	887	287	146	10	6	0.02	7.99	5
CO29670+	CO29669	8.06	41 1-	2ACSR	0	0	857	283	141	10	6	0.05	8.04	10
CO29671+	CO29670	8.10	40 1-	2ACSR	0	0	853	283	138	9	6	0.01	8.04	0
CO29672+	CO29671	8.18	40 1-	2ACSR	0	0	844	282	138	9	6	0.01	8.05	3
CO29673+	CO29672	8.29	40 1-	2ACSR	0	0	834	281	138	9	6	0.02	8.07	4
CO29675+	CO29673	8.34	39 1-	2ACSR	0	0	829	280	130	9	5	0.01	8.08	0
CO29676+	CO29675	8.40	39 1-	2ACSR	0	0	823	280	130	9	5	0.01	8.09	0
CO-1146776569+	CO29676	8.58	38 1-	2ACSR	0	0	806	278	130	9	5	0.03	8.11	6
CO-78541774+	CO-1146776569	8.65	38 1-	2ACSR	0	0	799	277	130	9	5	0.01	8.12	0
CO-1730000087+	CO-78541774	8.77	38 1-	2ACSR	0	0	789	276	130	9	5	0.02	8.14	4
CO1098915347+	CO-1730000087	8.87	38 1-	2ACSR	0	0	780	275	130	9	5	0.01	8.16	3
CO1208611609+	CO1098915347	8.95	38 1-	2ACSR	0	0	773	274	130	9	5	0.01	8.17	2
CO29698+	CO1208611609	9.15	1 1-	2ACSR	0	0	756	272	2	0	0	0.00	8.17	0
CO29697+	CO1208611609	9.01	37 1-	2ACSR	0	0	768	273	128	9	5	0.01	8.18	0
CO29696+	CO29697	9.08	37 1-	2ACSR	0	0	762	273	128	9	5	0.01	8.19	0
CO29695+	CO29696	9.15	37 1-	2ACSR	0	0	757	272	128	9	5	0.01	8.20	0
CO29694+	CO29695	9.23	37 1-	2ACSR	0	0	750	271	128	9	5	0.01	8.21	2
CO29549+	CO29694	9.34	3 1-	6ACWC	0	0	739	270	5	0	0	0.00	8.21	0
CO30507+	CO29549	9.52	2 1-	6ACWC	0	0	722	267	5	0	0	0.00	8.21	0
CO29385+	CO30507	9.60	1 1-	6ACWC	0	0	715	266	4	0	0	0.00	8.21	0
CO29386+	CO29385	9.69	1 1-	6ACWC	0	0	706	265	4	0	0	0.00	8.21	0
CO29548+	CO29549	9.59	1 1-	6ACWC	0	0	716	266	0	0	0	0.00	8.21	0
CO29569+	CO29548	9.84	1 1-	6ACWC	0	0	693	263	0	0	0	0.00	8.21	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29692+	CO29694	9.27	0 1-	6ACWC	0	0	746	271	0	0	0	0.00	8.21	0
CO30398+	CO29694	9.37	34 1-	6ACWC	0	0	736	269	123	8	6	0.03	8.24	6
CO-1031816591+	CO30398	9.61	34 1-	2ACSR	0	0	718	267	123	8	5	0.03	8.27	7
CO-100720700+	CO-1031816591	9.94	34 1-	2ACSR	0	0	694	264	123	8	5	0.05	8.32	9
CO-449593381+	CO-100720700	10.08	34 1-	2ACSR	0	0	685	262	123	8	5	0.02	8.33	4
CO-1302566506+	CO-449593381	10.19	34 1-	2ACSR	0	0	677	261	123	8	5	0.02	8.35	3
CO1699863868+	CO-1302566506	10.20	0 1-	2ACSR	0	0	677	261	0	0	0	0.00	8.35	0
CO30386+	CO-1302566506	10.24	1 1-	4ACSR	0	0	673	261	1	0	0	0.00	8.35	0
CO526154038+	CO-1302566506	10.35	32 1-	2ACSR	0	0	667	260	120	8	5	0.02	8.37	4
CO795186445+	CO526154038	10.39	4 1-	2ACSR	0	0	665	259	9	0	0	0.00	8.37	0
CO27224+	CO795186445	10.49	3 1-	4ACSR	0	0	656	258	7	0	0	0.00	8.37	0
CO-1535687699+	CO27224	10.59	0 1-	2ACSR	0	0	650	257	0	0	0	0.00	8.37	0
CO27225+	CO27224	10.60	2 1-	4ACSR	0	0	648	257	7	0	0	0.00	8.37	0
CO-380776237+	CO526154038	10.40	27 1-	2ACSR	0	0	664	259	108	7	4	0.01	8.38	0
CO27227+	CO-380776237	10.56	27 1-	6ACWC	0	0	652	257	108	7	6	0.03	8.40	5
CO27191+	CO27227	10.62	24 1-	6ACWC	0	0	647	256	99	7	5	0.01	8.42	0
CO30445+	CO27191	10.67	23 1-	2ACSR	0	0	644	256	99	7	4	0.00	8.42	0
CO1349561631+	CO30445	10.76	21 1-	2ACSR	0	0	638	255	92	6	4	0.01	8.43	0
CO27003+	CO1349561631	10.88	20 1-	6ACWC	0	0	630	254	85	6	4	0.02	8.45	2
CO-1455289611+	CO27003	10.91	19 1-	2ACSR	0	0	628	253	84	6	3	0.00	8.45	0
CO27008+	CO-1455289611	11.00	19 1-	6ACWC	0	0	621	252	84	6	4	0.01	8.46	0
CO27007+	CO27008	11.15	19 1-	6ACWC	0	0	611	250	84	6	4	0.02	8.48	3
CO27009+	CO27007	11.23	19 1-	6ACWC	0	0	606	250	84	6	4	0.01	8.49	0
CO331560450+	CO27009	11.32	15 1-	2ACSR	0	0	601	249	69	4	3	0.01	8.50	0
CO1017776419+	CO331560450	11.38	14 1-	2ACSR	0	0	598	248	66	4	3	0.00	8.50	0
CO27130+	CO1017776419	11.44	14 1-	6ACWC	0	0	594	248	66	4	3	0.01	8.51	0
CO97364582+	CO27130	11.47	0 1-	2ACSR	0	0	593	247	0	0	0	0.00	8.51	0
CO540781478+	CO27130	11.52	14 1-	2ACSR	0	0	590	247	66	4	3	0.01	8.52	0
CO-244926303+	CO540781478	11.62	14 1-	6ACWC	0	0	583	246	66	4	3	0.01	8.53	0
CO27126+	CO-244926303	11.67	13 1-	6ACWC	0	0	580	245	43	3	2	0.00	8.53	0
CO27127+	CO27126	11.77	12 1-	6ACWC	0	0	574	244	34	2	2	0.01	8.54	0
CO27053+	CO27127	11.83	12 1-	4ACSR	0	0	570	243	34	2	2	0.00	8.54	0
CO27055+	CO27053	11.98	1 1-	4ACSR	0	0	561	241	7	0	0	0.00	8.54	0
CO27006+	CO27053	11.88	9 1-	6ACWC	0	0	567	243	19	1	1	0.00	8.54	0
CO27032+	CO27006	11.95	7 1-	4ACSR	0	0	563	242	11	0	1	0.00	8.54	0
CO27005+	CO27032	12.06	6 1-	6ACWC	0	0	557	241	7	0	0	0.00	8.54	0
CO27052+	CO27005	12.10	1 1-	4ACSR	0	0	555	240	1	0	0	0.00	8.54	0
CO27051+	CO27005	12.16	4 1-	4ACSR	0	0	551	240	5	0	0	0.00	8.54	0
CO27027+	CO27051	12.23	1 1-	4ACSR	0	0	547	239	5	0	0	0.00	8.54	0
CO27049+	CO27051	12.52	2 1-	4ACSR	0	0	532	236	0	0	0	0.00	8.54	0
OC518072392+	CO27049	12.52	1 1-	20 N FUSE	0	0	532	236	0	0	0	0.00	8.54	0
CO27050+	OC518072392	12.63	1 1-	4ACSR	0	0	525	234	0	0	0	0.00	8.54	0
CO27054+	CO27006	11.91	2 1-	4ACSR	0	0	566	242	8	0	0	0.00	8.54	0
CO27033+	CO-244926303	11.68	1 1-	4ACSR	0	0	580	245	22	1	1	0.00	8.53	0
CO-1834350890+	CO1017776419	11.42	0 1-	2ACSR	0	0	596	248	0	0	0	0.00	8.50	0
CO27028+	CO331560450	11.40	1 1-	4ACSR	0	0	595	248	4	0	0	0.00	8.50	0
CO-1277141141+	CO27028	11.45	1 1-	2ACSR	0	0	593	247	4	0	0	0.00	8.50	0
CO27057+	CO27009	11.47	2 1-	6ACWC	0	0	590	247	12	0	1	0.00	8.50	0
OC1449587904+	CO27057	11.47	1 1-	20 N FUSE	0	0	590	247	4	0	1	0.00	8.50	0
CO27058+	OC1449587904	11.61	1 1-	6ACWC	0	0	581	245	4	0	0	0.00	8.50	0
CO27056+	CO27058	11.74	1 1-	6ACWC	0	0	573	243	4	0	0	0.00	8.50	0
CO27026+	CO27056	11.79	1 1-	4ACSR	0	0	570	243	4	0	0	0.00	8.50	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27025+	CO27056	11.86	0 1-	4ACSR	0	0	566	242	0	0	0	0.00	8.50	0
CO27040+	CO27009	11.26	2 1-	6ACWC	0	0	604	249	3	0	0	0.00	8.49	0
OC-2146363003+	CO27040	11.26	1 1-	20 N FUSE	0	0	604	249	3	0	1	0.00	8.49	0
CO27041+	OC-2146363003	11.31	1 1-	6ACWC	0	0	600	249	3	0	0	0.00	8.49	0
CO27042+	CO27041	11.43	1 1-	6ACWC	0	0	592	247	3	0	0	0.00	8.49	0
CO27043+	CO27042	11.52	1 1-	6ACWC	0	0	587	246	3	0	0	0.00	8.49	0
CO27044+	CO27043	11.66	1 1-	6ACWC	0	0	578	244	3	0	0	0.00	8.49	0
CO27047+	CO27044	11.88	1 1-	6ACWC	0	0	564	242	3	0	0	0.00	8.50	0
CO27048+	CO27047	11.93	1 1-	6ACWC	0	0	562	241	3	0	0	0.00	8.50	0
CO27046+	CO27048	11.99	1 1-	6ACWC	0	0	558	241	3	0	0	0.00	8.50	0
CO27045+	CO27046	12.18	1 1-	6ACWC	0	0	547	239	3	0	0	0.00	8.50	0
CO937589493+	CO-1455289611	10.95	0 1-	2ACSR	0	0	625	253	0	0	0	0.00	8.45	0
CO27031+	CO1349561631	10.80	1 1-	4ACSR	0	0	635	255	7	0	0	0.00	8.43	0
CO918553331+	CO30445	10.71	1 1-	2ACSR	0	0	641	256	0	0	0	0.00	8.42	0
CO27206+	CO27191	10.67	1 1-	4ACSR	0	0	643	256	0	0	0	0.00	8.42	0
CO27228+	CO27227	10.67	2 1-	4ACSR	0	0	643	256	7	0	0	0.00	8.41	0
CO27229+	CO27228	10.75	2 1-	4ACSR	0	0	637	255	7	0	0	0.00	8.41	0
CO29677+	CO29676	8.47	1 1-	2ACSR	0	0	816	279	0	0	0	0.00	8.09	0
CO29674+	CO29673	8.38	1 1-	6ACWC	0	0	823	280	8	0	0	0.00	8.07	0
CO781000358+	CO29674	8.42	0 1-	2ACSR	0	0	819	279	0	0	0	0.00	8.07	0
CO29565+	CO29664	7.42	1 1-	6ACWC	0	0	928	291	5	0	0	0.00	7.93	0
CO29716+	CO29654	5.91	2 1-	4ACSR	0	0	1106	304	0	0	0	0.00	6.53	0
OC919+	CO29716	5.91	2 1-	10 N FUSE	0	0	1106	304	0	0	0	0.00	6.53	0
CO29717+	OC919	5.99	2 1-	4ACSR	0	0	1090	303	0	0	0	0.00	6.53	0
CO29655+	CO29717	6.07	2 1-	4ACSR	0	0	1073	301	0	0	0	0.00	6.53	0
CO29563+	CO29655	6.17	0 1-	4ACSR	0	0	1055	300	0	0	0	0.00	6.53	0
CO29656+	CO29655	6.36	2 1-	4ACSR	0	0	1020	296	0	0	0	0.00	6.53	0
CO29657+	CO29656	6.43	1 1-	4ACSR	0	0	1006	295	0	0	0	0.00	6.53	0
CO29658+	CO29657	6.57	1 1-	4ACSR	0	0	983	293	0	0	0	0.00	6.53	0
CO29659+	CO29658	6.69	1 1-	4ACSR	0	0	963	291	0	0	0	0.00	6.53	0
CO29590+	CO29651	5.31	1 1-	4ACSR	0	0	1185	309	10	0	1	0.00	5.78	0
CO29591+	CO29560	4.95	2 1-	4ACSR	0	0	1246	312	3	0	0	0.00	5.36	0
CO29589+	CO29560	5.01	3 1-	4ACSR	0	0	1232	311	24	1	1	0.00	5.37	0
CO29587+	CO30577	4.50	1 1-	4ACSR	0	0	1337	316	8	0	0	0.00	4.90	0
CO29584+	CO29636	4.10	1 1-	4ACSR	0	0	1415	319	11	0	1	0.00	4.36	0
CO29630+	CO29556	3.63	3 1-	4ACSR	0	0	1539	325	12	0	1	0.00	3.88	0
CO29631+	CO29630	3.68	2 1-	4ACSR	0	0	1519	324	9	0	0	0.00	3.88	0
CO29632+	CO29631	3.74	2 1-	4ACSR	0	0	1498	322	9	0	0	0.00	3.88	0
CO29633+	CO29632	3.77	1 1-	4ACSR	0	0	1488	322	0	0	0	0.00	3.88	0
CO29634+	CO29633	3.83	1 1-	4ACSR	0	0	1468	321	0	0	0	0.00	3.88	0
CO29583+	CO29554	3.44	2 1-	4ACSR	0	0	1584	326	8	0	0	0.00	3.59	0
CO29582+	CO29554	3.44	2 1-	4ACSR	0	0	1584	326	13	0	1	0.00	3.59	0
XFMR74	CO29551	3.15	87 3-	333 KVA 1PH AUT	1048	1037	1002	174	368	8	37	0.29	3.66	0
CO29609	XFMR74	3.28	87 3-	1/0ACSR	1030	1016	977	173	368	17	7	0.04	3.70	21
CO29610	CO29609	3.45	86 3-	1/0ACSR	1006	990	945	172	363	16	7	0.05	3.75	27
CO29730	CO29610	3.46	84 3-	1/0ACSR	1005	989	944	172	351	16	7	0.00	3.75	0
OC927	CO29730	3.46	84 3-	70 L OCR	1005	989	944	172	351	16	23	0.00	3.75	0
CO29731	OC927	3.58	84 3-	1/0ACSR	990	971	923	172	351	16	7	0.03	3.78	18
CO30510	CO29731	3.71	1 1-	4ACSR	0	0	895	170	9	1	1	0.00	3.79	0
CO29526	CO30510	3.79	0 1-	4ACSR	0	0	877	169	0	0	0	0.00	3.79	0
CO29550	CO29731	3.71	83 3-	1/0ACSR	972	952	900	171	341	15	7	0.04	3.82	19
CO29611	CO29550	3.77	82 3-	1/0ACSR	964	943	890	171	332	15	7	0.02	3.83	9

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29612	CO29611	3.93	81 3-	1/0ACSR	945	921	865	170	325	15	7	0.04	3.88	21
CO29726	CO29612	3.94	50 1-	4ACSR	0	0	863	170	190	26	19	0.01	3.88	2
OC923	CO29726	3.94	50 1-	25 L OCSR	0	0	863	170	190	26	106	0.00	3.88	0
CO29727	OC923	3.98	50 1-	4ACSR	0	0	856	169	190	26	19	0.05	3.93	14
CO30509	CO29727	4.21	49 1-	4ACSR	0	0	812	167	182	25	18	0.26	4.19	78
CO30505	CO30509	4.25	36 1-	4ACSR	0	0	805	167	154	21	15	0.04	4.23	9
CO29281	CO30505	4.29	35 1-	4ACSR	0	0	797	166	151	21	15	0.04	4.27	10
CO29183	CO29281	4.38	29 1-	4ACSR	0	0	780	165	114	15	11	0.07	4.34	13
CO29193	CO29183	4.46	2 1-	4ACSR	0	0	766	164	10	1	1	0.00	4.34	0
CO29282	CO29183	4.46	27 1-	4ACSR	0	0	766	164	104	14	10	0.05	4.39	9
CO29283	CO29282	4.48	26 1-	4ACSR	0	0	763	164	104	14	10	0.01	4.40	0
CO-1053118421	CO29283	4.54	21 1-	2ACSR	0	0	754	164	78	10	6	0.02	4.42	3
CO213566565	CO-1053118421	4.59	1 1-	2ACSR	0	0	747	163	0	0	0	0.00	4.42	0
CO-818858754	CO-1053118421	4.61	20 1-	2ACSR	0	0	744	163	77	10	6	0.02	4.44	3
CO29285	CO-818858754	4.76	20 1-	4ACSR	0	0	719	162	77	10	8	0.07	4.52	9
CO29289	CO29285	4.84	18 1-	4ACSR	0	0	707	161	65	9	7	0.03	4.55	3
CO29290	CO29289	4.89	17 1-	4ACSR	0	0	699	160	55	7	6	0.02	4.57	0
CO29291	CO29290	5.59	16 1-	4ACSR	0	0	602	154	55	7	5	0.23	4.79	20
CO30473	CO29291	5.85	15 1-	4ACSR	0	0	571	152	48	6	5	0.08	4.87	6
CO29525	CO30473	5.98	15 1-	4ACSR	0	0	557	150	47	6	5	0.04	4.91	3
CO29430	CO29525	6.06	1 1-	4ACSR	0	0	549	150	5	0	1	0.00	4.91	0
CO29523	CO29430	6.17	0 1-	4ACSR	0	0	538	149	0	0	0	0.00	4.91	0
CO29524	CO29523	6.56	0 1-	4ACSR	0	0	500	146	0	0	0	0.00	4.91	0
CO29447	CO29430	6.10	1 1-	4ACSR	0	0	545	149	5	0	1	0.00	4.91	0
CO29441	CO29525	6.11	1 1-	4ACSR	0	0	543	149	5	0	1	0.00	4.91	0
CO29521	CO29525	6.09	12 1-	4ACSR	0	0	545	149	34	4	3	0.02	4.93	0
CO29522	CO29521	6.21	11 1-	4ACSR	0	0	533	148	34	4	3	0.02	4.96	0
CO29520	CO29522	6.34	11 1-	4ACSR	0	0	520	147	33	4	3	0.03	4.99	0
CO29516	CO29520	6.38	8 1-	4ACSR	0	0	517	147	26	3	3	0.01	4.99	0
CO29517	CO29516	6.66	7 1-	4ACSR	0	0	491	145	26	3	3	0.05	5.04	0
CO29429	CO29517	6.93	4 1-	4ACSR	0	0	469	143	15	2	2	0.03	5.06	0
CO29428	CO29429	7.00	1 1-	4ACSR	0	0	463	142	3	0	0	0.00	5.07	0
CO29540	CO29428	7.18	0 1-	4ACSR	0	0	449	141	0	0	0	0.00	5.07	0
SW918-B	CO29540	7.18	0 1-	Open	0	0	449	141	0	0	0	0.00	5.07	0
CO29443	CO29428	7.06	1 1-	4ACSR	0	0	458	142	3	0	0	0.00	5.07	0
CO29512	CO29429	6.99	3 1-	4ACSR	0	0	464	142	12	1	1	0.00	5.07	0
CO29513	CO29512	7.10	2 1-	4ACSR	0	0	456	141	7	0	1	0.00	5.07	0
CO29514	CO29513	7.17	2 1-	4ACSR	0	0	450	141	7	0	1	0.00	5.08	0
CO29444	CO29514	7.20	1 1-	4ACSR	0	0	448	141	4	0	0	0.00	5.08	0
CO29515	CO29514	7.21	1 1-	4ACSR	0	0	447	140	3	0	0	0.00	5.08	0
CO29446	CO29517	6.83	2 1-	4ACSR	0	0	477	143	6	0	1	0.00	5.04	0
CO29445	CO29517	6.77	1 1-	4ACSR	0	0	482	144	4	0	0	0.00	5.04	0
CO29459	CO29520	6.40	2 1-	2ACSR	0	0	516	147	6	0	0	0.00	4.99	0
CO29518	CO29520	6.61	1 1-	4ACSR	0	0	496	145	2	0	0	0.00	4.99	0
CO29519	CO29518	6.76	0 1-	4ACSR	0	0	483	144	0	0	0	0.00	4.99	0
CO29292	CO29291	5.66	0 1-	4ACSR	0	0	593	153	0	0	0	0.00	4.79	0
CO29293	CO29292	5.73	0 1-	4ACSR	0	0	585	153	0	0	0	0.00	4.79	0
CO29287	CO29285	4.82	2 1-	4ACSR	0	0	710	161	12	1	1	0.00	4.52	0
CO29288	CO29287	4.87	1 1-	4ACSR	0	0	702	161	2	0	0	0.00	4.52	0
CO29286	CO29288	5.01	1 1-	4ACSR	0	0	680	159	2	0	0	0.00	4.52	0
CO30481	CO29283	4.67	3 1-	4ACSR	0	0	731	162	3	0	0	0.00	4.40	0
CO29527	CO30481	4.70	1 1-	4ACSR	0	0	725	162	0	0	0	0.00	4.40	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29528	CO29527	4.78	1 1-	4ACSR	0	0	713	161	0	0	0	0.00	4.40	0
CO29192	CO29283	4.58	1 1-	4ACSR	0	0	745	163	9	1	1	0.00	4.40	0
CO29202	CO29281	4.32	2 1-	2ACSR	0	0	792	166	10	1	1	0.00	4.27	0
CO29277	CO29281	4.37	4 1-	4ACSR	0	0	782	165	27	3	3	0.01	4.28	0
CO29278	CO29277	4.46	3 1-	4ACSR	0	0	766	164	22	3	2	0.01	4.29	0
CO29279	CO29278	4.49	2 1-	4ACSR	0	0	762	164	19	2	2	0.00	4.30	0
CO29280	CO29279	4.54	1 1-	4ACSR	0	0	752	164	14	1	1	0.00	4.30	0
CO30474	CO30509	4.30	13 1-	4ACSR	0	0	794	166	28	3	3	0.01	4.21	0
CO29345	CO30474	4.32	12 1-	4ACSR	0	0	792	166	20	2	2	0.00	4.21	0
CO30483	CO29345	4.46	11 1-	4ACSR	0	0	766	164	18	2	2	0.02	4.22	0
CO30482	CO30483	4.80	9 1-	4ACSR	0	0	709	161	13	1	1	0.03	4.25	0
CO29395	CO30482	5.07	9 1-	4ACSR	0	0	669	158	13	1	1	0.02	4.28	0
CO29421	CO29395	5.07	8 1-	4ACSR	0	0	668	158	13	1	1	0.00	4.28	0
OC912	CO29421	5.07	8 1-	10 H OCR	0	0	668	158	13	1	18	0.00	4.28	0
CO29422	OC912	5.14	8 1-	4ACSR	0	0	658	158	13	1	1	0.01	4.28	0
CO29396	CO29422	5.39	8 1-	4ACSR	0	0	625	155	13	1	1	0.02	4.30	0
CO29346	CO29396	5.43	8 1-	4ACSR	0	0	619	155	13	1	1	0.00	4.31	0
CO29320	CO29346	5.81	5 1-	4ACSR	0	0	573	152	12	1	1	0.03	4.33	0
CO29321	CO29320	6.17	3 1-	4ACSR	0	0	535	148	8	1	1	0.02	4.35	0
CO29347	CO29321	6.25	3 1-	4ACSR	0	0	527	148	8	1	1	0.00	4.36	0
CO29400	CO29347	6.57	2 1-	4ACSR	0	0	497	145	8	1	1	0.02	4.38	0
CO29401	CO29400	6.87	2 1-	4ACSR	0	0	471	143	8	1	1	0.02	4.39	0
CO29204	CO29401	6.89	2 1-	6ACWC	0	0	469	143	8	1	1	0.00	4.39	0
CO1671832764	CO29204	6.92	1 1-	2ACSR	0	0	468	142	7	1	1	0.00	4.39	0
CO29322	CO29321	6.55	0 1-	4ACSR	0	0	499	145	0	0	0	0.00	4.35	0
CO29368	CO29320	6.00	2 1-	4ACSR	0	0	552	150	4	0	0	0.00	4.34	0
CO29402	CO29368	6.15	2 1-	4ACSR	0	0	537	149	4	0	0	0.00	4.34	0
CO29403	CO29402	6.42	2 1-	4ACSR	0	0	511	146	4	0	0	0.00	4.35	0
CO29318	CO29346	5.63	3 1-	4ACSR	0	0	594	153	1	0	0	0.00	4.31	0
CO29319	CO29318	5.82	2 1-	4ACSR	0	0	572	151	1	0	0	0.00	4.31	0
CO29398	CO29319	5.93	1 1-	4ACSR	0	0	560	151	0	0	0	0.00	4.31	0
CO29399	CO29398	6.02	0 1-	4ACSR	0	0	550	150	0	0	0	0.00	4.31	0
CO29397	CO29399	6.15	0 1-	4ACSR	0	0	537	149	0	0	0	0.00	4.31	0
CO29337	CO29319	5.87	1 1-	4ACSR	0	0	566	151	1	0	0	0.00	4.31	0
CO29338	CO29318	5.72	1 1-	4ACSR	0	0	583	152	0	0	0	0.00	4.31	0
CO29336	CO29395	5.16	1 1-	4ACSR	0	0	656	157	1	0	0	0.00	4.28	0
CO29581	CO30483	4.50	2 1-	4ACSR	0	0	759	164	5	0	0	0.00	4.23	0
CO29553	CO29612	4.14	31 3-	1/0ACSR	919	894	833	169	135	6	3	0.02	3.90	5
CO-1020755182	CO29553	4.22	30 3-	2ACSR	910	883	821	168	127	5	3	0.01	3.91	2
CO1321790565	CO-1020755182	4.29	28 3-	2ACSR	900	871	809	168	109	5	3	0.01	3.92	0
CO29614	CO1321790565	4.37	28 3-	1/0ACSR	891	862	798	167	109	5	2	0.01	3.93	0
CO29615	CO29614	4.45	28 3-	1/0ACSR	882	852	787	167	109	5	2	0.01	3.93	0
CO29620	CO29615	4.54	24 3-	1/0ACSR	872	841	776	166	94	4	2	0.01	3.94	0
CO595093027	CO29620	4.69	0 1-	2ACSR	0	0	755	165	0	0	0	0.00	3.94	0
CO29621	CO29620	4.58	24 3-	1/0ACSR	867	836	770	166	94	4	2	0.00	3.94	0
CO1372321984	CO29621	4.61	22 3-	2ACSR	864	832	766	166	89	4	2	0.00	3.95	0
CO-2133377024	CO1372321984	4.65	22 3-	2ACSR	860	828	761	166	89	4	2	0.00	3.95	0
CO29623	CO-2133377024	4.67	21 3-	1/0ACSR	857	825	758	166	84	3	2	0.00	3.95	0
CO29562	CO29623	4.86	20 3-	1/0ACSR	838	803	735	165	83	3	2	0.01	3.96	0
CO29597	CO29562	4.91	0 1-	4ACSR	0	0	727	164	0	0	0	0.00	3.96	0
CO29624	CO29562	5.03	20 3-	1/0ACSR	820	785	716	164	83	3	2	0.01	3.98	0
CO29625	CO29624	5.46	20 3-	1/0ACSR	779	741	671	162	83	3	2	0.03	4.00	4

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30506	CO29625	5.59	19 3-	1/0ACSR	768	729	658	161	80	3	2	0.01	4.01	0
CO29333	CO30506	5.65	1 1-	4ACSR	0	0	650	160	1	0	0	0.00	4.01	0
CO29339	CO30506	5.63	0 1-	4ACSR	0	0	653	161	0	0	0	0.00	4.01	0
CO29348	CO30506	5.69	18 3-	1/0ACSR	759	719	648	161	80	3	2	0.01	4.02	0
CO29349	CO29348	5.74	18 3-	1/0ACSR	754	715	644	160	80	3	2	0.00	4.02	0
CO29415	CO29349	5.93	17 3-	1/0ACSR	738	698	627	159	73	3	1	0.01	4.03	0
CO29416	CO29415	6.08	17 3-	1/0ACSR	726	686	614	159	73	3	1	0.01	4.04	0
CO29417	CO29416	6.24	17 3-	1/0ACSR	714	673	601	158	73	3	1	0.01	4.05	0
CO29418	CO29417	6.37	17 3-	1/0ACSR	704	662	591	157	73	3	1	0.01	4.06	0
CO29317	CO29418	6.46	16 3-	1/0ACSR	697	655	583	157	73	3	1	0.01	4.07	0
CO29331	CO29317	6.52	1 1-	4ACSR	0	0	577	156	8	1	1	0.00	4.07	0
CO29352	CO29317	6.49	15 3-	1/0ACSR	695	653	582	157	64	2	1	0.00	4.07	0
CO29353	CO29352	6.59	15 3-	1/0ACSR	687	645	574	156	64	2	1	0.01	4.07	0
CO29354	CO29353	6.65	14 3-	1/0ACSR	683	640	569	156	62	2	1	0.00	4.07	0
CO29423	CO29354	6.66	7 1-	6ACWC	0	0	569	156	23	3	2	0.00	4.08	0
OC913	CO29423	6.66	7 1-	15 H OCR	0	0	569	156	23	3	21	0.00	4.08	0
CO29424	OC913	7.07	7 1-	6ACWC	0	0	530	152	23	3	2	0.06	4.13	0
CO29408	CO29424	7.09	7 1-	2ACSR	0	0	528	152	23	3	2	0.00	4.14	0
CO2144279478	CO29408	7.11	7 1-	2ACSR	0	0	526	152	23	3	2	0.00	4.14	0
CO29361	CO2144279478	7.32	7 1-	6ACWC	0	0	508	150	23	3	2	0.03	4.16	0
CO29406	CO29361	7.44	6 1-	6ACWC	0	0	498	149	16	2	2	0.01	4.17	0
CO29407	CO29406	7.59	6 1-	6ACWC	0	0	486	148	16	2	2	0.02	4.19	0
CO29360	CO29407	7.68	5 1-	6ACWC	0	0	479	147	16	2	2	0.00	4.19	0
CO29359	CO29360	7.80	4 1-	6ACWC	0	0	470	146	1	0	0	0.00	4.20	0
CO29334	CO29359	7.87	0 1-	6ACWC	0	0	464	146	0	0	0	0.00	4.20	0
CO30515	CO29359	8.14	4 1-	6ACWC	0	0	446	143	1	0	0	0.00	4.20	0
CO29709	CO30515	8.19	3 1-	6ACWC	0	0	442	143	1	0	0	0.00	4.20	0
CO29710	CO29709	8.46	2 1-	6ACWC	0	0	424	141	0	0	0	0.00	4.20	0
CO29711	CO29710	8.58	1 1-	6ACWC	0	0	417	140	0	0	0	0.00	4.20	0
CO-1246667839	CO29408	7.23	0 1-	2ACSR	0	0	518	151	0	0	0	0.00	4.14	0
CO29355	CO29354	6.92	6 3-	1/0ACSR	664	621	550	155	27	1	1	0.00	4.08	0
CO29356	CO29355	6.96	5 3-	1/0ACSR	661	618	548	155	18	0	0	0.00	4.08	0
CO29425	CO29356	6.97	1 1-	4ACSR	0	0	547	155	3	0	0	0.00	4.08	0
OC911	CO29425	6.97	1 1-	10 N FUSE	0	0	547	155	3	0	5	0.00	4.08	0
CO29426	OC911	7.04	1 1-	4ACSR	0	0	541	154	3	0	0	0.00	4.08	0
CO29409	CO29426	7.06	0 1-	4ACSR	0	0	538	154	0	0	0	0.00	4.08	0
CO29410	CO29409	7.25	0 1-	4ACSR	0	0	521	152	0	0	0	0.00	4.08	0
CO29335	CO29410	7.32	0 1-	4ACSR	0	0	515	151	0	0	0	0.00	4.08	0
CO29419	CO29410	7.51	0 1-	4ACSR	0	0	499	150	0	0	0	0.00	4.08	0
CO29420	CO29419	7.59	0 1-	4ACSR	0	0	493	149	0	0	0	0.00	4.08	0
CO29357	CO29356	7.00	3 1-	4ACSR	0	0	544	154	4	0	0	0.00	4.08	0
CO29411	CO29357	7.05	2 1-	4ACSR	0	0	539	154	0	0	0	0.00	4.08	0
CO29427	CO29411	7.15	0 1-	4ACSR	0	0	530	153	0	0	0	0.00	4.08	0
CO29413	CO29427	7.18	0 1-	4ACSR	0	0	527	153	0	0	0	0.00	4.08	0
CO29414	CO29413	7.22	0 1-	4ACSR	0	0	523	152	0	0	0	0.00	4.08	0
CO29412	CO29411	7.09	2 1-	4ACSR	0	0	535	153	0	0	0	0.00	4.08	0
CO29350	CO29418	6.42	1 1-	4ACSR	0	0	586	157	1	0	0	0.00	4.06	0
CO29351	CO29350	6.47	1 1-	4ACSR	0	0	579	156	1	0	0	0.00	4.06	0
CO29332	CO29349	5.84	1 1-	4ACSR	0	0	632	159	6	0	1	0.00	4.02	0
CO29626	CO29625	5.55	1 1-	4ACSR	0	0	658	161	2	0	0	0.00	4.01	0
CO29627	CO29626	5.61	1 1-	4ACSR	0	0	651	160	2	0	0	0.00	4.01	0
CO29580	CO29623	4.73	1 1-	4ACSR	0	0	749	165	1	0	0	0.00	3.95	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29596	CO-2133377024	4.71	1 1-	4ACSR	0	0	750	165	5	0	0	0.00	3.95	0
CO29618	CO29615	4.55	2 1-	4ACSR	0	0	771	166	3	0	0	0.00	3.94	0
CO29579	CO29618	4.57	1 1-	4ACSR	0	0	766	166	3	0	0	0.00	3.94	0
CO29619	CO29618	4.59	1 1-	4ACSR	0	0	764	165	0	0	0	0.00	3.94	0
CO29616	CO29615	4.55	2 1-	2ACSR	0	0	773	166	12	1	1	0.00	3.94	0
CO-2002736321	CO29616	4.59	1 1-	2ACSR	0	0	767	166	1	0	0	0.00	3.94	0
CO29617	CO29616	4.63	1 1-	2ACSR	0	0	761	166	10	1	1	0.00	3.94	0
CO1461747229	CO-1020755182	4.29	2 1-	2ACSR	0	0	809	168	18	2	1	0.01	3.92	0
CO31464911	CO1461747229	4.36	2 1-	2ACSR	0	0	798	167	18	2	1	0.00	3.92	0
CO29578	CO29553	4.18	1 1-	4ACSR	0	0	826	168	9	1	1	0.00	3.90	0
CO29577	CO29550	3.78	1 1-	4ACSR	0	0	887	170	9	1	1	0.00	3.82	0
CO29575	CO29610	3.51	0 1-	4ACSR	0	0	933	172	0	0	0	0.00	3.75	0
CO29576+	CO29552	3.20	1 1-	4ACSR	0	0	1649	328	2	0	0	0.00	3.26	0
CO29607+	CO29606	3.05	2 1-	4ACSR	0	0	1709	330	10	0	0	0.00	3.16	0
CO29608+	CO29607	3.19	1 1-	4ACSR	0	0	1647	327	8	0	0	0.00	3.16	0
CO29506+	CO29505	1.37	0 1-	4ACSR	0	0	2449	345	0	0	0	0.00	0.85	0
CO29507+	CO29506	1.41	0 1-	4ACSR	0	0	2420	345	0	0	0	0.00	0.85	0
CO29497+	CO29496	0.28	4 1-	4ACSR	0	0	3262	355	16	1	1	0.00	0.17	0
CO29498+	CO29497	0.32	2 1-	4ACSR	0	0	3218	354	11	0	1	0.00	0.17	0
CO29499+	CO29498	0.38	2 1-	4ACSR	0	0	3146	352	11	0	1	0.00	0.17	0
CO29500+	CO29499	0.41	2 1-	4ACSR	0	0	3103	352	11	0	1	0.00	0.17	0
CO25347909+	CO29500	0.54	1 1-	2ACSR	0	0	2967	350	5	0	0	0.00	0.17	0
CO29534+	CO29532	0.02	165 3-	750 MCM - 42 Wi	3387	3510	3536	357	1046	23	2	0.00	0.00	0
Barret Pk.+	CO29534	0.02	165 3-	560 200WVE	3387	3510	3536	357	1046	23	4	0.00	0.00	0
CO29484+	Barret Pk.	0.04	165 3-	1/0ACSR	3371	3484	3509	357	1046	23	10	0.00	0.01	7
CO29485+	CO29484	0.25	165 3-	1/0ACSR	3225	3258	3275	355	1046	23	10	0.04	0.05	68
CO29486+	CO29485	0.34	165 3-	1/0ACSR	3169	3179	3188	354	1046	23	10	0.02	0.07	27
CO29487+	CO29486	0.37	165 3-	1/0ACSR	3148	3156	3156	353	1045	23	10	0.01	0.08	10
CO29431+	CO29487	0.57	157 3-	1/0ACSR	3021	3011	2967	351	998	22	10	0.04	0.11	58
CO29432+	CO29431	0.83	156 3-	1/0ACSR	2869	2837	2751	348	995	22	10	0.05	0.16	74
CO29492+	CO29432	0.87	3 1-	4ACSR	0	0	2708	348	15	1	1	0.00	0.16	0
OC-321665880+	CO29492	0.87	1 1-	20 N FUSE	0	0	2708	348	3	0	1	0.00	0.16	0
CO29493+	OC-321665880	0.91	1 1-	4ACSR	0	0	2669	347	3	0	0	0.00	0.16	0
CO29494+	CO29493	1.09	1 1-	4ACSR	0	0	2496	343	3	0	0	0.00	0.17	0
CO29433+	CO29432	1.31	153 3-	1/0ACSR	2615	2550	2415	344	980	22	10	0.09	0.26	134
CO29434+	CO29433	1.46	151 3-	1/0ACSR	2539	2466	2320	342	963	21	9	0.03	0.29	42
CO29538+	CO29434	1.60	0 1-	4ACSR	0	0	2218	339	0	0	0	0.00	0.29	0
OC-581806790+	CO29538	1.60	0 1-	20 N FUSE	0	0	2218	339	0	0	0	0.00	0.29	0
CO29537+	CO29434	1.57	1 1-	4ACSR	0	0	2239	340	6	0	0	0.00	0.29	0
OC1217778951+	CO29537	1.57	0 1-	20 N FUSE	0	0	2239	340	0	0	0	0.00	0.29	0
CO30511+	CO29434	1.77	150 3-	1/0ACSR	2403	2316	2154	339	957	21	9	0.06	0.34	81
CO29773+	CO30511	1.81	13 1-	4ACSR	0	0	2123	338	77	5	4	0.01	0.35	0
OC-2074783867+	CO29773	1.81	12 1-	20 N FUSE	0	0	2123	338	68	4	23	0.00	0.35	0
CO29774+	OC-2074783867	1.97	12 1-	4ACSR	0	0	2017	334	68	4	3	0.02	0.36	0
CO29779+	CO29774	2.12	5 1-	2ACSR	0	0	1940	332	40	2	1	0.01	0.37	0
CO29781+	CO29779	2.14	2 1-	2ACSR	0	0	1932	332	10	0	0	0.00	0.37	0
CO29782+	CO29781	2.21	1 1-	2ACSR	0	0	1901	331	1	0	0	0.00	0.37	0
CO29780+	CO29779	2.15	3 1-	2ACSR	0	0	1928	332	29	1	1	0.00	0.37	0
CO29775+	CO29774	2.00	5 1-	4ACSR	0	0	2002	334	22	1	1	0.00	0.36	0
CO29776+	CO29775	2.03	4 1-	4ACSR	0	0	1985	333	22	1	1	0.00	0.36	0
CO29777+	CO29776	2.09	2 1-	4ACSR	0	0	1945	332	6	0	0	0.00	0.37	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29778+	CO29777	2.16	1 1-	4ACSR	0	0	1906	331	6	0	0	0.00	0.37	0
CO29747+	CO30511	2.35	136 3-	1/0ACSR	2173	2068	1891	333	879	19	9	0.10	0.44	132
CO29846+	CO29747	2.95	135 3-	1/0ACSR	1972	1857	1676	327	878	19	9	0.10	0.55	136
CO29843+	CO29846	2.96	14 1-	4ACSR	0	0	1673	327	122	8	6	0.00	0.55	0
OC932+	CO29843	2.96	14 1-	50 E OCR	0	0	1673	327	122	8	17	0.00	0.55	0
CO29844+	OC932	3.06	14 1-	4ACSR	0	0	1630	325	122	8	6	0.02	0.57	4
OC1904100502+	CO29844	3.06	14 1-	20 N FUSE	0	0	1630	325	122	8	42	0.00	0.57	0
CO29738+	OC1904100502	3.27	14 1-	4ACSR	0	0	1542	321	122	8	6	0.04	0.61	8
CO29785+	CO29738	3.40	2 1-	4ACSR	0	0	1492	318	15	1	1	0.00	0.61	0
CO29748+	CO29785	3.45	2 1-	4ACSR	0	0	1473	317	15	1	1	0.00	0.61	0
CO29786+	CO29785	3.43	0 1-	4ACSR	0	0	1482	318	0	0	0	0.00	0.61	0
CO29739+	CO29738	3.48	12 1-	4ACSR	0	0	1464	317	107	7	5	0.03	0.64	6
CO29845+	CO29739	3.64	10 1-	4ACSR	0	0	1406	314	90	6	4	0.02	0.66	3
CO29789+	CO29845	3.67	8 1-	4ACSR	0	0	1397	313	74	5	4	0.00	0.67	0
CO29790+	CO29789	3.91	8 1-	4ACSR	0	0	1320	309	74	5	4	0.03	0.69	3
CO29791+	CO29790	3.96	7 1-	4ACSR	0	0	1305	308	65	4	3	0.00	0.69	0
CO29792+	CO29791	4.11	6 1-	4ACSR	0	0	1262	305	27	1	1	0.01	0.70	0
CO29795+	CO29792	4.14	4 1-	4ACSR	0	0	1252	305	24	1	1	0.00	0.70	0
CO29796+	CO29795	4.18	4 1-	4ACSR	0	0	1242	304	24	1	1	0.00	0.70	0
CO29797+	CO29796	4.19	2 1-	4ACSR	0	0	1237	304	13	0	1	0.00	0.70	0
CO29798+	CO29797	4.23	0 1-	4ACSR	0	0	1229	303	0	0	0	0.00	0.70	0
CO29793+	CO29792	4.31	1 1-	4ACSR	0	0	1206	302	0	0	0	0.00	0.70	0
CO29794+	CO29793	4.44	1 1-	4ACSR	0	0	1175	300	0	0	0	0.00	0.70	0
CO29758+	CO29845	3.79	1 1-	4ACSR	0	0	1357	311	9	0	0	0.00	0.66	0
CO29759+	CO29845	3.69	1 1-	4ACSR	0	0	1391	313	6	0	0	0.00	0.66	0
CO29787+	CO29739	3.64	2 1-	4ACSR	0	0	1408	314	18	1	1	0.00	0.64	0
CO29788+	CO29787	3.69	1 1-	4ACSR	0	0	1391	313	14	0	1	0.00	0.64	0
CO29749+	OC1904100502	3.10	0 1-	4ACSR	0	0	1613	324	0	0	0	0.00	0.57	0
CO29799+	CO29846	3.00	120 3-	1/0ACSR	1958	1842	1660	327	755	17	7	0.01	0.55	8
CO29800+	CO29799	3.06	120 3-	1/0ACSR	1940	1826	1642	326	755	17	7	0.01	0.56	10
CO29801+	CO29800	3.15	119 3-	1/0ACSR	1913	1800	1615	325	742	16	7	0.01	0.57	15
CO29750+	CO29801	3.31	0 1-	4ACSR	0	0	1551	322	0	0	0	0.00	0.57	0
OC-2026422275+	CO29750	3.31	0 1-	20 N FUSE	0	0	1551	322	0	0	0	0.00	0.57	0
CO29802+	CO29801	3.27	119 3-	1/0ACSR	1882	1771	1583	324	742	16	7	0.02	0.59	17
CO670358017+	CO29802	3.32	1 1-	2ACSR	0	0	1564	323	10	0	0	0.00	0.59	0
OC-1331207605+	CO670358017	3.32	0 1-	20 N FUSE	0	0	1564	323	0	0	0	0.00	0.59	0
CO29803+	CO29802	3.30	116 3-	1/0ACSR	1871	1760	1571	324	711	16	7	0.01	0.60	6
CO29740+	CO29803	3.42	112 3-	1/0ACSR	1839	1730	1539	323	689	15	7	0.02	0.61	16
CO29741+	CO29740	3.50	40 1-	4ACSR	0	0	1511	321	172	11	8	0.02	0.63	5
CO29841+	CO29741	3.50	40 1-	4ACSR	0	0	1508	321	172	11	8	0.00	0.63	0
OC931+	CO29841	3.50	40 1-	50 H OCR	0	0	1508	321	172	11	23	0.00	0.63	0
CO29842+	OC931	3.64	40 1-	4ACSR	0	0	1459	318	172	11	8	0.04	0.67	10
CO29820+	CO29842	3.72	36 1-	4ACSR	0	0	1431	317	156	10	8	0.02	0.69	5
CO29821+	CO29820	3.75	35 1-	4ACSR	0	0	1420	316	154	10	7	0.01	0.69	0
CO29830+	CO29821	4.08	31 1-	4ACSR	0	0	1314	310	147	9	7	0.07	0.77	17
CO29831+	CO29830	4.14	31 1-	4ACSR	0	0	1298	309	147	9	7	0.01	0.78	3
CO29832+	CO29831	4.20	30 1-	4ACSR	0	0	1279	308	140	9	7	0.01	0.79	3
CO29833+	CO29832	4.24	28 1-	4ACSR	0	0	1269	307	136	9	7	0.01	0.80	0
CO29756+	CO29833	4.30	2 1-	4ACSR	0	0	1253	306	3	0	0	0.00	0.80	0
CO29834+	CO29833	4.29	26 1-	4ACSR	0	0	1256	307	133	8	6	0.01	0.81	0
CO29835+	CO29834	4.34	24 1-	4ACSR	0	0	1242	306	129	8	6	0.01	0.82	0
CO29755+	CO29835	4.37	2 1-	4ACSR	0	0	1232	305	9	0	0	0.00	0.82	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29836+	CO29835	4.41	22 1-	4ACSR	0	0	1222	304	120	8	6	0.01	0.83	3
CO29837+	CO29836	4.51	21 1-	4ACSR	0	0	1197	303	120	8	6	0.02	0.85	3
CO29762+	CO29837	4.57	0 1-	2ACSR	0	0	1185	302	0	0	0	0.00	0.85	0
CO29838+	CO29837	4.65	20 1-	4ACSR	0	0	1162	300	110	7	5	0.02	0.87	4
CO29839+	CO29838	4.72	1 1-	4ACSR	0	0	1144	299	13	0	1	0.00	0.87	0
CO29840+	CO29839	4.80	1 1-	4ACSR	0	0	1127	298	13	0	1	0.00	0.88	0
CO29742+	CO29838	4.72	17 1-	4ACSR	0	0	1144	299	93	6	4	0.01	0.88	0
CO-675393905+	CO29742	4.77	0 1-	2ACSR	0	0	1136	298	0	0	0	0.00	0.88	0
CO29743+	CO29742	4.80	16 1-	4ACSR	0	0	1126	298	93	6	4	0.01	0.89	0
CO30504+	CO29743	4.86	15 1-	4ACSR	0	0	1114	297	79	5	4	0.01	0.90	0
CO29851+	CO30504	5.30	5 1-	4ACSR	0	0	1021	289	15	0	1	0.01	0.91	0
CO29864+	CO29851	5.59	3 1-	4ACSR	0	0	969	285	14	0	1	0.01	0.92	0
CO29909+	CO29864	5.81	1 1-	2ACSR	0	0	939	283	7	0	0	0.00	0.92	0
CO29910+	CO29909	5.89	1 1-	2ACSR	0	0	930	282	7	0	0	0.00	0.92	0
CO29911+	CO29910	6.01	1 1-	2ACSR	0	0	915	280	7	0	0	0.00	0.92	0
CO29912+	CO29911	6.06	1 1-	2ACSR	0	0	908	280	7	0	0	0.00	0.92	0
CO29888+	CO29864	5.66	1 1-	4ACSR	0	0	957	284	3	0	0	0.00	0.92	0
CO29887+	CO29864	5.63	1 1-	4ACSR	0	0	961	284	3	0	0	0.00	0.92	0
CO29872+	CO29851	5.41	2 1-	4ACSR	0	0	1000	288	1	0	0	0.00	0.91	0
CO29850+	CO30504	4.97	8 1-	4ACSR	0	0	1089	295	44	2	2	0.01	0.91	0
CO29900+	CO29850	5.06	6 1-	4ACSR	0	0	1069	293	32	2	2	0.00	0.91	0
CO29901+	CO29900	5.16	6 1-	4ACSR	0	0	1049	292	32	2	2	0.00	0.92	0
CO29904+	CO29901	5.27	4 1-	4ACSR	0	0	1027	290	16	1	1	0.00	0.92	0
CO29905+	CO29904	5.34	4 1-	4ACSR	0	0	1013	289	16	1	1	0.00	0.92	0
CO29906+	CO29905	5.41	4 1-	1/0PRIURD	0	0	1005	548	16	1	1	0.00	0.92	0
CO29907+	CO29906	5.50	2 1-	1/0PRIURD	0	0	996	546	5	0	0	0.00	0.92	0
CO29908+	CO29907	5.64	1 1-	1/0PRIURD	0	0	980	541	4	0	0	0.00	0.92	0
CO29902+	CO29901	5.23	2 1-	4ACSR	0	0	1034	290	16	1	1	0.00	0.92	0
CO29903+	CO29902	5.33	1 1-	4ACSR	0	0	1015	289	13	0	1	0.00	0.92	0
CO29893+	CO30504	4.88	1 1-	2ACSR	0	0	1110	296	15	1	1	0.00	0.90	0
CO29894+	CO29893	4.93	1 1-	2ACSR	0	0	1101	296	15	1	1	0.00	0.90	0
CO29760+	CO29743	4.92	1 1-	2ACSR	0	0	1105	296	13	0	1	0.00	0.90	0
CO29761+	CO29834	4.36	2 1-	2ACSR	0	0	1239	306	4	0	0	0.00	0.81	0
CO29822+	CO29821	3.91	4 1-	4ACSR	0	0	1366	313	7	0	0	0.00	0.70	0
CO29823+	CO29822	4.26	4 1-	4ACSR	0	0	1264	307	7	0	0	0.00	0.70	0
CO29753+	CO29823	4.47	1 1-	4ACSR	0	0	1206	303	1	0	0	0.00	0.70	0
CO-775441454+	CO29753	4.54	0 1-	2ACSR	0	0	1191	302	0	0	0	0.00	0.70	0
CO29824+	CO29823	4.52	3 1-	4ACSR	0	0	1194	302	7	0	0	0.00	0.70	0
CO29825+	CO29824	4.54	3 1-	4ACSR	0	0	1189	302	7	0	0	0.00	0.70	0
CO29828+	CO29825	4.71	1 1-	4ACSR	0	0	1148	299	5	0	0	0.00	0.70	0
CO29829+	CO29828	4.86	0 1-	4ACSR	0	0	1113	297	0	0	0	0.00	0.70	0
CO29826+	CO29825	4.64	1 1-	4ACSR	0	0	1165	300	2	0	0	0.00	0.70	0
CO29827+	CO29826	4.71	1 1-	4ACSR	0	0	1147	299	2	0	0	0.00	0.70	0
CO29818+	CO29842	3.77	3 1-	4ACSR	0	0	1414	316	14	0	1	0.00	0.67	0
CO29819+	CO29818	3.82	2 1-	4ACSR	0	0	1399	315	9	0	0	0.00	0.67	0
CO29804+	CO29740	3.69	71 3-	2ACSR	1757	1654	1458	319	512	11	6	0.04	0.65	33
CO29805+	CO29804	4.12	70 3-	2ACSR	1635	1542	1342	313	497	11	6	0.06	0.72	50
CO29806+	CO29805	4.19	69 3-	2ACSR	1618	1527	1326	313	497	11	6	0.01	0.72	7
FD1217325322+	CO29806	4.19	68 3-	_DefaultBayEqui	1618	1527	1326	313	493	11	0	0.00	0.72	0
CO29746+	FD1217325322	4.38	68 3-	2ACSR	1568	1481	1280	310	493	11	6	0.03	0.75	22
OC1217325322+	CO29746	4.38	63 3-	20 N FUSE	1568	1481	1280	310	469	10	53	0.00	0.75	0
CO29811+	OC1217325322	4.58	63 3-	2ACSR	1522	1439	1238	308	469	10	6	0.03	0.78	19

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO194944442+	CO29811	4.62	60 3-	2ACSR	1511	1429	1227	307	453	10	6	0.01	0.79	5
CO1539125794+	CO194944442	4.84	1 1-	2ACSR	0	0	1184	304	0	0	0	0.00	0.79	0
OC-68144902+	CO1539125794	4.84	0 1-	20 N FUSE	0	0	1184	304	0	0	0	0.00	0.79	0
CO-513416104+	CO194944442	4.69	59 3-	2ACSR	1496	1415	1214	306	453	10	6	0.01	0.79	6
CO29813+	CO-513416104	4.93	59 3-	2ACSR	1442	1366	1165	303	453	10	6	0.03	0.83	24
CO29816+	CO29813	4.97	2 1-	2ACSR	0	0	1158	303	6	0	0	0.00	0.83	0
OC-1345114114+	CO29816	4.97	1 1-	20 N FUSE	0	0	1158	303	2	0	1	0.00	0.83	0
CO29817+	OC-1345114114	4.99	1 1-	2ACSR	0	0	1154	303	2	0	0	0.00	0.83	0
CO30336+	CO29813	5.16	56 3-	2ACSR	1395	1323	1123	301	447	10	6	0.03	0.86	21
CO24898+	CO30336	5.35	56 3-	2ACSR	1357	1288	1090	298	447	10	6	0.02	0.88	17
CO24944+	CO24898	5.36	12 1-	4ACSR	0	0	1089	298	72	4	4	0.00	0.88	0
OC750+	CO24944	5.36	12 1-	35 A OCR	0	0	1089	298	72	4	0	0.00	0.88	0
CO30351+	OC750	5.73	12 1-	4ACSR	0	0	1016	292	72	4	4	0.04	0.92	4
OC1288114373+	CO30351	5.73	11 1-	20 N FUSE	0	0	1016	292	62	4	21	0.00	0.92	0
CO29744+	OC1288114373	5.86	9 1-	4ACSR	0	0	992	290	46	3	2	0.01	0.93	0
CO1719526032+	CO29744	5.90	1 1-	2ACSR	0	0	986	289	10	0	0	0.00	0.93	0
CO29745+	CO29744	5.95	6 1-	4ACSR	0	0	976	288	29	1	1	0.00	0.93	0
CO29765+	CO29745	5.99	3 1-	4ACSR	0	0	969	288	19	1	1	0.00	0.93	0
CO29766+	CO29765	6.07	3 1-	4ACSR	0	0	955	286	19	1	1	0.00	0.94	0
CO29767+	CO29766	6.29	3 1-	4ACSR	0	0	921	283	19	1	1	0.01	0.94	0
CO30517+	CO29767	6.53	3 1-	4ACSR	0	0	884	279	19	1	1	0.01	0.95	0
CO29898+	CO30517	6.59	3 1-	4ACSR	0	0	875	279	19	1	1	0.00	0.95	0
CO29899+	CO29898	6.81	1 1-	4ACSR	0	0	846	275	14	0	1	0.00	0.95	0
CO29754+	CO29745	5.98	1 1-	4ACSR	0	0	971	288	0	0	0	0.00	0.93	0
CO29763+	CO29745	6.03	2 1-	2ACSR	0	0	965	288	10	0	0	0.00	0.93	0
CO29768+	CO29744	5.93	2 1-	4ACSR	0	0	980	289	7	0	0	0.00	0.93	0
CO29769+	CO29768	5.96	2 1-	4ACSR	0	0	974	288	7	0	0	0.00	0.93	0
CO29770+	CO29769	6.08	2 1-	4ACSR	0	0	954	286	7	0	0	0.00	0.93	0
CO29771+	CO29770	6.44	1 1-	4ACSR	0	0	897	281	3	0	0	0.00	0.93	0
CO29772+	CO29771	6.82	0 1-	4ACSR	0	0	845	275	0	0	0	0.00	0.93	0
CO30339+	OC1288114373	5.84	2 1-	4ACSR	0	0	996	290	16	1	1	0.00	0.92	0
CO24943+	CO30339	6.14	0 1-	4ACSR	0	0	944	285	0	0	0	0.00	0.92	0
CO30340+	CO24943	6.31	0 1-	4ACSR	0	0	917	283	0	0	0	0.00	0.92	0
CO24906+	CO30339	5.99	1 1-	4ACSR	0	0	969	288	3	0	0	0.00	0.92	0
CO24941+	CO24898	5.48	43 3-	2ACSR	1333	1266	1069	297	361	8	5	0.01	0.89	8
CO24942+	CO24941	5.50	43 3-	2ACSR	1329	1262	1066	297	361	8	5	0.00	0.90	0
CO24901+	CO24942	5.54	0 1-	4ACSR	0	0	1057	296	0	0	0	0.00	0.90	0
CO24939+	CO24942	5.53	43 3-	2ACSR	1324	1257	1061	296	361	8	5	0.00	0.90	0
#FD602254569+	CO24939	5.53	0 3-	_DefaultBayEqui	1324	1257	1061	296	0	0	0	0.00	0.90	0
FD602254569+	CO24939	5.53	0 3-	_DefaultBayEqui	1324	1257	1061	296	0	0	0	0.00	0.90	0
CO24940+	CO24939	5.88	42 3-	2ACSR	1263	1201	1008	292	357	8	5	0.04	0.93	20
OC602254569+	CO24940	5.88	40 3-	10 H OCR	1263	1201	1008	292	323	7	73	0.00	0.93	0
CO24938+	OC602254569	5.95	40 3-	2ACSR	1251	1190	998	291	323	7	4	0.01	0.94	4
CO24937+	CO24938	5.99	37 3-	2ACSR	1243	1183	991	291	298	6	4	0.00	0.95	0
CO24908+	CO24937	6.06	1 1-	1/0PRIURD	0	0	984	552	11	0	0	0.00	0.95	0
CO24936+	CO24937	6.04	36 3-	2ACSR	1236	1176	985	290	287	6	4	0.00	0.95	0
CO24934+	CO24936	6.09	36 3-	2ACSR	1227	1168	978	290	287	6	4	0.00	0.95	0
CO24935+	CO24934	6.14	35 3-	2ACSR	1219	1161	971	289	276	6	3	0.00	0.96	0
CO24930+	CO24935	6.40	31 3-	2ACSR	1180	1125	937	286	245	5	3	0.02	0.98	7
CO24931+	CO24930	6.47	30 3-	2ACSR	1170	1116	929	286	244	5	3	0.00	0.98	0
CO24905+	CO24931	6.53	2 1-	4ACSR	0	0	918	285	10	0	0	0.00	0.98	0
OC118661001+	CO24905	6.53	0 1-	20 N FUSE	0	0	918	285	0	0	0	0.00	0.98	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24928+	CO24931	6.50	28 3-	2ACSR	1166	1112	925	285	234	5	3	0.00	0.98	0
CO24929+	CO24928	6.72	26 3-	2ACSR	1135	1083	899	283	222	5	3	0.01	1.00	5
CO24904+	CO24929	6.80	2 1-	4ACSR	0	0	886	282	26	1	1	0.00	1.00	0
OC-956484554+	CO24904	6.80	0 1-	20 N FUSE	0	0	886	282	0	0	0	0.00	1.00	0
CO24903+	CO24929	6.77	1 1-	4ACSR	0	0	891	282	9	0	0	0.00	1.00	0
OC-1195813493+	CO24903	6.77	0 1-	20 N FUSE	0	0	891	282	0	0	0	0.00	1.00	0
CO24919+	CO24929	6.83	23 3-	2ACSR	1119	1068	886	282	186	4	2	0.01	1.00	0
CO24920+	CO24919	6.87	22 3-	2ACSR	1114	1064	882	281	174	3	2	0.00	1.01	0
CO24921+	CO24920	6.88	20 3-	2ACSR	1112	1062	880	281	154	3	2	0.00	1.01	0
CO24922+	CO24921	6.91	19 3-	2ACSR	1109	1059	877	281	153	3	2	0.00	1.01	0
CO24923+	CO24922	6.95	16 3-	2ACSR	1103	1054	873	280	118	2	1	0.00	1.01	0
CO24902+	CO24923	7.05	2 1-	4ACSR	0	0	858	279	8	0	0	0.00	1.01	0
OC-225792306+	CO24902	7.05	0 1-	20 N FUSE	0	0	858	279	0	0	0	0.00	1.01	0
CO24899+	CO24923	7.18	9 3-	2ACSR	1074	1026	848	278	67	1	1	0.00	1.01	0
CO24912+	CO24899	7.32	4 3-	2ACSR	1057	1010	833	276	32	0	0	0.00	1.01	0
CO24913+	CO24912	7.40	2 3-	2ACSR	1046	1001	825	276	16	0	0	0.00	1.01	0
CO24911+	CO24913	7.51	2 3-	2ACSR	1035	990	815	275	16	0	0	0.00	1.01	0
CO852070980+	CO24911	7.55	1 1-	2ACSR	0	0	811	274	11	0	0	0.00	1.02	0
CO61952739+	CO852070980	7.64	1 1-	2ACSR	0	0	802	273	11	0	0	0.00	1.02	0
CO24945+	CO24911	7.64	0 3-	2ACSR	1019	976	803	273	0	0	0	0.00	1.01	0
#SW751-B+	CO24945	7.64	0 3-	Open	1019	976	803	273	0	0	0	0.00	1.01	0
CO24915+	CO24899	7.28	5 1-	4ACSR	0	0	834	276	34	2	2	0.00	1.02	0
OC-231526427+	CO24915	7.28	4 1-	20 N FUSE	0	0	834	276	27	1	9	0.00	1.02	0
CO24916+	OC-231526427	7.35	4 1-	4ACSR	0	0	826	275	27	1	1	0.00	1.02	0
CO24914+	CO24916	7.50	1 1-	4ACSR	0	0	808	273	9	0	0	0.00	1.02	0
CO24917+	CO24916	7.41	3 1-	4ACSR	0	0	819	275	18	1	1	0.00	1.02	0
CO24918+	CO24917	7.50	2 1-	4ACSR	0	0	807	273	11	0	1	0.00	1.02	0
CO24924+	CO24923	6.99	5 1-	4ACSR	0	0	867	280	43	2	2	0.00	1.01	0
OC1999316261+	CO24924	6.99	4 1-	20 N FUSE	0	0	867	280	33	2	11	0.00	1.01	0
CO24925+	OC1999316261	7.03	4 1-	4ACSR	0	0	861	279	33	2	2	0.00	1.01	0
CO24907+	CO24925	7.12	1 1-	4ACSR	0	0	849	278	3	0	0	0.00	1.01	0
CO24926+	CO24925	7.06	3 1-	4ACSR	0	0	858	279	30	2	1	0.00	1.01	0
CO24927+	CO24926	7.08	1 1-	4ACSR	0	0	854	278	10	0	0	0.00	1.01	0
CO24932+	CO24935	6.21	2 1-	4ACSR	0	0	959	288	19	1	1	0.00	0.96	0
CO24933+	CO24932	6.25	1 1-	4ACSR	0	0	953	287	10	0	0	0.00	0.96	0
CO24909+	CO24938	6.04	3 1-	2ACSR	0	0	985	290	26	1	1	0.00	0.94	0
CO24910+	CO24940	5.97	1 1-	2ACSR	0	0	995	291	14	0	1	0.00	0.94	0
CO24900+	CO30336	5.23	0 1-	4ACSR	0	0	1108	299	0	0	0	0.00	0.86	0
CO29814+	CO29811	4.75	2 1-	2ACSR	0	0	1201	306	5	0	0	0.00	0.78	0
OC1857868918+	CO29814	4.75	1 1-	20 N FUSE	0	0	1201	306	5	0	2	0.00	0.78	0
CO29815+	OC1857868918	4.87	1 1-	2ACSR	0	0	1177	304	5	0	0	0.00	0.78	0
CO29807+	CO29746	4.55	4 1-	4ACSR	0	0	1235	307	18	1	1	0.00	0.76	0
OC1133671568+	CO29807	4.55	3 1-	20 N FUSE	0	0	1235	307	7	0	2	0.00	0.76	0
CO29808+	OC1133671568	4.57	3 1-	4ACSR	0	0	1230	307	7	0	0	0.00	0.76	0
CO29809+	CO29808	4.64	3 1-	4ACSR	0	0	1211	305	7	0	0	0.00	0.76	0
CO29810+	CO29809	4.83	1 1-	4ACSR	0	0	1164	302	0	0	0	0.00	0.76	0
CO29757+	CO29806	4.23	1 1-	4ACSR	0	0	1315	312	4	0	0	0.00	0.72	0
OC171020551+	CO29757	4.23	0 1-	20 N FUSE	0	0	1315	312	0	0	0	0.00	0.72	0
CO29764+	CO29804	3.82	1 1-	2ACSR	0	0	1422	317	15	1	1	0.00	0.65	0
OC-1456533523+	CO29764	3.82	0 1-	20 N FUSE	0	0	1422	317	0	0	0	0.00	0.65	0
CO29752+	CO29803	3.33	1 1-	4ACSR	0	0	1560	323	2	0	0	0.00	0.60	0
OC-345751234+	CO29752	3.33	0 1-	20 N FUSE	0	0	1560	323	0	0	0	0.00	0.60	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29751+	CO29803	3.39	1 1-	4ACSR	0	0	1539	322	4	0	0	0.00	0.60	0
OC169439073+	CO29751	3.39	0 1-	20 N FUSE	0	0	1539	322	0	0	0	0.00	0.60	0
CO29783+	CO29747	2.61	1 1-	4ACSR	0	0	1753	328	0	0	0	0.00	0.44	0
OC-1085797722+	CO29783	2.61	0 1-	20 N FUSE	0	0	1753	328	0	0	0	0.00	0.44	0
CO29784+	OC-1085797722	2.73	0 1-	4ACSR	0	0	1696	325	0	0	0	0.00	0.44	0
CO29457+	CO29433	1.36	1 1-	4ACSR	0	0	2366	342	15	1	1	0.00	0.26	0
OC1553271978+	CO29457	1.36	0 1-	20 N FUSE	0	0	2366	342	0	0	0	0.00	0.26	0
CO29455+	CO29433	1.48	0 1-	4ACSR	0	0	2278	340	0	0	0	0.00	0.26	0
OC-1999464392+	CO29455	1.48	0 1-	20 N FUSE	0	0	2278	340	0	0	0	0.00	0.26	0
CO167478472+	CO29433	1.37	1 1-	2ACSR	0	0	2370	343	1	0	0	0.00	0.26	0
OC-80241196+	CO167478472	1.37	0 1-	20 N FUSE	0	0	2370	343	0	0	0	0.00	0.26	0
CO29454+	CO29431	0.62	1 1-	4ACSR	0	0	2908	350	2	0	0	0.00	0.11	0
OC1277523313+	CO29454	0.62	0 1-	20 N FUSE	0	0	2908	350	0	0	0	0.00	0.11	0
CO29488+	CO29487	0.41	7 1-	1/0ACSR	0	0	3114	353	41	2	1	0.00	0.08	0
OC-516840325+	CO29488	0.41	6 1-	20 N FUSE	0	0	3114	353	27	1	9	0.00	0.08	0
CO29489+	OC-516840325	0.46	6 1-	1/0ACSR	0	0	3070	352	27	1	1	0.00	0.08	0
CO29490+	CO29489	0.52	2 1-	1/0ACSR	0	0	3016	352	15	0	0	0.00	0.08	0
CO29491+	CO29490	0.57	0 1-	1/0ACSR	0	0	2971	351	0	0	0	0.00	0.08	0
CO29533+	CO29532	0.02	108 3-	750 MCM - 42 wi	3386	3508	3533	357	708	15	1	0.00	0.00	0
Stroke Run+	CO29533	0.02	108 3-	560 200WVE	3386	3508	3533	357	708	15	3	0.00	0.00	0
CO29460+	Stroke Run	0.03	108 3-	1/0CU	3379	3498	3523	357	708	15	5	0.00	0.00	0
CO29461+	CO29460	0.04	108 3-	1/0CU	3372	3485	3510	357	708	15	5	0.00	0.01	0
CO29462+	CO29461	0.17	108 3-	1/0CU	3297	3367	3388	356	708	15	5	0.01	0.02	12
CO29463+	CO29462	0.29	108 3-	1/0CU	3226	3260	3273	355	707	15	5	0.01	0.03	11
CO29464+	CO29463	0.34	108 3-	1/0CU	3197	3218	3228	355	707	15	5	0.00	0.03	5
CO29453+	CO29464	0.40	1 1-	4ACSR	0	0	3160	353	11	0	1	0.00	0.03	0
CO29465+	CO29464	1.51	107 3-	1/0CU	2644	2582	2440	346	696	15	5	0.11	0.14	103
CO29466+	CO29465	1.96	107 3-	1/0CU	2473	2392	2223	343	696	15	5	0.04	0.18	40
CO30503+	CO29466	3.04	107 3-	336ACSR	2188	2083	1871	338	696	15	3	0.06	0.24	47
CO28617+	CO30503	3.18	105 3-	336ACSR	2156	2049	1835	337	695	15	3	0.01	0.24	6
CO28619+	CO28617	3.55	105 3-	336ACSR	2076	1966	1747	336	695	15	3	0.02	0.26	16
CO28600+	CO28619	3.97	105 3-	1/0CU	1975	1861	1640	333	695	15	5	0.04	0.30	37
CO28649+	CO28600	4.46	28 3-	1/0CU	1866	1750	1529	329	211	4	2	0.01	0.31	4
CO28628+	CO28649	5.11	28 3-	1/0CU	1738	1620	1401	325	211	4	2	0.02	0.33	5
CO28615+	CO28628	5.18	1 1-	1/0PRIURD	0	0	1388	693	6	0	0	0.00	0.33	0
CO28627+	CO28628	5.15	1 1-	2ACSR	0	0	1392	324	16	1	1	0.00	0.33	0
CO28629+	CO28628	5.21	26 3-	1/0CU	1719	1602	1384	324	189	4	1	0.00	0.33	0
CO28630+	CO28629	5.64	26 3-	1/0CU	1645	1528	1312	321	189	4	1	0.01	0.34	3
CO28650+	CO28630	5.69	25 3-	1/0CU	1638	1521	1306	321	170	3	1	0.00	0.34	0
CO28651+	CO28650	5.76	23 3-	1/0CU	1626	1509	1294	320	170	3	1	0.00	0.34	0
CO28652+	CO28651	5.86	21 3-	1/0CU	1610	1492	1279	320	159	3	1	0.00	0.35	0
CO28608+	CO28652	5.96	1 1-	1/0CU	0	0	1265	319	19	1	0	0.00	0.35	0
CO28654+	CO28652	5.93	20 3-	1/0CU	1600	1482	1269	319	141	3	1	0.00	0.35	0
CO28655+	CO28654	5.95	19 3-	1/0CU	1597	1479	1266	319	126	2	1	0.00	0.35	0
CO28613+	CO28655	5.99	1 1-	1/0CU	0	0	1259	319	14	0	0	0.00	0.35	0
CO28640+	CO28655	5.97	18 3-	1/0CU	1593	1476	1263	319	112	2	1	0.00	0.35	0
CO28609+	CO28640	6.06	1 1-	1/0CU	0	0	1250	318	5	0	0	0.00	0.35	0
CO28664+	CO28640	5.98	17 3-	1/0CU	1592	1475	1262	319	107	2	1	0.00	0.35	0
OC892+	CO28664	5.98	17 3-	50 E OCR	1592	1475	1262	319	107	2	5	0.00	0.35	0
CO28665+	OC892	6.03	17 3-	1/0CU	1584	1466	1254	319	107	2	1	0.00	0.35	0
CO28601+	CO28665	6.19	16 3-	1/0CU	1559	1442	1231	317	107	2	1	0.00	0.35	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28602+	CO28601	6.48	13 3-	1/0CU	1518	1405	1193	316	72	1	1	0.00	0.35	0
CO414124720+	CO28602	6.58	8 3-	2ACSR	1497	1387	1175	314	38	0	0	0.00	0.35	0
CO1659916219+	CO414124720	6.63	1 1-	2ACSR	0	0	1165	313	10	0	0	0.00	0.35	0
CO-1676138749+	CO414124720	6.89	7 3-	2ACSR	1435	1333	1121	310	28	0	0	0.00	0.36	0
CO28656+	CO-1676138749	6.90	3 1-	6ACWC	0	0	1119	310	8	0	0	0.00	0.36	0
OC886+	CO28656	6.90	3 1-	10 N FUSE	0	0	1119	310	8	0	6	0.00	0.36	0
CO28657+	OC886	7.22	3 1-	6ACWC	0	0	1058	304	8	0	0	0.00	0.36	0
CO28636+	CO28657	7.36	3 1-	4ACSR	0	0	1033	302	8	0	0	0.00	0.36	0
CO28638+	CO28636	7.44	2 1-	4ACSR	0	0	1018	300	8	0	0	0.00	0.36	0
CO28639+	CO28638	7.52	1 1-	4ACSR	0	0	1004	299	5	0	0	0.00	0.36	0
CO28637+	CO28636	7.47	1 1-	2ACSR	0	0	1016	300	0	0	0	0.00	0.36	0
CO28632+	CO28657	7.27	0 1-	750 MCM - 42 Wi	0	0	1055	304	0	0	0	0.00	0.36	0
CO28633+	CO28632	7.55	0 1-	750 MCM - 42 Wi	0	0	1036	303	0	0	0	0.00	0.36	0
CO30422+	CO-1676138749	7.08	4 3-	1/0CU	1411	1311	1099	309	20	0	0	0.00	0.36	0
CO30427+	CO30422	7.41	3 1-	6ACWC	0	0	1038	303	9	0	1	0.00	0.36	0
CO1965823862+	CO30427	7.76	1 1-	1/0PRIURD	8	0	999	579	8	0	0	0.00	0.36	0
CO28401+	CO30422	7.27	1 3-	1/0CU	1388	1289	1078	308	11	0	0	0.00	0.36	0
CO-699657242+	CO28401	7.39	1 3-	2ACSR	1366	1270	1059	306	11	0	0	0.00	0.36	0
CO1187689468+	CO-699657242	7.49	1 3-	2ACSR	1349	1254	1044	305	11	0	0	0.00	0.36	0
CO277846335+	CO-699657242	7.42	0 3-	2ACSR	1361	1265	1055	306	0	0	0	0.00	0.36	0
SW868-B+	CO277846335	7.42	0 3-	Open	1361	1265	1055	306	0	0	0	0.00	0.36	0
CO28658+	CO28602	6.48	4 1-	6ACWC	0	0	1192	315	19	1	1	0.00	0.35	0
OC887+	CO28658	6.48	4 1-	10 N FUSE	0	0	1192	315	19	1	13	0.00	0.35	0
CO28659+	OC887	6.63	4 1-	6ACWC	0	0	1159	313	19	1	1	0.00	0.36	0
CO28653+	CO28659	6.66	3 1-	6ACWC	0	0	1154	312	12	0	1	0.00	0.36	0
CO28603+	CO28653	6.93	0 1-	6ACWC	0	0	1100	307	0	0	0	0.00	0.36	0
CO28611+	CO28653	6.72	3 1-	6ACWC	0	0	1142	311	12	0	1	0.00	0.36	0
CO28612+	CO28602	6.53	1 1-	1/0CU	0	0	1186	315	15	1	0	0.00	0.35	0
CO28660+	CO28601	6.20	3 1-	4ACSR	0	0	1230	317	34	2	2	0.00	0.35	0
OC888+	CO28660	6.20	3 1-	10 N FUSE	0	0	1230	317	34	2	23	0.00	0.35	0
CO28661+	OC888	6.30	3 1-	4ACSR	0	0	1205	315	34	2	2	0.01	0.36	0
CO28641+	CO28661	6.39	3 1-	4ACSR	0	0	1186	314	34	2	2	0.00	0.36	0
CO28642+	CO28641	6.43	2 1-	4ACSR	0	0	1177	313	24	1	1	0.00	0.36	0
CO28647+	CO28642	6.51	1 1-	4ACSR	0	0	1160	311	13	0	1	0.00	0.36	0
CO28616+	CO28647	6.61	1 1-	2ACSR	0	0	1143	310	13	0	0	0.00	0.36	0
CO28648+	CO28647	6.56	0 1-	4ACSR	0	0	1149	310	0	0	0	0.00	0.36	0
CO28631+	CO28648	6.69	0 1-	4ACSR	0	0	1123	308	0	0	0	0.00	0.36	0
CO28614+	CO28641	6.55	1 1-	2ACSR	0	0	1158	312	10	0	0	0.00	0.36	0
CO28610+	CO28665	6.17	0 1-	1/0CU	0	0	1234	318	0	0	0	0.00	0.35	0
CO28643+	CO28630	5.90	1 1-	1/0CU	0	0	1274	319	19	1	0	0.00	0.34	0
CO28645+	CO28643	6.06	1 1-	2ACSR	0	0	1240	317	19	1	1	0.00	0.35	0
CO28646+	CO28645	6.22	1 1-	2ACSR	0	0	1209	315	19	1	1	0.00	0.35	0
CO28644+	CO28643	6.02	0 1-	1/0CU	0	0	1256	319	0	0	0	0.00	0.34	0
CO28620+	CO28600	4.04	5 1-	6ACWC	0	0	1611	331	31	2	1	0.00	0.30	0
CO28621+	CO28620	4.11	3 1-	6ACWC	0	0	1586	330	15	1	1	0.00	0.31	0
CO28605+	CO28621	4.22	1 1-	4ACSR	0	0	1544	328	12	0	1	0.00	0.31	0
CO28622+	CO28621	4.25	2 1-	6ACWC	0	0	1536	327	4	0	0	0.00	0.31	0
CO28623+	CO28622	4.43	2 1-	6ACWC	0	0	1473	324	4	0	0	0.00	0.31	0
CO28606+	CO28623	4.48	1 1-	4ACSR	0	0	1454	322	1	0	0	0.00	0.31	0
CO28624+	CO28623	4.54	1 1-	6ACWC	0	0	1437	321	2	0	0	0.00	0.31	0
CO28625+	CO28624	4.70	1 1-	6ACWC	0	0	1386	318	2	0	0	0.00	0.31	0
CO28662+	CO28600	3.97	72 1-	6ACWC	0	0	1638	333	453	30	22	0.00	0.31	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC889+	CO28662	3.97	72 1-	70 L OCR	0	0	1638	333	453	30	44	0.00	0.31	0
XFMR75	OC889	3.97	72 1-	333 KVA 1PH AUT	0	0	990	175	453	30	134	1.13	1.43	0
CO28663	XFMR75	4.17	72 1-	6ACWC	0	0	945	172	453	61	44	0.55	1.98	401
CO28607	CO28663	4.38	1 1-	6ACWC	0	0	900	170	3	0	0	0.00	1.98	0
CO28626	CO28663	4.41	71 1-	6ACWC	0	0	893	170	449	61	44	0.66	2.65	482
CO30421	CO28626	4.94	71 1-	6ACWC	0	0	787	164	446	61	44	1.44	4.09	1046
CO28269	CO30421	5.00	70 1-	6ACWC	0	0	775	164	441	61	44	0.18	4.27	128
CO28243	CO28269	5.19	2 1-	6ACWC	0	0	742	162	4	0	0	0.00	4.27	0
CO28285	CO28243	5.42	2 1-	6ACWC	0	0	705	160	4	0	0	0.00	4.27	0
CO28214	CO28285	5.50	2 1-	6ACWC	0	0	692	159	4	0	0	0.00	4.28	0
CO28286	CO28214	5.79	0 1-	6ACWC	0	0	649	156	0	0	0	0.00	4.28	0
CO28259	CO28214	5.59	1 1-	6ACWC	0	0	678	158	1	0	0	0.00	4.28	0
CO28260	CO28259	5.71	0 1-	6ACWC	0	0	660	157	0	0	0	0.00	4.28	0
CO28246	CO28285	5.80	0 1-	6ACWC	0	0	648	156	0	0	0	0.00	4.27	0
CO28247	CO28246	6.02	0 1-	6ACWC	0	0	618	154	0	0	0	0.00	4.27	0
CO28211	CO28269	5.05	67 1-	6ACWC	0	0	767	163	429	59	43	0.13	4.39	91
CO28225	CO28211	5.17	0 1-	6ACWC	0	0	745	162	0	0	0	0.00	4.39	0
CO28213	CO28211	5.33	67 1-	6ACWC	0	0	718	160	428	59	43	0.75	5.14	528
CO28212	CO28213	5.41	67 1-	6ACWC	0	0	705	160	426	59	43	0.22	5.36	154
CO28267	CO28212	5.53	61 1-	6ACWC	0	0	688	159	385	54	39	0.27	5.63	172
CO28268	CO28267	5.57	60 1-	6ACWC	0	0	681	158	384	54	39	0.11	5.73	68
CO28203	CO28268	5.68	38 1-	6ACWC	0	0	664	157	202	28	20	0.15	5.88	49
CO28218	CO28203	5.73	1 1-	6ACWC	0	0	657	157	3	0	0	0.00	5.88	0
CO28204	CO28203	5.86	37 1-	6ACWC	0	0	639	155	198	27	20	0.22	6.10	74
CO28273	CO28204	6.22	36 1-	6ACWC	0	0	593	152	196	27	20	0.44	6.54	145
CO28274	CO28273	6.26	35 1-	6ACWC	0	0	588	152	196	27	20	0.05	6.59	15
CO28239	CO28274	6.37	34 1-	6ACWC	0	0	575	151	195	27	20	0.14	6.73	46
CO28205	CO28239	6.44	33 1-	6ACWC	0	0	567	150	195	27	20	0.08	6.81	28
CO28207	CO28205	6.82	0 1-	6ACWC	0	0	527	147	0	0	0	0.00	6.81	0
CO28287	CO28207	7.21	0 1-	6ACWC	0	0	491	144	0	0	0	0.00	6.81	0
CO28244	CO28287	7.49	0 1-	6ACWC	0	0	467	142	0	0	0	0.00	6.81	0
CO28208	CO28207	6.89	0 1-	6ACWC	0	0	520	147	0	0	0	0.00	6.81	0
CO28221	CO28208	6.95	0 1-	6ACWC	0	0	515	146	0	0	0	0.00	6.81	0
CO28258	CO28208	6.98	0 1-	6ACWC	0	0	512	146	0	0	0	0.00	6.81	0
CO28278	CO28258	7.02	0 1-	6ACWC	0	0	508	145	0	0	0	0.00	6.81	0
CO28279	CO28278	7.07	0 1-	6ACWC	0	0	504	145	0	0	0	0.00	6.81	0
CO28206	CO28205	6.51	33 1-	6ACWC	0	0	560	150	194	27	20	0.08	6.89	26
CO28222	CO28206	6.54	1 1-	6ACWC	0	0	556	149	10	1	1	0.00	6.89	0
CO28210	CO28206	6.57	32 1-	6ACWC	0	0	552	149	184	26	19	0.08	6.97	25
CO28209	CO28210	6.73	32 1-	6ACWC	0	0	536	148	184	26	19	0.18	7.15	55
CO28240	CO28209	6.76	30 1-	6ACWC	0	0	533	148	178	25	18	0.04	7.19	10
CO28241	CO28240	6.81	29 1-	6ACWC	0	0	528	147	167	23	17	0.05	7.24	14
CO28242	CO28241	6.94	29 1-	6ACWC	0	0	515	146	167	23	17	0.14	7.38	39
CO30376	CO28242	7.18	29 1-	6ACWC	0	0	494	144	167	23	17	0.25	7.63	70
CO26105	CO30376	7.57	28 1-	6ACWC	0	0	462	141	162	23	17	0.40	8.03	110
CO26129	CO26105	7.57	26 1-	6ACWC	0	0	461	141	150	21	15	0.01	8.03	0
OC793	CO26129	7.57	26 1-	25 H OCR	0	0	461	141	150	21	86	0.00	8.03	0
CO26130	OC793	7.61	26 1-	6ACWC	0	0	458	141	150	21	15	0.04	8.07	9
CO26103	CO26130	7.67	26 1-	6ACWC	0	0	453	140	150	21	15	0.06	8.13	15
CO26104	CO26103	7.93	24 1-	6ACWC	0	0	435	139	145	20	15	0.24	8.37	59
CO26067	CO26104	8.11	21 1-	6ACWC	0	0	422	137	132	19	14	0.15	8.52	35
CO26083	CO26067	8.12	2 1-	6ACWC	0	0	422	137	8	1	1	0.00	8.52	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26101	CO26083	8.19	2 1-	6ACWC	0	0	417	137	8	1	1	0.00	8.52	0
CO26102	CO26101	8.28	2 1-	6ACWC	0	0	412	136	8	1	1	0.00	8.53	0
CO26068	CO26067	8.75	19 1-	6ACWC	0	0	384	133	124	17	13	0.51	9.03	108
CO26074	CO26068	8.83	3 1-	6ACWC	0	0	380	132	15	2	2	0.00	9.03	0
CO26094	CO26068	8.88	5 1-	6ACWC	0	0	377	132	21	3	2	0.01	9.04	0
CO26095	CO26094	8.93	2 1-	6ACWC	0	0	374	132	1	0	0	0.00	9.04	0
CO26096	CO26095	9.07	1 1-	6ACWC	0	0	367	131	0	0	0	0.00	9.04	0
CO26093	CO26094	8.93	2 1-	6ACWC	0	0	374	132	15	2	2	0.00	9.05	0
CO26087	CO26068	8.91	11 1-	6ACWC	0	0	375	132	87	12	9	0.09	9.11	12
CO26127	CO26087	9.03	0 1-	6ACWC	0	0	369	131	0	0	0	0.00	9.11	0
CO26128	CO26127	9.40	0 1-	6ACWC	0	0	351	129	0	0	0	0.00	9.11	0
CO26071	CO26087	8.99	10 1-	6ACWC	0	0	371	131	79	11	8	0.04	9.15	5
CO26070	CO26071	9.61	4 1-	6ACWC	0	0	341	127	34	4	4	0.14	9.29	8
CO26075	CO26070	9.68	1 1-	6ACWC	0	0	338	127	4	0	0	0.00	9.29	0
CO26106	CO26070	9.70	3 1-	6ACWC	0	0	337	127	30	4	3	0.02	9.31	0
CO30377	CO26106	10.07	2 1-	6ACWC	0	0	322	125	28	4	3	0.03	9.34	0
CO28245	CO30377	10.13	1 1-	6ACWC	0	0	320	124	0	0	0	0.00	9.34	0
CO26069	CO26071	9.06	6 1-	6ACWC	0	0	367	131	45	6	5	0.02	9.17	0
CO26086	CO26069	9.22	3 1-	6ACWC	0	0	360	130	20	2	2	0.02	9.19	0
CO26107	CO26086	9.41	2 1-	6ACWC	0	0	350	128	11	1	1	0.01	9.20	0
CO26108	CO26107	9.54	1 1-	6ACWC	0	0	344	128	1	0	0	0.00	9.20	0
CO26100	CO26108	9.68	0 1-	6ACWC	0	0	338	127	0	0	0	0.00	9.20	0
CO26099	CO26108	9.64	1 1-	2ACSR	0	0	341	127	1	0	0	0.00	9.20	0
CO26084	CO26069	9.10	3 1-	6ACWC	0	0	365	131	25	3	3	0.00	9.18	0
CO26085	CO26084	9.16	1 1-	6ACWC	0	0	363	130	7	1	1	0.00	9.18	0
CO26073	CO26104	8.07	2 1-	6ACWC	0	0	425	138	12	1	1	0.01	8.37	0
CO26091	CO26104	8.18	1 1-	6ACWC	0	0	418	137	0	0	0	0.00	8.37	0
CO26092	CO26091	8.25	1 1-	6ACWC	0	0	413	136	0	0	0	0.00	8.37	0
CO26072	CO26105	7.60	2 1-	6ACWC	0	0	459	141	12	1	1	0.00	8.03	0
CO28224	CO28209	6.84	1 1-	6ACWC	0	0	525	147	3	0	0	0.00	7.15	0
CO28223	CO28210	6.69	0 1-	6ACWC	0	0	540	148	0	0	0	0.00	6.97	0
CO28220	CO28239	6.43	1 1-	6ACWC	0	0	568	150	0	0	0	0.00	6.73	0
CO28219	CO28204	5.90	1 1-	6ACWC	0	0	634	155	1	0	0	0.00	6.10	0
CO28283	CO28268	5.58	22 1-	6ACWC	0	0	680	158	182	25	18	0.01	5.74	2
OC866	CO28283	5.58	22 1-	25 H OCR	0	0	680	158	182	25	103	0.00	5.74	0
CO28284	OC866	5.77	22 1-	6ACWC	0	0	651	156	182	25	18	0.22	5.96	67
CO28266	CO28284	5.80	21 1-	6ACWC	0	0	647	156	181	25	18	0.03	5.99	10
CO28231	CO28266	6.00	21 1-	6ACWC	0	0	621	154	181	25	18	0.22	6.21	67
CO28217	CO28231	6.11	1 1-	6ACWC	0	0	606	153	12	1	1	0.00	6.22	0
CO28275	CO28231	6.06	20 1-	6ACWC	0	0	612	154	169	23	17	0.07	6.29	20
CO28276	CO28275	6.14	19 1-	6ACWC	0	0	603	153	162	22	16	0.08	6.36	21
CO28277	CO28276	6.32	19 1-	6ACWC	0	0	581	151	162	22	16	0.18	6.54	50
CO28262	CO28277	6.39	16 1-	6ACWC	0	0	572	151	127	17	13	0.06	6.60	12
CO28263	CO28262	6.53	14 1-	6ACWC	0	0	557	150	118	16	12	0.10	6.71	21
CO28228	CO28263	6.56	4 1-	6ACWC	0	0	554	149	13	1	1	0.00	6.71	0
CO28227	CO28228	6.63	3 1-	2ACSR	0	0	548	149	9	1	1	0.00	6.71	0
CO28254	CO28263	6.57	9 1-	6ACWC	0	0	553	149	86	12	9	0.02	6.73	3
CO28256	CO28254	6.61	1 1-	2ACSR	0	0	549	149	19	2	2	0.00	6.73	0
CO28255	CO28254	6.79	7 1-	6ACWC	0	0	530	147	60	8	6	0.08	6.81	8
CO28229	CO28255	6.92	2 1-	6ACWC	0	0	518	146	30	4	3	0.02	6.83	0
CO28280	CO28229	6.94	2 1-	6ACWC	0	0	515	146	30	4	3	0.00	6.84	0
CO28281	CO28280	7.24	2 1-	6ACWC	0	0	489	144	30	4	3	0.04	6.88	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28272	CO28281	7.25	1 1-	6ACWC	0	0	487	144	12	1	1	0.00	6.88	0
CO28230	CO28272	7.28	1 1-	6ACWC	0	0	484	143	12	1	1	0.00	6.88	0
CO151454372	CO28230	7.32	1 1-	2ACSR	0	0	482	143	12	1	1	0.00	6.88	0
CO-157283989	CO151454372	7.37	1 1-	1/0PRIURD	0	0	479	269	12	1	1	0.00	6.88	0
CO28216	CO28255	6.86	1 1-	6ACWC	0	0	524	147	2	0	0	0.00	6.81	0
CO28215	CO28255	7.07	1 1-	6ACWC	0	0	503	145	3	0	0	0.00	6.81	0
CO28248	CO28255	6.93	3 1-	6ACWC	0	0	516	146	24	3	2	0.02	6.83	0
CO28249	CO28248	6.95	2 1-	6ACWC	0	0	514	146	14	2	1	0.00	6.83	0
CO907513739	CO28249	7.00	1 1-	2ACSR	0	0	511	146	7	1	1	0.00	6.83	0
CO28250	CO28249	7.06	1 1-	6ACWC	0	0	504	145	7	0	1	0.00	6.83	0
CO28253	CO28263	6.65	1 1-	6ACWC	0	0	545	149	19	2	2	0.01	6.72	0
CO28252	CO28253	6.69	1 1-	6ACWC	0	0	540	148	19	2	2	0.00	6.72	0
CO28251	CO28277	6.37	3 1-	6ACWC	0	0	575	151	35	4	4	0.01	6.56	0
CO28270	CO28251	6.46	3 1-	6ACWC	0	0	565	150	35	4	4	0.02	6.57	0
CO28271	CO28270	6.55	2 1-	6ACWC	0	0	555	149	23	3	2	0.01	6.58	0
CO28232	CO28212	5.62	6 1-	6ACWC	0	0	674	158	40	5	4	0.05	5.41	3
CO28233	CO28232	5.65	6 1-	6ACWC	0	0	668	157	40	5	4	0.01	5.42	0
CO28257	CO28233	5.69	4 1-	6ACWC	0	0	663	157	24	3	2	0.00	5.42	0
CO28264	CO28257	5.72	3 1-	6ACWC	0	0	659	157	16	2	2	0.00	5.42	0
CO28265	CO28264	5.75	2 1-	6ACWC	0	0	654	156	12	1	1	0.00	5.43	0
CO28234	CO28233	5.88	2 1-	6ACWC	0	0	637	155	16	2	2	0.02	5.44	0
CO28235	CO28234	6.05	2 1-	6ACWC	0	0	614	154	16	2	2	0.01	5.45	0
CO28236	CO28235	6.10	1 1-	6ACWC	0	0	607	153	6	0	1	0.00	5.45	0
CO28237	CO28236	6.17	1 1-	6ACWC	0	0	599	153	6	0	1	0.00	5.46	0
CO28238	CO28237	6.21	1 1-	6ACWC	0	0	594	152	6	0	1	0.00	5.46	0
CO28226	CO28213	5.38	0 1-	6ACWC	0	0	711	160	0	0	0	0.00	5.14	0
CO28618+	CO28619	3.66	0 1-	4ACSR	0	0	1700	334	0	0	0	0.00	0.26	0
CO28634+	CO30503	3.16	2 1-	4ACSR	0	0	1815	336	0	0	0	0.00	0.24	0
CO28635+	CO28634	3.34	1 1-	4ACSR	0	0	1732	332	0	0	0	0.00	0.24	0
SUB	0 total losses:	\$124,141												

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
SUB	0 OAK RIDGE				2530	2704	2706	354	5908					
CO719616330+	OAK RIDGE	0.00	1308 3-	500 MCM ACSR 30	2529	2703	2705	353	5908	131	19	0.00	0.00	6
CO-1734132280+	CO719616330	0.01	1308 3-	500 MCM ACSR 30	2528	2700	2702	353	5908	131	19	0.00	0.00	13
CO2047314882+	CO-1734132280	0.01	178 3-	336ACSR	2527	2699	2700	353	653	14	3	0.00	0.00	0
Petersville+	CO2047314882	0.01	178 3-	560 200WVE	2527	2699	2700	353	653	14	3	0.00	0.00	0
CO2125450549+	Petersville	0.01	178 3-	336ACSR	2526	2698	2700	353	653	14	3	0.00	0.00	0
CO-82601623+	CO2125450549	0.06	178 3-	2ACSR	2504	2658	2661	353	653	14	8	0.01	0.01	10
CO-553448886+	CO-82601623	0.10	178 3-	2ACSR	2490	2632	2637	352	653	14	8	0.01	0.02	7
CO-718295770+	CO-553448886	0.14	178 3-	2ACSR	2469	2596	2602	351	653	14	8	0.01	0.03	9
CO565453414+	CO-718295770	0.20	178 3-	2ACSR	2443	2553	2559	351	653	14	8	0.01	0.04	12
CO18219+	CO565453414	0.33	1 3-	1/0ACSR	2394	2477	2481	349	10	0	0	0.00	0.04	0
CO18216+	CO565453414	0.21	177 3-	1/0ACSR	2439	2546	2552	350	643	14	6	0.00	0.04	0
CO18218+	CO18216	0.24	176 3-	1/0ACSR	2427	2527	2533	350	636	14	6	0.00	0.04	4
CO18217+	CO18218	0.38	174 3-	1/0ACSR	2373	2444	2446	349	635	14	6	0.02	0.06	16
CO18121+	CO18217	0.55	9 1-	4ACSR	0	0	2322	345	31	2	2	0.01	0.07	0
CO18289+	CO18121	0.58	1 1-	4ACSR	0	0	2297	344	6	0	0	0.00	0.07	0
CO18288+	CO18289	0.67	0 1-	4ACSR	0	0	2236	342	0	0	0	0.00	0.07	0
CO18234+	CO18121	0.64	8 1-	4ACSR	0	0	2256	343	26	1	1	0.00	0.07	0
CO18233+	CO18234	0.66	7 1-	4ACSR	0	0	2240	342	26	1	1	0.00	0.07	0
CO18156+	CO18233	0.78	1 1-	4ACSR	0	0	2162	340	4	0	0	0.00	0.08	0
CO18122+	CO18233	0.76	6 1-	4ACSR	0	0	2173	340	22	1	1	0.00	0.08	0
OC-1134605909+	CO18122	0.76	6 1-	20 N FUSE	0	0	2173	340	22	1	7	0.00	0.08	0
CO18291+	OC-1134605909	0.81	2 1-	4ACSR	0	0	2141	339	11	0	1	0.00	0.08	0
CO18290+	CO18291	0.88	2 1-	4ACSR	0	0	2090	338	11	0	1	0.00	0.08	0
CO18236+	OC-1134605909	1.00	4 1-	4ACSR	0	0	2016	335	11	0	1	0.00	0.08	0
CO18235+	CO18236	1.01	2 1-	4ACSR	0	0	2009	335	5	0	0	0.00	0.08	0
CO18237+	CO18235	1.14	2 1-	4ACSR	0	0	1930	332	5	0	0	0.00	0.08	0
CO18283+	CO18237	1.24	2 1-	4ACSR	0	0	1875	330	5	0	0	0.00	0.08	0
CO18287+	CO18283	1.28	2 1-	4ACSR	0	0	1854	330	5	0	0	0.00	0.08	0
CO18284+	CO18287	1.45	2 1-	4ACSR	0	0	1763	326	5	0	0	0.00	0.08	0
CO18286+	CO18284	1.48	2 1-	4ACSR	0	0	1746	325	5	0	0	0.00	0.08	0
CO18285+	CO18286	1.50	1 1-	4ACSR	0	0	1734	325	2	0	0	0.00	0.08	0
CO18282+	CO18285	1.30	0 1-	4ACSR	0	0	1843	329	0	0	0	0.00	0.08	0
CO30632+	CO18282	1.44	0 1-	4ACSR	0	0	1765	326	0	0	0	0.00	0.08	0
CO30631+	CO18217	0.86	165 3-	1/0ACSR	2198	2200	2181	344	603	13	6	0.06	0.12	52
CO7848+	CO30631	1.01	165 3-	1/0ACSR	2147	2134	2107	342	603	13	6	0.02	0.14	16
CO7857+	CO7848	1.20	9 1-	4ACSR	0	0	1994	338	42	2	2	0.01	0.15	0
CO7856+	CO7857	1.26	8 1-	4ACSR	0	0	1962	337	39	2	2	0.00	0.15	0
CO7922+	CO7856	1.32	6 1-	4ACSR	0	0	1930	336	23	1	1	0.00	0.16	0
CO7920+	CO7922	1.41	3 1-	4ACSR	0	0	1878	334	13	0	1	0.00	0.16	0
CO7921+	CO7920	1.49	1 1-	4ACSR	0	0	1838	332	2	0	0	0.00	0.16	0
CO7806+	CO7856	1.31	1 1-	4ACSR	0	0	1932	336	7	0	0	0.00	0.15	0
CO7850+	CO7806	1.10	155 3-	1/0ACSR	2120	2101	2069	341	560	12	6	0.01	0.15	8
CO7849+	CO7850	1.21	155 3-	1/0ACSR	2085	2058	2020	340	560	12	6	0.01	0.16	10
CO7851+	CO7849	1.27	153 3-	1/0ACSR	2066	2035	1994	339	548	12	5	0.01	0.17	5
CO7855+	CO7851	1.31	152 3-	1/0ACSR	2052	2019	1975	339	544	12	5	0.00	0.17	4
CO7852+	CO7855	1.36	152 3-	1/0ACSR	2036	2000	1953	338	544	12	5	0.01	0.18	5
CO7854+	CO7852	1.39	151 3-	1/0ACSR	2028	1990	1942	338	543	12	5	0.00	0.18	2
CO7853+	CO7854	1.43	150 3-	1/0ACSR	2017	1977	1927	338	535	12	5	0.00	0.18	3
CO7793+	CO7853	1.47	149 3-	1/0ACSR	2003	1961	1908	337	529	12	5	0.00	0.19	4
CO7825+	CO7793	1.53	148 3-	1/0ACSR	1987	1943	1887	337	528	11	5	0.01	0.20	4

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7826+	CO7825	1.59	147 3-	1/0ACSR	1968	1921	1863	336	521	11	5	0.01	0.20	5
CO7923+	CO7826	1.67	4 1-	4ACSR	0	0	1825	335	34	2	2	0.00	0.21	0
CO7925+	CO7923	1.73	4 1-	4ACSR	0	0	1794	333	34	2	2	0.00	0.21	0
CO7926+	CO7925	1.74	3 1-	4ACSR	0	0	1788	333	29	1	1	0.00	0.21	0
CO7924+	CO7926	1.84	1 1-	4ACSR	0	0	1743	331	3	0	0	0.00	0.21	0
CO7821+	CO7925	1.78	1 1-	4ACSR	0	0	1771	332	5	0	0	0.00	0.21	0
CO7859+	CO7826	1.70	141 3-	1/0ACSR	1937	1885	1822	335	484	11	5	0.01	0.21	7
CO7858+	CO7859	1.85	139 3-	1/0ACSR	1896	1839	1769	333	469	10	5	0.01	0.23	10
CO7794+	CO7858	1.91	138 3-	1/0ACSR	1881	1822	1750	333	464	10	5	0.01	0.23	4
CO7866+	CO7794	1.97	136 3-	1/0ACSR	1865	1805	1730	332	462	10	5	0.01	0.24	4
CO7865+	CO7866	2.02	135 3-	1/0ACSR	1851	1789	1712	332	462	10	5	0.01	0.24	4
CO7930+	CO7865	2.07	1 1-	4ACSR	0	0	1690	331	0	0	0	0.00	0.24	0
CO7927+	CO7930	2.22	1 1-	4ACSR	0	0	1626	328	0	0	0	0.00	0.24	0
CO7929+	CO7927	2.32	1 1-	4ACSR	0	0	1588	326	0	0	0	0.00	0.24	0
CO7928+	CO7929	2.39	1 1-	4ACSR	0	0	1562	324	0	0	0	0.00	0.24	0
CO7860+	CO7865	2.07	134 3-	1/0ACSR	1839	1778	1698	331	462	10	5	0.00	0.25	3
CO7864+	CO7860	2.15	134 3-	1/0ACSR	1819	1757	1673	331	462	10	5	0.01	0.25	5
CO7861+	CO7864	2.25	134 3-	1/0ACSR	1793	1729	1641	330	462	10	5	0.01	0.26	7
CO7863+	CO7861	2.31	133 3-	1/0ACSR	1780	1715	1625	329	452	10	4	0.00	0.27	3
CO7862+	CO7863	2.38	132 3-	1/0ACSR	1762	1696	1603	328	449	10	4	0.01	0.28	4
CO7937+	CO7862	2.39	77 1-	6ACWC	0	0	1601	328	290	19	14	0.00	0.28	0
OC210+	CO7937	2.39	77 1-	35 E OCR	0	0	1601	328	290	19	57	0.00	0.28	0
CO7938+	OC210	2.46	77 1-	6ACWC	0	0	1574	327	290	19	14	0.03	0.31	14
CO7867+	CO7938	2.83	77 1-	6ACWC	0	0	1442	320	290	19	14	0.17	0.48	77
AU8	CO7867	2.83	77 1-	167 KVA 1PH AUT	0	0	673	170	290	19	171	1.28	1.75	0
CO7799	AU8	2.91	75 1-	6ACWC	0	0	664	169	278	38	27	0.14	1.90	63
CO7898	CO7799	2.94	75 1-	6ACWC	0	0	660	169	278	38	27	0.06	1.95	26
CO7897	CO7898	3.10	75 1-	6ACWC	0	0	644	167	278	38	27	0.26	2.22	118
CO7899	CO7897	3.41	75 1-	6ACWC	0	0	613	164	277	38	27	0.53	2.75	239
CO7796	CO7899	3.53	71 1-	4ACSR	0	0	600	162	269	37	27	0.20	2.96	89
CO7939	CO7796	3.54	6 1-	4ACSR	0	0	600	162	8	1	1	0.00	2.96	0
OC206	CO7939	3.54	6 1-	15 H OCR	0	0	600	162	8	1	7	0.00	2.96	0
CO7940	OC206	3.88	6 1-	4ACSR	0	0	567	159	8	1	1	0.02	2.97	0
CO7868	CO7940	4.07	6 1-	4ACSR	0	0	549	157	8	1	1	0.01	2.98	0
CO7869	CO7868	4.17	6 1-	4ACSR	0	0	540	156	8	1	1	0.00	2.99	0
CO8374	CO7869	4.36	6 1-	4ACSR	0	0	524	154	8	1	1	0.01	3.00	0
CO7347	CO8374	4.40	5 1-	4ACSR	0	0	521	154	7	0	1	0.00	3.00	0
CO7348	CO7347	4.48	5 1-	4ACSR	0	0	513	153	7	0	1	0.00	3.00	0
CO7427	CO7348	4.53	4 1-	4ACSR	0	0	509	153	4	0	0	0.00	3.00	0
CO7428	CO7427	4.58	3 1-	4ACSR	0	0	505	152	4	0	0	0.00	3.00	0
CO7410	CO7428	4.60	3 1-	4ACSR	0	0	503	152	4	0	0	0.00	3.00	0
CO7411	CO7410	4.69	2 1-	4ACSR	0	0	497	151	3	0	0	0.00	3.00	0
CO7350	CO7411	4.84	2 1-	4ACSR	0	0	485	150	3	0	0	0.00	3.01	0
CO7349	CO7350	4.92	1 1-	4ACSR	0	0	479	149	3	0	0	0.00	3.01	0
CO8364	CO7349	5.16	1 1-	4ACSR	0	0	462	147	3	0	0	0.00	3.01	0
CO7112	CO8364	5.21	0 1-	4ACSR	0	0	458	147	0	0	0	0.00	3.01	0
CO7113	CO7112	5.26	0 1-	4ACSR	0	0	455	147	0	0	0	0.00	3.01	0
CO7323	CO8374	4.45	1 1-	2ACSR	0	0	517	154	1	0	0	0.00	3.00	0
CO7815	CO7868	4.14	0 1-	4ACSR	0	0	543	156	0	0	0	0.00	2.98	0
CO7797	CO7796	3.70	63 1-	4ACSR	0	0	584	161	257	35	25	0.28	3.23	115
CO7798	CO7797	3.85	62 1-	2ACSR	0	0	571	160	252	35	19	0.17	3.40	65
CO-1543981962	CO7798	3.88	1 1-	2ACSR	0	0	569	159	2	0	0	0.00	3.40	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23997104	CO7798	4.19	59 1-	2ACSR	0	0	545	157	247	34	19	0.37	3.77	142
CO7943	CO23997104	4.20	51 1-	4ACSR	0	0	544	157	216	30	21	0.01	3.78	3
OC207	CO7943	4.20	51 1-	20 N FUSE	0	0	544	157	216	30	150	0.00	3.78	0
CO7944	OC207	4.27	51 1-	4ACSR	0	0	538	157	216	30	21	0.09	3.87	33
CO7891	CO7944	4.37	50 1-	4ACSR	0	0	529	156	208	29	21	0.14	4.01	47
CO7892	CO7891	4.47	49 1-	4ACSR	0	0	521	155	208	29	21	0.13	4.14	44
CO7890	CO7892	4.50	48 1-	4ACSR	0	0	519	154	205	28	20	0.03	4.17	10
CO7888	CO7890	4.63	48 1-	4ACSR	0	0	508	153	205	28	20	0.17	4.33	55
CO7889	CO7888	4.72	45 1-	4ACSR	0	0	500	152	199	27	20	0.12	4.46	41
CO7932	CO7889	4.79	2 1-	4ACSR	0	0	495	152	19	2	2	0.01	4.46	0
CO7931	CO7932	4.86	1 1-	4ACSR	0	0	490	151	12	1	1	0.00	4.47	0
CO8376	CO7931	4.98	1 1-	4ACSR	0	0	481	150	12	1	1	0.01	4.48	0
CO7379	CO8376	5.08	1 1-	4ACSR	0	0	474	149	12	1	1	0.00	4.48	0
CO7894	CO7889	4.84	43 1-	4ACSR	0	0	492	151	180	25	18	0.13	4.58	38
CO7893	CO7894	4.89	42 1-	4ACSR	0	0	488	151	175	24	18	0.06	4.64	16
CO7896	CO7893	4.96	41 1-	4ACSR	0	0	482	150	173	24	17	0.08	4.72	23
CO7895	CO7896	5.20	38 1-	4ACSR	0	0	465	148	158	22	16	0.24	4.96	62
CO7945	CO7895	5.49	37 1-	4ACSR	0	0	445	146	157	22	16	0.29	5.25	75
CO8375	CO7945	5.58	37 1-	4ACSR	0	0	439	145	157	22	16	0.09	5.33	23
CO7373	CO8375	5.89	37 1-	4ACSR	0	0	420	143	157	22	16	0.32	5.65	83
CO-1763450846	CO7373	6.05	19 1-	2ACSR	0	0	412	142	81	11	6	0.06	5.71	7
OC-88637280	CO-1763450846	6.05	19 1-	15 H OCR	0	0	412	142	81	11	77	0.00	5.71	0
CO781684917	OC-88637280	6.08	0 1-	2ACSR	0	0	411	141	0	0	0	0.00	5.71	0
CO-41078503	OC-88637280	6.18	19 1-	2ACSR	0	0	406	141	81	11	6	0.05	5.76	6
CO-1612884665	CO-41078503	6.35	19 1-	2ACSR	0	0	398	140	81	11	6	0.06	5.82	8
CO-251152504	CO-1612884665	6.48	19 1-	2ACSR	0	0	392	139	81	11	6	0.05	5.87	6
CO-1409394140	CO-251152504	6.55	19 1-	2ACSR	0	0	390	139	81	11	6	0.02	5.89	3
CO1557642705	CO-1409394140	6.60	1 1-	1/0PRIURD	0	0	388	247	6	0	1	0.00	5.89	0
CO-1525207547	CO-1409394140	6.71	18 1-	2ACSR	0	0	383	138	75	10	6	0.05	5.94	7
CO7368	CO-1525207547	6.78	17 1-	4ACSR	0	0	379	138	73	10	7	0.03	5.98	4
CO7369	CO7368	6.84	17 1-	4ACSR	0	0	376	137	73	10	7	0.03	6.01	4
CO7421	CO7369	6.85	17 1-	4ACSR	0	0	376	137	73	10	7	0.00	6.01	0
CO7420	CO7421	6.87	17 1-	4ACSR	0	0	375	137	73	10	7	0.01	6.02	0
CO7370	CO7420	6.91	16 1-	4ACSR	0	0	373	137	73	10	7	0.02	6.04	2
CO7367	CO7370	7.05	16 1-	4ACSR	0	0	366	136	73	10	7	0.06	6.10	8
CO7371	CO7367	7.24	15 1-	4ACSR	0	0	357	134	70	9	7	0.08	6.18	9
CO7372	CO7371	7.29	14 1-	4ACSR	0	0	355	134	63	8	6	0.02	6.20	0
CO1478459136	CO7372	7.33	1 1-	2ACSR	0	0	354	134	6	0	0	0.00	6.20	0
CO7366	CO7372	7.34	12 1-	4ACSR	0	0	353	134	57	8	6	0.02	6.22	0
CO7363	CO7366	7.44	8 1-	4ACSR	0	0	348	133	36	5	4	0.02	6.24	0
CO7364	CO7363	7.72	8 1-	4ACSR	0	0	337	131	36	5	4	0.05	6.29	3
CO7362	CO7364	7.78	7 1-	4ACSR	0	0	334	131	19	2	2	0.01	6.30	0
CO7365	CO7362	7.87	6 1-	4ACSR	0	0	331	130	9	1	1	0.01	6.31	0
OC132552985	CO7365	7.87	6 1-	20 N FUSE	0	0	331	130	9	1	7	0.00	6.31	0
CO7415	OC132552985	7.88	6 1-	4ACSR	0	0	330	130	9	1	1	0.00	6.31	0
CO7430	CO7415	8.06	6 1-	4ACSR	0	0	323	129	9	1	1	0.01	6.32	0
CO7429	CO7430	8.14	1 1-	4ACSR	0	0	320	128	4	0	0	0.00	6.32	0
CO7329	CO7430	8.16	3 1-	4ACSR	0	0	320	128	5	0	1	0.00	6.32	0
CO7426	CO7329	8.34	3 1-	4ACSR	0	0	313	127	5	0	1	0.01	6.33	0
CO7434	CO7426	8.67	3 1-	4ACSR	0	0	301	125	5	0	1	0.01	6.34	0
CO7354	CO7434	8.73	2 1-	4ACSR	0	0	299	125	5	0	1	0.00	6.34	0
CO7318	CO7354	8.84	0 1-	4ACSR	0	0	296	124	0	0	0	0.00	6.34	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8342	CO7354	9.17	2 1-	4ACSR	0	0	285	122	5	0	1	0.01	6.35	0
CO6352	CO8342	9.38	1 1-	4ACSR	0	0	279	121	4	0	0	0.00	6.36	0
CO7319	CO7362	7.83	1 1-	4ACSR	0	0	332	130	10	1	1	0.00	6.30	0
CO7325	CO7366	7.49	3 1-	4ACSR	0	0	346	133	13	1	1	0.01	6.24	0
CO7326	CO7325	7.55	2 1-	4ACSR	0	0	344	132	2	0	0	0.00	6.24	0
CO7320	CO7325	7.54	1 1-	4ACSR	0	0	344	132	11	1	1	0.00	6.24	0
CO7321	CO7366	7.41	1 1-	4ACSR	0	0	350	133	8	1	1	0.00	6.22	0
CO7322	CO-1525207547	6.77	1 1-	2ACSR	0	0	380	138	2	0	0	0.00	5.94	0
CO7309	CO7373	6.08	18 1-	4ACSR	0	0	408	141	75	10	8	0.09	5.74	12
CO7398	CO7309	6.14	12 1-	4ACSR	0	0	405	141	61	8	6	0.02	5.77	2
OC1450221225	CO7398	6.14	11 1-	20 N FUSE	0	0	405	141	59	8	42	0.00	5.77	0
CO8378	OC1450221225	6.29	11 1-	4ACSR	0	0	397	139	59	8	6	0.06	5.82	6
CO7827	CO8378	6.34	11 1-	4ACSR	0	0	394	139	59	8	6	0.02	5.84	0
CO7829	CO7827	6.54	10 1-	4ACSR	0	0	384	138	56	7	6	0.07	5.91	6
CO7828	CO7829	6.61	9 1-	4ACSR	0	0	380	137	48	6	5	0.02	5.93	0
CO7918	CO7828	6.65	2 1-	4ACSR	0	0	378	137	1	0	0	0.00	5.93	0
CO7917	CO7918	6.75	2 1-	4ACSR	0	0	373	136	1	0	0	0.00	5.93	0
CO7847	CO7828	6.94	5 1-	4ACSR	0	0	364	135	42	5	4	0.09	6.02	6
CO7844	CO7847	7.00	5 1-	4ACSR	0	0	361	134	42	5	4	0.02	6.03	0
CO7846	CO7844	7.13	5 1-	4ACSR	0	0	355	133	42	5	4	0.04	6.07	3
CO7845	CO7846	7.20	5 1-	4ACSR	0	0	352	133	42	5	4	0.02	6.09	0
CO7946	CO7845	7.26	3 1-	4ACSR	0	0	349	132	27	3	3	0.01	6.10	0
CO7933	CO7946	7.33	3 1-	4ACSR	0	0	346	132	27	3	3	0.01	6.10	0
CO7805	CO7845	7.23	2 1-	4ACSR	0	0	350	133	14	2	1	0.00	6.09	0
CO7823	CO7805	7.29	1 1-	1/0PRIURD	0	0	349	228	5	0	0	0.00	6.09	0
CO7396	CO7309	6.20	5 1-	4ACSR	0	0	402	140	14	1	1	0.01	5.75	0
CO7397	CO7396	6.31	4 1-	4ACSR	0	0	396	139	5	0	0	0.00	5.76	0
CO7394	CO7397	6.63	4 1-	4ACSR	0	0	379	137	5	0	0	0.01	5.76	0
CO7395	CO7394	6.71	3 1-	4ACSR	0	0	375	136	4	0	0	0.00	5.77	0
CO7327	CO7395	6.73	0 1-	4ACSR	0	0	374	136	0	0	0	0.00	5.77	0
CO7328	CO7327	6.96	0 1-	4ACSR	0	0	363	135	0	0	0	0.00	5.77	0
CO8373	CO7328	7.39	0 1-	4ACSR	0	0	343	132	0	0	0	0.00	5.77	0
CO7313	CO7395	6.80	2 1-	4ACSR	0	0	370	136	0	0	0	0.00	5.77	0
CO7380	CO7309	6.14	1 1-	4ACSR	0	0	405	141	0	0	0	0.00	5.74	0
OC1690233099	CO7380	6.14	1 1-	20 N FUSE	0	0	405	141	0	0	0	0.00	5.74	0
CO7381	OC1690233099	6.21	1 1-	4ACSR	0	0	401	140	0	0	0	0.00	5.74	0
CO7819	CO7893	4.96	1 1-	4ACSR	0	0	483	150	2	0	0	0.00	4.64	0
CO7818	CO7889	4.80	0 1-	4ACSR	0	0	494	152	0	0	0	0.00	4.46	0
CO7941	CO23997104	4.20	8 1-	4ACSR	0	0	544	157	31	4	3	0.00	3.77	0
OC209	CO7941	4.20	8 1-	15 H OCR	0	0	544	157	31	4	28	0.00	3.77	0
CO7942	OC209	4.31	8 1-	4ACSR	0	0	535	156	31	4	3	0.02	3.79	0
CO7870	CO7942	4.48	8 1-	4ACSR	0	0	520	155	31	4	3	0.03	3.82	0
CO7871	CO7870	4.93	6 1-	4ACSR	0	0	484	151	21	2	2	0.06	3.88	0
CO7874	CO7871	5.22	6 1-	4ACSR	0	0	464	148	21	2	2	0.04	3.91	0
CO7873	CO7874	5.31	5 1-	4ACSR	0	0	457	147	21	2	2	0.01	3.93	0
CO7872	CO7873	5.37	5 1-	4ACSR	0	0	453	147	21	2	2	0.01	3.93	0
CO7948	CO7872	5.56	2 1-	4ACSR	0	0	441	145	11	1	1	0.01	3.95	0
CO7878	CO7948	5.74	2 1-	4ACSR	0	0	429	144	11	1	1	0.01	3.96	0
CO7947	CO7878	5.91	0 1-	4ACSR	0	0	418	142	0	0	0	0.00	3.96	0
CO7877	CO7947	6.13	0 1-	4ACSR	0	0	405	141	0	0	0	0.00	3.96	0
CO7875	CO7877	6.23	0 1-	4ACSR	0	0	400	140	0	0	0	0.00	3.96	0
CO7876	CO7875	6.32	0 1-	4ACSR	0	0	395	139	0	0	0	0.00	3.96	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO848925995	CO7878	5.78	1 1-	2ACSR	0	0	427	144	7	0	1	0.00	3.96	0
CO-474374516	CO848925995	5.93	1 1-	2ACSR	0	0	420	143	7	0	1	0.00	3.96	0
CO7801	CO7872	5.46	3 1-	4ACSR	0	0	447	146	10	1	1	0.01	3.94	0
CO7800	CO7801	5.63	3 1-	4ACSR	0	0	436	145	10	1	1	0.01	3.95	0
CO7887	CO7800	5.70	2 1-	4ACSR	0	0	431	144	6	0	1	0.00	3.95	0
CO7886	CO7887	5.76	1 1-	4ACSR	0	0	428	144	1	0	0	0.00	3.95	0
CO7882	CO7886	5.80	1 1-	4ACSR	0	0	425	143	1	0	0	0.00	3.95	0
CO7885	CO7882	5.90	1 1-	4ACSR	0	0	419	142	1	0	0	0.00	3.95	0
CO7883	CO7885	5.95	1 1-	4ACSR	0	0	416	142	1	0	0	0.00	3.95	0
CO7884	CO7883	6.07	1 1-	4ACSR	0	0	409	141	1	0	0	0.00	3.95	0
CO7879	CO7800	5.72	1 1-	4ACSR	0	0	430	144	4	0	0	0.00	3.95	0
CO7881	CO7879	6.00	1 1-	4ACSR	0	0	413	142	4	0	0	0.01	3.96	0
CO7880	CO7881	6.06	1 1-	4ACSR	0	0	409	141	4	0	0	0.00	3.96	0
CO7822	CO7801	5.50	0 1-	4ACSR	0	0	444	146	0	0	0	0.00	3.94	0
CO7817	CO7870	4.51	0 1-	4ACSR	0	0	517	154	0	0	0	0.00	3.82	0
CO7816	CO7797	3.78	1 1-	4ACSR	0	0	576	160	4	0	0	0.00	3.23	0
CO7814	CO7899	3.44	1 1-	4ACSR	0	0	610	163	6	0	1	0.00	2.75	0
CO7820	AU8	2.89	1 1-	6ACWC	0	0	666	169	11	1	1	0.00	1.76	0
CO7813	AU8	2.96	1 1-	4ACSR	0	0	659	168	1	0	0	0.00	1.75	0
CO7795+	CO7862	2.42	53 1-	4ACSR	0	0	1588	327	152	10	7	0.01	0.29	2
CO7936+	CO7795	2.43	53 1-	4ACSR	0	0	1585	327	152	10	7	0.00	0.29	0
OC208+	CO7936	2.43	53 1-	25 E OCR	0	0	1585	327	152	10	41	0.00	0.29	0
XFMR94	OC208	2.43	53 1-	167 KVA 1PH AUT	0	0	683	171	152	10	89	0.63	0.92	0
CO8366	XFMR94	2.50	53 1-	4ACSR	0	0	676	170	152	20	15	0.07	0.99	16
CO7276	CO8366	2.54	48 1-	4ACSR	0	0	671	170	141	19	14	0.04	1.02	8
CO7277	CO7276	2.67	47 1-	4ACSR	0	0	657	168	137	18	13	0.11	1.13	24
CO7267	CO7277	2.76	45 1-	4ACSR	0	0	648	167	124	16	12	0.07	1.20	13
CO7274	CO7267	2.84	43 1-	4ACSR	0	0	640	166	121	16	12	0.06	1.26	11
CO7275	CO7274	2.86	42 1-	4ACSR	0	0	637	166	121	16	12	0.02	1.28	4
CO7227	CO7275	3.02	1 1-	4ACSR	0	0	622	165	0	0	0	0.00	1.28	0
CO7215	CO7275	2.92	41 1-	4ACSR	0	0	631	166	121	16	12	0.04	1.32	9
CO7265	CO7215	3.14	3 1-	4ACSR	0	0	609	163	10	1	1	0.01	1.33	0
CO7266	CO7265	3.23	2 1-	4ACSR	0	0	599	162	4	0	0	0.00	1.33	0
CO7271	CO7266	3.28	2 1-	4ACSR	0	0	595	162	4	0	0	0.00	1.33	0
CO7272	CO7271	3.39	1 1-	4ACSR	0	0	585	161	1	0	0	0.00	1.33	0
CO7273	CO7272	3.41	1 1-	4ACSR	0	0	582	161	1	0	0	0.00	1.33	0
CO30633	CO7273	3.53	1 1-	4ACSR	0	0	571	159	1	0	0	0.00	1.33	0
CO17878	CO30633	3.56	0 1-	4ACSR	0	0	568	159	0	0	0	0.00	1.33	0
CO7228	CO7266	3.33	0 1-	4ACSR	0	0	590	161	0	0	0	0.00	1.33	0
CO7263	CO7215	3.18	36 1-	4ACSR	0	0	605	163	108	14	11	0.17	1.49	29
OC1925326286	CO7263	3.18	36 1-	20 N FUSE	0	0	605	163	108	14	74	0.00	1.49	0
CO7264	OC1925326286	3.33	36 1-	4ACSR	0	0	590	161	108	14	11	0.10	1.59	17
CO7262	CO7264	3.40	35 1-	4ACSR	0	0	583	161	104	14	10	0.05	1.64	8
CO7261	CO7262	3.54	34 1-	4ACSR	0	0	570	159	100	13	10	0.08	1.72	13
CO7299	CO7261	3.64	2 1-	4ACSR	0	0	561	158	2	0	0	0.00	1.72	0
CO7300	CO7299	3.74	1 1-	4ACSR	0	0	551	157	2	0	0	0.00	1.72	0
CO7230	CO7299	3.77	0 1-	4ACSR	0	0	549	157	0	0	0	0.00	1.72	0
CO7269	CO7261	3.65	31 1-	4ACSR	0	0	560	158	93	12	9	0.06	1.78	9
CO-2119693640	CO7269	3.66	1 1-	2ACSR	0	0	558	158	5	0	0	0.00	1.78	0
CO7270	CO7269	3.71	29 1-	4ACSR	0	0	554	158	85	11	8	0.03	1.82	5
CO614878801	CO7270	3.75	28 1-	2ACSR	0	0	551	157	84	11	6	0.02	1.83	0
CO1592662183	CO614878801	3.82	1 1-	2ACSR	0	0	546	157	9	1	1	0.00	1.83	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-1527876602	CO614878801	3.81	27 1-	2ACSR	0	0	546	157	74	10	6	0.02	1.85	2
CO30635	CO-1527876602	4.10	26 1-	4ACSR	0	0	521	154	64	8	6	0.12	1.97	12
CO17933	CO30635	4.20	1 1-	4ACSR	0	0	513	153	2	0	0	0.00	1.97	0
CO17932	CO17933	4.42	1 1-	4ACSR	0	0	495	151	2	0	0	0.00	1.97	0
CO17879	CO30635	4.18	25 1-	4ACSR	0	0	514	153	62	8	6	0.03	2.00	3
CO17880	CO17879	4.51	24 1-	4ACSR	0	0	488	151	58	7	6	0.12	2.12	11
CO17881	CO17880	4.57	14 1-	4ACSR	0	0	484	150	44	6	4	0.02	2.13	0
CO17883	CO17881	4.60	14 1-	4ACSR	0	0	481	150	44	6	4	0.01	2.14	0
CO17882	CO17883	4.62	13 1-	4ACSR	0	0	480	150	43	5	4	0.00	2.14	0
CO17837	CO17882	4.93	0 1-	4ACSR	0	0	457	147	0	0	0	0.00	2.14	0
OC-790856815	CO17837	4.93	0 1-	20 N FUSE	0	0	457	147	0	0	0	0.00	2.14	0
CO7259	OC-790856815	5.08	0 1-	4ACSR	0	0	447	146	0	0	0	0.00	2.14	0
CO7260	CO7259	5.43	0 1-	4ACSR	0	0	425	143	0	0	0	0.00	2.14	0
CO17834	CO17882	4.73	13 1-	4ACSR	0	0	472	149	43	5	4	0.03	2.17	0
CO17849	CO17834	4.81	1 1-	4ACSR	0	0	466	148	0	0	0	0.00	2.17	0
CO17835	CO17834	5.00	12 1-	4ACSR	0	0	453	146	43	5	4	0.07	2.25	5
CO17949	CO17835	5.07	8 1-	4ACSR	0	0	448	146	40	5	4	0.02	2.26	0
CO17892	CO17949	5.19	8 1-	4ACSR	0	0	440	145	40	5	4	0.03	2.29	0
CO17893	CO17892	5.29	8 1-	4ACSR	0	0	433	144	40	5	4	0.02	2.32	0
CO17852	CO17893	5.43	1 1-	4ACSR	0	0	425	143	5	0	0	0.00	2.32	0
CO17838	CO17893	5.62	7 1-	4ACSR	0	0	413	141	35	4	3	0.07	2.39	4
CO17936	CO17838	5.68	3 1-	4ACSR	0	0	410	141	7	0	1	0.00	2.39	0
CO17935	CO17936	5.71	2 1-	4ACSR	0	0	408	141	3	0	0	0.00	2.39	0
CO17934	CO17935	5.85	1 1-	4ACSR	0	0	400	140	0	0	0	0.00	2.39	0
CO17895	CO17838	5.72	4 1-	4ACSR	0	0	407	141	28	3	3	0.02	2.41	0
CO17894	CO17895	5.82	3 1-	4ACSR	0	0	402	140	25	3	2	0.02	2.42	0
CO17896	CO17894	5.84	3 1-	4ACSR	0	0	401	140	25	3	2	0.00	2.42	0
CO17853	CO17896	5.95	1 1-	4ACSR	0	0	395	139	8	1	1	0.00	2.43	0
CO17839	CO17896	5.95	2 1-	4ACSR	0	0	394	139	17	2	2	0.01	2.44	0
CO17937	CO17839	6.03	1 1-	4ACSR	0	0	390	138	10	1	1	0.00	2.44	0
CO17938	CO17937	6.06	0 1-	4ACSR	0	0	388	138	0	0	0	0.00	2.44	0
CO17897	CO17839	6.09	1 1-	4ACSR	0	0	387	138	7	0	1	0.00	2.44	0
CO17953	CO17897	6.10	0 1-	4ACSR	0	0	386	138	0	0	0	0.00	2.44	0
CO17851	CO17835	5.06	2 1-	4ACSR	0	0	449	146	3	0	0	0.00	2.25	0
CO1475328904	CO17851	5.14	1 1-	2ACSR	0	0	444	145	0	0	0	0.00	2.25	0
CO17850	CO17835	5.11	2 1-	4ACSR	0	0	446	145	0	0	0	0.00	2.25	0
CO17836	CO17880	4.67	10 1-	4ACSR	0	0	477	149	14	1	1	0.01	2.13	0
OC-1635791643	CO17836	4.67	9 1-	20 N FUSE	0	0	477	149	9	1	6	0.00	2.13	0
CO30546	OC-1635791643	4.80	8 1-	4ACSR	0	0	467	148	4	0	0	0.00	2.13	0
CO17884	CO30546	5.14	7 1-	4ACSR	0	0	443	145	4	0	0	0.01	2.14	0
CO17886	CO17884	5.33	6 1-	4ACSR	0	0	431	144	3	0	0	0.00	2.14	0
CO17888	CO17886	5.37	6 1-	4ACSR	0	0	429	143	3	0	0	0.00	2.14	0
CO17889	CO17888	5.51	5 1-	4ACSR	0	0	420	142	3	0	0	0.00	2.15	0
CO17887	CO17889	5.57	4 1-	4ACSR	0	0	416	142	3	0	0	0.00	2.15	0
CO17885	CO17887	5.69	4 1-	4ACSR	0	0	409	141	3	0	0	0.00	2.15	0
CO17891	CO17885	5.73	4 1-	4ACSR	0	0	407	141	3	0	0	0.00	2.15	0
CO17890	CO17891	5.87	2 1-	4ACSR	0	0	399	139	0	0	0	0.00	2.15	0
CO17847	CO17884	5.19	1 1-	4ACSR	0	0	440	145	0	0	0	0.00	2.14	0
CO17848	OC-1635791643	4.74	1 1-	4ACSR	0	0	471	149	4	0	0	0.00	2.13	0
CO30634	CO-1527876602	3.89	1 1-	4ACSR	0	0	539	156	10	1	1	0.00	1.85	0
CO7229	CO7261	3.61	1 1-	4ACSR	0	0	563	159	5	0	0	0.00	1.72	0
CO7226	CO7277	2.73	1 1-	4ACSR	0	0	651	168	9	1	1	0.00	1.13	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7216	CO8366	2.60	4 1-	4ACSR	0	0	665	169	8	1	1	0.01	0.99	0
CO7278	CO7216	2.64	1 1-	4ACSR	0	0	660	169	0	0	0	0.00	0.99	0
CO7279	CO7278	2.77	0 1-	4ACSR	0	0	647	167	0	0	0	0.00	0.99	0
CO7225	CO7216	2.69	1 1-	4ACSR	0	0	656	168	6	0	1	0.00	0.99	0
CO7224	CO7216	2.65	1 1-	4ACSR	0	0	660	168	3	0	0	0.00	0.99	0
CO8367	CO7216	2.68	1 1-	4ACSR	0	0	656	168	0	0	0	0.00	0.99	0
CO7812+	CO7794	1.93	2 1-	4ACSR	0	0	1738	332	1	0	0	0.00	0.23	0
CO7809+	CO7858	1.88	1 1-	4ACSR	0	0	1758	333	5	0	0	0.00	0.23	0
CO7808+	CO7826	1.63	1 1-	4ACSR	0	0	1844	335	3	0	0	0.00	0.20	0
CO7824+	CO7825	1.58	0 1-	2ACSR	0	0	1863	336	0	0	0	0.00	0.20	0
CO7810+	CO7793	1.50	1 1-	4ACSR	0	0	1896	337	1	0	0	0.00	0.19	0
CO7811+	CO7853	1.44	1 1-	4ACSR	0	0	1919	337	6	0	0	0.00	0.18	0
CO7807+	CO7849	1.28	1 1-	4ACSR	0	0	1976	338	2	0	0	0.00	0.16	0
CO200680386+	CO-1734132280	0.01	847 3-	336ACSR	2526	2698	2700	353	3989	89	17	0.00	0.00	6
Mud Lick+	CO200680386	0.01	847 3-	560 200WVE	2526	2698	2700	353	3989	89	16	0.00	0.00	0
CO-1354414182+	Mud Lick	0.01	847 3-	336ACSR	2526	2697	2699	353	3989	89	17	0.00	0.00	0
CO-1784601950+	CO-1354414182	0.03	847 3-	336ACSR	2520	2687	2688	353	3989	89	17	0.01	0.01	28
CO-1713277328+	CO-1784601950	0.06	847 3-	336ACSR	2511	2672	2673	353	3989	89	17	0.01	0.02	42
OC-1200071603+	CO-1713277328	0.06	847 3-	20 N FUSE	2511	2672	2673	353	3989	89	446	0.00	0.02	0
CO-1976254140+	OC-1200071603	0.11	847 3-	336ACSR	2499	2652	2652	353	3989	89	17	0.01	0.03	59
CO724499187+	CO-1976254140	0.18	847 3-	336ACSR	2477	2616	2615	353	3989	89	17	0.02	0.05	104
CO-1310199621+	CO724499187	0.27	847 3-	336ACSR	2450	2572	2569	352	3988	89	17	0.03	0.08	134
CO-1768607243+	CO-1310199621	0.33	845 3-	336ACSR	2433	2546	2541	352	3973	88	17	0.02	0.10	84
CO1806433458+	CO-1768607243	0.43	845 3-	336ACSR	2408	2506	2498	352	3973	88	17	0.03	0.12	130
CO46310294+	CO1806433458	0.49	845 3-	336ACSR	2389	2477	2467	351	3972	88	17	0.02	0.14	96
CO-239871501+	CO46310294	0.64	845 3-	336ACSR	2350	2418	2403	351	3972	88	17	0.04	0.18	210
CO18154+	CO-239871501	0.68	2 1-	4ACSR	0	0	2377	350	9	0	0	0.00	0.18	0
CO18270+	CO-239871501	0.70	5 1-	4ACSR	0	0	2367	349	51	3	2	0.00	0.19	0
CO18269+	CO18270	0.74	4 1-	4ACSR	0	0	2337	348	40	2	2	0.00	0.19	0
CO18271+	CO18269	0.79	3 1-	4ACSR	0	0	2306	347	25	1	1	0.00	0.19	0
CO18277+	CO18271	0.83	1 1-	4ACSR	0	0	2276	346	19	1	1	0.00	0.19	0
CO18276+	CO18277	0.89	1 1-	4ACSR	0	0	2239	345	19	1	1	0.00	0.19	0
CO-483211641+	CO-239871501	0.69	838 3-	336ACSR	2338	2400	2384	350	3911	87	17	0.01	0.20	63
CO18120+	CO-483211641	0.77	28 1-	4ACSR	0	0	2331	349	144	9	7	0.02	0.21	4
CO18227+	CO18120	0.82	19 1-	4ACSR	0	0	2293	347	109	7	5	0.01	0.22	0
CO18226+	CO18227	0.91	17 1-	4ACSR	0	0	2239	346	85	5	4	0.01	0.23	0
CO18228+	CO18226	0.97	16 1-	4ACSR	0	0	2197	344	79	5	4	0.01	0.24	0
CO18281+	CO18228	1.00	6 1-	4ACSR	0	0	2176	343	29	1	1	0.00	0.24	0
CO18280+	CO18281	1.07	4 1-	4ACSR	0	0	2136	342	26	1	1	0.00	0.24	0
CO18278+	CO18280	1.12	1 1-	4ACSR	0	0	2101	341	7	0	0	0.00	0.24	0
CO18279+	CO18278	1.19	1 1-	4ACSR	0	0	2059	339	7	0	0	0.00	0.24	0
CO-1808754664+	CO18228	1.04	1 1-	4ACSR	0	0	2152	343	3	0	0	0.00	0.24	0
CO18232+	CO18228	1.04	8 1-	4ACSR	0	0	2151	343	45	3	2	0.00	0.24	0
CO18231+	CO18232	1.15	6 1-	4ACSR	0	0	2085	340	19	1	1	0.00	0.25	0
CO18155+	CO18231	1.21	1 1-	4ACSR	0	0	2046	339	5	0	0	0.00	0.25	0
CO18230+	CO18231	1.25	4 1-	4ACSR	0	0	2023	338	6	0	0	0.00	0.25	0
CO18229+	CO18230	1.26	2 1-	4ACSR	0	0	2014	338	1	0	0	0.00	0.25	0
CO30630+	CO18229	1.32	1 1-	4ACSR	0	0	1981	337	1	0	0	0.00	0.25	0
CO30629+	CO18229	1.31	1 1-	4ACSR	0	0	1987	337	0	0	0	0.00	0.25	0
CO7919+	CO30629	1.51	1 1-	4ACSR	0	0	1874	333	0	0	0	0.00	0.25	0
CO18225+	CO18120	0.95	8 1-	4ACSR	0	0	2210	345	26	1	1	0.01	0.22	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18224+	CO18225	1.05	8 1-	4ACSR	0	0	2145	342	26	1	1	0.00	0.22	0
CO18223+	CO18224	1.23	7 1-	4ACSR	0	0	2034	339	20	1	1	0.00	0.23	0
CO18308+	CO18223	1.33	5 1-	4ACSR	0	0	1973	336	13	0	1	0.00	0.23	0
CO18161+	CO18308	1.51	4 1-	4ACSR	0	0	1872	333	13	0	1	0.00	0.23	0
CO18125+	CO18161	1.58	2 1-	4ACSR	0	0	1836	331	8	0	0	0.00	0.23	0
CO18163+	CO18161	1.60	2 1-	4ACSR	0	0	1828	331	5	0	0	0.00	0.23	0
CO18162+	CO18163	1.79	0 1-	4ACSR	0	0	1731	327	0	0	0	0.00	0.23	0
CO18164+	CO18162	2.07	0 1-	4ACSR	0	0	1601	321	0	0	0	0.00	0.23	0
CO-1689429597+	CO-483211641	0.78	810 3-	336ACSR	2315	2367	2348	350	3767	84	16	0.02	0.22	113
CO1682207591+	CO-1689429597	0.82	810 3-	336ACSR	2303	2351	2329	350	3766	84	16	0.01	0.23	58
CO-1789048581+	CO1682207591	0.86	809 3-	336ACSR	2295	2339	2316	350	3756	84	16	0.01	0.24	42
CO324043569+	CO-1789048581	0.87	808 3-	336ACSR	2291	2334	2311	350	3756	84	16	0.00	0.24	17
CO-329783954+	CO324043569	0.92	808 3-	2ACSR	2273	2308	2284	349	3756	84	47	0.05	0.30	306
CO-638462304+	CO-329783954	0.97	808 3-	2ACSR	2252	2278	2252	348	3755	84	47	0.06	0.36	363
CO-1229226456+	CO-638462304	1.14	808 3-	2ACSR	2189	2191	2158	345	3753	84	47	0.18	0.54	1105
CO-503896271+	CO-1229226456	1.26	808 3-	2ACSR	2148	2138	2098	344	3748	84	47	0.12	0.66	733
CO43450411+	CO-503896271	1.34	808 3-	2ACSR	2119	2101	2058	343	3744	84	47	0.09	0.75	517
CO-1298887829+	CO43450411	1.43	808 3-	2ACSR	2086	2061	2012	341	3742	84	47	0.10	0.85	603
CO-9887830+	CO-1298887829	1.49	808 3-	2ACSR	2065	2036	1983	340	3739	84	47	0.06	0.91	379
CO18138+	CO-9887830	1.56	808 3-	336ACSR	2051	2019	1963	340	3737	84	16	0.02	0.93	87
FD-1541528997+	CO18138	1.56	808 3-	_DefaultBayEqui	2051	2019	1963	340	3737	84	0	0.00	0.93	0
CO18111+	FD-1541528997	1.69	808 3-	336ACSR	2024	1987	1925	339	3737	84	16	0.04	0.97	169
OC-1541528997+	CO18111	1.69	798 3-	20 N FUSE	2024	1987	1925	339	3709	83	418	0.00	0.97	0
CO18252+	OC-1541528997	1.79	798 3-	336ACSR	2004	1963	1898	339	3709	83	16	0.03	0.99	125
CO18251+	CO18252	1.87	0 1-	4ACSR	0	0	1862	337	0	0	0	0.00	0.99	0
OH119+	CO18252	1.98	798 3-	336ACSR	1968	1921	1849	338	3708	83	16	0.05	1.04	234
CO18139+	OH119	2.04	2 1-	4ACSR	0	0	1822	337	21	1	1	0.00	1.04	0
CO18186+	OH119	2.13	795 3-	336ACSR	1941	1890	1812	337	3686	83	16	0.04	1.08	179
CO18184+	CO18186	2.23	793 3-	336ACSR	1921	1868	1787	337	3671	82	16	0.03	1.11	128
CO18140+	CO18184	2.30	0 1-	4ACSR	0	0	1757	336	0	0	0	0.00	1.11	0
CO18182+	CO18184	2.28	791 3-	336ACSR	1914	1859	1776	337	3667	82	16	0.01	1.12	54
CO18183+	CO18182	2.34	791 3-	336ACSR	1903	1847	1762	337	3666	82	16	0.02	1.14	73
CO18180+	CO18183	2.44	789 3-	336ACSR	1885	1828	1739	336	3662	82	16	0.03	1.16	121
CO18181+	CO18180	2.58	789 3-	336ACSR	1861	1801	1708	336	3661	82	16	0.04	1.20	172
CO18115+	CO18181	2.78	789 3-	336ACSR	1828	1765	1666	335	3660	82	16	0.05	1.25	240
CO18145+	CO18115	2.81	3 1-	4ACSR	0	0	1653	334	15	1	1	0.00	1.25	0
OC1768367030+	CO18145	2.81	0 1-	20 N FUSE	0	0	1653	334	0	0	0	0.00	1.25	0
CO18109+	CO18115	2.85	786 3-	336ACSR	1816	1751	1650	334	3645	82	16	0.02	1.27	94
CO18108+	CO18109	2.96	784 3-	336ACSR	1799	1732	1629	334	3630	81	16	0.03	1.30	125
CO241435665+	CO18108	3.09	784 3-	336ACSR	1778	1710	1603	333	3630	81	16	0.03	1.33	158
CO18142+	CO241435665	3.12	1 1-	4ACSR	0	0	1594	333	2	0	0	0.00	1.33	0
CO1197239777+	CO241435665	3.16	783 3-	336ACSR	1767	1698	1589	333	3627	81	16	0.02	1.35	85
CO1892517991+	CO1197239777	3.23	777 3-	336ACSR	1757	1687	1577	333	3607	81	16	0.02	1.37	79
CO18107+	CO1892517991	3.25	0 1-	4ACSR	0	0	1568	332	0	0	0	0.00	1.37	0
CO18257+	CO1892517991	3.29	1 1-	4ACSR	0	0	1556	331	5	0	0	0.00	1.37	0
CO-851859443+	CO1892517991	3.29	776 3-	2ACSR	1741	1670	1557	332	3602	81	45	0.07	1.43	387
CO-404122802+	CO-851859443	3.42	776 3-	2ACSR	1708	1636	1519	330	3600	81	45	0.14	1.57	788
CO18114+	CO-404122802	3.55	1 1-	4ACSR	0	0	1477	327	9	0	0	0.00	1.57	0
CO18106+	CO18114	3.63	1 1-	4ACSR	0	0	1452	326	9	0	0	0.00	1.57	0
CO18133+	CO18106	3.68	1 1-	4ACSR	0	0	1434	325	9	0	0	0.00	1.57	0
CO18260+	CO-404122802	3.45	1 1-	4ACSR	0	0	1510	329	0	0	0	0.00	1.57	0
CO18259+	CO18260	3.66	0 1-	4ACSR	0	0	1443	325	0	0	0	0.00	1.57	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-70064061+	CO-404122802	3.47	774 3-	2ACSR	1697	1626	1507	329	3587	81	45	0.04	1.61	254
CO1649804364+	CO-70064061	3.60	774 3-	2ACSR	1665	1593	1470	327	3586	81	45	0.14	1.75	794
CO-286401003+	CO1649804364	3.67	774 3-	2ACSR	1648	1575	1450	326	3582	81	45	0.07	1.82	432
CO18387+	CO-286401003	3.74	0 1-	4ACSR	0	0	1428	325	0	0	0	0.00	1.82	0
CO18383+	CO-286401003	3.70	0 1-	4ACSR	0	0	1441	326	0	0	0	0.00	1.82	0
CO-558638009+	CO-286401003	3.73	774 3-	2ACSR	1634	1562	1435	326	3580	81	45	0.06	1.88	345
CO-1615577303+	CO-558638009	3.84	774 3-	2ACSR	1608	1536	1406	324	3578	81	45	0.12	2.00	673
CO1541617009+	CO-1615577303	3.98	774 3-	2ACSR	1577	1505	1372	322	3575	81	45	0.14	2.14	817
CO1893120864+	CO1541617009	4.01	774 3-	2ACSR	1569	1497	1363	322	3571	81	45	0.04	2.18	216
CO18460+	CO1893120864	4.09	3 1-	4ACSR	0	0	1342	320	15	1	1	0.00	2.18	0
CO155138717+	CO18460	4.22	1 1-	2ACSR	0	0	1312	318	11	0	0	0.00	2.18	0
CO1515841205+	CO155138717	4.31	1 1-	2ACSR	0	0	1291	317	11	0	0	0.00	2.18	0
CO-1459248121+	CO1893120864	4.08	771 3-	2ACSR	1555	1484	1348	321	3555	80	45	0.06	2.24	371
CO18384+	CO-1459248121	4.11	1 1-	4ACSR	0	0	1338	320	12	0	1	0.00	2.24	0
CO-430083823+	CO-1459248121	4.12	770 3-	2ACSR	1544	1473	1337	320	3542	80	45	0.05	2.29	288
CO-30654345+	CO-430083823	4.16	770 3-	2ACSR	1536	1466	1329	320	3541	80	45	0.04	2.33	206
CO951984323+	CO-30654345	4.20	770 3-	2ACSR	1527	1456	1318	319	3540	80	45	0.05	2.37	267
CO-797102952+	CO951984323	4.31	770 3-	2ACSR	1504	1434	1294	318	3538	80	45	0.11	2.48	635
CO438456954+	CO-797102952	4.44	770 3-	2ACSR	1477	1408	1266	316	3535	80	45	0.13	2.62	770
CO18453+	CO438456954	4.48	2 1-	4ACSR	0	0	1256	315	10	0	0	0.00	2.62	0
CO18555+	CO18453	4.55	1 1-	4ACSR	0	0	1240	314	2	0	0	0.00	2.62	0
CO18556+	CO18555	4.60	0 1-	4ACSR	0	0	1228	313	0	0	0	0.00	2.62	0
CO18454+	CO18556	4.65	0 1-	4ACSR	0	0	1214	312	0	0	0	0.00	2.62	0
CO-1649798379+	CO438456954	4.59	768 3-	2ACSR	1447	1380	1235	314	3522	80	45	0.15	2.77	862
CO-1747516234+	CO-1649798379	4.63	768 3-	2ACSR	1439	1372	1227	313	3518	80	45	0.04	2.81	242
CO1974357713+	CO-1747516234	4.74	768 3-	2ACSR	1418	1352	1206	312	3517	80	45	0.11	2.92	634
CO18558+	CO1974357713	4.76	768 3-	4ACSR	1412	1346	1200	311	3514	80	57	0.04	2.96	235
CO18557+	CO18558	4.80	764 3-	4ACSR	1404	1339	1192	311	3488	79	57	0.05	3.01	312
CO18483+	CO18557	4.83	652 3-	1/0ACSR	1399	1334	1186	311	3006	68	30	0.02	3.03	89
CO18564+	CO18483	4.86	651 3-	1/0ACSR	1394	1329	1181	310	2999	68	30	0.02	3.05	86
CO18563+	CO18564	5.05	650 3-	1/0ACSR	1366	1301	1152	309	2993	68	30	0.11	3.15	497
CO18465+	CO18563	5.14	2 1-	4ACSR	0	0	1133	307	8	0	0	0.00	3.16	0
OC1750396712+	CO18465	5.14	2 1-	20 N FUSE	0	0	1133	307	8	0	3	0.00	3.16	0
CO18466+	OC1750396712	5.22	1 1-	4ACSR	0	0	1116	306	3	0	0	0.00	3.16	0
CO18374+	OC1750396712	5.24	1 1-	4ACSR	0	0	1113	305	4	0	0	0.00	3.16	0
CO18544+	CO18563	5.12	644 3-	1/0ACSR	1356	1291	1142	308	2967	67	29	0.04	3.19	178
CO18543+	CO18544	5.18	644 3-	1/0ACSR	1346	1282	1133	307	2966	67	29	0.04	3.23	171
CO18472+	CO18543	5.21	642 3-	1/0ACSR	1341	1278	1128	307	2956	67	29	0.02	3.25	83
FD1333251345+	CO18472	5.21	641 3-	_DefaultBayEqui	1341	1278	1128	307	2944	67	0	0.00	3.25	0
CO18478+	FD1333251345	5.34	641 3-	1/0ACSR	1324	1260	1110	306	2944	67	29	0.07	3.32	325
OC1333251345+	CO18478	5.34	640 3-	20 N FUSE	1324	1260	1110	306	2932	67	335	0.00	3.32	0
CO18477+	OC1333251345	5.38	640 3-	1/0ACSR	1317	1254	1104	306	2932	67	29	0.03	3.34	117
CO18405+	CO18477	5.41	637 3-	1/0ACSR	1314	1251	1100	305	2928	66	29	0.01	3.36	58
CO18599+	CO18405	5.41	5 1-	4ACSR	0	0	1099	305	17	1	1	0.00	3.36	0
CO18598+	CO18599	5.56	5 1-	4ACSR	0	0	1070	303	17	1	1	0.00	3.36	0
CO18545+	CO18598	5.59	5 1-	4ACSR	0	0	1066	302	17	1	1	0.00	3.36	0
CO18353+	CO18545	5.61	1 1-	4ACSR	0	0	1062	302	1	0	0	0.00	3.36	0
CO18318+	CO18545	5.64	3 1-	4ACSR	0	0	1055	301	14	0	1	0.00	3.36	0
CO18547+	CO18318	5.67	2 1-	4ACSR	0	0	1049	301	10	0	0	0.00	3.36	0
CO18546+	CO18547	5.87	2 1-	4ACSR	0	0	1014	297	10	0	0	0.00	3.36	0
CO18403+	CO18546	6.19	1 1-	4ACSR	0	0	960	292	2	0	0	0.00	3.36	0
CO23846+	CO18403	6.39	1 1-	4ACSR	0	0	929	289	2	0	0	0.00	3.37	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18352+	CO18318	5.67	1 1-	4ACSR	0	0	1049	301	4	0	0	0.00	3.36	0
CO18323+	CO18405	5.45	631 3-	4/OACSR	1309	1246	1095	305	2906	66	20	0.01	3.37	58
CO18592+	CO18323	5.46	41 1-	4ACSR	0	0	1094	305	259	18	13	0.00	3.37	0
OC556+	CO18592	5.46	41 1-	25 L OCR	0	0	1094	305	259	18	74	0.00	3.37	0
CO18593+	OC556	5.49	41 1-	4ACSR	0	0	1089	305	259	18	13	0.01	3.38	5
CO18473+	CO18593	5.51	40 1-	4ACSR	0	0	1085	304	256	18	13	0.01	3.39	4
CO18474+	CO18473	5.53	38 1-	4ACSR	0	0	1079	304	248	17	13	0.01	3.40	5
AU-829774792	CO18474	5.53	37 1-	99 KVA 1PH AUTO	0	0	384	158	245	17	253	2.32	5.72	0
CO18548	AU-829774792	5.61	37 1-	4ACSR	0	0	381	158	245	34	25	0.12	5.84	48
CO18549	CO18548	5.73	36 1-	4ACSR	0	0	377	156	230	32	23	0.18	6.03	70
CO18364	CO18549	5.81	2 1-	4ACSR	0	0	375	156	11	1	1	0.00	6.03	0
CO18324	CO18549	5.79	34 1-	4ACSR	0	0	375	156	219	31	22	0.08	6.11	30
CO18406	CO18324	5.87	32 1-	4ACSR	0	0	373	155	216	30	22	0.11	6.21	38
CO18407	CO18406	5.89	32 1-	4ACSR	0	0	372	155	215	30	22	0.04	6.25	14
CO18565	CO18407	5.99	31 1-	4ACSR	0	0	369	154	213	30	22	0.12	6.37	39
CO18566	CO18565	6.06	28 1-	4ACSR	0	0	366	153	179	25	18	0.08	6.45	23
CO18408	CO18566	6.17	26 1-	4ACSR	0	0	363	152	164	23	17	0.12	6.57	33
CO18409	CO18408	6.33	9 1-	4ACSR	0	0	357	151	80	11	8	0.08	6.65	9
CO18579	CO18409	6.37	8 1-	4ACSR	0	0	356	150	59	8	6	0.01	6.66	0
CO18580	CO18579	6.40	7 1-	4ACSR	0	0	355	150	51	7	5	0.01	6.67	0
CO18410	CO18580	6.49	7 1-	4ACSR	0	0	352	149	51	7	5	0.03	6.70	2
CO18411	CO18410	6.54	7 1-	4ACSR	0	0	350	149	51	7	5	0.02	6.72	0
CO18468	CO18411	6.58	1 1-	2ACSR	0	0	349	149	3	0	0	0.00	6.72	0
CO18467	CO18411	6.62	1 1-	2ACSR	0	0	348	148	7	0	1	0.00	6.72	0
CO18368	CO18411	6.62	1 1-	4ACSR	0	0	348	148	3	0	0	0.00	6.72	0
CO18325	CO18411	6.66	4 1-	4ACSR	0	0	347	148	38	5	4	0.03	6.75	0
CO18412	CO18325	6.71	2 1-	4ACSR	0	0	345	147	12	1	1	0.00	6.75	0
CO18413	CO18412	6.88	2 1-	4ACSR	0	0	340	146	12	1	1	0.01	6.76	0
CO18449	CO18413	6.95	1 1-	4ACSR	0	0	337	145	0	0	0	0.00	6.76	0
CO18450	CO18449	7.02	1 1-	4ACSR	0	0	335	145	0	0	0	0.00	6.76	0
CO18370	CO18325	6.73	1 1-	4ACSR	0	0	344	147	15	2	2	0.00	6.75	0
CO18573	CO18408	6.24	16 1-	4ACSR	0	0	360	152	81	11	8	0.03	6.60	5
CO18574	CO18573	6.30	16 1-	4ACSR	0	0	358	151	81	11	8	0.04	6.64	5
CO18571	CO18574	6.35	1 1-	4ACSR	0	0	357	151	13	1	1	0.00	6.64	0
CO18572	CO18571	6.44	0 1-	4ACSR	0	0	353	150	0	0	0	0.00	6.64	0
CO18326	CO18574	6.45	15 1-	4ACSR	0	0	353	150	68	9	7	0.07	6.71	8
CO18451	CO18326	6.59	1 1-	4ACSR	0	0	349	148	5	0	1	0.00	6.71	0
CO18452	CO18451	6.64	1 1-	4ACSR	0	0	347	148	5	0	1	0.00	6.71	0
CO18414	CO18326	6.55	13 1-	4ACSR	0	0	350	149	63	8	6	0.04	6.75	4
CO18567	CO18414	6.85	13 1-	4ACSR	0	0	340	146	63	8	6	0.11	6.86	12
CO18568	CO18567	6.87	11 1-	4ACSR	0	0	340	146	55	7	6	0.01	6.87	0
CO18419	CO18568	7.00	10 1-	4ACSR	0	0	336	145	42	5	4	0.03	6.90	2
CO18420	CO18419	7.01	10 1-	4ACSR	0	0	335	145	42	5	4	0.00	6.90	0
CO18458	CO18420	7.03	1 1-	4ACSR	0	0	335	145	9	1	1	0.00	6.91	0
CO18601	CO18458	7.09	1 1-	4ACSR	0	0	333	144	9	1	1	0.00	6.91	0
CO18600	CO18420	7.12	9 1-	4ACSR	0	0	332	144	32	4	3	0.02	6.93	0
CO18402	CO18600	7.20	9 1-	4ACSR	0	0	330	143	32	4	3	0.02	6.94	0
CO18439	CO18402	7.24	1 1-	4ACSR	0	0	328	143	0	0	0	0.00	6.94	0
CO18440	CO18439	7.27	1 1-	4ACSR	0	0	327	143	0	0	0	0.00	6.94	0
CO18437	CO18402	7.39	2 1-	4ACSR	0	0	324	142	8	1	1	0.01	6.95	0
CO18438	CO18437	7.45	2 1-	4ACSR	0	0	322	141	8	1	1	0.00	6.96	0
CO18537	CO18402	7.33	6 1-	4ACSR	0	0	326	142	24	3	2	0.02	6.96	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18538	CO18537	7.44	5 1-	4ACSR	0	0	322	141	16	2	2	0.01	6.97	0
CO18445	CO18538	7.45	2 1-	4ACSR	0	0	322	141	0	0	0	0.00	6.97	0
CO18446	CO18445	7.45	1 1-	4ACSR	0	0	322	141	0	0	0	0.00	6.97	0
CO18447	CO18446	7.70	1 1-	4ACSR	0	0	315	139	0	0	0	0.00	6.97	0
CO18441	CO18538	7.51	3 1-	4ACSR	0	0	320	141	16	2	2	0.01	6.98	0
CO18442	CO18441	7.56	2 1-	4ACSR	0	0	319	140	16	2	2	0.01	6.99	0
CO18443	CO18442	7.59	2 1-	4ACSR	0	0	318	140	16	2	2	0.00	6.99	0
CO18444	CO18443	7.61	1 1-	4ACSR	0	0	317	140	2	0	0	0.00	6.99	0
CO18373	CO18568	6.93	0 1-	4ACSR	0	0	338	146	0	0	0	0.00	6.87	0
CO18372	CO18568	6.92	1 1-	4ACSR	0	0	338	146	13	1	1	0.00	6.87	0
CO18371	CO18326	6.68	0 1-	4ACSR	0	0	346	148	0	0	0	0.00	6.71	0
CO18367	CO18407	5.97	1 1-	4ACSR	0	0	369	154	2	0	0	0.00	6.25	0
CO18366	CO18324	5.87	1 1-	4ACSR	0	0	373	155	0	0	0	0.00	6.11	0
CO18365	CO18324	5.86	1 1-	4ACSR	0	0	373	155	3	0	0	0.00	6.11	0
CO18481+	CO18473	5.57	2 1-	2ACSR	0	0	1075	303	9	0	0	0.00	3.39	0
CO18482+	CO18481	5.60	2 1-	2ACSR	0	0	1070	303	9	0	0	0.00	3.39	0
CO18322+	CO18323	5.48	588 3-	4/0ACSR	1306	1243	1092	305	2624	59	18	0.01	3.38	31
CO18361+	CO18322	5.54	1 1-	4ACSR	0	0	1080	304	9	0	0	0.00	3.38	0
CO18360+	CO18322	5.51	2 1-	4ACSR	0	0	1088	305	2	0	0	0.00	3.38	0
CO18321+	CO18322	5.72	584 3-	4/0ACSR	1281	1219	1067	304	2612	59	18	0.06	3.44	241
CO18359+	CO18321	5.93	0 1-	4ACSR	0	0	1029	300	0	0	0	0.00	3.44	0
OC-2134406355+	CO18359	5.93	0 1-	20 N FUSE	0	0	1029	300	0	0	0	0.00	3.44	0
CO18320+	CO18321	5.84	582 3-	4/0ACSR	1269	1206	1054	303	2595	59	17	0.03	3.47	126
CO18358+	CO18320	6.09	3 1-	4ACSR	0	0	1010	299	6	0	0	0.00	3.48	0
OC1711727836+	CO18358	6.09	0 1-	20 N FUSE	0	0	1010	299	0	0	0	0.00	3.48	0
CO-497339426+	CO18320	5.92	579 3-	2ACSR	1256	1195	1042	302	2589	59	33	0.06	3.53	253
CO-2006086148+	CO-497339426	5.98	0 1-	2ACSR	0	0	1034	301	0	0	0	0.00	3.53	0
CO-739286836+	CO-497339426	5.95	579 3-	2ACSR	1252	1191	1039	302	2588	59	33	0.02	3.55	80
CO18550+	CO-739286836	5.99	579 3-	4/0ACSR	1249	1187	1035	301	2587	59	17	0.01	3.56	38
CO18583+	CO18550	5.99	8 1-	6ACWC	0	0	1034	301	45	3	2	0.00	3.56	0
OC551+	CO18583	5.99	8 1-	10 N FUSE	0	0	1034	301	45	3	31	0.00	3.56	0
CO18584+	OC551	6.20	8 1-	6ACWC	0	0	999	298	45	3	2	0.01	3.57	0
CO18469+	CO18584	6.30	7 1-	6ACWC	0	0	982	296	30	2	1	0.00	3.58	0
CO18470+	CO18469	6.43	5 1-	6ACWC	0	0	962	294	23	1	1	0.00	3.58	0
CO18404+	CO18470	6.50	5 1-	6ACWC	0	0	950	293	23	1	1	0.00	3.59	0
CO18463+	CO18404	6.67	3 1-	6ACWC	0	0	924	290	10	0	1	0.00	3.59	0
CO18464+	CO18463	6.71	1 1-	6ACWC	0	0	919	289	2	0	0	0.00	3.59	0
CO18357+	CO18463	6.71	2 1-	6ACWC	0	0	918	289	8	0	0	0.00	3.59	0
CO18356+	CO18404	6.60	1 1-	6ACWC	0	0	936	291	11	0	1	0.00	3.59	0
CO18388+	CO18469	6.33	2 1-	2ACSR	0	0	978	296	7	0	0	0.00	3.58	0
CO18552+	CO18550	6.01	571 3-	4/0ACSR	1247	1185	1033	301	2542	58	17	0.01	3.57	20
CO18554+	CO18552	6.07	571 3-	4/0ACSR	1241	1179	1027	301	2542	58	17	0.02	3.58	63
CO18553+	CO18554	6.21	569 3-	4/0ACSR	1228	1167	1014	300	2535	57	17	0.03	3.62	130
CO18355+	CO18553	6.26	1 1-	4ACSR	0	0	1004	299	0	0	0	0.00	3.62	0
OC-585519646+	CO18355	6.26	0 1-	20 N FUSE	0	0	1004	299	0	0	0	0.00	3.62	0
CO18319+	CO18553	6.28	567 3-	4/0ACSR	1221	1160	1007	300	2529	57	17	0.02	3.64	71
CO23812+	CO18319	6.37	565 3-	4/0ACSR	1213	1152	999	299	2525	57	17	0.02	3.66	82
CO19013+	CO23812	6.45	562 3-	4/0ACSR	1206	1145	992	299	2518	57	17	0.02	3.68	78
CO19012+	CO19013	6.63	562 3-	4/0ACSR	1189	1129	976	298	2518	57	17	0.05	3.73	176
CO18883+	CO19012	6.71	561 3-	4/0ACSR	1183	1123	969	298	2509	57	17	0.02	3.75	70
CO18909+	CO18883	7.03	7 1-	6ACWC	0	0	921	292	21	1	1	0.01	3.76	0
OC1520475103+	CO18909	7.03	7 1-	20 N FUSE	0	0	921	292	21	1	7	0.00	3.76	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19010+	OC1520475103	7.14	7 1-	6ACWC	0	0	906	290	21	1	1	0.00	3.76	0
CO19011+	CO19010	7.33	5 1-	6ACWC	0	0	880	287	17	1	1	0.00	3.77	0
CO18910+	CO19011	7.48	4 1-	6ACWC	0	0	861	285	17	1	1	0.00	3.77	0
CO18911+	CO18910	7.71	0 1-	6ACWC	0	0	831	281	0	0	0	0.00	3.77	0
CO18912+	CO18911	7.84	0 1-	6ACWC	0	0	816	279	0	0	0	0.00	3.77	0
CO18907+	CO19011	7.48	0 1-	6ACWC	0	0	861	285	0	0	0	0.00	3.77	0
CO18908+	CO18907	8.08	0 1-	6ACWC	0	0	789	276	0	0	0	0.00	3.77	0
CO18882+	CO18883	6.74	554 3-	4/0ACSR	1180	1119	966	297	2488	56	17	0.01	3.76	35
CO18986+	CO18882	6.84	554 3-	4/0ACSR	1171	1111	958	297	2487	56	17	0.02	3.78	91
CO18985+	CO18986	6.90	553 3-	4/0ACSR	1167	1107	953	297	2480	56	17	0.01	3.79	49
CO-1860564231+	CO18985	6.93	551 3-	2ACSR	1161	1102	948	296	2456	56	31	0.03	3.82	112
CO1941927171+	CO-1860564231	7.01	1 1-	2ACSR	0	0	939	295	2	0	0	0.00	3.82	0
CO579321958+	CO-1860564231	7.07	550 3-	2ACSR	1144	1086	933	295	2454	56	31	0.09	3.91	378
CO19028+	CO579321958	7.07	15 3-	6ACWC	1143	1085	932	294	59	1	1	0.00	3.91	0
CO19029+	CO19028	7.09	15 3-	6ACWC	1140	1082	929	294	59	1	1	0.00	3.92	0
CO19030+	CO19029	7.15	14 3-	1/0ACSR	1134	1076	923	294	46	1	0	0.00	3.92	0
CO19031+	CO19030	7.16	14 3-	6ACWC	1132	1075	922	294	46	1	1	0.00	3.92	0
CO18818+	CO19031	7.35	14 3-	6HDCU	1103	1049	896	290	46	1	1	0.00	3.92	0
CO18984+	CO18818	7.47	13 3-	6HDCU	1084	1032	880	288	46	1	1	0.00	3.92	0
CO18983+	CO18984	7.63	13 3-	6HDCU	1061	1011	859	286	46	1	1	0.00	3.93	0
CO18921+	CO18983	7.72	10 3-	6HDCU	1049	1001	849	285	41	0	1	0.00	3.93	0
CO18920+	CO18921	7.79	9 3-	6HDCU	1039	992	840	284	31	0	1	0.00	3.93	0
CO18919+	CO18920	7.85	9 3-	6HDCU	1030	984	833	283	31	0	1	0.00	3.93	0
CO18972+	CO18919	8.03	0 3-	6HDCU	1006	962	812	280	0	0	0	0.00	3.93	0
CO18837+	CO18837	7.96	8 1-	4ACSR	0	0	819	281	28	1	1	0.01	3.93	0
OC1245686531+	CO18837	7.96	8 1-	20 N FUSE	0	0	819	281	28	1	10	0.00	3.93	0
CO18815+	OC1245686531	8.11	8 1-	4ACSR	0	0	803	279	28	1	1	0.01	3.94	0
CO18816+	CO18815	8.58	6 1-	6HDCU	0	0	753	272	28	1	1	0.02	3.96	0
CO18849+	CO18816	8.66	2 1-	6HDCU	0	0	745	271	10	0	1	0.00	3.96	0
CO18817+	CO18816	8.67	4 1-	6HDCU	0	0	743	270	18	1	1	0.00	3.96	0
CO18930+	CO18817	8.79	2 1-	6HDCU	0	0	732	269	15	1	1	0.00	3.97	0
CO18931+	CO18930	9.04	2 1-	6HDCU	0	0	709	265	15	1	1	0.01	3.97	0
CO-1734350563+	CO18931	9.30	1 1-	2ACSR	0	0	691	263	5	0	0	0.00	3.97	0
CO18932+	CO18931	9.17	1 1-	6HDCU	0	0	698	264	11	0	1	0.00	3.97	0
CO18848+	CO18817	8.73	1 1-	6HDCU	0	0	738	270	3	0	0	0.00	3.96	0
CO18933+	CO18815	8.17	2 1-	6HDCU	0	0	796	278	0	0	0	0.00	3.94	0
CO18935+	CO18933	8.22	1 1-	6HDCU	0	0	790	277	0	0	0	0.00	3.94	0
CO18934+	CO18933	8.39	1 1-	6HDCU	0	0	772	274	0	0	0	0.00	3.94	0
CO18846+	OC1245686531	8.02	0 1-	6HDCU	0	0	812	280	0	0	0	0.00	3.93	0
CO18850+	CO18818	7.54	1 1-	6HDCU	0	0	871	287	0	0	0	0.00	3.92	0
CO30679+	CO579321958	7.16	535 3-	4/0ACSR	1137	1079	925	294	2393	54	16	0.02	3.94	79
CO18809+	CO30679	7.16	532 3-	4/0ACSR	1136	1078	925	294	2386	54	16	0.00	3.94	6
CA67+	CO18809	7.16	0 3-	Capacitor	1136	1078	925	294	0	-7	0	0.00	3.94	0
CO18808+	CO18809	7.45	531 3-	4/0ACSR	1114	1056	903	293	2383	55	16	0.08	4.02	255
CO18982+	CO18808	7.50	529 3-	4/0ACSR	1110	1052	899	292	2372	55	16	0.02	4.04	50
CO18981+	CO18982	7.52	529 3-	4/0ACSR	1108	1051	898	292	2372	55	16	0.01	4.04	18
CO23809+	CO18981	7.63	1 1-	4ACSR	0	0	883	290	3	0	0	0.00	4.04	0
OC2075182558+	CO23809	7.63	0 1-	20 N FUSE	0	0	883	290	0	0	0	0.00	4.04	0
CO23808+	CO18981	7.61	527 3-	4/0ACSR	1102	1045	892	292	2366	55	16	0.02	4.06	72
CO18430+	CO23808	7.65	2 1-	4ACSR	0	0	886	291	10	0	0	0.00	4.07	0
OC-414779172+	CO18430	7.65	2 1-	20 N FUSE	0	0	886	291	10	0	3	0.00	4.07	0
CO18431+	OC-414779172	7.69	2 1-	4ACSR	0	0	880	290	10	0	0	0.00	4.07	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18582+	CO23808	7.68	524 3-	4/0ACSR	1096	1039	886	291	2349	55	16	0.02	4.09	68
CO18581+	CO18582	7.69	524 3-	4/0ACSR	1096	1038	886	291	2349	55	16	0.00	4.09	6
OC559+	CO18581	7.69	520 3-	70 E OCR	1096	1038	886	291	2328	54	78	0.00	4.09	0
CO18531+	OC559	7.71	520 3-	4/0ACSR	1094	1037	885	291	2328	54	16	0.00	4.09	13
CO18530+	CO18531	7.74	520 3-	4/0ACSR	1092	1035	882	291	2328	54	16	0.01	4.10	26
CO18527+	CO18530	7.75	519 3-	4/0ACSR	1091	1034	881	291	2319	54	16	0.00	4.11	13
CO18526+	CO18527	7.79	516 3-	4/0ACSR	1088	1031	879	291	2313	54	16	0.01	4.12	30
CO18525+	CO18526	7.83	516 3-	4/0ACSR	1086	1029	876	291	2312	54	16	0.01	4.13	34
CO18316+	CO18525	7.86	512 3-	4/0ACSR	1083	1026	874	290	2299	53	16	0.01	4.13	25
CO18524+	CO18316	7.89	507 3-	4/0ACSR	1081	1024	872	290	2260	53	16	0.01	4.14	23
CO18523+	CO18524	7.92	507 3-	4/0ACSR	1079	1022	869	290	2260	53	16	0.01	4.15	30
CO18522+	CO18523	7.97	504 3-	4/0ACSR	1075	1019	866	290	2247	52	16	0.01	4.16	33
CO18521+	CO18522	8.00	499 3-	4/0ACSR	1073	1016	864	290	2212	51	15	0.01	4.17	27
CO18315+	CO18521	8.04	492 3-	4/0ACSR	1070	1014	861	289	2198	51	15	0.01	4.18	28
CO18487+	CO18315	8.05	433 3-	4/0ACSR	1070	1013	861	289	1978	46	14	0.00	4.19	6
CO18486+	CO18487	8.06	433 3-	4/0ACSR	1069	1012	860	289	1978	46	14	0.00	4.19	6
CO18485+	CO18486	8.07	431 3-	4/0ACSR	1068	1012	860	289	1968	46	14	0.00	4.19	6
CO18471+	CO18485	8.13	92 1-	4ACSR	0	0	852	288	388	27	20	0.04	4.23	26
CO18589+	CO18471	8.14	89 1-	4ACSR	0	0	851	288	379	26	19	0.00	4.24	3
OCD243+	CO18589	8.14	89 1-	50 E OCR	0	0	851	288	379	26	54	0.00	4.24	0
AU60	OCD243	8.14	89 1-	167 KVA 1PH AUT	0	0	585	165	379	26	232	1.81	6.05	0
CO18590	AU60	8.14	89 1-	4ACSR	0	0	585	165	379	53	38	0.01	6.06	6
CO18591	CO18590	8.20	89 1-	4ACSR	0	0	580	164	379	53	38	0.15	6.20	94
CO18426	CO18591	8.24	1 1-	4ACSR	0	0	576	164	13	1	1	0.00	6.21	0
CO18427	CO18426	8.31	1 1-	4ACSR	0	0	570	163	13	1	1	0.00	6.21	0
CO18392	CO18591	8.26	87 1-	4ACSR	0	0	575	164	364	51	37	0.13	6.34	82
CO18393	CO18392	8.34	86 1-	4ACSR	0	0	568	163	363	51	37	0.18	6.52	110
CO23806	CO18393	8.52	1 1-	4ACSR	0	0	553	161	2	0	0	0.00	6.52	0
CO18504	CO18393	8.35	85 1-	4ACSR	0	0	567	163	361	51	37	0.02	6.54	14
CO18505	CO18504	8.36	85 1-	4ACSR	0	0	566	163	361	51	37	0.02	6.57	13
CO18506	CO18505	8.47	85 1-	4ACSR	0	0	557	162	361	51	37	0.27	6.83	161
CO18507	CO18506	8.81	84 1-	4ACSR	0	0	529	158	359	51	37	0.80	7.63	481
CO18508	CO18507	8.85	84 1-	4ACSR	0	0	526	158	357	51	37	0.10	7.73	58
CO18509	CO18508	8.94	82 1-	4ACSR	0	0	519	157	351	50	36	0.20	7.92	116
CO23853	CO18509	8.99	81 1-	4ACSR	0	0	515	156	351	50	36	0.12	8.04	72
CO23854	CO23853	9.08	79 1-	4ACSR	0	0	508	156	348	50	36	0.20	8.24	116
CO18806	CO23854	9.28	76 1-	4ACSR	0	0	493	154	339	49	35	0.46	8.70	266
CO18807	CO18806	9.40	73 1-	4ACSR	0	0	484	153	325	47	34	0.24	8.94	135
CO18811	CO18807	9.47	72 1-	4ACSR	0	0	479	152	318	46	33	0.16	9.10	87
CO18979	CO18811	9.49	8 1-	4ACSR	0	0	478	152	29	4	3	0.00	9.11	0
CO18980	CO18979	9.52	8 1-	4ACSR	0	0	476	152	29	4	3	0.00	9.11	0
CO30533	CO18980	9.66	5 1-	4ACSR	0	0	466	150	19	2	2	0.01	9.12	0
CO25839	CO30533	9.68	1 1-	4ACSR	0	0	464	150	7	1	1	0.00	9.12	0
CO26026	CO30533	9.70	2 1-	4ACSR	0	0	463	150	3	0	0	0.00	9.13	0
CO26027	CO26026	9.77	2 1-	4ACSR	0	0	458	149	3	0	0	0.00	9.13	0
CO26028	CO26027	9.81	1 1-	4ACSR	0	0	456	149	0	0	0	0.00	9.13	0
CO26029	CO26028	9.89	1 1-	4ACSR	0	0	450	148	0	0	0	0.00	9.13	0
CO30532	CO18811	9.88	64 1-	4ACSR	0	0	451	148	288	42	30	0.75	9.86	361
CO26021	CO30532	10.00	60 1-	4ACSR	0	0	443	147	257	37	27	0.19	10.05	83
CO26022	CO26021	10.14	18 1-	4ACSR	0	0	435	146	46	6	5	0.04	10.09	3
CO26023	CO26022	10.17	18 1-	4ACSR	0	0	433	146	46	6	5	0.01	10.10	0
CO26058	CO26023	10.17	18 1-	4ACSR	0	0	433	146	46	6	5	0.00	10.10	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC783	CO26058	10.17	18 1-	25 H OCR	0	0	433	146	46	6	27	0.00	10.10	0
CO26062	OC783	10.20	17 1-	4ACSR	0	0	431	146	43	6	5	0.01	10.11	0
CO26063	CO26062	10.21	16 1-	4ACSR	0	0	431	146	43	6	5	0.00	10.11	0
CO25816	CO26063	10.24	14 1-	4ACSR	0	0	428	145	32	4	3	0.01	10.12	0
CO30531	CO25816	10.35	13 1-	4ACSR	0	0	422	144	30	4	3	0.02	10.14	0
CO19024	CO30531	10.39	13 1-	4ACSR	0	0	420	144	30	4	3	0.01	10.15	0
CO19025	CO19024	10.42	12 1-	4ACSR	0	0	418	144	24	3	3	0.00	10.15	0
CO18814	CO19025	10.52	12 1-	4ACSR	0	0	412	143	24	3	3	0.02	10.17	0
CO19026	CO18814	10.62	3 1-	4ACSR	0	0	406	142	5	0	1	0.00	10.17	0
CO19027	CO19026	10.65	2 1-	4ACSR	0	0	405	142	5	0	1	0.00	10.17	0
CO139267420	CO19027	10.72	1 1-	2ACSR	0	0	402	142	0	0	0	0.00	10.17	0
CO1826393484	CO139267420	10.79	1 1-	2ACSR	0	0	399	141	0	0	0	0.00	10.17	0
CO999283517	CO139267420	10.96	0 1-	2ACSR	0	0	391	140	0	0	0	0.00	10.17	0
CO18842	CO19027	10.70	1 1-	4ACSR	0	0	402	142	5	0	1	0.00	10.17	0
CO18886	CO18814	10.76	9 1-	4ACSR	0	0	399	141	19	2	2	0.03	10.19	0
CO18887	CO18886	10.82	8 1-	4ACSR	0	0	396	141	16	2	2	0.01	10.20	0
CO18813	CO18887	11.01	5 1-	4ACSR	0	0	386	139	4	0	0	0.01	10.21	0
CO18812	CO18813	11.08	4 1-	4ACSR	0	0	382	139	4	0	0	0.00	10.21	0
CO18977	CO18812	11.28	1 1-	4ACSR	0	0	373	137	0	0	0	0.00	10.21	0
CO18978	CO18977	11.39	0 1-	4ACSR	0	0	367	136	0	0	0	0.00	10.21	0
CO18961	CO18812	11.21	2 1-	2ACSR	0	0	377	138	3	0	0	0.00	10.21	0
CO18962	CO18961	11.27	2 1-	2ACSR	0	0	375	138	3	0	0	0.00	10.21	0
CO18960	CO18962	11.31	2 1-	2ACSR	0	0	373	138	3	0	0	0.00	10.21	0
CO18843	CO18813	11.06	1 1-	4ACSR	0	0	383	139	0	0	0	0.00	10.21	0
CO18924	CO18887	10.87	2 1-	4ACSR	0	0	393	140	11	1	1	0.00	10.20	0
CO18925	CO18924	10.92	1 1-	4ACSR	0	0	391	140	7	1	1	0.00	10.21	0
CO18888	CO18925	10.99	1 1-	4ACSR	0	0	387	139	7	1	1	0.00	10.21	0
CO18885	CO30531	10.39	0 1-	4ACSR	0	0	420	144	0	0	0	0.00	10.14	0
CO25840	CO25816	10.28	0 1-	4ACSR	0	0	426	145	0	0	0	0.00	10.12	0
CO26036	CO26063	10.27	2 1-	4ACSR	0	0	427	145	11	1	1	0.00	10.11	0
CO26037	CO26036	10.29	1 1-	4ACSR	0	0	426	145	1	0	0	0.00	10.11	0
CO26024	OC783	10.19	1 1-	4ACSR	0	0	432	146	3	0	0	0.00	10.10	0
CO26025	CO26024	10.21	1 1-	4ACSR	0	0	430	146	3	0	0	0.00	10.10	0
CO26018	CO26021	10.10	3 1-	4ACSR	0	0	437	147	32	4	3	0.01	10.06	0
CO26019	CO26018	10.15	1 1-	4ACSR	0	0	434	146	7	1	1	0.00	10.06	0
CO26020	CO26019	10.19	0 1-	4ACSR	0	0	432	146	0	0	0	0.00	10.06	0
CO26016	CO26021	10.06	37 1-	4ACSR	0	0	440	147	157	23	16	0.06	10.11	15
CO26017	CO26016	10.16	34 1-	4ACSR	0	0	433	146	141	20	15	0.09	10.20	22
CO26014	CO26017	10.19	33 1-	4ACSR	0	0	432	146	134	19	14	0.03	10.22	6
CO26015	CO26014	10.21	30 1-	4ACSR	0	0	430	146	127	18	13	0.02	10.24	4
CO25817	CO26015	10.41	28 1-	4ACSR	0	0	418	144	124	18	13	0.16	10.41	35
CO25818	CO25817	10.53	24 1-	4ACSR	0	0	412	143	114	16	12	0.08	10.49	16
CO26009	CO25818	10.67	23 1-	4ACSR	0	0	404	142	102	14	11	0.09	10.58	17
CO26010	CO26009	10.69	22 1-	4ACSR	0	0	403	142	100	14	10	0.01	10.60	2
CO25819	CO26010	10.79	13 1-	4ACSR	0	0	397	141	68	10	7	0.05	10.64	5
CO-1578607451	CO25819	10.83	0 1-	2ACSR	0	0	396	141	0	0	0	0.00	10.64	0
CO26054	CO25819	10.80	12 1-	4ACSR	0	0	397	141	62	9	7	0.00	10.64	0
OC784	CO26054	10.80	12 1-	25 H OCR	0	0	397	141	62	9	36	0.00	10.64	0
CO26055	OC784	10.99	12 1-	4ACSR	0	0	387	139	62	9	7	0.08	10.72	8
CO25992	CO26055	11.01	11 1-	4ACSR	0	0	386	139	59	8	6	0.01	10.73	0
CO25993	CO25992	11.15	11 1-	4ACSR	0	0	379	138	59	8	6	0.06	10.79	6
CO25994	CO25993	11.42	11 1-	4ACSR	0	0	366	136	59	8	6	0.11	10.89	11

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26034	CO25994	11.47	11 1-	4ACSR	0	0	363	136	59	8	6	0.02	10.91	0
CO26035	CO26034	11.54	10 1-	4ACSR	0	0	360	135	54	7	6	0.03	10.94	2
CO25995	CO26035	11.60	10 1-	4ACSR	0	0	358	135	54	7	6	0.02	10.96	0
CO25996	CO25995	11.63	9 1-	4ACSR	0	0	356	135	43	6	5	0.01	10.97	0
CO25820	CO25996	11.75	7 1-	4ACSR	0	0	351	134	38	5	4	0.03	11.00	0
CO25999	CO25820	11.96	6 1-	4ACSR	0	0	342	132	28	4	3	0.04	11.04	0
OC1653268943	CO25999	11.96	6 1-	20 N FUSE	0	0	342	132	28	4	20	0.00	11.04	0
CO26000	OC1653268943	12.19	5 1-	4ACSR	0	0	333	131	19	2	2	0.03	11.07	0
CO26001	CO26000	12.35	2 1-	4ACSR	0	0	326	130	3	0	0	0.00	11.07	0
CO30530	CO26001	12.55	1 1-	4ACSR	0	0	319	129	3	0	0	0.00	11.07	0
CO18884	CO30530	12.61	1 1-	4ACSR	0	0	317	128	3	0	0	0.00	11.07	0
CO25846	CO26000	12.32	3 1-	4ACSR	0	0	327	130	16	2	2	0.01	11.07	0
CO25847	CO25846	12.39	1 1-	4ACSR	0	0	325	130	0	0	0	0.00	11.07	0
CO25855	OC1653268943	12.04	1 1-	4ACSR	0	0	338	132	9	1	1	0.00	11.04	0
CO25997	CO25820	11.86	1 1-	4ACSR	0	0	346	133	10	1	1	0.01	11.00	0
CO25998	CO25997	11.90	1 1-	4ACSR	0	0	345	133	10	1	1	0.00	11.00	0
CO25843	CO25996	11.78	2 1-	4ACSR	0	0	349	134	5	0	1	0.00	10.97	0
CO25854	CO25995	11.67	1 1-	2ACSR	0	0	355	135	11	1	1	0.00	10.96	0
CO25851	CO26035	11.60	0 1-	2ACSR	0	0	358	135	0	0	0	0.00	10.94	0
CO25844	CO25994	11.54	0 1-	4ACSR	0	0	360	135	0	0	0	0.00	10.89	0
CO25845	CO25992	11.08	0 1-	4ACSR	0	0	382	139	0	0	0	0.00	10.73	0
CO26052	CO25819	10.83	0 1-	4ACSR	0	0	395	141	0	0	0	0.00	10.64	0
CO26053	CO26052	10.84	0 1-	4ACSR	0	0	395	141	0	0	0	0.00	10.64	0
CO26007	CO26010	10.75	7 1-	4ACSR	0	0	399	141	29	4	3	0.01	10.61	0
CO26038	CO26007	10.78	5 1-	4ACSR	0	0	398	141	11	1	1	0.00	10.61	0
CO26039	CO26038	10.81	4 1-	4ACSR	0	0	396	141	8	1	1	0.00	10.61	0
CO-408908936	CO26039	10.88	2 1-	2ACSR	0	0	393	140	5	0	0	0.00	10.61	0
CO26008	CO26007	10.82	2 1-	4ACSR	0	0	396	141	18	2	2	0.01	10.62	0
CO25848	CO26008	10.87	1 1-	4ACSR	0	0	393	140	9	1	1	0.00	10.62	0
CO25842	CO25818	10.56	0 1-	4ACSR	0	0	410	143	0	0	0	0.00	10.49	0
CO26012	CO25817	10.52	4 1-	4ACSR	0	0	412	143	10	1	1	0.00	10.41	0
CO26013	CO26012	10.59	2 1-	4ACSR	0	0	408	143	0	0	0	0.00	10.41	0
CO26011	CO26013	10.67	2 1-	4ACSR	0	0	404	142	0	0	0	0.00	10.41	0
CO25841	CO26015	10.27	2 1-	4ACSR	0	0	427	145	4	0	0	0.00	10.24	0
CO25850	CO30532	9.94	1 1-	2ACSR	0	0	448	148	6	0	0	0.00	9.86	0
CO30534	CO18807	9.56	1 1-	4ACSR	0	0	473	151	7	0	1	0.00	8.95	0
CO18838	CO18806	9.42	2 1-	4ACSR	0	0	483	152	10	1	1	0.00	8.70	0
CO18922	CO23854	9.15	2 1-	4ACSR	0	0	502	155	6	0	1	0.00	8.24	0
CO18923	CO18922	9.20	1 1-	4ACSR	0	0	499	154	2	0	0	0.00	8.24	0
CO18349	CO18505	8.37	0 1-	4ACSR	0	0	565	163	0	0	0	0.00	6.57	0
CO18491+	CO18485	8.10	336 3-	4/0ACSR	1066	1010	857	289	1570	36	11	0.01	4.20	12
CO18490+	CO18491	8.12	336 3-	4/0ACSR	1064	1008	856	289	1570	36	11	0.00	4.20	9
CO18424+	CO18490	8.18	2 1-	4ACSR	0	0	849	288	3	0	0	0.00	4.20	0
OC-1196933880+	CO18424	8.18	1 1-	20 N FUSE	0	0	849	288	0	0	0	0.00	4.20	0
CO18425+	OC-1196933880	8.25	1 1-	4ACSR	0	0	840	287	0	0	0	0.00	4.20	0
CO18489+	CO18490	8.17	328 3-	4/0ACSR	1061	1005	853	289	1527	35	11	0.01	4.21	18
CO18488+	CO18489	8.21	328 3-	4/0ACSR	1058	1002	850	289	1527	35	11	0.01	4.22	15
CO18391+	CO18488	8.26	324 3-	4/0ACSR	1055	999	847	288	1499	35	10	0.01	4.23	17
CO18495+	CO18391	8.34	324 3-	4/0ACSR	1049	993	841	288	1499	35	10	0.02	4.24	31
CO18494+	CO18495	8.37	324 3-	4/0ACSR	1047	991	839	288	1499	35	10	0.01	4.25	10
CO18496+	CO18494	8.68	323 3-	4/0ACSR	1027	971	820	286	1491	34	10	0.05	4.30	106
CO18498+	CO18496	8.72	323 3-	4/0ACSR	1024	969	818	286	1490	34	10	0.01	4.31	15

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18497+	CO18498	8.78	322 3-	4/0ACSR	1020	965	814	286	1490	34	10	0.01	4.32	22
CO18314+	CO18497	8.86	318 3-	4/0ACSR	1015	960	810	285	1486	34	10	0.01	4.33	26
CO18421+	CO18314	9.08	2 1-	4ACSR	0	0	786	282	13	0	1	0.00	4.34	0
OC-1726426451+	CO18421	9.08	1 1-	20 N FUSE	0	0	786	282	0	0	0	0.00	4.34	0
CO18422+	OC-1726426451	9.12	1 1-	4ACSR	0	0	782	281	0	0	0	0.00	4.34	0
CO18502+	CO18314	9.02	315 3-	4/0ACSR	1005	950	800	284	1468	34	10	0.03	4.36	57
CO18501+	CO18502	9.06	315 3-	4/0ACSR	1002	948	798	284	1468	34	10	0.01	4.37	11
CO18313+	CO18501	9.25	313 3-	4/0ACSR	990	936	786	283	1467	34	10	0.04	4.40	68
CO18585+	CO18313	9.26	2 1-	6ACWC	0	0	786	283	2	0	0	0.00	4.40	0
OC552+	CO18585	9.26	2 1-	10 N FUSE	0	0	786	283	2	0	1	0.00	4.40	0
CO18586+	OC552	9.52	2 1-	6ACWC	0	0	760	279	2	0	0	0.00	4.40	0
CO18535+	CO18586	9.80	1 1-	6ACWC	0	0	734	275	0	0	0	0.00	4.40	0
CO18536+	CO18535	9.82	0 1-	6ACWC	0	0	732	275	0	0	0	0.00	4.40	0
CO18503+	CO18313	9.30	311 3-	4/0ACSR	988	934	784	283	1464	34	10	0.01	4.41	14
CO30535+	CO18503	9.64	310 3-	4/0ACSR	967	914	765	281	1463	34	10	0.06	4.47	118
OC983096472+	CO30535	9.64	309 3-	20 N FUSE	967	914	765	281	1462	34	172	0.00	4.47	0
CO25624+	OC983096472	9.71	309 3-	4/0ACSR	963	910	762	281	1462	34	10	0.01	4.48	22
CO25677+	CO25624	9.72	1 1-	4ACSR	0	0	761	281	2	0	0	0.00	4.48	0
OC775+	CO25677	9.72	1 1-	10 N FUSE	0	0	761	281	2	0	1	0.00	4.48	0
CO25678+	OC775	10.07	1 1-	4ACSR	0	0	728	275	2	0	0	0.00	4.48	0
CO25490+	CO25678	10.14	1 1-	4ACSR	0	0	721	274	2	0	0	0.00	4.48	0
CO25444+	CO25678	10.49	0 1-	4ACSR	0	0	692	269	0	0	0	0.00	4.48	0
CO25443+	CO25624	9.90	306 3-	4/0ACSR	952	900	752	280	1454	34	10	0.03	4.52	64
CO25675+	CO25443	9.90	5 1-	4ACSR	0	0	751	280	10	0	1	0.00	4.52	0
OC774+	CO25675	9.90	5 1-	10 N FUSE	0	0	751	280	10	0	7	0.00	4.52	0
CO25676+	OC774	10.01	5 1-	4ACSR	0	0	741	278	10	0	1	0.00	4.52	0
CO25563+	CO25676	10.11	4 1-	4ACSR	0	0	732	277	10	0	1	0.00	4.52	0
CO25562+	CO25563	10.20	4 1-	4ACSR	0	0	724	275	10	0	1	0.00	4.52	0
CO25561+	CO25562	10.41	2 1-	4ACSR	0	0	706	272	2	0	0	0.00	4.52	0
CO25560+	CO25561	10.54	1 1-	4ACSR	0	0	695	270	1	0	0	0.00	4.52	0
CO25645+	CO25443	9.99	301 3-	4/0ACSR	947	895	747	279	1444	33	10	0.02	4.53	31
CO25644+	CO25645	10.02	301 3-	4/0ACSR	946	893	745	279	1443	33	10	0.01	4.54	10
CO25643+	CO25644	10.09	300 3-	4/0ACSR	942	889	742	279	1440	33	10	0.01	4.55	22
CO25663+	CO25643	10.09	3 1-	6ACWC	0	0	742	279	23	1	1	0.00	4.55	0
OC773+	CO25663	10.09	3 1-	10 N FUSE	0	0	742	279	23	1	16	0.00	4.55	0
CO25664+	OC773	10.50	3 1-	6ACWC	0	0	706	273	23	1	1	0.01	4.56	0
CO25564+	CO25664	10.58	2 1-	6ACWC	0	0	699	272	17	1	1	0.00	4.56	0
CO25565+	CO25564	10.67	2 1-	6ACWC	0	0	692	270	17	1	1	0.00	4.57	0
CO25440+	CO25643	10.16	296 3-	4/0ACSR	938	885	738	278	1411	33	10	0.01	4.56	24
CO25479+	CO25440	10.31	2 1-	4ACSR	0	0	725	276	10	0	1	0.00	4.56	0
OC1724680748+	CO25479	10.31	0 1-	20 N FUSE	0	0	725	276	0	0	0	0.00	4.56	0
CO25437+	CO25440	10.33	294 3-	4/0ACSR	929	877	730	278	1400	32	10	0.03	4.59	51
CO25673+	CO25437	10.34	2 1-	6ACWC	0	0	730	278	6	0	0	0.00	4.59	0
OC772+	CO25673	10.34	2 1-	10 N FUSE	0	0	730	278	6	0	4	0.00	4.59	0
CO25674+	OC772	10.44	2 1-	6ACWC	0	0	720	276	6	0	0	0.00	4.59	0
CO25646+	CO25674	10.65	2 1-	6ACWC	0	0	703	273	6	0	0	0.00	4.59	0
CO25647+	CO25646	10.82	1 1-	6ACWC	0	0	689	270	2	0	0	0.00	4.59	0
CO25493+	CO25647	10.97	0 1-	2ACSR	0	0	679	269	0	0	0	0.00	4.59	0
CO25642+	CO25437	10.45	291 3-	4/0ACSR	923	871	725	277	1385	32	10	0.02	4.61	36
CO25641+	CO25642	10.47	290 3-	4/0ACSR	921	869	723	277	1385	32	10	0.00	4.61	7
CO25640+	CO25641	10.50	289 3-	4/0ACSR	920	868	722	277	1374	32	10	0.01	4.62	9
CO25639+	CO25640	10.56	288 3-	4/0ACSR	917	865	719	276	1368	32	9	0.01	4.63	17

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO25638+	CO25639	10.59	286 3-	4/0ACSR	915	863	718	276	1366	32	9	0.01	4.63	10
CO25635+	CO25638	10.62	282 3-	4/0ACSR	913	862	716	276	1349	31	9	0.00	4.64	8
CO25637+	CO25635	10.67	282 3-	4/0ACSR	911	860	714	276	1349	31	9	0.01	4.65	13
CO25636+	CO25637	10.71	280 3-	4/0ACSR	909	858	712	276	1340	31	9	0.01	4.65	12
CO25671+	CO25636	10.71	4 1-	6ACWC	0	0	712	276	14	0	1	0.00	4.65	0
OC771+	CO25671	10.71	4 1-	10 N FUSE	0	0	712	276	14	0	10	0.00	4.65	0
CO25672+	OC771	10.85	4 1-	6ACWC	0	0	700	274	14	0	1	0.00	4.66	0
CO25557+	CO25672	10.91	4 1-	6ACWC	0	0	695	273	14	0	1	0.00	4.66	0
CO25625+	CO25557	11.21	3 1-	6ACWC	0	0	672	269	14	0	1	0.01	4.66	0
CO25626+	CO25625	11.23	2 1-	6ACWC	0	0	670	268	14	0	1	0.00	4.66	0
CO25558+	CO25626	11.36	1 1-	6ACWC	0	0	661	266	7	0	0	0.00	4.67	0
CO25559+	CO25558	11.51	1 1-	6ACWC	0	0	650	264	7	0	0	0.00	4.67	0
CO1605826172+	CO25559	11.77	1 1-	2ACSR	0	0	635	262	7	0	0	0.00	4.67	0
CO25476+	CO25559	11.57	0 1-	4ACSR	0	0	646	264	0	0	0	0.00	4.67	0
CO25475+	CO25626	11.29	1 1-	4ACSR	0	0	666	267	6	0	0	0.00	4.66	0
CO25478+	CO25557	10.99	1 1-	4ACSR	0	0	689	272	0	0	0	0.00	4.66	0
CO25654+	CO25636	10.76	272 3-	4/0ACSR	906	855	710	275	1311	30	9	0.01	4.66	16
CO25653+	CO25654	10.81	272 3-	4/0ACSR	904	852	707	275	1310	30	9	0.01	4.67	13
CO25648+	CO25653	11.09	271 3-	4/0ACSR	890	839	695	274	1308	30	9	0.04	4.71	75
CO25669+	CO25648	11.09	0 1-	4ACSR	0	0	695	274	0	0	0	0.00	4.71	0
OC770+	CO25669	11.09	0 1-	10 N FUSE	0	0	695	274	0	0	0	0.00	4.71	0
CO25670+	OC770	11.60	0 1-	4ACSR	0	0	656	266	0	0	0	0.00	4.71	0
CO25549+	CO25670	11.83	0 1-	4ACSR	0	0	639	263	0	0	0	0.00	4.71	0
CO25649+	CO25648	11.19	1 1-	4ACSR	0	0	687	272	9	0	0	0.00	4.71	0
OC-1643252272+	CO25649	11.19	0 1-	20 N FUSE	0	0	687	272	0	0	0	0.00	4.71	0
CO25650+	OC-1643252272	11.28	0 1-	4ACSR	0	0	680	271	0	0	0	0.00	4.71	0
CO25550+	CO25650	11.32	0 1-	4ACSR	0	0	677	270	0	0	0	0.00	4.71	0
CO25439+	CO25648	11.14	269 3-	4/0ACSR	887	837	693	274	1294	30	9	0.01	4.72	15
CO25551+	CO25439	11.23	2 1-	4ACSR	0	0	686	272	16	1	1	0.00	4.72	0
OC-855127755+	CO25551	11.23	1 1-	20 N FUSE	0	0	686	272	8	0	3	0.00	4.72	0
CO25552+	OC-855127755	11.28	1 1-	4ACSR	0	0	682	272	8	0	0	0.00	4.72	0
CO25553+	CO25552	11.31	1 1-	4ACSR	0	0	679	271	8	0	0	0.00	4.72	0
CO25438+	CO25439	11.21	267 3-	4/0ACSR	884	833	690	273	1278	30	9	0.01	4.73	17
CO30619+	CO25438	11.35	265 3-	4/0ACSR	877	827	684	273	1260	29	9	0.02	4.75	36
CO15635+	CO30619	11.39	265 3-	4/0ACSR	875	825	682	272	1260	29	9	0.01	4.76	10
CO15658+	CO15635	11.50	117 1-	4ACSR	0	0	673	271	508	36	26	0.09	4.85	79
OC-949218142+	CO15658	11.50	115 1-	20 N FUSE	0	0	673	271	499	35	178	0.00	4.85	0
CO15659+	OC-949218142	11.52	115 1-	4ACSR	0	0	672	270	499	35	25	0.01	4.87	10
CO15652+	CO15659	11.54	113 1-	4ACSR	0	0	671	270	490	35	25	0.01	4.88	12
CO15653+	CO15652	11.55	113 1-	4ACSR	0	0	670	270	490	35	25	0.01	4.89	9
CO15654+	CO15653	11.59	112 1-	4ACSR	0	0	667	269	485	34	25	0.03	4.92	26
CO15655+	CO15654	11.62	110 1-	4ACSR	0	0	664	269	464	33	24	0.02	4.95	19
CO15656+	CO15655	11.71	110 1-	4ACSR	0	0	658	268	464	33	24	0.07	5.02	54
CO15657+	CO15656	11.83	110 1-	4ACSR	0	0	649	266	464	33	24	0.09	5.11	67
CO15679+	CO15657	11.90	2 1-	4ACSR	0	0	644	265	9	0	0	0.00	5.11	0
CO15680+	CO15679	11.93	1 1-	4ACSR	0	0	642	265	3	0	0	0.00	5.11	0
CO15681+	CO15680	12.08	1 1-	4ACSR	0	0	632	263	3	0	0	0.00	5.11	0
CO15859+	CO15657	11.83	108 1-	4ACSR	0	0	649	266	454	32	23	0.01	5.11	4
OC476+	CO15859	11.83	108 1-	50 E OCR	0	0	649	266	454	32	65	0.00	5.11	0
CO15860+	OC476	11.88	108 1-	4ACSR	0	0	645	265	454	32	23	0.04	5.15	29
CO15633+	CO15860	12.03	108 1-	4ACSR	0	0	635	263	454	32	23	0.11	5.26	81
AU40	CO15633	12.03	108 1-	167 KVA 1PH AUT	0	0	529	161	454	32	282	2.25	7.51	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15682	AU40	12.16	2 1-	4ACSR	0	0	519	159	6	0	1	0.00	7.51	0
CO15683	CO15682	12.24	1 1-	4ACSR	0	0	513	159	4	0	0	0.00	7.51	0
CO15634	AU40	12.16	106 1-	4ACSR	0	0	519	159	448	64	46	0.39	7.90	295
CO15781	CO15634	12.17	106 1-	4ACSR	0	0	518	159	447	64	46	0.05	7.95	38
CO15782	CO15781	12.27	105 1-	4ACSR	0	0	511	158	438	63	45	0.28	8.22	206
CO15618	CO15782	12.35	1 1-	2ACSR	0	0	505	158	0	0	0	0.00	8.22	0
CO30621	CO15782	12.55	102 1-	4ACSR	0	0	490	156	421	60	44	0.79	9.01	562
CO25630	CO30621	12.62	3 1-	4ACSR	0	0	486	155	12	1	1	0.00	9.01	0
CO25631	CO25630	12.65	1 1-	4ACSR	0	0	484	155	0	0	0	0.00	9.01	0
CO30622	CO30621	12.58	99 1-	4ACSR	0	0	488	155	407	59	42	0.08	9.09	53
CO15552	CO30622	12.72	93 1-	4ACSR	0	0	479	154	376	54	39	0.33	9.41	209
CO15685	CO15552	12.79	2 1-	4ACSR	0	0	474	153	9	1	1	0.00	9.42	0
CO15686	CO15685	12.82	1 1-	4ACSR	0	0	472	153	9	1	1	0.00	9.42	0
CO15636	CO15552	12.74	90 1-	4ACSR	0	0	478	154	358	52	37	0.06	9.47	34
CO15637	CO15636	12.78	88 1-	4ACSR	0	0	475	154	354	51	37	0.09	9.56	54
CO15835	CO15637	12.85	87 1-	4ACSR	0	0	470	153	352	51	37	0.18	9.73	107
CO15597	CO15835	12.92	1 1-	4ACSR	0	0	466	152	9	1	1	0.00	9.74	0
CO15779	CO15835	12.90	86 1-	4ACSR	0	0	467	152	343	50	36	0.11	9.84	63
CO15780	CO15779	12.99	84 1-	4ACSR	0	0	462	152	340	49	36	0.19	10.03	113
CO15638	CO15780	13.12	84 1-	4ACSR	0	0	453	150	339	49	36	0.31	10.35	184
CO15639	CO15638	13.18	83 1-	4ACSR	0	0	449	150	325	47	34	0.12	10.47	68
CO15739	CO15639	13.27	81 1-	4ACSR	0	0	444	149	316	46	33	0.18	10.65	101
CO15740	CO15739	13.47	80 1-	4ACSR	0	0	432	147	314	46	33	0.42	11.07	228
CO15554	CO15740	13.55	75 1-	4ACSR	0	0	427	147	294	43	31	0.16	11.23	80
CO8039	CO15554	13.67	74 1-	4ACSR	0	0	420	146	292	43	31	0.23	11.46	119
CO8135	CO8039	13.68	73 1-	4ACSR	0	0	419	146	291	43	31	0.02	11.48	11
CO8134	CO8135	13.69	73 1-	4ACSR	0	0	419	146	291	43	31	0.02	11.50	11
CO8038	CO8134	13.82	72 1-	4ACSR	0	0	412	145	291	43	31	0.25	11.76	130
CO8133	CO8038	13.84	4 1-	4ACSR	0	0	410	144	12	1	1	0.00	11.76	0
CO8132	CO8133	13.90	4 1-	4ACSR	0	0	407	144	12	1	1	0.00	11.76	0
CO8136	CO8132	13.92	2 1-	4ACSR	0	0	406	144	5	0	1	0.00	11.76	0
CO8138	CO8136	13.98	2 1-	4ACSR	0	0	403	143	5	0	1	0.00	11.76	0
CO8137	CO8138	14.10	2 1-	4ACSR	0	0	396	142	5	0	1	0.00	11.77	0
CO8139	CO8137	14.13	1 1-	4ACSR	0	0	395	142	0	0	0	0.00	11.77	0
CO8140	CO8139	14.18	1 1-	4ACSR	0	0	393	142	0	0	0	0.00	11.77	0
CO7950	CO8038	14.04	68 1-	4ACSR	0	0	400	143	278	41	30	0.41	12.16	199
CO8162	CO7950	14.04	67 1-	4ACSR	0	0	399	143	275	41	29	0.01	12.18	6
OC211	CO8162	14.04	67 1-	50 L OCR	0	0	399	143	275	41	0	0.00	12.18	0
CO8163	OC211	14.14	67 1-	4ACSR	0	0	394	142	275	41	29	0.18	12.36	86
CO7949	CO8163	14.35	2 1-	4ACSR	0	0	384	140	0	0	0	0.00	12.36	0
OC-758518811	CO7949	14.35	2 1-	20 N FUSE	0	0	384	140	0	0	0	0.00	12.36	0
CO7951	OC-758518811	14.58	1 1-	4ACSR	0	0	373	139	0	0	0	0.00	12.36	0
CO8172	CO7951	15.05	0 1-	4ACSR	0	0	351	135	0	0	0	0.00	12.36	0
CO8173	CO8172	15.06	0 1-	4ACSR	0	0	351	135	0	0	0	0.00	12.36	0
CO7977	CO7951	14.63	1 1-	4ACSR	0	0	370	138	0	0	0	0.00	12.36	0
CO7978	OC-758518811	14.46	1 1-	4ACSR	0	0	378	139	0	0	0	0.00	12.36	0
CO7955	CO8163	14.24	63 1-	4ACSR	0	0	390	141	267	39	29	0.17	12.52	79
CO8094	CO7955	14.31	5 1-	4ACSR	0	0	386	141	21	3	2	0.01	12.54	0
CO8179	CO8094	14.35	4 1-	4ACSR	0	0	384	140	21	3	2	0.00	12.54	0
CO35628334	CO8179	14.43	3 1-	2ACSR	0	0	381	140	10	1	1	0.00	12.54	0
CO-2144764976	CO35628334	14.57	2 1-	2ACSR	0	0	375	139	0	0	0	0.00	12.54	0
CO-1271174837	CO35628334	14.46	1 1-	2ACSR	0	0	379	140	10	1	1	0.00	12.54	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7979	CO8094	14.39	1 1-	4ACSR	0	0	382	140	0	0	0	0.00	12.54	0
CO8036	CO7955	14.35	57 1-	4ACSR	0	0	384	140	241	36	26	0.18	12.70	77
CO8037	CO8036	14.49	57 1-	4ACSR	0	0	377	139	240	36	26	0.23	12.93	97
CO8031	CO8037	14.59	56 1-	4ACSR	0	0	372	139	238	35	25	0.16	13.09	68
CO8032	CO8031	14.67	56 1-	4ACSR	0	0	368	138	237	35	25	0.14	13.23	58
CO8033	CO8032	14.73	54 1-	4ACSR	0	0	366	137	232	34	25	0.09	13.32	36
CO8029	CO8033	14.77	50 1-	4ACSR	0	0	364	137	221	33	24	0.05	13.37	21
OC1554156365	CO8029	14.77	49 1-	20 N FUSE	0	0	364	137	216	32	163	0.00	13.37	0
CO8030	OC1554156365	14.82	49 1-	4ACSR	0	0	362	137	216	32	23	0.07	13.44	27
CO7986	CO8030	14.85	3 1-	4ACSR	0	0	361	137	10	1	1	0.00	13.45	0
CO8011	CO7986	14.92	2 1-	2ACSR	0	0	358	136	9	1	1	0.00	13.45	0
CO7985	CO8030	14.85	4 1-	4ACSR	0	0	361	137	17	2	2	0.00	13.45	0
CO7987	CO7985	14.91	1 1-	4ACSR	0	0	357	136	10	1	1	0.00	13.45	0
CO7957	CO8030	14.98	42 1-	4ACSR	0	0	355	136	190	28	20	0.21	13.66	73
CO8097	CO7957	15.08	2 1-	4ACSR	0	0	350	135	13	2	1	0.00	13.66	0
CO8098	CO8097	15.11	1 1-	4ACSR	0	0	349	135	2	0	0	0.00	13.66	0
CO7954	CO7957	15.05	40 1-	4ACSR	0	0	352	135	176	26	19	0.07	13.73	23
CO7981	CO7954	15.15	1 1-	4ACSR	0	0	347	134	5	0	1	0.00	13.73	0
CO7953	CO7954	15.10	38 1-	4ACSR	0	0	349	135	161	24	17	0.06	13.79	18
CO8042	CO7953	15.16	37 1-	4ACSR	0	0	347	134	152	22	16	0.06	13.85	15
CO8043	CO8042	15.19	36 1-	4ACSR	0	0	345	134	144	21	16	0.03	13.89	9
CO8044	CO8043	15.23	35 1-	4ACSR	0	0	344	134	141	21	15	0.03	13.92	8
OC-1739632166	CO8044	15.23	34 1-	20 N FUSE	0	0	344	134	137	20	104	0.00	13.92	0
CO7952	OC-1739632166	15.33	32 1-	4ACSR	0	0	340	133	132	19	14	0.09	14.01	22
CO8046	CO7952	15.38	31 1-	4ACSR	0	0	338	133	127	19	14	0.05	14.05	10
CO8144	CO8046	15.49	30 1-	4ACSR	0	0	333	132	124	18	13	0.09	14.14	20
CO8143	CO8144	15.53	30 1-	4ACSR	0	0	332	132	124	18	13	0.03	14.18	8
CO8109	CO8143	15.64	2 1-	4ACSR	0	0	328	131	6	0	1	0.00	14.18	0
CO8110	CO8109	15.73	2 1-	4ACSR	0	0	324	130	6	0	1	0.00	14.19	0
CO21124490	CO8143	15.61	2 1-	2ACSR	0	0	329	131	12	1	1	0.00	14.18	0
CO8063	CO8143	15.82	0 1-	4ACSR	0	0	321	130	0	0	0	0.00	14.18	0
CO8062	CO8063	15.97	0 1-	4ACSR	0	0	316	129	0	0	0	0.00	14.18	0
CO8060	CO8143	15.56	26 1-	4ACSR	0	0	331	132	106	15	11	0.02	14.20	4
CO8061	CO8060	15.80	25 1-	4ACSR	0	0	322	130	99	14	11	0.16	14.36	28
CO8099	CO8061	15.82	3 1-	4ACSR	0	0	321	130	4	0	0	0.00	14.36	0
CO8100	CO8099	15.86	1 1-	4ACSR	0	0	319	130	0	0	0	0.00	14.36	0
CO7997	CO8099	16.00	1 1-	4ACSR	0	0	314	129	1	0	0	0.00	14.36	0
CO8176	CO8061	16.35	22 1-	4ACSR	0	0	303	126	95	14	10	0.35	14.71	61
CO8180	CO8176	16.80	14 1-	4ACSR	0	0	288	124	48	7	5	0.14	14.85	13
OC-1863946926	CO8180	16.80	14 1-	20 N FUSE	0	0	288	124	48	7	36	0.00	14.85	0
CO8177	OC-1863946926	17.01	14 1-	4ACSR	0	0	282	122	48	7	5	0.07	14.92	6
OC954442585	CO8177	17.01	14 1-	20 N FUSE	0	0	282	122	48	7	36	0.00	14.92	0
CO8079	OC954442585	17.07	14 1-	4ACSR	0	0	280	122	48	7	5	0.02	14.94	0
CO8178	CO8079	17.26	12 1-	4ACSR	0	0	275	121	35	5	4	0.04	14.98	3
CO8064	CO8178	17.29	12 1-	4ACSR	0	0	274	121	35	5	4	0.01	14.99	0
CO8014	CO8064	17.34	11 1-	1/0PRIURD	0	0	273	193	33	5	3	0.00	14.99	0
CO8155	CO8014	17.42	11 1-	1/0PRIURD	0	0	272	192	33	5	3	0.01	15.00	0
CO8156	CO8155	17.47	9 1-	1/0PRIURD	0	0	271	192	30	4	3	0.00	15.00	0
CO8019	CO8156	17.51	7 1-	1/0PRIURD	0	0	270	191	19	2	2	0.00	15.01	0
CO8020	CO8019	17.56	6 1-	1/0PRIURD	0	0	270	191	12	1	1	0.00	15.01	0
CO8012	CO8020	17.62	1 1-	1/0PRIURD	0	0	269	191	0	0	0	0.00	15.01	0
CO8158	CO8020	17.61	5 1-	1/0PRIURD	0	0	269	191	12	1	1	0.00	15.01	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8021	CO8158	17.68	4 1-	1/0PRIURD	0	0	268	190	9	1	1	0.00	15.01	0
CO8159	CO8021	17.73	3 1-	1/0PRIURD	0	0	267	190	6	0	1	0.00	15.01	0
CO8022	CO8159	17.75	0 1-	1/0PRIURD	0	0	267	189	0	0	0	0.00	15.01	0
CO8023	CO8022	17.80	0 1-	1/0PRIURD	0	0	266	189	0	0	0	0.00	15.01	0
CO8024	CO8023	17.83	0 1-	1/0PRIURD	0	0	265	189	0	0	0	0.00	15.01	0
CO8160	CO8159	17.75	3 1-	1/0PRIURD	0	0	267	189	6	0	1	0.00	15.01	0
CO8025	CO8160	17.87	3 1-	1/0PRIURD	0	0	265	189	6	0	1	0.00	15.01	0
CO8026	CO8025	17.90	0 1-	1/0PRIURD	0	0	264	188	0	0	0	0.00	15.01	0
CO8157	CO8020	17.62	0 1-	1/0PRIURD	0	0	269	190	0	0	0	0.00	15.01	0
CO8028	CO8157	17.67	0 1-	1/0PRIURD	0	0	268	190	0	0	0	0.00	15.01	0
CO30705	CO8028	17.69	0 1-	1/0PRIURD	0	0	268	190	0	0	0	0.00	15.01	0
CO8153	CO8155	17.47	2 1-	1/0PRIURD	0	0	271	192	4	0	0	0.00	15.00	0
CO8016	CO8153	17.52	1 1-	1/0PRIURD	0	0	270	191	0	0	0	0.00	15.00	0
CO8017	CO8016	17.56	0 1-	1/0PRIURD	0	0	270	191	0	0	0	0.00	15.00	0
CO8018	CO8017	17.59	0 1-	1/0PRIURD	0	0	269	191	0	0	0	0.00	15.00	0
CO8154	CO8153	17.47	0 1-	1/0PRIURD	0	0	271	192	0	0	0	0.00	15.00	0
CO8015	CO8154	17.50	0 1-	1/0PRIURD	0	0	271	191	0	0	0	0.00	15.00	0
CO8150	CO8079	17.28	2 1-	4ACSR	0	0	274	121	13	2	1	0.02	14.96	0
CO8152	CO8150	17.30	2 1-	4ACSR	0	0	274	121	13	2	1	0.00	14.96	0
CO8151	CO8152	17.32	2 1-	4ACSR	0	0	273	121	13	2	1	0.00	14.96	0
CO8059	CO8151	17.40	1 1-	4ACSR	0	0	271	120	2	0	0	0.00	14.96	0
CO7967	CO8176	16.62	7 1-	4ACSR	0	0	294	125	47	7	5	0.09	14.80	8
CO8010	CO7967	16.69	7 1-	4ACSR	0	0	292	124	47	7	5	0.02	14.82	0
CO8125	CO8010	16.74	5 1-	2ACSR	0	0	290	124	40	6	3	0.01	14.83	0
CO8127	CO8125	16.81	4 1-	2ACSR	0	0	289	124	37	5	3	0.01	14.84	0
CO8128	CO8127	16.88	3 1-	2ACSR	0	0	287	123	27	4	2	0.01	14.85	0
CO8131	CO8128	17.01	2 1-	2ACSR	0	0	284	123	18	2	2	0.01	14.86	0
CO8129	CO8131	17.03	2 1-	2ACSR	0	0	283	123	18	2	2	0.00	14.87	0
CO2011714091	CO8129	17.11	2 1-	2ACSR	0	0	282	123	18	2	2	0.01	14.87	0
CO-2018943446	CO2011714091	17.21	0 1-	2ACSR	0	0	279	122	0	0	0	0.00	14.87	0
CO-277186210	CO2011714091	17.19	2 1-	2ACSR	0	0	280	122	18	2	2	0.00	14.88	0
CO659471031	CO8128	16.92	1 1-	2ACSR	0	0	286	123	9	1	1	0.00	14.85	0
CO8126	CO8127	16.87	1 1-	2ACSR	0	0	287	124	10	1	1	0.00	14.84	0
CO8124	CO8125	16.82	1 1-	2ACSR	0	0	288	124	3	0	0	0.00	14.83	0
CO8009	CO7967	16.74	0 1-	4ACSR	0	0	290	124	0	0	0	0.00	14.80	0
CO7983	CO7952	15.41	1 1-	4ACSR	0	0	337	133	5	0	1	0.00	14.01	0
CO8096	OC-1739632166	15.30	2 1-	4ACSR	0	0	341	133	5	0	1	0.00	13.92	0
CO8095	CO8096	15.34	2 1-	4ACSR	0	0	340	133	5	0	1	0.00	13.92	0
CO7982	CO7953	15.16	1 1-	4ACSR	0	0	347	134	8	1	1	0.00	13.80	0
CO7958	CO8033	14.80	3 1-	4ACSR	0	0	363	137	9	1	1	0.00	13.32	0
CO8102	CO7958	14.86	2 1-	4ACSR	0	0	360	137	3	0	0	0.00	13.32	0
CO8101	CO8102	14.88	1 1-	4ACSR	0	0	359	136	0	0	0	0.00	13.32	0
CO8040	CO7958	15.00	1 1-	4ACSR	0	0	354	136	6	0	1	0.00	13.33	0
CO8168	CO8040	15.10	0 1-	4ACSR	0	0	349	135	0	0	0	0.00	13.33	0
SW214-B	CO8168	15.10	0 1-	Open	0	0	349	135	0	0	0	0.00	13.33	0
CO-1381611796	CO8031	14.59	0 1-	2ACSR	0	0	372	138	0	0	0	0.00	13.09	0
CO733768068	CO-1381611796	14.68	0 1-	2ACSR	0	0	369	138	0	0	0	0.00	13.09	0
CO7980	CO7950	14.07	1 1-	4ACSR	0	0	398	143	2	0	0	0.00	12.16	0
CO15553	CO15740	13.52	4 1-	4ACSR	0	0	429	147	17	2	2	0.01	11.08	0
CO492492742	CO15553	13.52	4 1-	2ACSR	0	0	428	147	17	2	1	0.00	11.08	0
CO15855	CO492492742	13.59	4 1-	4ACSR	0	0	424	146	17	2	2	0.01	11.09	0
CO15692	CO15855	13.72	4 1-	4ACSR	0	0	417	145	17	2	2	0.01	11.10	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15693	CO15692	13.78	4 1-	4ACSR	0	0	414	145	17	2	2	0.01	11.11	0
CO15694	CO15693	13.85	2 1-	4ACSR	0	0	410	144	14	2	2	0.00	11.11	0
CO15648	CO15855	13.76	0 1-	4ACSR	0	0	415	145	0	0	0	0.00	11.09	0
#SW1132832893-B	CO15648	13.76	0 1-	Open	0	0	415	145	0	0	0	0.00	11.09	0
CO15598	CO15638	13.18	1 1-	4ACSR	0	0	449	150	13	1	1	0.00	10.35	0
CO15784	CO30622	12.62	6 1-	4ACSR	0	0	486	155	31	4	3	0.01	9.09	0
CO15785	CO15784	12.73	4 1-	4ACSR	0	0	478	154	14	2	1	0.01	9.10	0
CO15783	CO15785	12.79	0 1-	4ACSR	0	0	474	153	0	0	0	0.00	9.10	0
CO30620	CO15782	12.35	2 1-	4ACSR	0	0	505	158	16	2	2	0.00	8.23	0
CO15611+	CO15659	11.63	2 1-	4ACSR	0	0	663	269	9	0	0	0.00	4.87	0
CO-182059144+	CO15611	11.69	1 1-	2ACSR	0	0	660	268	8	0	0	0.00	4.87	0
CO15547+	CO15635	11.57	148 3-	4/0ACSR	867	817	675	271	752	17	5	0.02	4.78	16
CO-2051357525+	CO15547	11.67	146 3-	2ACSR	859	810	668	270	746	17	10	0.02	4.80	28
CO1821471151+	CO-2051357525	11.69	145 3-	2ACSR	858	809	667	270	732	17	10	0.01	4.80	6
CO15589+	CO1821471151	11.73	1 1-	4ACSR	0	0	664	270	8	0	0	0.00	4.80	0
OC35528676+	CO15589	11.73	0 1-	20 N FUSE	0	0	664	270	0	0	0	0.00	4.80	0
CO15824+	CO1821471151	11.76	144 3-	4/0ACSR	855	806	664	270	724	16	5	0.01	4.81	5
CO15615+	CO15824	11.80	1 1-	2ACSR	0	0	662	269	10	0	0	0.00	4.81	0
OC1377302506+	CO15615	11.80	0 1-	20 N FUSE	0	0	662	269	0	0	0	0.00	4.81	0
CO15823+	CO15824	11.79	143 3-	4/0ACSR	853	805	663	270	715	16	5	0.00	4.81	2
CO15758+	CO15823	11.83	138 3-	4/0ACSR	852	803	662	270	700	16	5	0.00	4.81	3
CO15760+	CO15758	11.88	138 3-	4/0ACSR	849	801	660	269	700	16	5	0.00	4.82	4
CO15759+	CO15760	11.95	137 3-	4/0ACSR	846	798	657	269	691	16	5	0.01	4.82	5
CO15629+	CO15759	12.18	74 3-	4/0ACSR	836	788	648	268	412	9	3	0.01	4.84	6
CO15764+	CO15629	12.28	74 3-	4/0ACSR	832	784	644	267	412	9	3	0.00	4.84	3
CO15763+	CO15764	12.39	74 3-	4/0ACSR	827	779	640	267	412	9	3	0.01	4.85	3
CO15765+	CO15763	12.49	70 3-	4/0ACSR	823	775	636	266	400	9	3	0.00	4.85	2
CO15834+	CO15765	12.55	69 3-	4/0ACSR	820	773	634	266	393	9	3	0.00	4.85	0
CO15616+	CO15834	12.62	1 1-	2ACSR	0	0	630	265	7	0	0	0.00	4.85	0
OC176827358+	CO15616	12.62	0 1-	20 N FUSE	0	0	630	265	0	0	0	0.00	4.85	0
CO15833+	CO15834	12.57	67 3-	4/0ACSR	819	772	633	266	376	8	3	0.00	4.85	0
CO15766+	CO15833	12.62	67 3-	4/0ACSR	817	770	631	266	376	8	3	0.00	4.86	0
CO15591+	CO15766	12.67	3 1-	4ACSR	0	0	628	265	0	0	0	0.00	4.86	0
OC-770949565+	CO15591	12.67	0 1-	20 N FUSE	0	0	628	265	0	0	0	0.00	4.86	0
CO15549+	CO15766	12.72	63 3-	4/0ACSR	813	766	628	265	374	8	3	0.00	4.86	0
CO15626+	CO15549	12.80	23 3-	4/0ACSR	810	763	625	265	119	2	1	0.00	4.86	0
CO15862+	CO15626	12.89	21 3-	4/0ACSR	806	759	622	264	106	2	1	0.00	4.86	0
CO15732+	CO15862	12.99	19 3-	4/0ACSR	802	756	618	264	103	2	1	0.00	4.86	0
CO15731+	CO15732	13.02	19 3-	4/0ACSR	801	754	617	264	103	2	1	0.00	4.86	0
CO15539+	CO15731	13.11	17 3-	4/0ACSR	797	751	614	263	100	2	1	0.00	4.86	0
CO15623+	CO15539	13.25	7 3-	4/0ACSR	792	746	609	263	51	1	0	0.00	4.87	0
CO15622+	CO15623	13.30	7 3-	4/0ACSR	790	744	608	262	51	1	0	0.00	4.87	0
CO15580+	CO15622	13.46	1 1-	4ACSR	0	0	598	260	29	2	1	0.01	4.87	0
OC1753016893+	CO15580	13.46	1 1-	20 N FUSE	0	0	598	260	29	2	10	0.00	4.87	0
CO15837+	OC1753016893	13.49	1 1-	1/0PRIURD	0	0	597	427	29	2	1	0.00	4.87	0
CO15540+	CO15622	13.41	6 3-	4/0ACSR	786	740	604	262	22	0	0	0.00	4.87	0
CO15710+	CO15540	13.58	3 3-	4/0ACSR	779	734	598	261	20	0	0	0.00	4.87	0
CO15709+	CO15710	13.63	3 3-	4/0ACSR	778	732	597	261	20	0	0	0.00	4.87	0
CO15756+	CO15709	13.73	2 1-	4ACSR	0	0	591	260	10	0	0	0.00	4.87	0
OC328851662+	CO15756	13.73	1 1-	20 N FUSE	0	0	591	260	7	0	3	0.00	4.87	0
CO15757+	OC328851662	13.78	1 1-	4ACSR	0	0	588	259	7	0	0	0.00	4.87	0
CO2138805082+	CO15757	13.79	1 1-	2ACSR	0	0	587	259	7	0	0	0.00	4.87	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1597359425+	CO2138805082	13.85	1 1-	2ACSR	0	0	585	258	7	0	0	0.00	4.87	0
CO155781123+	CO2138805082	13.83	0 1-	2ACSR	0	0	586	258	0	0	0	0.00	4.87	0
CO15712+	CO15709	13.72	1 3-	4/0ACSR	774	729	594	261	10	0	0	0.00	4.87	0
CO30696+	CO15712	13.81	1 3-	4/0ACSR	771	725	591	260	10	0	0	0.00	4.87	0
CO15711+	CO30696	13.82	1 3-	4/0ACSR	770	725	591	260	10	0	0	0.00	4.87	0
CO15576+	CO15711	13.87	1 1-	4ACSR	0	0	587	259	10	0	1	0.00	4.87	0
OC1606187322+	CO15576	13.87	0 1-	20 N FUSE	0	0	587	259	0	0	0	0.00	4.87	0
CO15538+	CO15711	13.92	0 3-	4/0ACSR	767	722	587	260	0	0	0	0.00	4.87	0
CO15577+	CO15538	14.01	0 1-	4ACSR	0	0	583	258	0	0	0	0.00	4.87	0
CO15852+	CO15538	14.06	0 3-	4/0ACSR	762	717	583	259	0	0	0	0.00	4.87	0
CO15829+	CO15540	13.56	3 1-	4ACSR	0	0	595	260	2	0	0	0.00	4.87	0
OC-1185210042+	CO15829	13.56	3 1-	20 N FUSE	0	0	595	260	2	0	1	0.00	4.87	0
CO15581+	OC-1185210042	13.62	1 1-	4ACSR	0	0	591	259	0	0	0	0.00	4.87	0
CO15830+	OC-1185210042	13.60	2 1-	4ACSR	0	0	593	259	2	0	0	0.00	4.87	0
CO15579+	CO15539	13.23	1 1-	4ACSR	0	0	607	262	8	0	0	0.00	4.87	0
OC695745074+	CO15579	13.23	0 1-	20 N FUSE	0	0	607	262	0	0	0	0.00	4.87	0
CO15806+	CO15539	13.19	9 1-	4ACSR	0	0	609	262	41	2	2	0.00	4.87	0
OC2085677322+	CO15806	13.19	8 1-	20 N FUSE	0	0	609	262	36	2	13	0.00	4.87	0
CO15807+	OC2085677322	13.22	8 1-	4ACSR	0	0	607	262	36	2	2	0.00	4.87	0
CO15750+	CO15807	13.26	7 1-	4ACSR	0	0	605	261	26	1	1	0.00	4.87	0
CO15751+	CO15750	13.29	4 1-	4ACSR	0	0	603	261	11	0	1	0.00	4.87	0
CO15672+	CO15751	13.35	4 1-	4ACSR	0	0	599	260	11	0	1	0.00	4.87	0
CO15832+	CO15672	13.40	1 1-	4ACSR	0	0	596	260	1	0	0	0.00	4.87	0
CO15701+	CO15832	13.46	1 1-	4ACSR	0	0	592	259	1	0	0	0.00	4.87	0
CO15831+	CO15672	13.39	3 1-	4ACSR	0	0	597	260	10	0	1	0.00	4.87	0
CO15617+	CO15750	13.28	1 1-	2ACSR	0	0	604	261	1	0	0	0.00	4.87	0
CO15578+	CO15862	12.99	1 1-	4ACSR	0	0	615	263	0	0	0	0.00	4.86	0
OC-787997301+	CO15578	12.99	0 1-	20 N FUSE	0	0	615	263	0	0	0	0.00	4.86	0
CO15836+	CO15862	12.99	1 1-	4ACSR	0	0	615	263	3	0	0	0.00	4.86	0
OC254400226+	CO15836	12.99	0 1-	20 N FUSE	0	0	615	263	0	0	0	0.00	4.86	0
CO15847+	CO15549	12.72	39 1-	4ACSR	0	0	628	265	249	17	12	0.00	4.86	0
OC474+	CO15847	12.72	39 1-	35 E OCR	0	0	628	265	249	17	50	0.00	4.86	0
CO15848+	OC474	12.81	39 1-	4ACSR	0	0	622	264	249	17	12	0.03	4.90	14
CO15741+	CO15848	12.82	17 1-	4ACSR	0	0	621	264	87	6	4	0.00	4.90	0
CO15742+	CO15741	12.89	16 1-	4ACSR	0	0	616	263	83	5	4	0.01	4.91	0
CO15800+	CO15742	12.95	15 1-	4ACSR	0	0	613	262	77	5	4	0.01	4.91	0
CO15801+	CO15800	13.07	14 1-	4ACSR	0	0	605	260	77	5	4	0.01	4.93	0
CO15632+	CO15801	13.10	14 1-	4ACSR	0	0	604	260	77	5	4	0.00	4.93	0
CO15630+	CO15632	13.17	12 1-	4ACSR	0	0	599	259	68	4	3	0.01	4.94	0
CO15631+	CO15630	13.22	12 1-	4ACSR	0	0	596	258	68	4	3	0.00	4.94	0
CO15769+	CO15631	13.25	6 1-	4ACSR	0	0	594	258	40	2	2	0.00	4.95	0
CO15770+	CO15769	13.29	5 1-	4ACSR	0	0	591	257	38	2	2	0.00	4.95	0
CO15771+	CO15770	13.33	4 1-	4ACSR	0	0	589	257	29	2	1	0.00	4.95	0
CO15772+	CO15771	13.41	2 1-	4ACSR	0	0	585	256	8	0	0	0.00	4.95	0
CO15713+	CO15772	13.44	1 1-	4ACSR	0	0	583	255	0	0	0	0.00	4.95	0
CO15594+	CO15632	13.15	1 1-	4ACSR	0	0	601	259	0	0	0	0.00	4.93	0
CO15551+	CO15848	12.96	21 1-	4ACSR	0	0	612	262	155	10	8	0.04	4.93	9
CO15773+	CO15551	13.05	16 1-	4ACSR	0	0	607	261	129	9	6	0.02	4.95	4
CO15774+	CO15773	13.17	15 1-	4ACSR	0	0	599	259	122	8	6	0.02	4.97	4
CO15775+	CO15774	13.28	11 1-	4ACSR	0	0	592	258	88	6	4	0.01	4.98	0
CO15776+	CO15775	13.34	7 1-	4ACSR	0	0	589	257	48	3	2	0.00	4.99	0
CO15743+	CO15776	13.41	3 1-	4ACSR	0	0	584	256	21	1	1	0.00	4.99	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15684+	CO15551	13.02	4 1-	4ACSR	0	0	609	261	19	1	1	0.00	4.93	0
CO15767+	CO15684	13.05	3 1-	4ACSR	0	0	607	261	19	1	1	0.00	4.93	0
CO15768+	CO15767	13.11	2 1-	4ACSR	0	0	603	260	14	0	1	0.00	4.94	0
CO15596+	CO15551	13.04	0 1-	4ACSR	0	0	607	261	0	0	0	0.00	4.93	0
CO15811+	CO15763	12.44	3 1-	4ACSR	0	0	636	266	12	0	1	0.00	4.85	0
OC-1372524174+	CO15811	12.44	2 1-	20 N FUSE	0	0	636	266	5	0	2	0.00	4.85	0
CO15612+	OC-1372524174	12.47	1 1-	4ACSR	0	0	635	266	5	0	0	0.00	4.85	0
CO15812+	OC-1372524174	12.47	1 1-	4ACSR	0	0	635	266	0	0	0	0.00	4.85	0
CO15590+	CO15759	12.01	2 1-	4ACSR	0	0	653	268	7	0	0	0.00	4.82	0
CO15550+	CO15759	12.01	60 1-	4ACSR	0	0	653	268	271	19	14	0.02	4.85	11
CO15595+	CO15550	12.05	2 1-	4ACSR	0	0	649	267	11	0	1	0.00	4.85	0
CO15842+	CO15550	12.01	58 1-	4ACSR	0	0	652	268	260	18	13	0.00	4.85	0
OC471+	CO15842	12.01	58 1-	50 E OCR	0	0	652	268	260	18	37	0.00	4.85	0
CO15843+	OC471	12.06	58 1-	4ACSR	0	0	649	267	260	18	13	0.02	4.87	9
CO15761+	CO15843	12.08	58 1-	4ACSR	0	0	647	267	260	18	13	0.01	4.88	3
XFMR91	CO15761	12.08	57 1-	333 KVA 1PH AUT	0	0	692	165	259	18	79	0.69	5.57	0
CO15762	XFMR91	12.13	57 1-	4ACSR	0	0	686	164	259	36	26	0.08	5.65	36
CO30618	CO15762	12.19	56 1-	4ACSR	0	0	677	164	257	36	26	0.11	5.76	46
CO25542	CO30618	12.40	56 1-	4ACSR	0	0	650	161	257	36	26	0.34	6.10	141
CO25541	CO25542	12.55	54 1-	4ACSR	0	0	632	160	242	34	25	0.23	6.33	93
CO25530	CO25541	12.65	4 1-	4ACSR	0	0	620	159	22	3	2	0.01	6.34	0
CO25627	CO25530	12.70	3 1-	4ACSR	0	0	614	159	16	2	2	0.00	6.34	0
CO25628	CO25627	12.75	2 1-	4ACSR	0	0	609	158	13	1	1	0.00	6.35	0
CO25531	CO25530	12.75	1 1-	4ACSR	0	0	608	158	5	0	1	0.00	6.34	0
CO25528	CO25541	12.62	50 1-	4ACSR	0	0	624	159	220	31	22	0.10	6.43	37
CO25529	CO25528	12.69	50 1-	4ACSR	0	0	615	159	220	31	22	0.10	6.53	38
CO25527	CO25529	12.73	48 1-	4ACSR	0	0	611	158	204	29	21	0.05	6.58	17
CO25581	CO25527	12.77	48 1-	4ACSR	0	0	607	158	204	29	21	0.05	6.63	16
CO25582	CO25581	12.90	47 1-	4ACSR	0	0	591	157	204	29	21	0.18	6.80	61
CO25657	CO25582	12.98	46 1-	4ACSR	0	0	582	156	193	27	20	0.10	6.91	33
CO25583	CO25657	13.18	46 1-	4ACSR	0	0	562	154	193	27	20	0.24	7.15	79
CO25532	CO25583	13.21	4 1-	4ACSR	0	0	558	154	24	3	2	0.01	7.15	0
CO25533	CO25532	13.41	3 1-	4ACSR	0	0	539	152	24	3	2	0.02	7.18	0
CO25534	CO25533	13.45	2 1-	4ACSR	0	0	535	152	9	1	1	0.00	7.18	0
CO25535	CO25534	13.49	2 1-	4ACSR	0	0	531	151	9	1	1	0.00	7.18	0
CO25436	CO25583	13.25	42 1-	4ACSR	0	0	555	153	169	24	17	0.08	7.23	22
CO25539	CO25436	13.29	42 1-	4ACSR	0	0	551	153	169	24	17	0.04	7.27	13
OC1196531493	CO25539	13.29	41 1-	20 N FUSE	0	0	551	153	161	23	116	0.00	7.27	0
CO25540	OC1196531493	13.32	41 1-	4ACSR	0	0	548	153	161	23	17	0.03	7.30	8
CO25468	CO25540	13.37	1 1-	4ACSR	0	0	543	152	13	1	1	0.00	7.30	0
CO25433	CO25540	13.44	40 1-	4ACSR	0	0	536	152	148	21	15	0.12	7.42	30
CO25629	CO25433	13.65	2 1-	4ACSR	0	0	517	150	9	1	1	0.01	7.43	0
CO25543	CO25433	13.63	1 1-	4ACSR	0	0	518	150	9	1	1	0.01	7.43	0
CO-1888691206	CO25543	13.69	1 1-	2ACSR	0	0	514	150	9	1	1	0.00	7.44	0
CO-1254569879	CO-1888691206	13.75	1 1-	2ACSR	0	0	509	149	9	1	1	0.00	7.44	0
CO-1349707996	CO-1888691206	13.80	0 1-	2ACSR	0	0	506	149	0	0	0	0.00	7.44	0
CO25434	CO25433	13.50	37 1-	4ACSR	0	0	530	151	130	18	13	0.05	7.47	11
CO25658	CO25434	13.83	36 1-	4ACSR	0	0	501	148	127	18	13	0.27	7.74	59
CO25660	CO25658	13.89	36 1-	4ACSR	0	0	495	148	127	18	13	0.05	7.80	11
CO25659	CO25660	13.95	36 1-	4ACSR	0	0	490	147	127	18	13	0.05	7.84	10
CO25599	CO25659	14.00	34 1-	4ACSR	0	0	486	147	122	17	13	0.04	7.88	8
CO25471	CO25599	14.06	2 1-	4ACSR	0	0	482	146	6	0	1	0.00	7.88	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25435	CO25599	14.05	30 1-	4ACSR	0	0	482	146	116	16	12	0.04	7.92	7
CO25679	CO25435	14.06	28 1-	4ACSR	0	0	482	146	110	15	11	0.00	7.92	0
OC776	CO25679	14.06	28 1-	35 H OCR	0	0	482	146	110	15	45	0.00	7.92	0
CO25680	OC776	14.08	28 1-	4ACSR	0	0	480	146	110	15	11	0.02	7.94	3
CO25662	CO25680	14.25	28 1-	4ACSR	0	0	467	145	110	15	11	0.12	8.06	23
CO25546	CO25662	14.34	28 1-	4ACSR	0	0	460	144	110	15	11	0.07	8.13	13
CO25602	CO25546	14.44	25 1-	4ACSR	0	0	452	143	108	15	11	0.07	8.20	12
CO25603	CO25602	14.49	24 1-	4ACSR	0	0	449	143	100	14	10	0.03	8.23	5
CO25547	CO25603	14.52	24 1-	4ACSR	0	0	447	143	100	14	10	0.02	8.25	3
CO25548	CO25547	14.62	24 1-	4ACSR	0	0	440	142	100	14	10	0.07	8.32	11
CO25685	CO25548	14.98	23 1-	4ACSR	0	0	416	139	100	14	10	0.24	8.55	40
CO25619	CO25685	15.20	22 1-	4ACSR	0	0	403	137	90	13	9	0.13	8.68	20
CO25620	CO25619	15.27	20 1-	4ACSR	0	0	399	137	88	12	9	0.04	8.72	5
CO25655	CO25620	15.32	13 1-	4ACSR	0	0	396	137	58	8	6	0.02	8.74	0
CO25656	CO25655	15.50	13 1-	4ACSR	0	0	386	135	58	8	6	0.07	8.81	7
CO25618	CO25656	15.57	13 1-	4ACSR	0	0	382	135	57	8	6	0.02	8.83	2
CO30369	CO25618	15.69	12 1-	4ACSR	0	0	376	134	57	8	6	0.05	8.88	5
CO25838	CO30369	15.78	1 1-	4ACSR	0	0	371	133	8	1	1	0.00	8.88	0
CO30368	CO30369	15.87	7 1-	4ACSR	0	0	366	133	39	5	4	0.04	8.92	3
OC-81701200	CO30368	15.87	6 1-	20 N FUSE	0	0	366	133	37	5	27	0.00	8.92	0
CO25568	OC-81701200	15.93	6 1-	4ACSR	0	0	364	132	37	5	4	0.01	8.94	0
CO25569	CO25568	16.02	6 1-	4ACSR	0	0	359	132	37	5	4	0.02	8.96	0
CO25651	CO25569	16.12	6 1-	4ACSR	0	0	355	131	37	5	4	0.02	8.98	0
CO25652	CO25651	16.16	6 1-	4ACSR	0	0	353	131	37	5	4	0.01	8.99	0
CO30366	CO25652	16.25	6 1-	4ACSR	0	0	349	130	37	5	4	0.02	9.02	0
CO25985	CO30366	16.34	1 1-	4ACSR	0	0	345	130	8	1	1	0.00	9.02	0
CO25986	CO25985	16.36	1 1-	4ACSR	0	0	343	129	8	1	1	0.00	9.02	0
CO25989	CO25986	16.40	0 1-	4ACSR	0	0	342	129	0	0	0	0.00	9.02	0
CO25990	CO25989	16.46	0 1-	4ACSR	0	0	339	129	0	0	0	0.00	9.02	0
CO25991	CO25990	16.50	0 1-	4ACSR	0	0	338	129	0	0	0	0.00	9.02	0
CO25987	CO25986	16.48	1 1-	4ACSR	0	0	339	129	8	1	1	0.01	9.03	0
CO25988	CO25987	16.54	1 1-	4ACSR	0	0	336	128	8	1	1	0.00	9.03	0
CO25984	CO30366	16.35	5 1-	4ACSR	0	0	344	130	29	4	3	0.01	9.03	0
CO30367	CO25984	16.44	3 1-	4ACSR	0	0	340	129	18	2	2	0.01	9.04	0
CO25572	CO30367	16.53	0 1-	4ACSR	0	0	336	128	0	0	0	0.00	9.04	0
CO25487	CO25572	16.60	0 1-	4ACSR	0	0	333	128	0	0	0	0.00	9.04	0
CO25486	CO25572	16.62	0 1-	4ACSR	0	0	333	128	0	0	0	0.00	9.04	0
CO25485	CO25652	16.25	0 1-	4ACSR	0	0	349	130	0	0	0	0.00	8.99	0
CO25492	CO25569	16.15	0 1-	4ACSR	0	0	353	131	0	0	0	0.00	8.96	0
CO25982	CO30369	15.87	4 1-	4ACSR	0	0	367	133	10	1	1	0.01	8.89	0
CO25983	CO25982	16.07	4 1-	4ACSR	0	0	357	131	10	1	1	0.01	8.90	0
CO25837	CO25983	16.43	1 1-	4ACSR	0	0	341	129	2	0	0	0.00	8.90	0
CO25980	CO25983	16.14	2 1-	4ACSR	0	0	354	131	2	0	0	0.00	8.90	0
CO25981	CO25980	16.17	1 1-	4ACSR	0	0	352	131	0	0	0	0.00	8.90	0
CO25482	CO25620	15.44	0 1-	4ACSR	0	0	389	136	0	0	0	0.00	8.72	0
CO25442	CO25620	15.31	7 1-	4ACSR	0	0	396	137	31	4	3	0.01	8.73	0
CO25566	CO25442	15.34	6 1-	4ACSR	0	0	395	136	20	2	2	0.00	8.73	0
OC-1853630144	CO25566	15.34	6 1-	20 N FUSE	0	0	395	136	20	2	15	0.00	8.73	0
CO25567	OC-1853630144	15.41	6 1-	4ACSR	0	0	391	136	20	2	2	0.01	8.74	0
CO25621	CO25567	15.43	6 1-	4ACSR	0	0	390	136	20	2	2	0.00	8.74	0
CO25622	CO25621	15.67	5 1-	4ACSR	0	0	377	134	15	2	2	0.02	8.76	0
CO25623	CO25622	15.79	4 1-	4ACSR	0	0	371	133	11	1	1	0.01	8.77	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25441	CO25623	15.94	3 1-	4ACSR	0	0	363	132	11	1	1	0.01	8.78	0
CO25570	CO25441	16.15	2 1-	4ACSR	0	0	353	131	8	1	1	0.01	8.79	0
CO25571	CO25570	16.20	1 1-	4ACSR	0	0	351	131	8	1	1	0.00	8.80	0
CO25483	CO25441	16.01	1 1-	4ACSR	0	0	360	132	3	0	0	0.00	8.78	0
CO25484	CO25623	15.89	1 1-	4ACSR	0	0	366	133	0	0	0	0.00	8.77	0
CO25489	CO25567	15.51	0 1-	4ACSR	0	0	386	135	0	0	0	0.00	8.74	0
CO25488	CO25442	15.44	1 1-	4ACSR	0	0	389	136	10	1	1	0.00	8.73	0
CO25481	CO25685	15.08	1 1-	4ACSR	0	0	410	138	10	1	1	0.00	8.55	0
CO25474	CO25548	14.72	0 1-	4ACSR	0	0	433	141	0	0	0	0.00	8.32	0
CO25473	CO25548	14.71	0 1-	4ACSR	0	0	434	141	0	0	0	0.00	8.32	0
CO25472	CO25548	14.74	1 1-	4ACSR	0	0	431	141	0	0	0	0.00	8.32	0
CO25600	CO25546	14.38	3 1-	4ACSR	0	0	457	144	1	0	0	0.00	8.13	0
CO25601	CO25600	14.49	2 1-	4ACSR	0	0	449	143	0	0	0	0.00	8.13	0
CO25598	CO25435	14.17	1 1-	4ACSR	0	0	473	145	6	0	1	0.00	7.92	0
CO25681	CO25598	14.30	0 1-	4ACSR	0	0	463	144	0	0	0	0.00	7.92	0
CO25682	CO25681	14.31	0 1-	4ACSR	0	0	462	144	0	0	0	0.00	7.92	0
CO25470	CO25434	13.59	1 1-	4ACSR	0	0	522	150	2	0	0	0.00	7.47	0
CO25536	CO25436	13.31	0 1-	4ACSR	0	0	549	153	0	0	0	0.00	7.23	0
CO25538	CO25536	13.33	0 1-	2ACSR	0	0	547	153	0	0	0	0.00	7.23	0
CO25537	CO25536	13.32	0 1-	4ACSR	0	0	547	153	0	0	0	0.00	7.23	0
CO469768732	CO25582	13.03	1 1-	2ACSR	0	0	579	156	10	1	1	0.00	6.81	0
CO25469	CO25529	12.80	1 1-	4ACSR	0	0	603	158	10	1	1	0.00	6.53	0
CO15844+	CO15823	11.79	5 1-	6ACWC	0	0	663	270	15	1	1	0.00	4.81	0
OC472+	CO15844	11.79	5 1-	10 N FUSE	0	0	663	270	15	1	10	0.00	4.81	0
CO15845+	OC472	11.86	5 1-	6ACWC	0	0	658	269	15	1	1	0.00	4.81	0
CO15736+	CO15845	11.92	4 1-	6ACWC	0	0	654	268	15	1	1	0.00	4.81	0
CO15627+	CO15736	11.94	1 1-	6ACWC	0	0	652	268	0	0	0	0.00	4.81	0
CO15628+	CO15627	12.26	1 1-	6ACWC	0	0	630	263	0	0	0	0.00	4.81	0
CO15593+	CO15628	12.32	1 1-	6ACWC	0	0	626	262	0	0	0	0.00	4.81	0
CO15592+	CO15628	12.37	0 1-	6ACWC	0	0	622	262	0	0	0	0.00	4.81	0
CO15610+	CO15736	11.95	2 1-	4ACSR	0	0	651	267	6	0	0	0.00	4.81	0
CO-2135879147+	CO-2051357525	11.70	1 1-	2ACSR	0	0	667	270	13	0	1	0.00	4.80	0
CO15588+	CO15547	11.65	1 1-	4ACSR	0	0	669	270	3	0	0	0.00	4.78	0
OC-1177885129+	CO15588	11.65	0 1-	20 N FUSE	0	0	669	270	0	0	0	0.00	4.78	0
CO25554+	CO25438	11.30	2 1-	4ACSR	0	0	682	272	18	1	1	0.00	4.73	0
OC-401239478+	CO25554	11.30	1 1-	20 N FUSE	0	0	682	272	11	0	4	0.00	4.73	0
CO25555+	OC-401239478	11.40	1 1-	4ACSR	0	0	675	271	11	0	1	0.00	4.74	0
CO25491+	CO25636	10.72	3 1-	4ACSR	0	0	711	275	16	1	1	0.00	4.65	0
CO25633+	CO25638	10.67	3 1-	4ACSR	0	0	711	275	11	0	1	0.00	4.64	0
OC-426114774+	CO25633	10.67	2 1-	20 N FUSE	0	0	711	275	7	0	3	0.00	4.64	0
CO25634+	OC-426114774	10.72	1 1-	4ACSR	0	0	707	274	7	0	0	0.00	4.64	0
CO25632+	OC-426114774	10.71	1 1-	2ACSR	0	0	708	275	0	0	0	0.00	4.64	0
CO25556+	CO25632	10.75	1 1-	2ACSR	0	0	706	274	0	0	0	0.00	4.64	0
CO18339+	CO18501	9.18	1 1-	4ACSR	0	0	785	282	0	0	0	0.00	4.37	0
OC-1285291884+	CO18339	9.18	0 1-	20 N FUSE	0	0	785	282	0	0	0	0.00	4.37	0
CO18499+	CO18497	8.83	2 1-	4ACSR	0	0	809	285	1	0	0	0.00	4.32	0
OC-1516141742+	CO18499	8.83	1 1-	20 N FUSE	0	0	809	285	0	0	0	0.00	4.32	0
CO18500+	OC-1516141742	8.97	1 1-	4ACSR	0	0	793	283	0	0	0	0.00	4.32	0
CO18492+	CO18488	8.25	3 1-	4ACSR	0	0	845	288	19	1	1	0.00	4.22	0
OC107944535+	CO18492	8.25	2 1-	20 N FUSE	0	0	845	288	18	1	6	0.00	4.22	0
CO18493+	OC107944535	8.28	2 1-	4ACSR	0	0	842	287	18	1	1	0.00	4.22	0
CO18475+	CO18493	8.30	2 1-	4ACSR	0	0	839	287	18	1	1	0.00	4.22	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18476+	CO18475	8.30	1 1-	4ACSR	0	0	839	287	11	0	1	0.00	4.22	0
CO18423+	CO18476	8.38	1 1-	4ACSR	0	0	830	286	11	0	1	0.00	4.22	0
CO18340+	CO18475	8.33	1 1-	4ACSR	0	0	836	287	7	0	0	0.00	4.22	0
CO18341+	CO18490	8.18	1 1-	4ACSR	0	0	849	288	11	0	1	0.00	4.20	0
OC-587796621+	CO18341	8.18	0 1-	20 N FUSE	0	0	849	288	0	0	0	0.00	4.20	0
CO18484+	CO18315	8.06	55 1-	4ACSR	0	0	859	289	205	14	10	0.01	4.19	3
XFMR92	CO18484	8.06	53 1-	333 KVA 1PH AUT	0	0	793	168	199	13	61	0.51	4.70	0
CO18519	XFMR92	8.17	53 1-	4ACSR	0	0	775	167	199	27	20	0.14	4.84	45
CO18520	CO18519	8.21	52 1-	4ACSR	0	0	768	167	197	27	20	0.05	4.89	18
CO18587	CO18520	8.22	52 1-	4ACSR	0	0	766	167	197	27	20	0.01	4.90	3
OC554	CO18587	8.22	52 1-	25 H OCR	0	0	766	167	197	27	111	0.00	4.90	0
CO18588	OC554	8.25	52 1-	4ACSR	0	0	762	166	197	27	20	0.04	4.94	12
CO18575	CO18588	8.34	51 1-	4ACSR	0	0	746	165	196	27	20	0.12	5.06	38
CO18576	CO18575	8.36	51 1-	4ACSR	0	0	744	165	196	27	20	0.02	5.07	6
CO18515	CO18576	8.41	47 1-	4ACSR	0	0	736	165	180	25	18	0.05	5.13	16
CO-1529038829	CO18515	8.46	3 1-	2ACSR	0	0	729	164	8	1	1	0.00	5.13	0
CO18516	CO18515	8.53	43 1-	4ACSR	0	0	717	163	169	23	17	0.13	5.26	37
CO18517	CO18516	8.59	40 1-	4ACSR	0	0	708	163	156	21	16	0.06	5.33	17
CO18518	CO18517	8.72	39 1-	4ACSR	0	0	689	161	156	21	16	0.12	5.45	31
CO18514	CO18518	8.73	38 1-	4ACSR	0	0	688	161	150	21	15	0.01	5.46	2
CO18513	CO18514	8.82	37 1-	4ACSR	0	0	674	160	142	20	14	0.08	5.54	19
CO18510	CO18513	8.91	36 1-	4ACSR	0	0	662	160	132	18	13	0.07	5.61	15
CO18511	CO18510	8.96	35 1-	4ACSR	0	0	655	159	124	17	12	0.04	5.65	8
CO18512	CO18511	9.24	34 1-	4ACSR	0	0	619	156	123	17	12	0.21	5.86	43
CO18541	CO18512	9.31	27 1-	4ACSR	0	0	610	156	96	13	10	0.04	5.91	7
CO18542	CO18541	9.35	26 1-	4ACSR	0	0	605	155	90	12	9	0.02	5.93	4
CO18397	CO18542	9.47	3 1-	4ACSR	0	0	591	154	10	1	1	0.01	5.94	0
CO18398	CO18397	9.61	3 1-	4ACSR	0	0	575	153	10	1	1	0.01	5.95	0
CO18399	CO18398	9.68	3 1-	4ACSR	0	0	567	152	10	1	1	0.00	5.95	0
CO18347	CO18399	9.74	2 1-	4ACSR	0	0	561	152	9	1	1	0.00	5.95	0
CO18602	CO18542	9.61	18 1-	4ACSR	0	0	575	153	59	8	6	0.10	6.03	10
CO18603	CO18602	9.64	18 1-	4ACSR	0	0	571	153	59	8	6	0.01	6.04	0
CO18432	CO18603	9.79	2 1-	4ACSR	0	0	556	151	6	0	1	0.00	6.04	0
CO18433	CO18432	9.86	1 1-	4ACSR	0	0	548	151	0	0	0	0.00	6.04	0
CO18338	CO18603	9.71	16 1-	4ACSR	0	0	564	152	53	7	5	0.02	6.06	0
CO18400	CO18338	9.80	11 1-	4ACSR	0	0	554	151	41	5	4	0.02	6.09	0
CO18401	CO18400	9.82	10 1-	4ACSR	0	0	552	151	41	5	4	0.00	6.09	0
CO18435	CO18401	9.86	5 1-	4ACSR	0	0	548	151	21	2	2	0.01	6.10	0
CO18577	CO18435	9.90	5 1-	4ACSR	0	0	544	150	21	2	2	0.01	6.10	0
CO18578	CO18577	10.00	4 1-	4ACSR	0	0	534	150	19	2	2	0.01	6.11	0
CO18436	CO18578	10.04	3 1-	4ACSR	0	0	530	149	11	1	1	0.00	6.12	0
CO-937693563	CO18436	10.05	1 1-	2ACSR	0	0	530	149	2	0	0	0.00	6.12	0
CO1450680722	CO-937693563	10.10	1 1-	2ACSR	0	0	525	149	2	0	0	0.00	6.12	0
CO184785507	CO1450680722	10.23	1 1-	2ACSR	0	0	516	148	2	0	0	0.00	6.12	0
CO18434	CO18401	9.95	5 1-	4ACSR	0	0	539	150	20	2	2	0.01	6.11	0
CO18479	CO18434	9.97	3 1-	4ACSR	0	0	537	150	10	1	1	0.00	6.11	0
CO18390	CO18479	10.08	1 1-	2ACSR	0	0	528	149	7	0	1	0.00	6.11	0
CO18480	CO18479	10.00	2 1-	4ACSR	0	0	534	150	3	0	0	0.00	6.11	0
CO18396	CO18338	9.78	5 1-	4ACSR	0	0	556	151	13	1	1	0.01	6.07	0
CO18534	CO18396	9.88	4 1-	4ACSR	0	0	546	151	12	1	1	0.01	6.08	0
CO30625	CO18534	10.18	3 1-	4ACSR	0	0	517	148	10	1	1	0.02	6.10	0
CO8041	CO30625	10.21	3 1-	4ACSR	0	0	514	148	10	1	1	0.00	6.10	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7984	CO8041	10.27	2 1-	4ACSR	0	0	509	147	10	1	1	0.00	6.10	0
CO7956	CO8041	10.35	0 1-	4ACSR	0	0	502	147	0	0	0	0.00	6.10	0
CO30624	CO7956	10.61	0 1-	4ACSR	0	0	479	145	0	0	0	0.00	6.10	0
CO30623	CO30624	10.68	0 1-	4ACSR	0	0	473	144	0	0	0	0.00	6.10	0
CO8169	CO7956	10.35	0 1-	4ACSR	0	0	501	147	0	0	0	0.00	6.10	0
SW214-A	CO8169	10.35	0 1-	Open	0	0	501	147	0	0	0	0.00	6.10	0
CO18532	CO18542	9.45	2 1-	4ACSR	0	0	593	154	12	1	1	0.01	5.94	0
CO18533	CO18532	9.48	1 1-	4ACSR	0	0	589	154	9	1	1	0.00	5.94	0
CO18389	CO18542	9.40	2 1-	2ACSR	0	0	600	155	10	1	1	0.00	5.93	0
CO18346	CO18512	9.31	1 1-	4ACSR	0	0	610	156	4	0	0	0.00	5.87	0
CO18317	CO18512	10.01	5 1-	4ACSR	0	0	533	149	16	2	2	0.08	5.94	2
CO18539	CO18317	10.06	3 1-	4ACSR	0	0	528	149	4	0	0	0.00	5.95	0
CO18540	CO18539	10.11	2 1-	4ACSR	0	0	524	149	4	0	0	0.00	5.95	0
CO18348	CO18317	10.34	2 1-	4ACSR	0	0	503	147	12	1	1	0.01	5.96	0
CO18345	CO18516	8.59	2 1-	4ACSR	0	0	707	163	11	1	1	0.00	5.26	0
CO18394	CO18576	8.45	4 1-	4ACSR	0	0	729	164	16	2	2	0.01	5.08	0
OC-2034053652	CO18394	8.45	4 1-	20 N FUSE	0	0	729	164	16	2	11	0.00	5.08	0
CO18395	OC-2034053652	8.70	4 1-	4ACSR	0	0	692	162	16	2	2	0.03	5.11	0
CO18351	CO18395	8.89	2 1-	4ACSR	0	0	665	160	9	1	1	0.01	5.12	0
CO18350	CO18395	8.81	2 1-	4ACSR	0	0	676	161	8	1	1	0.00	5.11	0
CO18342+	CO18521	8.05	2 1-	4ACSR	0	0	858	289	4	0	0	0.00	4.17	0
OC1827299518+	CO18342	8.05	0 1-	20 N FUSE	0	0	858	289	0	0	0	0.00	4.17	0
CO18343+	CO18316	7.89	3 1-	4ACSR	0	0	869	290	21	1	1	0.00	4.14	0
OC1794852827+	CO18343	7.89	0 1-	20 N FUSE	0	0	869	290	0	0	0	0.00	4.14	0
CO18428+	CO18525	7.85	2 1-	4ACSR	0	0	873	290	12	0	1	0.00	4.13	0
OC-1706448282+	CO18428	7.85	2 1-	20 N FUSE	0	0	873	290	12	0	4	0.00	4.13	0
CO18429+	OC-1706448282	7.89	2 1-	4ACSR	0	0	869	290	12	0	1	0.00	4.13	0
CO18344+	CO18581	7.71	4 1-	2ACSR	0	0	883	291	20	1	1	0.00	4.09	0
OC-584664452+	CO18344	7.71	2 1-	20 N FUSE	0	0	883	291	14	0	5	0.00	4.09	0
CO18529+	OC-584664452	7.80	2 1-	4ACSR	0	0	872	290	14	0	1	0.00	4.09	0
CO-425166645+	OC-584664452	7.76	0 1-	2ACSR	0	0	878	290	0	0	0	0.00	4.09	0
CO23807+	CO23808	7.68	1 1-	4ACSR	0	0	882	290	7	0	0	0.00	4.06	0
OC317145740+	CO23807	7.68	0 1-	20 N FUSE	0	0	882	290	0	0	0	0.00	4.06	0
CO18839+	CO18808	7.61	2 1-	4ACSR	0	0	882	290	10	0	0	0.00	4.02	0
OC-2105536747+	CO18839	7.61	0 1-	20 N FUSE	0	0	882	290	0	0	0	0.00	4.02	0
CO18840+	CO18809	7.35	1 1-	4ACSR	0	0	898	291	3	0	0	0.00	3.94	0
OC-1616278211+	CO18840	7.35	0 1-	20 N FUSE	0	0	898	291	0	0	0	0.00	3.94	0
CO23811+	CO23812	6.47	1 1-	4ACSR	0	0	982	298	0	0	0	0.00	3.66	0
OC-1343674190+	CO23811	6.47	0 1-	20 N FUSE	0	0	982	298	0	0	0	0.00	3.66	0
CO23810+	CO23812	6.48	1 1-	4ACSR	0	0	981	297	4	0	0	0.00	3.66	0
OC956496149+	CO23810	6.48	1 1-	20 N FUSE	0	0	981	297	4	0	1	0.00	3.66	0
CO18448+	OC956496149	6.52	1 1-	4ACSR	0	0	974	297	4	0	0	0.00	3.66	0
CO18354+	CO18319	6.39	2 1-	4ACSR	0	0	988	298	4	0	0	0.00	3.64	0
OC-1104650291+	CO18354	6.39	0 1-	20 N FUSE	0	0	988	298	0	0	0	0.00	3.64	0
CO18461+	CO18478	5.37	1 1-	2ACSR	0	0	1105	306	11	0	0	0.00	3.32	0
OC-1634582392+	CO18461	5.37	1 1-	20 N FUSE	0	0	1105	306	11	0	4	0.00	3.32	0
CO18462+	OC-1634582392	5.40	1 1-	2ACSR	0	0	1100	305	11	0	0	0.00	3.32	0
CO18362+	CO18472	5.27	1 1-	4ACSR	0	0	1116	306	11	0	1	0.00	3.25	0
OC35784613+	CO18362	5.27	0 1-	20 N FUSE	0	0	1116	306	0	0	0	0.00	3.25	0
CO18363+	CO18563	5.12	1 1-	4ACSR	0	0	1138	307	3	0	0	0.00	3.15	0
OC-754811537+	CO18363	5.12	0 1-	20 N FUSE	0	0	1138	307	0	0	0	0.00	3.15	0
CO18327+	CO18557	4.84	111 3-	1/0ACSR	1398	1332	1185	310	471	10	5	0.00	3.02	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18559+	CO18327	4.92	107 3-	1/0ACSR	1385	1321	1173	310	419	9	4	0.01	3.02	4
CO18560+	CO18559	4.95	104 3-	1/0ACSR	1381	1316	1168	310	393	9	4	0.00	3.02	0
CO18376+	CO18560	4.99	1 1-	4ACSR	0	0	1160	309	4	0	0	0.00	3.02	0
OC-811875650+	CO18376	4.99	0 1-	20 N FUSE	0	0	1160	309	0	0	0	0.00	3.02	0
CO18328+	CO18560	5.00	103 3-	1/0ACSR	1373	1309	1160	309	389	8	4	0.00	3.03	2
CO18596+	CO18328	5.01	0 1-	4ACSR	0	0	1159	309	0	0	0	0.00	3.03	0
CO18597+	CO18596	5.21	0 1-	4ACSR	0	0	1115	305	0	0	0	0.00	3.03	0
CO18415+	CO18328	5.08	102 3-	1/0ACSR	1360	1296	1147	308	385	8	4	0.01	3.03	4
CO18416+	CO18415	5.14	102 3-	1/0ACSR	1352	1288	1139	308	385	8	4	0.00	3.04	3
CO18594+	CO18416	5.15	98 1-	4ACSR	0	0	1137	308	370	25	18	0.00	3.04	2
OC557+	CO18594	5.15	98 1-	50 L OCR	0	0	1137	308	370	25	0	0.00	3.04	0
CO18595+	OC557	5.25	98 1-	4ACSR	0	0	1115	306	370	25	18	0.06	3.10	37
CO1935338141+	CO18595	5.30	1 1-	2ACSR	0	0	1108	305	7	0	0	0.00	3.10	0
CO18570+	CO18595	5.31	97 1-	4ACSR	0	0	1103	305	363	25	18	0.03	3.14	20
CO18569+	CO18570	5.35	96 1-	4ACSR	0	0	1095	304	354	24	17	0.02	3.16	11
CO18382+	CO18569	5.46	1 1-	4ACSR	0	0	1075	302	9	0	0	0.00	3.16	0
CO18329+	CO18569	5.50	95 1-	4ACSR	0	0	1066	301	345	23	17	0.08	3.24	45
CO18417+	CO18329	5.63	88 1-	4ACSR	0	0	1041	299	319	22	16	0.07	3.30	34
CO18418+	CO18417	5.77	87 1-	4ACSR	0	0	1017	297	317	21	16	0.07	3.37	34
CO18379+	CO18418	5.83	1 1-	4ACSR	0	0	1005	296	3	0	0	0.00	3.37	0
CO18330+	CO18418	5.88	86 1-	4ACSR	0	0	997	295	314	21	16	0.05	3.42	28
CO18456+	CO18330	6.07	2 1-	4ACSR	0	0	966	292	1	0	0	0.00	3.42	0
CO18457+	CO18456	6.11	2 1-	4ACSR	0	0	958	291	1	0	0	0.00	3.42	0
CO18331+	CO18330	6.06	83 1-	4ACSR	0	0	966	292	312	21	15	0.09	3.51	46
CO18378+	CO18331	6.17	1 1-	4ACSR	0	0	949	290	1	0	0	0.00	3.51	0
CO18332+	CO18331	6.16	81 1-	4ACSR	0	0	950	290	307	21	15	0.05	3.56	25
CO18455+	CO18332	6.44	0 1-	4ACSR	0	0	908	286	0	0	0	0.00	3.56	0
CO30626+	CO18455	6.50	0 1-	4ACSR	0	0	900	285	0	0	0	0.00	3.56	0
CO8111+	CO30626	6.56	0 1-	4ACSR	0	0	890	284	0	0	0	0.00	3.56	0
CO18337+	CO18332	6.34	81 1-	4ACSR	0	0	923	287	307	21	15	0.08	3.65	42
CO30627+	CO18337	6.36	80 1-	4ACSR	0	0	920	287	303	21	15	0.01	3.66	5
CO8053+	CO30627	6.38	79 1-	4ACSR	0	0	917	287	301	20	15	0.01	3.67	5
CO8086+	CO8053	6.40	78 1-	4ACSR	0	0	914	286	300	20	15	0.01	3.67	4
CO8122+	CO8086	6.44	1 1-	2ACSR	0	0	908	286	6	0	0	0.00	3.68	0
CO8123+	CO8122	6.47	1 1-	2ACSR	0	0	905	286	6	0	0	0.00	3.68	0
CO8085+	CO8086	6.47	77 1-	4ACSR	0	0	903	285	293	20	15	0.04	3.71	17
CO8051+	CO8085	6.55	4 1-	4ACSR	0	0	892	284	12	0	1	0.00	3.71	0
CO8052+	CO8051	6.76	3 1-	4ACSR	0	0	863	281	9	0	0	0.00	3.72	0
CO30628+	CO8052	6.93	2 1-	4ACSR	0	0	841	278	3	0	0	0.00	3.72	0
CO18176+	CO30628	7.19	2 1-	4ACSR	0	0	808	274	3	0	0	0.00	3.72	0
CO18177+	CO18176	7.32	2 1-	4ACSR	0	0	793	273	3	0	0	0.00	3.72	0
CO18297+	CO18177	7.36	1 1-	2ACSR	0	0	789	272	0	0	0	0.00	3.72	0
CO18301+	CO18297	7.49	1 1-	2ACSR	0	0	777	271	0	0	0	0.00	3.72	0
CO18298+	CO18301	7.55	1 1-	2ACSR	0	0	772	270	0	0	0	0.00	3.72	0
CO18300+	CO18298	7.71	1 1-	2ACSR	0	0	759	269	0	0	0	0.00	3.72	0
CO18299+	CO18300	7.78	1 1-	2ACSR	0	0	753	268	0	0	0	0.00	3.72	0
CO8001+	CO8052	6.81	1 1-	4ACSR	0	0	856	280	6	0	0	0.00	3.72	0
CO8049+	CO8085	6.50	72 1-	4ACSR	0	0	899	285	280	19	14	0.01	3.72	4
CO8050+	CO8049	6.59	71 1-	4ACSR	0	0	886	283	257	17	13	0.04	3.76	16
CO7971+	CO8050	6.75	56 1-	4ACSR	0	0	864	281	210	14	10	0.05	3.81	18
OC-2039589854+	CO7971	6.75	56 1-	20 N FUSE	0	0	864	281	210	14	73	0.00	3.81	0
CO8002+	OC-2039589854	6.83	1 1-	4ACSR	0	0	854	280	8	0	0	0.00	3.81	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7972+	OC-2039589854	7.01	55 1-	4ACSR	0	0	830	277	202	14	10	0.08	3.89	28
CO8164+	CO7972	7.02	35 1-	4ACSR	0	0	829	277	120	8	6	0.00	3.90	0
OC212+	CO8164	7.02	35 1-	20 N FUSE	0	0	829	277	120	8	42	0.00	3.90	0
CO8165+	OC212	7.13	35 1-	4ACSR	0	0	815	275	120	8	6	0.02	3.92	4
CO8380+	CO8165	7.39	35 1-	4ACSR	0	0	785	272	120	8	6	0.05	3.97	10
CO7910+	CO8380	7.51	4 1-	4ACSR	0	0	771	270	13	0	1	0.00	3.97	0
CO7802+	CO7910	7.68	2 1-	4ACSR	0	0	754	268	2	0	0	0.00	3.97	0
CO7911+	CO7910	7.55	2 1-	4ACSR	0	0	768	269	11	0	1	0.00	3.97	0
CO7833+	CO8380	7.46	29 1-	4ACSR	0	0	777	271	107	7	5	0.01	3.98	0
CO7837+	CO7833	7.95	29 1-	4ACSR	0	0	726	264	107	7	5	0.08	4.06	15
OC-1943829210+	CO7837	7.95	29 1-	15 H OCR	0	0	726	264	107	7	50	0.00	4.06	0
CO7835+	OC-1943829210	8.01	29 1-	4ACSR	0	0	720	263	107	7	5	0.01	4.07	0
CO7834+	CO7835	8.09	28 1-	4ACSR	0	0	713	262	104	7	5	0.01	4.08	2
CO7836+	CO7834	8.16	27 1-	4ACSR	0	0	706	261	103	7	5	0.01	4.10	0
CO7905+	CO7836	8.27	1 1-	4ACSR	0	0	696	260	3	0	0	0.00	4.10	0
CO7904+	CO7905	8.35	1 1-	4ACSR	0	0	689	259	3	0	0	0.00	4.10	0
CO7830+	CO7836	8.33	25 1-	4ACSR	0	0	690	259	98	6	5	0.03	4.12	4
CO7832+	CO7830	8.46	24 1-	4ACSR	0	0	679	257	97	6	5	0.02	4.14	3
CO7831+	CO7832	8.57	22 1-	4ACSR	0	0	670	256	97	6	5	0.02	4.16	3
CO7909+	CO7831	8.70	10 1-	4ACSR	0	0	659	254	46	3	2	0.01	4.17	0
CO7907+	CO7909	8.77	7 1-	4ACSR	0	0	653	253	23	1	1	0.00	4.17	0
CO7935+	CO7907	8.83	1 1-	2ACSR	0	0	649	253	0	0	0	0.00	4.17	0
CO7934+	CO7907	8.82	1 1-	2ACSR	0	0	650	253	13	0	1	0.00	4.17	0
CO7906+	CO7907	8.87	2 1-	4ACSR	0	0	645	252	5	0	0	0.00	4.17	0
CO7908+	CO7906	8.91	1 1-	4ACSR	0	0	642	251	4	0	0	0.00	4.17	0
CO7839+	CO7831	8.72	12 1-	4ACSR	0	0	657	254	51	3	3	0.01	4.17	0
CO7838+	CO7839	9.00	10 1-	4ACSR	0	0	635	250	47	3	2	0.02	4.19	0
CO7913+	CO7838	9.04	3 1-	4ACSR	0	0	632	250	8	0	0	0.00	4.19	0
CO7912+	CO7913	9.10	2 1-	4ACSR	0	0	627	249	8	0	0	0.00	4.19	0
CO7914+	CO7912	9.15	1 1-	4ACSR	0	0	624	248	3	0	0	0.00	4.19	0
CO7841+	CO7838	9.04	7 1-	4ACSR	0	0	632	250	39	2	2	0.00	4.19	0
CO7840+	CO7841	9.10	5 1-	4ACSR	0	0	628	249	28	1	1	0.00	4.19	0
CO-2097389565+	CO7840	9.15	1 1-	2ACSR	0	0	625	249	10	0	0	0.00	4.20	0
CO7842+	CO7840	9.21	3 1-	4ACSR	0	0	619	248	10	0	0	0.00	4.20	0
CO7803+	CO7842	9.27	1 1-	4ACSR	0	0	615	247	5	0	0	0.00	4.20	0
CO7915+	CO7842	9.35	2 1-	4ACSR	0	0	610	246	4	0	0	0.00	4.20	0
CO7916+	CO7915	9.50	1 1-	4ACSR	0	0	599	244	3	0	0	0.00	4.20	0
CO7804+	CO7915	9.38	1 1-	4ACSR	0	0	607	246	1	0	0	0.00	4.20	0
CO7973+	CO7972	7.12	19 1-	4ACSR	0	0	816	275	82	5	4	0.01	3.91	0
CO8087+	CO7973	7.18	16 1-	4ACSR	0	0	809	275	71	4	4	0.01	3.91	0
CO8088+	CO8087	7.28	16 1-	4ACSR	0	0	798	273	71	4	4	0.01	3.93	0
CO8008+	CO8088	7.34	0 1-	4ACSR	0	0	791	272	0	0	0	0.00	3.93	0
CO7975+	CO8088	7.38	14 1-	4ACSR	0	0	786	272	53	3	3	0.01	3.93	0
CO8117+	CO7975	7.46	2 1-	4ACSR	0	0	777	271	5	0	0	0.00	3.93	0
CO8119+	CO8117	7.50	2 1-	4ACSR	0	0	773	270	5	0	0	0.00	3.93	0
CO8118+	CO8119	7.70	1 1-	4ACSR	0	0	751	267	3	0	0	0.00	3.93	0
CO8054+	CO7975	7.50	11 1-	4ACSR	0	0	773	270	41	2	2	0.01	3.94	0
CO8145+	CO8054	7.85	10 1-	4ACSR	0	0	736	265	41	2	2	0.02	3.96	0
CO8146+	CO8145	7.95	9 1-	4ACSR	0	0	726	264	35	2	2	0.01	3.97	0
CO8006+	CO8146	8.02	0 1-	4ACSR	0	0	720	263	0	0	0	0.00	3.97	0
CO7976+	CO8146	8.08	8 1-	4ACSR	0	0	713	262	33	2	2	0.01	3.97	0
CO8166+	CO7976	8.09	6 1-	4ACSR	0	0	713	262	28	1	1	0.00	3.97	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC213+	CO8166	8.09	6 1-	10 H OCR	0	0	713	262	28	1	19	0.00	3.97	0
CO8167+	OC213	8.17	6 1-	4ACSR	0	0	705	261	28	1	1	0.00	3.98	0
CO8092+	CO8167	8.45	4 1-	4ACSR	0	0	680	257	19	1	1	0.01	3.99	0
CO8093+	CO8092	8.58	4 1-	4ACSR	0	0	669	256	19	1	1	0.00	3.99	0
CO30655+	CO8093	8.84	4 1-	4ACSR	0	0	647	252	19	1	1	0.01	4.00	0
CO7900+	CO30655	8.95	3 1-	4ACSR	0	0	639	251	18	1	1	0.00	4.00	0
CO7903+	CO7900	9.02	3 1-	4ACSR	0	0	633	250	18	1	1	0.00	4.00	0
CO7901+	CO7903	9.11	1 1-	4ACSR	0	0	627	249	10	0	1	0.00	4.00	0
CO7902+	CO7901	9.16	1 1-	4ACSR	0	0	623	248	10	0	1	0.00	4.00	0
CO8174+	CO8093	8.58	0 1-	4ACSR	0	0	668	255	0	0	0	0.00	3.99	0
SW217-B+	CO8174	8.58	0 1-	Closed	0	0	668	255	0	0	0	0.00	3.99	0
SW217-A+	SW217-B	8.58	0 1-	Closed	0	0	668	255	0	0	0	0.00	3.99	0
CO8175+	SW217-A	8.71	0 1-	4ACSR	0	0	658	254	0	0	0	0.00	3.99	0
CO8381+	CO8175	8.98	0 1-	4ACSR	0	0	637	251	0	0	0	0.00	3.99	0
CO7843+	CO8381	9.01	0 1-	4ACSR	0	0	635	250	0	0	0	0.00	3.99	0
CO17314+	CO7843	9.59	0 1-	4ACSR	0	0	593	243	0	0	0	0.00	3.99	0
CO17315+	CO17314	9.60	0 1-	4ACSR	0	0	592	243	0	0	0	0.00	3.99	0
CO8089+	CO8167	8.48	2 1-	4ACSR	0	0	677	257	8	0	0	0.00	3.98	0
CO1689484997+	CO8089	8.54	1 1-	1/0PRIURD	0	0	674	436	8	0	0	0.00	3.98	0
CO8091+	CO8089	8.50	1 1-	4ACSR	0	0	675	257	0	0	0	0.00	3.98	0
CO8090+	CO8091	8.69	0 1-	4ACSR	0	0	659	254	0	0	0	0.00	3.98	0
CO8005+	CO7976	8.12	2 1-	4ACSR	0	0	710	261	5	0	0	0.00	3.97	0
CO7974+	CO8088	7.48	2 1-	4ACSR	0	0	775	270	18	1	1	0.01	3.93	0
CO8120+	CO7974	7.62	1 1-	4ACSR	0	0	760	268	2	0	0	0.00	3.93	0
CO8121+	CO8120	7.69	1 1-	4ACSR	0	0	752	267	2	0	0	0.00	3.93	0
CO8004+	CO7974	7.51	1 1-	4ACSR	0	0	771	270	17	1	1	0.00	3.93	0
CO8003+	CO7974	7.52	0 1-	4ACSR	0	0	771	270	0	0	0	0.00	3.93	0
CO8007+	CO7973	7.19	1 1-	4ACSR	0	0	808	274	5	0	0	0.00	3.91	0
CO7968+	CO8050	6.74	15 1-	4ACSR	0	0	866	281	47	3	2	0.01	3.77	0
OC1799535544+	CO7968	6.74	15 1-	20 N FUSE	0	0	866	281	47	3	16	0.00	3.77	0
CO7998+	OC1799535544	6.78	2 1-	4ACSR	0	0	860	281	12	0	1	0.00	3.77	0
CO7970+	OC1799535544	6.82	13 1-	4ACSR	0	0	855	280	35	2	2	0.00	3.77	0
CO8057+	CO7970	6.91	11 1-	4ACSR	0	0	843	279	24	1	1	0.00	3.78	0
CO8058+	CO8057	7.00	10 1-	4ACSR	0	0	832	277	24	1	1	0.00	3.78	0
CO8056+	CO8058	7.15	9 1-	4ACSR	0	0	814	275	24	1	1	0.01	3.78	0
CO8113+	CO8056	7.18	1 1-	4ACSR	0	0	810	275	0	0	0	0.00	3.78	0
CO8112+	CO8113	7.20	1 1-	4ACSR	0	0	807	274	0	0	0	0.00	3.78	0
CO8084+	CO8056	7.33	8 1-	4ACSR	0	0	792	272	23	1	1	0.01	3.79	0
CO8083+	CO8084	7.41	8 1-	4ACSR	0	0	783	271	23	1	1	0.00	3.79	0
CO8116+	CO8083	7.55	3 1-	4ACSR	0	0	767	269	3	0	0	0.00	3.79	0
CO8114+	CO8116	7.61	2 1-	4ACSR	0	0	761	268	0	0	0	0.00	3.79	0
CO8115+	CO8114	7.72	1 1-	4ACSR	0	0	750	267	0	0	0	0.00	3.79	0
CO7969+	CO8083	7.44	5 1-	4ACSR	0	0	779	271	20	1	1	0.00	3.79	0
CO8147+	CO7969	7.50	0 1-	4ACSR	0	0	773	270	0	0	0	0.00	3.79	0
CO8149+	CO8147	7.62	0 1-	4ACSR	0	0	760	268	0	0	0	0.00	3.79	0
CO8148+	CO8149	7.73	0 1-	4ACSR	0	0	748	267	0	0	0	0.00	3.79	0
CO8055+	CO8148	7.79	0 1-	4ACSR	0	0	742	266	0	0	0	0.00	3.79	0
CO8082+	CO7969	7.53	4 1-	4ACSR	0	0	769	269	18	1	1	0.00	3.80	0
CO-661667257+	CO8082	7.60	1 1-	4ACSR	0	0	762	269	9	0	0	0.00	3.80	0
CO-1018856131+	CO8082	7.71	2 1-	2ACSR	0	0	755	268	0	0	0	0.00	3.80	0
CO-352988509+	CO-1018856131	7.79	1 1-	1/0PRIURD	0	0	750	469	0	0	0	0.00	3.80	0
CO-974648861+	CO-1018856131	7.84	1 1-	2ACSR	0	0	744	267	0	0	0	0.00	3.80	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8081+	CO-974648861	7.92	1 1-	4ACSR	0	0	735	265	0	0	0	0.00	3.80	0
CO7999+	CO7970	6.89	2 1-	4ACSR	0	0	845	279	12	0	1	0.00	3.77	0
CO8000+	CO8053	6.47	1 1-	4ACSR	0	0	904	285	2	0	0	0.00	3.67	0
CO18386+	CO18337	6.37	1 1-	4ACSR	0	0	917	287	3	0	0	0.00	3.65	0
CO18381+	CO18329	5.60	1 1-	4ACSR	0	0	1048	300	8	0	0	0.00	3.24	0
CO18380+	CO18329	5.61	3 1-	4ACSR	0	0	1044	299	7	0	0	0.00	3.24	0
CO18377+	CO18416	5.19	2 1-	4ACSR	0	0	1127	307	12	0	1	0.00	3.04	0
OC-1695779267+	CO18377	5.19	0 1-	20 N FUSE	0	0	1127	307	0	0	0	0.00	3.04	0
CO18375+	CO18327	4.96	1 1-	4ACSR	0	0	1158	308	12	0	1	0.00	3.02	0
OC-1113607097+	CO18375	4.96	0 1-	20 N FUSE	0	0	1158	308	0	0	0	0.00	3.02	0
CO18258+	CO1197239777	3.19	5 1-	4ACSR	0	0	1579	332	14	0	1	0.00	1.35	0
CO18256+	CO18258	3.26	3 1-	4ACSR	0	0	1554	331	3	0	0	0.00	1.35	0
CO18146+	CO18256	3.31	0 1-	4ACSR	0	0	1538	330	0	0	0	0.00	1.35	0
CO18143+	CO18256	3.34	3 1-	4ACSR	0	0	1525	329	3	0	0	0.00	1.35	0
CO18178+	CO18256	3.35	0 1-	4ACSR	0	0	1522	329	0	0	0	0.00	1.35	0
CO18255+	CO1197239777	3.19	1 1-	4ACSR	0	0	1581	332	5	0	0	0.00	1.35	0
CO18254+	CO18109	2.96	2 1-	4ACSR	0	0	1610	332	14	0	1	0.00	1.27	0
OC-632782611+	CO18254	2.96	1 1-	20 N FUSE	0	0	1610	332	10	0	3	0.00	1.27	0
CO18253+	OC-632782611	3.01	1 1-	4ACSR	0	0	1591	331	10	0	0	0.00	1.27	0
CO18160+	CO18181	2.62	0 1-	2ACSR	0	0	1694	335	0	0	0	0.00	1.20	0
CO18185+	OH119	2.00	1 1-	4ACSR	0	0	1842	338	0	0	0	0.00	1.04	0
CO18136+	CO18111	1.75	1 1-	4ACSR	0	0	1895	338	9	0	0	0.00	0.97	0
CO18135+	CO18111	1.73	1 1-	4ACSR	0	0	1907	339	1	0	0	0.00	0.97	0
CO18113+	CO18111	1.74	8 1-	4ACSR	0	0	1901	338	17	1	1	0.00	0.97	0
CO18187+	CO18113	1.97	8 1-	4ACSR	0	0	1790	334	17	1	1	0.01	0.97	0
CO18310+	CO18187	2.01	8 1-	4ACSR	0	0	1768	333	17	1	1	0.00	0.97	0
OC1134132944+	CO18310	2.01	8 1-	20 N FUSE	0	0	1768	333	17	1	6	0.00	0.97	0
CO18309+	OC1134132944	2.12	1 1-	4ACSR	0	0	1718	330	5	0	0	0.00	0.98	0
CO18243+	OC1134132944	2.06	7 1-	4ACSR	0	0	1747	332	12	0	1	0.00	0.98	0
CO18303+	CO18243	2.14	1 1-	2ACSR	0	0	1714	330	5	0	0	0.00	0.98	0
CO18302+	CO18303	2.16	1 1-	2ACSR	0	0	1706	330	5	0	0	0.00	0.98	0
CO18242+	CO18243	2.16	5 1-	4ACSR	0	0	1699	330	2	0	0	0.00	0.98	0
CO18296+	CO18242	2.21	3 1-	4ACSR	0	0	1680	329	0	0	0	0.00	0.98	0
CO18295+	CO18296	2.21	2 1-	4ACSR	0	0	1676	329	0	0	0	0.00	0.98	0
CO18292+	CO18242	2.24	2 1-	4ACSR	0	0	1665	328	2	0	0	0.00	0.98	0
CO18294+	CO18292	2.37	2 1-	4ACSR	0	0	1609	325	2	0	0	0.00	0.98	0
CO18293+	CO18294	2.44	2 1-	4ACSR	0	0	1582	324	2	0	0	0.00	0.98	0
CO18274+	CO-1789048581	0.88	1 1-	4ACSR	0	0	2303	349	0	0	0	0.00	0.24	0
CO18272+	CO-1789048581	0.94	0 1-	4ACSR	0	0	2262	348	0	0	0	0.00	0.24	0
CO18275+	CO1682207591	0.85	1 1-	4ACSR	0	0	2311	349	9	0	0	0.00	0.23	0
CO18264+	CO-1310199621	0.29	2 1-	4ACSR	0	0	2554	352	14	0	1	0.00	0.08	0
CO18266+	CO18264	0.33	2 1-	4ACSR	0	0	2526	351	14	0	1	0.00	0.08	0
CO188965150+	CO-1734132280	0.01	283 3-	336ACSR	2527	2699	2700	353	1265	27	5	0.00	0.00	0
Burtonville+	CO188965150	0.01	283 3-	560 200WVE	2527	2699	2700	353	1265	27	5	0.00	0.00	0
CO-564722569+	Burtonville	0.01	283 3-	336ACSR	2526	2698	2700	353	1265	27	5	0.00	0.00	0
CO-1353315640+	CO-564722569	0.03	283 3-	2ACSR	2517	2681	2683	353	1265	27	15	0.01	0.01	15
CO-1724636343+	CO-1353315640	0.14	283 3-	2ACSR	2470	2598	2604	351	1265	27	15	0.03	0.04	76
CO18117+	CO-1724636343	0.24	283 3-	1/0ACSR	2432	2536	2541	350	1264	27	12	0.02	0.06	42
CO18153+	CO18117	0.28	2 1-	4ACSR	0	0	2508	349	14	0	1	0.00	0.06	0
CO18214+	CO18117	0.28	281 3-	1/0ACSR	2413	2507	2511	350	1251	27	12	0.01	0.07	21
CO18215+	CO18214	0.37	281 3-	1/0ACSR	2378	2453	2455	349	1251	27	12	0.02	0.09	39

Substation Power Factor: 0.99
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18201+	CO18215	0.47	24 1-	4ACSR	0	0	2383	347	57	3	3	0.01	0.10	0
CO18203+	CO18201	0.57	24 1-	4ACSR	0	0	2307	345	57	3	3	0.01	0.11	0
CO18202+	CO18203	0.79	24 1-	4ACSR	0	0	2159	340	57	3	3	0.02	0.13	0
CO18306+	CO18202	0.79	24 1-	4ACSR	0	0	2154	340	57	3	3	0.00	0.13	0
OC549+	CO18306	0.79	24 1-	35 E OCR	0	0	2154	340	57	3	11	0.00	0.13	0
CO18307+	OC549	0.87	24 1-	4ACSR	0	0	2102	338	57	3	3	0.01	0.13	0
CO18204+	CO18307	0.89	24 1-	4ACSR	0	0	2090	338	57	3	3	0.00	0.14	0
XFMR93	CO18204	0.89	22 1-	167 KVA 1PH AUT	0	0	718	172	50	3	29	0.19	0.33	0
CO18206	XFMR93	1.40	22 1-	4ACSR	0	0	660	167	50	6	5	0.15	0.48	12
CO18205	CO18206	1.45	21 1-	4ACSR	0	0	655	166	45	6	4	0.01	0.49	0
CO18151	CO18205	1.54	1 1-	4ACSR	0	0	644	165	6	0	1	0.00	0.49	0
CO18150	CO18205	1.54	1 1-	4ACSR	0	0	644	165	0	0	0	0.00	0.49	0
CO18116	CO18205	1.53	14 1-	4ACSR	0	0	645	165	33	4	3	0.02	0.51	0
CO18152	CO18116	1.58	1 1-	4ACSR	0	0	640	165	2	0	0	0.00	0.51	0
CO18213	CO18116	1.70	5 1-	4ACSR	0	0	627	164	8	1	1	0.01	0.52	0
CO23839	CO18213	1.78	4 1-	4ACSR	0	0	618	163	7	0	1	0.00	0.52	0
CO17865	CO23839	2.17	4 1-	4ACSR	0	0	579	159	7	0	1	0.02	0.54	0
CO17866	CO17865	2.39	3 1-	4ACSR	0	0	557	157	6	0	1	0.01	0.54	0
CO17863	CO17866	2.51	2 1-	4ACSR	0	0	546	156	5	0	0	0.00	0.55	0
CO17864	CO17863	2.56	0 1-	4ACSR	0	0	542	155	0	0	0	0.00	0.55	0
CO17862	CO17864	2.68	0 1-	4ACSR	0	0	531	154	0	0	0	0.00	0.55	0
CO17868	CO17862	2.88	0 1-	4ACSR	0	0	514	152	0	0	0	0.00	0.55	0
CO17867	CO17868	2.98	0 1-	4ACSR	0	0	505	151	0	0	0	0.00	0.55	0
CO23840	CO18116	1.77	8 1-	4ACSR	0	0	620	163	23	3	2	0.03	0.54	0
CO17945	CO23840	1.80	1 1-	2ACSR	0	0	617	163	1	0	0	0.00	0.54	0
CO17946	CO17945	1.84	1 1-	2ACSR	0	0	613	162	1	0	0	0.00	0.54	0
CO17876	CO23840	2.00	2 1-	4ACSR	0	0	596	161	4	0	0	0.01	0.54	0
CO17874	CO17876	2.09	2 1-	4ACSR	0	0	587	160	4	0	0	0.00	0.54	0
CO17875	CO17874	2.15	1 1-	4ACSR	0	0	580	159	4	0	0	0.00	0.55	0
CO17877	CO17875	2.22	1 1-	4ACSR	0	0	574	158	4	0	0	0.00	0.55	0
CO17873	CO17877	2.63	1 1-	4ACSR	0	0	535	155	4	0	0	0.01	0.56	0
CO17931	CO17873	2.71	0 1-	4ACSR	0	0	528	154	0	0	0	0.00	0.56	0
CO17930	CO17931	2.83	0 1-	4ACSR	0	0	518	153	0	0	0	0.00	0.56	0
CO17846	CO17873	2.77	1 1-	4ACSR	0	0	523	153	4	0	0	0.00	0.56	0
CO17871	CO23840	2.20	3 1-	4ACSR	0	0	576	159	7	0	1	0.02	0.55	0
CO17870	CO17871	2.39	2 1-	4ACSR	0	0	558	157	7	0	1	0.00	0.56	0
CO17872	CO17870	2.43	0 1-	4ACSR	0	0	553	156	0	0	0	0.00	0.56	0
CO17869	CO17872	2.63	0 1-	4ACSR	0	0	535	155	0	0	0	0.00	0.56	0
CO18207	CO18205	1.63	4 1-	4ACSR	0	0	634	164	6	0	1	0.01	0.50	0
CO18212	CO18207	1.72	4 1-	4ACSR	0	0	625	163	6	0	1	0.00	0.50	0
CO18211	CO18212	1.81	3 1-	4ACSR	0	0	616	163	5	0	1	0.00	0.50	0
CO18208	CO18211	1.91	2 1-	4ACSR	0	0	605	162	0	0	0	0.00	0.50	0
CO18210	CO18208	1.97	1 1-	4ACSR	0	0	599	161	0	0	0	0.00	0.50	0
CO18209	CO18210	2.01	1 1-	4ACSR	0	0	594	160	0	0	0	0.00	0.50	0
CO23841	CO18209	2.26	0 1-	4ACSR	0	0	570	158	0	0	0	0.00	0.50	0
CO18199+	CO18215	0.54	256 3-	1/0ACSR	2314	2359	2355	347	1187	26	11	0.03	0.12	67
CO18197+	CO18199	0.85	256 3-	1/0ACSR	2204	2208	2190	344	1187	26	11	0.06	0.18	122
CO18198+	CO18197	0.99	256 3-	1/0ACSR	2157	2147	2121	343	1186	26	11	0.03	0.21	55
CO18200+	CO18198	1.01	255 3-	1/0ACSR	2151	2140	2113	342	1179	26	11	0.00	0.21	7
CO18196+	CO18200	1.15	255 3-	1/0ACSR	2106	2084	2050	341	1179	26	11	0.03	0.23	53
CO18262+	CO18196	1.21	0 1-	4ACSR	0	0	2013	340	0	0	0	0.00	0.23	0
CO18261+	CO18262	1.22	0 1-	4ACSR	0	0	2006	339	0	0	0	0.00	0.23	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18263+	CO18261	1.35	0 1-	4ACSR	0	0	1932	336	0	0	0	0.00	0.23	0
CO18247+	CO18196	1.26	255 3-	1/0ACSR	2070	2041	2000	340	1179	26	11	0.02	0.26	44
CO18248+	CO18247	1.32	255 3-	1/0ACSR	2052	2019	1975	339	1179	26	11	0.01	0.27	23
CO18246+	CO18248	1.45	255 3-	1/0ACSR	2012	1971	1921	338	1178	26	11	0.02	0.29	52
CO18244+	CO18246	1.51	254 3-	1/0ACSR	1994	1951	1897	337	1174	25	11	0.01	0.30	23
CO18245+	CO18244	1.59	254 3-	1/0ACSR	1972	1923	1867	336	1174	25	11	0.01	0.32	30
CO18149+	CO18245	1.67	1 1-	4ACSR	0	0	1829	335	1	0	0	0.00	0.32	0
CO18312+	CO18245	1.72	253 3-	1/0ACSR	1934	1882	1819	335	1172	25	11	0.02	0.34	51
CO18195+	CO18312	1.75	253 3-	1/0ACSR	1926	1872	1807	335	1172	25	11	0.01	0.35	12
CO18714+	CO18195	1.81	253 3-	1/0ACSR	1910	1855	1787	334	1172	25	11	0.01	0.36	22
CO18713+	CO18714	1.84	253 3-	1/0ACSR	1901	1845	1776	334	1172	25	11	0.01	0.36	13
CO18712+	CO18713	1.98	251 3-	1/0ACSR	1866	1806	1731	333	1153	25	11	0.02	0.39	50
CO18637+	CO18712	2.01	1 1-	4ACSR	0	0	1714	332	11	0	1	0.00	0.39	0
CO18710+	CO18712	2.05	1 1-	4ACSR	0	0	1697	331	18	1	1	0.00	0.39	0
CO18711+	CO18710	2.09	1 1-	4ACSR	0	0	1681	330	18	1	1	0.00	0.39	0
CO18709+	CO18712	2.07	248 3-	1/0ACSR	1842	1779	1701	332	1122	24	11	0.02	0.40	33
CO18708+	CO18709	2.16	248 3-	1/0ACSR	1818	1755	1671	331	1122	24	11	0.02	0.42	33
CO18772+	CO18708	2.22	5 1-	4ACSR	0	0	1646	329	9	0	0	0.00	0.42	0
CO18773+	CO18772	2.33	4 1-	4ACSR	0	0	1604	327	5	0	0	0.00	0.42	0
CO18715+	CO18773	2.40	4 1-	4ACSR	0	0	1574	326	5	0	0	0.00	0.42	0
CO18636+	CO18715	2.48	1 1-	4ACSR	0	0	1545	324	0	0	0	0.00	0.42	0
CO18716+	CO18715	2.61	3 1-	4ACSR	0	0	1496	322	5	0	0	0.00	0.42	0
CO18774+	CO18716	2.63	3 1-	4ACSR	0	0	1487	321	5	0	0	0.00	0.42	0
CO18775+	CO18774	2.79	2 1-	4ACSR	0	0	1434	318	3	0	0	0.00	0.42	0
CO18613+	CO18775	2.87	1 1-	4ACSR	0	0	1405	317	3	0	0	0.00	0.42	0
CO18614+	CO18613	3.14	0 1-	4ACSR	0	0	1321	312	0	0	0	0.00	0.42	0
CO18719+	CO18613	2.95	1 1-	4ACSR	0	0	1380	315	3	0	0	0.00	0.42	0
CO18720+	CO18719	2.99	1 1-	4ACSR	0	0	1368	314	3	0	0	0.00	0.42	0
CO18717+	CO18775	2.90	1 1-	4ACSR	0	0	1396	316	0	0	0	0.00	0.42	0
CO18718+	CO18717	2.96	0 1-	4ACSR	0	0	1378	315	0	0	0	0.00	0.42	0
CO18760+	CO18708	2.27	243 3-	1/0ACSR	1791	1726	1638	330	1113	24	11	0.02	0.44	38
CO18759+	CO18760	2.33	243 3-	1/0ACSR	1776	1710	1620	329	1113	24	11	0.01	0.45	21
CO18707+	CO18759	2.40	242 3-	1/0ACSR	1760	1693	1600	328	1108	24	11	0.01	0.46	24
CO18706+	CO18707	2.50	242 3-	1/0ACSR	1736	1668	1571	327	1108	24	11	0.02	0.48	35
CO18705+	CO18706	2.58	242 3-	1/0ACSR	1718	1650	1551	327	1108	24	11	0.01	0.49	26
CO18762+	CO18705	2.64	242 3-	1/0ACSR	1705	1636	1535	326	1108	24	11	0.01	0.50	20
CO18761+	CO18762	2.66	242 3-	1/0ACSR	1701	1631	1530	326	1108	24	11	0.00	0.50	7
CO18617+	CO18761	2.80	239 3-	1/0ACSR	1670	1599	1494	324	1104	24	11	0.02	0.53	49
CO18643+	CO18617	2.84	1 1-	4ACSR	0	0	1481	324	13	0	1	0.00	0.53	0
CO18771+	CO18617	2.85	235 3-	1/0ACSR	1659	1588	1481	324	1078	23	10	0.01	0.54	17
CO18770+	CO18771	2.90	235 3-	1/0ACSR	1649	1578	1469	323	1078	23	10	0.01	0.54	16
CO18769+	CO18770	2.92	233 3-	1/0ACSR	1644	1574	1465	323	1072	23	10	0.00	0.55	6
CO18634+	CO18769	2.99	0 1-	4ACSR	0	0	1439	322	0	0	0	0.00	0.55	0
CO18768+	CO18769	2.94	232 3-	1/0ACSR	1640	1569	1460	323	1072	23	10	0.00	0.55	7
CO18802+	CO18768	2.96	232 3-	1/0ACSR	1636	1565	1455	323	1072	23	10	0.00	0.55	6
CO18801+	CO18802	3.22	231 3-	1/0ACSR	1583	1511	1394	320	1068	23	10	0.04	0.60	85
CO18792+	CO18801	3.50	230 3-	1/0ACSR	1530	1458	1336	318	1064	23	10	0.05	0.64	89
OC238601700+	CO18792	3.50	230 3-	20 N FUSE	1530	1458	1336	318	1063	23	118	0.00	0.64	0
CO18791+	OC238601700	3.51	230 3-	1/0ACSR	1529	1457	1335	318	1063	23	10	0.00	0.64	0
OC566+	CO18791	3.51	230 3-	50 L OCR	1529	1457	1335	318	1063	23	0	0.00	0.64	0
CO18755+	OC566	3.52	173 3-	1/0ACSR	1527	1455	1333	318	866	19	9	0.00	0.65	2
CO18756+	CO18755	3.55	173 3-	1/0ACSR	1522	1450	1327	317	866	19	9	0.00	0.65	6

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC2126572731+	CO18756	3.55	173 3-	100 L OCR	1522	1450	1327	317	866	19	20	0.00	0.65	0
XFMR95	OC2126572731	3.55	173 3-	333 KVA 1PH AUT	977	965	934	172	866	19	85	0.75	1.40	0
CO18797	XFMR95	3.67	173 3-	1/0ACSR	962	948	913	172	866	39	17	0.08	1.49	110
CO18798	CO18797	3.95	173 3-	1/0ACSR	927	909	867	170	865	39	17	0.20	1.69	255
CO18652	CO18798	4.09	172 3-	1/0ACSR	912	892	847	170	864	39	17	0.09	1.78	117
CO18653	CO18652	4.16	172 3-	1/0ACSR	904	883	836	169	864	39	17	0.05	1.82	63
CO30645	CO18653	4.16	3 1-	2ACSR	0	0	835	169	8	1	1	0.00	1.82	0
OC562	CO30645	4.16	3 1-	10 N FUSE	0	0	835	169	8	1	11	0.00	1.82	0
CO30646	OC562	4.19	3 1-	2ACSR	0	0	830	169	8	1	1	0.00	1.83	0
CO18784	CO30646	4.25	3 1-	2ACSR	0	0	821	168	8	1	1	0.00	1.83	0
CO18785	CO18784	4.35	3 1-	2ACSR	0	0	806	168	8	1	1	0.00	1.83	0
CO18786	CO18785	4.42	3 1-	2ACSR	0	0	795	167	8	1	1	0.00	1.83	0
CO18787	CO18786	4.50	3 1-	2ACSR	0	0	783	167	8	1	1	0.00	1.84	0
CO18788	CO18787	4.55	2 1-	2ACSR	0	0	775	166	8	1	1	0.00	1.84	0
CO18644	CO18788	4.61	1 1-	2ACSR	0	0	767	166	6	0	0	0.00	1.84	0
CO18615	CO18653	4.19	169 3-	1/0ACSR	900	879	831	169	855	39	17	0.02	1.85	31
CO18640	CO18615	4.24	1 1-	4ACSR	0	0	822	168	0	0	0	0.00	1.85	0
CO18778	CO18615	4.42	168 3-	1/0ACSR	875	851	799	168	855	39	17	0.16	2.00	201
CO18779	CO18778	4.43	167 3-	1/0ACSR	874	850	798	168	854	39	17	0.01	2.01	9
CO18777	CO18779	4.46	166 3-	1/0ACSR	870	846	794	168	852	39	17	0.02	2.03	28
CO18776	CO18777	4.50	166 3-	1/0ACSR	866	841	789	167	852	39	17	0.03	2.06	33
CO18639	CO18776	4.73	0 1-	4ACSR	0	0	751	165	0	0	0	0.00	2.06	0
CO18616	CO18776	4.70	166 3-	1/0ACSR	846	819	764	166	852	39	17	0.13	2.19	170
CO18803	CO18616	4.79	158 3-	1/0ACSR	836	808	752	166	805	36	16	0.06	2.25	77
CO18620	CO18803	4.89	2 1-	4ACSR	0	0	736	165	6	0	1	0.00	2.25	0
CO18604	CO18803	5.05	156 3-	1/0ACSR	811	781	722	165	799	36	16	0.16	2.41	194
CO18654	CO18604	5.13	155 3-	1/0ACSR	803	772	713	164	792	36	16	0.05	2.47	63
CO18740	CO18654	5.15	155 3-	1/0ACSR	801	770	711	164	792	36	16	0.01	2.48	16
CO18741	CO18740	5.28	154 3-	1/0ACSR	789	757	696	163	790	36	16	0.08	2.56	99
CO18789	CO18741	5.29	59 1-	6ACWC	0	0	695	163	270	37	27	0.01	2.57	5
OC564	CO18789	5.29	59 1-	50 H OCR	0	0	695	163	270	37	74	0.00	2.57	0
CO18790	OC564	5.42	59 1-	6ACWC	0	0	677	162	270	37	27	0.22	2.79	95
CO18729	CO18790	5.49	58 1-	6ACWC	0	0	668	161	264	36	26	0.11	2.90	48
CO18738	CO18729	5.60	55 1-	6ACWC	0	0	653	160	260	36	26	0.19	3.09	78
CO18739	CO18738	5.64	54 1-	6ACWC	0	0	648	160	259	35	26	0.07	3.16	28
CO18655	CO18739	5.72	48 1-	6ACWC	0	0	638	159	233	32	23	0.11	3.27	43
CO18656	CO18655	5.93	47 1-	6ACWC	0	0	612	157	231	31	23	0.30	3.57	113
CO18657	CO18656	6.01	47 1-	6ACWC	0	0	603	156	230	31	23	0.11	3.68	42
CO18659	CO18657	6.18	9 1-	4ACSR	0	0	584	155	55	7	5	0.06	3.74	5
CO18661	CO18659	6.26	8 1-	4ACSR	0	0	575	154	49	6	5	0.02	3.77	0
CO18662	CO18661	6.39	6 1-	4ACSR	0	0	561	153	49	6	5	0.04	3.80	3
CO18664	CO18662	6.42	5 1-	4ACSR	0	0	557	153	47	6	5	0.01	3.82	0
CO18804	CO18664	6.44	3 1-	4ACSR	0	0	556	152	38	5	4	0.00	3.82	0
CO18805	CO18804	6.49	3 1-	4ACSR	0	0	551	152	38	5	4	0.01	3.83	0
CO18665	CO18805	6.53	2 1-	4ACSR	0	0	546	152	29	4	3	0.01	3.84	0
CO18666	CO18665	6.61	2 1-	4ACSR	0	0	538	151	29	4	3	0.02	3.85	0
CO18667	CO18666	6.64	2 1-	4ACSR	0	0	535	151	29	4	3	0.01	3.86	0
CO18646	CO18667	6.72	1 1-	2ACSR	0	0	529	150	14	1	1	0.00	3.86	0
CO18668	CO18667	6.77	1 1-	4ACSR	0	0	523	150	15	2	1	0.01	3.87	0
CO18669	CO18668	6.88	1 1-	4ACSR	0	0	513	149	15	2	1	0.01	3.88	0
CO23777	CO18669	7.04	1 1-	4ACSR	0	0	499	147	15	2	1	0.01	3.89	0
CO21301	CO23777	7.06	1 1-	4ACSR	0	0	497	147	15	2	1	0.00	3.90	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21343	CO21301	7.28	0 1-	4ACSR	0	0	479	145	0	0	0	0.00	3.90	0
CO21342	CO21343	7.28	0 1-	4ACSR	0	0	479	145	0	0	0	0.00	3.90	0
CO18663	CO18664	6.52	2 1-	2ACSR	0	0	550	152	9	1	1	0.00	3.82	0
CO18660	CO18659	6.28	1 1-	4ACSR	0	0	573	154	6	0	1	0.00	3.74	0
CO18606	CO18657	6.27	38 1-	6ACWC	0	0	574	154	175	24	17	0.29	3.97	82
CO18732	CO18606	6.48	37 1-	6ACWC	0	0	552	152	174	24	17	0.22	4.19	63
OC573279180	CO18732	6.48	36 1-	20 N FUSE	0	0	552	152	171	23	120	0.00	4.19	0
CO18733	OC573279180	6.66	36 1-	6ACWC	0	0	534	151	171	23	17	0.20	4.39	56
CO18658	CO18733	6.82	35 1-	6ACWC	0	0	519	149	167	23	17	0.17	4.56	46
CO23774	CO18658	6.94	35 1-	6ACWC	0	0	509	148	167	23	17	0.12	4.68	34
CO21187	CO23774	7.14	32 1-	6ACWC	0	0	491	147	152	21	15	0.19	4.87	48
CO21228	CO21187	7.39	30 1-	6ACWC	0	0	471	145	145	20	15	0.23	5.10	55
CO21227	CO21228	7.54	30 1-	6ACWC	0	0	460	143	145	20	15	0.14	5.24	33
CO21201	CO21227	7.66	1 1-	4ACSR	0	0	451	142	6	0	1	0.00	5.24	0
CO21349	CO21227	7.54	29 1-	6ACWC	0	0	459	143	138	19	14	0.01	5.24	0
OC638	CO21349	7.54	29 1-	10 H OCR	0	0	459	143	138	19	194	0.00	5.24	0
CO21350	OC638	7.63	29 1-	6ACWC	0	0	453	143	138	19	14	0.07	5.32	16
CO21229	CO21350	7.68	29 1-	6ACWC	0	0	449	142	138	19	14	0.05	5.36	11
CO21189	CO21229	7.86	14 1-	6ACWC	0	0	437	141	57	8	6	0.07	5.43	6
OC34123186	CO21189	7.86	14 1-	20 N FUSE	0	0	437	141	57	8	40	0.00	5.43	0
CO21232	OC34123186	7.94	12 1-	6ACWC	0	0	431	140	41	5	4	0.02	5.45	0
CO21231	CO21232	8.14	12 1-	6ACWC	0	0	419	139	41	5	4	0.05	5.50	3
CO21240	CO21231	8.31	4 1-	4ACSR	0	0	408	138	12	1	1	0.01	5.51	0
CO21239	CO21240	8.42	3 1-	4ACSR	0	0	401	137	2	0	0	0.00	5.51	0
CO21237	CO21239	8.52	1 1-	4ACSR	0	0	396	136	0	0	0	0.00	5.51	0
CO21238	CO21237	8.57	0 1-	4ACSR	0	0	392	136	0	0	0	0.00	5.51	0
CO21236	CO21231	8.44	5 1-	8ACWC	0	0	395	136	10	1	1	0.03	5.53	0
CO-276496211	CO21236	8.64	4 1-	2ACSR	0	0	386	135	10	1	1	0.01	5.54	0
CO1976948756	CO-276496211	8.67	3 1-	2ACSR	0	0	385	134	2	0	0	0.00	5.54	0
CO21235	CO1976948756	8.73	3 1-	8ACWC	0	0	380	134	2	0	0	0.00	5.54	0
CO21234	CO21235	8.80	1 1-	8ACWC	0	0	375	133	0	0	0	0.00	5.54	0
CO21203	CO21234	9.17	1 1-	4ACSR	0	0	357	131	0	0	0	0.00	5.54	0
CO30542	CO21234	9.00	0 1-	8ACWC	0	0	362	131	0	0	0	0.00	5.54	0
CO21344	CO30542	9.00	0 1-	8ACWC	0	0	362	131	0	0	0	0.00	5.54	0
CO-1176267393	CO-276496211	8.68	1 1-	2ACSR	0	0	384	134	8	1	1	0.00	5.54	0
CO21308	CO21231	8.18	3 1-	4ACSR	0	0	416	138	20	2	2	0.01	5.51	0
CO21307	CO21308	8.31	2 1-	4ACSR	0	0	408	137	16	2	2	0.01	5.51	0
CO21306	OC34123186	8.07	2 1-	4ACSR	0	0	423	139	16	2	2	0.02	5.44	0
CO21305	CO21306	8.15	1 1-	4ACSR	0	0	418	139	8	1	1	0.00	5.45	0
CO21188	CO21229	7.86	15 1-	6ACWC	0	0	437	141	81	11	8	0.09	5.45	12
OC735311694	CO21188	7.86	15 1-	20 N FUSE	0	0	437	141	81	11	57	0.00	5.45	0
CO21230	OC735311694	7.98	15 1-	6ACWC	0	0	429	140	81	11	8	0.07	5.52	9
CO23772	CO21230	8.16	15 1-	6ACWC	0	0	417	139	81	11	8	0.09	5.61	12
CO21446	CO23772	8.23	12 1-	6ACWC	0	0	413	138	71	10	7	0.03	5.64	3
CO21448	CO21446	8.27	10 1-	6ACWC	0	0	410	138	62	8	6	0.02	5.66	0
CO21447	CO21448	8.32	10 1-	6ACWC	0	0	408	137	62	8	6	0.02	5.67	0
CO21449	CO21447	8.47	8 1-	6ACWC	0	0	399	136	50	7	5	0.05	5.72	4
CO23771	CO21449	8.62	7 1-	6ACWC	0	0	390	135	46	6	5	0.04	5.76	3
CO23770	CO23771	8.74	0 1-	4ACSR	0	0	383	134	0	0	0	0.00	5.76	0
CO18821	CO23771	8.66	7 1-	6ACWC	0	0	388	135	46	6	5	0.01	5.77	0
CO18946	CO18821	8.70	5 1-	6ACWC	0	0	386	135	42	5	4	0.01	5.78	0
CO19008	CO18946	8.78	5 1-	2ACSR	0	0	382	134	42	5	3	0.01	5.80	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-1726372136	CO19008	8.89	1 1-	2ACSR	0	0	378	134	0	0	0	0.00	5.80	0
CO409866866	CO19008	8.82	3 1-	2ACSR	0	0	380	134	28	3	2	0.01	5.80	0
CO19009	CO409866866	8.93	3 1-	6ACWC	0	0	375	133	28	3	3	0.01	5.82	0
CO-1609944947	CO19009	9.00	2 1-	2ACSR	0	0	372	133	17	2	1	0.01	5.82	0
CO718810466	CO-1609944947	9.21	0 1-	2ACSR	0	0	364	132	0	0	0	0.00	5.82	0
CO2078497979	CO718810466	9.41	0 1-	2ACSR	0	0	356	131	0	0	0	0.00	5.82	0
SW1852930236-B	CO2078497979	9.41	0 1-	Closed	0	0	356	131	0	0	0	0.00	5.82	0
SW1852930236-A	SW1852930236-B	9.41	0 1-	Closed	0	0	356	131	0	0	0	0.00	5.82	0
CO18947	CO-1609944947	9.07	2 1-	6ACWC	0	0	369	133	17	2	2	0.00	5.83	0
CO18854	CO18821	8.85	1 1-	4ACSR	0	0	378	134	4	0	0	0.00	5.78	0
CO21397	CO21446	8.35	2 1-	4ACSR	0	0	405	137	9	1	1	0.00	5.64	0
CO21412	CO23772	8.21	3 1-	2ACSR	0	0	415	138	10	1	1	0.00	5.61	0
CO21202	OC735311694	8.14	0 1-	4ACSR	0	0	418	139	0	0	0	0.00	5.45	0
CO21302	CO21187	7.25	2 1-	4ACSR	0	0	482	146	7	0	1	0.00	4.88	0
CO21304	CO21302	7.35	2 1-	4ACSR	0	0	474	145	7	0	1	0.00	4.88	0
CO30555	CO21304	7.39	2 1-	4ACSR	0	0	471	145	7	0	1	0.00	4.88	0
CO21303	CO30555	7.44	1 1-	4ACSR	0	0	467	144	7	0	1	0.00	4.88	0
CO23773	CO23774	7.07	3 1-	4ACSR	0	0	497	147	15	2	2	0.01	4.69	0
CO18730	CO23773	7.13	2 1-	4ACSR	0	0	492	147	0	0	0	0.00	4.69	0
CO18731	CO18730	7.22	1 1-	4ACSR	0	0	484	146	0	0	0	0.00	4.69	0
CO23775	CO18733	6.73	1 1-	4ACSR	0	0	527	150	4	0	0	0.00	4.39	0
CO23776	CO18606	6.50	1 1-	4ACSR	0	0	550	152	0	0	0	0.00	3.97	0
CO18736	CO18739	5.78	4 1-	4ACSR	0	0	630	158	25	3	2	0.02	3.18	0
CO18737	CO18736	5.90	3 1-	4ACSR	0	0	616	157	22	3	2	0.02	3.19	0
CO18621	CO18737	5.99	2 1-	4ACSR	0	0	605	157	9	1	1	0.00	3.20	0
CO18670	CO18737	6.09	1 1-	4ACSR	0	0	594	156	13	1	1	0.02	3.21	0
CO18671	CO18670	6.22	1 1-	4ACSR	0	0	579	154	13	1	1	0.01	3.22	0
CO18672	CO18671	6.29	1 1-	4ACSR	0	0	571	154	13	1	1	0.00	3.22	0
CO18734	CO18729	5.59	2 1-	4ACSR	0	0	655	160	3	0	0	0.00	2.91	0
CO18735	CO18734	5.65	1 1-	4ACSR	0	0	647	160	2	0	0	0.00	2.91	0
CO18605	CO18741	5.40	94 3-	1/0ACSR	779	746	684	163	508	23	10	0.05	2.61	36
CO30700	CO18605	5.64	0 3-	1/0ACSR	757	723	660	162	0	0	0	0.00	2.61	0
CO18618	CO18605	5.47	0 1-	4ACSR	0	0	674	162	0	0	0	0.00	2.61	0
CO18607	CO18605	5.40	94 3-	1/0ACSR	778	745	684	163	508	23	10	0.00	2.61	0
RG35	CO18607	5.40	93 3-	100	778	745	684	163	508	23	23	-2.61	0.00	0
CO18673	RG35	5.45	93 3-	1/0ACSR	774	740	679	163	508	22	10	0.02	0.02	16
CO18674	CO18673	5.52	93 3-	1/0ACSR	768	734	672	162	507	22	10	0.03	0.05	19
CO18753	CO18674	5.65	2 1-	4ACSR	0	0	654	161	2	0	0	0.00	0.05	0
CO18754	CO18753	5.84	1 1-	4ACSR	0	0	631	159	0	0	0	0.00	0.05	0
CO18677	CO18674	5.80	91 3-	1/0ACSR	744	708	645	161	506	22	10	0.11	0.16	85
CO18678	CO18677	5.92	91 3-	1/0ACSR	734	699	635	160	505	22	10	0.04	0.20	34
CO18679	CO18678	6.00	91 3-	1/0ACSR	728	691	627	160	505	22	10	0.03	0.24	25
CO18751	CO18679	6.09	91 3-	1/0ACSR	720	684	620	159	505	22	10	0.04	0.27	27
CO18752	CO18751	6.25	90 3-	1/0ACSR	708	671	607	159	502	22	10	0.06	0.33	46
CO18782	CO18752	6.32	87 3-	1/0ACSR	703	665	601	158	494	22	10	0.03	0.36	21
CO18783	CO18782	6.40	82 3-	1/0ACSR	697	659	594	158	475	21	9	0.03	0.39	22
CO18622	CO18783	6.45	1 1-	4ACSR	0	0	589	157	2	0	0	0.00	0.39	0
CO18608	CO18783	6.45	81 3-	1/0ACSR	693	655	590	158	473	21	9	0.02	0.41	14
CO18647	CO18608	6.91	2 1-	4ACSR	0	0	544	153	8	1	1	0.02	0.43	0
CO18648	CO18647	6.97	0 1-	4ACSR	0	0	539	153	0	0	0	0.00	0.43	0
CO18725	CO18647	7.07	2 1-	2ACSR	0	0	531	152	8	1	1	0.01	0.44	0
CO18726	CO18725	7.14	1 1-	2ACSR	0	0	526	152	7	0	1	0.00	0.44	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18724	CO18726	7.18	1 1-	2ACSR	0	0	523	152	7	0	1	0.00	0.44	0
CO18682	CO18608	6.57	79 3-	1/0ACSR	685	646	581	157	465	21	9	0.04	0.45	29
CO18749	CO18682	6.58	79 3-	1/0ACSR	684	645	581	157	465	21	9	0.00	0.46	2
CO18750	CO18749	6.61	77 3-	1/0ACSR	681	643	578	157	451	20	9	0.01	0.47	8
CO18795	CO18750	6.62	74 3-	1/0ACSR	681	642	577	157	435	19	9	0.00	0.47	0
OC569	CO18795	6.62	74 3-	70 L OCR	681	642	577	157	435	19	28	0.00	0.47	0
CO18796	OC569	6.63	74 3-	1/0ACSR	680	641	576	157	435	19	9	0.00	0.48	3
CO18683	CO18796	6.93	74 3-	1/0ACSR	660	620	556	155	435	19	9	0.10	0.58	64
CO18628	CO18683	7.05	2 1-	4ACSR	0	0	544	154	7	0	1	0.00	0.58	0
CO18625	CO18683	7.00	2 1-	4ACSR	0	0	549	155	2	0	0	0.00	0.58	0
CO18684	CO18683	6.94	70 3-	1/0ACSR	659	619	555	155	426	19	8	0.00	0.58	3
CO18685	CO18684	6.95	70 3-	1/0ACSR	658	619	554	155	426	19	8	0.00	0.58	2
CO18626	CO18685	7.12	1 1-	4ACSR	0	0	538	154	6	0	1	0.00	0.59	0
CO18609	CO18685	7.05	69 3-	1/0ACSR	652	612	547	155	419	18	8	0.03	0.62	20
CO18747	CO18609	7.10	21 3-	4ACSR	647	607	542	154	157	7	5	0.01	0.63	3
CO18748	CO18747	7.16	19 3-	4ACSR	641	602	537	154	133	6	4	0.01	0.64	3
CO23805	CO18748	7.30	18 1-	4ACSR	0	0	524	153	133	18	13	0.11	0.76	24
OC379878579	CO23805	7.30	18 1-	20 N FUSE	0	0	524	153	133	18	90	0.00	0.76	0
CO18963	OC379878579	7.50	15 1-	4ACSR	0	0	507	151	103	14	10	0.13	0.88	21
CO19014	CO18963	7.57	14 1-	4ACSR	0	0	501	150	95	12	9	0.04	0.93	6
CO19015	CO19014	7.70	13 1-	4ACSR	0	0	490	149	95	12	9	0.08	1.00	11
CO19016	CO19015	7.74	12 1-	4ACSR	0	0	487	149	89	12	9	0.02	1.02	3
CO18901	CO19016	7.78	11 1-	4ACSR	0	0	484	148	74	10	7	0.02	1.04	2
CO30550	CO18901	7.86	11 1-	4ACSR	0	0	478	148	74	10	7	0.03	1.08	4
CO18902	CO30550	7.95	10 1-	4ACSR	0	0	471	147	68	9	7	0.04	1.12	4
CO18954	CO18902	8.04	2 1-	4ACSR	0	0	465	146	16	2	2	0.00	1.12	0
CO18955	CO18954	8.08	1 1-	4ACSR	0	0	462	146	0	0	0	0.00	1.12	0
CO18876	CO18902	8.03	1 1-	4ACSR	0	0	465	146	2	0	0	0.00	1.12	0
CO18834	CO18902	7.98	7 1-	4ACSR	0	0	469	147	50	6	5	0.01	1.12	0
CO18906	CO18834	8.30	0 1-	4ACSR	0	0	446	144	0	0	0	0.00	1.12	0
CO18903	CO18834	8.04	7 1-	4ACSR	0	0	464	146	50	6	5	0.02	1.14	0
CO18904	CO18903	8.07	7 1-	4ACSR	0	0	463	146	50	6	5	0.01	1.15	0
CO18905	CO18904	8.12	4 1-	4ACSR	0	0	459	146	35	4	3	0.01	1.16	0
CO19018	CO18905	8.19	2 1-	4ACSR	0	0	453	145	23	3	2	0.01	1.17	0
CO19019	CO19018	8.25	1 1-	4ACSR	0	0	449	145	9	1	1	0.00	1.17	0
CO18959	CO19019	8.38	1 1-	4ACSR	0	0	440	143	9	1	1	0.00	1.17	0
CO18956	CO18905	8.25	2 1-	4ACSR	0	0	449	145	12	1	1	0.00	1.17	0
CO18957	CO18956	8.36	1 1-	4ACSR	0	0	442	144	0	0	0	0.00	1.17	0
CO18958	CO18957	8.48	1 1-	4ACSR	0	0	434	143	0	0	0	0.00	1.17	0
CO18881	CO18904	8.16	3 1-	2ACSR	0	0	457	145	15	2	1	0.01	1.16	0
CO-238451656	CO18881	8.20	2 1-	2ACSR	0	0	455	145	15	2	1	0.00	1.16	0
CO18875	CO19016	7.82	1 1-	4ACSR	0	0	481	148	16	2	2	0.00	1.03	0
CO18874	CO18963	7.56	1 1-	4ACSR	0	0	502	150	8	1	1	0.00	0.89	0
CO18880	OC379878579	7.33	3 1-	2ACSR	0	0	522	152	30	4	2	0.00	0.76	0
CO23804	CO18748	7.19	0 1-	4ACSR	0	0	534	154	0	0	0	0.00	0.64	0
CO18745	CO18609	7.07	45 1-	4ACSR	0	0	545	155	243	32	24	0.03	0.65	12
OC1960765186	CO18745	7.07	43 1-	20 N FUSE	0	0	545	155	230	31	156	0.00	0.65	0
CO18746	OC1960765186	7.08	43 1-	4ACSR	0	0	544	155	230	31	22	0.02	0.67	7
CO18686	CO18746	7.14	39 1-	4ACSR	0	0	539	154	196	26	19	0.07	0.73	20
CO18687	CO18686	7.19	38 1-	4ACSR	0	0	534	154	185	25	18	0.06	0.79	17
CO18649	CO18687	7.24	6 1-	4ACSR	0	0	530	153	37	4	4	0.01	0.80	0
CO18650	CO18649	7.29	3 1-	4ACSR	0	0	525	153	12	1	1	0.00	0.80	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18629	CO18649	7.27	1 1-	4ACSR	0	0	526	153	0	0	0	0.00	0.80	0
CO18688	CO18687	7.23	32 1-	4ACSR	0	0	531	153	149	20	14	0.03	0.82	8
CO18689	CO18688	7.35	30 1-	4ACSR	0	0	520	152	138	18	13	0.11	0.93	23
CO18743	CO18689	7.43	4 1-	4ACSR	0	0	513	151	34	4	3	0.01	0.94	0
CO18744	CO18743	7.49	3 1-	4ACSR	0	0	508	151	23	3	2	0.01	0.95	0
CO18651	CO18744	7.53	1 1-	4ACSR	0	0	504	151	3	0	0	0.00	0.95	0
CO18627	CO18744	7.57	2 1-	4ACSR	0	0	501	150	20	2	2	0.01	0.95	0
CO18742	CO18689	7.59	26 1-	4ACSR	0	0	499	150	103	14	10	0.16	1.08	26
CO23813	CO18742	7.83	25 1-	4ACSR	0	0	480	148	103	14	10	0.15	1.23	25
CO18175	CO23813	8.03	4 1-	4ACSR	0	0	465	146	5	0	0	0.00	1.24	0
CO18174	CO18175	8.20	2 1-	4ACSR	0	0	453	145	2	0	0	0.00	1.24	0
CO18126	CO18174	8.25	1 1-	4ACSR	0	0	449	144	2	0	0	0.00	1.24	0
CO18250	CO18174	8.32	1 1-	4ACSR	0	0	445	144	0	0	0	0.00	1.24	0
CO18249	CO18250	8.40	1 1-	4ACSR	0	0	439	143	0	0	0	0.00	1.24	0
CO18166	CO23813	8.06	21 1-	4ACSR	0	0	463	146	98	13	10	0.14	1.37	22
CO18165	CO18166	8.17	20 1-	4ACSR	0	0	455	145	96	13	9	0.07	1.44	10
CO18127	CO18165	8.31	1 1-	4ACSR	0	0	445	144	3	0	0	0.00	1.44	0
CO18101	CO18165	8.27	18 1-	4ACSR	0	0	448	144	86	11	8	0.05	1.49	7
CO18128	CO18101	8.30	1 1-	4ACSR	0	0	446	144	3	0	0	0.00	1.49	0
CO18102	CO18101	8.41	17 1-	4ACSR	0	0	439	143	83	11	8	0.07	1.56	10
CO23814	CO18102	8.66	1 1-	4ACSR	0	0	422	141	1	0	0	0.00	1.56	0
CO18167	CO18102	8.52	16 1-	4ACSR	0	0	431	142	82	11	8	0.06	1.62	8
CO18170	CO18167	8.63	16 1-	4ACSR	0	0	424	141	82	11	8	0.06	1.67	7
CO18171	CO18170	8.81	14 1-	4ACSR	0	0	413	140	78	10	8	0.09	1.76	11
CO18169	CO18171	8.95	14 1-	4ACSR	0	0	405	139	78	10	8	0.06	1.82	8
CO18168	CO18169	9.09	12 1-	4ACSR	0	0	397	138	70	9	7	0.06	1.88	7
CO18129	CO18168	9.17	1 1-	4ACSR	0	0	392	137	5	0	0	0.00	1.88	0
CO18173	CO18168	9.12	11 1-	4ACSR	0	0	395	138	65	8	6	0.01	1.90	0
CO18172	CO18173	9.24	11 1-	4ACSR	0	0	388	137	65	8	6	0.05	1.95	5
CO18130	CO18172	9.34	1 1-	4ACSR	0	0	383	136	1	0	0	0.00	1.95	0
CO18103	CO18172	9.44	10 1-	4ACSR	0	0	378	135	64	8	6	0.08	2.03	8
CO18104	CO18103	9.64	10 1-	4ACSR	0	0	368	134	64	8	6	0.08	2.10	8
CO18131	CO18104	9.69	1 1-	4ACSR	0	0	365	134	10	1	1	0.00	2.11	0
CO23816	CO18104	9.80	9 1-	4ACSR	0	0	360	133	53	7	5	0.05	2.16	4
CO23817	CO23816	9.96	9 1-	4ACSR	0	0	353	132	53	7	5	0.05	2.21	5
CO18132	CO23817	10.04	0 1-	4ACSR	0	0	349	131	0	0	0	0.00	2.21	0
CO18105	CO23817	10.14	8 1-	4ACSR	0	0	344	131	52	7	5	0.06	2.27	5
CO18311	CO18105	10.22	5 1-	4ACSR	0	0	341	130	30	4	3	0.01	2.28	0
CO18238	CO18311	10.27	4 1-	4ACSR	0	0	339	130	20	2	2	0.01	2.29	0
CO18157	CO18238	10.37	0 1-	4ACSR	0	0	335	129	0	0	0	0.00	2.29	0
CO18239	CO18238	10.33	4 1-	4ACSR	0	0	336	129	20	2	2	0.01	2.29	0
CO23820	CO18239	10.45	3 1-	4ACSR	0	0	332	129	14	1	1	0.01	2.30	0
CO18767	CO23820	10.53	2 1-	4ACSR	0	0	328	128	12	1	1	0.01	2.31	0
CO18642	CO18767	10.65	1 1-	4ACSR	0	0	324	127	0	0	0	0.00	2.31	0
CO23821	CO18767	10.77	1 1-	4ACSR	0	0	319	127	12	1	1	0.02	2.33	0
CO18158	CO23821	10.85	1 1-	4ACSR	0	0	316	126	12	1	1	0.00	2.33	0
CO18123	CO23821	10.87	0 1-	4ACSR	0	0	315	126	0	0	0	0.00	2.33	0
CO18124	CO18123	11.09	0 1-	4ACSR	0	0	307	125	0	0	0	0.00	2.33	0
CO18241	CO18123	10.96	0 1-	4ACSR	0	0	312	125	0	0	0	0.00	2.33	0
CO18240	CO18241	11.29	0 1-	4ACSR	0	0	300	123	0	0	0	0.00	2.33	0
CO23819	CO18105	10.24	1 1-	4ACSR	0	0	340	130	9	1	1	0.00	2.27	0
CO-1106983347	CO18105	10.18	1 1-	2ACSR	0	0	343	130	8	1	1	0.00	2.27	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23818	CO23817	10.03	1 1-	4ACSR	0	0	350	131	1	0	0	0.00	2.21	0
CO23815	CO18103	9.59	0 1-	4ACSR	0	0	370	134	0	0	0	0.00	2.03	0
CO-1404555457	CO18170	8.67	1 1-	1/0PRIURD	0	0	423	258	1	0	0	0.00	1.67	0
CO-634108238	CO18165	8.28	1 1-	2ACSR	0	0	449	145	7	0	0	0.00	1.44	0
CO18624	CO18750	6.67	1 1-	4ACSR	0	0	572	156	3	0	0	0.00	0.47	0
CO18623	CO18750	6.68	2 1-	4ACSR	0	0	571	156	13	1	1	0.00	0.47	0
CO1600253742	CO18782	6.38	0 1-	2ACSR	0	0	595	158	0	0	0	0.00	0.36	0
CO-1476573611	CO18782	6.41	2 1-	2ACSR	0	0	593	158	7	0	1	0.00	0.36	0
CO18680	CO18752	6.40	3 1-	4ACSR	0	0	590	157	8	1	1	0.00	0.34	0
CO18681	CO18680	6.47	1 1-	4ACSR	0	0	582	157	1	0	0	0.00	0.34	0
CO18675	CO18607	5.51	1 1-	1/0ACSR	0	0	673	162	0	0	0	0.00	2.61	0
CO18676	CO18675	5.61	1 1-	1/0ACSR	0	0	663	162	0	0	0	0.00	2.61	0
CO18645	CO18676	5.68	1 1-	1/0PRIURD	0	0	657	341	0	0	0	0.00	2.61	0
CO18619	CO18604	5.15	1 1-	4ACSR	0	0	707	163	6	0	1	0.00	2.42	0
CO18638	CO18616	4.83	2 1-	4ACSR	0	0	742	165	12	1	1	0.00	2.19	0
CO18721	CO18616	4.77	5 1-	4ACSR	0	0	752	166	25	3	2	0.01	2.20	0
CO18780	CO18721	4.88	3 1-	4ACSR	0	0	733	164	21	2	2	0.01	2.21	0
CO18781	CO18780	4.99	2 1-	4ACSR	0	0	717	163	10	1	1	0.00	2.21	0
CO18641	CO18798	4.05	1 1-	4ACSR	0	0	848	169	0	0	0	0.00	1.69	0
CO18611+	OC566	3.58	57 3-	1/0ACSR	1515	1444	1320	317	197	7	3	0.00	0.64	3
CO18793+	CO18611	3.59	6 1-	4ACSR	0	0	1318	317	27	1	1	0.00	0.64	0
OC561+	CO18793	3.59	6 1-	25 E OCR	0	0	1318	317	27	1	7	0.00	0.64	0
CO18794+	OC561	3.68	6 1-	4ACSR	0	0	1292	315	27	1	1	0.00	0.65	0
CO18632+	CO18794	3.74	1 1-	4ACSR	0	0	1277	314	7	0	0	0.00	0.65	0
CO18696+	CO18794	3.86	4 1-	4ACSR	0	0	1246	312	15	1	1	0.00	0.65	0
CO18697+	CO18696	3.93	4 1-	4ACSR	0	0	1226	310	15	1	1	0.00	0.65	0
CO18698+	CO18697	4.26	4 1-	4ACSR	0	0	1150	305	15	1	1	0.01	0.66	0
CO18699+	CO18698	4.37	2 1-	4ACSR	0	0	1125	303	11	0	1	0.00	0.66	0
CO18700+	CO18699	4.52	1 1-	4ACSR	0	0	1092	300	0	0	0	0.00	0.66	0
CO18701+	CO18700	4.56	1 1-	4ACSR	0	0	1084	299	0	0	0	0.00	0.66	0
CO23778+	CO18701	4.62	0 1-	4ACSR	0	0	1073	298	0	0	0	0.00	0.66	0
CO21300+	CO23778	4.84	0 1-	4ACSR	0	0	1030	295	0	0	0	0.00	0.66	0
CO18702+	CO18701	4.68	1 1-	4ACSR	0	0	1061	297	0	0	0	0.00	0.66	0
CO18703+	CO18702	4.81	1 1-	4ACSR	0	0	1035	295	0	0	0	0.00	0.66	0
CO18693+	CO18611	3.77	51 3-	397ACSR	1495	1423	1296	316	170	7	1	-0.01	0.64	0
CO30678+	CO18693	3.98	0 3-	397ACSR	1473	1402	1272	316	0	0	0	0.00	0.64	0
CO18692+	CO18693	3.78	51 3-	397ACSR	1494	1422	1295	316	170	7	1	0.00	0.64	0
CA66+	CO18692	3.78	0 3-	Capacitor	1494	1422	1295	316	0	-7	0	0.00	0.64	0
CO-1903870879+	CO18692	3.83	1 1-	2ACSR	0	0	1284	316	8	0	0	0.00	0.64	0
CO18610+	CO18692	3.97	49 3-	1/0ACSR	1461	1390	1260	314	162	3	2	0.01	0.64	0
CO18631+	CO18610	4.14	2 1-	4ACSR	0	0	1217	311	7	0	0	0.00	0.64	0
CO18691+	CO18610	4.06	47 3-	1/0ACSR	1445	1375	1243	314	155	3	2	0.00	0.65	0
CO18690+	CO18691	4.40	47 3-	1/0ACSR	1392	1322	1187	311	155	3	2	0.01	0.66	2
CO18630+	CO18690	4.55	1 1-	4ACSR	0	0	1153	308	0	0	0	0.00	0.66	0
CO23793+	CO18690	4.70	46 3-	1/0ACSR	1347	1279	1141	308	155	3	2	0.01	0.67	0
CO18040+	CO23793	4.78	13 1-	4ACSR	0	0	1123	306	23	1	1	0.00	0.67	0
XFMR97	CO18040	4.78	13 1-	167 KVA 1PH AUT	0	0	634	168	23	1	14	0.09	0.76	0
CO18098	XFMR97	4.79	13 1-	4ACSR	0	0	633	168	23	3	2	0.00	0.76	0
OC547	CO18098	4.79	13 1-	35 E OCR	0	0	633	168	23	3	9	0.00	0.76	0
CO18099	OC547	4.91	13 1-	4ACSR	0	0	622	166	23	3	2	0.02	0.78	0
CO18083	CO18099	5.20	11 1-	4ACSR	0	0	594	163	20	2	2	0.03	0.81	0
CO18084	CO18083	5.42	10 1-	4ACSR	0	0	574	161	17	2	2	0.02	0.83	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18041	CO18084	5.54	10 1-	6HDCU	0	0	563	160	17	2	2	0.01	0.84	0
CO18085	CO18041	5.61	10 1-	6HDCU	0	0	557	159	17	2	2	0.01	0.85	0
CO18086	CO18085	6.20	9 1-	6HDCU	0	0	508	154	16	2	2	0.06	0.91	0
CO18087	CO18086	6.33	8 1-	6HDCU	0	0	498	153	16	2	2	0.01	0.92	0
CO18088	CO18087	6.39	6 1-	6HDCU	0	0	494	152	13	1	1	0.00	0.92	0
CO23824	CO18088	6.50	6 1-	6HDCU	0	0	485	151	13	1	1	0.01	0.93	0
CO23823	CO23824	6.59	0 1-	4ACSR	0	0	478	150	0	0	0	0.00	0.93	0
CO23822	CO23824	6.63	6 1-	6HDCU	0	0	475	150	13	1	1	0.01	0.94	0
CO18147	CO23822	6.67	1 1-	4ACSR	0	0	473	150	3	0	0	0.00	0.94	0
CO18189	CO23822	6.93	5 1-	6HDCU	0	0	455	147	10	1	1	0.01	0.96	0
CO18188	CO18189	7.09	4 1-	6HDCU	0	0	444	146	6	0	1	0.01	0.96	0
CO18190	CO18188	7.21	3 1-	6HDCU	0	0	437	145	6	0	1	0.00	0.97	0
CO18148	CO18190	7.51	1 1-	4ACSR	0	0	418	143	0	0	0	0.00	0.97	0
CO18194	CO18190	7.24	2 1-	4ACSR	0	0	435	145	6	0	1	0.00	0.97	0
CO18193	CO18194	7.35	1 1-	4ACSR	0	0	428	144	3	0	0	0.00	0.97	0
CO18191	CO18193	7.56	1 1-	4ACSR	0	0	416	142	3	0	0	0.00	0.97	0
CO18192	CO18191	7.65	1 1-	4ACSR	0	0	410	142	3	0	0	0.00	0.98	0
CO18046	CO18086	6.23	1 1-	4ACSR	0	0	505	153	0	0	0	0.00	0.91	0
CO18057	CO18041	5.69	0 1-	4ACSR	0	0	550	159	0	0	0	0.00	0.84	0
SW-1013456073-B	CO18057	5.69	0 1-	Closed	0	0	550	159	0	0	0	0.00	0.84	0
SW-1013456073-A	SW-1013456073-B	5.69	0 1-	Closed	0	0	550	159	0	0	0	0.00	0.84	0
CO18058	SW-1013456073-A	5.88	0 1-	4ACSR	0	0	533	157	0	0	0	0.00	0.84	0
CO18059	CO18058	5.95	0 1-	4ACSR	0	0	527	156	0	0	0	0.00	0.84	0
CO18060	CO18059	6.02	0 1-	4ACSR	0	0	522	155	0	0	0	0.00	0.84	0
CO18061	CO18060	6.17	0 1-	4ACSR	0	0	509	154	0	0	0	0.00	0.84	0
CO18039+	CO23793	4.92	32 3-	1/0ACSR	1316	1249	1109	306	131	2	1	0.01	0.67	0
CO18081+	CO18039	5.05	2 1-	4ACSR	0	0	1082	303	11	0	1	0.00	0.67	0
CO18082+	CO18081	5.22	1 1-	4ACSR	0	0	1050	301	2	0	0	0.00	0.67	0
CO18080+	CO18039	4.97	29 3-	1/0ACSR	1308	1241	1101	305	112	2	1	0.00	0.67	0
CO18079+	CO18080	5.05	29 3-	1/0ACSR	1298	1232	1091	305	112	2	1	0.00	0.67	0
CA-238302668+	CO18079	5.05	0 3-	Capacitor	1298	1232	1091	305	0	0	0	0.00	0.67	0
CO18056+	CO18079	5.14	28 3-	1/0ACSR	1286	1220	1079	304	110	2	1	0.00	0.68	0
CO18078+	CO18056	5.16	28 3-	1/0ACSR	1283	1217	1076	304	110	2	1	0.00	0.68	0
CO18077+	CO18078	5.25	28 3-	1/0ACSR	1271	1205	1063	303	110	2	1	0.00	0.68	0
CO18076+	CO18077	5.48	26 3-	1/0ACSR	1242	1177	1035	301	104	2	1	0.00	0.68	0
CO18074+	CO18076	5.63	2 1-	4ACSR	0	0	1009	298	5	0	0	0.00	0.68	0
CO18075+	CO18074	5.70	1 1-	4ACSR	0	0	997	297	3	0	0	0.00	0.68	0
CO18052+	CO18075	6.13	1 1-	4ACSR	0	0	928	290	3	0	0	0.00	0.69	0
CO18053+	CO18052	6.33	1 1-	4ACSR	0	0	898	287	3	0	0	0.00	0.69	0
CO18051+	CO18076	5.55	22 3-	1/0ACSR	1233	1169	1026	300	87	1	1	0.00	0.68	0
CO23780+	CO18051	5.66	22 3-	1/0ACSR	1220	1157	1014	299	87	1	1	0.00	0.69	0
CO20001+	CO23780	5.76	20 3-	1/0ACSR	1208	1145	1001	298	84	1	1	0.00	0.69	0
CO20000+	CO20001	5.84	20 3-	1/0ACSR	1199	1136	993	298	84	1	1	0.00	0.69	0
CO20057+	CO20000	5.87	18 3-	1/0ACSR	1195	1132	989	298	67	1	1	0.00	0.69	0
CO20056+	CO20057	6.03	17 3-	1/0ACSR	1176	1115	971	296	67	1	1	0.00	0.69	0
CO20002+	CO20056	6.18	16 3-	1/0ACSR	1161	1100	955	295	64	1	1	0.00	0.69	0
CO20094+	CO20002	6.18	11 1-	4ACSR	0	0	954	295	44	2	2	0.00	0.69	0
OC603+	CO20094	6.18	11 1-	10 N FUSE	0	0	954	295	44	2	30	0.00	0.69	0
CO20095+	OC603	6.31	11 1-	4ACSR	0	0	935	293	44	2	2	0.01	0.70	0
CO20060+	CO20095	6.35	11 1-	4ACSR	0	0	929	292	44	2	2	0.00	0.71	0
CO20061+	CO20060	6.41	10 1-	4ACSR	0	0	921	291	44	2	2	0.00	0.71	0
CO20062+	CO20061	6.75	9 1-	4ACSR	0	0	874	286	43	2	2	0.02	0.73	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19970+	CO20062	6.88	1 1-	4ACSR	0	0	856	284	1	0	0	0.00	0.73	0
CO19956+	CO20062	6.91	7 1-	4ACSR	0	0	853	283	31	2	2	0.01	0.74	0
CO19999+	CO19956	7.31	0 1-	4ACSR	0	0	804	277	0	0	0	0.00	0.74	0
OC1461375342+	CO19999	7.31	0 1-	20 N FUSE	0	0	804	277	0	0	0	0.00	0.74	0
CO23779+	OC1461375342	7.51	0 1-	4ACSR	0	0	781	274	0	0	0	0.00	0.74	0
CO19957+	CO19956	7.02	7 1-	4ACSR	0	0	838	281	31	2	2	0.01	0.74	0
CO20083+	CO19957	7.14	4 1-	4ACSR	0	0	824	280	23	1	1	0.00	0.74	0
CO20084+	CO20083	7.28	2 1-	4ACSR	0	0	807	277	12	0	1	0.00	0.75	0
CO20034+	CO20084	7.34	1 1-	4ACSR	0	0	801	277	11	0	1	0.00	0.75	0
CO19969+	CO20083	7.19	1 1-	4ACSR	0	0	817	279	2	0	0	0.00	0.74	0
CO19968+	CO19957	7.08	2 1-	4ACSR	0	0	831	280	6	0	0	0.00	0.74	0
CO20059+	CO20002	6.27	2 3-	1/0ACSR	1150	1090	946	294	15	0	0	0.00	0.69	0
CO20058+	CO20059	6.32	2 3-	1/0ACSR	1145	1085	941	294	15	0	0	0.00	0.69	0
CO20067+	CO20058	6.45	1 3-	1/0ACSR	1131	1072	927	293	7	0	0	0.00	0.69	0
CO19971+	CO20000	5.95	2 1-	4ACSR	0	0	974	296	17	1	1	0.00	0.69	0
CO19972+	CO23780	5.69	2 1-	4ACSR	0	0	1007	299	3	0	0	0.00	0.69	0
CO18045+	CO18076	5.62	1 1-	4ACSR	0	0	1011	299	8	0	0	0.00	0.68	0
CO18044+	CO18076	5.55	1 1-	4ACSR	0	0	1022	300	4	0	0	0.00	0.68	0
CO18054+	CO18077	5.31	1 1-	2ACSR	0	0	1055	302	6	0	0	0.00	0.68	0
CO18055+	CO18054	5.45	1 1-	2ACSR	0	0	1034	300	6	0	0	0.00	0.68	0
CO-737614700+	CO18039	4.95	1 1-	2ACSR	0	0	1103	305	8	0	0	0.00	0.67	0
CO18694+	CO18692	3.80	1 1-	4ACSR	0	0	1290	316	1	0	0	0.00	0.64	0
CO18695+	CO18694	3.86	1 1-	4ACSR	0	0	1275	315	1	0	0	0.00	0.64	0
CO18757+	CO18695	3.92	1 1-	4ACSR	0	0	1259	314	1	0	0	0.00	0.64	0
CO18758+	CO18757	4.23	1 1-	4ACSR	0	0	1181	308	1	0	0	0.00	0.64	0
CO18633+	CO18801	3.28	1 1-	4ACSR	0	0	1377	319	4	0	0	0.00	0.60	0
CO18612+	CO18617	3.03	3 1-	4ACSR	0	0	1417	320	13	0	1	0.00	0.53	0
CO18635+	CO18612	3.08	1 1-	4ACSR	0	0	1399	319	6	0	0	0.00	0.53	0
CO18763+	CO18612	3.21	2 1-	4ACSR	0	0	1361	316	7	0	0	0.00	0.53	0
CO18764+	CO18763	3.37	1 1-	4ACSR	0	0	1313	313	2	0	0	0.00	0.53	0
CO18765+	CO18764	3.59	1 1-	4ACSR	0	0	1252	309	2	0	0	0.00	0.53	0
CO18766+	CO18765	3.63	0 1-	4ACSR	0	0	1240	309	0	0	0	0.00	0.53	0
CO18704+	CO18761	2.73	2 1-	4ACSR	0	0	1506	324	1	0	0	0.00	0.50	0
CO18727+	CO18704	2.75	2 1-	4ACSR	0	0	1497	324	1	0	0	0.00	0.50	0
CO18728+	CO18727	2.82	1 1-	4ACSR	0	0	1472	323	1	0	0	0.00	0.50	0
CO18159+	CO18246	1.49	1 1-	4ACSR	0	0	1903	337	4	0	0	0.00	0.29	0
CO2084344716+	CO-1724636343	0.23	0 3-	2ACSR	2429	2530	2536	350	0	0	0	0.00	0.04	0
OC-124660940	CO2084344716	0.23	0 3-	20 N FUSE	2429	2530	2536	350	0	0	0	125.96	126.00	0
CO-322495696+	CO-1734132280	0.01	0 3-	336ACSR	2527	2699	2700	353	0	0	0	0.00	0.00	0
OC-720323615+	CO-322495696	0.01	0 3-	560 200WVE	2527	2699	2700	353	0	0	0	0.00	0.00	0
CO1754029876+	OC-720323615	0.01	0 3-	336ACSR	2526	2698	2699	353	0	0	0	0.00	0.00	0
SUB	0 total losses: \$38,014													

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB	0 PEASTICKS		2074		2424	2628	2641	353	11328					
CO9119+	PEASTICKS	0.00	2074 3-	750 MCM - 42 Wi	2423	2626	2639	353	11328	256	22	0.00	0.00	13
CO9120+	CO9119	0.01	2074 3-	750 MCM - 42 Wi	2422	2625	2637	353	11328	256	22	0.00	0.00	13
CO9124+	CO9120	0.02	383 3-	750 MCM - 42 Wi	2419	2619	2631	353	2131	49	4	0.00	0.00	0
Fordge Mill+	CO9124	0.02	383 3-	560 200WVE	2419	2619	2631	353	2131	49	9	0.00	0.00	0
CO8839+	Fordge Mill	0.04	383 3-	336ACSR	2414	2611	2623	353	2131	49	10	0.00	0.01	8
CO8840+	CO8839	0.13	383 3-	336ACSR	2389	2565	2577	352	2131	49	10	0.02	0.03	42
CO9054+	CO8840	0.17	383 3-	336ACSR	2379	2548	2559	352	2130	49	10	0.01	0.03	16
CO9055+	CO9054	0.21	383 3-	336ACSR	2368	2530	2541	352	2130	49	10	0.01	0.04	17
CO9051+	CO9055	0.25	383 3-	336ACSR	2357	2512	2522	352	2130	49	10	0.01	0.05	18
CO9049+	CO9051	0.29	383 3-	336ACSR	2347	2494	2503	352	2130	49	10	0.01	0.06	18
CO9047+	CO9049	0.32	383 3-	336ACSR	2339	2481	2490	352	2130	49	10	0.01	0.06	13
CO9045+	CO9047	0.35	383 3-	336ACSR	2330	2467	2474	351	2130	49	10	0.01	0.07	15
CO9042+	CO9045	0.40	383 3-	336ACSR	2319	2449	2456	351	2130	49	10	0.01	0.08	19
CO9040+	CO9042	0.45	383 3-	336ACSR	2306	2426	2432	351	2130	49	10	0.01	0.09	24
CO9038+	CO9040	0.52	383 3-	336ACSR	2289	2399	2403	351	2130	49	10	0.01	0.10	30
CO9036+	CO9038	0.64	383 3-	336ACSR	2258	2351	2351	350	2130	49	10	0.03	0.13	56
CO9035+	CO9036	0.78	383 3-	336ACSR	2226	2302	2299	350	2129	49	10	0.03	0.16	59
CO9034+	CO9035	0.81	383 3-	336ACSR	2217	2290	2285	349	2129	49	10	0.01	0.16	16
CO9031+	CO9034	0.82	383 3-	336ACSR	2215	2285	2280	349	2129	49	10	0.00	0.17	5
CO8851+	CO9031	0.86	383 3-	336ACSR	2206	2273	2267	349	2129	49	10	0.01	0.17	16
CO9115+	CO8851	0.98	383 3-	336ACSR	2179	2233	2223	349	2129	49	10	0.02	0.20	53
CO17312+	CO9115	1.00	0 1-	336 MCM ACSR 30	0	0	2217	349	0	0	0	0.00	0.20	0
CO17313+	CO17312	1.00	0 1-	336 MCM ACSR 30	0	0	2215	349	0	0	0	0.00	0.20	0
CO8773+	CO9115	1.02	383 3-	336ACSR	2171	2222	2210	349	2129	49	10	0.01	0.20	16
CO8849+	CO8773	1.05	383 3-	336ACSR	2164	2211	2199	348	2129	49	10	0.01	0.21	14
CO8829+	CO8849	1.12	1 1-	2ACSR	0	0	2160	347	6	0	0	0.00	0.21	0
OC887925856+	CO8829	1.12	0 1-	20 N FUSE	0	0	2160	347	0	0	0	0.00	0.21	0
CO8850+	CO8849	1.06	382 3-	336ACSR	2161	2208	2194	348	2123	49	10	0.00	0.21	5
CO17010+	CO8850	1.19	381 3-	336ACSR	2132	2166	2149	348	2120	49	10	0.03	0.24	58
CO9458+	CO17010	1.25	379 3-	336ACSR	2119	2148	2128	347	2107	49	10	0.01	0.25	26
CO9654+	CO9458	1.31	377 3-	336ACSR	2106	2131	2109	347	2095	49	9	0.01	0.26	26
CO9655+	CO9654	1.36	376 3-	336ACSR	2096	2118	2094	347	2095	49	9	0.01	0.27	20
CO9549+	CO9655	1.41	2 1-	336 MCM ACSR 30	0	0	2079	347	1	0	0	0.00	0.27	0
OC-1399189891+	CO9549	1.41	1 1-	20 N FUSE	0	0	2079	347	1	0	0	0.00	0.27	0
CO9478+	OC-1399189891	1.54	1 1-	336 MCM ACSR 30	0	0	2040	346	1	0	0	0.00	0.27	0
CO9653+	CO9655	1.41	373 3-	336ACSR	2086	2104	2079	347	2081	48	9	0.01	0.28	20
CO9460+	CO9653	1.50	372 3-	336ACSR	2067	2078	2049	346	2072	48	9	0.02	0.30	40
CO9459+	CO9460	1.54	370 3-	336ACSR	2060	2068	2038	346	2059	48	9	0.01	0.31	15
CO9338+	CO9459	1.58	369 3-	336ACSR	2050	2056	2024	346	2056	48	9	0.01	0.32	20
CO9339+	CO9338	1.63	369 3-	336ACSR	2041	2043	2010	346	2055	48	9	0.01	0.33	20
CO9546+	CO9339	1.67	5 1-	336 MCM ACSR 30	0	0	1998	346	17	1	0	0.00	0.33	0
OC2107233494+	CO9546	1.67	4 1-	20 N FUSE	0	0	1998	346	11	0	4	0.00	0.33	0
CO9547+	OC2107233494	1.70	4 1-	336 MCM ACSR 30	0	0	1989	345	11	0	0	0.00	0.33	0
CO9384+	CO9547	1.73	1 1-	336 MCM ACSR 30	0	0	1982	345	4	0	0	0.00	0.33	0
CO9548+	CO9547	1.74	3 1-	336 MCM ACSR 30	0	0	1979	345	7	0	0	0.00	0.33	0
CO-1773871158+	CO9548	1.79	1 1-	2ACSR	0	0	1959	345	7	0	0	0.00	0.33	0
CO9385+	CO9339	1.64	1 1-	336 MCM ACSR 30	0	0	2006	346	3	0	0	0.00	0.33	0
OC-1436925675+	CO9385	1.64	0 1-	20 N FUSE	0	0	2006	346	0	0	0	0.00	0.33	0
CO9340+	CO9339	1.70	363 3-	336ACSR	2026	2025	1989	345	2035	47	9	0.01	0.34	29
CO9341+	CO9340	1.82	222 3-	336ACSR	2003	1994	1954	345	1128	26	5	0.01	0.35	15

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9550+	CO9341	1.85	0 1-	4ACSR	0	0	1943	344	0	0	0	0.00	0.35	0
CO9551+	CO9550	1.99	0 1-	4ACSR	0	0	1875	341	0	0	0	0.00	0.35	0
CO9461+	CO9341	1.84	222 3-	336ACSR	1999	1989	1948	345	1128	26	5	0.00	0.35	3
CO9462+	CO9461	1.88	222 3-	336ACSR	1992	1980	1938	345	1128	26	5	0.00	0.36	5
CO9418+	CO9462	1.91	1 1-	4ACSR	0	0	1926	344	12	0	1	0.00	0.36	0
OC773236313+	CO9418	1.91	0 1-	20 N FUSE	0	0	1926	344	0	0	0	0.00	0.36	0
CO9342+	CO9462	1.91	21 1-	4ACSR	0	0	1924	344	145	10	7	0.01	0.37	0
CO9670+	CO9342	1.92	15 1-	4ACSR	0	0	1921	344	92	6	5	0.00	0.37	0
OC249+	CO9670	1.92	15 1-	50 E OCR	0	0	1921	344	92	6	13	0.00	0.37	0
CO9671+	OC249	1.94	15 1-	4ACSR	0	0	1909	343	92	6	5	0.00	0.37	0
CO9649+	CO9671	1.98	14 1-	4ACSR	0	0	1890	342	87	6	4	0.01	0.38	0
CO9650+	CO9649	2.02	12 1-	4ACSR	0	0	1875	342	68	4	3	0.00	0.38	0
CO9463+	CO9650	2.09	12 1-	4ACSR	0	0	1842	340	68	4	3	0.01	0.39	0
CO9362+	CO9463	2.30	9 1-	4ACSR	0	0	1747	336	46	3	2	0.02	0.40	0
CO9456+	CO9362	2.49	7 1-	4ACSR	0	0	1666	332	29	2	1	0.01	0.41	0
CO9457+	CO9456	2.58	4 1-	4ACSR	0	0	1628	330	25	1	1	0.00	0.42	0
CO9367+	CO9457	2.66	2 1-	4ACSR	0	0	1600	328	12	0	1	0.00	0.42	0
CO9692+	CO9457	2.69	2 1-	4ACSR	0	0	1586	327	13	0	1	0.00	0.42	0
CO9693+	CO9692	2.80	1 1-	4ACSR	0	0	1545	325	3	0	0	0.00	0.42	0
CO9383+	CO9692	2.74	1 1-	4ACSR	0	0	1567	326	9	0	0	0.00	0.42	0
CO9380+	CO9362	2.36	2 1-	4ACSR	0	0	1722	334	17	1	1	0.00	0.40	0
CO9421+	CO9463	2.15	0 1-	4ACSR	0	0	1812	339	0	0	0	0.00	0.39	0
CO9414+	CO9463	2.12	2 1-	750 MCM - 42 Wi	0	0	1834	340	16	1	0	0.00	0.39	0
CO9646+	CO9342	1.99	2 1-	4ACSR	0	0	1887	342	19	1	1	0.00	0.37	0
CO9647+	CO9646	2.06	1 1-	4ACSR	0	0	1855	341	7	0	0	0.00	0.37	0
CO9648+	CO9647	2.24	0 1-	4ACSR	0	0	1773	337	0	0	0	0.00	0.37	0
CO9554+	CO9342	1.93	3 1-	4ACSR	0	0	1913	343	27	1	1	0.00	0.37	0
CO9555+	CO9554	2.04	3 1-	4ACSR	0	0	1864	341	27	1	1	0.00	0.37	0
CO9553+	CO9555	2.10	2 1-	4ACSR	0	0	1836	340	16	1	1	0.00	0.37	0
CO9552+	CO9553	2.18	1 1-	4ACSR	0	0	1798	338	8	0	0	0.00	0.37	0
CO9641+	CO9462	1.92	200 3-	336ACSR	1984	1970	1926	344	971	22	4	0.00	0.36	4
CO9642+	CO9641	1.98	199 3-	336ACSR	1974	1958	1912	344	962	22	4	0.00	0.37	5
CO9404+	CO9642	2.06	1 1-	4ACSR	0	0	1874	342	17	1	1	0.00	0.37	0
OC1043301868+	CO9404	2.06	0 1-	20 N FUSE	0	0	1874	342	0	0	0	0.00	0.37	0
CO9464+	CO9642	2.07	196 3-	336ACSR	1956	1936	1887	344	926	21	4	0.01	0.38	8
CO9643+	CO9464	2.11	196 3-	336ACSR	1950	1928	1877	344	926	21	4	0.00	0.38	3
CO9644+	CO9643	2.24	195 3-	336ACSR	1926	1898	1844	343	926	21	4	0.01	0.39	11
CO9645+	CO9644	2.28	194 3-	336ACSR	1918	1888	1833	343	915	21	4	0.00	0.39	4
CO9403+	CO9645	2.38	1 1-	336 MCM ACSR 30	0	0	1810	342	3	0	0	0.00	0.39	0
OC398299080+	CO9403	2.38	0 1-	20 N FUSE	0	0	1810	342	0	0	0	0.00	0.39	0
CO9465+	CO9645	2.32	192 3-	336ACSR	1912	1881	1824	343	897	21	4	0.00	0.40	3
CO9651+	CO9465	2.36	191 3-	336ACSR	1905	1873	1814	342	897	21	4	0.00	0.40	3
CO9652+	CO9651	2.41	190 3-	336ACSR	1895	1861	1801	342	894	21	4	0.00	0.40	4
CO9343+	CO9652	2.48	187 3-	336ACSR	1883	1846	1784	342	868	20	4	0.01	0.41	5
CO9402+	CO9343	2.54	1 1-	336 MCM ACSR 30	0	0	1771	342	6	0	0	0.00	0.41	0
OC2087434875+	CO9402	2.54	0 1-	20 N FUSE	0	0	1771	342	0	0	0	0.00	0.41	0
CO-461867885+	OC2087434875	2.73	0 1-	2ACSR	0	0	1706	339	0	0	0	0.00	0.41	0
CO9401+	CO9343	2.53	2 1-	336 MCM ACSR 30	0	0	1773	342	4	0	0	0.00	0.41	0
OC1500592862+	CO9401	2.53	0 1-	20 N FUSE	0	0	1773	342	0	0	0	0.00	0.41	0
CO9505+	CO9343	2.54	184 3-	336ACSR	1874	1836	1772	342	858	20	4	0.00	0.41	4
CO9506+	CO9505	2.62	184 3-	336ACSR	1861	1820	1753	341	858	20	4	0.01	0.42	6
CO9406+	CO9506	2.66	3 1-	4ACSR	0	0	1735	340	18	1	1	0.00	0.42	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1615486305+	CO9406	2.66	0 1-	20 N FUSE	0	0	1735	340	0	0	0	0.00	0.42	0
CO9503+	CO9506	2.65	181 3-	336ACSR	1856	1814	1746	341	840	19	4	0.00	0.42	0
CO9504+	CO9503	2.69	179 3-	336ACSR	1848	1805	1736	341	828	19	4	0.00	0.43	3
CO9586+	CO9504	2.72	0 1-	2ACSR	0	0	1726	341	0	0	0	0.00	0.43	0
OC1471476032+	CO9586	2.72	0 1-	20 N FUSE	0	0	1726	341	0	0	0	0.00	0.43	0
CO9587+	OC1471476032	2.75	0 1-	2ACSR	0	0	1717	340	0	0	0	0.00	0.43	0
CO9502+	CO9504	2.73	178 3-	336ACSR	1841	1797	1727	341	828	19	4	0.00	0.43	3
CO9501+	CO9502	2.78	178 3-	336ACSR	1834	1788	1717	341	828	19	4	0.00	0.43	3
CO9616+	CO9501	2.81	123 3-	336ACSR	1829	1782	1711	340	541	12	2	0.00	0.44	0
CO9617+	CO9616	2.83	122 3-	336ACSR	1826	1779	1706	340	536	12	2	0.00	0.44	0
CO9694+	CO9617	2.88	120 3-	336ACSR	1818	1770	1696	340	526	12	2	0.00	0.44	0
CO9467+	CO9694	2.92	120 3-	336ACSR	1811	1761	1686	340	526	12	2	0.00	0.44	0
CO9466+	CO9467	3.01	120 3-	336ACSR	1798	1746	1669	340	526	12	2	0.00	0.45	2
CO9379+	CO9466	3.06	1 1-	4ACSR	0	0	1648	338	10	0	1	0.00	0.45	0
OC27339682+	CO9379	3.06	0 1-	20 N FUSE	0	0	1648	338	0	0	0	0.00	0.45	0
CO9453+	CO9466	3.06	119 3-	336ACSR	1790	1737	1658	339	516	12	2	0.00	0.45	0
CO9454+	CO9453	3.18	119 3-	336ACSR	1772	1716	1635	339	516	12	2	0.01	0.45	3
CO9455+	CO9454	3.26	119 3-	336ACSR	1759	1702	1619	338	515	12	2	0.00	0.46	0
CO9429+	CO9455	3.53	116 3-	336ACSR	1720	1658	1567	337	506	11	2	0.01	0.47	7
CO9430+	CO9429	3.64	116 3-	336ACSR	1705	1641	1548	337	506	11	2	0.01	0.48	3
CO9428+	CO9430	3.73	116 3-	336ACSR	1691	1626	1532	336	506	11	2	0.00	0.48	2
CO9434+	CO9428	3.81	112 3-	336ACSR	1680	1614	1517	336	499	11	2	0.00	0.48	0
CO9435+	CO9434	3.90	112 3-	336ACSR	1669	1601	1503	335	499	11	2	0.00	0.49	0
FD-993575881+	CO9435	3.90	111 3-	_DefaultBayEqui	1669	1601	1503	335	497	11	0	0.00	0.49	0
CO9330+	FD-993575881	4.03	111 3-	336ACSR	1651	1583	1482	335	497	11	2	0.01	0.49	3
OC-993575881+	CO9330	4.03	110 3-	20 N FUSE	1651	1583	1482	335	489	11	57	0.00	0.49	0
CO9331+	OC-993575881	4.25	110 3-	336ACSR	1622	1551	1446	334	489	11	2	0.01	0.50	5
CO9598+	CO9331	4.34	106 3-	2ACSR	1604	1532	1424	332	467	10	6	0.01	0.52	10
CO9599+	CO9598	4.42	105 3-	2ACSR	1588	1516	1406	331	467	10	6	0.01	0.53	8
CO9436+	CO9599	4.58	97 3-	2ACSR	1555	1482	1368	329	441	10	6	0.02	0.55	16
OC259+	CO9436	4.58	97 3-	70 E OCR	1555	1482	1368	329	440	10	15	0.00	0.55	0
CO9596+	OC259	4.65	97 3-	2ACSR	1543	1470	1353	328	440	10	6	0.01	0.56	6
CO9597+	CO9596	4.73	96 3-	2ACSR	1527	1454	1336	327	432	10	6	0.01	0.57	7
CO9369+	CO9597	4.75	1 1-	2ACSR	0	0	1331	327	0	0	0	0.00	0.57	0
OC1938620751+	CO9369	4.75	0 1-	20 N FUSE	0	0	1331	327	0	0	0	0.00	0.57	0
CO9684+	CO9597	4.73	95 3-	2ACSR	1526	1453	1334	327	431	10	6	0.00	0.57	0
CO9685+	CO9684	4.82	95 3-	2ACSR	1509	1436	1315	326	431	10	6	0.01	0.58	8
CO9370+	CO9685	4.88	1 1-	2ACSR	0	0	1303	325	1	0	0	0.00	0.58	0
OC-1535989179+	CO9370	4.88	0 1-	20 N FUSE	0	0	1303	325	0	0	0	0.00	0.58	0
CO9332+	CO9685	4.89	94 3-	2ACSR	1495	1423	1300	325	431	10	6	0.01	0.59	7
CO9333+	CO9332	4.96	90 3-	2ACSR	1482	1409	1286	324	411	9	5	0.01	0.60	6
CO9526+	CO9333	5.04	4 1-	2ACSR	0	0	1271	323	21	1	1	0.00	0.60	0
OC2099754580+	CO9526	5.04	4 1-	20 N FUSE	0	0	1271	323	21	1	7	0.00	0.60	0
CO9381+	OC2099754580	5.07	3 1-	4ACSR	0	0	1264	322	13	0	1	0.00	0.60	0
CO9527+	OC2099754580	5.10	1 1-	2ACSR	0	0	1259	322	8	0	0	0.00	0.60	0
CO9382+	CO9333	5.00	2 1-	4ACSR	0	0	1277	323	3	0	0	0.00	0.60	0
OC733884388+	CO9382	5.00	0 1-	20 N FUSE	0	0	1277	323	0	0	0	0.00	0.60	0
CO9334+	CO9333	5.08	84 3-	2ACSR	1460	1388	1262	322	388	9	5	0.01	0.62	9
CO9372+	CO9334	5.18	1 1-	2ACSR	0	0	1243	321	6	0	0	0.00	0.62	0
OC-645694310+	CO9372	5.18	0 1-	20 N FUSE	0	0	1243	321	0	0	0	0.00	0.62	0
CO9335+	CO9334	5.12	18 1-	4ACSR	0	0	1253	321	83	5	4	0.00	0.62	0
OC2117962293+	CO9335	5.12	18 1-	20 N FUSE	0	0	1253	321	83	5	29	0.00	0.62	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9544+	OC2117962293	5.16	2 1-	4ACSR	0	0	1242	320	14	0	1	0.00	0.62	0
CO9545+	CO9544	5.23	2 1-	4ACSR	0	0	1227	319	14	0	1	0.00	0.62	0
CO9336+	OC2117962293	5.14	16 1-	4ACSR	0	0	1248	321	69	4	3	0.00	0.62	0
CO9532+	CO9336	5.24	10 1-	4ACSR	0	0	1224	319	33	2	2	0.01	0.63	0
CO9533+	CO9532	5.26	7 1-	4ACSR	0	0	1221	318	27	1	1	0.00	0.63	0
CO9535+	CO9533	5.32	4 1-	4ACSR	0	0	1207	317	18	1	1	0.00	0.63	0
CO9536+	CO9535	5.40	1 1-	4ACSR	0	0	1190	316	0	0	0	0.00	0.63	0
CO9534+	CO9533	5.35	1 1-	4ACSR	0	0	1200	317	1	0	0	0.00	0.63	0
CO9530+	CO9336	5.20	6 1-	4ACSR	0	0	1235	320	37	2	2	0.00	0.63	0
CO9594+	CO9530	5.22	1 1-	2/0ACSR	0	0	1232	320	2	0	0	0.00	0.63	0
CO9595+	CO9594	5.25	1 1-	2/0ACSR	0	0	1226	319	2	0	0	0.00	0.63	0
CO9531+	CO9530	5.23	4 1-	4ACSR	0	0	1227	319	30	2	1	0.00	0.63	0
CO9529+	CO9531	5.32	2 1-	4ACSR	0	0	1207	317	18	1	1	0.00	0.63	0
CO9528+	CO9529	5.41	1 1-	4ACSR	0	0	1187	316	6	0	0	0.00	0.63	0
CO9610+	CO9334	5.13	65 3-	2ACSR	1451	1379	1252	321	299	7	4	0.00	0.62	2
CO9611+	CO9610	5.37	64 3-	2ACSR	1409	1338	1207	318	292	6	4	0.02	0.64	10
CO9373+	CO9611	5.42	2 1-	2ACSR	0	0	1196	317	0	0	0	0.00	0.64	0
OC-536577082+	CO9373	5.42	0 1-	20 N FUSE	0	0	1196	317	0	0	0	0.00	0.64	0
CO686392713+	OC-536577082	5.49	0 1-	2ACSR	0	0	1183	316	0	0	0	0.00	0.64	0
CO9662+	CO9611	5.50	62 3-	2ACSR	1386	1316	1183	316	292	6	4	0.01	0.66	6
CO9663+	CO9662	5.77	62 3-	2ACSR	1341	1272	1135	313	292	6	4	0.03	0.68	12
CO9337+	CO9663	5.96	59 3-	2ACSR	1310	1243	1104	310	282	6	4	0.02	0.70	8
CO16991+	CO9337	6.02	59 3-	2ACSR	1301	1234	1095	309	282	6	4	0.01	0.70	2
CO9094+	CO16991	6.15	58 3-	2ACSR	1280	1215	1075	308	282	6	4	0.01	0.71	5
FD-1930046168+	CO9094	6.15	58 3-	_DefaultBayEqui	1280	1215	1075	308	282	6	0	0.00	0.71	0
CO8897+	FD-1930046168	6.24	58 3-	2ACSR	1266	1202	1060	307	282	6	4	0.01	0.72	4
OC-1930046168+	CO8897	6.24	57 3-	20 N FUSE	1266	1202	1060	307	270	6	32	0.00	0.72	0
CO8743+	OC-1930046168	6.36	57 3-	2ACSR	1248	1185	1043	305	270	6	4	0.01	0.73	4
CO8744+	CO8743	6.50	51 3-	2ACSR	1228	1165	1023	303	253	5	3	0.01	0.74	5
CO9090+	CO8744	6.55	2 1-	2ACSR	0	0	1016	303	5	0	0	0.00	0.74	0
CO9091+	CO9090	6.60	2 1-	2ACSR	0	0	1010	302	5	0	0	0.00	0.74	0
CO8745+	CO8744	6.56	48 3-	2ACSR	1219	1158	1015	303	246	5	3	0.00	0.75	0
CO8883+	CO8745	6.70	8 3-	2ACSR	1200	1139	996	301	86	2	1	0.00	0.75	0
CO17110+	CO8883	6.88	7 3-	2ACSR	1175	1117	972	299	85	1	1	0.00	0.76	0
CO9299+	CO17110	6.94	4 1-	2ACSR	0	0	964	298	75	5	3	0.01	0.76	0
OC-979754731+	CO9299	6.94	3 1-	20 N FUSE	0	0	964	298	70	4	25	0.00	0.76	0
CO9300+	OC-979754731	7.00	3 1-	2ACSR	0	0	957	297	70	4	3	0.00	0.76	0
CO9144+	CO17110	7.02	2 3-	2ACSR	1157	1099	955	297	6	0	0	0.00	0.76	0
CO9145+	CO9144	7.06	0 3-	2ACSR	1152	1094	950	297	0	0	0	0.00	0.76	0
SW247-B+	CO9145	7.06	0 3-	Open	1152	1094	950	297	0	0	0	0.00	0.76	0
CO9176+	CO9144	7.07	2 1-	2ACSR	0	0	949	296	6	0	0	0.00	0.76	0
OC-1551889299+	CO9176	7.07	0 1-	20 N FUSE	0	0	949	296	0	0	0	0.00	0.76	0
CO9175+	CO17110	6.92	1 1-	2ACSR	0	0	966	298	4	0	0	0.00	0.76	0
OC1020242370+	CO9175	6.92	0 1-	20 N FUSE	0	0	966	298	0	0	0	0.00	0.76	0
CO9103+	CO8745	6.56	30 1-	6ACWC	0	0	1014	302	126	8	6	0.00	0.75	0
OC228+	CO9103	6.56	30 1-	35 E OCR	0	0	1014	302	126	8	25	0.00	0.75	0
CO9104+	OC228	6.61	30 1-	6ACWC	0	0	1007	302	126	8	6	0.01	0.76	0
CO8881+	CO9104	6.65	24 1-	6ACWC	0	0	1000	301	95	6	5	0.01	0.76	0
CO8882+	CO8881	6.70	22 1-	6ACWC	0	0	991	300	93	6	5	0.01	0.77	0
CO8880+	CO8882	6.83	20 1-	6ACWC	0	0	971	298	92	6	5	0.02	0.79	3
CO8879+	CO8880	6.87	20 1-	6ACWC	0	0	965	297	92	6	5	0.01	0.80	0
CO8787+	CO8879	6.91	1 1-	6ACWC	0	0	959	297	3	0	0	0.00	0.80	0

Substation Power Factor: 0.97
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9080+	CO8879	6.91	19 1-	4ACSR	0	0	959	297	88	6	4	0.01	0.80	0
CO9081+	CO9080	7.01	16 1-	4ACSR	0	0	943	295	82	5	4	0.01	0.82	0
CO8884+	CO9081	7.09	14 1-	4ACSR	0	0	931	293	78	5	4	0.01	0.83	0
CO8885+	CO8884	7.13	12 1-	4ACSR	0	0	927	293	57	4	3	0.00	0.83	0
CO8886+	CO8885	7.17	12 1-	4ACSR	0	0	920	292	57	4	3	0.00	0.83	0
CO8887+	CO8886	7.20	11 1-	4ACSR	0	0	916	292	47	3	2	0.00	0.84	0
CO8888+	CO8887	7.28	11 1-	4ACSR	0	0	905	290	47	3	2	0.01	0.84	0
CO8889+	CO8888	7.34	11 1-	4ACSR	0	0	897	289	47	3	2	0.00	0.85	0
CO8890+	CO8889	7.37	9 1-	4ACSR	0	0	892	289	40	2	2	0.00	0.85	0
CO8891+	CO8890	7.44	9 1-	4ACSR	0	0	883	288	40	2	2	0.00	0.85	0
CO8892+	CO8891	7.49	5 1-	4ACSR	0	0	877	287	22	1	1	0.00	0.85	0
CO8893+	CO8892	7.52	5 1-	4ACSR	0	0	872	287	22	1	1	0.00	0.85	0
CO8894+	CO8893	7.57	3 1-	4ACSR	0	0	866	286	14	0	1	0.00	0.86	0
CO8895+	CO8894	7.63	2 1-	4ACSR	0	0	858	285	7	0	0	0.00	0.86	0
CO8896+	CO8895	7.66	0 1-	4ACSR	0	0	854	284	0	0	0	0.00	0.86	0
CO9082+	CO9104	6.63	3 1-	6ACWC	0	0	1003	301	22	1	1	0.00	0.76	0
CO9083+	CO9082	6.65	2 1-	6ACWC	0	0	999	301	20	1	1	0.00	0.76	0
CO9099+	CO8745	6.56	6 1-	4ACSR	0	0	1014	302	23	1	1	0.00	0.75	0
OC226+	CO9099	6.56	6 1-	10 N FUSE	0	0	1014	302	23	1	16	0.00	0.75	0
CO9100+	OC226	6.72	6 1-	4ACSR	0	0	988	300	23	1	1	0.01	0.75	0
CO17109+	CO9100	6.87	1 1-	4ACSR	0	0	964	297	1	0	0	0.00	0.75	0
CO9305+	CO17109	6.95	1 1-	4ACSR	0	0	953	296	1	0	0	0.00	0.75	0
CO9304+	CO9305	7.02	1 1-	4ACSR	0	0	941	295	1	0	0	0.00	0.75	0
CO16987+	CO9100	6.94	5 1-	4ACSR	0	0	953	296	22	1	1	0.01	0.76	0
CO17006+	CO16987	7.11	1 1-	4ACSR	0	0	929	293	11	0	1	0.00	0.77	0
CO9765+	CO17006	7.17	1 1-	4ACSR	0	0	919	292	11	0	1	0.00	0.77	0
CO9540+	CO16987	7.13	3 1-	4ACSR	0	0	925	293	12	0	1	0.00	0.77	0
CO9541+	CO9540	7.18	3 1-	4ACSR	0	0	918	292	12	0	1	0.00	0.77	0
CO9105+	CO8743	6.37	6 1-	4ACSR	0	0	1042	305	17	1	1	0.00	0.73	0
OC229+	CO9105	6.37	6 1-	10 N FUSE	0	0	1042	305	17	1	12	0.00	0.73	0
CO9106+	OC229	6.41	6 1-	4ACSR	0	0	1035	304	17	1	1	0.00	0.73	0
CO16989+	CO9106	6.79	2 1-	4ACSR	0	0	972	298	10	0	0	0.00	0.74	0
CO-1635760712+	CO16989	6.89	0 1-	2ACSR	0	0	958	296	0	0	0	0.00	0.74	0
CO9437+	CO16989	6.83	1 1-	4ACSR	0	0	965	297	0	0	0	0.00	0.74	0
CO9438+	CO9437	6.89	1 1-	4ACSR	0	0	956	296	0	0	0	0.00	0.74	0
CO9439+	CO9438	6.92	1 1-	4ACSR	0	0	952	295	0	0	0	0.00	0.74	0
CO9440+	CO9439	6.99	1 1-	4ACSR	0	0	941	294	0	0	0	0.00	0.74	0
CO8790+	CO9106	6.46	1 1-	4ACSR	0	0	1025	303	1	0	0	0.00	0.73	0
CO8789+	CO9106	6.44	0 1-	4ACSR	0	0	1028	304	0	0	0	0.00	0.73	0
CO8788+	CO9106	6.48	1 1-	4ACSR	0	0	1023	303	2	0	0	0.00	0.73	0
CO8786+	CO8897	6.30	1 1-	2ACSR	0	0	1052	306	11	0	0	0.00	0.72	0
OC-57512400+	CO8786	6.30	0 1-	20 N FUSE	0	0	1052	306	0	0	0	0.00	0.72	0
CO16990+	CO9337	6.05	0 1-	2ACSR	0	0	1089	309	0	0	0	0.00	0.70	0
OC-1312271612+	CO16990	6.05	0 1-	20 N FUSE	0	0	1089	309	0	0	0	0.00	0.70	0
CO9537+	CO9663	5.89	3 1-	2ACSR	0	0	1116	311	10	0	0	0.00	0.68	0
OC676068754+	CO9537	5.89	2 1-	20 N FUSE	0	0	1116	311	1	0	0	0.00	0.68	0
CO9538+	OC676068754	5.92	2 1-	2ACSR	0	0	1110	311	1	0	0	0.00	0.68	0
CO9539+	CO9538	6.02	1 1-	2ACSR	0	0	1095	309	0	0	0	0.00	0.68	0
CO9371+	CO9332	4.96	4 1-	2ACSR	0	0	1286	324	19	1	1	0.00	0.59	0
OC1436808561+	CO9371	4.96	0 1-	20 N FUSE	0	0	1286	324	0	0	0	0.00	0.59	0
CO9375+	CO9599	4.51	0 1-	336 MCM ACSR 30	0	0	1393	331	0	0	0	0.00	0.53	0
CO9676+	CO9599	4.42	8 1-	4ACSR	0	0	1404	331	26	1	1	0.00	0.53	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC253+	CO9676	4.42	8 1-	10 N FUSE	0	0	1404	331	26	1	18	0.00	0.53	0
CO9677+	OC253	4.66	8 1-	4ACSR	0	0	1343	326	26	1	1	0.01	0.54	0
CO9680+	CO9677	4.66	7 1-	4ACSR	0	0	1341	326	24	1	1	0.00	0.54	0
OC255+	CO9680	4.66	7 1-	35 E OCR	0	0	1341	326	24	1	5	0.00	0.54	0
CO9681+	OC255	4.70	7 1-	4ACSR	0	0	1332	326	24	1	1	0.00	0.54	0
CO9600+	CO9681	4.74	5 1-	4ACSR	0	0	1322	325	16	1	1	0.00	0.54	0
CO9441+	CO9600	5.02	5 1-	4ACSR	0	0	1252	319	16	1	1	0.01	0.55	0
CO9542+	CO9441	5.09	0 1-	4ACSR	0	0	1235	318	0	0	0	0.00	0.55	0
CO9376+	CO9542	5.26	0 1-	4ACSR	0	0	1197	315	0	0	0	0.00	0.55	0
CO9543+	CO9542	5.13	0 1-	4ACSR	0	0	1227	317	0	0	0	0.00	0.55	0
CO9443+	CO9441	5.09	5 1-	4ACSR	0	0	1235	318	16	1	1	0.00	0.55	0
CO9601+	CO9443	5.19	4 1-	4ACSR	0	0	1213	316	13	0	1	0.00	0.55	0
CO9602+	CO9601	5.28	4 1-	4ACSR	0	0	1192	314	13	0	1	0.00	0.55	0
CO9442+	CO9602	5.37	4 1-	4ACSR	0	0	1174	313	13	0	1	0.00	0.56	0
CO9603+	CO9442	5.49	2 1-	4ACSR	0	0	1146	310	7	0	0	0.00	0.56	0
CO9604+	CO9603	5.59	1 1-	4ACSR	0	0	1126	308	0	0	0	0.00	0.56	0
CO9605+	CO9604	5.65	1 1-	4ACSR	0	0	1114	307	0	0	0	0.00	0.56	0
CO9444+	CO9605	5.69	1 1-	4ACSR	0	0	1105	307	0	0	0	0.00	0.56	0
CO17009+	CO9444	5.85	1 1-	4ACSR	0	0	1074	304	0	0	0	0.00	0.56	0
CO9763+	CO17009	6.00	1 1-	4ACSR	0	0	1045	301	0	0	0	0.00	0.56	0
CO9764+	CO9763	6.31	0 1-	4ACSR	0	0	991	296	0	0	0	0.00	0.56	0
CO9762+	CO9764	6.53	0 1-	4ACSR	0	0	956	292	0	0	0	0.00	0.56	0
CO9447+	CO9605	5.73	0 1-	4ACSR	0	0	1097	306	0	0	0	0.00	0.56	0
CO9664+	CO9447	5.76	0 1-	4ACSR	0	0	1092	305	0	0	0	0.00	0.56	0
CO9665+	CO9664	5.92	0 1-	4ACSR	0	0	1061	302	0	0	0	0.00	0.56	0
CO9446+	CO9665	6.02	0 1-	4ACSR	0	0	1043	301	0	0	0	0.00	0.56	0
CO9445+	CO9446	6.13	0 1-	4ACSR	0	0	1022	299	0	0	0	0.00	0.56	0
CO9377+	CO9677	4.70	1 1-	4ACSR	0	0	1331	326	2	0	0	0.00	0.54	0
CO9448+	CO9331	4.65	4 3-	2ACSR	1542	1469	1353	328	22	0	0	0.00	0.51	0
CO9449+	CO9448	4.86	4 3-	2ACSR	1502	1429	1308	325	22	0	0	0.00	0.51	0
CO9450+	CO9449	4.89	4 3-	2ACSR	1496	1423	1301	325	22	0	0	0.00	0.51	0
CO9452+	CO9450	5.08	4 1-	2ACSR	0	0	1262	322	22	1	1	0.00	0.51	0
CO9606+	CO9452	5.18	2 1-	2ACSR	0	0	1242	321	10	0	0	0.00	0.51	0
OC1648522599+	CO9606	5.18	1 1-	20 N FUSE	0	0	1242	321	1	0	0	0.00	0.51	0
CO9607+	OC1648522599	5.46	1 1-	2ACSR	0	0	1190	317	1	0	0	0.00	0.51	0
CO9451+	CO9450	4.97	0 3-	2ACSR	1481	1408	1285	324	0	0	0	0.00	0.51	0
CO9686+	CO9451	5.13	0 3-	2ACSR	1452	1380	1253	321	0	0	0	0.00	0.51	0
#SW260-B+	CO9686	5.13	0 3-	Open	1452	1380	1253	321	0	0	0	0.00	0.51	0
CO9374+	CO9330	4.17	1 1-	336 MCM ACSR 30	0	0	1460	334	8	0	0	0.00	0.49	0
OC-616049001+	CO9374	4.17	0 1-	20 N FUSE	0	0	1460	334	0	0	0	0.00	0.49	0
CO9378+	CO9435	3.96	1 1-	4ACSR	0	0	1483	334	2	0	0	0.00	0.49	0
OC1655621936+	CO9378	3.96	0 1-	20 N FUSE	0	0	1483	334	0	0	0	0.00	0.49	0
CO9368+	CO9428	3.77	4 1-	336 MCM ACSR 30	0	0	1526	336	8	0	0	0.00	0.48	0
OC233501327+	CO9368	3.77	0 1-	20 N FUSE	0	0	1526	336	0	0	0	0.00	0.48	0
CO9674+	CO9455	3.26	3 1-	4ACSR	0	0	1616	338	9	0	0	0.00	0.46	0
OC252+	CO9674	3.26	3 1-	10 N FUSE	0	0	1616	338	9	0	7	0.00	0.46	0
CO9675+	OC252	3.32	3 1-	4ACSR	0	0	1598	337	9	0	0	0.00	0.46	0
CO9433+	CO9675	3.38	2 1-	4ACSR	0	0	1579	336	0	0	0	0.00	0.46	0
CO9424+	CO9433	3.42	0 1-	2ACSR	0	0	1567	335	0	0	0	0.00	0.46	0
CO9432+	CO9433	3.55	2 1-	4ACSR	0	0	1519	332	0	0	0	0.00	0.46	0
CO9431+	CO9432	3.70	2 1-	4ACSR	0	0	1474	329	0	0	0	0.00	0.46	0
CO9608+	CO9431	3.78	2 1-	4ACSR	0	0	1446	327	0	0	0	0.00	0.46	0

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Run Date:

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9609+	CO9608	3.89	1 1-	4ACSR	0	0	1416	325	0	0	0	0.00	0.46	0
CO9618+	CO9501	2.82	55 1-	2ACSR	0	0	1702	340	287	20	11	0.01	0.45	6
XFMR109	CO9618	2.82	54 1-	333 KVA 1PH AUT	0	0	996	176	280	19	86	1.17	1.62	0
CO9619	XFMR109	2.85	54 1-	2ACSR	0	0	990	175	280	39	22	0.04	1.66	16
CO9344	CO9619	2.92	51 1-	2ACSR	0	0	977	175	261	37	21	0.08	1.74	32
CO9678	CO9344	2.93	49 1-	2ACSR	0	0	976	175	257	36	20	0.01	1.75	3
OC254	CO9678	2.93	49 1-	70 L OCR	0	0	976	175	257	36	52	0.00	1.75	0
CO9679	OC254	2.95	49 1-	2ACSR	0	0	972	175	257	36	20	0.03	1.77	10
CO9470	CO9679	3.02	49 1-	2ACSR	0	0	958	174	257	36	20	0.09	1.86	34
CO9469	CO9470	3.21	49 1-	2ACSR	0	0	922	172	257	36	20	0.23	2.09	90
CO9468	CO9469	3.68	48 1-	2ACSR	0	0	838	169	252	35	20	0.57	2.66	216
CO9345	CO9468	3.84	7 1-	2ACSR	0	0	813	168	35	4	3	0.02	2.69	0
CO9412	CO9345	3.89	0 1-	4ACSR	0	0	803	167	0	0	0	0.00	2.69	0
CO9516	CO9345	3.94	6 1-	2ACSR	0	0	798	167	33	4	3	0.01	2.70	0
CO9517	CO9516	3.97	5 1-	2ACSR	0	0	793	167	22	3	2	0.00	2.70	0
CO9622	CO9517	4.00	5 1-	2ACSR	0	0	789	167	22	3	2	0.00	2.70	0
CO9623	CO9622	4.03	4 1-	2ACSR	0	0	784	166	20	2	2	0.00	2.71	0
CO9624	CO9623	4.07	3 1-	2ACSR	0	0	777	166	10	1	1	0.00	2.71	0
CO9394	CO9624	4.10	2 1-	4ACSR	0	0	773	166	2	0	0	0.00	2.71	0
CO9393	CO9624	4.10	1 1-	4ACSR	0	0	773	166	9	1	1	0.00	2.71	0
CO9358	CO9624	4.10	0 1-	2ACSR	0	0	774	166	0	0	0	0.00	2.71	0
CO9688	CO9358	4.17	0 1-	2ACSR	0	0	763	165	0	0	0	0.00	2.71	0
SW261-B	CO9688	4.17	0 1-	Open	0	0	763	165	0	0	0	0.00	2.71	0
CO9682	CO9468	3.69	41 1-	2ACSR	0	0	837	169	217	30	17	0.01	2.67	2
OC256	CO9682	3.69	41 1-	35 L OCR	0	0	837	169	217	30	89	0.00	2.67	0
CO9683	OC256	3.71	41 1-	2ACSR	0	0	834	169	217	30	17	0.02	2.69	7
CO9346	CO9683	3.80	40 1-	2ACSR	0	0	819	168	215	30	17	0.10	2.78	32
CO9620	CO9346	3.89	2 1-	4ACSR	0	0	804	167	1	0	0	0.00	2.79	0
CO9621	CO9620	3.99	1 1-	4ACSR	0	0	785	166	1	0	0	0.00	2.79	0
CO9612	CO9346	3.99	38 1-	2ACSR	0	0	789	167	214	30	17	0.19	2.98	63
CO9614	CO9612	4.12	37 1-	2ACSR	0	0	770	166	214	30	17	0.13	3.11	41
CO9615	CO9614	4.20	35 1-	2ACSR	0	0	759	165	199	28	16	0.07	3.18	21
CO9613	CO9615	4.25	33 1-	2ACSR	0	0	751	165	184	26	15	0.05	3.22	13
CO17004	CO9613	4.32	23 1-	2ACSR	0	0	741	164	118	16	9	0.04	3.26	7
CO9987	CO17004	4.38	1 1-	750 MCM - 42 Wi	0	0	738	164	7	1	0	0.00	3.26	0
CO10106	CO17004	4.38	21 1-	2ACSR	0	0	733	164	100	14	8	0.03	3.29	4
CO10107	CO10106	4.42	20 1-	2ACSR	0	0	729	164	97	13	8	0.02	3.31	2
CO9953	CO10107	4.61	16 1-	2ACSR	0	0	704	162	69	9	5	0.06	3.37	6
CO10110	CO9953	4.66	1 1-	2ACSR	0	0	697	162	11	1	1	0.00	3.37	0
CO10111	CO10110	4.68	1 1-	2ACSR	0	0	695	162	11	1	1	0.00	3.37	0
CO9988	CO10111	4.73	1 1-	2ACSR	0	0	688	161	11	1	1	0.00	3.37	0
CO9955	CO9953	4.66	14 1-	2ACSR	0	0	697	162	54	7	4	0.01	3.38	0
CO10104	CO9955	4.67	13 1-	2ACSR	0	0	696	162	48	6	4	0.00	3.38	0
CO10105	CO10104	4.78	12 1-	2ACSR	0	0	682	161	42	6	3	0.02	3.40	0
CO10103	CO10105	4.91	11 1-	2ACSR	0	0	668	160	37	5	3	0.02	3.43	0
CO9954	CO10103	4.97	3 1-	2ACSR	0	0	660	160	12	1	1	0.00	3.43	0
CO9981	CO9954	5.11	1 1-	2ACSR	0	0	644	159	6	0	0	0.00	3.43	0
CO10112	CO9954	5.08	1 1-	2ACSR	0	0	648	159	6	0	0	0.00	3.43	0
CO10113	CO10112	5.14	0 1-	2ACSR	0	0	642	159	0	0	0	0.00	3.43	0
CO9980	CO10113	5.20	0 1-	2ACSR	0	0	635	158	0	0	0	0.00	3.43	0
CO9979	CO10113	5.33	0 1-	2ACSR	0	0	622	157	0	0	0	0.00	3.43	0
CO10102	CO10103	5.04	8 1-	2ACSR	0	0	652	159	25	3	2	0.01	3.44	0

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10114	CO10102	5.06	7 1-	2ACSR	0	0	650	159	17	2	1	0.00	3.44	0
CO10115	CO10114	5.10	6 1-	2ACSR	0	0	646	159	10	1	1	0.00	3.44	0
CO9956	CO10115	5.26	2 1-	2ACSR	0	0	629	158	3	0	0	0.00	3.45	0
CO10059	CO9956	5.31	1 1- 750 MCM - 42 Wi	0	0	0	626	158	2	0	0	0.00	3.45	0
CO10060	CO10059	5.35	0 1- 750 MCM - 42 Wi	0	0	0	625	158	0	0	0	0.00	3.45	0
CO10054	CO10060	5.45	0 1- 750 MCM - 42 Wi	0	0	0	620	158	0	0	0	0.00	3.45	0
CO10031	CO9956	5.38	1 1-	2ACSR	0	0	617	157	2	0	0	0.00	3.45	0
CO10121	CO10031	5.39	1 1-	2ACSR	0	0	615	157	2	0	0	0.00	3.45	0
CO10122	CO10121	5.46	1 1-	2ACSR	0	0	608	156	2	0	0	0.00	3.45	0
CO10032	CO10122	5.55	1 1-	2ACSR	0	0	600	156	2	0	0	0.00	3.45	0
CO10033	CO10032	5.66	1 1-	2ACSR	0	0	589	155	2	0	0	0.00	3.45	0
CO10139	CO10033	5.67	0 1-	2ACSR	0	0	588	155	0	0	0	0.00	3.45	0
CO10026	CO10115	5.21	4 1-	2ACSR	0	0	634	158	6	0	0	0.00	3.45	0
CO10027	CO10026	5.29	4 1-	2ACSR	0	0	626	158	6	0	0	0.00	3.45	0
CO10109	CO10027	5.45	2 1-	2ACSR	0	0	609	157	0	0	0	0.00	3.45	0
CO10123	CO10109	5.58	1 1-	2ACSR	0	0	597	156	0	0	0	0.00	3.45	0
CO10124	CO10123	5.59	0 1-	2ACSR	0	0	596	156	0	0	0	0.00	3.45	0
CO10028	CO10124	5.71	0 1-	2ACSR	0	0	585	155	0	0	0	0.00	3.45	0
CO10029	CO10028	5.90	0 1-	2ACSR	0	0	568	154	0	0	0	0.00	3.45	0
CO10030	CO10029	5.96	0 1-	2ACSR	0	0	562	153	0	0	0	0.00	3.45	0
CO9982	CO10027	5.38	2 1-	2ACSR	0	0	617	157	6	0	0	0.00	3.45	0
CO9984	CO9955	4.69	1 1-	4ACSR	0	0	693	162	6	0	1	0.00	3.38	0
CO9978	CO10107	4.49	1 1-	2ACSR	0	0	719	163	10	1	1	0.00	3.31	0
CO9990	CO10107	4.51	1 1-	2ACSR	0	0	716	163	6	0	0	0.00	3.31	0
CO9583	CO9613	4.31	4 1-	4ACSR	0	0	742	164	24	3	2	0.01	3.23	0
CO9584	CO9583	4.41	3 1-	4ACSR	0	0	726	163	16	2	2	0.01	3.24	0
CO30657	CO9584	4.45	2 1-	2ACSR	0	0	721	163	12	1	1	0.00	3.24	0
CO30658	CO30657	4.46	1 1-	2ACSR	0	0	719	163	12	1	1	0.00	3.25	0
CO9585	CO9584	4.47	0 1-	4ACSR	0	0	717	163	0	0	0	0.00	3.24	0
CO9471	CO9613	4.39	4 1-	2ACSR	0	0	732	164	38	5	3	0.02	3.25	0
CO1788908140	CO9471	4.47	1 1-	2ACSR	0	0	722	163	9	1	1	0.00	3.25	0
CO9472	CO9471	4.56	2 1-	2ACSR	0	0	710	163	17	2	1	0.01	3.26	0
CO17003	CO9472	4.75	2 1-	2ACSR	0	0	686	161	17	2	1	0.01	3.27	0
CO10108	CO17003	4.89	2 1-	2ACSR	0	0	669	160	17	2	1	0.01	3.29	0
CO10025	CO10108	4.97	2 1-	2ACSR	0	0	660	160	17	2	1	0.01	3.29	0
CO10128	CO10025	5.20	2 1-	1/0PRIURD	0	0	640	330	17	2	2	0.01	3.30	0
CO9422	CO9612	4.11	1 1-	2ACSR	0	0	771	166	0	0	0	0.00	2.98	0
CO9387	CO9683	3.99	1 1-	4ACSR	0	0	782	166	1	0	0	0.00	2.69	0
CO9415	CO9469	3.26	1 1-	2ACSR	0	0	911	172	4	0	0	0.00	2.09	0
CO9413	CO9344	3.02	1 1- 750 MCM - 42 Wi	0	0	0	966	175	3	0	0	0.00	1.74	0
CO9405	CO9619	2.90	2 1-	4ACSR	0	0	980	175	8	1	1	0.00	1.66	0
CO9386	CO9619	2.99	1 1-	2ACSR	0	0	962	174	11	1	1	0.00	1.66	0
CO9625+	CO9652	2.47	3 1- 336 MCM ACSR	30	0	0	1788	342	26	1	0	0.00	0.41	0
OC-248744741+	CO9625	2.47	0 1- 20 N FUSE	0	0	0	1788	342	0	0	0	0.00	0.41	0
CO9626+	OC-248744741	2.51	0 1- 336 MCM ACSR	30	0	0	1779	342	0	0	0	0.00	0.41	0
CO9473+	CO9340	1.73	139 3-	1/0ACSR	2020	2016	1979	345	903	21	9	0.00	0.34	6
OC-1933942560+	CO9473	1.73	137 3-	20 N FUSE	2020	2016	1979	345	884	20	104	0.00	0.34	0
CO9639+	OC-1933942560	1.78	137 3-	1/0ACSR	2005	1997	1958	345	884	20	9	0.01	0.35	13
CO9640+	CO9639	1.84	135 3-	1/0ACSR	1988	1976	1935	344	869	20	9	0.01	0.37	14
CO9638+	CO9640	1.89	133 3-	1/0ACSR	1975	1958	1915	343	854	20	9	0.01	0.38	12
CO9347+	CO9638	1.94	8 3-	1/0ACSR	1962	1942	1897	343	43	1	0	0.00	0.38	0
CO9672+	CO9347	1.94	4 1-	4ACSR	0	0	1894	343	21	1	1	0.00	0.38	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC251+	CO9672	1.94	4 1-	10 N FUSE	0	0	1894	343	21	1	15	0.00	0.38	0
CO9673+	OC251	1.99	4 1-	4ACSR	0	0	1873	342	21	1	1	0.00	0.38	0
CO9635+	CO9673	2.02	3 1-	4ACSR	0	0	1859	341	17	1	1	0.00	0.38	0
CO9474+	CO9635	2.13	2 1-	4ACSR	0	0	1811	339	13	0	1	0.00	0.38	0
CO9389+	CO9474	2.23	2 1-	4ACSR	0	0	1763	337	13	0	1	0.00	0.38	0
CO-1653979703+	CO9389	2.28	1 1-	2ACSR	0	0	1745	336	8	0	0	0.00	0.38	0
CO9388+	CO9474	2.23	0 1-	4ACSR	0	0	1763	337	0	0	0	0.00	0.38	0
CO9636+	CO9347	1.97	3 1-	4ACSR	0	0	1881	342	13	0	1	0.00	0.38	0
CO9637+	CO9636	2.04	2 1-	4ACSR	0	0	1848	341	10	0	0	0.00	0.38	0
CO9475+	CO9638	1.99	123 3-	1/0ACSR	1949	1926	1880	342	794	18	8	0.02	0.39	19
CO9476+	CO9475	2.06	123 3-	1/0ACSR	1931	1903	1854	342	794	18	8	0.01	0.40	14
CO9477+	CO9476	2.10	122 3-	1/0ACSR	1919	1889	1838	341	789	18	8	0.01	0.41	9
CO9392+	CO9477	2.14	1 1-	4ACSR	0	0	1822	340	3	0	0	0.00	0.41	0
OC-439135159+	CO9392	2.14	0 1-	20 N FUSE	0	0	1822	340	0	0	0	0.00	0.41	0
CO9479+	CO9477	2.15	121 3-	1/0ACSR	1906	1874	1821	341	786	18	8	0.01	0.42	9
CO9480+	CO9479	2.20	120 3-	1/0ACSR	1894	1859	1804	340	782	18	8	0.01	0.43	10
CO9656+	CO9480	2.27	118 3-	1/0ACSR	1878	1839	1782	339	760	17	8	0.01	0.44	12
CO9657+	CO9656	2.37	116 3-	1/0ACSR	1853	1810	1749	338	742	17	8	0.02	0.46	18
CO9348+	CO9657	2.43	111 3-	1/0ACSR	1838	1794	1730	338	701	16	7	0.01	0.47	9
CO9349+	CO9348	2.49	109 3-	1/0ACSR	1822	1775	1709	337	682	16	7	0.01	0.48	10
CO9411+	CO9349	2.61	1 1-	4ACSR	0	0	1662	335	6	0	0	0.00	0.48	0
OC-310502763+	CO9411	2.61	0 1-	20 N FUSE	0	0	1662	335	0	0	0	0.00	0.48	0
CO9361+	CO9349	2.54	108 3-	1/0ACSR	1810	1761	1694	337	676	15	7	0.01	0.48	7
CO9390+	CO9361	2.61	1 1-	4ACSR	0	0	1666	335	13	0	1	0.00	0.48	0
OC194305453+	CO9390	2.61	0 1-	20 N FUSE	0	0	1666	335	0	0	0	0.00	0.48	0
CO9666+	CO9361	2.58	107 3-	1/0ACSR	1802	1752	1683	336	663	15	7	0.01	0.49	5
CO9667+	CO9666	2.62	106 3-	1/0ACSR	1794	1742	1672	336	652	15	7	0.01	0.49	5
CO9350+	CO9667	2.69	103 3-	1/0ACSR	1776	1722	1649	335	632	14	6	0.01	0.51	10
CO9360+	CO9350	2.71	102 3-	1/0ACSR	1772	1718	1644	335	623	14	6	0.00	0.51	0
CO9565+	CO9360	2.80	3 1-	4ACSR	0	0	1609	333	41	2	2	0.00	0.51	0
OC1319153922+	CO9565	2.80	1 1-	20 N FUSE	0	0	1609	333	16	1	6	0.00	0.51	0
CO9566+	OC1319153922	2.84	1 1-	4ACSR	0	0	1596	332	16	1	1	0.00	0.51	0
CO9567+	CO9566	2.88	1 1-	4ACSR	0	0	1583	331	16	1	1	0.00	0.51	0
CO9351+	CO9360	2.79	98 3-	1/0ACSR	1753	1697	1621	334	578	13	6	0.01	0.52	9
CO9481+	CO9351	2.88	96 3-	1/0ACSR	1735	1677	1598	333	565	13	6	0.01	0.53	8
CO9482+	CO9481	2.93	95 3-	1/0ACSR	1723	1664	1583	333	558	13	6	0.01	0.53	5
CO9417+	CO9482	2.97	0 1-	2ACSR	0	0	1570	332	0	0	0	0.00	0.53	0
OC-995633035+	CO9417	2.97	0 1-	20 N FUSE	0	0	1570	332	0	0	0	0.00	0.53	0
CO9483+	CO9482	2.96	94 3-	1/0ACSR	1716	1657	1575	332	549	12	6	0.00	0.54	3
CO9668+	CO9483	2.97	94 3-	1/0ACSR	1715	1655	1573	332	549	12	6	0.00	0.54	0
AU13	CO9668	2.97	94 3-	333 KVA 1PH AUT	1002	994	977	174	549	12	56	0.75	1.29	0
CO9669	AU13	3.02	94 3-	1/0ACSR	996	987	968	174	549	25	11	0.02	1.32	20
CO9520	CO9669	3.08	94 3-	1/0ACSR	989	978	957	174	549	25	11	0.03	1.35	23
CO9519	CO9520	3.14	94 3-	1/0ACSR	981	970	946	174	549	25	11	0.03	1.38	23
OC943	CO9519	3.14	94 3-	70 L OCR	981	970	946	174	549	25	37	0.00	1.38	0
CO9518	OC943	3.23	94 3-	1/0ACSR	969	957	930	173	549	25	11	0.05	1.42	37
CO9354	CO9518	3.28	64 1-	4ACSR	0	0	920	173	400	56	41	0.12	1.55	80
CO9355	CO9354	3.37	59 1-	4ACSR	0	0	901	171	365	51	37	0.23	1.78	136
CO9577	CO9355	3.45	2 1-	4ACSR	0	0	884	171	22	3	2	0.01	1.79	0
CO9578	CO9577	3.50	2 1-	4ACSR	0	0	874	170	22	3	2	0.01	1.80	0
CO9576	CO9578	3.55	1 1-	4ACSR	0	0	865	170	12	1	1	0.00	1.80	0
CO9396	CO9355	3.45	2 1-	4ACSR	0	0	884	171	14	2	1	0.00	1.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9356	CO9355	3.44	55 1-	4ACSR	0	0	886	171	328	46	33	0.16	1.93	83
CO9398	CO9356	3.51	3 1-	4ACSR	0	0	874	170	22	3	2	0.01	1.94	0
CO-1189514977	CO9398	3.58	1 1-	2ACSR	0	0	861	169	7	0	1	0.00	1.94	0
CO-2051531890	CO-1189514977	3.69	1 1-	2ACSR	0	0	842	169	7	0	1	0.00	1.94	0
CO9397	CO9356	3.52	2 1-	4ACSR	0	0	872	170	1	0	0	0.00	1.93	0
CO9690	CO9356	3.51	50 1-	4ACSR	0	0	872	170	304	43	31	0.14	2.07	68
CO9691	CO9690	3.53	49 1-	4ACSR	0	0	869	170	291	41	30	0.03	2.10	14
CO9399	CO9691	3.60	1 1-	4ACSR	0	0	855	169	3	0	0	0.00	2.10	0
CO9629	CO9691	3.57	47 1-	4ACSR	0	0	861	169	288	41	29	0.07	2.18	35
CO9630	CO9629	3.60	46 1-	4ACSR	0	0	854	169	279	39	28	0.07	2.25	31
CO169577010	CO9630	3.63	45 1-	2ACSR	0	0	849	169	275	39	22	0.04	2.28	16
CO981820118	CO169577010	3.76	1 1-	2ACSR	0	0	827	168	21	2	2	0.01	2.29	0
CO846758161	CO169577010	3.66	44 1-	2ACSR	0	0	845	169	254	36	20	0.03	2.31	11
CO9632	CO846758161	3.73	44 1-	4ACSR	0	0	831	168	254	36	26	0.12	2.44	51
CO9400	CO9632	3.76	0 1-	4ACSR	0	0	824	167	0	0	0	0.00	2.44	0
CO9633	CO9632	3.81	44 1-	4ACSR	0	0	815	167	254	36	26	0.14	2.58	57
CO9634	CO9633	3.87	43 1-	4ACSR	0	0	804	166	247	35	25	0.10	2.67	39
CO9408	CO9634	3.91	1 1-	4ACSR	0	0	797	166	0	0	0	0.00	2.67	0
CO9507	CO9634	3.94	42 1-	4ACSR	0	0	791	166	247	35	25	0.12	2.79	47
CO9508	CO9507	4.00	41 1-	4ACSR	0	0	780	165	237	33	24	0.09	2.88	36
CO9359	CO9508	4.03	9 1-	4ACSR	0	0	774	165	52	7	5	0.01	2.89	0
CO9409	CO9359	4.10	1 1-	4ACSR	0	0	763	164	12	1	1	0.00	2.90	0
CO9509	CO9359	4.06	5 1-	4ACSR	0	0	770	164	23	3	2	0.00	2.90	0
CO9510	CO9509	4.11	5 1-	4ACSR	0	0	761	164	23	3	2	0.01	2.91	0
CO9511	CO9510	4.15	5 1-	4ACSR	0	0	753	163	23	3	2	0.01	2.91	0
CO9512	CO9511	4.20	5 1-	4ACSR	0	0	745	163	23	3	2	0.01	2.92	0
CO9513	CO9512	4.28	4 1-	4ACSR	0	0	733	162	22	3	2	0.01	2.93	0
CO626319758	CO9513	4.32	0 1-	2ACSR	0	0	726	162	0	0	0	0.00	2.93	0
CO9514	CO9513	4.46	1 1-	4ACSR	0	0	703	160	3	0	0	0.00	2.93	0
CO9515	CO9514	4.62	1 1-	4ACSR	0	0	678	159	3	0	0	0.00	2.93	0
CO9494	CO9508	4.05	32 1-	4ACSR	0	0	772	164	185	26	19	0.06	2.94	18
CO9495	CO9494	4.11	32 1-	4ACSR	0	0	761	164	184	26	19	0.07	3.01	20
CO9357	CO9495	4.20	28 1-	4ACSR	0	0	745	163	163	23	17	0.10	3.12	28
CO9499	CO9357	4.24	28 1-	4ACSR	0	0	739	163	163	23	17	0.04	3.16	10
CO9500	CO9499	4.28	28 1-	4ACSR	0	0	731	162	163	23	17	0.05	3.20	12
OC281410771	CO9500	4.28	26 1-	20 N FUSE	0	0	731	162	149	21	107	0.00	3.20	0
CO9498	OC281410771	4.43	26 1-	4ACSR	0	0	708	161	149	21	15	0.14	3.35	35
CO9497	CO9498	4.46	25 1-	4ACSR	0	0	702	160	145	20	15	0.03	3.38	8
CO9496	CO9497	4.49	24 1-	4ACSR	0	0	699	160	134	19	14	0.02	3.40	4
CO17288	CO9496	4.65	22 1-	4ACSR	0	0	674	158	120	17	12	0.13	3.54	27
CO2274	CO17288	4.69	22 1-	4ACSR	0	0	668	158	120	17	12	0.03	3.57	6
CO2273	CO2274	4.75	20 1-	4ACSR	0	0	660	158	105	15	11	0.04	3.61	7
CO2272	CO2273	4.81	19 1-	4ACSR	0	0	651	157	105	15	11	0.04	3.65	7
CO2145	CO2272	4.87	7 1-	4ACSR	0	0	643	156	34	4	4	0.01	3.66	0
CO2144	CO2145	4.95	7 1-	4ACSR	0	0	632	156	34	4	4	0.02	3.68	0
CO2253	CO2144	4.98	3 1-	4ACSR	0	0	628	155	20	2	2	0.00	3.69	0
CO2252	CO2253	5.01	3 1-	4ACSR	0	0	623	155	20	2	2	0.00	3.69	0
CO2251	CO2252	5.04	2 1-	4ACSR	0	0	619	155	13	1	1	0.00	3.69	0
CO2250	CO2251	5.09	2 1-	4ACSR	0	0	614	154	13	1	1	0.00	3.69	0
CO2249	CO2250	5.16	1 1-	4ACSR	0	0	605	154	7	1	1	0.00	3.70	0
CO2248	CO2249	5.22	1 1-	4ACSR	0	0	598	153	7	1	1	0.00	3.70	0
CO2055	CO2144	5.12	3 1-	4ACSR	0	0	610	154	10	1	1	0.01	3.69	0

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2100	CO2055	5.31	0 1-	4ACSR	0	0	587	152	0	0	0	0.00	3.69	0
CO2222	CO2055	5.16	3 1-	4ACSR	0	0	604	154	10	1	1	0.00	3.70	0
CO2277	CO2222	5.23	3 1-	4ACSR	0	0	596	153	10	1	1	0.00	3.70	0
CO2278	CO2277	5.35	2 1-	4ACSR	0	0	581	152	10	1	1	0.00	3.71	0
CO2275	CO2272	4.93	10 1-	4ACSR	0	0	634	156	69	9	7	0.06	3.71	6
CO2276	CO2275	4.97	8 1-	4ACSR	0	0	629	155	61	8	6	0.02	3.72	0
CO2056	CO2276	5.00	4 1-	4ACSR	0	0	625	155	30	4	3	0.00	3.73	0
CO2229	CO2056	5.06	4 1-	4ACSR	0	0	617	155	30	4	3	0.01	3.74	0
CO2228	CO2229	5.10	4 1-	4ACSR	0	0	612	154	30	4	3	0.01	3.75	0
CO2227	CO2228	5.13	2 1-	4ACSR	0	0	609	154	14	1	1	0.00	3.75	0
CO2226	CO2227	5.17	2 1-	4ACSR	0	0	604	154	14	1	1	0.00	3.75	0
CO2105	CO2226	5.20	1 1-	4ACSR	0	0	600	153	11	1	1	0.00	3.75	0
CO2225	CO2226	5.20	1 1-	4ACSR	0	0	599	153	3	0	0	0.00	3.75	0
CO2101	CO2276	5.05	1 1-	4ACSR	0	0	619	155	2	0	0	0.00	3.72	0
CO2224	CO2276	5.06	2 1-	4ACSR	0	0	618	155	15	2	2	0.01	3.73	0
CO2223	CO2224	5.09	1 1-	4ACSR	0	0	613	154	15	2	2	0.00	3.73	0
CO2271	CO2275	5.01	2 1-	1/0PRIURD	0	0	628	318	8	1	1	0.00	3.71	0
CO9581	CO9357	4.24	0 1-	4ACSR	0	0	739	163	0	0	0	0.00	3.12	0
CO9582	CO9581	4.27	0 1-	4ACSR	0	0	733	162	0	0	0	0.00	3.12	0
CO9579	CO9495	4.13	1 1-	4ACSR	0	0	757	164	4	0	0	0.00	3.01	0
CO9580	CO9579	4.19	1 1-	4ACSR	0	0	747	163	4	0	0	0.00	3.01	0
CO9425	CO9690	3.55	1 1-	1/0PRIURD	0	0	868	389	13	1	1	0.00	2.07	0
CO9575	CO9354	3.35	4 1-	4ACSR	0	0	905	172	26	3	3	0.01	1.56	0
CO9407	CO9575	3.41	2 1-	4ACSR	0	0	894	171	20	2	2	0.00	1.56	0
CO9574	CO9575	3.42	1 1-	4ACSR	0	0	891	171	2	0	0	0.00	1.56	0
CO9658	CO9518	3.27	30 3-	1/0ACSR	965	952	923	173	149	7	3	0.01	1.43	0
CO9659	CO9658	3.29	28 3-	1/0ACSR	962	949	920	173	143	6	3	0.00	1.43	0
CO9660	CO9659	3.37	28 3-	1/0ACSR	952	938	906	172	143	6	3	0.01	1.44	0
CO9485	CO9660	3.48	28 1-	6ACWC	0	0	885	171	143	20	14	0.10	1.54	24
OC-1250030767	CO9485	3.48	28 1-	20 N FUSE	0	0	885	171	143	20	101	0.00	1.54	0
CO9486	OC-1250030767	3.59	28 1-	6ACWC	0	0	864	170	143	20	14	0.10	1.64	23
CO9484	CO9486	3.73	27 1-	6ACWC	0	0	837	168	141	20	14	0.13	1.77	28
CO9568	CO9484	3.79	1 1-	6ACWC	0	0	825	168	19	2	2	0.01	1.78	0
CO9569	CO9568	3.91	1 1-	6ACWC	0	0	804	167	19	2	2	0.01	1.78	0
CO9487	CO9484	3.80	25 1-	6ACWC	0	0	824	168	112	15	11	0.05	1.82	9
CO9488	CO9487	3.85	24 1-	6ACWC	0	0	814	167	112	15	11	0.03	1.85	6
CO9489	CO9488	3.87	22 1-	6ACWC	0	0	810	167	98	14	10	0.01	1.87	2
CO9423	CO9489	3.91	1 1-	2ACSR	0	0	803	167	8	1	1	0.00	1.87	0
CO9490	CO9489	3.92	21 1-	6ACWC	0	0	801	166	90	12	9	0.03	1.90	4
CO9492	CO9490	4.05	18 1-	6ACWC	0	0	777	165	68	9	7	0.06	1.96	6
CO9493	CO9492	4.06	16 1-	6ACWC	0	0	776	165	63	8	6	0.00	1.96	0
CO9491	CO9493	4.13	16 1-	6ACWC	0	0	764	164	63	8	6	0.03	1.99	3
CO9352	CO9491	4.21	14 1-	6ACWC	0	0	749	163	56	7	6	0.03	2.02	3
OC-1610115838	CO9352	4.21	14 1-	20 N FUSE	0	0	749	163	56	7	40	0.00	2.02	0
CO17007	OC-1610115838	4.27	1 1-	6ACWC	0	0	740	163	3	0	0	0.00	2.02	0
CO9353	OC-1610115838	4.26	13 1-	6ACWC	0	0	742	163	52	7	5	0.02	2.03	0
CO9661	CO9353	4.49	12 1-	6ACWC	0	0	705	161	52	7	5	0.08	2.11	7
CO17005	CO9661	4.71	12 1-	6ACWC	0	0	671	159	52	7	5	0.08	2.19	6
CO10118	CO17005	4.78	12 1-	6ACWC	0	0	662	158	52	7	5	0.02	2.21	0
CO17287	CO10118	4.93	11 1-	6ACWC	0	0	642	157	52	7	5	0.05	2.26	4
CO2356	CO17287	5.02	10 1-	6ACWC	0	0	629	156	50	7	5	0.03	2.29	2
CO2221	CO2356	5.09	4 1-	6ACWC	0	0	620	155	28	3	3	0.01	2.30	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2220	CO2221	5.12	1 1-	6ACWC	0	0	616	155	0	0	0	0.00	2.30	0
CO2219	CO2220	5.16	1 1-	6ACWC	0	0	612	154	0	0	0	0.00	2.30	0
CO2099	CO2356	5.10	4 1-	6ACWC	0	0	619	155	20	2	2	0.01	2.30	0
CO2098	CO2356	5.14	2 1-	6ACWC	0	0	614	155	2	0	0	0.00	2.29	0
CO2097	CO2356	5.16	0 1-	6ACWC	0	0	611	154	0	0	0	0.00	2.29	0
CO17286	CO10118	4.95	0 1-	6ACWC	0	0	639	156	0	0	0	0.00	2.21	0
CO2873	CO17286	5.17	0 1-	6ACWC	0	0	610	154	0	0	0	0.00	2.21	0
CO2897	CO2873	5.27	0 1-	6ACWC	0	0	598	153	0	0	0	0.00	2.21	0
CO2874	CO2873	5.18	0 1-	6ACWC	0	0	608	154	0	0	0	0.00	2.21	0
CO2991	CO2874	5.19	0 1-	6ACWC	0	0	607	154	0	0	0	0.00	2.21	0
CO2898	CO17286	5.02	0 1-	6ACWC	0	0	629	156	0	0	0	0.00	2.21	0
CO9395	CO9353	4.31	1 1-	6ACWC	0	0	734	162	0	0	0	0.00	2.04	0
CO9627	CO9491	4.17	1 1-	6ACWC	0	0	757	164	7	0	1	0.00	1.99	0
CO9628	CO9627	4.19	1 1-	6ACWC	0	0	753	164	7	0	1	0.00	1.99	0
CO9570	CO9490	3.99	3 1-	6ACWC	0	0	788	166	23	3	2	0.01	1.91	0
CO9571	CO9570	4.04	1 1-	6ACWC	0	0	780	165	11	1	1	0.00	1.91	0
CO9572	CO9571	4.05	1 1-	6ACWC	0	0	777	165	11	1	1	0.00	1.91	0
CO9573	CO9572	4.10	1 1-	6ACWC	0	0	770	165	11	1	1	0.00	1.91	0
CO9689	CO9660	3.38	0 1-	2ACSR	0	0	905	172	0	0	0	0.00	1.44	0
SW261-A	CO9689	3.38	0 1-	Open	0	0	905	172	0	0	0	0.00	1.44	0
CO9391+	CO9351	2.84	2 1-	4ACSR	0	0	1603	333	13	0	1	0.00	0.52	0
OC-1918425349+	CO9391	2.84	0 1-	20 N FUSE	0	0	1603	333	0	0	0	0.00	0.52	0
CO9420+	CO9360	2.76	1 1-	2ACSR	0	0	1627	334	4	0	0	0.00	0.51	0
OC358834281+	CO9420	2.76	0 1-	20 N FUSE	0	0	1627	334	0	0	0	0.00	0.51	0
CO9410+	CO9350	2.75	1 1-	4ACSR	0	0	1627	334	9	0	0	0.00	0.51	0
OC554085172+	CO9410	2.75	0 1-	20 N FUSE	0	0	1627	334	0	0	0	0.00	0.51	0
CO9563+	CO9667	2.66	3 1-	4ACSR	0	0	1654	335	20	1	1	0.00	0.50	0
OC1717706503+	CO9563	2.66	2 1-	20 N FUSE	0	0	1654	335	13	0	4	0.00	0.50	0
CO9564+	OC1717706503	2.70	2 1-	4ACSR	0	0	1640	334	13	0	1	0.00	0.50	0
CO-191479176+	CO9564	2.75	1 1-	2ACSR	0	0	1624	333	9	0	0	0.00	0.50	0
CO9416+	CO9348	2.49	1 1-	2ACSR	0	0	1708	337	5	0	0	0.00	0.47	0
OC474324562+	CO9416	2.49	0 1-	20 N FUSE	0	0	1708	337	0	0	0	0.00	0.47	0
CO9558+	CO9348	2.52	1 1-	4ACSR	0	0	1692	336	14	0	1	0.00	0.47	0
OC1540572953+	CO9558	2.52	1 1-	20 N FUSE	0	0	1692	336	14	0	5	0.00	0.47	0
CO9559+	OC1540572953	2.59	1 1-	4ACSR	0	0	1664	334	14	0	1	0.00	0.47	0
CO9590+	CO9657	2.42	2 1-	2ACSR	0	0	1729	338	17	1	1	0.00	0.46	0
OC-1631789613+	CO9590	2.42	2 1-	20 N FUSE	0	0	1729	338	17	1	6	0.00	0.46	0
CO9591+	OC-1631789613	2.50	2 1-	2ACSR	0	0	1702	336	17	1	1	0.00	0.46	0
CO9592+	CO9591	2.53	1 1-	2ACSR	0	0	1692	336	8	0	0	0.00	0.46	0
CO9593+	CO9592	2.62	1 1-	2ACSR	0	0	1661	335	8	0	0	0.00	0.46	0
CO9556+	CO9657	2.39	2 1-	4ACSR	0	0	1738	338	21	1	1	0.00	0.46	0
OC-1554676412+	CO9556	2.39	1 1-	20 N FUSE	0	0	1738	338	17	1	6	0.00	0.46	0
CO9557+	OC-1554676412	2.47	1 1-	4ACSR	0	0	1709	336	17	1	1	0.00	0.46	0
CO9561+	CO9480	2.27	2 1-	4ACSR	0	0	1774	339	22	1	1	0.00	0.43	0
OC775776744+	CO9561	2.27	1 1-	20 N FUSE	0	0	1774	339	11	0	4	0.00	0.43	0
CO9562+	OC775776744	2.35	1 1-	4ACSR	0	0	1738	337	11	0	1	0.00	0.43	0
CO9560+	CO9562	2.41	1 1-	4ACSR	0	0	1717	336	11	0	1	0.00	0.43	0
CO9419+	CO9458	1.30	1 1-	2ACSR	0	0	2107	347	9	0	0	0.00	0.25	0
OC-415934022+	CO9419	1.30	0 1-	20 N FUSE	0	0	2107	347	0	0	0	0.00	0.25	0
CO8818+	CO8850	1.08	1 1-	336 MCM ACSR 30	0	0	2187	348	3	0	0	0.00	0.21	0
OC-1288478254+	CO8818	1.08	0 1-	20 N FUSE	0	0	2187	348	0	0	0	0.00	0.21	0
CO9123+	CO9120	0.01	513 3-	750 MCM - 42 Wi	2421	2623	2635	353	2900	65	6	0.00	0.00	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
Polkville+	CO9123	0.01	513 3-	560 200WVE	2421	2623	2635	353	2900	65	12	0.00	0.00	0
CO9116+	Polkville	0.03	513 3-	336ACSR	2415	2612	2624	353	2900	65	13	0.00	0.01	16
CO9117+	CO9116	0.13	513 3-	336ACSR	2390	2567	2579	352	2899	65	13	0.02	0.03	70
CO9052+	CO9117	0.16	511 3-	336ACSR	2380	2551	2562	352	2896	65	13	0.01	0.04	27
CO9053+	CO9052	0.20	509 3-	336ACSR	2370	2532	2543	352	2888	65	13	0.01	0.05	30
CO9050+	CO9053	0.24	509 3-	336ACSR	2358	2513	2523	352	2888	65	13	0.01	0.05	32
CO9048+	CO9050	0.29	507 3-	336ACSR	2347	2495	2504	352	2872	64	12	0.01	0.06	31
CO9046+	CO9048	0.32	507 3-	336ACSR	2340	2482	2491	352	2872	64	12	0.01	0.07	22
CO8782+	CO9046	0.41	2 1-	4ACSR	0	0	2422	349	11	0	1	0.00	0.07	0
OC1450816921+	CO8782	0.41	0 1-	20 N FUSE	0	0	2422	349	0	0	0	0.00	0.07	0
CO8781+	CO9046	0.37	2 1-	4ACSR	0	0	2450	350	15	0	1	0.00	0.07	0
OC-1950365464+	CO8781	0.37	0 1-	20 N FUSE	0	0	2450	350	0	0	0	0.00	0.07	0
CO9043+	CO9046	0.35	503 3-	336ACSR	2331	2467	2475	351	2846	64	12	0.01	0.08	26
CO9044+	CO9043	0.39	501 3-	336ACSR	2320	2449	2456	351	2844	64	12	0.01	0.09	31
CO9041+	CO9044	0.45	500 3-	336ACSR	2306	2427	2432	351	2840	63	12	0.01	0.10	40
CO9039+	CO9041	0.51	497 3-	336ACSR	2289	2400	2404	351	2831	63	12	0.01	0.11	48
CO9037+	CO9039	0.64	495 3-	336ACSR	2258	2351	2352	350	2812	63	12	0.03	0.14	90
CO8750+	CO9037	0.75	9 1-	4ACSR	0	0	2278	348	50	3	2	0.01	0.15	0
OC2144441254+	CO8750	0.75	9 1-	20 N FUSE	0	0	2278	348	50	3	17	0.00	0.15	0
CO8749+	OC2144441254	0.85	7 1-	4ACSR	0	0	2216	345	38	2	2	0.01	0.15	0
CO8848+	CO8749	0.94	0 1-	4ACSR	0	0	2156	343	0	0	0	0.00	0.15	0
CO8984+	CO8749	0.92	7 1-	4ACSR	0	0	2171	344	38	2	2	0.00	0.16	0
CO804691951+	CO8984	0.99	6 1-	2ACSR	0	0	2130	343	31	2	1	0.00	0.16	0
CO1962217927+	CO804691951	1.11	1 1-	2ACSR	0	0	2070	341	14	0	1	0.00	0.16	0
CO1166614183+	CO804691951	1.27	5 1-	2ACSR	0	0	1987	339	18	1	1	0.01	0.16	0
CO9426+	CO1166614183	1.47	2 1-	4ACSR	0	0	1878	334	4	0	0	0.00	0.17	0
CO9427+	CO9426	1.57	1 1-	4ACSR	0	0	1828	332	2	0	0	0.00	0.17	0
SW881020651-B+	CO9427	1.57	0 1-	Closed	0	0	1828	332	0	0	0	0.00	0.17	0
SW881020651-A+	SW881020651-B	1.57	0 1-	Closed	0	0	1828	332	0	0	0	0.00	0.17	0
CO9523+	SW881020651-A	1.66	0 1-	4ACSR	0	0	1780	330	0	0	0	0.00	0.17	0
CO9524+	CO9523	1.87	0 1-	4ACSR	0	0	1683	326	0	0	0	0.00	0.17	0
CO9525+	CO9524	1.96	0 1-	4ACSR	0	0	1640	324	0	0	0	0.00	0.17	0
CO9366+	SW881020651-A	1.72	0 1-	4ACSR	0	0	1753	329	0	0	0	0.00	0.17	0
CO9365+	CO1166614183	1.37	3 1-	4ACSR	0	0	1933	337	14	0	1	0.00	0.17	0
CO8982+	OC2144441254	0.83	2 1-	4ACSR	0	0	2229	346	13	0	1	0.00	0.15	0
CO8983+	CO8982	0.86	1 1-	4ACSR	0	0	2210	345	6	0	0	0.00	0.15	0
CO9032+	CO9037	0.77	485 3-	336ACSR	2226	2303	2299	350	2759	62	12	0.03	0.17	92
CO9033+	CO9032	0.81	483 3-	336ACSR	2217	2290	2285	349	2748	61	12	0.01	0.18	25
CO8852+	CO9033	0.90	483 3-	336ACSR	2197	2260	2252	349	2748	61	12	0.02	0.19	60
CO8853+	CO8852	0.94	482 3-	336ACSR	2187	2245	2236	349	2743	61	12	0.01	0.20	31
CO8854+	CO8853	0.97	482 3-	336ACSR	2182	2237	2228	349	2743	61	12	0.00	0.21	15
CO8751+	CO8854	1.05	481 3-	336ACSR	2164	2211	2199	348	2737	61	12	0.02	0.22	55
CO9086+	CO8751	1.06	478 3-	336ACSR	2160	2207	2193	348	2725	61	12	0.00	0.23	10
CO9087+	CO9086	1.13	476 3-	336ACSR	2145	2185	2170	348	2715	61	12	0.01	0.24	45
CO8819+	CO9087	1.17	1 1-	4ACSR	0	0	2146	347	0	0	0	0.00	0.24	0
OC532650815+	CO8819	1.17	0 1-	20 N FUSE	0	0	2146	347	0	0	0	0.00	0.24	0
CO8795+	CO9087	1.16	3 1-	4ACSR	0	0	2154	347	14	0	1	0.00	0.24	0
OC-1083453530+	CO8795	1.16	0 1-	20 N FUSE	0	0	2154	347	0	0	0	0.00	0.24	0
CO8856+	CO9087	1.22	443 3-	336ACSR	2125	2157	2139	348	2522	56	11	0.02	0.26	53
CO8857+	CO8856	1.30	443 3-	336ACSR	2109	2135	2113	347	2522	56	11	0.01	0.27	44
CO8858+	CO8857	1.51	441 3-	336ACSR	2064	2074	2044	346	2519	56	11	0.04	0.32	125

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8796+	CO8858	1.55	4 1-	4ACSR	0	0	2025	345	17	1	1	0.00	0.32	0
OC412606898+	CO8796	1.55	0 1-	20 N FUSE	0	0	2025	345	0	0	0	0.00	0.32	0
CO8859+	CO8858	1.58	437 3-	336ACSR	2051	2057	2026	346	2501	56	11	0.01	0.33	35
CO8860+	CO8859	1.68	437 3-	336ACSR	2030	2029	1993	345	2501	56	11	0.02	0.35	62
CO8861+	CO8860	1.84	437 3-	336ACSR	2000	1991	1950	345	2501	56	11	0.03	0.38	86
CO8799+	CO8861	1.87	1 1-	4ACSR	0	0	1932	344	5	0	0	0.00	0.38	0
OC-480226580+	CO8799	1.87	0 1-	20 N FUSE	0	0	1932	344	0	0	0	0.00	0.38	0
CO8862+	CO8861	1.89	436 3-	336ACSR	1989	1977	1934	345	2496	56	11	0.01	0.39	32
CO8863+	CO8862	1.93	436 3-	336ACSR	1982	1968	1924	344	2495	56	11	0.01	0.39	21
CO8752+	CO8863	1.99	435 3-	336ACSR	1971	1955	1908	344	2493	56	11	0.01	0.41	32
CO8797+	CO8752	2.06	2 1-	4ACSR	0	0	1874	342	4	0	0	0.00	0.41	0
OC-1668668693+	CO8797	2.06	1 1-	20 N FUSE	0	0	1874	342	1	0	0	0.00	0.41	0
CO-1970598202+	OC-1668668693	2.14	1 1-	4ACSR	0	0	1839	341	1	0	0	0.00	0.41	0
CO8864+	CO8752	2.04	433 3-	336ACSR	1961	1941	1893	344	2489	56	11	0.01	0.42	32
CO8865+	CO8864	2.06	433 3-	336ACSR	1958	1938	1889	344	2489	56	11	0.00	0.42	9
CO8866+	CO8865	2.11	432 3-	336ACSR	1949	1926	1876	344	2489	56	11	0.01	0.43	29
CO8867+	CO8866	2.27	432 3-	336ACSR	1920	1891	1835	343	2489	56	11	0.03	0.46	91
CO8802+	CO8867	2.33	1 1-	4ACSR	0	0	1811	342	4	0	0	0.00	0.46	0
OC1113130627+	CO8802	2.33	0 1-	20 N FUSE	0	0	1811	342	0	0	0	0.00	0.46	0
CO8868+	CO8867	2.46	431 3-	336ACSR	1887	1851	1789	342	2485	56	11	0.04	0.50	106
CO8869+	CO8868	2.49	431 3-	336ACSR	1882	1845	1782	342	2484	56	11	0.01	0.50	16
CO8753+	CO8869	2.57	430 3-	336ACSR	1868	1828	1763	341	2475	55	11	0.02	0.52	48
XFMR110	CO8753	2.57	430 3-	1000 KVA 1PH AU	1697	1675	1652	177	2475	55	81	0.82	1.34	0
CO8871	XFMR110	2.63	430 3-	336ACSR	1683	1659	1632	177	2475	111	22	0.04	1.38	115
CO8872	CO8871	2.64	428 3-	336ACSR	1680	1656	1628	177	2470	111	22	0.01	1.38	22
CO8870	CO8872	2.75	428 3-	336ACSR	1650	1623	1585	177	2470	111	22	0.08	1.46	253
CO8873	CO8870	2.81	427 3-	336ACSR	1636	1607	1565	177	2456	111	21	0.04	1.50	125
CO8874	CO8873	2.91	427 3-	336ACSR	1610	1578	1528	177	2455	111	21	0.07	1.58	231
CO8754	CO8874	2.93	424 3-	336ACSR	1605	1572	1522	177	2424	109	21	0.01	1.59	41
CO-689687084	CO8754	2.98	422 3-	2ACSR	1588	1553	1497	176	2413	109	61	0.14	1.73	542
CO-1926294976	CO-689687084	3.03	1 3-	2ACSR	1570	1533	1473	176	47	2	1	0.00	1.73	0
CO1458475556	CO-1926294976	3.08	1 3-	2ACSR	1554	1516	1452	176	47	2	1	0.00	1.74	0
CO1712257740	CO1458475556	3.15	1 3-	2ACSR	1528	1487	1417	175	47	2	1	0.00	1.74	0
CO-1894113081	CO1712257740	3.35	1 3-	2ACSR	1459	1410	1328	173	47	2	1	0.01	1.75	0
CO1966221496	CO-689687084	3.03	421 3-	2ACSR	1569	1532	1471	176	2363	107	60	0.15	1.88	569
CO8767	CO1966221496	3.08	334 3-	1/0ACSR	1553	1515	1451	176	1936	87	38	0.07	1.95	210
CO8768	CO8767	3.13	331 3-	1/0ACSR	1538	1498	1431	175	1923	87	38	0.07	2.02	208
CO8944	CO8768	3.16	3 1-	4ACSR	0	0	1415	175	18	2	2	0.00	2.02	0
OC189700805	CO8944	3.16	1 1-	20 N FUSE	0	0	1415	175	4	0	3	0.00	2.02	0
CO8945	OC189700805	3.20	1 1-	4ACSR	0	0	1397	175	4	0	0	0.00	2.02	0
CO8769	CO8768	3.21	328 3-	1/0ACSR	1513	1471	1398	175	1904	86	38	0.12	2.14	342
CO8770	CO8769	3.29	321 3-	1/0ACSR	1488	1444	1367	175	1814	82	36	0.11	2.25	306
CO9111	CO8770	3.30	16 1-	4ACSR	0	0	1364	174	77	10	8	0.00	2.25	0
OC232	CO9111	3.30	16 1-	10 N FUSE	0	0	1364	174	77	10	106	0.00	2.25	0
CO9112	OC232	3.37	16 1-	4ACSR	0	0	1330	174	77	10	8	0.03	2.29	4
CO8907	CO9112	3.43	14 1-	4ACSR	0	0	1301	173	76	10	7	0.03	2.31	4
CO8908	CO8907	3.48	13 1-	4ACSR	0	0	1277	172	76	10	7	0.02	2.33	2
CO8909	CO8908	3.57	11 1-	4ACSR	0	0	1237	171	61	8	6	0.03	2.37	3
CO8910	CO8909	3.62	9 1-	4ACSR	0	0	1213	171	57	7	6	0.02	2.38	0
CO8911	CO8910	3.72	7 1-	4ACSR	0	0	1171	170	45	6	4	0.03	2.41	0
CO17291	CO8911	3.86	6 1-	4ACSR	0	0	1114	168	41	5	4	0.03	2.44	0
CO1334	CO17291	3.99	5 1-	4ACSR	0	0	1067	167	31	4	3	0.02	2.46	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1335	CO1334	4.04	3 1-	4ACSR	0	0	1048	166	31	4	3	0.01	2.47	0
CO1333	CO1335	4.19	1 1-	2ACSR	0	0	1005	165	7	0	0	0.00	2.48	0
CO-1598447739	CO1333	4.47	0 1-	2ACSR	0	0	934	163	0	0	0	0.00	2.48	0
CO1336	CO1335	4.18	2 1-	4ACSR	0	0	1001	165	24	3	2	0.02	2.49	0
CO-1660777533	CO1336	4.25	1 1-	2ACSR	0	0	982	165	9	1	1	0.00	2.50	0
CO1337	CO1336	4.31	1 1-	4ACSR	0	0	958	164	15	2	1	0.01	2.50	0
CO8905	CO8770	3.40	302 3-	1/0ACSR	1456	1409	1326	174	1709	77	34	0.14	2.39	374
CO8906	CO8905	3.43	298 3-	1/0ACSR	1448	1400	1316	174	1701	77	34	0.04	2.43	102
CO8771	CO8906	3.49	291 3-	1/0ACSR	1430	1381	1294	173	1650	75	33	0.08	2.51	200
CO8817	CO8771	3.54	1 1-	4ACSR	0	0	1270	173	7	0	1	0.00	2.51	0
OC294658043	CO8817	3.54	0 1-	20 N FUSE	0	0	1270	173	0	0	0	0.00	2.51	0
CO8772	CO8771	3.56	289 3-	2ACSR	1407	1356	1266	173	1636	74	42	0.14	2.65	362
CO1294	CO8772	3.64	2 1-	4ACSR	0	0	1233	172	4	0	0	0.00	2.65	0
OC-1344970936	CO1294	3.64	0 1-	20 N FUSE	0	0	1233	172	0	0	0	0.00	2.65	0
CO1293	CO8772	3.57	1 1-	4ACSR	0	0	1259	173	6	0	1	0.00	2.65	0
CO1263	CO8772	3.61	285 3-	2ACSR	1391	1338	1246	173	1622	74	41	0.10	2.74	261
CO1262	CO1263	3.72	283 3-	2ACSR	1358	1302	1207	172	1614	73	41	0.21	2.95	541
CO1494	CO1262	3.73	18 1-	6ACWC	0	0	1204	172	156	21	15	0.01	2.96	0
OC47	CO1494	3.73	18 1-	10 N FUSE	0	0	1204	172	156	21	214	0.00	2.96	0
CO1495	OC47	3.76	18 1-	6ACWC	0	0	1191	171	156	21	15	0.03	2.98	7
CO1261	CO1495	3.83	13 1-	6ACWC	0	0	1161	171	125	17	12	0.05	3.04	11
CO1342	CO1261	3.87	1 1-	6ACWC	0	0	1146	170	10	1	1	0.00	3.04	0
CO1343	CO1342	3.92	1 1-	6ACWC	0	0	1128	170	10	1	1	0.00	3.04	0
CO1292	CO1261	3.90	2 1-	6ACWC	0	0	1136	170	10	1	1	0.00	3.04	0
CO1260	CO1261	3.86	9 1-	6ACWC	0	0	1150	170	94	12	9	0.02	3.05	2
CO1259	CO1260	3.93	6 1-	6ACWC	0	0	1125	170	71	9	7	0.03	3.08	3
CO1352	CO1259	4.00	3 1-	6ACWC	0	0	1097	169	33	4	3	0.02	3.10	0
CO1353	CO1352	4.05	3 1-	6ACWC	0	0	1080	168	33	4	3	0.01	3.10	0
CO1354	CO1353	4.13	2 1-	6ACWC	0	0	1052	167	25	3	2	0.01	3.11	0
CO1349	CO1259	3.99	2 1-	6ACWC	0	0	1104	169	29	3	3	0.01	3.09	0
CO1350	CO1349	4.04	1 1-	6ACWC	0	0	1083	168	8	1	1	0.00	3.09	0
CO1351	CO1350	4.16	1 1-	6ACWC	0	0	1043	167	8	1	1	0.00	3.09	0
CO1344	CO1260	3.95	3 1-	6ACWC	0	0	1118	169	23	3	2	0.01	3.07	0
CO1345	CO1344	3.99	2 1-	6ACWC	0	0	1100	169	22	3	2	0.01	3.07	0
CO1346	CO1345	4.01	2 1-	6ACWC	0	0	1095	169	22	3	2	0.00	3.08	0
CO1347	CO1346	4.06	2 1-	6ACWC	0	0	1078	168	22	3	2	0.00	3.08	0
CO1348	CO1347	4.08	1 1-	6ACWC	0	0	1069	168	10	1	1	0.00	3.08	0
CO1340	CO1495	3.79	3 1-	6ACWC	0	0	1178	171	13	1	1	0.00	2.99	0
CO1341	CO1340	3.83	1 1-	6ACWC	0	0	1163	171	3	0	0	0.00	2.99	0
CO1355	CO1262	3.91	264 3-	2ACSR	1303	1242	1143	170	1452	66	37	0.31	3.26	740
CO1356	CO1355	3.98	263 3-	2ACSR	1282	1219	1119	170	1431	65	37	0.13	3.39	294
CO1266	CO1356	4.04	255 3-	2ACSR	1266	1202	1101	169	1380	63	35	0.09	3.48	209
CO1300	CO1266	4.09	3 1-	6ACWC	0	0	1081	169	11	1	1	0.00	3.48	0
OC-1355472821	CO1300	4.09	0 1-	20 N FUSE	0	0	1081	169	0	0	0	0.00	3.48	0
CO1265	CO1266	4.13	248 3-	2ACSR	1240	1174	1073	169	1365	62	35	0.15	3.63	338
CO1264	CO1265	4.19	242 3-	2ACSR	1224	1157	1056	168	1334	61	34	0.09	3.72	201
CO1363	CO1264	4.25	237 3-	2ACSR	1209	1143	1040	168	1306	60	33	0.09	3.81	188
CO1364	CO1363	4.29	237 3-	2ACSR	1198	1133	1028	168	1305	60	33	0.06	3.88	139
CO1365	CO1364	4.33	236 3-	2ACSR	1187	1122	1016	167	1294	59	33	0.07	3.94	139
CO1492	CO1365	4.34	7 1-	6ACWC	0	0	1014	167	34	4	3	0.00	3.94	0
OC46	CO1492	4.34	7 1-	10 N FUSE	0	0	1014	167	34	4	47	0.00	3.94	0
CO1493	OC46	4.49	7 1-	6ACWC	0	0	967	166	34	4	3	0.03	3.98	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1298	CO1493	4.58	1 1-	6ACWC	0	0	942	165	11	1	1	0.00	3.98	0
CO1368	CO1493	4.55	6 1-	6ACWC	0	0	950	165	23	3	2	0.01	3.98	0
CO1369	CO1368	4.58	5 1-	6ACWC	0	0	942	165	22	3	2	0.00	3.99	0
CO1370	CO1369	4.61	3 1-	6ACWC	0	0	932	164	12	1	1	0.00	3.99	0
CO1296	CO1370	4.65	2 1-	6ACWC	0	0	922	164	12	1	1	0.00	3.99	0
CO1371	CO1370	4.66	1 1-	6ACWC	0	0	920	164	0	0	0	0.00	3.99	0
CO1372	CO1371	4.72	0 1-	6ACWC	0	0	903	163	0	0	0	0.00	3.99	0
CO1297	CO1371	4.74	1 1-	6ACWC	0	0	897	163	0	0	0	0.00	3.99	0
CO1366	CO1365	4.39	228 3-	2ACSR	1172	1107	1000	167	1250	57	32	0.09	4.03	185
CO1367	CO1366	4.45	228 3-	2ACSR	1158	1095	986	167	1249	57	32	0.08	4.11	160
CO1486	CO1367	4.45	227 3-	2ACSR	1157	1094	985	166	1244	57	32	0.01	4.12	20
OC50	CO1486	4.45	227 3-	70 L OCR	1157	1094	985	166	1244	57	82	0.00	4.12	0
CO1487	OC50	4.65	227 3-	2ACSR	1109	1048	935	165	1244	57	32	0.30	4.42	608
CO1490	CO1487	4.66	4 1-	4ACSR	0	0	934	165	16	2	2	0.00	4.42	0
OC44	CO1490	4.66	4 1-	10 N FUSE	0	0	934	165	16	2	23	0.00	4.42	0
CO1491	OC44	5.01	4 1-	4ACSR	0	0	842	161	16	2	2	0.04	4.45	0
CO1289	CO1491	5.06	1 1-	4ACSR	0	0	831	161	5	0	0	0.00	4.45	0
CO1382	CO1491	5.05	3 1-	4ACSR	0	0	833	161	12	1	1	0.00	4.46	0
CO1315	CO1382	5.09	1 1-	4ACSR	0	0	825	161	4	0	0	0.00	4.46	0
CO1383	CO1382	5.15	2 1-	4ACSR	0	0	811	160	8	1	1	0.00	4.46	0
CO1384	CO1383	5.23	2 1-	4ACSR	0	0	792	159	8	1	1	0.00	4.46	0
CO1385	CO1384	5.29	0 1-	4ACSR	0	0	780	159	0	0	0	0.00	4.46	0
CO1386	CO1385	5.33	0 1-	4ACSR	0	0	772	158	0	0	0	0.00	4.46	0
CO1488	CO1487	4.66	9 1-	4ACSR	0	0	934	165	35	4	3	0.00	4.42	0
OC45	CO1488	4.66	9 1-	10 N FUSE	0	0	934	165	35	4	49	0.00	4.42	0
CO1489	OC45	4.88	9 1-	4ACSR	0	0	875	163	35	4	3	0.05	4.47	3
CO1373	CO1489	4.97	8 1-	4ACSR	0	0	853	162	34	4	3	0.02	4.48	0
CO1258	CO1373	5.12	7 1-	4ACSR	0	0	817	160	31	4	3	0.02	4.51	0
CO1374	CO1258	5.20	0 1-	4ACSR	0	0	800	160	0	0	0	0.00	4.51	0
CO1375	CO1374	5.27	0 1-	4ACSR	0	0	783	159	0	0	0	0.00	4.51	0
CO1257	CO1258	5.28	6 1-	4ACSR	0	0	781	159	19	2	2	0.02	4.53	0
CO1376	CO1257	5.30	6 1-	4ACSR	0	0	777	159	19	2	2	0.00	4.53	0
CO1377	CO1376	5.38	5 1-	4ACSR	0	0	762	158	16	2	2	0.01	4.54	0
CO1378	CO1377	5.40	5 1-	4ACSR	0	0	758	158	16	2	2	0.00	4.54	0
CO1379	CO1378	5.46	4 1-	4ACSR	0	0	746	157	2	0	0	0.00	4.54	0
CO1380	CO1379	5.58	3 1-	4ACSR	0	0	723	156	2	0	0	0.00	4.54	0
CO1381	CO1380	5.71	1 1-	4ACSR	0	0	699	155	0	0	0	0.00	4.54	0
CO1291	CO1257	5.31	0 1-	4ACSR	0	0	775	159	0	0	0	0.00	4.53	0
CO1290	CO1373	5.07	1 1-	4ACSR	0	0	828	161	3	0	0	0.00	4.48	0
CO1387	CO1487	5.10	214 3-	2ACSR	1013	959	841	162	1190	55	31	0.63	5.04	1233
CO1388	CO1387	5.40	214 3-	2ACSR	955	905	786	160	1184	55	31	0.43	5.47	839
CO1389	CO1388	5.41	214 3-	2ACSR	953	904	784	160	1180	55	31	0.01	5.48	23
CO1390	CO1389	5.44	213 3-	2ACSR	948	899	779	160	1178	55	31	0.04	5.52	80
CO1267	CO1390	5.47	213 3-	2ACSR	943	894	775	160	1178	55	31	0.04	5.56	78
CO1268	CO1267	5.54	211 3-	2ACSR	930	882	762	159	1169	54	30	0.10	5.67	204
CO1391	CO1268	5.64	210 3-	2ACSR	913	867	747	158	1152	53	30	0.13	5.80	252
CO1392	CO1391	5.68	208 3-	2ACSR	906	860	740	158	1138	53	30	0.06	5.86	111
CO1393	CO1392	5.71	207 3-	2ACSR	901	855	736	158	1126	52	29	0.04	5.90	80
CO1306	CO1393	5.75	1 1-	2ACSR	0	0	730	158	1	0	0	0.00	5.90	0
OC1033144812	CO1306	5.75	0 1-	20 N FUSE	0	0	730	158	0	0	0	0.00	5.90	0
CO1269	CO1393	5.80	206 3-	2ACSR	886	842	722	157	1125	52	29	0.12	6.02	228
CO1270	CO1269	5.88	205 3-	2ACSR	874	830	711	157	1119	52	29	0.10	6.12	190

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1308	CO1270	5.92	2 1-	2ACSR	0	0	706	157	8	1	1	0.00	6.12	0
OC-524707618	CO1308	5.92	0 1-	20 N FUSE	0	0	706	157	0	0	0	0.00	6.12	0
CO1271	CO1270	5.96	203 3-	2ACSR	862	820	701	156	1110	52	29	0.10	6.22	188
CO1272	CO1271	6.02	201 3-	2ACSR	852	810	692	156	1098	51	29	0.09	6.31	161
CO1394	CO1272	6.08	4 1-	2ACSR	0	0	684	156	28	3	2	0.00	6.31	0
OC-610619948	CO1394	6.08	1 1-	20 N FUSE	0	0	684	156	11	1	8	0.00	6.31	0
CO1395	OC-610619948	6.13	1 1-	2ACSR	0	0	677	155	11	1	1	0.00	6.32	0
CO1273	CO1272	6.06	197 3-	2ACSR	847	805	687	156	1069	50	28	0.05	6.36	87
CO1274	CO1273	6.22	153 3-	2ACSR	824	784	666	155	722	33	19	0.14	6.50	169
CO1430	CO1274	6.38	4 1-	2ACSR	0	0	647	154	17	2	1	0.01	6.51	0
OC-1587898405	CO1430	6.38	2 1-	20 N FUSE	0	0	647	154	15	2	11	0.00	6.51	0
CO1431	OC-1587898405	6.43	2 1-	2ACSR	0	0	641	153	15	2	1	0.00	6.51	0
CO1514	CO1431	6.47	1 1-	2ACSR	0	0	636	153	6	0	0	0.00	6.51	0
CO1432	CO1514	6.55	1 1-	2ACSR	0	0	627	153	6	0	0	0.00	6.51	0
CO1275	CO1274	6.31	149 3-	2ACSR	812	773	655	154	705	33	18	0.07	6.57	86
CO8233	CO1275	6.40	146 3-	2ACSR	799	761	644	154	684	32	18	0.08	6.65	90
CO2254	CO8233	6.46	145 3-	2ACSR	791	754	637	153	683	32	18	0.05	6.69	53
CO2035	CO2254	6.51	133 3-	2ACSR	785	748	632	153	655	30	17	0.04	6.73	40
CO2261	CO2035	6.64	57 1-	2ACSR	0	0	617	152	298	42	23	0.17	6.90	81
CO2262	CO2261	6.65	56 1-	2ACSR	0	0	616	152	289	41	23	0.02	6.92	10
CO2259	CO2262	6.66	56 1-	2ACSR	0	0	614	152	289	41	23	0.01	6.93	6
CO2260	CO2259	6.76	54 1-	2ACSR	0	0	604	151	279	39	22	0.12	7.05	54
CO2036	CO2260	6.85	52 1-	2ACSR	0	0	596	151	276	39	22	0.10	7.15	45
CO2080	CO2036	6.89	1 1-	4ACSR	0	0	590	150	8	1	1	0.00	7.16	0
CO2037	CO2036	6.94	51 1-	2ACSR	0	0	586	150	268	38	21	0.11	7.26	49
CO2206	CO2037	6.99	3 1-	4ACSR	0	0	580	150	20	2	2	0.00	7.27	0
CO2205	CO2206	7.08	2 1-	4ACSR	0	0	569	149	10	1	1	0.00	7.27	0
CO2365	CO2037	6.95	48 1-	2ACSR	0	0	585	150	248	35	20	0.01	7.27	3
OC65	CO2365	6.95	48 1-	50 H OCR	0	0	585	150	248	35	71	0.00	7.27	0
CO2366	OC65	7.00	48 1-	2ACSR	0	0	581	150	248	35	20	0.05	7.33	22
CO2263	CO2366	7.09	48 1-	2ACSR	0	0	571	149	248	35	20	0.11	7.43	43
CO2264	CO2263	7.14	47 1-	2ACSR	0	0	567	149	248	35	20	0.05	7.48	19
CO2038	CO2264	7.21	43 1-	2ACSR	0	0	560	149	230	32	18	0.08	7.56	29
CO2039	CO2038	7.31	41 1-	2ACSR	0	0	552	148	226	32	18	0.09	7.65	35
CO2265	CO2039	7.35	39 1-	2ACSR	0	0	548	148	213	30	17	0.04	7.69	14
CO2266	CO2265	7.46	38 1-	2ACSR	0	0	539	147	211	30	17	0.10	7.79	34
CO300253970	CO2266	7.51	0 1-	2ACSR	0	0	535	147	0	0	0	0.00	7.79	0
CO2040	CO2266	7.53	33 1-	2ACSR	0	0	533	147	188	26	15	0.06	7.85	17
CO2041	CO2040	7.60	30 1-	2ACSR	0	0	527	146	175	25	14	0.05	7.90	16
CO2075	CO2041	7.65	4 1-	4ACSR	0	0	522	146	15	2	2	0.00	7.90	0
CO2042	CO2041	7.96	26 1-	2ACSR	0	0	500	144	160	22	13	0.25	8.15	67
CO2200	CO2042	8.04	4 1-	4ACSR	0	0	493	144	3	0	0	0.00	8.15	0
CO2199	CO2200	8.14	1 1-	4ACSR	0	0	484	143	2	0	0	0.00	8.16	0
CO2043	CO2042	8.23	22 1-	2ACSR	0	0	481	143	157	22	12	0.18	8.34	47
CO2074	CO2043	8.29	0 1-	4ACSR	0	0	477	143	0	0	0	0.00	8.34	0
CO2044	CO2043	8.32	22 1-	2ACSR	0	0	475	142	157	22	12	0.07	8.40	17
CO2367	CO2044	8.33	0 1-	6ACWC	0	0	475	142	0	0	0	0.00	8.40	0
CO2045	CO2044	8.49	22 1-	2ACSR	0	0	464	142	157	22	12	0.11	8.51	29
CO2134	CO2045	8.59	15 1-	2ACSR	0	0	458	141	111	15	9	0.05	8.56	8
CO2133	CO2134	8.64	15 1-	2ACSR	0	0	455	141	111	15	9	0.02	8.58	4
CO2132	CO2133	8.67	13 1-	2ACSR	0	0	453	141	103	14	8	0.01	8.60	2
CO2058	CO2132	8.71	11 1-	2ACSR	0	0	451	140	95	13	8	0.02	8.62	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2073	CO2058	8.77	1 1-	4ACSR	0	0	447	140	9	1	1	0.00	8.62	0
CO2269	CO2058	8.79	10 1-	2ACSR	0	0	446	140	87	12	7	0.03	8.64	4
CO2270	CO2269	8.88	9 1-	2ACSR	0	0	441	139	75	10	6	0.03	8.67	4
CO2149	CO2270	8.95	2 1-	2ACSR	0	0	438	139	14	1	1	0.00	8.68	0
CO2148	CO2149	8.97	2 1-	2ACSR	0	0	436	139	14	1	1	0.00	8.68	0
CO2102	CO2148	9.01	2 1-	4ACSR	0	0	433	139	14	1	1	0.00	8.68	0
CO8226	CO2270	8.95	7 1-	4ACSR	0	0	436	139	61	8	6	0.03	8.70	3
CO1329	CO8226	9.00	2 1-	2ACSR	0	0	433	139	17	2	1	0.00	8.70	0
CO1427	CO8226	8.97	4 1-	2ACSR	0	0	435	139	28	4	2	0.00	8.70	0
CO1428	CO1427	9.01	4 1-	2ACSR	0	0	433	139	28	4	2	0.00	8.71	0
CO1429	CO1428	9.03	2 1-	2ACSR	0	0	432	139	14	2	1	0.00	8.71	0
CO1426	CO8226	8.99	1 1-	4ACSR	0	0	433	139	16	2	2	0.00	8.70	0
CO2104	CO2132	8.71	2 1-	4ACSR	0	0	451	140	8	1	1	0.00	8.60	0
CO-399594315	CO2104	8.79	1 1-	2ACSR	0	0	446	140	0	0	0	0.00	8.60	0
CO2057	CO2045	8.58	3 1-	6ACWC	0	0	458	141	17	2	2	0.01	8.52	0
CO2370	CO2057	8.59	0 1-	6ACWC	0	0	457	141	0	0	0	0.00	8.52	0
CO2194	CO2057	8.63	3 1-	6ACWC	0	0	454	141	17	2	2	0.01	8.53	0
CO2193	CO2194	8.66	3 1-	6ACWC	0	0	451	140	17	2	2	0.00	8.53	0
CO2192	CO2193	8.71	2 1-	6ACWC	0	0	448	140	8	1	1	0.00	8.53	0
CO2196	CO2045	8.63	2 1-	6ACWC	0	0	454	141	17	2	2	0.01	8.53	0
CO2198	CO2196	8.69	2 1-	6ACWC	0	0	449	140	17	2	2	0.01	8.53	0
CO2197	CO2198	8.74	1 1-	6ACWC	0	0	446	140	9	1	1	0.00	8.54	0
CO2195	CO2196	8.70	0 1-	6ACWC	0	0	448	140	0	0	0	0.00	8.53	0
CO2267	CO2040	7.61	1 1-	4ACSR	0	0	525	146	1	0	0	0.00	7.85	0
CO2268	CO2267	7.64	0 1-	4ACSR	0	0	522	146	0	0	0	0.00	7.85	0
CO2202	CO2266	7.52	3 1-	4ACSR	0	0	533	147	16	2	2	0.00	7.79	0
CO2201	CO2202	7.57	2 1-	4ACSR	0	0	528	146	9	1	1	0.00	7.80	0
CO2204	CO2039	7.39	1 1-	4ACSR	0	0	544	148	6	0	1	0.00	7.65	0
CO2203	CO2204	7.44	1 1-	4ACSR	0	0	538	147	6	0	1	0.00	7.65	0
CO2076	CO2039	7.34	1 1-	4ACSR	0	0	549	148	7	1	1	0.00	7.65	0
CO2077	CO2038	7.27	2 1-	4ACSR	0	0	554	148	4	0	0	0.00	7.56	0
CO1906880266	CO2077	7.32	1 1-	4ACSR	0	0	549	148	1	0	0	0.00	7.56	0
CO2138964922	CO1906880266	7.36	1 1-	4ACSR	0	0	544	147	1	0	0	0.00	7.56	0
CO2079	CO2264	7.21	1 1-	4ACSR	0	0	560	149	0	0	0	0.00	7.48	0
CO2078	CO2264	7.21	1 1-	4ACSR	0	0	559	149	16	2	2	0.00	7.48	0
CO2081	CO2260	6.86	2 1-	4ACSR	0	0	591	151	3	0	0	0.00	7.05	0
CO2279	CO2035	6.56	72 3-	2ACSR	779	742	626	153	332	15	9	0.02	6.75	12
CO2280	CO2279	6.69	71 3-	2ACSR	761	726	611	152	329	15	9	0.05	6.81	30
CO2072	CO2280	6.75	1 1-	2ACSR	0	0	605	151	3	0	0	0.00	6.81	0
OC1970704413	CO2072	6.75	0 1-	20 N FUSE	0	0	605	151	0	0	0	0.00	6.81	0
CO2046	CO2280	6.76	70 3-	2ACSR	753	719	604	151	326	15	9	0.03	6.83	14
CO2084	CO2046	6.83	1 1-	2ACSR	0	0	597	151	1	0	0	0.00	6.83	0
OC-503316782	CO2084	6.83	0 1-	20 N FUSE	0	0	597	151	0	0	0	0.00	6.83	0
CO2135	CO2046	6.84	69 3-	2ACSR	744	710	596	151	325	15	9	0.03	6.86	16
CO2379	CO2135	6.87	69 3-	2ACSR	740	706	593	151	325	15	9	0.01	6.88	8
CO2380	CO2379	6.93	3 1-	4ACSR	0	0	586	150	15	2	2	0.01	6.88	0
OC-408968947	CO2380	6.93	2 1-	20 N FUSE	0	0	586	150	15	2	11	0.00	6.88	0
CO2281	OC-408968947	6.95	2 1-	4ACSR	0	0	584	150	15	2	2	0.00	6.88	0
CO2062	CO2379	6.95	66 3-	2ACSR	731	698	585	150	309	14	8	0.03	6.91	15
CO2231	CO2062	6.98	6 1-	4ACSR	0	0	582	150	22	3	2	0.00	6.91	0
OC-1602578877	CO2231	6.98	6 1-	20 N FUSE	0	0	582	150	22	3	15	0.00	6.91	0
CO2284	OC-1602578877	7.01	3 1-	4ACSR	0	0	578	150	18	2	2	0.00	6.91	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2285	CO2284	7.04	2 1-	4ACSR	0	0	574	149	6	0	1	0.00	6.91	0
CO2282	OC-1602578877	7.02	3 1-	4ACSR	0	0	577	150	3	0	0	0.00	6.91	0
CO2283	CO2282	7.05	2 1-	4ACSR	0	0	573	149	3	0	0	0.00	6.91	0
CO2230	CO2283	7.10	2 1-	4ACSR	0	0	567	149	3	0	0	0.00	6.91	0
CO2118	CO2062	6.98	1 1-	4ACSR	0	0	582	150	4	0	0	0.00	6.91	0
OC-70955910	CO2118	6.98	0 1-	20 N FUSE	0	0	582	150	0	0	0	0.00	6.91	0
CO2061	CO2062	7.03	59 3-	2ACSR	723	690	578	150	284	13	7	0.03	6.93	12
CO2060	CO2061	7.11	58 3-	2ACSR	713	682	570	149	275	12	7	0.03	6.96	13
CO2237	CO2060	7.14	4 1-	4ACSR	0	0	566	149	10	1	1	0.00	6.96	0
OC272718762	CO2237	7.14	3 1-	20 N FUSE	0	0	566	149	6	0	4	0.00	6.96	0
CO2236	OC272718762	7.16	3 1-	4ACSR	0	0	564	149	6	0	1	0.00	6.96	0
CO2115	CO2236	7.21	2 1-	4ACSR	0	0	558	148	3	0	0	0.00	6.96	0
CO2235	CO2236	7.19	1 1-	4ACSR	0	0	560	149	3	0	0	0.00	6.96	0
CO2234	CO2235	7.26	1 1-	4ACSR	0	0	553	148	3	0	0	0.00	6.96	0
CO-691250619	CO2060	7.12	52 3-	2ACSR	712	680	568	149	262	12	7	0.00	6.96	0
CO216847551	CO-691250619	7.14	1 1-	2ACSR	0	0	567	149	0	0	0	0.00	6.96	0
OC746656127	CO216847551	7.14	0 1-	20 N FUSE	0	0	567	149	0	0	0	0.00	6.96	0
CO1995394520	CO-691250619	7.16	1 1-	2ACSR	0	0	565	149	3	0	0	0.00	6.96	0
CO-409473587	CO-691250619	7.26	50 3-	2ACSR	698	667	556	148	258	12	7	0.04	7.00	18
CO2287	CO-409473587	7.32	50 3-	2ACSR	691	661	551	148	258	12	7	0.02	7.02	9
CO2116	CO2287	7.37	0 1-	4ACSR	0	0	545	148	0	0	0	0.00	7.02	0
CO2288	CO2287	7.36	50 3-	2ACSR	687	657	547	148	258	12	7	0.01	7.04	6
CO2289	CO2288	7.41	48 3-	2ACSR	682	653	543	148	252	11	7	0.01	7.05	6
CO2152	CO2289	7.50	1 1-	6ACWC	0	0	533	147	1	0	0	0.00	7.05	0
OC-82846765	CO2152	7.50	1 1-	20 N FUSE	0	0	533	147	1	0	0	0.00	7.05	0
CO2290	OC-82846765	7.53	1 1-	6ACWC	0	0	531	147	1	0	0	0.00	7.05	0
CO2291	CO2290	7.72	1 1-	6ACWC	0	0	512	145	1	0	0	0.00	7.05	0
CO2151	CO2291	7.91	1 1-	6ACWC	0	0	494	144	1	0	0	0.00	7.05	0
CO2150	CO2151	8.02	1 1-	6ACWC	0	0	485	143	1	0	0	0.00	7.05	0
CO2361	CO2289	7.45	1 3-	2ACSR	679	649	540	147	2	0	0	0.00	7.05	0
CO2362	CO2361	7.47	1 3-	2ACSR	677	647	538	147	2	0	0	0.00	7.05	0
CO2153	CO2362	7.53	1 3-	2ACSR	670	641	533	147	2	0	0	0.00	7.05	0
CO2117	CO2153	7.61	1 1-	4ACSR	0	0	525	146	2	0	0	0.00	7.05	0
OC30578829	CO2117	7.61	0 1-	20 N FUSE	0	0	525	146	0	0	0	0.00	7.05	0
CO2372	CO2153	7.65	0 3-	2ACSR	659	631	523	146	0	0	0	0.00	7.05	0
#SW74-B	CO2372	7.65	0 3-	Open	659	631	523	146	0	0	0	0.00	7.05	0
CO2374	CO2289	7.42	46 1-	4ACSR	0	0	542	148	249	35	25	0.01	7.06	4
OC66	CO2374	7.42	46 1-	50 H OCR	0	0	542	148	249	35	71	0.00	7.06	0
CO2375	OC66	7.47	46 1-	4ACSR	0	0	537	147	249	35	25	0.09	7.15	36
RG29378565	CO2375	7.47	45 1-	100	0	0	537	147	243	34	35	-7.15	0.00	0
CO2381	RG29378565	7.61	45 1-	4ACSR	0	0	522	146	243	32	23	0.20	0.20	76
CO2292	CO2381	7.64	44 1-	4ACSR	0	0	520	146	234	31	22	0.04	0.23	13
CO2095	CO2292	7.81	2 1-	4ACSR	0	0	504	144	5	0	1	0.00	0.24	0
CO2137	CO2292	7.66	42 1-	4ACSR	0	0	517	145	229	30	22	0.04	0.27	14
CO2136	CO2137	7.77	42 1-	4ACSR	0	0	507	145	229	30	22	0.14	0.41	52
CO2096	CO2136	7.80	0 1-	4ACSR	0	0	504	144	0	0	0	0.00	0.41	0
CO2094	CO2136	8.01	1 1-	4ACSR	0	0	486	143	7	1	1	0.01	0.42	0
CO898034151	CO2094	8.05	0 1-	2ACSR	0	0	483	143	0	0	0	0.00	0.42	0
CO2293	CO2136	7.97	40 1-	4ACSR	0	0	489	143	216	29	21	0.26	0.67	90
CO2294	CO2293	8.06	40 1-	4ACSR	0	0	481	142	216	29	21	0.11	0.79	40
CO2050	CO2294	8.18	34 1-	4ACSR	0	0	471	141	185	24	18	0.13	0.92	39
CO2051	CO2050	8.22	32 1-	4ACSR	0	0	467	141	165	22	16	0.04	0.96	11

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2295	CO2051	8.30	2 1-	4ACSR	0	0	461	140	7	1	1	0.00	0.96	0
CO2296	CO2295	8.35	1 1-	4ACSR	0	0	457	140	3	0	0	0.00	0.96	0
CO2052	CO2051	8.30	28 1-	4ACSR	0	0	461	141	147	19	14	0.07	1.03	16
CO2089	CO2052	8.35	1 1-	4ACSR	0	0	457	140	10	1	1	0.00	1.03	0
CO2053	CO2052	8.36	25 1-	4ACSR	0	0	456	140	123	16	12	0.04	1.07	8
CO2127	CO2053	8.39	0 1-	2ACSR	0	0	455	140	0	0	0	0.00	1.07	0
CO2210	CO2053	8.44	4 1-	4ACSR	0	0	450	140	18	2	2	0.01	1.08	0
CO1409467484	CO2210	8.48	2 1-	2ACSR	0	0	448	139	13	1	1	0.00	1.08	0
CO-1045659415	CO1409467484	8.53	2 1-	2ACSR	0	0	445	139	13	1	1	0.00	1.09	0
CO2143	CO-1045659415	8.63	1 1-	4ACSR	0	0	438	138	2	0	0	0.00	1.09	0
CO2142	CO-1045659415	8.60	0 1-	4ACSR	0	0	440	138	0	0	0	0.00	1.09	0
CO2048	CO2142	8.98	0 1-	4ACSR	0	0	414	136	0	0	0	0.00	1.09	0
CO2049	CO2048	9.29	0 1-	4ACSR	0	0	395	134	0	0	0	0.00	1.09	0
CO2147	CO2049	9.61	0 1-	4ACSR	0	0	377	131	0	0	0	0.00	1.09	0
CO2357	CO2147	9.67	0 1-	4ACSR	0	0	374	131	0	0	0	0.00	1.09	0
CO2358	CO2357	9.67	0 1-	4ACSR	0	0	373	131	0	0	0	0.00	1.09	0
CO2146	CO2358	9.86	0 1-	4ACSR	0	0	363	130	0	0	0	0.00	1.09	0
CO2103	CO2049	9.38	0 1-	4ACSR	0	0	390	133	0	0	0	0.00	1.09	0
CO2218	CO2048	9.10	0 1-	4ACSR	0	0	406	135	0	0	0	0.00	1.09	0
CO2217	CO2218	9.31	0 1-	4ACSR	0	0	393	133	0	0	0	0.00	1.09	0
CO2091	CO-1045659415	8.57	1 1-	4ACSR	0	0	442	139	11	1	1	0.00	1.09	0
CO2209	CO2210	8.49	1 1-	4ACSR	0	0	447	139	5	0	0	0.00	1.08	0
CO2208	CO2209	8.55	1 1-	4ACSR	0	0	442	139	5	0	0	0.00	1.08	0
CO2054	CO2053	8.50	17 1-	4ACSR	0	0	446	139	92	12	9	0.08	1.15	11
CO2297	CO2054	8.55	15 1-	4ACSR	0	0	442	139	80	10	8	0.02	1.17	3
CO2298	CO2297	8.60	14 1-	4ACSR	0	0	439	138	79	10	8	0.02	1.19	3
CO2299	CO2298	8.61	13 1-	4ACSR	0	0	437	138	77	10	7	0.01	1.20	0
CO2087	CO2299	8.69	4 1-	4ACSR	0	0	432	138	26	3	3	0.01	1.21	0
CO2300	CO2087	8.75	2 1-	2ACSR	0	0	429	137	15	2	1	0.00	1.21	0
CO2301	CO2300	8.79	1 1-	2ACSR	0	0	427	137	12	1	1	0.00	1.21	0
CO2244	CO2299	8.64	1 1-	2ACSR	0	0	436	138	2	0	0	0.00	1.20	0
CO2243	CO2244	8.68	1 1-	2ACSR	0	0	434	138	2	0	0	0.00	1.20	0
CO2302	CO2299	8.70	8 1-	4ACSR	0	0	431	138	48	6	5	0.02	1.22	0
CO2303	CO2302	8.76	7 1-	4ACSR	0	0	427	137	39	5	4	0.01	1.24	0
CO2085	CO2303	8.85	1 1-	4ACSR	0	0	421	136	5	0	1	0.00	1.24	0
CO2304	CO2303	8.79	6 1-	4ACSR	0	0	425	137	34	4	3	0.01	1.24	0
CO2305	CO2304	8.81	5 1-	4ACSR	0	0	423	137	34	4	3	0.00	1.25	0
CO2306	CO2305	8.82	4 1-	4ACSR	0	0	423	137	30	4	3	0.00	1.25	0
CO2086	CO2306	8.87	2 1-	4ACSR	0	0	420	136	13	1	1	0.00	1.25	0
CO2207	CO2306	8.85	2 1-	4ACSR	0	0	421	136	17	2	2	0.00	1.25	0
CO2124	CO2054	8.55	1 1-	2ACSR	0	0	443	139	6	0	0	0.00	1.15	0
CO2212	CO2052	8.38	2 1-	4ACSR	0	0	455	140	13	1	1	0.00	1.03	0
CO2211	CO2212	8.46	1 1-	4ACSR	0	0	449	139	0	0	0	0.00	1.03	0
CO2090	CO2050	8.26	1 1-	4ACSR	0	0	464	141	8	1	1	0.00	0.92	0
CO2047	CO2294	8.23	5 1-	4ACSR	0	0	467	141	27	3	3	0.03	0.82	0
CO2376	CO2047	8.24	0 1-	750 MCM - 42 Wi	0	0	466	141	0	0	0	0.00	0.82	0
OC69	CO2376	8.24	0 1-	10 H OCR	0	0	466	141	0	0	0	0.00	0.82	0
CO2141	OC69	8.49	0 1-	4ACSR	0	0	447	139	0	0	0	0.00	0.82	0
CO2140	CO2141	8.73	0 1-	4ACSR	0	0	429	137	0	0	0	0.00	0.82	0
CO2139	CO2140	8.86	0 1-	4ACSR	0	0	421	136	0	0	0	0.00	0.82	0
CO2138	CO2139	8.93	0 1-	4ACSR	0	0	416	136	0	0	0	0.00	0.82	0
CO2216	CO2047	8.27	3 1-	4ACSR	0	0	463	141	13	1	1	0.00	0.82	0

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2215	CO2216	8.30	2 1-	4ACSR	0	0	461	141	12	1	1	0.00	0.82	0
CO2214	CO2215	8.34	2 1-	4ACSR	0	0	458	140	12	1	1	0.00	0.82	0
CO2213	CO2214	8.37	2 1-	4ACSR	0	0	456	140	12	1	1	0.00	0.82	0
CO2092	CO2047	8.30	2 1-	4ACSR	0	0	461	141	14	1	1	0.00	0.82	0
CO2093	CO2294	8.09	1 1-	4ACSR	0	0	478	142	4	0	0	0.00	0.79	0
CO2233	CO2061	7.05	1 1-	4ACSR	0	0	575	150	9	1	1	0.00	6.93	0
OC1509462541	CO2233	7.05	1 1-	20 N FUSE	0	0	575	150	9	1	6	0.00	6.93	0
CO2232	OC1509462541	7.19	1 1-	4ACSR	0	0	559	148	9	1	1	0.00	6.94	0
CO2106	CO2035	6.53	1 1-	4ACSR	0	0	629	153	4	0	0	0.00	6.73	0
CO2363	CO2254	6.46	12 1-	4ACSR	0	0	636	153	28	3	3	0.00	6.70	0
OC67	CO2363	6.46	12 1-	10 N FUSE	0	0	636	153	28	3	40	0.00	6.70	0
CO2364	OC67	6.52	12 1-	4ACSR	0	0	628	153	28	3	3	0.01	6.70	0
CO2255	CO2364	6.59	8 1-	4ACSR	0	0	620	152	19	2	2	0.01	6.71	0
CO2256	CO2255	6.62	7 1-	4ACSR	0	0	615	152	18	2	2	0.00	6.72	0
CO2083	CO2256	6.66	1 1-	4ACSR	0	0	609	151	4	0	0	0.00	6.72	0
CO2082	CO2256	6.68	1 1-	4ACSR	0	0	607	151	1	0	0	0.00	6.72	0
CO2359	CO2256	6.65	5 1-	4ACSR	0	0	611	152	13	1	1	0.00	6.72	0
CO2360	CO2359	6.68	4 1-	4ACSR	0	0	606	151	12	1	1	0.00	6.72	0
CO2257	CO2360	6.73	4 1-	4ACSR	0	0	600	151	12	1	1	0.00	6.72	0
CO2258	CO2257	6.80	2 1-	4ACSR	0	0	591	150	4	0	0	0.00	6.72	0
CO8212	CO2258	6.87	1 1-	4ACSR	0	0	583	150	2	0	0	0.00	6.72	0
CO1433	CO1275	6.36	3 1-	4ACSR	0	0	647	154	21	2	2	0.01	6.58	0
CO1434	CO1433	6.53	3 1-	4ACSR	0	0	622	152	21	2	2	0.02	6.60	0
CO1437	CO1434	6.67	1 1-	4ACSR	0	0	605	151	7	0	1	0.01	6.60	0
CO1438	CO1437	6.80	1 1-	4ACSR	0	0	588	150	7	0	1	0.00	6.61	0
CO1435	CO1434	6.56	1 1-	4ACSR	0	0	619	152	10	1	1	0.00	6.60	0
CO1436	CO1435	6.59	0 1-	4ACSR	0	0	615	152	0	0	0	0.00	6.60	0
CO1496	CO1273	6.07	44 1-	4ACSR	0	0	686	156	346	48	35	0.01	6.37	8
OC43	CO1496	6.07	44 1-	35 H OCR	0	0	686	156	346	48	140	0.00	6.37	0
CO1497	OC43	6.17	44 1-	4ACSR	0	0	669	155	346	48	35	0.22	6.59	126
CO1396	CO1497	6.25	42 1-	4ACSR	0	0	657	154	334	47	34	0.17	6.76	96
CO1508	CO1396	6.35	2 1-	4ACSR	0	0	641	153	8	1	1	0.00	6.77	0
CO1509	CO1508	6.42	1 1-	4ACSR	0	0	631	152	6	0	1	0.00	6.77	0
CO1397	CO1396	6.48	40 1-	4ACSR	0	0	623	152	325	46	33	0.47	7.23	257
CO1398	CO1397	6.52	40 1-	4ACSR	0	0	617	152	324	46	33	0.09	7.32	50
CO1399	CO1398	6.73	40 1-	4ACSR	0	0	590	150	323	46	33	0.43	7.76	238
CO1400	CO1399	6.79	39 1-	4ACSR	0	0	583	149	322	45	33	0.11	7.87	62
CO1313	CO1400	6.96	1 1-	4ACSR	0	0	562	148	9	1	1	0.01	7.87	0
CO1332	CO1400	6.84	1 1-	2ACSR	0	0	577	149	7	0	1	0.00	7.87	0
CO1401	CO1400	6.83	37 1-	4ACSR	0	0	578	149	306	43	31	0.08	7.95	41
CO1276	CO1401	6.93	37 1-	4ACSR	0	0	565	148	305	43	31	0.20	8.15	106
CO1277	CO1276	6.97	15 1-	4ACSR	0	0	561	148	147	21	15	0.04	8.18	9
CO1498	CO1277	7.03	10 1-	4ACSR	0	0	554	147	100	14	10	0.03	8.22	5
CO1499	CO1498	7.04	9 1-	4ACSR	0	0	552	147	85	12	9	0.01	8.23	0
CO1310	CO1499	7.11	1 1-	4ACSR	0	0	545	147	11	1	1	0.00	8.23	0
CO1500	CO1499	7.10	8 1-	4ACSR	0	0	547	147	74	10	8	0.02	8.25	2
CO1505	CO1500	7.15	4 1-	4ACSR	0	0	540	146	27	3	3	0.01	8.26	0
CO1506	CO1505	7.20	1 1-	4ACSR	0	0	535	146	8	1	1	0.00	8.26	0
CO1507	CO1506	7.26	1 1-	4ACSR	0	0	529	145	8	1	1	0.00	8.26	0
CO1501	CO1500	7.17	2 1-	4ACSR	0	0	539	146	27	3	3	0.01	8.26	0
CO1502	CO1501	7.20	2 1-	4ACSR	0	0	536	146	27	3	3	0.00	8.27	0
CO1503	CO1502	7.25	1 1-	4ACSR	0	0	530	146	21	3	2	0.01	8.27	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1504	CO1503	7.30	1 1-	4ACSR	0	0	525	145	21	3	2	0.00	8.28	0
CO1312	CO1277	7.03	3 1-	4ACSR	0	0	554	147	34	4	3	0.01	8.19	0
CO1311	CO1277	7.08	2 1-	4ACSR	0	0	548	147	13	1	1	0.00	8.19	0
CO1402	CO1276	7.03	22 1-	4ACSR	0	0	554	147	158	22	16	0.10	8.25	28
CO1403	CO1402	7.10	22 1-	4ACSR	0	0	547	147	158	22	16	0.07	8.32	18
CO1406	CO1403	7.16	20 1-	4ACSR	0	0	540	146	135	19	14	0.05	8.37	12
CO1407	CO1406	7.26	19 1-	4ACSR	0	0	529	145	132	18	13	0.09	8.45	19
CO1408	CO1407	7.41	18 1-	4ACSR	0	0	514	144	130	18	13	0.13	8.58	28
CO1414	CO1408	7.43	12 1-	4ACSR	0	0	512	144	107	15	11	0.01	8.60	2
CO1415	CO1414	7.53	12 1-	4ACSR	0	0	503	143	107	15	11	0.07	8.66	12
CO1416	CO1415	7.60	11 1-	4ACSR	0	0	496	143	105	15	11	0.05	8.71	9
CO1418	CO1416	7.64	10 1-	4ACSR	0	0	492	142	100	14	10	0.02	8.73	4
CO1420	CO1418	7.69	9 1-	4ACSR	0	0	488	142	89	12	9	0.03	8.76	4
CO1421	CO1420	7.74	8 1-	4ACSR	0	0	483	142	76	10	8	0.02	8.79	3
CO1422	CO1421	7.81	8 1-	4ACSR	0	0	477	141	76	10	8	0.03	8.82	4
CO1423	CO1422	7.86	6 1-	4ACSR	0	0	473	141	56	8	6	0.02	8.83	0
CO1424	CO1423	7.94	5 1-	4ACSR	0	0	466	140	49	7	5	0.02	8.85	0
CO1425	CO1424	8.02	3 1-	4ACSR	0	0	460	140	32	4	3	0.01	8.87	0
CO1512	CO1425	8.05	2 1-	4ACSR	0	0	457	139	18	2	2	0.00	8.87	0
CO1513	CO1512	8.06	0 1-	4ACSR	0	0	457	139	0	0	0	0.00	8.87	0
CO1419	CO1418	7.70	1 1-	4ACSR	0	0	487	142	12	1	1	0.00	8.74	0
CO1417	CO1416	7.66	1 1-	4ACSR	0	0	490	142	4	0	0	0.00	8.71	0
CO1410	CO1408	7.59	2 1-	4ACSR	0	0	497	143	13	1	1	0.01	8.59	0
CO1411	CO1410	7.68	1 1-	4ACSR	0	0	489	142	0	0	0	0.00	8.59	0
CO1409	CO1408	7.53	4 1-	4ACSR	0	0	503	143	10	1	1	0.01	8.59	0
CO1314	CO1409	7.57	1 1-	4ACSR	0	0	498	143	5	0	1	0.00	8.59	0
CO1412	CO1409	7.54	3 1-	4ACSR	0	0	501	143	5	0	1	0.00	8.59	0
CO1413	CO1412	7.60	2 1-	4ACSR	0	0	496	143	5	0	1	0.00	8.59	0
CO1404	CO1403	7.17	2 1-	4ACSR	0	0	538	146	23	3	2	0.01	8.32	0
CO1405	CO1404	7.22	1 1-	4ACSR	0	0	533	146	11	1	1	0.00	8.33	0
CO1309	CO1271	6.00	2 1-	2ACSR	0	0	694	156	12	1	1	0.00	6.22	0
OC-830579345	CO1309	6.00	0 1-	20 N FUSE	0	0	694	156	0	0	0	0.00	6.22	0
CO1307	CO1269	5.92	1 1-	2ACSR	0	0	705	157	5	0	0	0.00	6.02	0
OC1795333941	CO1307	5.92	0 1-	20 N FUSE	0	0	705	157	0	0	0	0.00	6.02	0
CO1305	CO1268	5.63	0 1-	2ACSR	0	0	749	158	0	0	0	0.00	5.67	0
OC414237280	CO1305	5.63	0 1-	20 N FUSE	0	0	749	158	0	0	0	0.00	5.67	0
CO1304	CO1267	5.51	2 1-	2ACSR	0	0	768	159	8	1	1	0.00	5.56	0
OC840534096	CO1304	5.51	0 1-	20 N FUSE	0	0	768	159	0	0	0	0.00	5.56	0
CO1303	CO1390	5.48	0 1-	2ACSR	0	0	772	159	0	0	0	0.00	5.52	0
OC-1282052766	CO1303	5.48	0 1-	20 N FUSE	0	0	772	159	0	0	0	0.00	5.52	0
CO1295	CO1367	4.49	1 1-	4ACSR	0	0	972	166	4	0	0	0.00	4.11	0
OC1014028958	CO1295	4.49	0 1-	20 N FUSE	0	0	972	166	0	0	0	0.00	4.11	0
CO1361	CO1264	4.27	2 1-	4ACSR	0	0	1030	168	5	0	0	0.00	3.73	0
OC1559923183	CO1361	4.27	1 1-	20 N FUSE	0	0	1030	168	5	0	3	0.00	3.73	0
CO1362	OC1559923183	4.32	1 1-	4ACSR	0	0	1012	167	5	0	0	0.00	3.73	0
CO1359	CO1264	4.27	3 1-	4ACSR	0	0	1030	168	22	3	2	0.01	3.73	0
OC436603047	CO1359	4.27	2 1-	20 N FUSE	0	0	1030	168	14	1	10	0.00	3.73	0
CO1360	OC436603047	4.35	2 1-	4ACSR	0	0	1003	167	14	1	1	0.00	3.74	0
CO1299	CO1265	4.17	4 1-	6ACWC	0	0	1060	168	21	2	2	0.00	3.64	0
OC1902853114	CO1299	4.17	0 1-	20 N FUSE	0	0	1060	168	0	0	0	0.00	3.64	0
CO1302	CO1356	4.07	1 1-	6ACWC	0	0	1088	169	10	1	1	0.00	3.39	0
OC742699979	CO1302	4.07	0 1-	20 N FUSE	0	0	1088	169	0	0	0	0.00	3.39	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1301	CO1356	4.02	1 1-	6ACWC	0	0	1105	169	5	0	1	0.00	3.39	0
OC-1663156331	CO1301	4.02	0 1-	20 N FUSE	0	0	1105	169	0	0	0	0.00	3.39	0
CO1357	CO1356	4.02	4 1-	6ACWC	0	0	1105	169	34	4	3	0.00	3.39	0
OC-1830118300	CO1357	4.02	0 1-	20 N FUSE	0	0	1105	169	0	0	0	0.00	3.39	0
CO1358	OC-1830118300	4.07	0 1-	6ACWC	0	0	1088	169	0	0	0	0.00	3.39	0
CO1331	CO1262	3.75	1 1-	2ACSR	0	0	1196	172	4	0	0	0.00	2.95	0
CO1338	CO1263	3.66	2 1-	4ACSR	0	0	1226	172	7	0	1	0.00	2.75	0
OC-1967277256	CO1338	3.66	2 1-	20 N FUSE	0	0	1226	172	7	0	4	0.00	2.75	0
CO1339	OC-1967277256	3.69	2 1-	4ACSR	0	0	1214	172	7	0	1	0.00	2.75	0
CO8902	CO8906	3.47	6 1-	4ACSR	0	0	1295	173	44	5	4	0.01	2.44	0
OC435539252	CO8902	3.47	4 1-	20 N FUSE	0	0	1295	173	33	4	22	0.00	2.44	0
CO8816	OC435539252	3.54	1 1-	4ACSR	0	0	1265	173	12	1	1	0.00	2.44	0
CO8815	OC435539252	3.50	2 1-	4ACSR	0	0	1281	173	6	0	1	0.00	2.44	0
CO8903	OC435539252	3.59	1 1-	4ACSR	0	0	1243	172	15	1	1	0.01	2.45	0
CO8904	CO8903	3.70	1 1-	4ACSR	0	0	1195	171	15	1	1	0.01	2.46	0
CO8942	CO8769	3.25	4 3-	2ACSR	1500	1456	1381	175	63	2	2	0.00	2.14	0
CO8943	CO8942	3.27	3 3-	2ACSR	1494	1449	1373	175	19	0	0	0.00	2.14	0
OC1181345268	CO8943	3.27	0 3-	20 N FUSE	1494	1449	1373	175	0	0	0	0.00	2.14	0
CO8827	CO8943	3.32	1 1-	2ACSR	0	0	1349	174	13	1	1	0.00	2.14	0
CO8940	CO8943	3.32	1 1-	2ACSR	0	0	1351	174	5	0	0	0.00	2.14	0
CO8941	CO8940	3.35	1 1-	2ACSR	0	0	1338	174	5	0	0	0.00	2.14	0
CO8946	CO8767	3.13	3 1-	4ACSR	0	0	1423	175	12	1	1	0.00	1.95	0
OC496102436	CO8946	3.13	1 1-	20 N FUSE	0	0	1423	175	6	0	4	0.00	1.95	0
CO8947	OC496102436	3.18	1 1-	4ACSR	0	0	1401	175	6	0	1	0.00	1.95	0
CO8756	CO1966221496	3.08	87 3-	1/0ACSR	1553	1515	1451	176	425	19	8	0.02	1.90	10
CO8757	CO8756	3.17	84 3-	1/0ACSR	1526	1485	1415	175	415	18	8	0.03	1.92	17
CO8807	CO8757	3.22	2 1-	4ACSR	0	0	1386	175	14	1	1	0.00	1.93	0
OC600669018	CO8807	3.22	0 1-	20 N FUSE	0	0	1386	175	0	0	0	0.00	1.93	0
CO8758	CO8757	3.44	82 3-	1/0ACSR	1443	1395	1310	174	400	18	8	0.08	2.01	52
CO9109	CO8758	3.45	16 1-	6ACWC	0	0	1307	174	81	11	8	0.00	2.01	0
OC231	CO9109	3.45	16 1-	10 N FUSE	0	0	1307	174	81	11	111	0.00	2.01	0
CO9110	OC231	3.55	16 1-	6ACWC	0	0	1263	173	81	11	8	0.05	2.06	6
CO8814	CO9110	3.61	1 1-	6ACWC	0	0	1234	172	4	0	0	0.00	2.06	0
CO8813	CO9110	3.60	1 1-	6ACWC	0	0	1239	172	7	0	1	0.00	2.06	0
CO8948	CO9110	3.61	3 1-	6ACWC	0	0	1237	172	30	4	3	0.01	2.07	0
CO8949	CO8948	3.66	1 1-	6ACWC	0	0	1213	171	11	1	1	0.00	2.07	0
CO8950	CO9110	3.66	11 1-	6ACWC	0	0	1215	171	40	5	4	0.03	2.09	0
CO8951	CO8950	3.69	11 1-	6ACWC	0	0	1201	171	40	5	4	0.01	2.09	0
CO8952	CO8951	3.70	9 1-	6ACWC	0	0	1196	171	40	5	4	0.00	2.10	0
CO8812	CO8952	3.75	1 1-	6ACWC	0	0	1178	170	12	1	1	0.00	2.10	0
CO8953	CO8952	3.74	8 1-	6ACWC	0	0	1180	170	28	3	3	0.01	2.10	0
CO8954	CO8953	3.75	8 1-	6ACWC	0	0	1177	170	28	3	3	0.00	2.10	0
CO8955	CO8954	3.78	5 1-	6ACWC	0	0	1166	170	25	3	2	0.00	2.11	0
CO8956	CO8955	3.81	4 1-	6ACWC	0	0	1153	170	15	1	1	0.00	2.11	0
CO8957	CO8956	3.94	2 1-	6ACWC	0	0	1104	168	7	0	1	0.01	2.11	0
CO8959	CO8957	4.02	1 1-	2ACSR	0	0	1077	168	7	0	1	0.00	2.12	0
CO8960	CO8959	4.11	1 1-	2ACSR	0	0	1052	167	7	0	1	0.00	2.12	0
CO8958	CO8957	4.04	1 1-	6ACWC	0	0	1068	167	0	0	0	0.00	2.11	0
CO8912	CO8758	3.53	66 3-	1/0ACSR	1419	1369	1280	173	318	14	6	0.02	2.03	10
CO8913	CO8912	3.57	65 3-	1/0ACSR	1408	1357	1267	173	312	14	6	0.01	2.04	4
OC1535688841	CO8913	3.57	49 3-	50 L OCR	1408	1357	1267	173	255	11	0	0.00	2.04	0
CO8914	OC1535688841	3.58	49 3-	1/0ACSR	1404	1353	1262	173	255	11	5	0.00	2.04	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
OC-1052887918	CO8914	3.58	49 3-	20 N FUSE	1404	1353	1262	173	255	11	58	0.00	2.04	0	
	CO8915	OC-1052887918	3.64	49 3-	1/0ACSR	1388	1336	1243	173	255	11	5	0.01	2.05	4
	CO8916	CO8915	3.73	48 3-	1/0ACSR	1363	1308	1213	172	246	11	5	0.02	2.07	7
	CO8759	CO8916	3.82	46 3-	1/0ACSR	1340	1284	1187	172	241	10	5	0.02	2.08	6
	CO8760	CO8759	4.00	16 3-	1/0ACSR	1295	1236	1135	171	95	4	2	0.01	2.10	0
	CO8801	CO8760	4.12	1 1-	4ACSR	0	0	1090	170	4	0	0	0.00	2.10	0
OC-325397248	CO8801	4.12	0 1-	20 N FUSE	0	0	1090	170	0	0	0	0	0.00	2.10	0
	CO8761	CO8760	4.10	15 3-	1/0ACSR	1270	1209	1106	170	90	4	2	0.01	2.10	0
	CO8965	CO8761	4.16	2 1-	4ACSR	0	0	1086	170	11	1	1	0.00	2.11	0
OC777557909	CO8965	4.16	1 1-	20 N FUSE	0	0	1086	170	11	1	7	0.00	2.11	0	
	CO8966	OC777557909	4.24	1 1-	4ACSR	0	0	1057	169	11	1	1	0.00	2.11	0
	CO8762	CO8761	4.17	13 3-	1/0ACSR	1254	1193	1089	170	80	3	2	0.00	2.11	0
	CO8763	CO8762	4.24	11 3-	1/0ACSR	1237	1175	1070	170	74	3	1	0.00	2.11	0
	CO17106	CO8763	4.34	0 1-	4ACSR	0	0	1038	169	0	0	0	0.00	2.11	0
OC852877270	CO17106	4.34	0 1-	20 N FUSE	0	0	1038	169	0	0	0	0	0.00	2.11	0
	CO16979	CO8763	4.43	11 3-	1/0ACSR	1195	1131	1024	169	74	3	1	0.01	2.12	0
	CO8421	CO16979	4.55	10 3-	1/0ACSR	1171	1106	999	168	60	2	1	0.00	2.13	0
	CO8550	CO8421	4.57	5 3-	1/0ACSR	1167	1101	994	168	39	1	1	0.00	2.13	0
	CO8551	CO8550	4.61	1 3-	1/0ACSR	1158	1092	985	168	13	0	0	0.00	2.13	0
	CO8657	CO8551	4.67	0 3-	1/0ACSR	1146	1080	972	167	0	0	0	0.00	2.13	0
	CO8464	CO8421	4.62	2 1-	4ACSR	0	0	978	167	11	1	1	0.00	2.13	0
	CO8463	CO16979	4.53	1 1-	4ACSR	0	0	995	168	14	1	1	0.00	2.13	0
	CO8968	CO8762	4.22	2 1-	4ACSR	0	0	1070	169	6	0	1	0.00	2.11	0
	CO8969	CO8968	4.29	1 1-	4ACSR	0	0	1048	169	5	0	0	0.00	2.11	0
OC1828565134	CO8969	4.29	1 1-	20 N FUSE	0	0	1048	169	5	0	3	0.00	2.11	0	
	CO8967	OC1828565134	4.35	1 1-	4ACSR	0	0	1029	168	5	0	0	0.00	2.11	0
	CO8800	CO8761	4.20	0 1-	4ACSR	0	0	1073	169	0	0	0	0.00	2.10	0
OC-1494970472	CO8800	4.20	0 1-	20 N FUSE	0	0	1073	169	0	0	0	0	0.00	2.10	0
	CO9107	CO8759	3.82	30 1-	4ACSR	0	0	1184	172	146	19	14	0.01	2.09	0
	OC230	CO9107	3.82	30 1-	50 E OCR	0	0	1184	172	146	19	40	0.00	2.09	0
	CO9108	OC230	4.01	30 1-	4ACSR	0	0	1114	170	146	19	14	0.16	2.25	39
	CO8764	CO9108	4.21	29 1-	4ACSR	0	0	1044	168	144	19	14	0.17	2.42	40
	CO8963	CO8764	4.27	4 1-	4ACSR	0	0	1022	167	25	3	2	0.01	2.43	0
	CO8964	CO8963	4.47	3 1-	4ACSR	0	0	959	165	24	3	2	0.02	2.45	0
	CO8962	CO8964	4.50	1 1-	4ACSR	0	0	952	165	10	1	1	0.00	2.46	0
	CO8961	CO8962	4.57	1 1-	4ACSR	0	0	930	164	10	1	1	0.00	2.46	0
	CO8765	CO8764	4.24	24 1-	4ACSR	0	0	1033	167	116	15	11	0.02	2.45	4
	CO9088	CO8765	4.31	4 1-	4ACSR	0	0	1010	167	5	0	1	0.00	2.45	0
	CO9089	CO9088	4.33	1 1-	4ACSR	0	0	1002	166	3	0	0	0.00	2.45	0
	CO8919	CO8765	4.29	20 1-	4ACSR	0	0	1017	167	110	15	11	0.03	2.48	5
	CO8920	CO8919	4.33	18 1-	4ACSR	0	0	1002	166	102	13	10	0.03	2.51	5
	CO8808	CO8920	4.39	2 1-	4ACSR	0	0	984	166	9	1	1	0.00	2.51	0
	CO8766	CO8920	4.39	10 1-	4ACSR	0	0	984	166	47	6	5	0.02	2.52	0
	CO8921	CO8766	4.42	2 1-	4ACSR	0	0	973	165	10	1	1	0.00	2.53	0
	CO8922	CO8921	4.54	1 1-	4ACSR	0	0	938	164	4	0	0	0.00	2.53	0
	CO8923	CO8766	4.58	8 1-	4ACSR	0	0	928	164	37	5	4	0.04	2.56	2
	CO8924	CO8923	4.61	6 1-	4ACSR	0	0	919	164	33	4	3	0.01	2.57	0
	CO8925	CO8924	4.63	5 1-	4ACSR	0	0	912	163	33	4	3	0.01	2.58	0
	CO8926	CO8925	4.72	4 1-	4ACSR	0	0	888	162	33	4	3	0.02	2.59	0
	CO8927	CO8926	4.75	3 1-	4ACSR	0	0	881	162	29	3	3	0.00	2.60	0
CO-303829797	CO8927	4.83	1 1-	2ACSR	0	0	863	162	18	2	1	0.01	2.60	0	
CO-1559104843	CO-303829797	4.91	1 1-	2ACSR	0	0	848	161	18	2	1	0.00	2.61	0	

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8928	CO8927	4.83	2 1-	4ACSR	0	0	861	161	11	1	1	0.00	2.60	0
CO9074	CO8920	4.39	6 1-	4ACSR	0	0	985	166	45	6	4	0.01	2.52	0
CO8809	CO9074	4.42	2 1-	4ACSR	0	0	975	165	14	1	1	0.00	2.52	0
CO9075	CO9074	4.40	4 1-	4ACSR	0	0	982	166	31	4	3	0.00	2.52	0
CO9076	CO9075	4.41	1 1-	4ACSR	0	0	978	166	13	1	1	0.00	2.52	0
CO8810	CO9108	4.06	1 1-	4ACSR	0	0	1094	169	2	0	0	0.00	2.25	0
CO8822	CO8810	4.12	1 1-	2ACSR	0	0	1076	169	2	0	0	0.00	2.25	0
CO8917	CO8916	3.83	2 1-	4ACSR	0	0	1175	171	5	0	0	0.00	2.07	0
OC963915195	CO8917	3.83	1 1-	20 N FUSE	0	0	1175	171	3	0	2	0.00	2.07	0
CO8918	OC963915195	3.87	1 1-	4ACSR	0	0	1156	171	3	0	0	0.00	2.07	0
CO9125	CO8913	3.70	16 1-	2ACSR	0	0	1218	172	58	7	4	0.03	2.07	2
CO8938	CO9125	3.72	11 1-	2ACSR	0	0	1209	172	37	4	3	0.00	2.07	0
CO8939	CO8938	3.77	11 1-	2ACSR	0	0	1191	172	37	4	3	0.01	2.08	0
CO8934	CO8939	3.79	5 1-	6ACWC	0	0	1185	171	22	2	2	0.00	2.08	0
CO8935	CO8934	3.86	5 1-	6ACWC	0	0	1159	171	22	2	2	0.01	2.09	0
CO8936	CO8935	3.90	2 1-	6ACWC	0	0	1143	170	13	1	1	0.00	2.09	0
CO8937	CO8936	3.93	1 1-	6ACWC	0	0	1130	170	10	1	1	0.00	2.09	0
CO8933	CO8939	3.83	6 1-	2ACSR	0	0	1171	171	15	2	1	0.00	2.08	0
CO9126	CO8933	3.93	6 1-	2ACSR	0	0	1139	170	15	2	1	0.01	2.09	0
CO8932	CO9126	3.96	6 1-	2ACSR	0	0	1130	170	15	2	1	0.00	2.09	0
CO16981	CO8932	4.01	0 1-	6ACWC	0	0	1109	170	0	0	0	0.00	2.09	0
CO-549169272	CO8932	4.02	3 1-	2ACSR	0	0	1111	170	5	0	0	0.00	2.09	0
CO-925777018	CO-549169272	4.06	1 1-	2ACSR	0	0	1099	169	0	0	0	0.00	2.09	0
CO-2081089874	CO-549169272	4.08	2 1-	2ACSR	0	0	1092	169	5	0	0	0.00	2.09	0
CO8552	CO-2081089874	4.15	2 1-	4ACSR	0	0	1067	169	5	0	1	0.00	2.09	0
CO8469	CO8552	4.20	0 1-	4ACSR	0	0	1051	168	0	0	0	0.00	2.09	0
CO8465	CO8552	4.25	1 1-	2ACSR	0	0	1040	168	5	0	0	0.00	2.09	0
CO8554	CO8552	4.41	1 1-	4ACSR	0	0	981	166	0	0	0	0.00	2.09	0
CO8553	CO8554	4.72	0 1-	4ACSR	0	0	893	163	0	0	0	0.00	2.09	0
CO8555	CO8553	5.01	0 1-	4ACSR	0	0	821	160	0	0	0	0.00	2.09	0
CO8929	CO8932	3.98	2 1-	2ACSR	0	0	1124	170	9	1	1	0.00	2.09	0
CO8930	CO8929	4.02	2 1-	2ACSR	0	0	1111	170	9	1	1	0.00	2.09	0
CO8931	CO8930	4.05	2 1-	2ACSR	0	0	1101	169	9	1	1	0.00	2.09	0
CO8811	CO9125	3.75	2 1-	6ACWC	0	0	1195	171	10	1	1	0.00	2.07	0
CO8826	CO8756	3.11	0 1-	2ACSR	0	0	1436	175	0	0	0	0.00	1.90	0
CO8806	CO8756	3.14	3 1-	4ACSR	0	0	1421	175	10	1	1	0.00	1.90	0
OC2053570133	CO8806	3.14	0 1-	20 N FUSE	0	0	1421	175	0	0	0	0.00	1.90	0
CO8805	CO8754	2.96	0 3-	4ACSR	1594	1560	1506	176	0	0	0	0.00	1.59	0
CO8877	CO8754	2.96	2 1-	4ACSR	0	0	1506	176	11	1	1	0.00	1.59	0
OC467778824	CO8877	2.96	0 1-	20 N FUSE	0	0	1506	176	0	0	0	0.00	1.59	0
CO8878	OC467778824	2.99	0 1-	4ACSR	0	0	1491	176	0	0	0	0.00	1.59	0
CO8876	CO8874	3.02	3 1-	4ACSR	0	0	1471	176	30	4	3	0.01	1.59	0
OC-1141236750	CO8876	3.02	1 1-	20 N FUSE	0	0	1471	176	10	1	7	0.00	1.59	0
CO578226920	OC-1141236750	3.05	1 1-	2ACSR	0	0	1453	175	10	1	1	0.00	1.59	0
CO70263179	CO578226920	3.10	0 1-	2ACSR	0	0	1431	175	0	0	0	0.00	1.59	0
CO1041925429	CO578226920	3.10	1 1-	2ACSR	0	0	1431	175	10	1	1	0.00	1.59	0
CO8804	CO8870	2.81	1 1-	4ACSR	0	0	1552	176	13	1	1	0.00	1.47	0
OC-715633693	CO8804	2.81	0 1-	20 N FUSE	0	0	1552	176	0	0	0	0.00	1.47	0
CO8803+	CO8869	2.58	1 1-	4ACSR	0	0	1744	340	9	0	0	0.00	0.50	0
OC737288842+	CO8803	2.58	0 1-	20 N FUSE	0	0	1744	340	0	0	0	0.00	0.50	0
CO8798+	CO8863	2.00	1 1-	4ACSR	0	0	1893	343	2	0	0	0.00	0.39	0
OC772437314+	CO8798	2.00	0 1-	20 N FUSE	0	0	1893	343	0	0	0	0.00	0.39	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9113+	CO9087	1.14	29 1-	2ACSR	0	0	2166	348	179	11	7	0.00	0.24	0
OC233+	CO9113	1.14	29 1-	70 E OCR	0	0	2166	348	179	11	17	0.00	0.24	0
CO9114+	OC233	1.15	29 1-	2ACSR	0	0	2158	348	179	11	7	0.00	0.25	0
CO8855+	CO9114	1.21	29 1-	2ACSR	0	0	2128	347	179	11	7	0.01	0.26	3
CO9118+	CO8855	1.34	27 1-	2ACSR	0	0	2063	345	173	11	6	0.02	0.28	6
CO8820+	CO9118	1.44	2 1-	4ACSR	0	0	2012	343	16	1	1	0.00	0.28	0
CO9079+	CO9118	1.43	25 1-	2ACSR	0	0	2022	343	157	10	6	0.01	0.29	3
CO9078+	CO9079	1.49	24 1-	2ACSR	0	0	1994	342	148	9	6	0.01	0.30	0
CO8824+	CO9078	1.55	2 1-	4ACSR	0	0	1959	341	19	1	1	0.00	0.30	0
CO9077+	CO9078	1.63	22 1-	2ACSR	0	0	1930	340	128	8	5	0.02	0.32	4
CO9521+	CO9077	1.69	22 1-	2ACSR	0	0	1903	339	128	8	5	0.01	0.33	0
CO9522+	CO9521	1.97	22 1-	2ACSR	0	0	1786	335	128	8	5	0.04	0.37	7
CO9589+	CO9522	1.99	1 1-	2ACSR	0	0	1778	335	4	0	0	0.00	0.37	0
CO9588+	CO9589	2.08	1 1-	2ACSR	0	0	1745	334	4	0	0	0.00	0.37	0
CO17111+	CO9522	2.11	21 1-	2ACSR	0	0	1734	333	125	8	5	0.02	0.38	3
CO8970+	CO17111	2.14	21 1-	2ACSR	0	0	1721	333	125	8	5	0.00	0.39	0
CO8972+	CO8970	2.20	20 1-	2ACSR	0	0	1700	332	115	7	4	0.01	0.39	0
CO8971+	CO8972	2.23	19 1-	2ACSR	0	0	1690	332	108	7	4	0.00	0.40	0
CO8974+	CO8971	2.31	18 1-	2ACSR	0	0	1662	331	97	6	4	0.01	0.41	0
CO62254133+	CO8974	2.33	3 1-	2ACSR	0	0	1654	330	27	1	1	0.00	0.41	0
CO869984818+	CO62254133	2.37	2 1-	2ACSR	0	0	1641	330	17	1	1	0.00	0.41	0
CO174307205+	CO869984818	2.56	2 1-	2ACSR	0	0	1577	327	17	1	1	0.00	0.41	0
CO-771909715+	CO62254133	2.39	1 1-	2ACSR	0	0	1632	329	10	0	0	0.00	0.41	0
CO8973+	CO8974	2.47	15 1-	2ACSR	0	0	1607	328	70	4	3	0.01	0.42	0
CO8975+	CO8973	2.63	13 1-	2ACSR	0	0	1553	326	62	4	2	0.01	0.43	0
CO8977+	CO8975	2.71	11 1-	2ACSR	0	0	1529	325	54	3	2	0.00	0.43	0
CO8976+	CO8977	2.80	11 1-	2ACSR	0	0	1503	324	54	3	2	0.00	0.43	0
CO17008+	CO8976	2.88	1 1-	6ACWC	0	0	1474	322	5	0	0	0.00	0.44	0
CO8979+	CO8976	2.89	8 1-	2ACSR	0	0	1474	322	33	2	1	0.00	0.44	0
CO8978+	CO8979	2.94	7 1-	2ACSR	0	0	1461	322	33	2	1	0.00	0.44	0
CO16988+	CO8978	3.05	0 1-	6ACWC	0	0	1426	320	0	0	0	0.00	0.44	0
CO8981+	CO8978	2.96	4 1-	2ACSR	0	0	1457	321	21	1	1	0.00	0.44	0
CO8980+	CO8981	2.97	4 1-	2ACSR	0	0	1453	321	21	1	1	0.00	0.44	0
CO17290+	CO8980	3.08	2 1-	2ACSR	0	0	1424	320	9	0	0	0.00	0.44	0
CO17289+	CO17290	3.08	0 1-	2ACSR	0	0	1422	320	0	0	0	0.00	0.44	0
CO8821+	CO8980	3.00	1 1-	4ACSR	0	0	1441	321	10	0	1	0.00	0.44	0
CO8830+	CO9079	1.45	1 1-	2ACSR	0	0	2012	343	9	0	0	0.00	0.29	0
CO8828+	CO8855	1.27	2 1-	4ACSR	0	0	2094	345	6	0	0	0.00	0.26	0
CO8794+	CO8751	1.10	3 1-	4ACSR	0	0	2165	347	11	0	1	0.00	0.22	0
OC-1338891559+	CO8794	1.10	0 1-	20 N FUSE	0	0	2165	347	0	0	0	0.00	0.22	0
CO8793+	CO8854	0.99	1 1-	4ACSR	0	0	2211	348	6	0	0	0.00	0.21	0
OC556730417+	CO8793	0.99	0 1-	20 N FUSE	0	0	2211	348	0	0	0	0.00	0.21	0
CO9056+	CO9117	0.18	2 1-	4ACSR	0	0	2540	351	3	0	0	0.00	0.03	0
OC-768641659+	CO9056	0.18	0 1-	20 N FUSE	0	0	2540	351	0	0	0	0.00	0.03	0
CO9057+	OC-768641659	0.24	0 1-	4ACSR	0	0	2492	350	0	0	0	0.00	0.03	0
CO8784+	CO9123	0.07	0 1-	4ACSR	0	0	2588	352	0	0	0	0.00	0.00	0
CO9122+	CO9120	0.01	959 3-	750 MCM - 42 Wi	2421	2623	2635	353	4840	109	9	0.00	0.00	3
Sharpsburg+	CO9122	0.01	952 3-	560 200WVE	2421	2623	2635	353	4818	108	19	0.00	0.00	0
CO8834+	Sharpsburg	0.04	952 3-	336ACSR	2414	2610	2622	353	4818	108	21	0.01	0.01	54
CO8835+	CO8834	0.07	952 3-	336ACSR	2405	2594	2606	353	4818	108	21	0.01	0.03	66
CO8841+	CO8835	0.17	4 1-	4ACSR	0	0	2533	351	19	1	1	0.00	0.03	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8842+	CO8841	0.23	4 1-	4ACSR	0	0	2482	349	19	1	1	0.00	0.03	0
CO8846+	CO8842	0.39	4 1-	4ACSR	0	0	2362	346	19	1	1	0.00	0.03	0
CO8847+	CO8846	0.54	3 1-	4ACSR	0	0	2253	342	14	0	1	0.00	0.04	0
CO8843+	CO8847	0.59	2 1-	4ACSR	0	0	2215	341	5	0	0	0.00	0.04	0
CO8844+	CO8843	0.61	1 1-	4ACSR	0	0	2202	341	1	0	0	0.00	0.04	0
CO8845+	CO8844	0.68	1 1-	4ACSR	0	0	2153	339	1	0	0	0.00	0.04	0
CO8737+	CO8835	0.17	948 3-	336ACSR	2377	2546	2557	352	4799	108	21	0.04	0.06	212
CO2117454092+	CO8737	0.19	0 1-	2ACSR	0	0	2545	352	0	0	0	0.00	0.06	0
OC722619903+	CO2117454092	0.19	0 1-	20 N FUSE	0	0	2545	352	0	0	0	0.00	0.06	0
CO9060+	CO8737	0.27	945 3-	336ACSR	2352	2503	2513	352	4783	107	21	0.03	0.10	196
CO9062+	CO9060	0.32	944 3-	336ACSR	2339	2481	2489	352	4774	107	21	0.02	0.12	106
CO9063+	CO9062	0.35	942 3-	336ACSR	2331	2467	2475	351	4764	107	21	0.01	0.13	64
CO9066+	CO9063	0.40	942 3-	336ACSR	2318	2446	2453	351	4764	107	21	0.02	0.15	105
CO9068+	CO9066	0.45	942 3-	336ACSR	2306	2426	2432	351	4764	107	21	0.02	0.16	97
CO9069+	CO9068	0.57	942 3-	336ACSR	2276	2379	2382	350	4763	107	21	0.04	0.20	243
CO8739+	CO9069	0.71	7 1-	4ACSR	0	0	2287	347	28	1	1	0.01	0.21	0
OC2023015202+	CO8739	0.71	7 1-	20 N FUSE	0	0	2287	347	28	1	9	0.00	0.21	0
CO9003+	OC2023015202	0.77	1 1-	4ACSR	0	0	2250	346	7	0	0	0.00	0.21	0
CO9004+	CO9003	0.85	0 1-	4ACSR	0	0	2196	344	0	0	0	0.00	0.21	0
CO9001+	OC2023015202	0.79	4 1-	4ACSR	0	0	2232	345	16	1	1	0.00	0.21	0
OC-2094851269+	CO9001	0.79	2 1-	20 N FUSE	0	0	2232	345	7	0	2	0.00	0.21	0
CO9002+	OC-2094851269	0.86	2 1-	4ACSR	0	0	2186	344	7	0	0	0.00	0.21	0
CO8999+	OC2023015202	0.78	2 1-	4ACSR	0	0	2241	346	5	0	0	0.00	0.21	0
CO9000+	CO8999	0.83	1 1-	4ACSR	0	0	2210	345	2	0	0	0.00	0.21	0
CO9005+	CO9069	0.77	935 3-	336ACSR	2227	2304	2300	350	4734	106	21	0.07	0.28	414
CO9006+	CO9005	0.96	935 3-	336ACSR	2183	2239	2230	349	4732	106	21	0.07	0.35	382
CO8777+	CO9006	1.01	1 1-	336 MCM ACSR 30	0	0	2211	349	8	0	0	0.00	0.35	0
OC1915880847+	CO8777	1.01	0 1-	20 N FUSE	0	0	2211	349	0	0	0	0.00	0.35	0
CO9007+	CO9006	1.03	933 3-	336ACSR	2168	2217	2206	348	4722	106	21	0.02	0.37	136
CO9008+	CO9007	1.09	933 3-	336ACSR	2154	2198	2184	348	4721	106	21	0.02	0.39	123
CO-1130140936+	CO9008	1.13	1 1-	2ACSR	0	0	2161	347	17	1	1	0.00	0.39	0
CO9009+	CO9008	1.15	931 3-	336ACSR	2140	2178	2162	348	4686	105	20	0.02	0.41	130
CO9010+	CO9009	1.22	930 3-	336ACSR	2126	2158	2139	348	4682	105	20	0.02	0.44	132
CO8738+	CO9010	1.48	927 3-	336ACSR	2071	2083	2055	346	4669	105	20	0.09	0.53	517
CO9095+	CO8738	1.49	13 1-	6ACWC	0	0	2051	346	30	2	1	0.00	0.53	0
OC224+	CO9095	1.49	13 1-	50 E OCR	0	0	2051	346	30	2	4	0.00	0.53	0
CO9096+	OC224	1.58	13 1-	6ACWC	0	0	2001	344	30	2	1	0.00	0.53	0
CO9018+	CO9096	1.66	12 1-	6ACWC	0	0	1965	343	26	1	1	0.00	0.54	0
CO9019+	CO9018	1.81	12 1-	6ACWC	0	0	1890	339	26	1	1	0.01	0.54	0
CO9020+	CO9019	1.89	11 1-	6ACWC	0	0	1848	338	25	1	1	0.00	0.55	0
CO9021+	CO9020	2.01	10 1-	6ACWC	0	0	1794	335	23	1	1	0.00	0.55	0
CO9022+	CO9021	2.05	8 1-	6ACWC	0	0	1772	334	22	1	1	0.00	0.55	0
CO9023+	CO9022	2.11	8 1-	6ACWC	0	0	1747	333	22	1	1	0.00	0.55	0
CO8746+	CO9023	2.30	5 1-	6ACWC	0	0	1664	329	22	1	1	0.01	0.56	0
CO9028+	CO8746	2.35	3 1-	6ACWC	0	0	1641	328	10	0	0	0.00	0.56	0
CO9029+	CO9028	2.44	2 1-	6ACWC	0	0	1607	326	10	0	0	0.00	0.56	0
CO9030+	CO9029	2.72	1 1-	6ACWC	0	0	1498	321	9	0	0	0.00	0.56	0
CO9026+	CO8746	2.32	2 1-	6ACWC	0	0	1657	329	12	0	1	0.00	0.56	0
CO9027+	CO9026	2.34	1 1-	6ACWC	0	0	1647	328	4	0	0	0.00	0.56	0
CO9024+	CO9023	2.20	3 1-	6ACWC	0	0	1708	331	0	0	0	0.00	0.55	0
CO9025+	CO9024	2.24	2 1-	6ACWC	0	0	1688	330	0	0	0	0.00	0.55	0
CO9011+	CO8738	1.59	2 1-	336 MCM ACSR 30	0	0	2023	346	4	0	0	0.00	0.53	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC120937976+	CO9011	1.59	2 1-	20 N FUSE	0	0	2023	346	4	0	1	0.00	0.53	0
CO9012+	OC120937976	1.67	1 1-	336 MCM ACSR 30	0	0	2000	346	0	0	0	0.00	0.53	0
CO8778+	OC120937976	1.65	1 1-	336 MCM ACSR 30	0	0	2006	346	4	0	0	0.00	0.53	0
CO9013+	CO8738	1.65	911 3-	336ACSR	2036	2037	2002	346	4629	104	20	0.06	0.59	337
CO9014+	CO9013	1.98	911 3-	336ACSR	1973	1957	1911	344	4628	104	20	0.11	0.70	630
CO8831+	CO9014	2.06	6 1-	336 MCM ACSR 30	0	0	1889	344	26	1	0	0.00	0.70	0
OC1070771909+	CO8831	2.06	4 1-	20 N FUSE	0	0	1889	344	26	1	9	0.00	0.70	0
CO8832+	OC1070771909	2.12	4 1-	336 MCM ACSR 30	0	0	1874	344	26	1	0	0.00	0.70	0
CO8833+	CO8832	2.15	1 1-	336 MCM ACSR 30	0	0	1868	343	13	0	0	0.00	0.70	0
CO9015+	CO9014	2.05	903 3-	336ACSR	1959	1939	1891	344	4585	103	20	0.03	0.73	144
CO9016+	CO9015	2.13	902 3-	336ACSR	1945	1922	1871	343	4558	103	20	0.03	0.76	143
CO730725189+	CO9016	2.17	902 3-	2ACSR	1934	1907	1855	343	4558	103	57	0.06	0.81	402
CO-1590714796+	CO730725189	2.23	901 3-	2ACSR	1916	1886	1830	342	4539	102	57	0.08	0.89	603
CO8779+	CO-1590714796	2.27	1 1-	336 MCM ACSR 30	0	0	1822	342	3	0	0	0.00	0.89	0
OC1161332238+	CO8779	2.27	0 1-	20 N FUSE	0	0	1822	342	0	0	0	0.00	0.89	0
CO16986+	CO-1590714796	2.29	900 3-	336ACSR	1906	1873	1816	342	4533	102	20	0.02	0.91	107
CO9275+	CO16986	2.32	898 3-	336ACSR	1901	1868	1809	342	4525	102	20	0.01	0.92	53
CO9184+	CO9275	2.37	2 1-	2ACSR	0	0	1790	341	6	0	0	0.00	0.92	0
OC-450247408+	CO9184	2.37	0 1-	20 N FUSE	0	0	1790	341	0	0	0	0.00	0.92	0
CO9274+	CO9275	2.35	896 3-	336ACSR	1895	1860	1801	341	4519	102	20	0.01	0.93	65
CO9273+	CO9274	2.37	895 3-	336ACSR	1892	1856	1796	341	4513	102	20	0.01	0.94	36
CO9272+	CO9273	2.43	891 3-	336ACSR	1882	1845	1784	341	4503	102	20	0.02	0.96	99
CO9151+	CO9272	2.50	847 3-	336ACSR	1870	1831	1767	341	4317	97	19	0.02	0.98	120
CO9181+	CO9151	2.53	4 1-	4ACSR	0	0	1754	340	11	0	1	0.00	0.98	0
OC-1431587565+	CO9181	2.53	0 1-	20 N FUSE	0	0	1754	340	0	0	0	0.00	0.98	0
CO9150+	CO9151	2.73	843 3-	336ACSR	1832	1785	1715	340	4306	97	19	0.08	1.06	397
CO9147+	CO9150	2.75	829 3-	336ACSR	1828	1782	1711	340	4260	96	19	0.01	1.06	31
CO9148+	CO9147	2.85	824 3-	336ACSR	1812	1763	1688	339	4251	96	19	0.03	1.10	172
CO9320+	CO9148	2.90	0 3-	2ACSR	1799	1748	1672	338	0	0	0	0.00	1.10	0
CO9321+	CO9320	2.91	0 3-	2ACSR	1797	1746	1669	338	0	0	0	0.00	1.10	0
SW247-A+	CO9321	2.91	0 3-	Open	1797	1746	1669	338	0	0	0	0.00	1.10	0
CO9149+	CO9148	3.01	824 3-	336ACSR	1787	1734	1655	338	4250	96	19	0.05	1.15	265
CO9264+	CO9149	3.04	824 3-	336ACSR	1783	1730	1650	338	4249	96	19	0.01	1.16	39
CO9265+	CO9264	3.31	824 3-	336ACSR	1742	1684	1597	337	4249	96	19	0.09	1.24	448
FD2048455405+	CO9265	3.31	823 3-	_DefaultBayEqui	1742	1684	1597	337	4245	96	0	0.00	1.24	0
CO9263+	FD2048455405	3.49	823 3-	336ACSR	1716	1655	1564	336	4245	96	19	0.06	1.30	296
OC2048455405+	CO9263	3.49	816 3-	20 N FUSE	1716	1655	1564	336	4183	95	475	0.00	1.30	0
CO9142+	OC2048455405	3.61	816 3-	336ACSR	1699	1635	1542	336	4183	95	18	0.04	1.34	198
CO9143+	CO9142	3.68	814 3-	336ACSR	1690	1625	1531	335	4177	94	18	0.02	1.36	104
CO9255+	CO9143	3.69	807 3-	336ACSR	1688	1624	1528	335	4158	94	18	0.00	1.36	20
CO9256+	CO9255	3.70	807 3-	336ACSR	1687	1622	1526	335	4158	94	18	0.00	1.37	18
CO9185+	CO9256	3.80	1 1-	2ACSR	0	0	1500	334	13	0	0	0.00	1.37	0
OC-1158191892+	CO9185	3.80	0 1-	20 N FUSE	0	0	1500	334	0	0	0	0.00	1.37	0
CO9254+	CO9256	3.77	806 3-	336ACSR	1677	1611	1514	335	4145	94	18	0.02	1.39	114
CO9253+	CO9254	3.84	805 3-	336ACSR	1668	1601	1502	335	4142	94	18	0.02	1.41	107
CO9252+	CO9253	3.94	803 3-	336ACSR	1655	1587	1486	334	4134	93	18	0.03	1.44	151
CO9251+	CO9252	4.08	800 3-	336ACSR	1636	1567	1463	334	4118	93	18	0.04	1.49	222
CO-2004579120+	CO9251	4.17	1 1-	2ACSR	0	0	1441	332	11	0	0	0.00	1.49	0
OC1570515726+	CO-2004579120	4.17	0 1-	20 N FUSE	0	0	1441	332	0	0	0	0.00	1.49	0
CO9247+	CO9251	4.10	796 3-	336ACSR	1633	1564	1460	333	4096	93	18	0.01	1.49	33
CO9248+	CO9247	4.14	795 3-	336ACSR	1628	1558	1453	333	4087	92	18	0.01	1.50	64
CO9290+	CO9248	4.22	793 3-	336ACSR	1618	1547	1442	333	4081	92	18	0.02	1.53	117

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9291+	CO9290	4.24	792 3-	336ACSR	1615	1544	1437	333	4080	92	18	0.01	1.54	40
CO9245+	CO9291	4.31	1 1-	336 MCM ACSR 30	0	0	1428	332	9	0	0	0.00	1.54	0
OC-2079001619+	CO9245	4.31	1 1-	20 N FUSE	0	0	1428	332	9	0	3	0.00	1.54	0
CO9246+	OC-2079001619	4.35	1 1-	336 MCM ACSR 30	0	0	1421	332	9	0	0	0.00	1.54	0
CO9244+	CO9246	4.39	1 1-	336 MCM ACSR 30	0	0	1417	332	9	0	0	0.00	1.54	0
CO9243+	CO9291	4.33	791 3-	336ACSR	1604	1533	1425	332	4071	92	18	0.03	1.56	127
CO16998+	CO9243	4.49	790 3-	336ACSR	1584	1511	1400	332	4064	92	18	0.05	1.61	252
CO9791+	CO16998	4.54	503 3-	1/0ACSR	1575	1502	1390	331	2624	59	26	0.03	1.64	100
CO9792+	CO9791	4.59	501 3-	1/0ACSR	1567	1493	1381	331	2621	59	26	0.02	1.66	94
CO9795+	CO9792	4.70	495 3-	1/0ACSR	1548	1473	1359	330	2596	59	26	0.06	1.72	222
CO2103781703+	CO9795	4.75	1 1-	2ACSR	0	0	1348	329	4	0	0	0.00	1.72	0
OC-1710072388+	CO2103781703	4.75	0 1-	20 N FUSE	0	0	1348	329	0	0	0	0.00	1.72	0
CO9796+	CO9795	4.84	493 3-	1/0ACSR	1524	1448	1331	328	2583	58	26	0.07	1.79	283
CO9711+	CO9796	4.92	485 3-	1/0ACSR	1510	1435	1316	327	2534	57	25	0.04	1.83	153
CO9804+	CO9711	4.93	483 3-	1/0ACSR	1508	1433	1314	327	2523	57	25	0.01	1.83	21
CO9805+	CO9804	4.97	481 3-	1/0ACSR	1502	1427	1308	327	2515	57	25	0.02	1.85	68
CO9712+	CO9805	5.07	476 3-	1/0ACSR	1487	1411	1290	326	2492	56	25	0.05	1.90	179
CO9713+	CO9712	5.13	469 3-	1/0ACSR	1476	1400	1278	325	2457	56	24	0.03	1.93	117
CO9811+	CO9713	5.19	469 3-	1/0ACSR	1467	1391	1268	325	2457	56	24	0.03	1.96	107
CO9755+	CO9811	5.27	2 1-	1/0ACSR	0	0	1255	324	4	0	0	0.00	1.96	0
OC1973558771+	CO9755	5.27	0 1-	20 N FUSE	0	0	1255	324	0	0	0	0.00	1.96	0
CO9812+	CO9811	5.25	464 3-	1/0ACSR	1458	1382	1258	324	2434	55	24	0.03	1.99	103
CO9813+	CO9812	5.28	464 3-	1/0ACSR	1452	1376	1252	324	2434	55	24	0.02	2.01	63
CO9714+	CO9813	5.34	461 3-	1/0ACSR	1443	1367	1242	323	2429	55	24	0.03	2.03	105
CO9752+	CO9714	5.39	1 1-	4ACSR	0	0	1231	322	3	0	0	0.00	2.03	0
OC1940374800+	CO9752	5.39	0 1-	20 N FUSE	0	0	1231	322	0	0	0	0.00	2.03	0
CO9816+	CO9714	5.51	460 3-	1/0ACSR	1418	1342	1215	321	2426	55	24	0.08	2.11	281
CO9815+	CO9816	5.56	457 3-	1/0ACSR	1411	1335	1207	321	2396	54	24	0.02	2.13	84
CO9935+	CO9815	5.60	0 3-	1/0ACSR	1404	1328	1200	320	0	0	0	0.00	2.13	0
#SW268-B+	CO9935	5.60	0 3-	Open	1404	1328	1200	320	0	0	0	0.00	2.13	0
CO9863+	CO9815	5.74	454 3-	4/0ACSR	1389	1313	1183	320	2373	54	16	0.05	2.18	157
CO9864+	CO9863	5.78	453 3-	4/0ACSR	1384	1308	1178	320	2362	53	16	0.01	2.19	33
CO9862+	CO9864	5.89	450 3-	4/0ACSR	1372	1296	1166	319	2353	53	16	0.03	2.22	85
CO9932+	CO9862	5.89	448 3-	750 MCM - 42 wi	1372	1296	1165	319	2332	53	5	0.00	2.22	0
OC267+	CO9932	5.89	420 3-	100 E OCR	1372	1296	1165	319	2189	50	50	0.00	2.22	0
CO9892+	OC267	5.97	420 3-	4/0ACSR	1363	1287	1155	318	2189	50	15	0.02	2.24	57
CO9893+	CO9892	6.06	420 3-	4/0ACSR	1353	1277	1145	318	2189	50	15	0.02	2.26	63
CO9894+	CO9893	6.20	420 3-	4/0ACSR	1337	1262	1129	317	2188	50	15	0.03	2.30	102
CO9895+	CO9894	6.33	420 3-	4/0ACSR	1323	1248	1114	316	2188	50	15	0.03	2.33	95
CO-1633819878+	CO9895	6.39	1 1-	2ACSR	0	0	1105	315	10	0	0	0.00	2.33	0
CO9896+	CO9895	6.41	418 3-	4/0ACSR	1315	1239	1105	316	2170	49	15	0.02	2.35	57
CO9897+	CO9896	6.48	418 3-	4/0ACSR	1307	1232	1097	315	2170	49	15	0.02	2.36	50
CO9726+	CO9897	6.59	1 1-	4/0ACSR	0	0	1086	315	0	0	0	0.00	2.36	0
CO9699+	CO9897	6.58	416 3-	4/0ACSR	1298	1222	1087	315	2163	49	15	0.02	2.39	67
CO9700+	CO9699	6.74	413 3-	4/0ACSR	1281	1206	1070	314	2157	49	15	0.04	2.43	115
CO9901+	CO9700	6.85	2 1-	4/0ACSR	0	0	1059	313	4	0	0	0.00	2.43	0
OC525484232+	CO9901	6.85	0 1-	20 N FUSE	0	0	1059	313	0	0	0	0.00	2.43	0
CO9902+	OC525484232	6.91	0 1-	4/0ACSR	0	0	1053	313	0	0	0	0.00	2.43	0
CO9701+	CO9700	6.84	410 3-	4/0ACSR	1272	1197	1060	313	2145	49	14	0.02	2.45	66
CO9727+	CO9701	6.91	1 1-	4/0ACSR	0	0	1053	313	13	0	0	0.00	2.45	0
OC666808362+	CO9727	6.91	0 1-	20 N FUSE	0	0	1053	313	0	0	0	0.00	2.45	0
CO9702+	CO9701	7.03	409 3-	4/0ACSR	1253	1179	1041	312	2131	48	14	0.05	2.49	130

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9903+	CO9702	7.17	409 3-	4/0ACSR	1240	1166	1027	311	2131	48	14	0.03	2.53	97
CO9904+	CO9903	7.29	409 3-	4/0ACSR	1229	1155	1016	310	2130	48	14	0.03	2.56	81
CO9760+	CO9904	7.34	2 1-	2ACSR	0	0	1010	310	12	0	0	0.00	2.56	0
OC-1097124239+	CO9760	7.34	0 1-	20 N FUSE	0	0	1010	310	0	0	0	0.00	2.56	0
CO9905+	CO9904	7.36	407 3-	4/0ACSR	1222	1148	1009	310	2118	48	14	0.02	2.57	52
CO9906+	CO9905	7.45	406 3-	4/0ACSR	1214	1141	1002	310	2108	48	14	0.02	2.59	56
CO9907+	CO9906	7.65	405 3-	4/0ACSR	1197	1124	984	308	2105	48	14	0.05	2.64	132
CO9930+	CO9907	7.65	6 1-	4ACSR	0	0	983	308	42	2	2	0.00	2.64	0
OC262+	CO9930	7.65	6 1-	10 N FUSE	0	0	983	308	42	2	29	0.00	2.64	0
CO9931+	OC262	7.86	6 1-	4ACSR	0	0	954	304	42	2	2	0.01	2.65	0
CO17013+	CO9931	7.92	1 1-	4ACSR	0	0	945	303	9	0	0	0.00	2.65	0
CO9915+	CO9931	7.95	3 1-	4ACSR	0	0	941	303	22	1	1	0.00	2.66	0
CO9916+	CO9915	8.04	2 1-	4ACSR	0	0	928	301	10	0	0	0.00	2.66	0
CO9914+	CO9931	7.89	2 1-	4ACSR	0	0	949	304	11	0	1	0.00	2.65	0
CO9913+	CO9914	7.92	2 1-	4ACSR	0	0	946	303	11	0	1	0.00	2.65	0
CO9912+	CO9913	7.96	1 1-	4ACSR	0	0	939	303	9	0	0	0.00	2.66	0
CO9911+	CO9912	7.99	1 1-	4ACSR	0	0	935	302	9	0	0	0.00	2.66	0
CO9917+	CO9907	7.70	396 3-	4/0ACSR	1192	1119	979	308	2062	47	14	0.01	2.65	38
CO9918+	CO9917	7.74	395 3-	4/0ACSR	1188	1115	976	308	2053	47	14	0.01	2.66	24
CO9919+	CO9918	7.83	394 3-	4/0ACSR	1180	1108	968	307	2042	46	14	0.02	2.68	58
CO9922+	CO9919	8.01	390 3-	4/0ACSR	1166	1094	953	306	2038	46	14	0.04	2.72	109
CO9759+	CO9922	8.06	1 1-	2ACSR	0	0	947	306	8	0	0	0.00	2.72	0
OC-2048556001+	CO9759	8.06	0 1-	20 N FUSE	0	0	947	306	0	0	0	0.00	2.72	0
CO9923+	CO9922	8.03	389 3-	4/0ACSR	1164	1092	952	306	2030	46	14	0.00	2.73	11
CO9924+	CO9923	8.09	302 3-	4/0ACSR	1159	1087	946	306	1497	34	10	0.01	2.74	22
OC-447137113+	CO9924	8.09	301 3-	20 N FUSE	1159	1087	946	306	1488	34	171	0.00	2.74	0
CO9925+	OC-447137113	8.18	301 3-	4/0ACSR	1152	1080	940	305	1488	34	10	0.01	2.75	28
CO17015+	CO9925	8.38	300 3-	4/0ACSR	1136	1065	924	304	1484	34	10	0.03	2.78	67
CO10839+	CO17015	8.47	0 1-	4/0ACSR	0	0	917	303	0	0	0	0.00	2.78	0
CO10945+	CO17015	8.49	300 3-	4/0ACSR	1127	1056	915	303	1484	34	10	0.02	2.80	36
CO10946+	CO10945	8.57	298 3-	4/0ACSR	1121	1050	909	303	1474	33	10	0.01	2.82	27
CO10816+	CO10946	8.63	291 3-	4/0ACSR	1116	1046	905	303	1454	33	10	0.01	2.83	19
CO10840+	CO10816	8.69	1 1-	4/0ACSR	0	0	900	302	4	0	0	0.00	2.83	0
OC-484437041+	CO10840	8.69	0 1-	20 N FUSE	0	0	900	302	0	0	0	0.00	2.83	0
CO10927+	CO10816	8.76	290 3-	4/0ACSR	1107	1037	896	302	1450	33	10	0.02	2.85	40
CO10848+	CO10927	8.86	1 1-	2ACSR	0	0	885	300	7	0	0	0.00	2.85	0
OC958034250+	CO10848	8.86	0 1-	20 N FUSE	0	0	885	300	0	0	0	0.00	2.85	0
CO10928+	CO10927	8.83	289 3-	4/0ACSR	1102	1032	890	301	1443	33	10	0.01	2.86	22
CO17115+	CO10928	9.01	288 3-	4/0ACSR	1088	1018	877	300	1438	32	10	0.03	2.89	58
CO1625430347+	CO17115	9.04	286 3-	2ACSR	1085	1016	875	300	1417	32	18	0.01	2.90	22
CO1115759780+	CO1625430347	9.10	285 3-	2ACSR	1079	1011	869	299	1417	32	18	0.02	2.92	58
CO11255+	CO1115759780	9.15	8 1-	4ACSR	0	0	863	298	23	1	1	0.00	2.92	0
OC1648905508+	CO11255	9.15	6 1-	20 N FUSE	0	0	863	298	19	1	6	0.00	2.92	0
CO11256+	OC1648905508	9.17	6 1-	4ACSR	0	0	861	298	19	1	1	0.00	2.92	0
CO17053+	CO11256	9.24	5 1-	4/0ACSR	0	0	856	298	14	0	0	0.00	2.92	0
CO10884+	CO17053	9.30	3 1-	4/0ACSR	0	0	852	297	7	0	0	0.00	2.92	0
CO10885+	CO10884	9.43	2 1-	4/0ACSR	0	0	844	296	4	0	0	0.00	2.92	0
CO11186+	CO1115759780	9.23	277 3-	4/0ACSR	1070	1001	860	299	1394	31	9	0.02	2.94	39
CO11259+	CO11186	9.26	277 3-	4/0ACSR	1067	999	858	298	1394	31	9	0.01	2.95	10
CO11260+	CO11259	9.35	277 3-	4/0ACSR	1062	994	852	298	1394	31	9	0.01	2.96	24
CO11188+	CO11260	9.46	270 3-	4/0ACSR	1054	986	845	297	1351	31	9	0.02	2.98	31
CO11265+	CO11188	9.51	2 1-	4ACSR	0	0	839	296	4	0	0	0.00	2.98	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC444931602+	CO11265	9.51	1 1-	20 N FUSE	0	0	839	296	0	0	0	0.00	2.98	0
CO11266+	OC444931602	9.64	1 1-	4ACSR	0	0	826	294	0	0	0	0.00	2.98	0
CO11189+	CO11188	9.84	268 3-	4/0ACSR	1029	962	821	295	1347	30	9	0.06	3.03	104
CO11200+	CO11189	9.98	0 1-	6ACWC	0	0	807	293	0	0	0	0.00	3.03	0
OC-316559953+	CO11200	9.98	0 1-	20 N FUSE	0	0	807	293	0	0	0	0.00	3.03	0
CO11270+	OC-316559953	10.05	0 1-	6ACWC	0	0	800	291	0	0	0	0.00	3.03	0
CO11271+	CO11270	10.08	0 1-	6ACWC	0	0	797	291	0	0	0	0.00	3.03	0
CO11357+	OC-316559953	9.99	0 1-	6ACWC	0	0	806	293	0	0	0	0.00	3.03	0
OC315+	CO11357	9.99	0 1-	20 N FUSE	0	0	806	293	0	0	0	0.00	3.03	0
CO11358+	OC315	10.24	0 1-	6ACWC	0	0	781	288	0	0	0	0.00	3.03	0
CO11269+	CO11358	10.29	0 1-	6ACWC	0	0	777	288	0	0	0	0.00	3.03	0
CO11268+	CO11269	10.32	0 1-	6ACWC	0	0	773	287	0	0	0	0.00	3.03	0
CO11267+	CO11268	10.42	0 1-	6ACWC	0	0	765	286	0	0	0	0.00	3.03	0
CO11230+	CO11189	9.93	0 1-	4ACSR	0	0	811	293	0	0	0	0.00	3.03	0
OC1939844840+	CO11230	9.93	0 1-	20 N FUSE	0	0	811	293	0	0	0	0.00	3.03	0
CO11190+	CO11189	9.96	268 3-	4/0ACSR	1021	955	814	294	1347	30	9	0.02	3.05	33
CO11191+	CO11190	10.07	267 3-	4/0ACSR	1014	948	807	294	1338	30	9	0.02	3.07	31
CO11352+	CO11191	10.45	11 1-	6ACWC	0	0	771	288	29	2	1	0.02	3.08	0
OC1854150139+	CO11352	10.45	11 1-	20 N FUSE	0	0	771	288	29	2	10	0.00	3.08	0
CO11353+	OC1854150139	10.62	11 1-	6ACWC	0	0	755	285	29	2	1	0.01	3.09	0
CO11343+	CO11353	10.76	10 1-	6ACWC	0	0	743	283	23	1	1	0.00	3.10	0
CO11228+	CO11343	10.89	2 1-	6ACWC	0	0	732	281	1	0	0	0.00	3.10	0
CO11198+	CO11343	10.85	8 1-	6ACWC	0	0	735	281	22	1	1	0.00	3.10	0
CO11199+	CO11198	10.91	6 1-	6ACWC	0	0	730	280	16	1	1	0.00	3.10	0
CO11344+	CO11199	11.05	5 1-	6ACWC	0	0	717	278	16	1	1	0.00	3.10	0
CO11345+	CO11344	11.15	2 1-	6ACWC	0	0	710	277	2	0	0	0.00	3.10	0
CO11346+	CO11345	11.37	2 1-	6ACWC	0	0	692	273	2	0	0	0.00	3.10	0
CO11347+	CO11346	11.38	1 1-	6ACWC	0	0	691	273	0	0	0	0.00	3.10	0
CO11348+	CO11347	11.42	1 1-	6ACWC	0	0	688	273	0	0	0	0.00	3.10	0
CO11349+	CO11348	11.44	1 1-	6ACWC	0	0	686	272	0	0	0	0.00	3.10	0
CO2085836848+	CO11349	11.74	1 1-	2ACSR	0	0	667	269	0	0	0	0.00	3.10	0
CO11226+	CO11199	11.10	1 1-	6ACWC	0	0	714	277	0	0	0	0.00	3.10	0
CO11227+	CO11198	10.94	1 1-	6ACWC	0	0	727	280	0	0	0	0.00	3.10	0
CO11192+	CO11191	10.16	256 3-	4/0ACSR	1008	943	802	293	1309	30	9	0.01	3.08	23
CO11222+	CO11192	10.24	1 1-	4ACSR	0	0	794	292	0	0	0	0.00	3.08	0
OC556623837+	CO11222	10.24	0 1-	20 N FUSE	0	0	794	292	0	0	0	0.00	3.08	0
CO11193+	CO11192	10.30	255 3-	4/0ACSR	1000	934	794	292	1308	30	9	0.02	3.10	37
CO11272+	CO11193	10.38	251 3-	4/0ACSR	995	930	789	292	1300	29	9	0.01	3.11	21
CO11273+	CO11272	10.43	251 3-	4/0ACSR	992	927	787	292	1300	29	9	0.01	3.12	13
CO11195+	CO11273	10.85	249 3-	4/0ACSR	967	903	764	289	1295	29	9	0.06	3.18	106
CO11278+	CO11195	10.97	31 3-	4/0ACSR	960	897	758	289	153	3	1	0.00	3.18	0
CO11362+	CO11278	11.07	30 1-	4/0ACSR	0	0	752	288	138	9	3	0.01	3.19	0
CO11179+	CO11362	11.10	30 1-	4ACSR	0	0	750	288	138	9	7	0.01	3.20	0
XFMR99	CO11179	11.10	30 1-	167 KVA 1PH AUT	0	0	554	165	138	9	82	0.47	3.67	0
CO11359	XFMR99	11.11	30 1-	4ACSR	0	0	554	165	138	19	14	0.01	3.67	0
OC313	CO11359	11.11	30 1-	25 H OCR	0	0	554	165	138	19	76	0.00	3.67	0
CO11360	OC313	11.13	30 1-	4ACSR	0	0	552	165	138	19	14	0.03	3.70	6
CO11279	CO11360	11.40	30 1-	4ACSR	0	0	532	162	138	19	14	0.23	3.92	51
CO11174	CO11279	11.48	20 1-	4ACSR	0	0	526	161	92	12	9	0.05	3.97	7
CO11280	CO11174	11.79	19 1-	4ACSR	0	0	504	158	81	11	8	0.15	4.13	21
OC989614782	CO11280	11.79	18 1-	20 N FUSE	0	0	504	158	81	11	56	0.00	4.13	0
CO11281	OC989614782	11.91	18 1-	4ACSR	0	0	496	157	81	11	8	0.06	4.19	8

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

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LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11282	CO11281	12.03	18 1-	4ACSR	0	0	487	156	80	11	8	0.06	4.24	7
CO11241	CO11282	12.07	2 1-	2ACSR	0	0	485	155	1	0	0	0.00	4.24	0
CO11283	CO11282	12.17	15 1-	4ACSR	0	0	477	154	70	9	7	0.06	4.31	8
CO11284	CO11283	12.52	14 1-	4ACSR	0	0	455	151	70	9	7	0.15	4.46	18
CO11175	CO11284	12.59	13 1-	4ACSR	0	0	450	151	70	9	7	0.03	4.49	4
CO11176	CO11175	12.81	11 1-	4ACSR	0	0	437	149	57	7	6	0.08	4.56	7
CO11213	CO11176	12.89	0 1-	4ACSR	0	0	432	148	0	0	0	0.00	4.56	0
CO11177	CO11176	12.87	11 1-	4ACSR	0	0	434	148	57	7	6	0.02	4.59	0
CO11290	CO11177	13.03	10 1-	4ACSR	0	0	424	147	57	7	6	0.06	4.64	5
CO11291	CO11290	13.10	9 1-	4ACSR	0	0	420	146	54	7	5	0.03	4.67	2
CO11178	CO11291	13.69	7 1-	4ACSR	0	0	389	141	53	7	5	0.20	4.86	17
CO11301	CO11178	13.96	2 1-	4ACSR	0	0	375	139	11	1	1	0.02	4.88	0
CO11302	CO11301	14.05	2 1-	4ACSR	0	0	372	139	11	1	1	0.01	4.89	0
CO11300	CO11302	14.14	2 1-	4ACSR	0	0	367	138	11	1	1	0.01	4.89	0
CO11299	CO11300	14.29	1 1-	4ACSR	0	0	361	137	11	1	1	0.00	4.90	0
CO11294	CO11178	13.75	5 1-	4ACSR	0	0	386	141	43	5	4	0.01	4.88	0
CO11295	CO11294	13.77	4 1-	4ACSR	0	0	385	141	31	4	3	0.00	4.88	0
CO713138009	CO11295	13.91	4 1-	2ACSR	0	0	379	140	31	4	2	0.02	4.90	0
CO313886258	CO713138009	13.94	1 1-	1/0PRIURD	0	0	378	248	18	2	2	0.00	4.90	0
CO835393678	CO713138009	13.97	3 1-	2ACSR	0	0	377	140	13	1	1	0.00	4.90	0
CO11240	CO835393678	14.06	2 1-	2ACSR	0	0	373	139	11	1	1	0.00	4.90	0
CO11298	CO835393678	14.03	1 1-	4ACSR	0	0	374	139	3	0	0	0.00	4.90	0
CO11296	CO11298	14.08	1 1-	4ACSR	0	0	372	139	3	0	0	0.00	4.90	0
CO11292	CO11291	13.17	2 1-	4ACSR	0	0	416	146	0	0	0	0.00	4.67	0
CO11293	CO11292	13.26	1 1-	4ACSR	0	0	412	145	0	0	0	0.00	4.67	0
CO11214	CO11292	13.22	1 1-	4ACSR	0	0	414	145	0	0	0	0.00	4.67	0
CO11212	CO11177	12.91	1 1-	4ACSR	0	0	431	148	0	0	0	0.00	4.59	0
CO11211	CO11177	13.04	0 1-	4ACSR	0	0	424	147	0	0	0	0.00	4.59	0
CO11288	CO11175	12.68	2 1-	4ACSR	0	0	445	150	13	1	1	0.01	4.50	0
CO11289	CO11288	12.69	1 1-	4ACSR	0	0	445	150	13	1	1	0.00	4.50	0
CO11287	CO11289	12.91	1 1-	4ACSR	0	0	431	148	13	1	1	0.01	4.51	0
CO11285	CO11284	12.70	1 1-	4ACSR	0	0	444	150	0	0	0	0.00	4.46	0
CO11286	CO11285	12.74	0 1-	4ACSR	0	0	442	149	0	0	0	0.00	4.46	0
CO11215	CO11174	11.55	1 1-	4ACSR	0	0	521	160	11	1	1	0.00	3.97	0
CO11169	CO11279	11.62	10 1-	4ACSR	0	0	516	160	46	6	5	0.06	3.99	5
CO11305	CO11169	11.68	1 1-	4ACSR	0	0	511	159	0	0	0	0.00	3.99	0
CO11306	CO11305	11.75	0 1-	4ACSR	0	0	506	158	0	0	0	0.00	3.99	0
CO11170	CO11169	12.04	9 1-	4ACSR	0	0	487	156	46	6	5	0.12	4.11	9
CO11171	CO11170	12.20	8 1-	4ACSR	0	0	475	154	38	5	4	0.04	4.15	2
CO11207	CO11171	12.30	1 1-	4ACSR	0	0	469	153	5	0	1	0.00	4.15	0
CO11172	CO11171	12.27	7 1-	4ACSR	0	0	471	153	32	4	3	0.01	4.16	0
CO11310	CO11172	12.36	7 1-	4ACSR	0	0	465	153	32	4	3	0.02	4.18	0
CO11311	CO11310	12.39	6 1-	4ACSR	0	0	464	152	28	3	3	0.00	4.18	0
CO11312	CO11311	12.43	5 1-	4ACSR	0	0	460	152	27	3	3	0.01	4.19	0
CO11313	CO11312	12.48	5 1-	4ACSR	0	0	457	152	27	3	3	0.01	4.20	0
OC550317404	CO11313	12.48	5 1-	20 N FUSE	0	0	457	152	27	3	19	0.00	4.20	0
CO11319	OC550317404	12.59	0 1-	4ACSR	0	0	450	151	0	0	0	0.00	4.20	0
CO11320	CO11319	13.12	0 1-	4ACSR	0	0	419	146	0	0	0	0.00	4.20	0
CO17120	CO11320	13.55	0 1-	4ACSR	0	0	396	143	0	0	0	0.00	4.20	0
CO11497	CO17120	13.58	0 1-	4ACSR	0	0	394	142	0	0	0	0.00	4.20	0
CO11498	CO11497	13.66	0 1-	4ACSR	0	0	390	142	0	0	0	0.00	4.20	0
CO11321	CO11320	13.23	0 1-	4ACSR	0	0	413	145	0	0	0	0.00	4.20	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11322	CO11321	13.40	0 1-	4ACSR	0	0	404	144	0	0	0	0.00	4.20	0
CO11173	OC550317404	12.59	5 1-	4ACSR	0	0	451	151	27	3	3	0.02	4.21	0
CO11314	CO11173	12.92	4 1-	4ACSR	0	0	431	148	23	3	2	0.05	4.26	0
CO11317	CO11314	13.11	4 1-	4ACSR	0	0	420	146	23	3	2	0.03	4.29	0
CO11318	CO11317	13.13	4 1-	4ACSR	0	0	419	146	23	3	2	0.00	4.29	0
CO11209	CO11318	13.19	0 1-	4ACSR	0	0	416	146	0	0	0	0.00	4.29	0
CO11208	CO11318	13.17	1 1-	4ACSR	0	0	416	146	12	1	1	0.00	4.29	0
CO11315	CO11318	13.32	3 1-	4ACSR	0	0	408	144	11	1	1	0.01	4.30	0
CO11316	CO11315	13.39	2 1-	4ACSR	0	0	404	144	10	1	1	0.00	4.31	0
CO11210	CO11173	12.68	1 1-	4ACSR	0	0	445	150	4	0	0	0.00	4.22	0
CO11308	CO11172	12.32	0 1-	4ACSR	0	0	468	153	0	0	0	0.00	4.16	0
CO11309	CO11308	12.36	0 1-	4ACSR	0	0	465	153	0	0	0	0.00	4.16	0
CO11307	CO11309	12.45	0 1-	4ACSR	0	0	459	152	0	0	0	0.00	4.16	0
CO11355	CO11307	12.53	0 1-	4ACSR	0	0	454	151	0	0	0	0.00	4.16	0
CO11356	CO11355	12.54	0 1-	4ACSR	0	0	454	151	0	0	0	0.00	4.16	0
CO11303	CO11170	12.20	1 1-	4ACSR	0	0	476	154	8	1	1	0.01	4.12	0
CO11304	CO11303	12.32	1 1-	4ACSR	0	0	468	153	8	1	1	0.00	4.12	0
CO11197+	CO11195	10.92	216 3-	1/0ACSR	962	899	759	289	1135	26	11	0.02	3.20	28
CO11274+	CO11197	10.94	216 3-	1/0ACSR	960	897	758	289	1135	26	11	0.01	3.20	9
CO11275+	CO11274	11.11	215 3-	1/0ACSR	948	886	747	287	1133	26	11	0.04	3.24	65
CO11225+	CO11275	11.32	0 1-	1/0ACSR	0	0	734	285	0	0	0	0.00	3.24	0
CO11276+	CO11275	11.19	215 3-	1/0ACSR	943	881	742	287	1133	26	11	0.02	3.25	29
CO11277+	CO11276	11.28	215 3-	1/0ACSR	937	875	737	286	1133	26	11	0.02	3.28	35
CO17117+	CO11277	11.35	215 3-	1/0ACSR	932	871	733	285	1132	26	11	0.02	3.29	28
CO10983+	CO17117	11.45	215 3-	1/0ACSR	925	865	727	284	1132	26	11	0.02	3.31	39
CO10859+	CO10983	11.51	215 3-	1/0ACSR	922	861	723	284	1132	26	11	0.01	3.33	23
CO10984+	CO10859	11.51	215 3-	1/0ACSR	921	861	723	284	1132	26	11	0.00	3.33	3
OC306+	CO10984	11.51	212 3-	50 E OCR	921	861	723	284	1119	25	52	0.00	3.33	0
CO10985+	OC306	11.66	212 3-	1/0ACSR	911	852	714	283	1119	25	11	0.03	3.36	56
CO10861+	CO10985	11.83	212 3-	1/0ACSR	900	842	704	281	1119	25	11	0.04	3.40	66
CO10862+	CO10861	11.91	212 3-	1/0ACSR	895	837	700	281	1118	25	11	0.02	3.42	29
CO10863+	CO10862	12.01	212 3-	1/0ACSR	889	831	695	280	1118	25	11	0.02	3.44	37
CO10864+	CO10863	12.16	212 3-	1/0ACSR	880	823	687	278	1118	25	11	0.03	3.47	58
CO10878+	CO10864	12.23	1 1-	1/0ACSR	0	0	683	278	2	0	0	0.00	3.47	0
OC1070446677+	CO10878	12.23	1 1-	20 N FUSE	0	0	683	278	2	0	1	0.00	3.47	0
CO10934+	OC1070446677	12.27	1 1-	1/0ACSR	0	0	681	278	2	0	0	0.00	3.47	0
CO10935+	CO10934	12.37	0 1-	1/0ACSR	0	0	675	277	0	0	0	0.00	3.47	0
CO10879+	CO10935	12.43	0 1-	1/0ACSR	0	0	673	276	0	0	0	0.00	3.47	0
CO10880+	CO10879	12.53	0 1-	1/0ACSR	0	0	668	276	0	0	0	0.00	3.47	0
CO10851+	CO10864	12.24	211 3-	1/0ACSR	875	818	682	278	1116	25	11	0.02	3.49	31
CO10852+	CO10851	12.33	211 3-	1/0ACSR	870	814	678	277	1115	25	11	0.02	3.51	31
CO10853+	CO10852	12.51	211 3-	1/0ACSR	859	803	668	276	1115	25	11	0.04	3.55	72
CO10854+	CO10853	12.63	211 3-	1/0ACSR	852	797	663	275	1115	25	11	0.02	3.57	42
CO10896+	CO10854	12.72	191 3-	1/0ACSR	847	792	658	274	1030	23	10	0.02	3.59	31
CO10897+	CO10896	12.84	191 3-	1/0ACSR	840	786	652	273	1030	23	10	0.02	3.62	38
CO10872+	CO10897	12.90	2 1-	1/0ACSR	0	0	649	273	1	0	0	0.00	3.62	0
OC-2039095923+	CO10872	12.90	2 1-	20 N FUSE	0	0	649	273	1	0	0	0.00	3.62	0
CO10873+	OC-2039095923	13.04	2 1-	1/0ACSR	0	0	643	272	1	0	0	0.00	3.62	0
CO10898+	CO10897	12.94	189 3-	1/0ACSR	835	781	648	272	1029	23	10	0.02	3.64	31
CO10899+	CO10898	13.11	189 3-	1/0ACSR	825	772	639	271	1028	23	10	0.04	3.67	57
CO10900+	CO10899	13.19	189 3-	1/0ACSR	821	769	636	270	1028	23	10	0.01	3.69	23
CO10811+	CO10900	13.41	187 3-	1/0ACSR	809	758	626	269	1020	23	10	0.04	3.73	71

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10921+	CO10811	13.54	2 1-	4ACSR	0	0	618	267	16	1	1	0.00	3.73	0
OC1151894432+	CO10921	13.54	2 1-	20 N FUSE	0	0	618	267	16	1	6	0.00	3.73	0
CO10922+	OC1151894432	13.62	1 1-	4ACSR	0	0	613	266	9	0	0	0.00	3.73	0
CO10828+	OC1151894432	13.58	1 1-	4ACSR	0	0	615	266	7	0	0	0.00	3.73	0
CO10907+	CO10811	13.56	185 3-	1/0ACSR	801	750	619	268	1003	23	10	0.03	3.76	48
CO10908+	CO10907	13.66	185 3-	1/0ACSR	797	746	615	267	1003	23	10	0.02	3.78	29
CO10808+	CO10908	14.15	184 3-	1/0ACSR	772	724	594	263	999	23	10	0.10	3.88	149
CO10809+	CO10808	14.31	165 3-	1/0ACSR	765	716	588	262	914	21	9	0.03	3.91	42
CO10823+	CO10809	14.37	1 1-	1/0ACSR	0	0	586	262	11	0	0	0.00	3.91	0
OC1093969174+	CO10823	14.37	0 1-	20 N FUSE	0	0	586	262	0	0	0	0.00	3.91	0
CO10810+	CO10809	14.51	163 3-	1/0ACSR	756	708	580	261	892	20	9	0.03	3.94	48
CO17055+	CO10810	14.60	3 1-	1/0ACSR	0	0	577	260	11	0	0	0.00	3.94	0
OC285966146+	CO17055	14.60	0 1-	20 N FUSE	0	0	577	260	0	0	0	0.00	3.94	0
CO10901+	CO10810	14.53	160 3-	1/0ACSR	755	707	580	261	881	20	9	0.00	3.94	4
CO17057+	CO10901	14.60	160 3-	1/0ACSR	751	704	577	260	881	20	9	0.01	3.96	17
CO17262+	CO17057	14.61	2 1-	6ACWC	0	0	576	260	13	0	1	0.00	3.96	0
OC298+	CO17262	14.61	2 1-	10 N FUSE	0	0	576	260	13	0	9	0.00	3.96	0
CO17263+	OC298	14.64	2 1-	6ACWC	0	0	575	259	13	0	1	0.00	3.96	0
CO10902+	CO17263	14.79	2 1-	6ACWC	0	0	566	257	13	0	1	0.00	3.96	0
CO10869+	CO10902	14.88	1 1-	6ACWC	0	0	562	256	2	0	0	0.00	3.96	0
CO17056+	CO10869	14.95	1 1-	6ACWC	0	0	558	255	2	0	0	0.00	3.96	0
CO11043+	CO17056	14.99	1 1-	6ACWC	0	0	556	255	2	0	0	0.00	3.96	0
CO10930+	CO10902	14.92	1 1-	6ACWC	0	0	560	256	11	0	1	0.00	3.96	0
CO10931+	CO10930	14.99	0 1-	6ACWC	0	0	556	255	0	0	0	0.00	3.96	0
CO10868+	CO10931	15.08	0 1-	6ACWC	0	0	551	254	0	0	0	0.00	3.96	0
CO11044+	CO17057	14.68	157 3-	1/0ACSR	748	701	574	259	862	19	9	0.01	3.97	17
CO11045+	CO11044	14.72	156 3-	1/0ACSR	746	699	572	259	854	19	9	0.01	3.98	9
CO-676521584+	CO11045	14.80	0 1-	2ACSR	0	0	569	258	0	0	0	0.00	3.98	0
CO11020+	CO11045	14.76	2 1-	1/0ACSR	0	0	571	259	3	0	0	0.00	3.98	0
CO11046+	CO11045	14.86	154 3-	1/0ACSR	740	693	567	258	851	19	9	0.02	4.00	32
CO11047+	CO11046	15.18	154 3-	1/0ACSR	726	680	555	256	851	19	9	0.05	4.05	72
CO11048+	CO11047	15.22	153 3-	1/0ACSR	724	679	554	256	851	19	9	0.01	4.06	9
CO11031+	CO11048	15.33	1 1-	2ACSR	0	0	549	255	7	0	0	0.00	4.06	0
OC1242204064+	CO11031	15.33	0 1-	20 N FUSE	0	0	549	255	0	0	0	0.00	4.06	0
CO11049+	CO11048	15.47	152 3-	1/0ACSR	714	669	545	254	843	19	8	0.04	4.10	55
CO11143+	CO11049	15.50	151 3-	1/0ACSR	712	668	544	254	842	19	8	0.01	4.11	7
CO11144+	CO11143	15.58	150 3-	1/0ACSR	709	665	542	253	834	19	8	0.01	4.12	17
CO11050+	CO11144	16.02	150 3-	1/0ACSR	691	649	527	250	834	19	8	0.07	4.19	95
CO11041+	CO11050	16.14	26 1-	6ACWC	0	0	522	249	116	8	6	0.02	4.21	4
XFMR102	CO11041	16.14	25 1-	167 KVA 1PH AUT	0	0	484	158	110	7	66	0.38	4.59	0
CO11042	XFMR102	16.19	25 1-	6ACWC	0	0	481	158	110	15	11	0.03	4.62	6
CO11154	CO11042	16.20	24 1-	6ACWC	0	0	481	158	99	13	10	0.00	4.63	0
OC309	CO11154	16.20	24 1-	25 H OCR	0	0	481	158	99	13	55	0.00	4.63	0
CO11155	OC309	16.22	24 1-	6ACWC	0	0	479	158	99	13	10	0.01	4.64	0
CO11040	CO11155	16.34	23 1-	6ACWC	0	0	472	156	98	13	10	0.07	4.71	12
CO11039	CO11040	16.40	22 1-	6ACWC	0	0	468	156	95	13	10	0.04	4.75	6
CO11026	CO11039	16.56	1 1-	2ACSR	0	0	460	155	2	0	0	0.00	4.75	0
CO11038	CO11039	16.67	21 1-	6ACWC	0	0	452	153	94	13	9	0.16	4.91	25
CO10995	CO11038	16.90	19 1-	6ACWC	0	0	439	151	86	12	9	0.12	5.03	17
CO10996	CO10995	17.13	17 1-	6ACWC	0	0	426	149	77	10	8	0.11	5.14	14
CO17044	CO10996	17.79	15 1-	6ACWC	0	0	392	144	69	9	7	0.28	5.42	32
CO10733	CO17044	17.91	3 1-	6ACWC	0	0	386	143	15	2	2	0.01	5.43	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10732	CO10733	18.11	3 1-	6ACWC	0	0	377	141	15	2	2	0.02	5.45	0
CO17050	CO10732	18.31	2 1-	6ACWC	0	0	368	140	15	2	1	0.02	5.47	0
CO10870	CO17050	18.38	2 1-	6ACWC	0	0	365	139	15	2	1	0.01	5.47	0
CO10871	CO10870	18.43	1 1-	6ACWC	0	0	363	139	8	1	1	0.00	5.48	0
CO10723	CO10732	18.59	1 1-	2ACSR	0	0	359	139	0	0	0	0.00	5.45	0
CO10766	CO17044	17.86	12 1-	6ACWC	0	0	389	143	54	7	5	0.02	5.44	0
OC-1343220304	CO10766	17.86	11 1-	20 N FUSE	0	0	389	143	54	7	38	0.00	5.44	0
CO10767	OC-1343220304	18.01	11 1-	6ACWC	0	0	381	142	54	7	5	0.05	5.49	5
CO10699	CO10767	18.18	1 1-	6ACWC	0	0	374	141	0	0	0	0.00	5.49	0
CO10728	CO10767	18.27	7 1-	6ACWC	0	0	369	140	35	4	4	0.06	5.55	3
CO10727	CO10728	18.32	6 1-	6ACWC	0	0	367	140	27	3	3	0.01	5.56	0
CO10677	CO10727	18.43	2 1-	6ACWC	0	0	362	139	10	1	1	0.01	5.57	0
CO10695	CO10677	18.45	1 1-	6ACWC	0	0	361	139	8	1	1	0.00	5.57	0
CO10770	CO10677	18.66	1 1-	6ACWC	0	0	353	137	2	0	0	0.00	5.57	0
CO10771	CO10770	19.05	0 1-	6ACWC	0	0	337	134	0	0	0	0.00	5.57	0
CO10748	CO10677	18.52	0 1-	6ACWC	0	0	358	138	0	0	0	0.00	5.57	0
CO10747	CO10748	18.60	0 1-	6ACWC	0	0	355	138	0	0	0	0.00	5.57	0
CO10676	CO10727	18.38	4 1-	6ACWC	0	0	365	139	17	2	2	0.01	5.57	0
CO10731	CO10676	18.44	4 1-	6ACWC	0	0	362	139	17	2	2	0.00	5.57	0
CO10730	CO10731	18.60	2 1-	6ACWC	0	0	355	138	5	0	0	0.00	5.57	0
CO10729	CO10730	18.69	2 1-	6ACWC	0	0	351	137	5	0	0	0.00	5.58	0
CO10697	CO10729	18.74	1 1-	6ACWC	0	0	350	137	5	0	0	0.00	5.58	0
CO10696	CO10729	18.81	1 1-	6ACWC	0	0	347	136	0	0	0	0.00	5.58	0
CO10722	CO10728	18.33	1 1-	2ACSR	0	0	367	140	9	1	1	0.00	5.55	0
CO10768	CO10767	18.05	3 1-	6ACWC	0	0	379	142	18	2	2	0.00	5.50	0
CO10769	CO10768	18.10	1 1-	6ACWC	0	0	377	141	3	0	0	0.00	5.50	0
CO10749	CO10769	18.33	1 1-	6ACWC	0	0	367	140	3	0	0	0.00	5.50	0
CO17054	CO10996	17.32	1 1-	6ACWC	0	0	416	148	6	0	1	0.00	5.14	0
CO11010	CO10996	17.40	1 1-	6ACWC	0	0	411	147	1	0	0	0.00	5.14	0
CO11032	CO10995	17.11	2 1-	6ACWC	0	0	427	149	10	1	1	0.01	5.03	0
CO11033	CO11032	17.19	1 1-	6ACWC	0	0	423	149	0	0	0	0.00	5.03	0
CO11034	CO11033	17.26	1 1-	6ACWC	0	0	419	148	0	0	0	0.00	5.03	0
CO11036	CO11038	16.70	2 1-	6ACWC	0	0	450	153	7	1	1	0.00	4.91	0
CO11037	CO11036	16.78	1 1-	6ACWC	0	0	446	152	1	0	0	0.00	4.91	0
CO11012	CO11037	16.84	1 1-	6ACWC	0	0	442	152	1	0	0	0.00	4.91	0
CO11035	CO11037	16.86	0 1-	6ACWC	0	0	441	152	0	0	0	0.00	4.91	0
CO11013	CO11038	16.72	0 1-	6ACWC	0	0	449	153	0	0	0	0.00	4.91	0
CO11030	CO11040	16.40	1 1-	2ACSR	0	0	469	156	3	0	0	0.00	4.71	0
CO11011	CO11042	16.26	0 1-	6ACWC	0	0	477	157	0	0	0	0.00	4.62	0
CO11051+	CO11050	16.10	124 3-	1/0ACSR	689	646	525	250	717	16	7	0.01	4.20	11
CO11052+	CO11051	16.19	124 3-	1/0ACSR	685	643	522	249	717	16	7	0.01	4.22	15
CO11053+	CO11052	16.24	123 3-	1/0ACSR	683	641	520	249	709	16	7	0.01	4.22	7
CO10997+	CO11053	16.31	120 3-	1/0ACSR	681	639	518	248	693	16	7	0.01	4.23	11
CO11150+	CO10997	16.42	118 3-	1/0ACSR	677	635	515	248	684	15	7	0.01	4.25	15
CO11151+	CO11150	16.51	116 3-	1/0ACSR	673	632	512	247	679	15	7	0.01	4.26	13
CO11149+	CO11151	16.62	115 3-	1/0ACSR	669	628	509	246	668	15	7	0.01	4.28	15
CO10998+	CO11149	16.76	114 3-	1/0ACSR	664	623	505	245	662	15	7	0.02	4.29	19
CO11060+	CO10998	16.88	111 3-	1/0ACSR	659	619	501	245	645	14	7	0.02	4.31	16
CO11061+	CO11060	17.01	111 3-	1/0ACSR	655	615	497	244	645	14	7	0.02	4.33	17
CO10999+	CO11061	17.11	76 3-	1/0ACSR	652	612	495	243	324	7	3	0.01	4.33	3
CO11156+	CO10999	17.12	15 1-	4ACSR	0	0	494	243	76	5	4	0.00	4.33	0
OC310+	CO11156	17.12	15 1-	35 E OCR	0	0	494	243	76	5	15	0.00	4.33	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11157+	OC310	17.25	15 1-	4ACSR	0	0	489	241	76	5	4	0.02	4.35	0
CO11100+	CO11157	17.32	15 1-	4ACSR	0	0	486	241	76	5	4	0.01	4.36	0
CO11000+	CO11100	17.44	14 1-	4ACSR	0	0	481	239	76	5	4	0.01	4.37	0
CO11021+	CO11000	17.50	1 1-	4ACSR	0	0	479	239	11	0	1	0.00	4.37	0
CO11164+	CO11000	17.68	13 1-	4ACSR	0	0	472	237	65	4	3	0.02	4.40	3
CO11094+	CO11164	17.72	13 1-	4ACSR	0	0	470	236	65	4	3	0.00	4.40	0
CO11003+	CO11094	17.80	1 1-	4ACSR	0	0	468	235	2	0	0	0.00	4.40	0
CO10986+	CO11094	17.78	11 1-	4ACSR	0	0	468	235	52	3	3	0.00	4.40	0
CO11089+	CO10986	17.83	10 1-	4ACSR	0	0	466	235	48	3	2	0.00	4.41	0
CO11090+	CO11089	17.94	8 1-	4ACSR	0	0	462	234	45	3	2	0.01	4.42	0
CO10987+	CO11090	18.03	5 1-	4ACSR	0	0	459	233	20	1	1	0.00	4.42	0
CO10994+	CO10987	18.08	3 1-	4ACSR	0	0	457	232	20	1	1	0.00	4.42	0
CO11009+	CO10994	18.11	1 1-	4ACSR	0	0	456	232	10	0	1	0.00	4.42	0
CO10993+	CO10994	18.17	2 1-	4ACSR	0	0	454	231	10	0	1	0.00	4.42	0
CO11002+	CO10993	18.24	1 1-	4ACSR	0	0	451	231	7	0	0	0.00	4.42	0
CO10988+	CO10993	18.40	1 1-	4ACSR	0	0	446	229	3	0	0	0.00	4.42	0
CO11152+	CO10988	18.78	0 1-	4ACSR	0	0	433	225	0	0	0	0.00	4.42	0
OC718109559+	CO11152	18.78	0 1-	20 N FUSE	0	0	433	225	0	0	0	0.00	4.42	0
CO11153+	OC718109559	18.95	0 1-	4ACSR	0	0	427	223	0	0	0	0.00	4.42	0
CO11085+	CO10988	18.85	1 1-	4ACSR	0	0	430	224	3	0	0	0.00	4.42	0
CO10989+	CO10988	18.97	0 1-	4ACSR	0	0	427	223	0	0	0	0.00	4.42	0
CO11087+	CO10987	18.17	2 1-	4ACSR	0	0	454	231	0	0	0	0.00	4.42	0
CO11088+	CO11087	18.33	2 1-	4ACSR	0	0	448	230	0	0	0	0.00	4.42	0
CO11091+	CO11090	18.00	2 1-	4ACSR	0	0	460	233	16	1	1	0.00	4.42	0
CO11092+	CO11091	18.06	1 1-	4ACSR	0	0	458	232	14	0	1	0.00	4.42	0
CO11093+	CO11092	18.13	1 1-	4ACSR	0	0	455	232	14	0	1	0.00	4.42	0
CO11004+	CO10986	17.91	1 1-	4ACSR	0	0	463	234	4	0	0	0.00	4.41	0
CO11095+	CO11100	17.38	1 1-	4ACSR	0	0	484	240	0	0	0	0.00	4.36	0
CO11096+	CO11095	17.42	1 1-	4ACSR	0	0	482	240	0	0	0	0.00	4.36	0
CO11097+	CO11096	17.48	1 1-	4ACSR	0	0	480	239	0	0	0	0.00	4.36	0
CO11098+	CO11097	17.61	1 1-	4ACSR	0	0	475	237	0	0	0	0.00	4.36	0
CO11099+	CO11098	17.70	1 1-	4ACSR	0	0	471	236	0	0	0	0.00	4.36	0
CO11101+	CO10999	17.32	61 1-	4ACSR	0	0	486	241	248	17	12	0.08	4.42	34
XFMR100	CO11101	17.32	61 1-	333 KVA 1PH AUT	0	0	590	160	248	17	75	0.55	4.96	0
CO11102	XFMR100	17.49	61 1-	4ACSR	0	0	574	158	248	34	25	0.26	5.22	107
CO11158	CO11102	17.50	61 1-	4ACSR	0	0	573	158	247	34	25	0.01	5.23	4
OC312	CO11158	17.50	61 1-	50 H OCR	0	0	573	158	247	34	69	0.00	5.23	0
CO11159	OC312	17.51	61 1-	4ACSR	0	0	572	158	247	34	25	0.02	5.26	10
CO11162	CO11159	17.53	61 1-	4ACSR	0	0	569	158	247	34	25	0.03	5.29	14
CO11163	CO11162	17.58	60 1-	4ACSR	0	0	565	158	243	34	24	0.07	5.36	28
CO11103	CO11163	17.65	60 1-	4ACSR	0	0	558	157	243	34	24	0.11	5.47	45
CO11106	CO11103	17.70	60 1-	4ACSR	0	0	554	156	242	34	24	0.07	5.54	29
CO11107	CO11106	17.80	59 1-	4ACSR	0	0	545	155	242	33	24	0.15	5.69	61
CO11111	CO11107	18.08	56 1-	4ACSR	0	0	519	153	230	32	23	0.41	6.10	158
CO11113	CO11111	18.10	3 1-	4ACSR	0	0	518	153	24	3	2	0.00	6.11	0
CO11116	CO11113	18.18	3 1-	4ACSR	0	0	511	152	24	3	2	0.01	6.12	0
CO11114	CO11116	18.24	1 1-	2ACSR	0	0	507	152	9	1	1	0.00	6.12	0
CO11115	CO11114	18.33	1 1-	2ACSR	0	0	501	151	9	1	1	0.00	6.12	0
CO11117	CO11116	18.23	1 1-	4ACSR	0	0	507	152	12	1	1	0.00	6.12	0
CO11112	CO11111	18.20	53 1-	4ACSR	0	0	509	152	205	28	21	0.16	6.26	54
CO11001	CO11112	18.34	4 1-	4ACSR	0	0	498	151	13	1	1	0.01	6.27	0
CO11120	CO11001	18.45	2 1-	4ACSR	0	0	489	150	9	1	1	0.01	6.28	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL17119	COL1120	18.48	2 1-	4ACSR	0	0	487	149	9	1	1	0.00	6.28	0
COL11424	COL17119	18.54	2 1-	4ACSR	0	0	482	149	9	1	1	0.00	6.28	0
COL11425	COL11424	18.63	1 1-	4ACSR	0	0	475	148	8	1	1	0.00	6.29	0
COL11118	COL11001	18.43	2 1-	4ACSR	0	0	490	150	5	0	0	0.00	6.27	0
COL11119	COL11118	18.52	1 1-	4ACSR	0	0	484	149	2	0	0	0.00	6.27	0
COL11121	COL11112	18.30	49 1-	4ACSR	0	0	501	151	191	26	19	0.12	6.38	38
COL11122	COL11121	18.40	49 1-	4ACSR	0	0	493	150	191	26	19	0.12	6.50	39
COL11123	COL11122	18.45	48 1-	4ACSR	0	0	489	150	191	26	19	0.07	6.57	22
COL17118	COL11123	18.61	46 1-	4ACSR	0	0	476	148	188	26	19	0.19	6.75	59
COL11399	COL17118	18.84	2 1-	4ACSR	0	0	460	146	12	1	1	0.02	6.77	0
COL11398	COL11399	18.90	2 1-	4ACSR	0	0	456	146	12	1	1	0.00	6.77	0
COL11427	COL11398	18.94	1 1-	4ACSR	0	0	452	145	9	1	1	0.00	6.78	0
COL11426	COL11427	19.00	0 1-	4ACSR	0	0	448	145	0	0	0	0.00	6.78	0
COL11375	COL11398	18.93	1 1-	4ACSR	0	0	453	146	3	0	0	0.00	6.77	0
COL11369	COL17118	18.77	44 1-	4ACSR	0	0	465	147	176	24	18	0.17	6.93	51
COL11370	COL11369	18.85	43 1-	4ACSR	0	0	459	146	172	24	17	0.09	7.02	26
COL11428	COL11370	19.00	8 1-	4ACSR	0	0	448	145	32	4	3	0.03	7.05	0
COL11376	COL11428	19.09	3 1-	4ACSR	0	0	443	144	19	2	2	0.00	7.05	0
COL11430	COL11428	19.06	3 1-	4ACSR	0	0	444	144	10	1	1	0.00	7.05	0
COL11429	COL11430	19.13	3 1-	4ACSR	0	0	440	144	10	1	1	0.00	7.05	0
COL11401	COL11370	18.89	35 1-	4ACSR	0	0	456	146	140	19	14	0.04	7.06	9
COL11400	COL11401	18.97	34 1-	4ACSR	0	0	451	145	137	19	14	0.06	7.12	15
COL11449	COL11400	18.97	31 1-	4ACSR	0	0	450	145	130	18	13	0.01	7.13	0
OC316	COL11449	18.97	31 1-	25 H OCR	0	0	450	145	130	18	74	0.00	7.13	0
COL11450	OC316	19.09	31 1-	4ACSR	0	0	443	144	130	18	13	0.09	7.22	21
COL11404	COL11450	19.14	30 1-	4ACSR	0	0	439	144	130	18	13	0.05	7.27	10
COL11403	COL11404	19.29	29 1-	4ACSR	0	0	429	143	128	18	13	0.12	7.39	26
COL11402	COL11403	19.35	28 1-	4ACSR	0	0	426	142	126	18	13	0.04	7.43	9
COL11408	COL11402	19.45	26 1-	4ACSR	0	0	419	141	104	14	11	0.07	7.50	13
OC1896634205	COL11408	19.45	26 1-	20 N FUSE	0	0	419	141	104	14	74	0.00	7.50	0
COL11406	OC1896634205	20.02	26 1-	4ACSR	0	0	387	137	104	14	11	0.37	7.88	66
COL11405	COL11406	20.07	23 1-	4ACSR	0	0	384	137	102	14	10	0.03	7.91	5
COL11407	COL11405	20.11	22 1-	4ACSR	0	0	382	136	99	14	10	0.03	7.94	5
COL11371	COL11407	20.15	21 1-	4ACSR	0	0	380	136	96	13	10	0.02	7.96	4
COL11414	COL11371	20.17	3 1-	4ACSR	0	0	379	136	14	2	1	0.00	7.96	0
COL11413	COL11414	20.34	3 1-	4ACSR	0	0	370	135	14	2	1	0.02	7.98	0
COL11382	COL11413	20.43	1 1-	4ACSR	0	0	366	134	6	0	1	0.00	7.98	0
COL11447	COL11413	20.45	2 1-	4ACSR	0	0	365	134	9	1	1	0.01	7.98	0
COL11446	COL11447	20.54	1 1-	4ACSR	0	0	360	133	8	1	1	0.00	7.98	0
COL11410	COL11371	20.28	18 1-	4ACSR	0	0	373	135	82	11	8	0.06	8.02	9
COL11409	COL11410	20.33	17 1-	4ACSR	0	0	371	135	75	10	8	0.03	8.05	4
COL11438	COL11409	20.52	0 1-	4ACSR	0	0	361	134	0	0	0	0.00	8.05	0
COL11437	COL11438	20.61	0 1-	4ACSR	0	0	358	133	0	0	0	0.00	8.05	0
COL11372	COL11409	20.57	16 1-	4ACSR	0	0	359	133	75	10	8	0.11	8.16	15
COL11373	COL11372	20.67	14 1-	4ACSR	0	0	355	133	63	8	6	0.04	8.20	4
COL11412	COL11373	20.75	14 1-	4ACSR	0	0	351	132	63	8	6	0.03	8.23	4
COL11411	COL11412	20.76	13 1-	4ACSR	0	0	350	132	60	8	6	0.00	8.24	0
COL11443	COL11411	20.81	10 1-	4ACSR	0	0	348	132	44	6	4	0.01	8.25	0
COL11445	COL11443	20.82	8 1-	4ACSR	0	0	348	132	23	3	2	0.00	8.25	0
COL11444	COL11445	20.85	4 1-	4ACSR	0	0	346	131	5	0	1	0.00	8.25	0
COL11381	COL11443	20.90	2 1-	4ACSR	0	0	344	131	20	2	2	0.01	8.26	0
COL11442	COL11411	20.83	1 1-	4ACSR	0	0	347	131	5	0	1	0.00	8.24	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL11380	COL1442	20.87	1 1-	4ACSR	0	0	346	131	5	0	1	0.00	8.24	0
COL1441	COL1442	20.93	0 1-	4ACSR	0	0	343	131	0	0	0	0.00	8.24	0
COL1440	COL1411	20.83	2 1-	4ACSR	0	0	347	131	11	1	1	0.01	8.24	0
COL1439	COL1440	20.85	2 1-	4ACSR	0	0	346	131	11	1	1	0.00	8.25	0
COL11379	COL1439	20.91	0 1-	4ACSR	0	0	344	131	0	0	0	0.00	8.25	0
COL11378	COL1373	20.75	0 1-	4ACSR	0	0	351	132	0	0	0	0.00	8.20	0
COL11434	COL1372	20.65	2 1-	4ACSR	0	0	355	133	12	1	1	0.01	8.17	0
COL11436	COL1434	20.72	2 1-	4ACSR	0	0	352	132	12	1	1	0.01	8.18	0
COL11435	COL1436	20.78	2 1-	4ACSR	0	0	349	132	12	1	1	0.00	8.18	0
COL11433	COL1434	20.72	0 1-	4ACSR	0	0	352	132	0	0	0	0.00	8.17	0
COL11383	COL1407	20.20	1 1-	4ACSR	0	0	377	136	3	0	0	0.00	7.94	0
COL11448	COL1402	19.58	2 1-	4ACSR	0	0	411	140	22	3	2	0.03	7.46	0
OC1801175040	COL1448	19.58	2 1-	20 N FUSE	0	0	411	140	22	3	16	0.00	7.46	0
COL11365	OC1801175040	19.68	2 1-	4ACSR	0	0	406	140	22	3	2	0.01	7.48	0
COL11367	COL1365	20.10	2 1-	4ACSR	0	0	382	136	22	3	2	0.06	7.54	2
COL11393	COL1367	20.22	2 1-	4ACSR	0	0	376	136	22	3	2	0.02	7.55	0
COL11388	COL1393	20.32	2 1-	4ACSR	0	0	371	135	22	3	2	0.01	7.57	0
COL11392	COL1388	20.38	1 1-	4ACSR	0	0	368	135	11	1	1	0.00	7.57	0
COL11389	COL1392	20.43	1 1-	4ACSR	0	0	366	134	11	1	1	0.00	7.57	0
COL11391	COL1389	20.52	1 1-	4ACSR	0	0	362	134	11	1	1	0.01	7.58	0
COL11390	COL1391	20.64	1 1-	4ACSR	0	0	356	133	11	1	1	0.00	7.58	0
COL11385	COL1367	20.44	0 1-	4ACSR	0	0	365	134	0	0	0	0.00	7.54	0
COL11387	COL1385	20.56	0 1-	4ACSR	0	0	360	133	0	0	0	0.00	7.54	0
COL11386	COL1387	20.60	0 1-	4ACSR	0	0	358	133	0	0	0	0.00	7.54	0
COL11366	COL1365	20.06	0 1-	4ACSR	0	0	385	137	0	0	0	0.00	7.48	0
COL11374	OC1801175040	19.68	0 1-	4ACSR	0	0	406	140	0	0	0	0.00	7.46	0
COL1432	COL1400	19.17	3 1-	4ACSR	0	0	437	144	7	0	1	0.01	7.13	0
COL1431	COL1432	19.20	2 1-	4ACSR	0	0	435	143	5	0	0	0.00	7.13	0
COL11377	COL1369	18.91	1 1-	4ACSR	0	0	455	146	4	0	0	0.00	6.93	0
COL11109	COL1107	17.81	3 1-	4ACSR	0	0	543	155	12	1	1	0.00	5.69	0
COL11110	COL1109	17.90	3 1-	4ACSR	0	0	535	155	12	1	1	0.01	5.70	0
COL11028	COL1110	18.01	1 1-	2ACSR	0	0	527	154	10	1	1	0.00	5.70	0
COL11108	COL1110	18.17	2 1-	4ACSR	0	0	512	152	2	0	0	0.00	5.70	0
COL11019	COL1108	18.31	1 1-	4ACSR	0	0	500	151	0	0	0	0.00	5.70	0
COL11018	COL1108	18.29	1 1-	4ACSR	0	0	502	151	2	0	0	0.00	5.70	0
COL11017	COL1108	18.29	0 1-	4ACSR	0	0	502	151	0	0	0	0.00	5.70	0
COL11104	COL1106	17.74	1 1-	4ACSR	0	0	549	156	0	0	0	0.00	5.54	0
COL11105	COL1104	17.81	1 1-	4ACSR	0	0	543	155	0	0	0	0.00	5.54	0
COL11160+	COL1061	17.02	35 1-	4ACSR	0	0	497	244	321	22	16	0.00	4.33	0
OC311+	COL1160	17.02	35 1-	35 E OCR	0	0	497	244	321	22	64	0.00	4.33	0
COL11161+	OC311	17.29	35 1-	4ACSR	0	0	486	240	321	22	16	0.13	4.46	70
COL11062+	COL1161	17.35	34 1-	4ACSR	0	0	484	240	311	21	15	0.03	4.49	13
COL11063+	COL1062	17.41	33 1-	4ACSR	0	0	481	239	301	20	15	0.03	4.52	14
COL11065+	COL1063	17.46	31 1-	4ACSR	0	0	479	239	284	19	14	0.02	4.54	11
COL11027+	COL1065	17.49	1 1-	2ACSR	0	0	478	238	5	0	0	0.00	4.54	0
COL11066+	COL1065	17.52	28 1-	4ACSR	0	0	477	238	265	18	13	0.02	4.56	10
COL11064+	COL1066	17.55	28 1-	4ACSR	0	0	476	238	265	18	13	0.01	4.58	6
COL11067+	COL1064	17.63	28 1-	4ACSR	0	0	473	237	265	18	13	0.03	4.61	15
COL11068+	COL1067	17.72	28 1-	4ACSR	0	0	469	236	265	18	13	0.04	4.65	17
COL10990+	COL1068	17.83	28 1-	4ACSR	0	0	465	234	265	18	13	0.04	4.69	19
COL10991+	COL10990	17.97	28 1-	4ACSR	0	0	460	233	265	18	13	0.06	4.75	25
COL11137+	COL10991	18.21	17 1-	2ACSR	0	0	453	231	190	13	7	0.05	4.80	14

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11135+	CO11137	18.27	2 1-	2ACSR	0	0	451	231	29	2	1	0.00	4.80	0
CO11136+	CO11135	18.40	2 1-	2ACSR	0	0	447	230	29	2	1	0.00	4.80	0
CO11138+	CO11137	18.32	14 1-	2ACSR	0	0	450	230	147	10	6	0.02	4.81	4
CO11025+	CO11138	18.41	1 1-	2ACSR	0	0	447	229	14	0	1	0.00	4.82	0
CO11139+	CO11138	18.44	13 1-	2ACSR	0	0	446	229	133	9	5	0.02	4.83	4
CO11130+	CO11139	18.49	1 1-	2ACSR	0	0	445	229	12	0	0	0.00	4.83	0
CO11131+	CO11130	18.53	1 1-	2ACSR	0	0	444	229	12	0	0	0.00	4.83	0
CO11029+	CO11130	18.53	0 1-	2ACSR	0	0	444	229	0	0	0	0.00	4.83	0
CO11140+	CO11139	18.56	11 1-	2ACSR	0	0	443	228	120	8	5	0.01	4.85	2
CO11128+	CO11140	18.63	10 1-	2ACSR	0	0	441	228	103	7	4	0.01	4.85	0
CO11129+	CO11128	18.67	8 1-	2ACSR	0	0	440	228	81	5	3	0.00	4.86	0
CO11024+	CO11129	18.73	4 1-	2ACSR	0	0	438	227	54	3	2	0.00	4.86	0
CO11132+	CO11024	18.78	4 1-	2ACSR	0	0	437	227	54	3	2	0.00	4.86	0
CO11023+	CO11132	18.81	2 1-	2ACSR	0	0	436	226	26	1	1	0.00	4.86	0
CO11133+	CO11132	18.86	2 1-	2ACSR	0	0	435	226	28	1	1	0.00	4.87	0
CO11134+	CO11133	18.93	1 1-	2ACSR	0	0	433	226	16	1	1	0.00	4.87	0
CO11141+	CO11134	18.99	1 1-	2ACSR	0	0	432	225	16	1	1	0.00	4.87	0
CO11142+	CO11141	19.02	0 1-	2ACSR	0	0	431	225	0	0	0	0.00	4.87	0
CO11127+	CO11129	18.72	4 1-	2ACSR	0	0	439	227	28	1	1	0.00	4.86	0
CO11126+	CO11127	18.80	2 1-	2ACSR	0	0	436	227	14	0	1	0.00	4.86	0
CO11125+	CO11126	18.88	2 1-	2ACSR	0	0	434	226	14	0	1	0.00	4.86	0
CO11124+	CO11125	18.92	1 1-	2ACSR	0	0	433	226	14	0	1	0.00	4.86	0
CO10992+	CO10991	18.10	10 1-	4ACSR	0	0	455	231	65	4	3	0.01	4.76	0
CO11071+	CO10992	18.22	10 1-	4ACSR	0	0	451	230	65	4	3	0.01	4.78	0
CO11072+	CO11071	18.31	10 1-	4ACSR	0	0	448	229	65	4	3	0.01	4.78	0
CO11007+	CO11072	18.38	0 1-	4ACSR	0	0	445	229	0	0	0	0.00	4.78	0
CO11075+	CO11072	18.35	9 1-	4ACSR	0	0	446	229	62	4	3	0.00	4.79	0
CO11076+	CO11075	18.38	8 1-	4ACSR	0	0	445	229	53	3	3	0.00	4.79	0
CO11077+	CO11076	18.68	8 1-	4ACSR	0	0	435	225	53	3	3	0.02	4.82	2
CO11078+	CO11077	18.73	8 1-	4ACSR	0	0	433	225	53	3	3	0.00	4.82	0
CO11006+	CO11078	18.78	1 1-	4ACSR	0	0	432	224	7	0	0	0.00	4.82	0
CO11079+	CO11078	18.78	5 1-	4ACSR	0	0	432	224	43	2	2	0.00	4.82	0
CO11080+	CO11079	18.84	5 1-	4ACSR	0	0	430	224	43	2	2	0.00	4.83	0
CO11005+	CO11080	18.91	1 1-	4ACSR	0	0	428	223	10	0	1	0.00	4.83	0
CO11083+	CO11080	19.03	1 1-	4ACSR	0	0	424	222	10	0	0	0.00	4.83	0
OC529867064+	CO11083	19.03	0 1-	20 N FUSE	0	0	424	222	0	0	0	0.00	4.83	0
CO11084+	OC529867064	19.22	0 1-	4ACSR	0	0	418	220	0	0	0	0.00	4.83	0
CO11081+	CO11080	18.90	2 1-	2ACSR	0	0	428	223	16	1	1	0.00	4.83	0
CO-1263606689+	CO11081	18.96	1 1-	2ACSR	0	0	427	223	2	0	0	0.00	4.83	0
CO309294455+	CO-1263606689	19.07	1 1-	2ACSR	0	0	424	222	2	0	0	0.00	4.83	0
CO-1631568337+	CO-1263606689	18.97	0 1-	2ACSR	0	0	426	223	0	0	0	0.00	4.83	0
CO11073+	CO11072	18.34	1 1-	4ACSR	0	0	447	229	3	0	0	0.00	4.78	0
CO11074+	CO11073	18.39	1 1-	4ACSR	0	0	445	228	3	0	0	0.00	4.78	0
CO11008+	CO10990	17.94	0 1-	4ACSR	0	0	461	233	0	0	0	0.00	4.69	0
CO11022+	CO11008	18.12	0 1-	4ACSR	0	0	455	231	0	0	0	0.00	4.69	0
CO11070+	CO11022	18.23	0 1-	4ACSR	0	0	451	230	0	0	0	0.00	4.69	0
CO11069+	CO11070	18.31	0 1-	4ACSR	0	0	448	229	0	0	0	0.00	4.69	0
CO11165+	CO11068	17.82	0 1-	4ACSR	0	0	465	235	0	0	0	0.00	4.65	0
CO11058+	CO10998	16.84	3 1-	1/0ACSR	0	0	502	245	17	1	1	0.00	4.29	0
OC1108233472+	CO11058	16.84	2 1-	20 N FUSE	0	0	502	245	7	0	2	0.00	4.29	0
CO11059+	OC1108233472	16.91	2 1-	1/0ACSR	0	0	500	244	7	0	0	0.00	4.30	0
CO11015+	CO11149	16.69	1 1-	1/0ACSR	0	0	507	246	6	0	0	0.00	4.28	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC1731831040+	CO11015	16.69	0 1-	20 N FUSE	0	0	507	246	0	0	0	0.00	4.28	0
CO11016+	CO10997	16.40	2 1-	1/0ACSR	0	0	515	248	8	0	0	0.00	4.23	0
OC2054842813+	CO11016	16.40	0 1-	20 N FUSE	0	0	515	248	0	0	0	0.00	4.23	0
CO11056+	CO11053	16.46	3 1-	4ACSR	0	0	510	246	17	1	1	0.01	4.23	0
OC-324565495+	CO11056	16.46	3 1-	20 N FUSE	0	0	510	246	17	1	6	0.00	4.23	0
CO11057+	OC-324565495	16.53	3 1-	4ACSR	0	0	507	245	17	1	1	0.00	4.23	0
CO11055+	CO11057	16.74	3 1-	4ACSR	0	0	499	243	17	1	1	0.01	4.24	0
CO11054+	CO11055	16.91	3 1-	4ACSR	0	0	491	241	17	1	1	0.00	4.24	0
CO11145+	CO11054	17.04	3 1-	4ACSR	0	0	486	239	17	1	1	0.00	4.25	0
CO11146+	CO11145	17.13	2 1-	4ACSR	0	0	482	238	16	1	1	0.00	4.25	0
CO11147+	CO11146	17.20	1 1-	4ACSR	0	0	480	237	8	0	0	0.00	4.25	0
CO11148+	CO11147	17.26	1 1-	4ACSR	0	0	477	237	8	0	0	0.00	4.25	0
CO11014+	CO11054	17.03	0 1-	4ACSR	0	0	486	239	0	0	0	0.00	4.24	0
CO10976+	CO10808	14.15	19 1-	6ACWC	0	0	594	263	84	5	4	0.00	3.88	0
OC305+	CO10976	14.15	19 1-	25 E OCR	0	0	594	263	84	5	23	0.00	3.88	0
CO10977+	OC305	14.18	19 1-	6ACWC	0	0	592	263	84	5	4	0.00	3.88	0
CO10905+	CO10977	14.24	19 1-	6ACWC	0	0	589	262	84	5	4	0.01	3.89	0
CO10906+	CO10905	14.50	17 1-	6ACWC	0	0	575	259	84	5	4	0.03	3.92	5
CO17114+	CO10906	14.69	17 1-	6ACWC	0	0	565	256	84	5	4	0.02	3.95	3
CO11341+	CO17114	14.83	5 1-	6ACWC	0	0	557	254	19	1	1	0.00	3.95	0
CO11342+	CO11341	14.95	4 1-	6ACWC	0	0	551	253	18	1	1	0.00	3.95	0
CO11340+	CO11342	15.07	1 1-	6ACWC	0	0	545	251	11	0	1	0.00	3.95	0
CO11168+	CO17114	14.74	12 1-	6ACWC	0	0	562	255	65	4	3	0.00	3.95	0
CO17124+	CO11168	14.82	2 1-	2ACSR	0	0	558	255	3	0	0	0.00	3.95	0
CO17123+	CO11168	14.95	10 1-	6ACWC	0	0	551	253	62	4	3	0.02	3.97	0
CO11368+	CO17123	15.12	9 1-	6ACWC	0	0	543	251	59	4	3	0.02	3.99	0
CO11423+	CO11368	15.22	2 1-	6ACWC	0	0	538	249	13	0	1	0.00	3.99	0
CO11384+	CO11423	15.25	1 1-	2ACSR	0	0	536	249	2	0	0	0.00	3.99	0
CO11422+	CO11423	15.26	1 1-	6ACWC	0	0	536	249	10	0	1	0.00	3.99	0
CO11396+	CO11368	15.13	7 1-	6ACWC	0	0	542	251	47	3	2	0.00	3.99	0
CO11395+	CO11396	15.19	6 1-	6ACWC	0	0	539	250	42	2	2	0.00	3.99	0
CO11397+	CO11395	15.32	5 1-	6ACWC	0	0	533	248	41	2	2	0.01	4.00	0
CO11394+	CO11397	15.51	5 1-	6ACWC	0	0	524	246	41	2	2	0.01	4.01	0
CO11421+	CO11394	15.81	2 1-	6ACWC	0	0	510	242	19	1	1	0.01	4.02	0
CO11420+	CO11421	15.86	2 1-	6ACWC	0	0	508	242	19	1	1	0.00	4.02	0
CO11418+	CO11394	15.64	3 1-	6ACWC	0	0	518	244	22	1	1	0.00	4.01	0
CO11417+	CO11418	15.65	1 1-	6ACWC	0	0	517	244	11	0	1	0.00	4.01	0
CO11419+	CO11417	15.72	1 1-	6ACWC	0	0	514	243	11	0	1	0.00	4.02	0
CO11416+	CO17123	15.08	1 1-	6ACWC	0	0	545	251	3	0	0	0.00	3.97	0
CO11415+	CO11416	15.13	1 1-	6ACWC	0	0	542	251	3	0	0	0.00	3.97	0
CO10826+	CO10905	14.31	2 1-	6ACWC	0	0	585	261	1	0	0	0.00	3.89	0
CO10825+	CO10908	13.77	1 1-	1/0ACSR	0	0	610	266	4	0	0	0.00	3.78	0
OC-430383110+	CO10825	13.77	0 1-	20 N FUSE	0	0	610	266	0	0	0	0.00	3.78	0
CO10876+	CO10908	13.72	0 1-	1/0ACSR	0	0	612	266	0	0	0	0.00	3.78	0
OC1099670769+	CO10876	13.72	0 1-	20 N FUSE	0	0	612	266	0	0	0	0.00	3.78	0
CO10877+	OC1099670769	13.79	0 1-	1/0ACSR	0	0	609	266	0	0	0	0.00	3.78	0
CO10966+	CO10900	13.19	2 1-	4ACSR	0	0	635	270	8	0	0	0.00	3.69	0
OC299+	CO10966	13.19	2 1-	10 N FUSE	0	0	635	270	8	0	6	0.00	3.69	0
CO10967+	OC299	13.25	2 1-	4ACSR	0	0	631	269	8	0	0	0.00	3.69	0
CO10958+	CO10967	13.28	1 1-	4ACSR	0	0	630	269	0	0	0	0.00	3.69	0
CO10874+	CO10958	13.46	1 1-	4ACSR	0	0	619	267	0	0	0	0.00	3.69	0
CO10875+	CO10874	13.51	1 1-	4ACSR	0	0	616	266	0	0	0	0.00	3.69	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10824+	CO10958	13.34	0 1-	4ACSR	0	0	626	268	0	0	0	0.00	3.69	0
CO10968+	CO10854	12.63	4 1-	6ACWC	0	0	662	275	27	1	1	0.00	3.57	0
OC300+	CO10968	12.63	4 1-	10 N FUSE	0	0	662	275	27	1	18	0.00	3.57	0
CO10969+	OC300	12.68	4 1-	6ACWC	0	0	659	274	27	1	1	0.00	3.57	0
CO10936+	CO10969	12.73	3 1-	6ACWC	0	0	655	273	14	1	1	0.00	3.58	0
OC253237942+	CO10936	12.73	2 1-	20 N FUSE	0	0	655	273	14	1	5	0.00	3.58	0
CO10903+	OC253237942	13.04	2 1-	6ACWC	0	0	635	269	14	1	1	0.01	3.58	0
CO10904+	CO10903	13.07	2 1-	6ACWC	0	0	633	268	14	1	1	0.00	3.58	0
CO10847+	CO10904	13.16	1 1-	4ACSR	0	0	627	267	0	0	0	0.00	3.58	0
CO10846+	CO10904	13.11	1 1-	4ACSR	0	0	630	268	14	1	1	0.00	3.58	0
CO10807+	CO10854	12.64	16 3-	6ACWC	851	796	661	275	58	1	1	0.00	3.57	0
CO10970+	CO10807	12.65	0 1-	6ACWC	0	0	661	274	0	0	0	0.00	3.57	0
OC301+	CO10970	12.65	0 1-	10 N FUSE	0	0	661	274	0	0	0	0.00	3.57	0
CO10971+	OC301	12.81	0 1-	6ACWC	0	0	650	272	0	0	0	0.00	3.57	0
CO10894+	CO10971	12.90	0 1-	6ACWC	0	0	644	271	0	0	0	0.00	3.57	0
CO10895+	CO10894	13.09	0 1-	6ACWC	0	0	631	268	0	0	0	0.00	3.57	0
CO10964+	CO10807	12.65	16 1-	6ACWC	0	0	661	274	58	3	3	0.00	3.57	0
OC297+	CO10964	12.65	16 1-	25 E OCR	0	0	661	274	58	3	16	0.00	3.57	0
CO10965+	OC297	12.82	16 1-	6ACWC	0	0	650	272	58	3	3	0.01	3.59	0
CO10849+	CO10965	12.87	1 1-	2ACSR	0	0	647	271	14	0	1	0.00	3.59	0
CO10929+	CO10965	12.91	15 1-	6ACWC	0	0	643	271	44	3	2	0.01	3.59	0
CO10932+	CO10929	12.99	14 1-	6ACWC	0	0	638	270	44	3	2	0.00	3.60	0
CO10933+	CO10932	13.09	13 1-	6ACWC	0	0	632	268	31	2	2	0.00	3.60	0
CO10804+	CO10933	13.23	12 1-	6ACWC	0	0	622	266	31	2	2	0.01	3.61	0
CO10822+	CO10804	13.28	2 1-	6ACWC	0	0	620	265	8	0	0	0.00	3.61	0
CO10805+	CO10804	13.42	10 1-	6ACWC	0	0	611	264	23	1	1	0.01	3.62	0
CO10806+	CO10805	13.47	6 1-	6ACWC	0	0	608	263	21	1	1	0.00	3.62	0
CO10939+	CO10806	13.59	3 1-	6ACWC	0	0	600	261	11	0	1	0.00	3.62	0
CO10940+	CO10939	13.66	2 1-	6ACWC	0	0	596	260	6	0	0	0.00	3.62	0
CO10855+	CO10940	13.92	1 1-	6ACWC	0	0	581	257	5	0	0	0.00	3.62	0
CO10818+	CO10806	13.55	1 1-	6ACWC	0	0	603	262	0	0	0	0.00	3.62	0
CO10856+	CO10805	13.56	4 1-	6ACWC	0	0	602	262	2	0	0	0.00	3.62	0
CO10857+	CO10856	13.62	3 1-	6ACWC	0	0	599	261	2	0	0	0.00	3.62	0
CO10858+	CO10857	14.05	3 1-	6ACWC	0	0	574	255	2	0	0	0.00	3.62	0
CO10919+	CO10858	14.14	3 1-	6ACWC	0	0	569	254	2	0	0	0.00	3.62	0
CO10920+	CO10919	14.25	3 1-	6ACWC	0	0	563	253	2	0	0	0.00	3.62	0
CO10820+	CO10920	14.37	0 1-	6ACWC	0	0	557	251	0	0	0	0.00	3.62	0
CO10937+	CO10920	14.41	2 1-	6ACWC	0	0	555	251	1	0	0	0.00	3.62	0
CO10938+	CO10937	14.44	1 1-	6ACWC	0	0	553	250	0	0	0	0.00	3.62	0
CO10925+	CO10938	14.53	1 1-	6ACWC	0	0	548	249	0	0	0	0.00	3.62	0
CO10926+	CO10925	14.65	0 1-	6ACWC	0	0	542	248	0	0	0	0.00	3.62	0
CO10850+	CO10925	14.70	1 1-	2ACSR	0	0	541	248	0	0	0	0.00	3.62	0
CO10889+	CO10920	14.58	1 1-	6ACWC	0	0	546	249	1	0	0	0.00	3.62	0
CO10890+	CO10889	14.66	1 1-	6ACWC	0	0	541	248	1	0	0	0.00	3.62	0
CO10891+	CO10890	14.75	1 1-	6ACWC	0	0	537	247	1	0	0	0.00	3.62	0
CO10819+	CO10891	14.82	1 1-	6ACWC	0	0	534	246	1	0	0	0.00	3.62	0
CO10892+	CO10891	15.15	0 1-	6ACWC	0	0	518	242	0	0	0	0.00	3.62	0
CO10893+	CO10892	15.31	0 1-	6ACWC	0	0	510	240	0	0	0	0.00	3.62	0
CO10821+	CO10933	13.28	1 1-	6ACWC	0	0	620	265	0	0	0	0.00	3.60	0
CO10817+	CO10984	11.55	3 1-	4ACSR	0	0	719	283	13	0	1	0.00	3.33	0
CO10972+	CO10817	11.56	0 1-	4ACSR	0	0	719	283	0	0	0	0.00	3.33	0
OC302+	CO10972	11.56	0 1-	10 N FUSE	0	0	719	283	0	0	0	0.00	3.33	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10973+	OC302	11.72	0 1-	4ACSR	0	0	706	281	0	0	0	0.00	3.33	0
CO10860+	CO10973	11.78	0 1-	4ACSR	0	0	701	280	0	0	0	0.00	3.33	0
CO10841+	CO10860	11.84	0 1-	4ACSR	0	0	697	279	0	0	0	0.00	3.33	0
CO10978+	CO10860	11.79	0 1-	4ACSR	0	0	701	279	0	0	0	0.00	3.33	0
CO10842+	CO10817	11.73	2 1-	4ACSR	0	0	705	280	12	0	1	0.00	3.33	0
CO17116+	CO17117	11.43	0 1-	2ACSR	0	0	727	284	0	0	0	0.00	3.29	0
OC-592671931+	CO17116	11.43	0 1-	20 N FUSE	0	0	727	284	0	0	0	0.00	3.29	0
CO11224+	CO11197	10.98	0 1-	4ACSR	0	0	754	288	0	0	0	0.00	3.20	0
OC-1416529679+	CO11224	10.98	0 1-	20 N FUSE	0	0	754	288	0	0	0	0.00	3.20	0
CO11196+	CO11195	10.95	2 1-	4/0ACSR	0	0	759	289	6	0	0	0.00	3.18	0
OC-2053913963+	CO11196	10.95	2 1-	20 N FUSE	0	0	759	289	6	0	2	0.00	3.18	0
CO11232+	OC-2053913963	11.20	1 1-	4ACSR	0	0	737	285	0	0	0	0.00	3.18	0
CO11233+	OC-2053913963	11.04	1 1-	4ACSR	0	0	751	287	6	0	0	0.00	3.18	0
CO11223+	CO11273	10.57	2 1-	4ACSR	0	0	773	289	4	0	0	0.00	3.12	0
OC1296737457+	CO11223	10.57	0 1-	20 N FUSE	0	0	773	289	0	0	0	0.00	3.12	0
CO11194+	CO11193	10.44	3 1-	4ACSR	0	0	780	290	4	0	0	0.00	3.10	0
OC1989544250+	CO11194	10.44	2 1-	20 N FUSE	0	0	780	290	2	0	1	0.00	3.10	0
CO11221+	OC1989544250	10.51	1 1-	4ACSR	0	0	774	289	2	0	0	0.00	3.10	0
CO11220+	OC1989544250	10.61	1 1-	4ACSR	0	0	765	287	0	0	0	0.00	3.10	0
CO11239+	CO11193	10.49	1 1-	2ACSR	0	0	779	290	5	0	0	0.00	3.10	0
OC-1172803069+	CO11239	10.49	0 1-	20 N FUSE	0	0	779	290	0	0	0	0.00	3.10	0
CO11229+	CO11190	10.05	1 1-	4ACSR	0	0	804	293	9	0	0	0.00	3.05	0
OC852918939+	CO11229	10.05	0 1-	20 N FUSE	0	0	804	293	0	0	0	0.00	3.05	0
CO11187+	CO11260	9.42	7 1-	6ACWC	0	0	845	297	43	2	2	0.00	2.96	0
OC-1830737436+	CO11187	9.42	7 1-	20 N FUSE	0	0	845	297	43	2	15	0.00	2.96	0
CO11219+	OC-1830737436	9.49	2 1-	6ACWC	0	0	837	295	16	1	1	0.00	2.97	0
CO11263+	OC-1830737436	9.56	3 1-	6ACWC	0	0	829	294	13	0	1	0.00	2.97	0
CO11264+	CO11263	9.70	3 1-	6ACWC	0	0	815	292	13	0	1	0.00	2.97	0
CO-1045988323+	CO11264	9.84	1 1-	2ACSR	0	0	803	290	5	0	0	0.00	2.97	0
CO11261+	OC-1830737436	9.49	2 1-	6ACWC	0	0	837	295	14	0	1	0.00	2.97	0
CO11262+	CO11261	9.55	1 1-	6ACWC	0	0	831	294	8	0	0	0.00	2.97	0
CO11257+	CO11186	9.35	0 1-	4ACSR	0	0	847	296	0	0	0	0.00	2.94	0
OC53075484+	CO11257	9.35	0 1-	20 N FUSE	0	0	847	296	0	0	0	0.00	2.94	0
CO11258+	OC53075484	9.43	0 1-	4ACSR	0	0	838	295	0	0	0	0.00	2.94	0
CO1553130537+	CO1625430347	9.09	1 1-	2ACSR	0	0	869	299	0	0	0	0.00	2.90	0
CO11254+	CO17115	9.12	2 1-	4/0ACSR	0	0	870	300	20	1	0	0.00	2.89	0
OC-1694079788+	CO11254	9.12	1 1-	20 N FUSE	0	0	870	300	12	0	4	0.00	2.89	0
CO11354+	OC-1694079788	9.25	1 1-	4/0ACSR	0	0	861	299	12	0	0	0.00	2.89	0
CO17052+	CO11354	9.31	1 1-	4/0ACSR	0	0	857	299	12	0	0	0.00	2.89	0
CO10974+	CO10946	8.58	7 1-	4/0ACSR	0	0	909	303	20	1	0	0.00	2.82	0
OC303+	CO10974	8.58	7 1-	10 N FUSE	0	0	909	303	20	1	14	0.00	2.82	0
CO10975+	OC303	8.65	7 1-	4/0ACSR	0	0	903	302	20	1	0	0.00	2.82	0
CO10867+	CO10975	8.99	7 1-	4/0ACSR	0	0	879	300	20	1	0	0.00	2.82	0
CO10865+	CO10867	9.10	6 1-	4/0ACSR	0	0	871	300	13	0	0	0.00	2.82	0
CO10866+	CO10865	9.19	4 1-	4/0ACSR	0	0	866	299	12	0	0	0.00	2.82	0
CO10844+	CO10866	9.23	2 1-	4/0ACSR	0	0	863	299	4	0	0	0.00	2.82	0
CO10923+	CO10866	9.31	1 1-	4/0ACSR	0	0	858	299	8	0	0	0.00	2.82	0
CO10843+	CO10923	9.39	1 1-	4/0ACSR	0	0	852	298	8	0	0	0.00	2.82	0
CO10924+	CO10923	9.42	0 1-	4/0ACSR	0	0	851	298	0	0	0	0.00	2.82	0
CO10845+	CO10867	9.08	1 1-	4ACSR	0	0	868	299	7	0	0	0.00	2.82	0
CO9703+	CO9923	8.11	4 1-	4/0ACSR	0	0	945	306	29	2	1	0.00	2.73	0
OC-1226041511+	CO9703	8.11	2 1-	20 N FUSE	0	0	945	306	12	0	4	0.00	2.73	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9730+	OC-1226041511	8.15	0 1-	4/0ACSR	0	0	942	305	0	0	0	0.00	2.73	0
CO9729+	OC-1226041511	8.22	1 1-	4/0ACSR	0	0	937	305	3	0	0	0.00	2.73	0
CO9926+	OC-1226041511	8.30	1 1-	4/0ACSR	0	0	930	305	9	0	0	0.00	2.73	0
CO9927+	CO9926	8.32	0 1-	4/0ACSR	0	0	928	304	0	0	0	0.00	2.73	0
CO17011+	CO9923	8.07	82 3-	1/0ACSR	1160	1088	947	306	496	11	5	0.00	2.73	3
CO10303+	CO17011	8.08	82 3-	1/0ACSR	1159	1087	947	306	496	11	5	0.00	2.73	0
OC-1067373804+	CO10303	8.08	82 3-	20 N FUSE	1159	1087	947	306	496	11	57	0.00	2.73	0
CO10304+	OC-1067373804	8.09	82 3-	1/0ACSR	1158	1086	946	306	496	11	5	0.00	2.73	0
CO10302+	CO10304	8.23	81 3-	1/0ACSR	1144	1073	932	304	487	11	5	0.01	2.75	10
CO10254+	CO10302	8.26	80 3-	1/0ACSR	1140	1069	929	304	482	11	5	0.00	2.75	3
CO10199+	CO10254	8.37	80 3-	1/0ACSR	1130	1060	919	303	482	11	5	0.01	2.76	8
CO10143+	CO10199	8.40	80 3-	1/0ACSR	1127	1057	916	303	482	11	5	0.00	2.76	0
XFMR252	CO10143	8.40	38 1-	167 KVA 1PH AUT	0	0	592	167	209	14	124	0.76	3.52	0
CO10252	XFMR252	8.58	38 1-	4ACSR	0	0	578	165	209	28	21	0.23	3.75	78
CO10253	CO10252	8.82	37 1-	4ACSR	0	0	557	163	208	28	21	0.32	4.07	109
CO10197	CO10253	8.84	37 1-	4ACSR	0	0	556	163	208	28	21	0.03	4.09	9
CO10144	CO10197	8.92	36 1-	4ACSR	0	0	550	162	197	27	20	0.09	4.18	30
CO10167	CO10144	8.97	0 1-	4ACSR	0	0	546	161	0	0	0	0.00	4.18	0
CO10284	CO10144	9.02	36 1-	4ACSR	0	0	541	161	197	27	20	0.13	4.31	42
CO10285	CO10284	9.04	35 1-	4ACSR	0	0	540	161	193	26	19	0.02	4.34	8
CO10166	CO10285	9.08	1 1-	4ACSR	0	0	537	160	12	1	1	0.00	4.34	0
CO10198	CO10285	9.15	34 1-	4ACSR	0	0	531	160	181	25	18	0.12	4.45	34
CO17025	CO10198	9.27	33 1-	4ACSR	0	0	522	158	178	24	18	0.13	4.58	38
CO11253	CO17025	9.35	32 1-	4ACSR	0	0	516	158	164	22	16	0.08	4.67	22
CO11252	CO11253	9.36	32 1-	4ACSR	0	0	515	157	164	22	16	0.01	4.68	4
CO11251	CO11252	9.47	32 1-	4ACSR	0	0	507	156	164	22	16	0.11	4.79	30
CO11181	CO11251	9.61	30 1-	4ACSR	0	0	496	155	161	22	16	0.14	4.93	38
CO11182	CO11181	9.78	25 1-	4ACSR	0	0	484	154	139	19	14	0.15	5.08	34
CO11217	CO11182	9.85	1 1-	4ACSR	0	0	479	153	0	0	0	0.00	5.08	0
CO11183	CO11182	9.97	24 1-	4ACSR	0	0	471	152	139	19	14	0.17	5.25	39
CO11243	CO11183	10.26	22 1-	4ACSR	0	0	452	149	138	19	14	0.25	5.49	57
CO11184	CO11243	10.75	0 1-	4ACSR	0	0	422	145	0	0	0	0.00	5.49	0
CO11218	CO11243	10.41	2 1-	4ACSR	0	0	442	148	6	0	1	0.00	5.50	0
CO11242	CO11243	10.40	20 1-	4ACSR	0	0	443	148	133	18	13	0.12	5.61	26
CO17121	CO11242	10.69	20 1-	4ACSR	0	0	425	146	132	18	13	0.24	5.85	54
CO11485	CO17121	10.79	3 1-	4ACSR	0	0	420	145	35	4	4	0.01	5.87	0
CO11486	CO11485	10.94	1 1-	4ACSR	0	0	411	144	9	1	1	0.01	5.88	0
CO11536	CO11486	11.01	1 1-	4ACSR	0	0	407	143	9	1	1	0.00	5.88	0
CO11533	CO11536	11.17	1 1-	4ACSR	0	0	399	142	9	1	1	0.01	5.89	0
CO11535	CO11533	11.43	1 1-	4ACSR	0	0	385	140	9	1	1	0.01	5.90	0
OC63733989	CO11535	11.43	1 1-	20 N FUSE	0	0	385	140	9	1	6	0.00	5.90	0
CO11534	OC63733989	11.47	1 1-	4ACSR	0	0	383	139	9	1	1	0.00	5.90	0
CO11471	CO11534	11.52	1 1-	4ACSR	0	0	380	139	9	1	1	0.00	5.91	0
CO11495	CO17121	10.78	17 1-	4ACSR	0	0	420	145	97	13	10	0.05	5.90	7
CO11544	CO11495	10.79	16 1-	4ACSR	0	0	420	145	86	12	9	0.01	5.91	0
CO11545	CO11544	10.96	16 1-	4ACSR	0	0	410	143	86	12	9	0.09	6.01	14
CO11488	CO11545	11.03	1 1-	4ACSR	0	0	406	143	3	0	0	0.00	6.01	0
CO11538	CO11488	11.04	0 1-	4ACSR	0	0	406	143	0	0	0	0.00	6.01	0
CO11539	CO11538	11.28	0 1-	4ACSR	0	0	393	141	0	0	0	0.00	6.01	0
CO11487	CO11545	11.11	15 1-	4ACSR	0	0	401	142	83	11	8	0.08	6.08	11
CO11537	CO11487	11.28	15 1-	4ACSR	0	0	393	141	83	11	8	0.09	6.17	12
OC1266872383	CO11537	11.28	15 1-	20 N FUSE	0	0	393	141	83	11	59	0.00	6.17	0

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17042	OC1266872383	11.32	15 1-	4ACSR	0	0	391	141	83	11	8	0.02	6.19	2
CO10637	CO17042	11.48	14 1-	4ACSR	0	0	383	139	72	10	7	0.07	6.26	9
CO10636	CO10637	11.58	13 1-	4ACSR	0	0	377	139	72	10	7	0.05	6.31	6
CO10562	CO10636	11.62	2 1-	4ACSR	0	0	376	138	10	1	1	0.00	6.31	0
CO10583	CO10636	11.72	11 1-	4ACSR	0	0	371	138	62	8	6	0.05	6.36	6
CO10584	CO10583	11.90	11 1-	4ACSR	0	0	363	136	62	8	6	0.07	6.43	7
CO10662	CO10584	11.99	4 1-	4ACSR	0	0	358	136	32	4	3	0.02	6.45	0
CO1484008182	CO10662	12.03	1 1-	2ACSR	0	0	357	135	11	1	1	0.00	6.45	0
CO-2104999040	CO1484008182	12.07	1 1-	2ACSR	0	0	356	135	11	1	1	0.00	6.45	0
CO-1140292779	CO1484008182	12.08	0 1-	2ACSR	0	0	355	135	0	0	0	0.00	6.45	0
CO10663	CO10662	12.09	3 1-	4ACSR	0	0	354	135	21	2	2	0.01	6.46	0
CO10585	CO10663	12.16	1 1-	4ACSR	0	0	351	134	14	1	1	0.01	6.47	0
CO10586	CO10585	12.30	1 1-	4ACSR	0	0	345	133	14	1	1	0.01	6.48	0
CO10538	CO10584	11.98	7 1-	4ACSR	0	0	359	136	30	4	3	0.02	6.45	0
CO10539	CO10538	12.15	5 1-	4ACSR	0	0	351	134	28	3	3	0.03	6.48	0
CO10616	CO10539	12.23	2 1-	4ACSR	0	0	348	134	14	1	1	0.01	6.48	0
CO10617	CO10616	12.30	1 1-	4ACSR	0	0	345	133	8	1	1	0.00	6.49	0
CO10540	CO10539	12.19	3 1-	4ACSR	0	0	349	134	14	2	1	0.00	6.48	0
CO10563	CO10540	12.31	1 1-	4ACSR	0	0	344	133	10	1	1	0.00	6.49	0
CO10635	CO10540	12.28	2 1-	4ACSR	0	0	346	134	5	0	0	0.00	6.48	0
CO10634	CO10635	12.36	1 1-	4ACSR	0	0	342	133	0	0	0	0.00	6.48	0
CO10564	CO10538	12.05	1 1-	4ACSR	0	0	356	135	2	0	0	0.00	6.45	0
CO11234	CO11183	10.01	0 1-	4ACSR	0	0	468	151	0	0	0	0.00	5.25	0
CO11247	CO11181	9.76	3 1-	4ACSR	0	0	486	154	10	1	1	0.01	4.94	0
CO11248	CO11247	9.83	1 1-	4ACSR	0	0	481	153	5	0	1	0.00	4.94	0
CO11245	CO11181	9.65	2 1-	4ACSR	0	0	494	155	12	1	1	0.00	4.94	0
CO11246	CO11245	9.68	2 1-	4ACSR	0	0	491	154	12	1	1	0.00	4.94	0
CO11244	CO11246	9.75	1 1-	4ACSR	0	0	486	154	10	1	1	0.00	4.94	0
CO11249	CO11251	9.58	2 1-	4ACSR	0	0	499	155	3	0	0	0.00	4.79	0
CO11250	CO11249	9.93	2 1-	4ACSR	0	0	474	152	3	0	0	0.00	4.79	0
CO10229	CO10197	8.89	0 1-	4ACSR	0	0	552	162	0	0	0	0.00	4.09	0
CO10230	CO10229	9.20	0 1-	4ACSR	0	0	527	159	0	0	0	0.00	4.09	0
CO10306+	CO10143	8.41	42 1-	4ACSR	0	0	914	302	274	18	14	0.00	2.77	0
CO10307+	CO10306	8.43	42 1-	4ACSR	0	0	912	302	274	18	14	0.01	2.78	4
XFMR98	CO10307	8.43	42 1-	167 KVA 1PH AUT	0	0	591	167	274	18	163	1.03	3.81	0
CO-230524182	XFMR98	8.47	42 1-	2ACSR	0	0	588	167	274	37	21	0.05	3.86	21
CO-411434699	CO-230524182	8.49	42 1-	2ACSR	0	0	587	167	274	37	21	0.02	3.88	8
OC727317117	CO-411434699	8.49	42 1-	25 H OCR	0	0	587	167	273	37	152	0.00	3.88	0
CO10196	OC727317117	8.59	42 1-	2ACSR	0	0	579	166	273	37	21	0.13	4.00	54
CO10309	CO10196	8.77	41 1-	2ACSR	0	0	566	165	271	37	21	0.21	4.21	88
CO10251	CO10309	8.85	40 1-	2ACSR	0	0	561	164	264	36	20	0.09	4.30	37
CO10250	CO10251	9.05	40 1-	2ACSR	0	0	547	163	264	36	20	0.22	4.52	92
CO10163	CO10250	9.21	1 1-	4ACSR	0	0	535	161	2	0	0	0.00	4.52	0
CO10162	CO10250	9.13	1 1-	4ACSR	0	0	541	162	2	0	0	0.00	4.52	0
CO10168	CO10250	9.09	1 1-	4ACSR	0	0	544	162	8	1	1	0.00	4.52	0
CO10195	CO10250	9.27	32 1-	2ACSR	0	0	532	161	236	32	18	0.23	4.74	86
CO10287	CO10195	9.35	32 1-	2ACSR	0	0	527	160	235	32	18	0.08	4.83	31
CO10286	CO10287	9.46	32 1-	2ACSR	0	0	520	160	235	32	18	0.11	4.94	42
CO10194	CO10286	9.52	32 1-	2ACSR	0	0	516	159	235	32	18	0.06	5.00	24
OC361561781	CO10194	9.52	32 1-	20 N FUSE	0	0	516	159	235	32	164	0.00	5.00	0
CO10193	OC361561781	9.59	32 1-	2ACSR	0	0	512	159	235	32	18	0.06	5.06	24
CO10192	CO10193	9.72	31 1-	2ACSR	0	0	503	158	234	32	18	0.13	5.20	50

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10293	CO10192	9.81	30 1-	2ACSR	0	0	498	157	229	31	18	0.08	5.28	30
CO10182	CO10293	9.87	1 1-	4ACSR	0	0	494	157	0	0	0	0.00	5.28	0
CO10292	CO10293	9.84	26 1-	2ACSR	0	0	496	157	203	28	16	0.02	5.31	7
CO10243	CO10292	9.93	25 1-	2ACSR	0	0	491	156	194	27	15	0.08	5.38	24
CO10191	CO10243	9.98	25 1-	2ACSR	0	0	488	156	193	27	15	0.05	5.43	14
CO10141	CO10191	10.08	24 1-	2ACSR	0	0	482	155	183	25	14	0.07	5.50	21
CO10159	CO10141	10.29	0 1-	4ACSR	0	0	468	153	0	0	0	0.00	5.50	0
CO10146	CO10141	10.14	22 1-	2ACSR	0	0	479	155	165	23	13	0.04	5.54	11
CO10204	CO10146	10.20	21 1-	2ACSR	0	0	476	155	159	22	12	0.04	5.58	10
CO10203	CO10204	10.34	21 1-	2ACSR	0	0	468	154	159	22	12	0.10	5.68	25
CO10202	CO10203	10.38	20 1-	2ACSR	0	0	466	153	157	22	12	0.03	5.71	7
CO10291	CO10202	10.52	20 1-	2ACSR	0	0	458	153	157	22	12	0.09	5.80	23
CO10290	CO10291	10.55	19 1-	2ACSR	0	0	456	152	156	21	12	0.02	5.82	6
CO10201	CO10290	10.62	19 1-	2ACSR	0	0	453	152	156	21	12	0.05	5.87	13
CO10200	CO10201	10.82	19 1-	2ACSR	0	0	443	151	156	21	12	0.13	6.01	34
CO10242	CO10200	10.84	17 1-	2ACSR	0	0	442	151	134	18	10	0.01	6.02	3
CO10241	CO10242	10.87	17 1-	2ACSR	0	0	440	150	134	18	10	0.01	6.03	3
CO-719455691	CO10241	10.92	1 1-	2ACSR	0	0	438	150	11	1	1	0.00	6.03	0
CO10205	CO10241	10.92	16 1-	2ACSR	0	0	438	150	123	17	10	0.03	6.06	6
CO10208	CO10205	10.96	15 1-	2ACSR	0	0	436	150	120	16	9	0.02	6.08	4
CO10207	CO10208	11.16	15 1-	2ACSR	0	0	426	149	120	16	9	0.10	6.18	20
CO10206	CO10207	11.25	15 1-	2ACSR	0	0	422	148	120	16	9	0.05	6.23	9
CO10190	CO10206	11.31	13 1-	2ACSR	0	0	419	148	106	14	8	0.03	6.26	5
CO17024	CO10190	11.38	13 1-	2ACSR	0	0	416	147	106	14	8	0.04	6.29	6
CO10534	CO17024	11.44	10 1-	2ACSR	0	0	413	147	88	12	7	0.02	6.32	3
CO10672	CO10534	11.51	7 1-	2ACSR	0	0	410	146	58	8	5	0.02	6.33	0
CO10671	CO10672	11.51	7 1-	2ACSR	0	0	410	146	58	8	5	0.00	6.33	0
CO10576	CO10671	11.53	0 1-	2ACSR	0	0	409	146	0	0	0	0.00	6.33	0
CO10535	CO10671	11.63	7 1-	4ACSR	0	0	404	145	58	8	6	0.04	6.38	4
CO10649	CO10535	11.67	6 1-	4ACSR	0	0	402	145	43	6	4	0.01	6.39	0
CO10650	CO10649	11.74	5 1-	4ACSR	0	0	398	144	39	5	4	0.02	6.41	0
CO10541	CO10650	11.81	4 1-	4ACSR	0	0	395	144	38	5	4	0.02	6.42	0
CO10647	CO10541	11.83	3 1-	4ACSR	0	0	394	144	38	5	4	0.00	6.42	0
CO10648	CO10647	11.97	2 1-	4ACSR	0	0	387	143	22	3	2	0.01	6.44	0
CO10646	CO10648	12.14	1 1-	4ACSR	0	0	379	141	2	0	0	0.00	6.44	0
CO10554	CO10541	11.89	1 1-	4ACSR	0	0	391	143	0	0	0	0.00	6.42	0
CO10565	CO10650	11.79	1 1-	4ACSR	0	0	396	144	1	0	0	0.00	6.41	0
CO10555	CO10535	11.69	1 1-	4ACSR	0	0	401	145	14	2	1	0.00	6.38	0
CO10536	CO10534	11.49	3 1-	4ACSR	0	0	411	146	30	4	3	0.01	6.32	0
OC-1987291966	CO10536	11.49	2 1-	20 N FUSE	0	0	411	146	23	3	16	0.00	6.32	0
CO10556	OC-1987291966	11.59	1 1-	4ACSR	0	0	405	146	11	1	1	0.00	6.33	0
CO10580	OC-1987291966	11.63	1 1-	4ACSR	0	0	403	145	12	1	1	0.01	6.33	0
CO17023	CO10580	11.71	1 1-	4ACSR	0	0	399	145	12	1	1	0.01	6.34	0
CO10233	CO17023	11.81	0 1-	4ACSR	0	0	394	144	0	0	0	0.00	6.34	0
OC-393571730	CO10233	11.81	0 1-	20 N FUSE	0	0	394	144	0	0	0	119.66	126.00	0
CO10308	CO17023	11.76	1 1-	4ACSR	0	0	397	144	12	1	1	0.00	6.34	0
CO17028	CO10308	11.87	1 1-	4ACSR	0	0	391	143	12	1	1	0.01	6.35	0
CO10618	CO17028	11.92	1 1-	4ACSR	0	0	389	143	12	1	1	0.00	6.36	0
CO10619	CO10618	11.99	1 1-	4ACSR	0	0	385	142	12	1	1	0.01	6.36	0
CO10620	CO10619	12.05	1 1-	4ACSR	0	0	383	142	12	1	1	0.00	6.36	0
CO10558	CO17024	11.42	2 1-	4ACSR	0	0	414	147	9	1	1	0.00	6.30	0
CO10557	CO17024	11.43	1 1-	4ACSR	0	0	413	147	9	1	1	0.00	6.30	0

Title: FLEMING - MASON ENERGY COOPERATIVE - KENTUCKY 52 FLEMING - FLEMINGSBURG, KENTUCKY
Case: 2008-2009 CONSTRUCTION WORK PLAN - EXISTING SYSTEM WITH PROJECTED WINTER 2008-09 LOADS
Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10172	CO10206	11.32	1 1-	4ACSR	0	0	418	147	6	0	1	0.00	6.23	0
CO10231	CO10206	11.29	1 1-	4ACSR	0	0	420	148	9	1	1	0.00	6.23	0
CO10232	CO10231	11.34	1 1-	4ACSR	0	0	417	147	9	1	1	0.00	6.23	0
CO10171	CO10205	10.96	0 1-	4ACSR	0	0	435	150	0	0	0	0.00	6.06	0
CO10244	CO10200	10.89	2 1-	4ACSR	0	0	439	150	22	3	2	0.01	6.01	0
CO10245	CO10244	10.93	1 1-	4ACSR	0	0	436	150	12	1	1	0.00	6.02	0
CO10246	CO10245	11.10	1 1-	4ACSR	0	0	427	148	12	1	1	0.01	6.03	0
CO-1113532503	CO10246	11.44	1 1-	2ACSR	0	0	411	146	12	1	1	0.01	6.04	0
CO10184	CO10291	10.54	1 1-	2ACSR	0	0	457	152	1	0	0	0.00	5.80	0
CO10170	CO10146	10.19	1 1-	6ACWC	0	0	476	155	6	0	1	0.00	5.54	0
CO10161	CO10191	10.06	0 1-	4ACSR	0	0	483	155	0	0	0	0.00	5.43	0
CO10160	CO10191	10.05	1 1-	4ACSR	0	0	483	155	10	1	1	0.00	5.43	0
CO10227	CO10193	9.73	1 1-	4ACSR	0	0	502	157	1	0	0	0.00	5.06	0
CO10228	CO10227	9.82	0 1-	4ACSR	0	0	495	157	0	0	0	0.00	5.06	0
CO10247	CO10250	9.10	4 1-	4ACSR	0	0	543	162	14	1	1	0.00	4.52	0
CO10248	CO10247	9.26	2 1-	4ACSR	0	0	530	160	0	0	0	0.00	4.52	0
CO10249	CO10248	9.57	1 1-	4ACSR	0	0	508	157	0	0	0	0.00	4.52	0
CO10164	OC727317117	8.58	0 1-	4ACSR	0	0	579	166	0	0	0	0.00	3.88	0
CO10165+	CO10199	8.44	0 1-	4ACSR	0	0	909	302	0	0	0	0.00	2.76	0
CO9920+	CO9919	7.87	3 1-	4/0ACSR	0	0	964	307	4	0	0	0.00	2.68	0
OC-845531705+	CO9920	7.87	3 1-	20 N FUSE	0	0	964	307	4	0	1	0.00	2.68	0
CO9921+	OC-845531705	7.92	3 1-	4/0ACSR	0	0	961	307	4	0	0	0.00	2.68	0
CO9908+	CO9907	7.76	3 1-	4/0ACSR	0	0	974	308	0	0	0	0.00	2.64	0
OC-468346150+	CO9908	7.76	1 1-	20 N FUSE	0	0	974	308	0	0	0	0.00	2.64	0
CO9909+	OC-468346150	7.86	1 1-	4/0ACSR	0	0	966	307	0	0	0	0.00	2.64	0
CO9910+	CO9909	7.95	1 1-	4/0ACSR	0	0	958	307	0	0	0	0.00	2.64	0
CO9728+	CO9702	7.11	0 1-	4/0ACSR	0	0	1033	312	0	0	0	0.00	2.49	0
CO9898+	CO9699	6.65	3 1-	4/0ACSR	0	0	1079	314	6	0	0	0.00	2.39	0
OC1542534065+	CO9898	6.65	3 1-	20 N FUSE	0	0	1079	314	6	0	2	0.00	2.39	0
CO9899+	OC1542534065	6.73	2 1-	4/0ACSR	0	0	1071	314	0	0	0	0.00	2.39	0
CO9900+	CO9899	6.80	2 1-	4/0ACSR	0	0	1064	313	0	0	0	0.00	2.39	0
CO1827014274+	CO9900	6.86	1 1-	2ACSR	0	0	1056	313	0	0	0	0.00	2.39	0
CO9725+	OC1542534065	6.77	1 1-	4/0ACSR	0	0	1067	314	6	0	0	0.00	2.39	0
CO9865+	CO9932	5.92	20 1-	6ACWC	0	0	1160	318	101	6	5	0.00	2.22	0
OC1473346288+	CO9865	5.92	20 1-	35 L OCR	0	0	1160	318	101	6	20	0.00	2.22	0
CO9866+	OC1473346288	5.95	20 1-	6ACWC	0	0	1155	318	101	6	5	0.00	2.23	0
CO9867+	CO9866	6.10	20 1-	6ACWC	0	0	1126	315	101	6	5	0.02	2.25	4
CO9868+	CO9867	6.18	20 1-	6ACWC	0	0	1109	313	101	6	5	0.01	2.27	2
CO9869+	CO9868	6.24	19 1-	6ACWC	0	0	1099	312	98	6	5	0.01	2.27	0
CO9870+	CO9869	6.47	18 1-	6ACWC	0	0	1058	308	95	6	5	0.03	2.30	5
CO9871+	CO9870	6.54	16 1-	6ACWC	0	0	1046	307	85	5	4	0.01	2.31	0
CO9698+	CO9871	6.68	14 1-	6ACWC	0	0	1022	304	85	5	4	0.02	2.33	2
CO9872+	CO9698	6.75	12 1-	6ACWC	0	0	1011	303	69	4	3	0.01	2.34	0
CO9873+	CO9872	6.78	12 1-	6ACWC	0	0	1006	303	69	4	3	0.00	2.34	0
CO9874+	CO9873	7.03	11 1-	6ACWC	0	0	966	298	66	4	3	0.03	2.37	3
CO9875+	CO9874	7.19	10 1-	6ACWC	0	0	943	296	65	4	3	0.02	2.38	0
CO9877+	CO9875	7.31	2 1-	2ACSR	0	0	928	294	9	0	0	0.00	2.38	0
CO9878+	CO9877	7.45	1 1-	2ACSR	0	0	912	292	9	0	0	0.00	2.38	0
CO9876+	CO9875	7.22	7 1-	6ACWC	0	0	938	295	55	3	3	0.00	2.38	0
CO9879+	CO9876	7.30	7 1-	6ACWC	0	0	926	294	55	3	3	0.01	2.39	0
CO9880+	CO9879	7.34	6 1-	6ACWC	0	0	921	293	51	3	3	0.00	2.39	0
CO9881+	CO9880	7.38	6 1-	6ACWC	0	0	915	292	51	3	3	0.00	2.40	0

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9882+	CO9881	7.49	4 1-	6ACWC	0	0	900	291	37	2	2	0.01	2.40	0
CO9757+	CO9882	7.54	1 1-	2ACSR	0	0	895	290	14	0	1	0.00	2.40	0
CO9756+	CO9882	7.52	1 1-	2ACSR	0	0	897	290	16	1	1	0.00	2.40	0
CO9883+	CO9882	7.54	2 1-	6ACWC	0	0	893	290	7	0	0	0.00	2.40	0
CO9884+	CO9883	7.60	2 1-	6ACWC	0	0	886	289	7	0	0	0.00	2.40	0
CO9722+	CO9884	7.64	1 1-	6ACWC	0	0	880	288	4	0	0	0.00	2.40	0
CO9732+	CO9884	7.65	1 1-	4ACSR	0	0	878	288	2	0	0	0.00	2.40	0
CO9885+	CO9884	7.64	0 1-	6ACWC	0	0	880	288	0	0	0	0.00	2.40	0
CO9886+	CO9885	7.82	0 1-	6ACWC	0	0	857	285	0	0	0	0.00	2.40	0
CO17014+	CO9886	7.91	0 1-	6ACWC	0	0	845	284	0	0	0	0.00	2.40	0
CO10918+	CO17014	8.15	0 1-	6ACWC	0	0	817	280	0	0	0	0.00	2.40	0
CO9723+	CO9885	7.68	0 1-	6ACWC	0	0	874	287	0	0	0	0.00	2.40	0
CO9724+	CO9698	6.73	1 1-	1/0ACSR	0	0	1017	304	10	0	0	0.00	2.33	0
CO9721+	CO9871	6.61	1 1-	6ACWC	0	0	1034	306	0	0	0	0.00	2.31	0
CO9887+	CO9932	5.96	8 1-	4ACSR	0	0	1152	318	41	2	2	0.00	2.22	0
CO9888+	CO9887	6.02	5 1-	4ACSR	0	0	1141	316	18	1	1	0.00	2.22	0
CO9889+	CO9888	6.05	4 1-	4ACSR	0	0	1135	316	13	0	1	0.00	2.23	0
CO9890+	CO9889	6.08	2 1-	4ACSR	0	0	1129	315	7	0	0	0.00	2.23	0
CO9891+	CO9890	6.15	1 1-	4ACSR	0	0	1115	314	1	0	0	0.00	2.23	0
CO9750+	CO9813	5.38	3 1-	1/0ACSR	0	0	1236	323	4	0	0	0.00	2.01	0
OC1957242874+	CO9750	5.38	0 1-	20 N FUSE	0	0	1236	323	0	0	0	0.00	2.01	0
CO9814+	CO9712	5.09	1 1-	750 MCM - 42 wi	0	0	1287	326	1	0	0	0.00	1.90	0
OC-670830926+	CO9814	5.09	0 1-	20 N FUSE	0	0	1287	326	0	0	0	0.00	1.90	0
CO9809+	CO9712	5.16	4 1-	1/0ACSR	0	0	1274	325	21	1	1	0.00	1.90	0
OC-1046164198+	CO9809	5.16	2 1-	20 N FUSE	0	0	1274	325	13	0	4	0.00	1.90	0
CO9810+	OC-1046164198	5.26	2 1-	1/0ACSR	0	0	1256	324	13	0	0	0.00	1.90	0
CO9808+	CO9712	5.10	0 1-	1/0ACSR	0	0	1285	325	0	0	0	0.00	1.90	0
CO9806+	CO9805	5.07	5 1-	1/0ACSR	0	0	1289	326	23	1	1	0.00	1.85	0
OC-287748191+	CO9806	5.07	2 1-	20 N FUSE	0	0	1289	326	7	0	2	0.00	1.85	0
CO9807+	OC-287748191	5.12	2 1-	1/0ACSR	0	0	1280	325	7	0	0	0.00	1.85	0
CO9800+	CO9711	4.97	2 1-	1/0ACSR	0	0	1307	327	11	0	0	0.00	1.83	0
OC1787056113+	CO9800	4.97	1 1-	20 N FUSE	0	0	1307	327	6	0	2	0.00	1.83	0
CO9801+	OC1787056113	5.00	1 1-	1/0ACSR	0	0	1301	326	6	0	0	0.00	1.83	0
CO9802+	CO9801	5.19	1 1-	1/0ACSR	0	0	1268	325	6	0	0	0.00	1.83	0
CO9803+	CO9802	5.25	1 1-	1/0ACSR	0	0	1258	324	6	0	0	0.00	1.83	0
CO9751+	CO9796	4.92	4 1-	1/0ACSR	0	0	1317	327	19	1	1	0.00	1.79	0
OC991926163+	CO9751	4.92	0 1-	20 N FUSE	0	0	1317	327	0	0	0	0.00	1.79	0
CO9799+	CO9796	4.94	1 1-	2ACSR	0	0	1310	327	4	0	0	0.00	1.79	0
OC1763992657+	CO9799	4.94	1 1-	20 N FUSE	0	0	1310	327	4	0	1	0.00	1.79	0
CO9797+	OC1763992657	5.02	1 1-	2ACSR	0	0	1293	325	4	0	0	0.00	1.79	0
CO9798+	CO9796	4.92	2 1-	2ACSR	0	0	1314	327	16	1	1	0.00	1.79	0
OC-476052178+	CO9798	4.92	1 1-	20 N FUSE	0	0	1314	327	8	0	3	0.00	1.79	0
CO250122491+	OC-476052178	4.98	1 1-	2ACSR	0	0	1303	326	8	0	0	0.00	1.79	0
CO9793+	CO9792	4.64	4 1-	1/0ACSR	0	0	1371	330	20	1	1	0.00	1.66	0
OC1252484730+	CO9793	4.64	4 1-	20 N FUSE	0	0	1371	330	20	1	7	0.00	1.66	0
CO9754+	OC1252484730	4.67	2 1-	500 MCM ACSR 30	0	0	1367	330	17	1	0	0.00	1.66	0
CO9753+	OC1252484730	4.68	1 1-	4ACSR	0	0	1361	329	2	0	0	0.00	1.66	0
CO9794+	OC1252484730	4.66	1 1-	1/0ACSR	0	0	1366	330	0	0	0	0.00	1.66	0
CO9710+	CO16998	4.59	286 3-	1/0ACSR	1567	1493	1381	331	1439	32	14	0.03	1.64	58
CO17000+	CO9710	4.59	281 3-	1/0ACSR	1566	1492	1380	331	1416	32	14	0.00	1.64	4
OC246+	CO17000	4.59	281 3-	100 E OCR	1566	1492	1380	331	1416	32	32	0.00	1.64	0
CO17001+	OC246	4.71	281 3-	1/0ACSR	1547	1472	1357	329	1416	32	14	0.03	1.67	66

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9242+	CO17001	4.77	280 3-	1/0ACSR	1536	1462	1346	329	1407	32	14	0.02	1.69	35
CO9241+	CO9242	4.87	279 3-	1/0ACSR	1519	1444	1326	328	1403	31	14	0.03	1.72	61
CO16999+	CO9241	5.03	277 3-	1/0ACSR	1492	1416	1296	326	1392	31	14	0.04	1.76	94
CO9789+	CO16999	5.15	275 3-	1/0ACSR	1473	1397	1275	325	1381	31	14	0.03	1.79	67
CO9790+	CO9789	5.41	274 3-	1/0ACSR	1432	1357	1231	322	1374	31	14	0.07	1.86	146
CO9716+	CO9790	5.52	1 1-	1/0ACSR	0	0	1213	321	5	0	0	0.00	1.86	0
OC418945402+	CO9716	5.52	0 1-	20 N FUSE	0	0	1213	321	0	0	0	0.00	1.86	0
CO9785+	CO9790	5.65	272 3-	1/0ACSR	1397	1321	1192	320	1365	31	14	0.06	1.93	133
CO9786+	CO9785	5.72	270 3-	1/0ACSR	1387	1312	1182	319	1361	31	14	0.02	1.95	38
CO9787+	CO9786	5.80	269 3-	1/0ACSR	1376	1301	1170	319	1357	30	13	0.02	1.97	43
CO9788+	CO9787	5.93	269 3-	1/0ACSR	1357	1282	1150	317	1357	30	13	0.04	2.00	75
CO9758+	CO9788	5.97	1 1-	2ACSR	0	0	1143	317	3	0	0	0.00	2.00	0
OC-273738093+	CO9758	5.97	0 1-	20 N FUSE	0	0	1143	317	0	0	0	0.00	2.00	0
CO9784+	CO9788	6.01	268 3-	1/0ACSR	1347	1272	1140	317	1353	30	13	0.02	2.02	39
CO9783+	CO9784	6.10	266 3-	1/0ACSR	1334	1259	1126	316	1336	30	13	0.03	2.05	53
CO9782+	CO9783	6.19	266 3-	1/0ACSR	1322	1248	1114	315	1335	30	13	0.02	2.07	44
CO9778+	CO9782	6.23	266 3-	1/0ACSR	1317	1243	1109	314	1335	30	13	0.01	2.08	20
CO9779+	CO9778	6.26	265 3-	1/0ACSR	1313	1239	1105	314	1327	30	13	0.01	2.09	16
CO9780+	CO9779	6.29	265 3-	1/0ACSR	1310	1236	1101	314	1326	30	13	0.01	2.10	15
CO9781+	CO9780	6.40	265 3-	1/0ACSR	1295	1222	1086	313	1326	30	13	0.03	2.13	59
CO9720+	CO9781	6.45	0 1-	1/0ACSR	0	0	1080	312	0	0	0	0.00	2.13	0
CO9719+	CO9781	6.44	0 1-	1/0ACSR	0	0	1080	312	0	0	0	0.00	2.13	0
OC909631188+	CO9719	6.44	0 1-	20 N FUSE	0	0	1080	312	0	0	0	0.00	2.13	0
CO9775+	CO9781	6.53	265 3-	1/0ACSR	1279	1206	1069	312	1326	30	13	0.03	2.16	69
CO9776+	CO9775	6.59	265 3-	1/0ACSR	1271	1199	1062	311	1326	30	13	0.02	2.18	31
CO9777+	CO9776	6.73	264 3-	1/0ACSR	1254	1182	1044	310	1316	30	13	0.04	2.21	74
CO9773+	CO9777	6.83	263 3-	1/0ACSR	1242	1171	1032	309	1306	29	13	0.03	2.24	50
CO9774+	CO9773	6.93	262 3-	1/0ACSR	1230	1159	1020	308	1295	29	13	0.03	2.27	53
CO9928+	CO9774	6.94	37 1-	6ACWC	0	0	1019	308	186	12	9	0.00	2.27	0
OC264+	CO9928	6.94	37 1-	35 H OCR	0	0	1019	308	186	12	36	0.00	2.27	0
CO-1258166927+	OC264	7.07	37 1-	2ACSR	0	0	1003	306	186	12	7	0.02	2.29	7
AU15	CO-1258166927	7.07	37 1-	167 KVA 1PH AUT	0	0	610	168	186	12	110	0.65	2.94	0
CO2075917900	AU15	7.11	36 1-	2ACSR	0	0	606	167	177	24	14	0.03	2.98	10
CO16996	CO2075917900	7.44	36 1-	6ACWC	0	0	578	164	177	24	17	0.35	3.33	102
CO17113	CO16996	7.50	1 1-	6ACWC	0	0	573	163	9	1	1	0.00	3.33	0
CO9221	CO16996	7.49	35 1-	6ACWC	0	0	574	164	167	23	16	0.05	3.38	13
CO9222	CO9221	7.64	35 1-	6ACWC	0	0	561	162	167	23	16	0.16	3.54	43
CO9135	CO9222	7.76	0 1-	6ACWC	0	0	551	161	0	0	0	0.00	3.54	0
CO9231	CO9222	7.83	35 1-	6ACWC	0	0	545	160	167	23	16	0.19	3.73	53
CO9294	CO9231	7.98	31 1-	6ACWC	0	0	533	159	157	21	16	0.14	3.87	36
CO9295	CO9294	8.07	30 1-	6ACWC	0	0	526	158	151	20	15	0.08	3.95	19
CO9228	CO9295	8.14	28 1-	6ACWC	0	0	521	157	138	19	14	0.05	4.01	12
CO9227	CO9228	8.18	26 1-	6ACWC	0	0	517	157	117	16	12	0.03	4.04	6
CO9226	CO9227	8.25	26 1-	6ACWC	0	0	512	156	117	16	12	0.05	4.08	9
CO9225	CO9226	8.34	24 1-	6ACWC	0	0	505	155	104	14	10	0.06	4.14	10
CO9224	CO9225	8.39	23 1-	6ACWC	0	0	501	155	99	13	10	0.03	4.17	5
CO9326	CO9224	8.43	21 1-	6ACWC	0	0	498	154	93	12	9	0.02	4.19	3
CO9328	CO9326	8.43	0 1-	6ACWC	0	0	498	154	0	0	0	0.00	4.19	0
CO9327	CO9328	8.51	0 1-	6ACWC	0	0	492	154	0	0	0	0.00	4.19	0
CO9137	CO9326	8.55	21 1-	6ACWC	0	0	490	153	93	12	9	0.07	4.26	10
CO9138	CO9137	8.66	20 1-	6ACWC	0	0	481	152	92	12	9	0.07	4.33	10
CO9160	CO9138	8.73	1 1-	4ACSR	0	0	476	152	6	0	1	0.00	4.33	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9139	CO9138	8.82	19 1-	6ACWC	0	0	470	151	87	12	9	0.08	4.41	12
CO9141	CO9139	8.96	17 1-	6ACWC	0	0	461	150	73	10	7	0.06	4.47	8
CO9329	CO9141	9.22	0 1-	6ACWC	0	0	444	147	0	0	0	0.00	4.47	0
CO9232	CO9329	9.32	0 1-	6ACWC	0	0	438	147	0	0	0	0.00	4.47	0
CO9233	CO9141	9.02	13 1-	6ACWC	0	0	457	149	67	9	7	0.02	4.50	3
CO9296	CO9233	9.06	12 1-	6ACWC	0	0	454	149	64	8	6	0.01	4.51	0
CO9297	CO9296	9.11	11 1-	6ACWC	0	0	451	148	55	7	6	0.02	4.53	0
CO9234	CO9297	9.13	11 1-	6ACWC	0	0	450	148	55	7	6	0.01	4.54	0
CO9172	CO9234	9.23	1 1-	6ACWC	0	0	444	147	9	1	1	0.00	4.54	0
CO9235	CO9234	9.17	9 1-	4ACSR	0	0	447	148	39	5	4	0.01	4.54	0
CO9236	CO9235	9.26	8 1-	4ACSR	0	0	441	147	37	5	4	0.02	4.57	0
CO9237	CO9236	9.28	8 1-	4ACSR	0	0	440	147	37	5	4	0.00	4.57	0
CO9238	CO9237	9.39	7 1-	4ACSR	0	0	434	146	32	4	3	0.02	4.59	0
CO9183	CO9238	9.52	1 1-	4ACSR	0	0	426	145	6	0	1	0.00	4.59	0
CO9239	CO9238	9.45	6 1-	4ACSR	0	0	430	145	26	3	3	0.01	4.60	0
CO9240	CO9239	9.56	5 1-	4ACSR	0	0	423	145	20	2	2	0.01	4.61	0
CO9174	CO9240	9.67	3 1-	6ACWC	0	0	417	144	12	1	1	0.00	4.62	0
CO9173	CO9240	9.80	1 1-	6ACWC	0	0	410	143	6	0	1	0.00	4.62	0
CO594786392	CO9173	9.89	0 1-	2ACSR	0	0	405	142	0	0	0	0.00	4.62	0
CO9159	CO9141	9.06	4 1-	4ACSR	0	0	454	149	6	0	1	0.00	4.47	0
CO9169	CO9139	8.87	2 1-	4ACSR	0	0	467	150	14	1	1	0.00	4.41	0
CO532251188	CO9169	8.98	1 1-	2ACSR	0	0	461	150	5	0	0	0.00	4.41	0
CO9161	CO9137	8.64	0 1-	4ACSR	0	0	483	152	0	0	0	0.00	4.26	0
CO9229	CO9231	7.88	2 1-	6ACWC	0	0	541	160	9	1	1	0.00	3.73	0
CO9230	CO9229	7.94	2 1-	6ACWC	0	0	536	159	9	1	1	0.00	3.74	0
CO9166	CO16996	7.51	0 1-	6ACWC	0	0	571	163	0	0	0	0.00	3.33	0
CO2020280668	AU15	7.15	1 1-	2ACSR	0	0	603	167	9	1	1	0.00	2.95	0
CO9697+	CO9774	7.18	225 3-	1/0ACSR	1201	1131	992	305	1109	25	11	0.05	2.32	92
CO9766+	CO9697	7.48	222 3-	1/0ACSR	1169	1101	960	303	1093	25	11	0.06	2.38	106
CO9767+	CO9766	7.51	222 3-	1/0ACSR	1166	1098	957	302	1093	25	11	0.01	2.39	11
CO16994+	CO9767	7.58	210 3-	1/0ACSR	1158	1090	950	302	1022	23	10	0.01	2.41	23
CO9127+	CO16994	7.69	210 3-	1/0ACSR	1147	1080	939	301	1022	23	10	0.02	2.43	32
CO9324+	CO9127	7.69	50 1-	4ACSR	0	0	938	301	230	15	11	0.00	2.43	0
OC243+	CO9324	7.69	50 1-	25 E OCR	0	0	938	301	230	15	63	0.00	2.43	0
CO-867656146+	OC243	7.71	50 1-	2ACSR	0	0	936	301	230	15	9	0.00	2.43	0
XFMR107	CO-867656146	7.71	50 1-	167 KVA 1PH AUT	0	0	598	167	230	15	137	0.83	3.26	0
CO-278980305	XFMR107	7.81	50 1-	2ACSR	0	0	590	166	230	31	18	0.10	3.36	36
CO17051	CO-278980305	7.91	50 1-	4ACSR	0	0	582	165	230	31	23	0.13	3.49	49
CO10796	CO17051	7.98	48 1-	4ACSR	0	0	576	164	215	29	21	0.09	3.58	33
CO10689	CO10796	8.09	46 1-	4ACSR	0	0	567	163	194	26	19	0.13	3.71	41
CO10690	CO10689	8.19	44 1-	4ACSR	0	0	559	162	189	26	19	0.12	3.83	37
CO17047	CO10690	8.40	42 1-	4ACSR	0	0	542	160	170	23	17	0.22	4.05	62
CO10887	CO17047	8.47	2 1-	4ACSR	0	0	536	159	7	0	1	0.00	4.06	0
CO10888	CO10887	8.51	1 1-	4ACSR	0	0	533	159	4	0	0	0.00	4.06	0
CO10959	CO17047	8.57	39 1-	4ACSR	0	0	528	158	163	22	16	0.17	4.23	47
CO10960	CO10959	8.61	39 1-	4ACSR	0	0	525	158	163	22	16	0.04	4.27	10
CO10838	CO10960	8.67	1 1-	4ACSR	0	0	520	157	10	1	1	0.00	4.27	0
CO10956	CO10960	8.70	37 1-	4ACSR	0	0	517	157	151	20	15	0.09	4.36	22
CO10957	CO10956	9.11	35 1-	4ACSR	0	0	487	153	144	19	14	0.36	4.72	86
CO917660142	CO10957	9.20	0 1-	2ACSR	0	0	482	153	0	0	0	0.00	4.72	0
CO10815	CO10957	9.23	11 1-	4ACSR	0	0	478	152	52	7	5	0.04	4.76	4
CO10882	CO10815	9.25	3 1-	4ACSR	0	0	477	152	5	0	0	0.00	4.76	0

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10883	CO10882	9.29	3 1-	4ACSR	0	0	475	152	5	0	0	0.00	4.76	0
CO10915	CO10815	9.26	8 1-	4ACSR	0	0	477	152	47	6	5	0.01	4.77	0
CO10953	CO10915	9.29	8 1-	4ACSR	0	0	474	152	47	6	5	0.01	4.77	0
CO-1679270719	CO10953	9.40	3 1-	2ACSR	0	0	468	151	16	2	1	0.01	4.78	0
CO1527881020	CO-1679270719	9.49	3 1-	2ACSR	0	0	463	151	16	2	1	0.00	4.79	0
CO10954	CO10953	9.31	4 1-	4ACSR	0	0	473	152	27	3	3	0.00	4.78	0
CO10916	CO10954	9.38	3 1-	4ACSR	0	0	468	151	18	2	2	0.01	4.79	0
CO10917	CO10916	9.49	3 1-	4ACSR	0	0	461	150	18	2	2	0.01	4.80	0
CO10836	CO10917	9.78	1 1-	4ACSR	0	0	442	147	4	0	0	0.00	4.80	0
CO10835	CO10917	9.68	1 1-	4ACSR	0	0	448	148	1	0	0	0.00	4.80	0
CO10834	CO10917	9.59	1 1-	4ACSR	0	0	454	149	13	1	1	0.00	4.80	0
CO10952	CO10954	9.33	1 1-	4ACSR	0	0	471	151	9	1	1	0.00	4.78	0
CO10955	CO10957	9.21	24 1-	4ACSR	0	0	480	152	91	12	9	0.06	4.78	9
CO10961	CO10955	9.27	24 1-	4ACSR	0	0	476	152	91	12	9	0.03	4.81	5
CO10962	CO10961	9.34	22 1-	4ACSR	0	0	471	151	91	12	9	0.04	4.85	6
CO10812	CO10962	9.48	19 1-	4ACSR	0	0	462	150	86	11	9	0.07	4.92	10
CO10909	CO10812	9.51	15 1-	4ACSR	0	0	460	150	71	9	7	0.01	4.94	0
CO10951	CO10909	9.62	13 1-	4ACSR	0	0	452	149	68	9	7	0.05	4.98	5
CO10910	CO10951	9.71	12 1-	4ACSR	0	0	446	148	66	9	7	0.04	5.02	4
CO10830	CO10910	9.78	1 1-	4ACSR	0	0	442	147	8	1	1	0.00	5.02	0
CO10813	CO10910	9.97	11 1-	4ACSR	0	0	431	146	57	8	6	0.09	5.11	9
CO10814	CO10813	10.08	5 1-	4ACSR	0	0	424	145	21	2	2	0.01	5.13	0
CO10947	CO10814	10.15	3 1-	4ACSR	0	0	420	144	10	1	1	0.00	5.13	0
CO10948	CO10947	10.38	2 1-	4ACSR	0	0	406	143	9	1	1	0.01	5.14	0
CO10829	CO10814	10.15	1 1-	4ACSR	0	0	420	144	10	1	1	0.00	5.13	0
CO10941	CO10813	10.29	5 1-	4ACSR	0	0	412	143	37	5	4	0.07	5.18	4
CO10942	CO10941	10.51	4 1-	4ACSR	0	0	399	142	30	4	3	0.04	5.22	0
CO10831	CO10942	10.52	0 1-	4ACSR	0	0	399	141	0	0	0	0.00	5.22	0
CO10943	CO10942	10.56	4 1-	4ACSR	0	0	397	141	30	4	3	0.01	5.23	0
CO10944	CO10943	10.63	3 1-	4ACSR	0	0	393	141	18	2	2	0.01	5.23	0
CO10881	CO10944	10.71	2 1-	4ACSR	0	0	389	140	8	1	1	0.00	5.23	0
CO10911	CO10812	9.92	3 1-	4ACSR	0	0	433	146	11	1	1	0.02	4.94	0
CO10912	CO10911	10.02	2 1-	4ACSR	0	0	427	145	1	0	0	0.00	4.94	0
CO10949	CO10962	9.39	3 1-	4ACSR	0	0	468	151	6	0	1	0.00	4.85	0
CO10950	CO10949	9.53	2 1-	4ACSR	0	0	458	150	2	0	0	0.00	4.85	0
CO10913	CO10950	9.65	2 1-	4ACSR	0	0	450	149	2	0	0	0.00	4.86	0
CO10914	CO10913	9.84	2 1-	4ACSR	0	0	438	147	2	0	0	0.00	4.86	0
CO10833	CO10914	10.16	1 1-	4ACSR	0	0	419	144	2	0	0	0.00	4.86	0
CO10832	CO10914	9.91	1 1-	4ACSR	0	0	434	146	0	0	0	0.00	4.86	0
CO10837	CO17047	8.49	1 1-	4ACSR	0	0	534	159	0	0	0	0.00	4.05	0
CO10794	CO10690	8.21	2 1-	4ACSR	0	0	557	162	18	2	2	0.00	3.84	0
CO10795	CO10794	8.29	1 1-	4ACSR	0	0	550	161	18	2	2	0.00	3.84	0
CO10719	CO10689	8.12	2 1-	4ACSR	0	0	565	163	5	0	1	0.00	3.71	0
CO10765	CO10796	8.04	2 1-	4ACSR	0	0	571	164	21	2	2	0.01	3.59	0
CO10764	CO10765	8.11	1 1-	4ACSR	0	0	565	163	9	1	1	0.00	3.59	0
CO10763	CO10764	8.16	1 1-	4ACSR	0	0	561	163	9	1	1	0.00	3.60	0
CO10762	CO10763	8.25	1 1-	4ACSR	0	0	554	162	9	1	1	0.00	3.60	0
CO9219+	CO9127	7.79	2 1-	1/0ACSR	0	0	929	300	7	0	0	0.00	2.43	0
OC1239366397+	CO9219	7.79	2 1-	20 N FUSE	0	0	929	300	7	0	3	0.00	2.43	0
CO9153+	OC1239366397	7.86	1 1-	1/0ACSR	0	0	923	299	7	0	0	0.00	2.43	0
CO9220+	OC1239366397	7.84	1 1-	1/0ACSR	0	0	924	300	0	0	0	0.00	2.43	0
CO9192+	CO9127	7.96	158 3-	1/0ACSR	1119	1054	912	298	784	17	8	0.04	2.47	52

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9193+	CO9192	8.01	158 3-	1/0ACSR	1115	1049	908	298	784	17	8	0.01	2.48	9
CO9154+	CO9193	8.08	1 1-	1/0ACSR	0	0	902	297	1	0	0	0.00	2.48	0
OC366311629+	CO9154	8.08	0 1-	20 N FUSE	0	0	902	297	0	0	0	0.00	2.48	0
CO9292+	CO9193	8.14	156 3-	1/0ACSR	1102	1038	896	297	778	17	8	0.02	2.50	23
CO9293+	CO9292	8.17	155 3-	1/0ACSR	1099	1034	893	297	771	17	8	0.01	2.50	6
CO9134+	CO9293	8.22	112 1-	4ACSR	0	0	887	296	599	41	29	0.05	2.55	46
CO9194+	CO9134	8.26	2 1-	4ACSR	0	0	882	295	12	0	1	0.00	2.55	0
CO9195+	CO9194	8.30	2 1-	4ACSR	0	0	878	295	12	0	1	0.00	2.55	0
CO9196+	CO9134	8.38	110 1-	4ACSR	0	0	868	293	587	40	29	0.14	2.69	129
CO17045+	CO9196	8.57	106 1-	4ACSR	0	0	844	290	568	39	28	0.18	2.86	162
CO17048+	CO17045	8.79	4 1-	4ACSR	0	0	820	286	19	1	1	0.00	2.87	0
OC-1001125630+	CO17048	8.79	2 1-	20 N FUSE	0	0	820	286	7	0	2	0.00	2.87	0
CO9303+	OC-1001125630	8.83	2 1-	4ACSR	0	0	815	286	7	0	0	0.00	2.87	0
CO9302+	CO9303	8.87	1 1-	4ACSR	0	0	810	285	4	0	0	0.00	2.87	0
CO10701+	CO17045	8.63	0 1-	4ACSR	0	0	838	289	0	0	0	0.00	2.86	0
CO10700+	CO17045	8.59	3 1-	4ACSR	0	0	842	290	20	1	1	0.00	2.86	0
CO10799+	CO17045	8.58	99 1-	4ACSR	0	0	844	290	528	36	26	0.01	2.87	5
OC295+	CO10799	8.58	99 1-	50 E OCR	0	0	844	290	528	36	73	0.00	2.87	0
CO10800+	OC295	8.62	99 1-	4ACSR	0	0	839	289	528	36	26	0.03	2.90	26
CO10702+	CO10800	8.68	1 1-	4ACSR	0	0	832	288	1	0	0	0.00	2.90	0
CO10792+	CO10800	8.82	97 1-	4ACSR	0	0	817	286	522	36	26	0.16	3.06	137
CO-990790507+	CO10792	8.86	0 1-	2ACSR	0	0	813	286	0	0	0	0.00	3.06	0
CO10793+	CO10792	8.86	97 1-	4ACSR	0	0	812	285	521	36	26	0.03	3.09	28
OC-1070336848+	CO10793	8.86	97 1-	20 N FUSE	0	0	812	285	521	36	180	0.00	3.09	0
CO10678+	OC-1070336848	9.02	96 1-	4ACSR	0	0	795	283	513	35	25	0.13	3.22	109
CO10790+	CO10678	9.11	3 1-	4ACSR	0	0	785	281	11	0	1	0.00	3.22	0
CO10791+	CO10790	9.17	2 1-	4ACSR	0	0	779	280	10	0	0	0.00	3.22	0
CO10712+	CO10678	9.06	1 1-	4ACSR	0	0	790	282	0	0	0	0.00	3.22	0
CO10679+	CO10678	9.23	92 1-	4ACSR	0	0	773	280	502	34	25	0.17	3.39	136
CO10681+	CO10679	9.42	91 1-	4ACSR	0	0	753	277	501	34	25	0.16	3.54	128
CO10739+	CO10681	9.52	10 1-	4ACSR	0	0	744	275	36	2	2	0.01	3.55	0
CO10738+	CO10739	9.62	9 1-	4ACSR	0	0	735	274	34	2	2	0.00	3.55	0
CO10710+	CO10738	9.74	3 1-	4ACSR	0	0	724	272	12	0	1	0.00	3.56	0
CO10709+	CO10738	9.71	1 1-	4ACSR	0	0	726	272	4	0	0	0.00	3.55	0
CO10758+	CO10738	9.72	4 1-	4ACSR	0	0	725	272	16	1	1	0.00	3.56	0
CO10708+	CO10758	9.82	1 1-	4ACSR	0	0	716	271	3	0	0	0.00	3.56	0
CO10757+	CO10758	9.82	1 1-	4ACSR	0	0	716	271	6	0	0	0.00	3.56	0
CO10682+	CO10681	9.59	81 1-	4ACSR	0	0	737	274	464	32	23	0.12	3.67	92
CO10707+	CO10682	9.67	0 1-	4ACSR	0	0	730	273	0	0	0	0.00	3.67	0
CO10683+	CO10682	9.66	81 1-	4ACSR	0	0	731	273	463	32	23	0.05	3.72	39
CO10788+	CO10683	9.92	2 1-	2ACSR	0	0	712	270	13	0	1	0.00	3.72	0
CO10789+	CO10788	10.02	1 1-	2ACSR	0	0	705	269	11	0	0	0.00	3.72	0
CO10746+	CO10789	10.28	1 1-	2ACSR	0	0	687	267	11	0	0	0.00	3.72	0
CO10724+	CO10683	9.70	1 1-	4ACSR	0	0	727	273	15	1	1	0.00	3.72	0
CO10735+	CO10683	9.85	78 1-	4ACSR	0	0	714	270	435	30	22	0.13	3.85	93
CO10734+	CO10735	9.89	78 1-	4ACSR	0	0	710	270	434	30	22	0.02	3.87	18
CO10786+	CO10734	9.94	76 1-	4ACSR	0	0	706	269	430	29	21	0.03	3.91	24
CO10787+	CO10786	9.99	75 1-	4ACSR	0	0	701	268	424	29	21	0.04	3.95	28
XFMR104	CO10787	9.99	75 1-	333 KVA 1PH AUT	0	0	728	165	424	29	128	0.95	4.89	0
CO10684	XFMR104	10.11	73 1-	4ACSR	0	0	710	163	420	58	42	0.31	5.20	218
RG1949182874	CO10684	10.11	73 1-	DEF	0	0	710	163	419	58	0	0.00	5.20	0
CO17046	RG1949182874	11.03	43 1-	2ACSR	0	0	608	157	313	43	24	1.24	6.44	624

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC748203114	CO17046	11.03	43 1-	20 N FUSE	0	0	608	157	310	43	219	0.00	6.44	0
CO8679	OC748203114	11.12	1 1-	4ACSR	0	0	598	156	9	1	1	0.00	6.45	0
CO8691	OC748203114	11.12	42 1-	2ACSR	0	0	599	157	301	42	24	0.12	6.56	57
CO8692	CO8691	11.24	42 1-	2ACSR	0	0	588	156	301	42	24	0.15	6.71	76
OC-309733071	CO8692	11.24	42 1-	20 N FUSE	0	0	588	156	301	42	213	0.00	6.71	0
CO8675	OC-309733071	11.33	34 1-	2ACSR	0	0	580	155	240	34	19	0.09	6.80	35
CO8681	CO8675	11.41	0 1-	4ACSR	0	0	572	154	0	0	0	0.00	6.80	0
CO8676	CO8675	11.34	34 1-	4ACSR	0	0	579	155	240	34	24	0.02	6.82	8
CO8677	CO8676	11.42	33 1-	4ACSR	0	0	570	154	237	33	24	0.12	6.94	48
CO8678	CO8677	11.47	13 1-	4ACSR	0	0	566	154	80	11	8	0.02	6.97	3
CO8709	CO8678	11.50	10 1-	4ACSR	0	0	562	154	52	7	5	0.01	6.98	0
CO8710	CO8709	11.51	10 1-	4ACSR	0	0	561	154	52	7	5	0.00	6.98	0
CO8711	CO8710	11.52	10 1-	4ACSR	0	0	560	153	52	7	5	0.01	6.98	0
CO8712	CO8711	11.60	9 1-	4ACSR	0	0	552	153	47	6	5	0.02	7.00	0
CO8713	CO8712	11.65	8 1-	4ACSR	0	0	547	152	37	5	4	0.01	7.01	0
CO8714	CO8713	11.76	7 1-	4ACSR	0	0	537	151	26	3	3	0.02	7.03	0
CO8684	CO8714	11.81	2 1-	4ACSR	0	0	531	151	8	1	1	0.00	7.03	0
CO8685	CO8684	11.86	1 1-	4ACSR	0	0	527	150	8	1	1	0.00	7.04	0
CO8715	CO8714	11.79	5 1-	4ACSR	0	0	533	151	18	2	2	0.00	7.04	0
OC-1049073041	CO8715	11.79	5 1-	20 N FUSE	0	0	533	151	18	2	13	0.00	7.04	0
CO8716	OC-1049073041	11.92	5 1-	4ACSR	0	0	521	150	18	2	2	0.01	7.05	0
CO8717	CO8716	12.10	5 1-	4ACSR	0	0	505	148	18	2	2	0.01	7.06	0
CO8718	CO8717	12.20	3 1-	4ACSR	0	0	496	148	6	0	1	0.00	7.07	0
CO8690	CO8718	12.27	0 1-	2ACSR	0	0	492	147	0	0	0	0.00	7.07	0
CO8719	CO8718	12.30	2 1-	4ACSR	0	0	488	147	3	0	0	0.00	7.07	0
CO8720	CO8719	12.40	1 1-	4ACSR	0	0	480	146	1	0	0	0.00	7.07	0
CO8721	CO8720	12.45	1 1-	4ACSR	0	0	476	145	1	0	0	0.00	7.07	0
CO8722	CO8721	12.84	1 1-	4ACSR	0	0	447	142	1	0	0	0.00	7.07	0
CO8683	CO8722	12.98	0 1-	4ACSR	0	0	437	141	0	0	0	0.00	7.07	0
CO8682	CO8722	13.00	0 1-	4ACSR	0	0	435	141	0	0	0	0.00	7.07	0
CO8723	CO8722	12.89	1 1-	4ACSR	0	0	443	142	1	0	0	0.00	7.07	0
CO8724	CO8723	12.97	1 1-	4ACSR	0	0	437	141	1	0	0	0.00	7.07	0
CO8725	CO8724	13.02	1 1-	4ACSR	0	0	434	141	1	0	0	0.00	7.07	0
CO8726	CO8725	13.09	1 1-	4ACSR	0	0	429	140	1	0	0	0.00	7.08	0
CO8727	CO8726	13.19	1 1-	4ACSR	0	0	423	140	1	0	0	0.00	7.08	0
CO16985	CO8727	13.27	0 1-	4ACSR	0	0	418	139	0	0	0	0.00	7.08	0
CO8688	CO8678	11.50	1 1-	4ACSR	0	0	563	154	15	2	1	0.00	6.97	0
CO8689	CO8677	11.47	2 1-	4ACSR	0	0	565	154	18	2	2	0.00	6.95	0
CO8693	CO8677	11.45	17 1-	4ACSR	0	0	567	154	130	18	13	0.02	6.97	5
CO8694	CO8693	11.53	16 1-	4ACSR	0	0	559	153	124	17	13	0.06	7.03	13
CO8703	CO8694	11.58	11 1-	4ACSR	0	0	554	153	83	11	8	0.02	7.05	3
CO8704	CO8703	11.60	9 1-	4ACSR	0	0	552	153	65	9	7	0.01	7.06	0
CO8705	CO8704	11.62	9 1-	4ACSR	0	0	550	153	65	9	7	0.01	7.07	0
CO8687	CO8705	11.63	3 1-	4ACSR	0	0	548	152	21	3	2	0.00	7.07	0
CO8706	CO8705	11.69	6 1-	4ACSR	0	0	543	152	43	6	4	0.01	7.08	0
CO8707	CO8706	11.72	3 1-	4ACSR	0	0	540	152	21	2	2	0.00	7.09	0
CO8708	CO8707	11.75	3 1-	4ACSR	0	0	537	151	21	2	2	0.00	7.09	0
CO8695	CO8694	11.61	5 1-	4ACSR	0	0	551	153	41	5	4	0.02	7.05	0
CO8696	CO8695	11.70	3 1-	4ACSR	0	0	542	152	29	4	3	0.02	7.06	0
CO8697	CO8696	11.83	3 1-	4ACSR	0	0	529	151	29	4	3	0.02	7.09	0
CO8698	CO8697	11.89	2 1-	4ACSR	0	0	524	150	23	3	2	0.01	7.09	0
CO8699	CO8698	11.97	2 1-	4ACSR	0	0	516	149	23	3	2	0.01	7.11	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8700	CO8699	12.02	1 1-	4ACSR	0	0	512	149	17	2	2	0.01	7.11	0
CO8701	CO8700	12.05	1 1-	4ACSR	0	0	510	149	17	2	2	0.00	7.11	0
CO8702	CO8701	12.08	1 1-	4ACSR	0	0	507	149	17	2	2	0.00	7.12	0
CO8686	CO8676	11.37	1 1-	4ACSR	0	0	576	155	2	0	0	0.00	6.82	0
CO8680	OC-309733071	11.40	1 1-	4ACSR	0	0	571	154	10	1	1	0.01	6.72	0
CO8733	OC-309733071	11.34	7 1-	1/0PRIURD	0	0	581	314	50	7	5	0.01	6.73	0
CO8734	CO8733	11.39	5 1-	1/0PRIURD	0	0	578	313	29	4	3	0.00	6.73	0
CO8732	CO8734	11.44	4 1-	1/0PRIURD	0	0	574	312	18	2	2	0.00	6.73	0
CO8728	CO8732	11.52	1 1-	1/0PRIURD	0	0	569	310	0	0	0	0.00	6.73	0
CO8730	CO8732	11.53	3 1-	1/0PRIURD	0	0	568	310	17	2	2	0.00	6.73	0
CO8731	CO8730	11.59	1 1-	1/0PRIURD	0	0	564	309	9	1	1	0.00	6.74	0
CO8729	CO8731	11.63	0 1-	1/0PRIURD	0	0	561	308	0	0	0	0.00	6.74	0
CO8736	CO8729	11.68	0 1-	1/0PRIURD	0	0	558	307	0	0	0	0.00	6.74	0
CO8735	CO8736	11.69	0 1-	1/0PRIURD	0	0	557	307	0	0	0	0.00	6.74	0
CO10685	RG1949182874	10.21	28 1-	4ACSR	0	0	696	162	95	13	9	0.06	5.26	9
CO10797	CO10685	10.22	22 1-	4ACSR	0	0	695	162	73	10	7	0.00	5.26	0
OC294	CO10797	10.22	22 1-	15 H OCR	0	0	695	162	73	10	68	0.00	5.26	0
CO10798	OC294	10.32	22 1-	4ACSR	0	0	681	161	73	10	7	0.05	5.31	6
CO10780	CO10798	10.67	21 1-	4ACSR	0	0	633	158	72	10	7	0.16	5.47	19
CO10686	CO10780	10.88	8 1-	4ACSR	0	0	608	156	29	4	3	0.04	5.51	0
CO10687	CO10686	11.00	7 1-	4ACSR	0	0	594	155	29	4	3	0.02	5.53	0
CO10745	CO10687	11.23	3 1-	4ACSR	0	0	567	153	18	2	2	0.03	5.56	0
CO10744	CO10745	11.37	3 1-	4ACSR	0	0	552	152	18	2	2	0.02	5.57	0
CO10761	CO10744	11.43	2 1-	4ACSR	0	0	546	151	0	0	0	0.00	5.57	0
CO10760	CO10761	11.63	1 1-	4ACSR	0	0	527	149	0	0	0	0.00	5.57	0
CO10759	CO10760	11.67	1 1-	4ACSR	0	0	523	149	0	0	0	0.00	5.57	0
CO10716	CO10744	11.45	1 1-	4ACSR	0	0	545	151	18	2	2	0.00	5.58	0
CO10741	CO10687	11.21	4 1-	4ACSR	0	0	570	153	11	1	1	0.01	5.54	0
CO10740	CO10741	11.28	4 1-	4ACSR	0	0	562	152	11	1	1	0.01	5.55	0
CO10688	CO10740	11.43	3 1-	4ACSR	0	0	546	151	4	0	0	0.00	5.55	0
CO10714	CO10688	11.55	0 1-	4ACSR	0	0	534	150	0	0	0	0.00	5.55	0
CO10743	CO10688	11.49	1 1-	4ACSR	0	0	540	150	0	0	0	0.00	5.55	0
CO10742	CO10743	11.60	1 1-	4ACSR	0	0	529	150	0	0	0	0.00	5.55	0
CO17049	CO10742	11.73	1 1-	4ACSR	0	0	517	148	0	0	0	0.00	5.55	0
CO10713	CO10742	11.73	0 1-	4ACSR	0	0	517	148	0	0	0	0.00	5.55	0
CO10715	CO10740	11.35	1 1-	4ACSR	0	0	555	152	7	0	1	0.00	5.55	0
CO10717	CO10687	11.05	0 1-	4ACSR	0	0	587	154	0	0	0	0.00	5.53	0
CO10718	CO10686	10.91	1 1-	4ACSR	0	0	604	156	0	0	0	0.00	5.51	0
CO10737	CO10780	10.90	13 1-	4ACSR	0	0	605	156	42	5	4	0.06	5.53	4
OC1044560249	CO10737	10.90	13 1-	20 N FUSE	0	0	605	156	42	5	30	0.00	5.53	0
CO10736	OC1044560249	11.01	13 1-	4ACSR	0	0	592	155	42	5	4	0.03	5.56	0
CO10703	CO10736	11.06	1 1-	4ACSR	0	0	587	154	0	0	0	0.00	5.56	0
CO10803	CO10736	11.75	11 1-	4ACSR	0	0	515	148	42	5	4	0.20	5.76	14
CO10776	CO10803	11.86	10 1-	4ACSR	0	0	505	147	42	5	4	0.03	5.79	0
CO10694	CO10776	11.98	0 1-	4ACSR	0	0	495	146	0	0	0	0.00	5.79	0
CO10726	CO10776	12.21	7 1-	4ACSR	0	0	476	144	8	1	1	0.02	5.80	0
OC-1901880658	CO10726	12.21	7 1-	20 N FUSE	0	0	476	144	8	1	6	0.00	5.80	0
CO10725	OC-1901880658	12.38	7 1-	4ACSR	0	0	462	143	8	1	1	0.01	5.81	0
CO10674	CO10725	12.62	5 1-	4ACSR	0	0	444	141	7	1	1	0.01	5.82	0
CO10675	CO10674	12.98	4 1-	4ACSR	0	0	420	139	7	1	1	0.02	5.84	0
CO17043	CO10675	13.21	3 1-	4ACSR	0	0	405	137	7	1	1	0.01	5.85	0
CO10963	CO17043	13.44	3 1-	4ACSR	0	0	392	135	7	1	1	0.01	5.86	0

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10982	CO10963	13.56	2 1-	4ACSR	0	0	386	134	7	1	1	0.01	5.87	0
CO10886	CO10982	13.61	2 1-	4ACSR	0	0	382	134	7	1	1	0.00	5.87	0
CO10827	CO10963	13.62	1 1-	4ACSR	0	0	382	134	0	0	0	0.00	5.86	0
CO17304	CO10675	13.39	1 1-	4ACSR	0	0	395	136	0	0	0	0.00	5.84	0
CO10773	CO17304	13.45	1 1-	4ACSR	0	0	392	135	0	0	0	0.00	5.84	0
CO10772	CO10773	13.51	1 1-	4ACSR	0	0	388	135	0	0	0	0.00	5.84	0
CO10693	CO10674	12.69	1 1-	4ACSR	0	0	440	141	0	0	0	0.00	5.82	0
CO10673	CO10725	12.50	2 1-	4ACSR	0	0	453	142	1	0	0	0.00	5.81	0
CO10692	CO10673	12.60	2 1-	4ACSR	0	0	446	141	1	0	0	0.00	5.81	0
CO10691	CO10673	12.72	0 1-	4ACSR	0	0	437	140	0	0	0	0.00	5.81	0
CO10774	CO10776	12.11	2 1-	4ACSR	0	0	484	145	34	4	3	0.04	5.83	0
CO10775	CO10774	12.24	1 1-	4ACSR	0	0	473	144	21	2	2	0.01	5.84	0
CO10777	CO10736	11.07	1 1-	4ACSR	0	0	585	154	0	0	0	0.00	5.56	0
CO10778	CO10777	11.10	1 1-	4ACSR	0	0	582	154	0	0	0	0.00	5.56	0
CO10779	CO10778	11.19	0 1-	4ACSR	0	0	572	153	0	0	0	0.00	5.56	0
CO10781	CO10685	10.33	6 1-	4ACSR	0	0	680	161	22	3	2	0.02	5.28	0
CO10782	CO10781	10.44	6 1-	4ACSR	0	0	664	160	22	3	2	0.01	5.29	0
CO10783	CO10782	10.74	5 1-	4ACSR	0	0	624	157	16	2	2	0.03	5.32	0
CO10784	CO10783	10.81	4 1-	4ACSR	0	0	616	157	16	2	2	0.01	5.33	0
CO10704	CO10784	10.89	0 1-	4ACSR	0	0	607	156	0	0	0	0.00	5.33	0
CO10801	CO10784	11.29	4 1-	4ACSR	0	0	561	152	16	2	2	0.05	5.38	0
CO10785	CO10801	11.50	4 1-	4ACSR	0	0	539	150	16	2	2	0.02	5.40	0
CO10802	CO10785	11.58	4 1-	4ACSR	0	0	531	150	16	2	2	0.01	5.41	0
CO10751	CO10802	11.62	0 1-	4ACSR	0	0	528	149	0	0	0	0.00	5.41	0
CO10750	CO10751	11.64	0 1-	4ACSR	0	0	526	149	0	0	0	0.00	5.41	0
CO10754	CO10802	11.62	2 1-	4ACSR	0	0	528	149	12	1	1	0.00	5.41	0
CO10753	CO10754	11.66	2 1-	4ACSR	0	0	524	149	12	1	1	0.00	5.41	0
CO10752	CO10753	11.87	1 1-	4ACSR	0	0	505	147	12	1	1	0.01	5.42	0
CO10721	RG1949182874	10.16	2 1-	4ACSR	0	0	704	163	12	1	1	0.00	5.21	0
CO10705	XFMR104	10.08	0 1-	4ACSR	0	0	716	164	0	0	0	0.00	4.89	0
CO10756	XFMR104	10.08	2 1-	4ACSR	0	0	716	164	3	0	0	0.00	4.89	0
CO10755	CO10756	10.14	1 1-	4ACSR	0	0	707	163	1	0	0	0.00	4.89	0
CO10706+	CO10734	9.93	2 1-	4ACSR	0	0	706	269	4	0	0	0.00	3.87	0
CO10680+	CO10679	9.61	1 1-	4ACSR	0	0	735	274	0	0	0	0.00	3.39	0
CO10711+	CO10679	9.25	0 1-	4ACSR	0	0	770	279	0	0	0	0.00	3.39	0
CO10720+	OC-1070336848	9.03	0 1-	4ACSR	0	0	794	283	0	0	0	0.00	3.09	0
CO-1327923143+	OC-1070336848	8.88	1 1-	2ACSR	0	0	810	285	8	0	0	0.00	3.09	0
CO9155+	CO9293	8.26	4 1-	1/0ACSR	0	0	886	296	24	1	1	0.00	2.50	0
XFMR105	CO9293	8.17	39 1-	167 KVA 1PH AUT	0	0	590	166	148	10	88	0.51	3.01	0
CO9128	XFMR105	8.21	39 1-	4ACSR	0	0	587	166	148	20	15	0.03	3.04	8
CO9156	CO9128	8.29	1 1-	4ACSR	0	0	580	165	11	1	1	0.00	3.05	0
CO9322	CO9128	8.22	35 1-	4ACSR	0	0	586	166	129	17	13	0.01	3.05	0
OC239	CO9322	8.22	35 1-	25 H OCR	0	0	586	166	129	17	71	0.00	3.05	0
CO9323	OC239	8.49	35 1-	4ACSR	0	0	564	163	129	17	13	0.21	3.26	44
CO9140	CO9323	8.55	31 1-	4ACSR	0	0	559	162	117	16	12	0.04	3.30	8
CO9164	CO9140	8.58	1 1-	4ACSR	0	0	557	162	9	1	1	0.00	3.30	0
CO9215	CO9140	8.81	30 1-	4ACSR	0	0	538	160	108	14	11	0.17	3.47	31
CO9216	CO9215	9.02	30 1-	4ACSR	0	0	521	158	108	14	11	0.14	3.61	25
CO9129	CO9216	9.09	24 1-	4ACSR	0	0	516	157	74	10	7	0.03	3.64	4
CO9312	CO9129	9.69	2 1-	4ACSR	0	0	472	152	0	0	0	0.00	3.64	0
CO9313	CO9312	9.80	2 1-	4ACSR	0	0	465	151	0	0	0	0.00	3.64	0
CO9298	CO9313	9.90	2 1-	4ACSR	0	0	457	150	0	0	0	0.00	3.64	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9307	CO9298	10.08	1 1-	4ACSR	0	0	446	148	0	0	0	0.00	3.64	0
CO9308	CO9307	10.15	1 1-	4ACSR	0	0	442	148	0	0	0	0.00	3.64	0
CO9311	CO9313	10.35	0 1-	4ACSR	0	0	429	146	0	0	0	0.00	3.64	0
CO17107	CO9311	10.42	0 1-	4ACSR	0	0	425	145	0	0	0	0.00	3.64	0
CO8669	CO17107	10.51	0 1-	4ACSR	0	0	420	144	0	0	0	0.00	3.64	0
CO9208	CO9129	9.20	22 1-	4ACSR	0	0	507	156	73	10	7	0.05	3.70	6
CO9209	CO9208	9.46	20 1-	4ACSR	0	0	488	154	69	9	7	0.10	3.80	11
CO9133	CO9209	9.52	5 1-	4ACSR	0	0	484	153	9	1	1	0.00	3.80	0
CO9157	CO9133	9.62	2 1-	4ACSR	0	0	476	152	3	0	0	0.00	3.80	0
CO9204	CO9133	9.58	1 1-	4ACSR	0	0	479	152	3	0	0	0.00	3.80	0
CO9205	CO9204	9.66	1 1-	4ACSR	0	0	474	152	3	0	0	0.00	3.80	0
CO9309	CO9205	9.75	0 1-	4ACSR	0	0	468	151	0	0	0	0.00	3.80	0
CO9310	CO9309	9.83	0 1-	4ACSR	0	0	462	150	0	0	0	0.00	3.80	0
CO9189	CO9205	9.72	1 1-	2ACSR	0	0	471	151	3	0	0	0.00	3.80	0
CO9130	CO9209	9.63	14 1-	4ACSR	0	0	476	152	47	6	5	0.05	3.84	4
CO9206	CO9130	9.71	1 1-	4ACSR	0	0	470	151	1	0	0	0.00	3.84	0
CO9207	CO9206	9.90	0 1-	4ACSR	0	0	458	150	0	0	0	0.00	3.84	0
CO9202	CO9130	9.68	13 1-	4ACSR	0	0	473	152	47	6	5	0.01	3.86	0
CO9203	CO9202	9.75	12 1-	4ACSR	0	0	468	151	39	5	4	0.02	3.87	0
CO9131	CO9203	9.99	8 1-	4ACSR	0	0	452	149	15	2	1	0.02	3.90	0
CO9132	CO9131	10.05	7 1-	4ACSR	0	0	448	148	11	1	1	0.00	3.90	0
CO9198	CO9132	10.10	3 1-	4ACSR	0	0	445	148	9	1	1	0.00	3.90	0
CO9199	CO9198	10.15	2 1-	4ACSR	0	0	442	148	9	1	1	0.00	3.91	0
CO9197	CO9199	10.20	1 1-	4ACSR	0	0	439	147	5	0	0	0.00	3.91	0
CO9200	CO9132	10.11	4 1-	4ACSR	0	0	444	148	2	0	0	0.00	3.90	0
CO9289	CO9200	10.17	2 1-	4ACSR	0	0	440	147	0	0	0	0.00	3.90	0
CO9201	CO9289	10.29	1 1-	4ACSR	0	0	433	146	0	0	0	0.00	3.90	0
CO9165	CO9131	10.06	1 1-	4ACSR	0	0	447	148	4	0	0	0.00	3.90	0
CO9158	CO9203	9.83	3 1-	4ACSR	0	0	463	150	14	1	1	0.00	3.88	0
CO9168	CO9203	9.79	1 1-	4ACSR	0	0	465	151	10	1	1	0.00	3.88	0
CO9186	CO9216	9.05	0 1-	2ACSR	0	0	519	158	0	0	0	0.00	3.61	0
CO9213	CO9216	9.14	5 1-	4ACSR	0	0	511	157	30	4	3	0.02	3.63	0
CO9214	CO9213	9.17	4 1-	4ACSR	0	0	509	156	25	3	2	0.00	3.64	0
CO9212	CO9214	9.20	2 1-	4ACSR	0	0	507	156	19	2	2	0.00	3.64	0
CO852177987	CO9212	9.41	2 1-	2ACSR	0	0	494	155	19	2	1	0.02	3.66	0
CO2057664474	CO852177987	10.03	0 1-	2ACSR	0	0	458	151	0	0	0	0.00	3.66	0
CO1645383309	CO852177987	9.45	2 1-	2ACSR	0	0	492	154	19	2	1	0.00	3.66	0
CO2106343553	CO1645383309	9.50	0 1-	2ACSR	0	0	489	154	0	0	0	0.00	3.66	0
CO9211	CO9212	9.28	0 1-	4ACSR	0	0	501	155	0	0	0	0.00	3.64	0
CO9210	CO9211	9.31	0 1-	4ACSR	0	0	499	155	0	0	0	0.00	3.64	0
CO9217	CO9323	8.55	3 1-	4ACSR	0	0	558	162	9	1	1	0.00	3.26	0
CO9218	CO9217	8.59	1 1-	4ACSR	0	0	555	162	2	0	0	0.00	3.26	0
CO9167+	CO9193	8.05	1 1-	4ACSR	0	0	903	297	5	0	0	0.00	2.48	0
CO16993+	CO9767	7.59	12 1-	4ACSR	0	0	947	301	71	4	3	0.01	2.40	0
OC609286491+	CO16993	7.59	11 1-	20 N FUSE	0	0	947	301	68	4	23	0.00	2.40	0
CO9190+	OC609286491	7.60	11 1-	4ACSR	0	0	944	301	68	4	3	0.00	2.40	0
CO9191+	CO9190	7.69	10 1-	4ACSR	0	0	932	299	62	4	3	0.01	2.41	0
CO16995+	CO9191	7.77	9 1-	4ACSR	0	0	921	298	56	3	3	0.01	2.41	0
CO9768+	CO16995	7.78	6 1-	4ACSR	0	0	919	298	43	2	2	0.00	2.42	0
CO9718+	CO9768	7.83	1 1-	4ACSR	0	0	913	297	12	0	1	0.00	2.42	0
CO9769+	CO9768	7.87	5 1-	4ACSR	0	0	908	296	31	2	2	0.00	2.42	0
CO9770+	CO9769	7.90	4 1-	4ACSR	0	0	904	296	22	1	1	0.00	2.42	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9771+	CO9770	7.93	3 1-	4ACSR	0	0	900	295	17	1	1	0.00	2.42	0
CO9772+	CO9771	7.98	2 1-	4ACSR	0	0	893	294	10	0	1	0.00	2.42	0
CO-1204463407+	CO9772	8.02	1 1-	2ACSR	0	0	889	294	1	0	0	0.00	2.42	0
CO9731+	CO9697	7.27	2 1-	4ACSR	0	0	979	304	7	0	0	0.00	2.32	0
OC-2003571691+	CO9731	7.27	0 1-	20 N FUSE	0	0	979	304	0	0	0	0.00	2.32	0
CO302256723+	OC-2003571691	7.29	0 1-	2ACSR	0	0	976	304	0	0	0	0.00	2.32	0
CO9717+	CO9697	7.30	0 1-	1/0ACSR	0	0	979	304	0	0	0	0.00	2.32	0
CO9749+	CO9710	4.65	3 1-	1/0ACSR	0	0	1368	330	9	0	0	0.00	1.64	0
OC-176372416+	CO9749	4.65	0 1-	20 N FUSE	0	0	1368	330	0	0	0	0.00	1.64	0
CO9249+	CO9251	4.15	3 1-	336 MCM ACSR 30	0	0	1453	333	9	0	0	0.00	1.49	0
OC-154124734+	CO9249	4.15	2 1-	20 N FUSE	0	0	1453	333	6	0	2	0.00	1.49	0
CO9250+	OC-154124734	4.21	2 1-	336 MCM ACSR 30	0	0	1444	333	6	0	0	0.00	1.49	0
CO9318+	CO9143	3.68	7 1-	4ACSR	0	0	1528	335	19	1	1	0.00	1.36	0
OC242+	CO9318	3.68	7 1-	10 N FUSE	0	0	1528	335	19	1	13	0.00	1.36	0
CO9319+	OC242	3.72	7 1-	4ACSR	0	0	1518	334	19	1	1	0.00	1.36	0
CO9257+	CO9319	3.79	7 1-	4ACSR	0	0	1496	333	19	1	1	0.00	1.36	0
CO9258+	CO9257	3.88	6 1-	4ACSR	0	0	1467	331	17	1	1	0.00	1.37	0
CO9171+	CO9258	4.02	1 1-	4ACSR	0	0	1424	328	1	0	0	0.00	1.37	0
CO9259+	CO9258	3.98	4 1-	4ACSR	0	0	1439	329	17	1	1	0.00	1.37	0
CO9260+	CO9259	4.02	2 1-	4ACSR	0	0	1426	328	10	0	0	0.00	1.37	0
CO9316+	CO9142	3.62	2 1-	4ACSR	0	0	1540	336	5	0	0	0.00	1.34	0
OC241+	CO9316	3.62	2 1-	10 N FUSE	0	0	1540	336	5	0	3	0.00	1.34	0
CO9317+	OC241	3.73	2 1-	4ACSR	0	0	1503	333	5	0	0	0.00	1.34	0
CO9301+	CO9317	3.78	2 1-	4ACSR	0	0	1488	332	5	0	0	0.00	1.34	0
CO9306+	CO9301	3.83	1 1-	4ACSR	0	0	1473	331	0	0	0	0.00	1.34	0
CO16997+	CO9306	4.07	1 1-	4ACSR	0	0	1402	326	0	0	0	0.00	1.34	0
CO9188+	CO9263	3.53	2 1-	2ACSR	0	0	1553	336	18	1	1	0.00	1.30	0
OC627837893+	CO9188	3.53	0 1-	20 N FUSE	0	0	1553	336	0	0	0	0.00	1.30	0
CO9261+	CO9263	3.57	4 1-	2ACSR	0	0	1541	335	33	2	1	0.00	1.30	0
OC-2065405731+	CO9261	3.57	2 1-	20 N FUSE	0	0	1541	335	18	1	6	0.00	1.30	0
CO9262+	OC-2065405731	3.65	2 1-	2ACSR	0	0	1518	334	18	1	1	0.00	1.30	0
CO9180+	CO9147	2.81	5 1-	336 MCM ACSR 30	0	0	1699	339	9	0	0	0.00	1.06	0
OC-39694830+	CO9180	2.81	3 1-	20 N FUSE	0	0	1699	339	6	0	2	0.00	1.06	0
CO1999285643+	OC-39694830	2.86	3 1-	2ACSR	0	0	1683	339	6	0	0	0.00	1.06	0
CO9266+	CO9150	2.80	12 1-	336 MCM ACSR 30	0	0	1701	339	32	2	0	0.00	1.06	0
OC1433999745+	CO9266	2.80	7 1-	20 N FUSE	0	0	1701	339	22	1	7	0.00	1.06	0
CO9267+	OC1433999745	2.87	7 1-	336 MCM ACSR 30	0	0	1686	339	22	1	0	0.00	1.06	0
CO9268+	CO9267	2.88	3 1-	336 MCM ACSR 30	0	0	1684	339	16	1	0	0.00	1.06	0
CO9269+	CO9268	2.93	3 1-	336 MCM ACSR 30	0	0	1674	339	16	1	0	0.00	1.06	0
CO9314+	CO9272	2.43	32 1-	6ACWC	0	0	1781	341	152	10	7	0.00	0.96	0
OC240+	CO9314	2.43	32 1-	70 E OCR	0	0	1781	341	152	10	15	0.00	0.96	0
CO9315+	OC240	2.52	32 1-	6ACWC	0	0	1745	339	152	10	7	0.02	0.98	5
CO9170+	CO9315	2.64	4 1-	6ACWC	0	0	1698	336	11	0	1	0.00	0.98	0
CO9276+	CO9315	2.65	28 1-	6ACWC	0	0	1692	336	142	9	7	0.03	1.01	6
CO9277+	CO9276	2.73	28 1-	6ACWC	0	0	1662	335	142	9	7	0.02	1.02	3
CO9152+	CO9277	2.81	23 1-	6ACWC	0	0	1630	333	116	7	6	0.01	1.04	3
CO9287+	CO9152	2.86	10 1-	6ACWC	0	0	1614	332	60	4	3	0.00	1.04	0
CO9288+	CO9287	2.89	10 1-	6ACWC	0	0	1600	331	60	4	3	0.00	1.05	0
CO9146+	CO9288	3.05	9 1-	6ACWC	0	0	1544	328	54	3	3	0.01	1.06	0
CO9285+	CO9146	3.16	7 1-	6ACWC	0	0	1505	326	41	2	2	0.01	1.06	0
CO9286+	CO9285	3.31	6 1-	6ACWC	0	0	1453	323	32	2	2	0.01	1.07	0
CO9284+	CO9286	3.33	6 1-	6ACWC	0	0	1447	322	32	2	2	0.00	1.07	0

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9283+	CO9284	3.44	6 1-	6ACWC	0	0	1411	320	32	2	2	0.00	1.08	0
CO9187+	CO9283	3.54	5 1-	2ACSR	0	0	1386	319	21	1	1	0.00	1.08	0
CO9178+	CO9146	3.20	2 1-	6ACWC	0	0	1492	325	13	0	1	0.00	1.06	0
CO9179+	CO9288	3.20	1 1-	6ACWC	0	0	1492	325	6	0	0	0.00	1.05	0
CO9281+	CO9152	2.90	12 1-	6ACWC	0	0	1598	331	57	3	3	0.01	1.05	0
CO9282+	CO9281	2.94	7 1-	6ACWC	0	0	1585	330	44	3	2	0.00	1.05	0
CO9280+	CO9282	2.97	5 1-	6ACWC	0	0	1573	330	27	1	1	0.00	1.05	0
CO9279+	CO9280	2.99	2 1-	6ACWC	0	0	1563	329	12	0	1	0.00	1.05	0
CO9278+	CO9279	3.03	2 1-	6ACWC	0	0	1549	328	12	0	1	0.00	1.05	0
CO9182+	CO9277	2.81	2 1-	6ACWC	0	0	1630	333	9	0	0	0.00	1.02	0
CO9270+	CO9272	2.47	12 1-	336 MCM ACSR 30	0	0	1775	341	33	2	0	0.00	0.96	0
CO9177+	CO9270	2.50	1 1-	336 MCM ACSR 30	0	0	1768	341	0	0	0	0.00	0.96	0
CO9271+	CO9270	2.50	8 1-	336 MCM ACSR 30	0	0	1766	341	29	1	0	0.00	0.96	0
CO16992+	CO9271	2.58	2 1-	336 MCM ACSR 30	0	0	1749	340	15	1	0	0.00	0.96	0
CO8823+	CO16992	2.69	1 1-	2ACSR	0	0	1710	339	6	0	0	0.00	0.96	0
CO1052042895+	CO730725189	2.40	1 1-	2ACSR	0	0	1768	339	17	1	1	0.00	0.81	0
OC-1129340370+	CO1052042895	2.40	0 1-	20 N FUSE	0	0	1768	339	0	0	0	0.00	0.81	0
CO9097+	CO9010	1.23	3 1-	4ACSR	0	0	2135	347	13	0	1	0.00	0.44	0
OC225+	CO9097	1.23	3 1-	20 N FUSE	0	0	2135	347	13	0	4	0.00	0.44	0
CO9098+	OC225	1.29	3 1-	4ACSR	0	0	2102	346	13	0	1	0.00	0.44	0
CO8775+	CO9098	1.47	2 1-	336 MCM ACSR 30	0	0	2045	345	9	0	0	0.00	0.44	0
CO8774+	CO9098	1.42	1 1-	336 MCM ACSR 30	0	0	2061	346	4	0	0	0.00	0.44	0
CO8776+	CO8737	0.23	1 1-	336 MCM ACSR 30	0	0	2530	352	3	0	0	0.00	0.06	0
OC686693937+	CO8776	0.23	0 1-	20 N FUSE	0	0	2530	352	0	0	0	0.00	0.06	0
CO8837+	CO9122	0.02	7 1-	4ACSR	0	0	2626	353	22	1	1	0.00	0.00	0
CO8838+	CO8837	0.05	7 1-	4ACSR	0	0	2608	352	22	1	1	0.00	0.01	0
CO9092+	CO8838	0.07	1 1-	4ACSR	0	0	2593	352	1	0	0	0.00	0.01	0
CO9093+	CO9092	0.17	1 1-	4ACSR	0	0	2514	349	1	0	0	0.00	0.01	0
CO8901+	CO9093	0.52	1 1-	4ACSR	0	0	2245	342	1	0	0	0.00	0.01	0
CO8900+	CO8901	0.69	1 1-	4ACSR	0	0	2129	338	1	0	0	0.00	0.01	0
CO8899+	CO8900	0.88	1 1-	4ACSR	0	0	2006	334	1	0	0	0.00	0.01	0
CO8898+	CO8899	1.18	1 1-	4ACSR	0	0	1825	328	1	0	0	0.00	0.01	0
CO9084+	CO8838	0.08	5 1-	4ACSR	0	0	2580	351	21	1	1	0.00	0.01	0
CO9085+	CO9084	0.11	3 1-	4ACSR	0	0	2561	351	19	1	1	0.00	0.01	0
CO8785+	CO9085	0.12	3 1-	4ACSR	0	0	2551	351	19	1	1	0.00	0.01	0
CO9072+	CO8838	0.06	1 1-	2ACSR	0	0	2595	352	1	0	0	0.00	0.01	0
CO9073+	CO9072	0.13	1 1-	2ACSR	0	0	2549	351	1	0	0	0.00	0.01	0
CO9121+	CO9120	0.02	219 3-	750 MCM - 42 wi	2419	2620	2632	353	1458	32	3	0.00	0.00	0
Hart Pk+	CO9121	0.02	219 3-	560 200WVE	2419	2620	2632	353	1458	32	6	0.00	0.00	0
CO8836+	Hart Pk	0.04	219 3-	336ACSR	2413	2608	2620	353	1458	32	6	0.00	0.01	5
CO9058+	CO8836	0.08	219 3-	336ACSR	2404	2592	2604	353	1458	32	6	0.00	0.01	6
CO9059+	CO9058	0.18	219 3-	336ACSR	2377	2545	2556	352	1458	32	6	0.01	0.02	19
CO9061+	CO9059	0.27	219 3-	336ACSR	2351	2502	2511	352	1458	32	6	0.01	0.03	18
CO9064+	CO9061	0.32	219 3-	336ACSR	2338	2479	2487	352	1458	32	6	0.01	0.04	10
CO9065+	CO9064	0.36	219 3-	336ACSR	2329	2465	2473	351	1458	32	6	0.00	0.04	6
CO9067+	CO9065	0.41	219 3-	336ACSR	2316	2443	2450	351	1458	32	6	0.01	0.05	10
CO9070+	CO9067	0.45	219 3-	336ACSR	2305	2425	2431	351	1458	32	6	0.00	0.05	8
CO9071+	CO9070	0.57	219 3-	336ACSR	2274	2377	2379	350	1458	32	6	0.01	0.06	23
CO8996+	CO9071	0.68	219 3-	4ACSR	2233	2310	2312	348	1457	32	23	0.06	0.13	156
CO8997+	CO8996	0.79	219 3-	4ACSR	2186	2238	2237	346	1457	32	23	0.07	0.20	178
CO8998+	CO8997	0.87	219 3-	4ACSR	2150	2187	2182	344	1456	32	23	0.05	0.26	132

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1398093830+	CO8998	0.94	3 3-	2ACSR	2126	2154	2145	343	34	0	0	0.00	0.26	0
CO-2112957331+	CO1398093830	1.00	3 3-	2ACSR	2106	2126	2115	342	34	0	0	0.00	0.26	0
CO8994+	CO-2112957331	1.05	1 1-	4ACSR	0	0	2083	341	3	0	0	0.00	0.26	0
CO8995+	CO8994	1.10	1 1-	4ACSR	0	0	2048	340	3	0	0	0.00	0.26	0
CO-1237095571+	CO-2112957331	1.03	2 3-	2ACSR	2094	2110	2097	341	32	0	0	0.00	0.26	0
CO-1010102373+	CO-1237095571	1.07	2 3-	1/0PRIURD	2090	2098	2080	800	32	0	0	0.00	0.26	0
CO8740+	CO8998	1.00	215 3-	4ACSR	2097	2115	2102	341	1416	31	23	0.08	0.34	185
CO8741+	CO8740	1.17	214 3-	4ACSR	2024	2024	1999	337	1373	30	22	0.10	0.44	237
CO8780+	CO8741	1.25	0 1-	4ACSR	0	0	1955	336	0	0	0	0.00	0.44	0
OC-849660451+	CO8780	1.25	0 1-	20 N FUSE	0	0	1955	336	0	0	0	0.00	0.44	0
CO8742+	CO8741	1.59	214 3-	4ACSR	1853	1828	1772	329	1372	30	22	0.25	0.70	579
CO9101+	CO8742	1.59	1 1-	4ACSR	0	0	1769	329	4	0	0	0.00	0.70	0
OC227+	CO9101	1.59	1 1-	10 N FUSE	0	0	1769	329	4	0	2	0.00	0.70	0
CO9102+	OC227	1.79	1 1-	4ACSR	0	0	1675	325	4	0	0	0.00	0.70	0
CO8989+	CO9102	1.89	0 1-	4ACSR	0	0	1629	323	0	0	0	0.00	0.70	0
CO8990+	CO8989	1.99	0 1-	4ACSR	0	0	1584	321	0	0	0	0.00	0.70	0
CO8987+	CO8742	1.68	213 3-	4ACSR	1815	1787	1724	327	1365	30	22	0.06	0.75	134
CO8988+	CO8987	1.76	212 3-	4ACSR	1785	1755	1687	325	1362	30	22	0.05	0.80	106
CO8748+	CO8988	1.95	211 3-	4ACSR	1715	1682	1602	322	1360	30	22	0.11	0.92	259
CO8985+	CO8748	2.06	4 1-	4ACSR	0	0	1557	320	7	0	0	0.00	0.92	0
OC-296303887+	CO8985	2.06	3 1-	20 N FUSE	0	0	1557	320	7	0	2	0.00	0.92	0
CO8986+	OC-296303887	2.16	3 1-	4ACSR	0	0	1515	318	7	0	0	0.00	0.92	0
CO8747+	CO8748	2.23	205 3-	4ACSR	1615	1580	1487	316	1346	30	22	0.17	1.09	382
CO16978+	CO8747	2.48	203 3-	4ACSR	1536	1502	1399	312	1339	30	22	0.14	1.23	323
CO8527+	CO16978	2.51	202 3-	4ACSR	1525	1491	1387	311	1334	30	22	0.02	1.25	46
CO8608+	CO8527	2.61	1 1-	4ACSR	0	0	1356	309	1	0	0	0.00	1.25	0
OC1111394777+	CO8608	2.61	1 1-	20 N FUSE	0	0	1356	309	1	0	0	0.00	1.25	0
CO8607+	OC1111394777	2.64	1 1-	4ACSR	0	0	1344	309	1	0	0	0.00	1.25	0
CO8605+	CO8527	2.57	3 1-	4ACSR	0	0	1368	310	9	0	0	0.00	1.25	0
OC386180883+	CO8605	2.57	1 1-	20 N FUSE	0	0	1368	310	2	0	1	0.00	1.25	0
CO8606+	OC386180883	2.61	1 1-	4ACSR	0	0	1356	309	2	0	0	0.00	1.25	0
CO8414+	CO8527	2.58	198 3-	4ACSR	1502	1469	1363	310	1323	30	21	0.04	1.30	96
CO8610+	CO8414	2.77	1 1-	4ACSR	0	0	1303	306	7	0	0	0.00	1.30	0
OC1080640217+	CO8610	2.77	1 1-	20 N FUSE	0	0	1303	306	7	0	2	0.00	1.30	0
CO8609+	OC1080640217	2.81	1 1-	4ACSR	0	0	1292	306	7	0	0	0.00	1.30	0
CO8415+	CO8414	2.65	0 3-	1/0ACSR	1491	1457	1350	309	0	0	0	0.00	1.30	0
CO8658+	CO8415	2.65	0 3-	1/0ACSR	1490	1456	1348	309	0	0	0	0.00	1.30	0
XFMR15	CO8658	2.65	0 3-	333 KVA 1PH AUT	990	977	956	171	0	0	0	0.00	1.30	0
CO8529+	CO8414	2.65	194 3-	1/0ACSR	1489	1456	1348	309	1309	29	13	0.02	1.31	35
CO8655+	CO8529	2.72	193 3-	1/0ACSR	1478	1444	1335	309	1309	29	13	0.02	1.33	32
CO8528+	CO8655	2.90	190 3-	1/0ACSR	1445	1410	1297	307	1285	29	13	0.05	1.38	90
CO8530+	CO8528	3.04	188 3-	1/0ACSR	1422	1386	1271	306	1275	29	13	0.03	1.41	65
CO8393+	CO8530	3.12	188 3-	1/0ACSR	1408	1372	1256	305	1275	29	13	0.02	1.43	40
CO8411+	CO8393	3.16	187 3-	1/0ACSR	1401	1365	1248	305	1267	28	13	0.01	1.44	19
CO8524+	CO8411	3.23	186 3-	1/0ACSR	1390	1354	1236	304	1261	28	12	0.02	1.46	32
CO8523+	CO8524	3.26	186 3-	1/0ACSR	1385	1348	1230	304	1261	28	12	0.01	1.47	17
CO8604+	CO8523	3.29	1 1-	4ACSR	0	0	1221	303	11	0	1	0.00	1.47	0
OC-224456339+	CO8604	3.29	0 1-	20 N FUSE	0	0	1221	303	0	0	0	0.00	1.47	0
CO8603+	OC-224456339	3.35	0 1-	4ACSR	0	0	1205	302	0	0	0	0.00	1.47	0
CO8412+	CO8523	3.44	184 3-	1/0ACSR	1357	1320	1199	302	1238	28	12	0.04	1.51	80
CO8666+	CO8412	3.45	35 1-	2ACSR	0	0	1198	302	229	15	9	0.00	1.51	0
OCD244+	CO8666	3.45	35 1-	35 L OCR	0	0	1198	302	229	15	45	0.00	1.51	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8667+	OCD244	3.53	35 1-	2ACSR	0	0	1180	301	229	15	9	0.02	1.53	8
CO8475+	CO8667	3.59	34 1-	2ACSR	0	0	1168	301	227	15	9	0.01	1.55	5
CO8474+	CO8475	3.67	33 1-	2ACSR	0	0	1154	300	224	15	9	0.02	1.56	6
CO8565+	CO8474	3.74	3 1-	2ACSR	0	0	1141	299	28	1	1	0.00	1.57	0
CO8567+	CO8565	3.77	3 1-	2ACSR	0	0	1135	299	28	1	1	0.00	1.57	0
CO8467+	CO8567	3.85	1 1-	2ACSR	0	0	1119	297	14	0	1	0.00	1.57	0
CO8566+	CO8567	3.98	2 1-	2ACSR	0	0	1097	296	14	0	1	0.00	1.57	0
CO8394+	CO8474	3.86	30 1-	2ACSR	0	0	1119	297	196	13	7	0.04	1.60	12
CO8651+	CO8394	3.91	4 1-	2ACSR	0	0	1109	297	23	1	1	0.00	1.61	0
CO8652+	CO8651	3.97	4 1-	2ACSR	0	0	1099	296	23	1	1	0.00	1.61	0
CO8561+	CO8652	4.00	1 1-	2ACSR	0	0	1094	296	15	1	1	0.00	1.61	0
CO8653+	CO8652	4.01	3 1-	2ACSR	0	0	1092	296	7	0	0	0.00	1.61	0
CO8654+	CO8653	4.09	1 1-	2ACSR	0	0	1078	295	2	0	0	0.00	1.61	0
CO8477+	CO8394	3.95	25 1-	2ACSR	0	0	1103	296	173	11	7	0.02	1.62	5
CO8476+	CO8477	3.99	25 1-	2ACSR	0	0	1096	296	173	11	7	0.01	1.63	0
CO8558+	CO8476	4.07	1 1-	2ACSR	0	0	1081	295	8	0	0	0.00	1.63	0
CO8560+	CO8558	4.17	1 1-	2ACSR	0	0	1066	294	8	0	0	0.00	1.63	0
CO8559+	CO8560	4.26	1 1-	2ACSR	0	0	1051	293	8	0	0	0.00	1.63	0
CO8392+	CO8476	4.03	23 1-	2ACSR	0	0	1088	295	156	10	6	0.01	1.64	0
CO8479+	CO8392	4.12	22 1-	2ACSR	0	0	1073	294	141	9	5	0.01	1.65	3
CO8478+	CO8479	4.17	22 1-	2ACSR	0	0	1065	294	141	9	5	0.01	1.66	0
CO8480+	CO8478	4.27	21 1-	2ACSR	0	0	1050	293	139	9	5	0.01	1.67	3
CO8424+	CO8480	4.33	2 1-	2ACSR	0	0	1041	292	5	0	0	0.00	1.67	0
CO8423+	CO8480	4.29	0 1-	2ACSR	0	0	1046	292	0	0	0	0.00	1.67	0
CO8395+	CO8480	4.34	16 1-	2ACSR	0	0	1038	292	111	7	4	0.01	1.68	0
CO8490+	CO8395	4.43	14 1-	2ACSR	0	0	1025	291	87	5	3	0.01	1.69	0
CO8489+	CO8490	4.46	13 1-	2ACSR	0	0	1020	291	76	5	3	0.00	1.69	0
CO8557+	CO8489	4.52	2 1-	2ACSR	0	0	1010	290	17	1	1	0.00	1.69	0
CO8426+	CO8557	4.55	1 1-	2ACSR	0	0	1006	289	14	0	1	0.00	1.69	0
CO8556+	CO8557	4.64	1 1-	2ACSR	0	0	994	289	3	0	0	0.00	1.69	0
CO8483+	CO8489	4.58	10 1-	2ACSR	0	0	1002	289	46	3	2	0.01	1.69	0
CO1934753467+	CO8483	4.60	1 1-	2ACSR	0	0	999	289	19	1	1	0.00	1.69	0
CO8482+	CO8483	4.69	8 1-	2ACSR	0	0	987	288	15	1	1	0.00	1.70	0
OC-1609078959+	CO8482	4.69	7 1-	20 N FUSE	0	0	987	288	11	0	4	0.00	1.70	0
CO8484+	OC-1609078959	4.74	7 1-	2ACSR	0	0	979	287	11	0	0	0.00	1.70	0
CO8481+	CO8484	4.89	7 1-	2ACSR	0	0	959	286	11	0	0	0.00	1.70	0
CO8422+	CO8481	4.98	0 1-	2ACSR	0	0	947	285	0	0	0	0.00	1.70	0
CO8487+	CO8481	4.99	6 1-	2ACSR	0	0	946	285	10	0	0	0.00	1.70	0
CO8486+	CO8487	5.05	3 1-	2ACSR	0	0	939	284	0	0	0	0.00	1.70	0
CO8488+	CO8486	5.12	2 1-	2ACSR	0	0	929	283	0	0	0	0.00	1.70	0
CO8485+	CO8488	5.23	1 1-	2ACSR	0	0	915	282	0	0	0	0.00	1.70	0
CO8428+	CO8485	5.36	1 1-	2ACSR	0	0	901	281	0	0	0	0.00	1.70	0
CO8562+	CO8395	4.42	1 1-	2ACSR	0	0	1026	291	12	0	0	0.00	1.68	0
CO8564+	CO8562	4.45	1 1-	2ACSR	0	0	1022	291	12	0	0	0.00	1.68	0
CO8563+	CO8564	4.49	1 1-	2ACSR	0	0	1016	290	12	0	0	0.00	1.68	0
CO8492+	CO8480	4.38	2 1-	2ACSR	0	0	1032	291	10	0	0	0.00	1.67	0
CO8491+	CO8492	4.47	2 1-	2ACSR	0	0	1019	290	10	0	0	0.00	1.67	0
CO8396+	CO8491	4.53	2 1-	2ACSR	0	0	1009	290	10	0	0	0.00	1.67	0
CO8568+	CO8396	4.58	2 1-	2ACSR	0	0	1002	289	10	0	0	0.00	1.67	0
CO8570+	CO8568	4.68	1 1-	2ACSR	0	0	988	288	4	0	0	0.00	1.67	0
CO8569+	CO8570	4.72	0 1-	2ACSR	0	0	982	288	0	0	0	0.00	1.67	0
CO8493+	CO8396	4.69	0 1-	2ACSR	0	0	987	288	0	0	0	0.00	1.67	0

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8497+	CO8493	4.71	0 1-	2ACSR	0	0	984	288	0	0	0	0.00	1.67	0
CO8494+	CO8497	4.84	0 1-	2ACSR	0	0	966	286	0	0	0	0.00	1.67	0
CO8496+	CO8494	4.99	0 1-	2ACSR	0	0	945	285	0	0	0	0.00	1.67	0
CO8495+	CO8496	5.15	0 1-	2ACSR	0	0	926	283	0	0	0	0.00	1.67	0
CO8425+	CO8392	4.10	1 1-	2ACSR	0	0	1076	295	14	0	1	0.00	1.64	0
CO8429+	CO8394	4.01	1 1-	2ACSR	0	0	1093	296	1	0	0	0.00	1.60	0
CO8397+	CO8412	3.57	149 3-	1/0ACSR	1337	1300	1177	301	1008	22	10	0.03	1.54	40
CO8498+	CO8397	3.61	145 3-	1/0ACSR	1331	1293	1171	301	971	22	10	0.01	1.54	12
CO8500+	CO8498	3.74	144 3-	1/0ACSR	1312	1274	1150	300	959	21	9	0.02	1.57	35
CO8499+	CO8500	3.85	143 3-	1/0ACSR	1297	1259	1134	299	954	21	9	0.02	1.59	28
CO8571+	CO8499	3.88	3 1-	1/0ACSR	0	0	1129	299	32	2	1	0.00	1.59	0
OC-599644184+	CO8571	3.88	3 1-	20 N FUSE	0	0	1129	299	32	2	11	0.00	1.59	0
CO8573+	OC-599644184	3.93	3 1-	1/0ACSR	0	0	1122	298	32	2	1	0.00	1.59	0
CO8575+	CO8573	3.99	2 1-	1/0ACSR	0	0	1112	298	30	2	1	0.00	1.59	0
CO8574+	CO8575	4.01	1 1-	1/0ACSR	0	0	1110	298	15	1	0	0.00	1.59	0
CO8572+	CO8574	4.06	1 1-	1/0ACSR	0	0	1103	297	15	1	0	0.00	1.59	0
CO8432+	CO8499	3.89	4 1-	1/0ACSR	0	0	1127	299	32	2	1	0.00	1.59	0
OC-513430373+	CO8432	3.89	0 1-	20 N FUSE	0	0	1127	299	0	0	0	0.00	1.59	0
CO8502+	CO8499	3.92	136 3-	1/0ACSR	1286	1248	1122	298	890	20	9	0.01	1.60	19
CO8501+	CO8502	4.09	136 3-	1/0ACSR	1263	1225	1098	297	890	20	9	0.03	1.63	39
CO8398+	CO8501	4.17	134 3-	1/0ACSR	1253	1215	1088	296	881	20	9	0.01	1.64	17
CO8645+	CO8398	4.22	2 1-	1/0ACSR	0	0	1080	296	29	1	1	0.00	1.64	0
OC-1079453550+	CO8645	4.22	2 1-	20 N FUSE	0	0	1080	296	29	1	10	0.00	1.64	0
CO8646+	OC-1079453550	4.34	2 1-	1/0ACSR	0	0	1064	295	29	1	1	0.00	1.65	0
CO8452+	CO8646	4.41	1 1-	1/0ACSR	0	0	1056	294	17	1	1	0.00	1.65	0
CO8504+	CO8398	4.25	128 3-	1/0ACSR	1242	1204	1076	296	823	18	8	0.01	1.66	17
CO8503+	CO8504	4.37	127 3-	1/0ACSR	1227	1189	1060	295	815	18	8	0.02	1.68	23
CO8543+	CO8503	4.44	127 3-	1/0ACSR	1218	1180	1051	294	815	18	8	0.01	1.69	13
CO8542+	CO8543	4.51	127 3-	1/0ACSR	1210	1172	1042	294	815	18	8	0.01	1.70	13
CO8419+	CO8542	4.57	14 1-	4ACSR	0	0	1030	292	130	8	6	0.01	1.71	3
OC756203046+	CO8419	4.57	12 1-	20 N FUSE	0	0	1030	292	114	7	39	0.00	1.71	0
CO8649+	OC756203046	4.61	10 1-	4ACSR	0	0	1023	292	89	6	4	0.00	1.71	0
CO8650+	CO8649	4.62	9 1-	4ACSR	0	0	1021	292	70	4	3	0.00	1.72	0
CO8640+	CO8650	4.67	6 1-	2ACSR	0	0	1013	291	50	3	2	0.00	1.72	0
CO8638+	CO8640	4.73	4 1-	2ACSR	0	0	1005	291	36	2	1	0.00	1.72	0
CO8639+	CO8638	4.78	3 1-	2ACSR	0	0	997	290	34	2	1	0.00	1.72	0
CO8642+	CO8639	4.81	2 1-	2ACSR	0	0	993	290	30	2	1	0.00	1.72	0
CO8472+	CO8642	4.87	1 1-	4ACSR	0	0	983	289	15	1	1	0.00	1.72	0
CO8641+	CO8642	4.83	1 1-	2ACSR	0	0	990	289	15	1	1	0.00	1.72	0
CO8470+	CO8638	4.78	1 1-	2ACSR	0	0	998	290	2	0	0	0.00	1.72	0
CO8647+	CO8650	4.63	3 1-	4ACSR	0	0	1019	292	20	1	1	0.00	1.72	0
CO8648+	CO8647	4.67	3 1-	4ACSR	0	0	1012	291	20	1	1	0.00	1.72	0
CO8466+	CO8648	4.71	1 1-	4ACSR	0	0	1003	290	3	0	0	0.00	1.72	0
CO8618+	CO8648	4.69	2 1-	4ACSR	0	0	1008	291	17	1	1	0.00	1.72	0
CO8613+	CO8618	4.76	2 1-	4ACSR	0	0	995	289	17	1	1	0.00	1.72	0
CO8617+	CO8613	4.79	1 1-	4ACSR	0	0	989	289	5	0	0	0.00	1.72	0
CO8616+	CO8617	4.84	1 1-	4ACSR	0	0	981	288	5	0	0	0.00	1.72	0
CO8614+	CO8616	4.95	0 1-	4ACSR	0	0	962	286	0	0	0	0.00	1.72	0
CO8615+	CO8614	5.04	0 1-	4ACSR	0	0	947	285	0	0	0	0.00	1.72	0
CO8633+	OC756203046	4.61	2 1-	4ACSR	0	0	1023	292	25	1	1	0.00	1.71	0
CO8632+	CO8633	4.63	1 1-	4ACSR	0	0	1019	292	13	0	1	0.00	1.71	0
CO8418+	CO8542	4.56	109 3-	1/0ACSR	1204	1166	1036	293	632	14	6	0.01	1.70	6

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
OC-1286986008+	CO8505+	CO8418	4.58	109 3-	1/0ACSR	1201	1164	1034	293	632	14	6	0.00	1.71	2
	CO8507+	CO8505	4.60	107 3-	1/0ACSR	1198	1161	1031	293	627	14	6	0.00	1.71	3
	CO8506+	CO8507	4.62	106 3-	1/0ACSR	1196	1158	1028	293	614	14	6	0.00	1.71	2
	CO8436+	CO8506	4.70	0 1-	4ACSR	0	0	1014	291	0	0	0	0.00	1.71	0
	CO8436+	CO8436	4.70	0 1-	20 N FUSE	0	0	1014	291	0	0	0	0.00	1.71	0
	CO8539+	CO8506	4.64	106 3-	1/0ACSR	1193	1156	1025	292	614	14	6	0.00	1.71	2
	CO8541+	CO8539	4.66	106 3-	1/0ACSR	1191	1153	1023	292	614	14	6	0.00	1.72	2
	CO8540+	CO8541	4.69	105 3-	1/0ACSR	1188	1150	1020	292	613	13	6	0.00	1.72	3
	CO8462+	CO8540	4.77	2 1-	2ACSR	0	0	1007	291	16	1	1	0.00	1.72	0
	CO8664+	CO8540	4.70	47 1-	2ACSR	0	0	1019	292	297	20	11	0.00	1.72	0
	OC219+	CO8664	4.70	47 1-	50 L OCR	0	0	1019	292	297	20	0	0.00	1.72	0
	CO8665+	OC219	4.71	47 1-	2ACSR	0	0	1017	292	297	20	11	0.00	1.73	0
	CO8510+	CO8665	4.82	47 1-	2ACSR	0	0	1000	291	297	20	11	0.04	1.76	17
	CO8577+	CO8510	4.91	1 1-	2ACSR	0	0	988	290	14	0	1	0.00	1.76	0
	CO8576+	CO8577	5.02	1 1-	2ACSR	0	0	973	288	14	0	1	0.00	1.76	0
	CO8400+	CO8510	4.94	46 1-	2ACSR	0	0	983	289	283	19	11	0.04	1.80	16
	CO8399+	CO8400	5.02	45 1-	2ACSR	0	0	972	288	283	19	11	0.02	1.82	11
	CO8439+	CO8399	5.12	1 1-	4ACSR	0	0	956	287	2	0	0	0.00	1.82	0
	CO8526+	CO8399	5.07	43 1-	2ACSR	0	0	966	288	280	19	11	0.01	1.84	5
	CO8525+	CO8526	5.14	42 1-	2ACSR	0	0	956	287	267	18	10	0.02	1.86	9
	CO8450+	CO8525	5.23	1 1-	4ACSR	0	0	943	286	10	0	0	0.00	1.86	0
	CO8656+	CO8450	5.25	1 1-	1/0PRIURD	0	0	940	535	10	0	0	0.00	1.86	0
	CO8413+	CO8525	5.49	41 1-	2ACSR	0	0	913	283	258	17	10	0.10	1.95	38
	CO8511+	CO8413	5.56	34 1-	2ACSR	0	0	904	282	204	13	8	0.02	1.97	5
	CO8513+	CO8511	5.71	34 1-	2ACSR	0	0	887	281	204	13	8	0.03	2.00	10
	CO8512+	CO8513	5.75	34 1-	2ACSR	0	0	882	280	204	13	8	0.01	2.01	3
	CO8441+	CO8512	5.89	3 1-	4ACSR	0	0	863	278	6	0	0	0.00	2.01	0
	CO8401+	CO8512	5.78	31 1-	2ACSR	0	0	879	280	197	13	8	0.01	2.02	0
	CO8582+	CO8401	5.80	2 1-	4ACSR	0	0	877	280	7	0	0	0.00	2.02	0
	CO8443+	CO8582	5.85	1 1-	4ACSR	0	0	869	279	2	0	0	0.00	2.02	0
	CO8581+	CO8582	5.89	1 1-	4ACSR	0	0	864	279	5	0	0	0.00	2.02	0
	CO8442+	CO8401	5.84	1 1-	4ACSR	0	0	870	279	7	0	0	0.00	2.02	0
	CO8402+	CO8401	5.81	28 1-	2ACSR	0	0	876	280	184	12	7	0.01	2.02	0
	CO8403+	CO8402	5.86	27 1-	2ACSR	0	0	870	279	181	12	7	0.01	2.03	3
	CO8584+	CO8403	5.93	2 1-	4ACSR	0	0	860	278	2	0	0	0.00	2.03	0
	CO8583+	CO8584	5.99	2 1-	4ACSR	0	0	852	277	2	0	0	0.00	2.03	0
	CO8404+	CO8403	5.99	25 1-	2ACSR	0	0	856	278	179	12	7	0.03	2.06	7
	CO8405+	CO8404	6.14	22 1-	2ACSR	0	0	840	276	159	10	6	0.03	2.08	6
OC-1097893874+	CO8405	6.14	22 1-	20 N FUSE	0	0	840	276	159	10	55	0.00	2.08	0	
	CO8593+	OC-1097893874	6.22	1 1-	4ACSR	0	0	830	275	4	0	0	0.00	2.08	0
	CO8592+	CO8593	6.27	1 1-	4ACSR	0	0	823	274	4	0	0	0.00	2.09	0
	CO8590+	OC-1097893874	6.20	1 1-	4ACSR	0	0	833	276	25	1	1	0.00	2.09	0
	CO8406+	OC-1097893874	6.25	20 1-	2ACSR	0	0	829	275	130	8	5	0.02	2.10	3
	CO8518+	CO8406	6.33	2 1-	2ACSR	0	0	822	274	21	1	1	0.00	2.10	0
	CO8520+	CO8518	6.38	1 1-	2ACSR	0	0	817	274	16	1	1	0.00	2.10	0
	CO8519+	CO8520	6.69	1 1-	2ACSR	0	0	787	271	16	1	1	0.00	2.11	0
	CO8515+	CO8406	6.35	17 1-	2ACSR	0	0	819	274	108	7	4	0.01	2.11	0
	CO8514+	CO8515	6.48	17 1-	2ACSR	0	0	807	273	108	7	4	0.01	2.13	2
	CO8595+	CO8514	6.58	3 1-	4ACSR	0	0	795	272	30	2	1	0.00	2.13	0
	CO8594+	CO8595	6.62	2 1-	4ACSR	0	0	790	271	18	1	1	0.00	2.13	0
	CO8596+	CO8594	6.68	1 1-	4ACSR	0	0	784	270	10	0	1	0.00	2.13	0
	CO8407+	CO8514	6.55	12 1-	2ACSR	0	0	800	272	60	4	2	0.00	2.13	0

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8446+	CO8407	6.75	1 1-	4ACSR	0	0	778	269	2	0	0	0.00	2.13	0
CO8408+	CO8407	6.56	11 1-	2ACSR	0	0	799	272	58	3	2	0.00	2.13	0
CO8517+	CO8408	6.63	10 1-	2ACSR	0	0	793	271	44	3	2	0.00	2.13	0
CO8516+	CO8517	6.80	10 1-	2ACSR	0	0	778	270	44	3	2	0.01	2.14	0
CO8409+	CO8516	6.93	7 1-	2ACSR	0	0	766	268	33	2	1	0.00	2.15	0
CO8602+	CO8409	6.98	1 1-	4ACSR	0	0	761	268	0	0	0	0.00	2.15	0
CO8601+	CO8602	7.03	1 1-	4ACSR	0	0	756	267	0	0	0	0.00	2.15	0
CO8410+	CO8409	7.03	5 1-	2ACSR	0	0	758	267	14	0	1	0.00	2.15	0
CO16983+	CO8410	7.16	5 1-	2ACSR	0	0	747	266	14	0	1	0.00	2.15	0
CO8672+	CO16983	7.23	3 1-	2ACSR	0	0	741	265	14	0	1	0.00	2.15	0
CO8674+	CO8672	7.30	1 1-	2ACSR	0	0	736	265	0	0	0	0.00	2.15	0
CO8673+	CO8674	7.35	0 1-	2ACSR	0	0	732	264	0	0	0	0.00	2.15	0
CO16982+	CO16983	7.33	2 1-	2ACSR	0	0	734	265	0	0	0	0.00	2.15	0
CO16984+	CO16982	7.54	2 1-	2ACSR	0	0	718	263	0	0	0	0.00	2.15	0
CO30665+	CO16984	7.76	2 1-	2ACSR	0	0	701	260	0	0	0	0.00	2.15	0
CO8668+	CO30665	7.89	1 1-	2ACSR	0	0	692	259	0	0	0	0.00	2.15	0
CO8670+	CO30665	7.93	0 1-	2ACSR	0	0	689	259	0	0	0	0.00	2.15	0
CO8671+	CO8670	8.22	0 1-	2ACSR	0	0	670	256	0	0	0	0.00	2.15	0
CO17108+	CO8671	8.63	0 1-	2ACSR	0	0	644	253	0	0	0	0.00	2.15	0
CO8449+	CO16982	7.46	0 1-	4ACSR	0	0	721	263	0	0	0	0.00	2.15	0
CO8660+	CO8410	7.03	0 1-	2ACSR	0	0	758	267	0	0	0	0.00	2.15	0
CO8448+	CO8409	7.05	1 1-	4ACSR	0	0	754	267	19	1	1	0.00	2.15	0
CO8522+	CO8516	6.82	3 1-	4ACSR	0	0	775	269	11	0	1	0.00	2.14	0
CO8521+	CO8522	6.97	3 1-	4ACSR	0	0	759	267	11	0	1	0.00	2.14	0
CO8600+	CO8521	7.13	1 1-	4ACSR	0	0	742	265	2	0	0	0.00	2.14	0
CO8599+	CO8600	7.19	1 1-	4ACSR	0	0	736	264	2	0	0	0.00	2.14	0
CO8598+	CO8521	7.02	1 1-	4ACSR	0	0	754	267	4	0	0	0.00	2.14	0
CO8597+	CO8598	7.06	1 1-	4ACSR	0	0	749	266	4	0	0	0.00	2.14	0
CO8447+	CO8408	6.60	1 1-	4ACSR	0	0	795	272	14	0	1	0.00	2.13	0
CO8586+	CO8404	6.14	3 1-	4ACSR	0	0	837	276	20	1	1	0.00	2.06	0
CO8445+	CO8586	6.21	1 1-	4ACSR	0	0	827	275	10	0	0	0.00	2.06	0
CO8585+	CO8586	6.29	2 1-	4ACSR	0	0	818	274	10	0	0	0.00	2.06	0
CO8444+	CO8402	5.89	1 1-	4ACSR	0	0	865	279	3	0	0	0.00	2.02	0
CO8509+	CO8413	5.64	7 1-	4ACSR	0	0	890	281	54	3	3	0.01	1.97	0
CO8508+	CO8509	5.79	6 1-	4ACSR	0	0	869	279	48	3	2	0.01	1.98	0
CO8579+	CO8508	5.87	1 1-	4ACSR	0	0	858	277	9	0	0	0.00	1.98	0
CO8578+	CO8508	5.89	4 1-	4ACSR	0	0	855	277	23	1	1	0.00	1.98	0
CO8580+	CO8578	6.00	2 1-	4ACSR	0	0	841	276	18	1	1	0.00	1.98	0
CO8440+	CO8508	5.85	1 1-	4ACSR	0	0	861	278	15	1	1	0.00	1.98	0
CO8438+	CO8400	5.10	1 1-	4ACSR	0	0	957	287	0	0	0	0.00	1.80	0
CO8662+	CO8540	4.70	54 1-	6ACWC	0	0	1018	292	296	20	14	0.00	1.72	0
OC218+	CO8662	4.70	54 1-	50 L OCR	0	0	1018	292	296	20	0	0.00	1.72	0
CO8663+	OC218	4.72	54 1-	6ACWC	0	0	1015	292	296	20	14	0.01	1.73	5
CO8537+	CO8663	4.81	51 1-	6ACWC	0	0	997	290	264	18	13	0.04	1.77	16
CO8538+	CO8537	4.93	50 1-	6ACWC	0	0	977	288	253	17	12	0.04	1.81	18
CO8628+	CO8538	5.02	2 1-	4ACSR	0	0	961	287	12	0	1	0.00	1.82	0
CO8627+	CO8628	5.05	1 1-	4ACSR	0	0	956	286	11	0	1	0.00	1.82	0
CO8629+	CO8627	5.11	1 1-	4ACSR	0	0	947	285	11	0	1	0.00	1.82	0
CO8417+	CO8538	5.04	47 1-	6ACWC	0	0	958	287	237	16	12	0.04	1.85	15
CO8456+	CO8417	5.14	1 1-	4ACSR	0	0	941	285	7	0	0	0.00	1.86	0
CO8535+	CO8417	5.07	45 1-	6ACWC	0	0	953	286	220	15	11	0.01	1.87	4
CO8534+	CO8535	5.12	44 1-	6ACWC	0	0	945	285	216	14	11	0.02	1.88	6

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8536+	CO8534	5.18	43 1-	6ACWC	0	0	935	284	215	14	11	0.02	1.90	7
CO8416+	CO8536	5.25	38 1-	6ACWC	0	0	924	283	185	12	9	0.02	1.92	6
CO8531+	CO8416	5.29	11 1-	6ACWC	0	0	918	283	49	3	2	0.00	1.92	0
CO8533+	CO8531	5.35	11 1-	6ACWC	0	0	909	282	49	3	2	0.00	1.93	0
OC-1364683940+	CO8533	5.35	11 1-	20 N FUSE	0	0	909	282	49	3	17	0.00	1.93	0
CO8471+	OC-1364683940	5.40	1 1-	4ACSR	0	0	901	281	0	0	0	0.00	1.93	0
CO8532+	OC-1364683940	5.40	10 1-	6ACWC	0	0	901	281	49	3	2	0.00	1.93	0
CO8549+	CO8532	5.45	10 1-	6ACWC	0	0	894	280	49	3	2	0.00	1.94	0
CO8548+	CO8549	5.51	10 1-	6ACWC	0	0	886	279	49	3	2	0.00	1.94	0
CO8461+	CO8548	5.67	0 1-	6ACWC	0	0	863	277	0	0	0	0.00	1.94	0
CO8420+	CO8548	5.84	6 1-	6ACWC	0	0	840	275	22	1	1	0.01	1.95	0
CO8459+	CO8420	5.92	0 1-	6ACWC	0	0	830	273	0	0	0	0.00	1.95	0
CO8547+	CO8420	5.87	2 1-	6ACWC	0	0	836	274	4	0	0	0.00	1.95	0
OC-2106827427+	CO8547	5.87	2 1-	20 N FUSE	0	0	836	274	4	0	1	0.00	1.95	0
CO8544+	OC-2106827427	6.74	2 1-	6ACWC	0	0	736	262	4	0	0	0.01	1.96	0
CO8546+	CO8544	6.80	2 1-	6ACWC	0	0	730	261	4	0	0	0.00	1.96	0
CO8545+	CO8546	6.86	1 1-	6ACWC	0	0	725	261	4	0	0	0.00	1.96	0
CO8635+	CO8420	5.92	3 1-	6ACWC	0	0	829	273	15	1	1	0.00	1.95	0
CO8634+	CO8635	5.97	2 1-	6ACWC	0	0	823	273	15	1	1	0.00	1.95	0
CO214748615+	CO8634	6.10	1 1-	2ACSR	0	0	811	271	12	0	0	0.00	1.95	0
CO8636+	CO8548	5.58	4 1-	6ACWC	0	0	875	278	27	1	1	0.00	1.94	0
CO8460+	CO8636	5.64	2 1-	6ACWC	0	0	868	278	24	1	1	0.00	1.94	0
CO8637+	CO8636	5.63	1 1-	6ACWC	0	0	869	278	3	0	0	0.00	1.94	0
CO8623+	CO8416	5.30	16 1-	6ACWC	0	0	917	283	65	4	3	0.00	1.93	0
CO8453+	CO8623	5.35	5 1-	6ACWC	0	0	909	282	8	0	0	0.00	1.93	0
CO8451+	CO8623	5.34	2 1-	6ACWC	0	0	910	282	14	0	1	0.00	1.93	0
CO8624+	CO8623	5.35	6 1-	6ACWC	0	0	908	282	42	2	2	0.00	1.93	0
CO8619+	CO8624	5.40	4 1-	6ACWC	0	0	901	281	37	2	2	0.00	1.93	0
CO8622+	CO8619	5.46	3 1-	6ACWC	0	0	893	280	26	1	1	0.00	1.93	0
CO8620+	CO8622	5.56	2 1-	6ACWC	0	0	879	279	13	0	1	0.00	1.93	0
CO8621+	CO8620	5.68	0 1-	6ACWC	0	0	862	277	0	0	0	0.00	1.93	0
CO8612+	CO8416	5.31	3 1-	6ACWC	0	0	916	282	19	1	1	0.00	1.92	0
CO8611+	CO8612	5.36	3 1-	6ACWC	0	0	908	282	19	1	1	0.00	1.92	0
CO8626+	CO8416	5.31	5 1-	6ACWC	0	0	916	282	34	2	2	0.00	1.92	0
CO8625+	CO8626	5.33	4 1-	6ACWC	0	0	912	282	21	1	1	0.00	1.92	0
CO8455+	CO8536	5.25	2 1-	4ACSR	0	0	924	283	16	1	1	0.00	1.90	0
CO1118866258+	CO8455	5.31	0 1-	2ACSR	0	0	916	283	0	0	0	0.00	1.90	0
CO8454+	CO8536	5.24	0 1-	4ACSR	0	0	926	283	0	0	0	0.00	1.90	0
CO8631+	CO8663	4.83	3 1-	4ACSR	0	0	994	290	32	2	2	0.00	1.74	0
CO8630+	CO8631	4.86	1 1-	4ACSR	0	0	988	289	20	1	1	0.00	1.74	0
CO8458+	CO8542	4.53	2 1-	4ACSR	0	0	1037	293	45	3	2	0.00	1.70	0
OC-440812764+	CO8458	4.53	2 1-	20 N FUSE	0	0	1037	293	45	3	15	0.00	1.70	0
CO8437+	OC-440812764	4.64	2 1-	4ACSR	0	0	1016	291	45	3	2	0.01	1.71	0
CO8468+	CO8437	4.70	1 1-	2ACSR	0	0	1008	291	24	1	1	0.00	1.71	0
CO8457+	CO8542	4.60	2 1-	4ACSR	0	0	1024	292	8	0	0	0.00	1.70	0
OC-951562107+	CO8457	4.60	0 1-	20 N FUSE	0	0	1024	292	0	0	0	0.00	1.70	0
CO8435+	CO8398	4.26	1 1-	1/0ACSR	0	0	1075	296	5	0	0	0.00	1.64	0
OC-861666059+	CO8435	4.26	0 1-	20 N FUSE	0	0	1075	296	0	0	0	0.00	1.64	0
CO8434+	CO8398	4.22	1 1-	1/0ACSR	0	0	1080	296	15	1	0	0.00	1.64	0
OC1938671762+	CO8434	4.22	0 1-	20 N FUSE	0	0	1080	296	0	0	0	0.00	1.64	0
CO8433+	CO8501	4.13	2 1-	1/0ACSR	0	0	1093	297	9	0	0	0.00	1.63	0
OC-1962478163+	CO8433	4.13	0 1-	20 N FUSE	0	0	1093	297	0	0	0	0.00	1.63	0

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX L LG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO797744820+	CO8397	3.65	3 1-	2ACSR	0	0	1162	300	24	1	1	0.00	1.54	0
OC-1329611714+	CO797744820	3.65	1 1-	20 N FUSE	0	0	1162	300	1	0	0	0.00	1.54	0
CO-852026489+	OC-1329611714	3.86	1 1-	2ACSR	0	0	1123	298	1	0	0	0.00	1.54	0
CO8431+	CO8397	3.70	1 1-	1/0ACSR	0	0	1156	300	13	0	0	0.00	1.54	0
OC1346556861+	CO8431	3.70	0 1-	20 N FUSE	0	0	1156	300	0	0	0	0.00	1.54	0
CO8427+	CO8411	3.21	0 1-	4ACSR	0	0	1235	304	0	0	0	0.00	1.44	0
OC1102414105+	CO8427	3.21	0 1-	20 N FUSE	0	0	1235	304	0	0	0	0.00	1.44	0
CO8473+	CO8655	2.78	1 1-	2ACSR	0	0	1318	308	11	0	0	0.00	1.33	0
OC-150155458+	CO8473	2.78	0 1-	20 N FUSE	0	0	1318	308	0	0	0	0.00	1.33	0
CO8825+	CO8747	2.27	1 1-	2ACSR	0	0	1477	316	2	0	0	0.00	1.09	0
OC1047694241+	CO8825	2.27	0 1-	20 N FUSE	0	0	1477	316	0	0	0	0.00	1.09	0
CO8791+	CO8747	2.35	1 1-	4ACSR	0	0	1445	314	3	0	0	0.00	1.09	0
OC1863018195+	CO8791	2.35	0 1-	20 N FUSE	0	0	1445	314	0	0	0	0.00	1.09	0
CO8792+	CO8988	1.85	1 1-	4ACSR	0	0	1648	324	1	0	0	0.00	0.80	0
OC-1942476724+	CO8792	1.85	0 1-	20 N FUSE	0	0	1648	324	0	0	0	0.00	0.80	0
CO8991+	CO8740	1.06	1 1-	2ACSR	0	0	2072	340	42	2	2	0.00	0.34	0
OC1739331772+	CO8991	1.06	0 1-	20 N FUSE	0	0	2072	340	0	0	0	0.00	0.34	0
CO203378322+	OC1739331772	1.09	0 1-	2ACSR	0	0	2052	340	0	0	0	0.00	0.34	0
CO8992+	OC1739331772	1.11	0 1-	4ACSR	0	0	2043	339	0	0	0	0.00	0.34	0
CO8993+	CO8998	0.94	1 1-	4ACSR	0	0	2140	342	5	0	0	0.00	0.26	0
OC-925099864+	CO8993	0.94	0 1-	20 N FUSE	0	0	2140	342	0	0	0	0.00	0.26	0
SUB	0 total losses:	\$46,749												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0 PLUMMERS LANDIN		1372			5516	5758	5823	180	8985					
CO-870739298	PLUMMERS LANDIN	0.00	1372 3-	500 MCM ACSR 30	5515	5756	5821	180	8985	408	59	0.00	0.00	11
CO-1660857539	CO-870739298	0.00	1372 3-	500 MCM ACSR 30	5514	5754	5819	180	8985	408	59	0.00	0.00	9
CO1110436308	CO-1660857539	0.00	276 3-	500 MCM ACSR 30	5512	5751	5816	180	2328	109	16	0.00	0.00	0
Hillsboro Ckt	CO1110436308	0.00	276 3-	560 200WVE	5512	5751	5816	180	2328	109	19	0.00	0.00	0
CO37369539	Hillsboro Ckt	0.00	276 3-	2ACSR	5510	5747	5812	180	2328	109	61	0.00	0.00	6
CO-645463664	CO37369539	0.03	276 3-	336ACSR	5446	5621	5684	180	2328	109	21	0.02	0.02	49
CO290011526	CO-645463664	0.07	276 3-	336ACSR	5329	5406	5460	180	2328	109	21	0.04	0.06	91
CO-1589892128	CO290011526	0.11	276 3-	336ACSR	5214	5250	5244	179	2328	109	21	0.04	0.10	95
CO1139080910	CO-1589892128	0.13	276 3-	336ACSR	5163	5189	5164	179	2327	109	21	0.02	0.12	43
SW-1712120598-B	CO1139080910	0.13	276 3-	Closed	5163	5189	5164	179	2327	109	0	0.00	0.12	0
SW-1712120598-A	SW-1712120598-B	0.13	276 3-	Closed	5163	5189	5164	179	2327	109	0	0.00	0.12	0
CO-2108766836	SW-1712120598-A	0.15	0 3-	336ACSR	5119	5137	5086	179	0	0	0	0.00	0.12	0
CO1445371520	CO-2108766836	0.19	0 3-	336ACSR	5037	5040	4941	179	0	0	0	0.00	0.12	0
CO-715835372	CO1445371520	0.20	0 3-	336ACSR	5012	5009	4896	179	0	0	0	0.00	0.12	0
SW1577090571-A	CO-715835372	0.20	0 3-	Open	5012	5009	4896	179	0	0	0	0.00	0.12	0
CO1000612563	SW-1712120598-A	0.30	276 3-	336ACSR	4782	4740	4510	179	2327	109	21	0.14	0.26	349
CO5431	CO1000612563	0.59	276 3-	336ACSR	4222	4106	3777	178	2326	109	21	0.26	0.52	622
CO5438	CO5431	0.68	276 3-	336ACSR	4079	3949	3602	178	2323	109	21	0.08	0.60	185
CO5319	CO5438	0.75	31 3-	336ACSR	3969	3829	3471	178	801	35	7	0.01	0.61	16
CO5450	CO5319	0.76	0 1-	336 MCM ACSR 30	0	0	3448	178	0	0	0	0.00	0.61	0
CO5406	CO5319	0.82	28 3-	336ACSR	3865	3717	3349	178	796	35	7	0.01	0.62	16
CO5408	CO5406	0.85	28 3-	336ACSR	3823	3672	3301	178	796	35	7	0.01	0.63	7
FD470114044	CO5408	0.85	26 3-	_DefaultBayEqui	3823	3672	3301	178	783	34	0	0.00	0.63	0
CO5407	FD470114044	1.06	26 3-	336ACSR	3553	3386	2996	178	783	34	7	0.04	0.67	45
OC470114044	CO5407	1.06	26 3-	20 N FUSE	3553	3386	2996	178	782	38	193	0.00	0.67	0
CO5405	OC470114044	1.10	26 3-	336ACSR	3496	3327	2935	178	782	38	7	0.02	0.68	12
CO5320	CO5405	1.11	0 3-	4ACSR	3482	3311	2919	177	0	0	0	0.00	0.68	0
CO30669	CO5405	1.24	1 3-	4ACSR	3210	3005	2638	176	0	0	0	0.00	0.68	0
CO5299	CO5405	1.16	13 3-	336ACSR	3429	3256	2862	177	723	35	7	0.02	0.70	13
CO5353	CO5299	1.21	1 1-	4ACSR	0	0	2760	177	402	59	43	0.13	0.84	90
330646066	CO5353	1.21	1 1-	Consumer	0	0	2760	177	401	59	0	0.00	0.84	0
CO964993970	CO5299	1.18	12 3-	2ACSR	3400	3225	2831	177	321	15	9	0.01	0.71	4
CO-1855999486	CO964993970	1.20	12 3-	2ACSR	3364	3186	2793	177	321	15	9	0.01	0.72	5
CO5418	CO-1855999486	1.27	12 3-	336ACSR	3283	3103	2708	177	321	15	3	0.01	0.73	3
CO5354	CO5418	1.33	2 3-	4ACSR	3183	2990	2606	176	37	1	1	0.00	0.73	0
CO5298	CO5418	1.31	8 3-	336ACSR	3247	3065	2670	177	73	3	1	0.00	0.73	0
CO5328	CO5298	1.37	1 1-	336 MCM ACSR 30	0	0	2605	177	22	3	1	0.00	0.73	0
CO5293	CO5298	1.42	6 3-	336ACSR	3139	2955	2559	177	35	1	0	0.00	0.73	0
CO5321	CO5293	1.47	0 1-	336 MCM ACSR 30	0	0	2515	177	0	0	0	0.00	0.73	0
CO5292	CO5293	1.45	3 3-	336ACSR	3111	2927	2530	177	20	0	0	0.00	0.73	0
CO5322	CO5292	1.48	1 1-	336 MCM ACSR 30	0	0	2498	177	13	1	0	0.00	0.73	0
CO5294	CO5292	1.52	2 3-	336ACSR	3046	2860	2464	177	6	0	0	0.00	0.73	0
CO5496	CO5294	1.55	1 1-	336 MCM ACSR 30	0	0	2433	176	3	0	0	0.00	0.73	0
CO5497	CO5496	1.58	1 1-	336 MCM ACSR 30	0	0	2413	176	3	0	0	0.00	0.73	0
CO5487	CO5294	1.53	1 3-	336ACSR	3040	2854	2458	177	3	0	0	0.00	0.73	0
CO5488	CO5487	1.68	1 3-	336ACSR	2903	2717	2322	176	3	0	0	0.00	0.73	0
SW1467466824-B	CO5488	1.68	0 3-	Open	2903	2717	2322	176	0	0	0	0.00	0.73	0
CO5363	CO5488	1.79	1 1-	2ACSR	0	0	2186	175	3	0	0	0.00	0.73	0
CO5447	CO5418	1.35	2 1-	336 MCM ACSR 30	0	0	2635	177	211	31	6	0.02	0.75	5
CO5445	CO5447	1.42	1 1-	336 MCM ACSR 30	0	0	2562	177	156	23	4	0.01	0.77	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5446	CO5445	1.44	0 1-	336 MCM ACSR 30	0	0	2544	177	0	0	0	0.00	0.77	0
CO5451	CO5405	1.17	7 1-	336 MCM ACSR 30	0	0	2856	177	48	7	1	0.00	0.69	0
CO5453	CO5451	1.24	3 1-	336 MCM ACSR 30	0	0	2778	177	24	3	1	0.00	0.69	0
CO5452	CO5453	1.29	2 1-	336 MCM ACSR 30	0	0	2718	177	21	3	1	0.00	0.69	0
CO5449	CO5405	1.18	1 1-	336 MCM ACSR 30	0	0	2849	177	2	0	0	0.00	0.68	0
CO5448	CO5449	1.22	1 1-	336 MCM ACSR 30	0	0	2795	177	2	0	0	0.00	0.68	0
CA57	CO5407	1.06	0 3-	Capacitor	3553	3386	2996	178	0	-14	0	0.00	0.67	0
CO5477	CO5408	0.90	2 1-	2ACSR	0	0	3172	178	14	2	1	0.00	0.63	0
CO5494	CO5477	0.91	0 1-	336 MCM ACSR 30	0	0	3166	178	0	0	0	0.00	0.63	0
CO5495	CO5494	0.94	0 1-	336 MCM ACSR 30	0	0	3124	178	0	0	0	0.00	0.63	0
CO5476	CO5477	0.99	1 1-	2ACSR	0	0	2979	177	5	0	0	0.00	0.63	0
CO5415	CO5438	0.71	245 3-	336ACSR	4034	3899	3548	178	1521	75	15	0.02	0.61	29
CO5416	CO5415	0.82	245 3-	336ACSR	3865	3717	3349	178	1520	75	15	0.08	0.69	114
CO5493	CO5416	0.85	244 3-	336ACSR	3824	3673	3302	178	1519	75	14	0.02	0.71	29
CO5417	CO5493	0.87	243 3-	336ACSR	3792	3639	3265	178	1510	74	14	0.02	0.73	23
CO5352	CO5417	0.89	1 1-	4ACSR	0	0	3205	178	20	2	2	0.00	0.73	0
CO5305	CO5417	0.94	241 3-	336ACSR	3702	3544	3163	178	1480	73	14	0.04	0.77	64
CO5342	CO5305	1.03	1 1-	336 MCM ACSR 30	0	0	3033	178	1	0	0	0.00	0.77	0
CO5306	CO5305	1.18	240 3-	336ACSR	3411	3238	2843	177	1479	73	14	0.16	0.93	229
CO5341	CO5306	1.21	1 1-	336 MCM ACSR 30	0	0	2805	177	13	1	0	0.00	0.93	0
OC-1028383170	CO5341	1.21	0 1-	20 N FUSE	0	0	2805	177	0	0	0	0.00	0.93	0
CO5340	CO5306	1.23	2 1-	336 MCM ACSR 30	0	0	2789	177	14	2	0	0.00	0.93	0
OC1027893628	CO5340	1.23	0 1-	20 N FUSE	0	0	2789	177	0	0	0	0.00	0.93	0
CO5300	CO5306	1.34	237 3-	336ACSR	3240	3062	2662	177	1450	71	14	0.10	1.03	148
CO5401	CO5300	1.36	194 3-	336ACSR	3223	3044	2645	177	1166	57	11	0.01	1.04	10
CO5402	CO5401	1.39	194 3-	336ACSR	3190	3010	2610	177	1166	57	11	0.02	1.06	20
CO5404	CO5402	1.41	192 3-	336ACSR	3165	2984	2584	177	1149	56	11	0.01	1.07	15
CO5403	CO5404	1.44	192 3-	336ACSR	3144	2963	2563	177	1149	56	11	0.01	1.08	13
CO5491	CO5403	1.44	72 3-	4ACSR	3132	2950	2551	177	470	23	17	0.01	1.09	5
OC150	CO5491	1.44	72 3-	50 L OCR	3132	2950	2551	177	470	23	0	0.00	1.09	0
CO5492	OC150	1.53	72 3-	4ACSR	2977	2777	2399	176	470	23	17	0.08	1.17	69
CO5411	CO5492	1.79	72 3-	4ACSR	2536	2383	2006	173	469	23	17	0.24	1.41	206
CO5332	CO5411	1.89	1 1-	336 MCM ACSR 30	0	0	1952	173	3	0	0	0.00	1.41	0
OC-21896800	CO5332	1.89	0 1-	20 N FUSE	0	0	1952	173	0	0	0	0.00	1.41	0
CO5331	CO5411	1.86	1 1-	336 MCM ACSR 30	0	0	1965	173	8	1	0	0.00	1.41	0
OC1032484006	CO5331	1.86	0 1-	20 N FUSE	0	0	1965	173	0	0	0	0.00	1.41	0
CO5307	CO5411	1.89	70 3-	4ACSR	2386	2253	1881	172	457	22	16	0.09	1.50	74
CO5330	CO5307	1.94	2 1-	336 MCM ACSR 30	0	0	1858	172	15	2	0	0.00	1.50	0
OC442772939	CO5330	1.94	1 1-	20 N FUSE	0	0	1858	172	6	0	5	0.00	1.50	0
CO5329	OC442772939	1.98	1 1-	336 MCM ACSR 30	0	0	1835	172	6	0	0	0.00	1.50	0
CO5410	CO5307	2.03	68 3-	4ACSR	2195	2086	1727	170	441	21	16	0.12	1.62	97
CO5409	CO5410	2.10	68 3-	4ACSR	2113	2014	1661	170	441	21	16	0.06	1.68	46
CO5349	CO5409	2.13	1 1-	4ACSR	0	0	1634	169	10	1	1	0.00	1.68	0
OC725236012	CO5349	2.13	0 1-	20 N FUSE	0	0	1634	169	0	0	0	0.00	1.68	0
CO8306	CO5409	2.16	66 3-	4ACSR	2043	1952	1606	169	431	21	15	0.05	1.73	39
CO4882	CO8306	2.26	65 3-	4ACSR	1926	1847	1514	168	426	21	15	0.09	1.82	69
CO4883	CO4882	2.32	65 3-	4ACSR	1869	1796	1470	168	426	21	15	0.05	1.86	36
CO4884	CO4883	2.39	64 3-	4ACSR	1801	1735	1417	167	425	21	15	0.06	1.92	45
CO4885	CO4884	2.55	64 3-	4ACSR	1658	1604	1306	165	425	21	15	0.14	2.06	106
CO4886	CO4885	2.62	63 3-	4ACSR	1605	1556	1265	165	419	20	15	0.06	2.12	42
CO4887	CO4886	2.67	63 3-	4ACSR	1566	1520	1235	164	419	20	15	0.04	2.16	33
CO4747	CO4887	2.80	57 1-	6ACWC	0	0	1166	163	394	59	42	0.35	2.51	230

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4894	CO4747	2.90	55 1-	6ACWC	0	0	1116	162	368	55	40	0.27	2.78	169
CO4895	CO4894	3.17	53 1-	6ACWC	0	0	1004	159	359	54	39	0.68	3.46	410
CO4896	CO4895	3.24	3 1-	6ACSR	0	0	968	158	20	2	3	0.01	3.47	0
CO4897	CO4896	3.38	2 1-	6ACSR	0	0	903	156	12	1	2	0.02	3.49	0
CO4898	CO4897	3.43	1 1-	6ACSR	0	0	884	156	12	1	2	0.00	3.49	0
CO5034	CO4895	3.17	50 1-	6ACWC	0	0	1001	159	337	51	37	0.02	3.48	9
OC132	CO5034	3.17	50 1-	35 H OCR	0	0	1001	159	337	51	146	0.00	3.48	0
CO5035	OC132	3.26	50 1-	6ACWC	0	0	969	158	337	51	37	0.21	3.69	117
CO4903	CO5035	3.32	45 1-	6ACWC	0	0	949	158	307	46	33	0.12	3.81	62
CO4904	CO4903	3.39	44 1-	6ACWC	0	0	926	157	290	44	32	0.14	3.95	67
CO4905	CO4904	3.44	43 1-	6ACWC	0	0	909	157	275	41	30	0.10	4.05	46
CO4906	CO4905	3.48	42 1-	6ACWC	0	0	897	157	249	37	27	0.07	4.11	27
CO4907	CO4906	3.64	41 1-	6ACWC	0	0	850	155	237	36	26	0.28	4.39	112
CO4755	CO4907	3.69	0 1-	6ACSR	0	0	832	154	0	0	0	0.00	4.39	0
CO4733	CO4907	3.83	41 1-	6ACWC	0	0	800	153	236	36	26	0.32	4.71	130
CO4756	CO4733	3.92	1 1-	6ACSR	0	0	770	152	8	1	1	0.00	4.72	0
CO4734	CO4733	3.88	39 1-	6ACWC	0	0	789	153	227	34	25	0.08	4.79	29
CO4758	CO4734	4.07	1 1-	6ACSR	0	0	731	151	0	0	0	0.00	4.79	0
CO4757	CO4734	3.95	2 1-	6ACSR	0	0	766	152	11	1	2	0.00	4.79	0
CO4735	CO4734	3.96	34 1-	6ACWC	0	0	769	152	204	31	22	0.11	4.90	37
CO4916	CO4735	3.99	21 1-	6ACWC	0	0	761	152	148	22	16	0.04	4.94	10
CO4917	CO4916	4.03	21 1-	6ACWC	0	0	754	152	148	22	16	0.04	4.98	9
CO4762	CO4917	4.07	1 1-	6ACWC	0	0	746	151	2	0	0	0.00	4.98	0
CO4761	CO4917	4.08	2 1-	6ACWC	0	0	743	151	2	0	0	0.00	4.98	0
CO4737	CO4917	4.10	16 1-	6ACWC	0	0	739	151	128	19	14	0.06	5.03	12
CO4778	CO4737	4.14	1 1-	6ACWC	0	0	729	151	14	2	2	0.00	5.03	0
CO4763	CO4737	4.19	1 1-	6ACWC	0	0	720	150	0	0	0	0.00	5.03	0
CO4738	CO4737	4.13	11 1-	6ACWC	0	0	732	151	92	14	10	0.02	5.05	3
CO4918	CO4738	4.16	9 1-	6ACWC	0	0	727	151	73	11	8	0.01	5.07	0
CO4765	CO4918	4.20	2 1-	6ACWC	0	0	717	150	12	1	1	0.00	5.07	0
CO4739	CO4918	4.28	6 1-	6ACWC	0	0	703	150	44	6	5	0.03	5.10	2
CO4919	CO4739	4.42	4 1-	6ACWC	0	0	677	149	25	3	3	0.02	5.12	0
CO4920	CO4919	4.51	3 1-	6ACWC	0	0	660	148	12	1	1	0.01	5.13	0
CO4921	CO4920	4.54	2 1-	6ACWC	0	0	657	148	12	1	1	0.00	5.13	0
CO4922	CO4921	4.61	2 1-	6ACWC	0	0	645	147	12	1	1	0.01	5.14	0
CO4923	CO4922	4.68	2 1-	6ACWC	0	0	634	146	12	1	1	0.01	5.14	0
CO4924	CO4923	4.75	2 1-	6ACWC	0	0	623	146	12	1	1	0.01	5.15	0
CO4925	CO4924	4.82	2 1-	6ACWC	0	0	612	145	12	1	1	0.01	5.16	0
CO4926	CO4925	4.86	2 1-	6ACWC	0	0	607	145	12	1	1	0.00	5.16	0
CO4927	CO4926	4.91	1 1-	6ACWC	0	0	599	145	12	1	1	0.00	5.16	0
CO4779	CO4739	4.34	1 1-	6ACWC	0	0	691	149	11	1	1	0.00	5.10	0
CO4764	CO4738	4.23	0 1-	6ACWC	0	0	713	150	0	0	0	0.00	5.05	0
CO4908	CO4735	4.00	6 1-	6ACWC	0	0	760	152	6	0	1	0.00	4.90	0
CO4909	CO4908	4.14	6 1-	6ACWC	0	0	730	151	6	0	1	0.01	4.91	0
OC-201403878	CO4909	4.14	6 1-	20 N FUSE	0	0	730	151	6	0	5	0.00	4.91	0
CO4910	OC-201403878	4.36	6 1-	6ACWC	0	0	687	149	6	0	1	0.01	4.92	0
CO4911	CO4910	4.50	6 1-	6ACWC	0	0	662	148	6	0	1	0.01	4.93	0
CO4912	CO4911	4.81	5 1-	6ACWC	0	0	614	145	6	0	1	0.01	4.94	0
CO4913	CO4912	4.90	4 1-	6ACWC	0	0	601	145	6	0	1	0.00	4.95	0
CO4914	CO4913	5.09	2 1-	6ACSR	0	0	566	143	3	0	0	0.00	4.95	0
CO4915	CO4914	5.16	1 1-	6ACSR	0	0	554	142	0	0	0	0.00	4.95	0
CO4759	CO4913	5.23	2 1-	6ACSR	0	0	543	141	3	0	1	0.01	4.96	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO795361010	CO4759	5.61	2 1-	2ACSR	0	0	511	139	3	0	0	0.00	4.96	0
CO4760	CO4735	4.03	3 1-	6ACSR	0	0	748	151	12	1	2	0.00	4.91	0
CO4899	CO5035	3.29	3 1-	6ACSR	0	0	955	158	13	1	2	0.00	3.69	0
CO4900	CO4899	3.33	2 1-	6ACSR	0	0	936	158	6	0	1	0.00	3.69	0
CO4901	CO4900	3.41	2 1-	6ACSR	0	0	899	156	6	0	1	0.00	3.70	0
CO4902	CO4901	3.49	2 1-	6ACSR	0	0	870	155	6	0	1	0.00	3.70	0
CO4800	CO4899	3.36	1 1-	6ACSR	0	0	924	157	7	1	1	0.00	3.69	0
CO-1044522907	CO4894	2.94	1 1-	2ACSR	0	0	1103	162	8	1	1	0.00	2.79	0
CO724591412	CO-1044522907	2.97	1 1-	1/0PRIURD	0	0	1094	361	8	1	1	0.00	2.79	0
CO4892	CO4747	2.84	1 1-	6ACWC	0	0	1145	162	13	1	1	0.00	2.52	0
CO4893	CO4892	2.87	1 1-	6ACWC	0	0	1129	162	13	1	1	0.00	2.52	0
CO4736	CO4887	2.75	5 3-	4ACSR	1506	1465	1189	163	20	1	1	0.00	2.16	0
CO4890	CO4736	2.91	1 3-	4ACSR	1405	1371	1111	162	6	0	0	0.00	2.16	0
CO4891	CO4890	2.94	0 3-	4ACSR	1385	1353	1096	161	0	0	0	0.00	2.16	0
CO4888	CO4736	2.84	0 1-	6ACWC	0	0	1146	162	0	0	0	0.00	2.16	0
CO4889	CO4888	2.89	0 1-	6ACWC	0	0	1119	162	0	0	0	0.00	2.16	0
CO4754	CO4885	2.62	1 1-	336 MCM ACSR 30	0	0	1289	165	5	0	0	0.00	2.06	0
CO4753	CO4885	2.62	0 1-	336 MCM ACSR 30	0	0	1289	165	0	0	0	0.00	2.06	0
OC1214124256	CO4753	2.62	0 1-	20 N FUSE	0	0	1289	165	0	0	0	0.00	2.06	0
CO-2027551947	CO5409	2.14	1 1-	2ACSR	0	0	1629	169	0	0	0	0.00	1.68	0
CO5412	CO5403	1.45	119 3-	336ACSR	3133	2952	2552	177	678	33	6	0.00	1.08	2
CO30693	CO5412	1.57	0 3-	336ACSR	3018	2835	2435	177	0	0	0	0.00	1.08	0
CO5413	CO5412	1.45	119 3-	336ACSR	3129	2947	2548	177	678	33	6	0.00	1.09	0
RG28	CO5413	1.45	118 3-	200	3129	2947	2548	177	675	33	17	-1.09	0.00	0
CO8318	RG28	1.69	118 3-	336ACSR	2917	2733	2335	176	675	33	6	0.07	0.07	47
CO5516	CO8318	1.74	24 1-	4ACSR	0	0	2256	176	137	20	14	0.05	0.12	12
CO5554	CO5516	1.79	1 1-	4ACSR	0	0	2189	175	14	2	2	0.00	0.13	0
CO5712	CO5516	1.75	23 1-	4ACSR	0	0	2247	176	122	18	13	0.01	0.13	0
OC156	CO5712	1.75	23 1-	50 L OCR	0	0	2247	176	122	18	0	0.00	0.13	0
CO5713	OC156	1.77	23 1-	4ACSR	0	0	2223	176	122	18	13	0.01	0.14	3
CO5557	CO5713	1.81	1 1-	4ACSR	0	0	2159	175	6	0	1	0.00	0.14	0
CO5522	CO5713	2.03	22 1-	4ACSR	0	0	1885	173	117	17	12	0.21	0.35	38
CO371073868	CO5522	2.09	1 1-	1/0PRIURD	0	0	1843	424	10	1	1	0.00	0.35	0
CO5592	CO5522	2.11	19 1-	4ACSR	0	0	1796	172	84	12	9	0.05	0.40	7
CO5593	CO5592	2.22	18 1-	4ACSR	0	0	1681	171	84	12	9	0.07	0.46	9
CO5517	CO5593	2.34	8 1-	4ACSR	0	0	1571	169	40	5	4	0.03	0.50	0
CO5595	CO5517	2.44	6 1-	4ACSR	0	0	1493	168	34	5	4	0.02	0.52	0
CO5594	CO5595	2.51	5 1-	4ACSR	0	0	1439	168	28	4	3	0.01	0.53	0
CO5692	CO5594	2.52	5 1-	4ACSR	0	0	1429	168	28	4	3	0.00	0.53	0
CO5693	CO5692	2.60	4 1-	4ACSR	0	0	1372	167	15	2	2	0.01	0.54	0
CO1293243741	CO5693	2.76	0 1-	2ACSR	0	0	1293	166	0	0	0	0.00	0.54	0
CO5551	CO5693	2.68	3 1-	4ACSR	0	0	1320	166	15	2	2	0.00	0.55	0
CO5548	CO5693	2.69	1 1-	4ACSR	0	0	1317	166	0	0	0	0.00	0.54	0
CO5691	CO5517	2.45	1 1-	4ACSR	0	0	1485	168	2	0	0	0.00	0.50	0
CO8322	CO5691	2.53	0 1-	4ACSR	0	0	1421	167	0	0	0	0.00	0.50	0
CO5701	CO5593	2.26	10 1-	4ACSR	0	0	1650	170	44	6	5	0.01	0.47	0
CO5702	CO5701	2.35	10 1-	4ACSR	0	0	1563	169	44	6	5	0.03	0.50	2
CO5549	CO5702	2.40	0 1-	4ACSR	0	0	1524	169	0	0	0	0.00	0.50	0
CO5697	CO5702	2.38	10 1-	4ACSR	0	0	1543	169	44	6	5	0.01	0.51	0
CO5698	CO5697	2.47	10 1-	4ACSR	0	0	1468	168	44	6	5	0.03	0.54	0
CO5696	CO5698	2.55	9 1-	4ACSR	0	0	1409	167	44	6	5	0.02	0.56	0
CO5596	CO5696	2.59	8 1-	4ACSR	0	0	1384	167	40	5	4	0.01	0.57	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
	CO5556	CO5596	2.62	1 1-	4ACSR	0	0	1361	167	3	0	0	0.00	0.57	0
	CO5521	CO5596	2.62	7 1-	4ACSR	0	0	1360	167	37	5	4	0.01	0.58	0
	CO5547	CO5521	2.67	0 1-	4ACSR	0	0	1329	166	0	0	0	0.00	0.58	0
	CO5518	CO5521	2.66	7 1-	4ACSR	0	0	1337	166	37	5	4	0.01	0.59	0
	CO5662	CO5518	2.77	3 1-	4ACSR	0	0	1268	165	31	4	3	0.02	0.61	0
	CO5663	CO5662	2.89	1 1-	4ACSR	0	0	1198	164	14	2	2	0.01	0.62	0
	CO5694	CO5518	2.91	4 1-	4ACSR	0	0	1187	164	6	0	1	0.01	0.60	0
CO1651118997	CO5694	CO5694	2.97	0 1-	2ACSR	0	0	1166	163	0	0	0	0.00	0.60	0
	CO5695	CO5694	3.06	3 1-	4ACSR	0	0	1116	162	3	0	0	0.00	0.60	0
	CO5566	CO5695	3.10	1 1-	2ACSR	0	0	1101	162	0	0	0	0.00	0.60	0
	CO5565	CO5695	3.10	2 1-	4ACSR	0	0	1096	162	3	0	0	0.00	0.60	0
	CO5562	CO5696	2.58	1 1-	2ACSR	0	0	1394	167	3	0	0	0.00	0.56	0
	CO5550	CO5522	2.09	1 1-	4ACSR	0	0	1812	172	11	1	1	0.00	0.35	0
CO-2040412379	CO5550	CO5550	2.14	0 1-	2ACSR	0	0	1776	172	0	0	0	0.00	0.35	0
	CO5515	CO8318	1.75	94 3-	336ACSR	2867	2683	2286	176	538	26	5	0.01	0.09	8
	CO5676	CO5515	1.79	2 1-	336 MCM ACSR 30	0	0	2261	176	9	1	0	0.00	0.09	0
OC-710506034	CO5676	CO5676	1.79	1 1-	20 N FUSE	0	0	2261	176	2	0	1	0.00	0.09	0
	CO5677	OC-710506034	1.86	1 1-	336 MCM ACSR 30	0	0	2208	176	2	0	0	0.00	0.09	0
	CO5639	CO5515	1.92	92 3-	336 MCM ACSR 30	2742	2558	2165	176	529	26	5	0.04	0.12	20
	CO5641	CO5639	2.02	92 3-	336 MCM ACSR 30	2673	2489	2098	176	529	26	5	0.02	0.15	12
	CO5640	CO5641	2.09	91 3-	336 MCM ACSR 30	2625	2442	2053	176	522	25	5	0.02	0.16	8
	CO5514	CO5640	2.15	88 3-	336ACSR	2586	2404	2017	175	497	24	5	0.01	0.18	6
	CO5659	CO5514	2.17	85 3-	336ACSR	2571	2389	2003	175	480	23	5	0.01	0.18	2
	CO8313	CO5659	2.40	85 3-	336ACSR	2431	2252	1874	175	480	23	5	0.05	0.23	22
	CO5275	CO8313	2.72	84 3-	336ACSR	2259	2084	1719	174	465	22	4	0.07	0.30	30
	CO5224	CO5275	2.97	84 3-	336ACSR	2144	1973	1618	174	465	22	4	0.05	0.34	23
	CO5288	CO5224	2.97	11 1-	4ACSR	0	0	1613	174	59	8	6	0.00	0.35	0
	OC139	CO5288	2.97	11 1-	50 H OCR	0	0	1613	174	59	8	17	0.00	0.35	0
	CO5289	OC139	3.51	11 1-	4ACSR	0	0	1268	168	59	8	6	0.21	0.56	20
	CO5221	CO5289	3.56	2 1-	4ACSR	0	0	1244	168	5	0	1	0.00	0.56	0
	CO5222	CO5221	3.65	2 1-	4ACSR	0	0	1198	167	5	0	1	0.00	0.57	0
	CO5223	CO5222	3.67	1 1-	4ACSR	0	0	1189	166	5	0	1	0.00	0.57	0
	CO8302	CO5223	3.80	0 1-	4ACSR	0	0	1126	165	0	0	0	0.00	0.57	0
	CO5094	CO5223	3.80	1 1-	4ACSR	0	0	1126	165	5	0	1	0.00	0.57	0
	CO5219	CO5289	3.56	8 1-	4ACSR	0	0	1240	168	48	7	5	0.02	0.58	0
	CO5220	CO5219	3.63	6 1-	4ACSR	0	0	1207	167	42	6	4	0.02	0.60	0
	CO5216	CO5220	3.68	5 1-	4ACSR	0	0	1184	166	35	5	4	0.01	0.61	0
	CO5217	CO5216	3.75	5 1-	4ACSR	0	0	1150	166	35	5	4	0.02	0.62	0
	CO5218	CO5217	4.13	5 1-	4ACSR	0	0	995	162	34	5	4	0.09	0.72	5
	CO5215	CO5218	4.20	4 1-	4ACSR	0	0	970	161	33	4	4	0.02	0.73	0
	CO5213	CO5215	4.24	2 1-	4ACSR	0	0	959	161	28	4	3	0.01	0.74	0
	CO5214	CO5213	4.32	1 1-	4ACSR	0	0	931	160	24	3	3	0.01	0.75	0
	CO5095	CO5215	4.44	1 1-	4ACSR	0	0	895	159	1	0	0	0.00	0.73	0
	CO5052	CO5224	3.11	73 3-	336ACSR	2080	1911	1562	174	406	20	4	0.03	0.37	11
	CO5059	CO5052	3.19	16 3-	336ACSR	2050	1882	1536	173	42	2	0	0.00	0.37	0
	CO5227	CO5059	3.24	10 1-	4ACSR	0	0	1500	173	29	4	3	0.01	0.38	0
OC-1974721792	CO5227	CO5227	3.24	10 1-	20 N FUSE	0	0	1500	173	29	4	21	0.00	0.38	0
	CO5228	OC-1974721792	3.26	10 1-	4ACSR	0	0	1489	173	29	4	3	0.00	0.39	0
	CO5229	CO5228	3.28	10 1-	4ACSR	0	0	1475	172	29	4	3	0.00	0.39	0
	CO5230	CO5229	3.31	8 1-	4ACSR	0	0	1452	172	16	2	2	0.00	0.39	0
	CO5231	CO5230	3.40	7 1-	4ACSR	0	0	1399	171	7	1	1	0.00	0.40	0
	CO5232	CO5231	3.49	7 1-	4ACSR	0	0	1344	170	7	1	1	0.00	0.40	0

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5233	CO5232	3.54	7 1-	4ACSR	0	0	1317	170	7	1	1	0.00	0.41	0
CO8311	CO5233	3.59	7 1-	4ACSR	0	0	1291	169	7	1	1	0.00	0.41	0
CO5660	CO8311	3.67	6 1-	4ACSR	0	0	1248	168	7	1	1	0.00	0.41	0
CO5661	CO5660	3.87	5 1-	4ACSR	0	0	1150	166	7	1	1	0.01	0.42	0
CO5626	CO5661	3.92	2 1-	4ACSR	0	0	1129	166	3	0	0	0.00	0.42	0
CO5627	CO5626	3.97	2 1-	4ACSR	0	0	1106	165	3	0	0	0.00	0.42	0
CO5589	CO5661	4.09	1 1-	4ACSR	0	0	1060	164	4	0	0	0.01	0.43	0
CO5591	CO5589	4.18	1 1-	4ACSR	0	0	1024	163	4	0	0	0.00	0.43	0
CO5590	CO5591	4.25	1 1-	4ACSR	0	0	998	162	4	0	0	0.00	0.43	0
CO5225	CO5059	3.22	3 1-	4ACSR	0	0	1512	173	10	1	1	0.00	0.37	0
CO5226	CO5225	3.26	1 1-	4ACSR	0	0	1489	173	4	0	0	0.00	0.38	0
CO5086	CO5059	3.42	1 1-	4ACSR	0	0	1385	171	3	0	0	0.00	0.38	0
OC445373381	CO5086	3.42	0 1-	20 N FUSE	0	0	1385	171	0	0	0	0.00	0.38	0
CO5057	CO5052	3.31	57 3-	336ACSR	2001	1836	1495	173	364	17	3	0.03	0.40	11
CO5058	CO5057	3.35	57 3-	336ACSR	1984	1819	1480	173	364	17	3	0.01	0.41	3
CO5234	CO5058	3.40	1 1-	336 MCM ACSR 30	0	0	1465	173	1	0	0	0.00	0.41	0
OC-802813206	CO5234	3.40	1 1-	20 N FUSE	0	0	1465	173	1	0	1	0.00	0.41	0
CO5235	OC-802813206	3.47	1 1-	336 MCM ACSR 30	0	0	1443	173	1	0	0	0.00	0.41	0
CO5060	CO5058	3.45	56 3-	336ACSR	1946	1783	1448	173	363	17	3	0.02	0.43	6
CO5236	CO5060	3.56	55 3-	336ACSR	1907	1746	1415	173	352	17	3	0.02	0.44	6
CO5238	CO5236	3.64	55 3-	336ACSR	1879	1719	1391	173	352	17	3	0.01	0.45	4
CO5237	CO5238	3.75	54 3-	336ACSR	1843	1684	1361	172	352	17	3	0.02	0.47	6
CO5246	CO5237	3.89	54 3-	336ACSR	1797	1641	1323	172	352	17	3	0.02	0.49	8
CO5245	CO5246	3.91	54 3-	336ACSR	1791	1637	1318	172	352	17	3	0.00	0.50	0
CO5244	CO5245	3.93	54 3-	336ACSR	1784	1631	1312	172	352	17	3	0.00	0.50	0
CO5243	CO5244	3.98	53 3-	336ACSR	1767	1615	1298	172	332	16	3	0.01	0.51	3
SW-637280452-B	CO5243	3.98	52 3-	Closed	1767	1615	1298	172	326	16	0	0.00	0.51	0
SW-637280452-A	SW-637280452-B	3.98	52 3-	Closed	1767	1615	1298	172	326	16	0	0.00	0.51	0
CO5252	SW-637280452-A	4.12	52 3-	336ACSR	1725	1577	1264	172	326	16	3	0.02	0.53	6
CO5251	CO5252	4.14	51 3-	336ACSR	1720	1572	1260	171	325	16	3	0.00	0.53	0
CO5250	CO5251	4.19	51 3-	336ACSR	1705	1558	1247	171	325	16	3	0.01	0.54	2
CO5249	CO5250	4.22	50 3-	336ACSR	1697	1551	1241	171	309	15	3	0.00	0.54	0
CO5254	CO5249	4.29	48 3-	336ACSR	1677	1533	1224	171	299	14	3	0.01	0.55	3
CO5253	CO5254	4.35	48 3-	336ACSR	1661	1518	1211	171	299	14	3	0.01	0.56	2
CO5286	CO5253	4.36	20 1-	4ACSR	0	0	1208	171	143	21	15	0.01	0.57	0
OC140	CO5286	4.36	20 1-	70 L OCR	0	0	1208	171	143	21	30	0.00	0.57	0
CO5287	OC140	4.48	20 1-	4ACSR	0	0	1156	170	143	21	15	0.13	0.69	30
CO5260	CO5287	4.61	20 1-	4ACSR	0	0	1108	168	143	21	15	0.12	0.81	28
CO5261	CO5260	4.75	19 1-	4ACSR	0	0	1055	167	134	19	14	0.14	0.95	30
CO5093	CO5261	4.83	1 1-	4ACSR	0	0	1027	166	14	2	1	0.00	0.95	0
CO5053	CO5261	4.84	18 1-	4ACSR	0	0	1022	166	120	17	13	0.08	1.03	16
CO5055	CO5053	4.96	11 1-	4ACSR	0	0	983	165	86	12	9	0.07	1.10	10
CO5262	CO5055	5.05	8 1-	4ACSR	0	0	956	164	61	9	6	0.04	1.14	4
CO5263	CO5262	5.07	8 1-	4ACSR	0	0	948	164	61	9	6	0.01	1.15	0
CO5264	CO5263	5.13	7 1-	4ACSR	0	0	930	163	53	7	6	0.02	1.17	0
CO5265	CO5264	5.16	6 1-	4ACSR	0	0	923	163	43	6	5	0.01	1.18	0
CO5266	CO5265	5.19	5 1-	4ACSR	0	0	915	162	32	4	3	0.01	1.18	0
CO5267	CO5266	5.22	4 1-	4ACSR	0	0	905	162	25	3	3	0.01	1.19	0
CO5268	CO5267	5.28	4 1-	4ACSR	0	0	887	162	25	3	3	0.01	1.20	0
CO5269	CO5268	5.35	3 1-	4ACSR	0	0	868	161	21	3	2	0.01	1.21	0
CO5270	CO5269	5.40	2 1-	4ACSR	0	0	856	160	21	3	2	0.01	1.21	0
CO5271	CO5270	5.45	1 1-	4ACSR	0	0	844	160	11	1	1	0.00	1.22	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
	CO5090	CO5055	5.03	3 1-	4ACSR	0	0	960	164	25	3	3	0.01	1.11	0
	CO5092	CO5090	5.08	2 1-	4ACSR	0	0	946	164	16	2	2	0.00	1.12	0
	CO5091	CO5090	5.08	1 1-	4ACSR	0	0	946	164	9	1	1	0.00	1.11	0
	CO5054	CO5053	4.94	6 1-	4ACSR	0	0	990	165	30	4	3	0.02	1.05	0
	CO5089	CO5054	5.01	2 1-	4ACSR	0	0	968	164	8	1	1	0.00	1.05	0
	CO5088	CO5054	5.01	2 1-	4ACSR	0	0	968	164	13	1	1	0.00	1.05	0
	CO5256	CO5253	4.38	28 3-	336ACSR	1654	1511	1205	171	156	7	1	0.00	0.56	0
	CO5255	CO5256	4.53	28 3-	336ACSR	1615	1476	1174	171	156	7	1	0.01	0.57	0
	CO8307	CO5255	4.87	2 1-	4ACSR	0	0	1045	167	5	0	1	0.01	0.58	0
OC-818373937	CO8307	CO8307	4.87	2 1-	20 N FUSE	0	0	1045	167	5	0	4	0.00	0.58	0
	CO5628	OC-818373937	4.94	1 1-	4ACSR	0	0	1021	166	3	0	0	0.00	0.59	0
	CO5629	CO5628	5.01	1 1-	4ACSR	0	0	997	166	3	0	0	0.00	0.59	0
	CO5513	OC-818373937	4.99	1 1-	4ACSR	0	0	1005	166	2	0	0	0.00	0.58	0
	CO5258	CO5255	4.59	26 3-	336ACSR	1600	1462	1162	171	151	7	1	0.00	0.58	0
	CO5257	CO5258	4.65	26 3-	336ACSR	1583	1446	1148	170	151	7	1	0.00	0.58	0
	CO5259	CO5257	4.73	26 3-	336ACSR	1564	1429	1133	170	151	7	1	0.01	0.58	0
	CO8312	CO5259	5.14	24 3-	336ACSR	1473	1346	1060	169	137	6	1	0.02	0.61	3
	CO5587	CO8312	5.36	23 3-	336ACSR	1426	1303	1023	169	133	6	1	0.01	0.62	0
CO-1859020918	CO5587	CO5587	5.49	22 3-	2ACSR	1380	1265	989	168	131	6	4	0.02	0.65	5
CO1555463764	CO-1859020918	CO-1859020918	5.55	22 3-	2ACSR	1361	1248	975	168	131	6	4	0.01	0.66	2
	CO5586	CO1555463764	5.64	21 3-	336ACSR	1344	1233	962	167	118	5	1	0.00	0.66	0
	CO5585	CO5586	5.69	21 3-	336ACSR	1336	1225	956	167	118	5	1	0.00	0.66	0
	CO5512	CO5585	5.83	15 3-	336ACSR	1313	1204	938	167	85	4	1	0.00	0.67	0
	CO5625	CO5512	5.88	3 1-	4ACSR	0	0	923	166	9	1	1	0.00	0.67	0
OC1562225337	CO5625	CO5625	5.88	3 1-	20 N FUSE	0	0	923	166	9	1	7	0.00	0.67	0
	CO5624	OC1562225337	5.91	2 1-	4ACSR	0	0	915	166	4	0	0	0.00	0.67	0
	CO2074732033	CO5624	5.97	1 1-	2ACSR	0	0	902	166	0	0	0	0.00	0.67	0
	CO1890756962	CO2074732033	6.03	1 1-	2ACSR	0	0	889	165	0	0	0	0.00	0.67	0
CO-1901535915	CO1890756962	CO1890756962	6.09	1 1-	2ACSR	0	0	877	165	0	0	0	0.00	0.67	0
	CO5546	OC1562225337	5.91	1 1-	4ACSR	0	0	917	166	5	0	1	0.00	0.67	0
	CO5509	CO5512	6.08	11 3-	336ACSR	1271	1166	905	166	72	3	1	0.01	0.68	0
AU133034184+	CO5509	CO5509	6.08	7 3-	99 KVA 1PH AUTO	170	166	154	136	43	2	16	0.25	0.93	0
	CO5508+	AU133034184	6.16	7 3-	336ACSR	170	165	154	136	43	1	0	0.00	0.93	0
	CO5687+	CO5508	6.28	1 1-	4ACSR	0	0	154	136	8	0	0	0.00	0.93	0
OC-906280049+	CO5687	CO5687	6.28	0 1-	20 N FUSE	0	0	154	136	0	0	0	0.00	0.93	0
	CO5688+	OC-906280049	6.62	0 1-	4ACSR	0	0	153	135	0	0	0	0.00	0.93	0
	CO5511+	CO5508	6.29	2 3-	336ACSR	170	165	154	136	11	0	0	0.00	0.93	0
	CO5582+	CO5511	6.38	0 3-	336ACSR	170	165	154	136	0	0	0	0.00	0.93	0
	CO5705+	CO5582	6.42	0 3-	336ACSR	170	165	153	136	0	0	0	0.00	0.93	0
OC-1438472691	CO5705	CO5705	6.42	0 3-	20 N FUSE	170	165	153	136	0	0	0	125.07	126.00	0
	CO5540+	CO5511	6.38	2 1-	4ACSR	0	0	153	136	11	0	1	0.00	0.93	0
OC-506365641+	CO5540	CO5540	6.38	0 1-	20 N FUSE	0	0	153	136	0	0	0	0.00	0.93	0
	CO5689+	CO5508	6.27	3 1-	4ACSR	0	0	154	136	24	1	1	0.00	0.93	0
OC-1244311342+	CO5689	CO5689	6.27	2 1-	20 N FUSE	0	0	154	136	19	1	7	0.00	0.93	0
	CO5690+	OC-1244311342	6.36	2 1-	4ACSR	0	0	153	136	19	1	1	0.00	0.93	0
	CO5619+	CO5690	6.41	1 1-	4ACSR	0	0	153	135	15	1	1	0.00	0.93	0
	CO362691026	CO5509	6.13	2 1-	2ACSR	0	0	895	166	12	1	1	0.00	0.68	0
	CO580271455	CO362691026	6.15	2 1-	2ACSR	0	0	891	166	12	1	1	0.00	0.68	0
	CO5722	CO5509	6.15	2 1-	4ACSR	0	0	888	166	16	2	2	0.01	0.68	0
OC-1952577528	CO5722	CO5722	6.15	1 1-	20 N FUSE	0	0	888	166	13	1	9	0.00	0.68	0
	CO5543	OC-1952577528	6.20	1 1-	4ACSR	0	0	876	165	13	1	1	0.00	0.69	0
CO-884927264	CO5585	CO5585	5.72	6 1-	2ACSR	0	0	948	167	33	4	3	0.01	0.67	0

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1329109554	CO-884927264	5.79	5 1-	2ACSR	0	0	933	167	22	3	2	0.01	0.68	0
CO5541	CO1329109554	5.86	1 1-	4ACSR	0	0	914	166	0	0	0	0.00	0.68	0
CO5714	CO1329109554	5.80	4 1-	4ACSR	0	0	931	166	22	3	2	0.00	0.68	0
OC154	CO5714	5.80	4 1-	50 L OCR	0	0	931	166	22	3	0	0.00	0.68	0
CO5715	OC154	5.87	4 1-	4ACSR	0	0	912	166	22	3	2	0.01	0.69	0
CO5584	CO5715	6.09	4 1-	4ACSR	0	0	857	164	22	3	2	0.03	0.72	0
CO5583	CO5584	6.42	4 1-	4ACSR	0	0	784	160	22	3	2	0.05	0.77	0
CO5686	CO5583	6.50	2 1-	4ACSR	0	0	767	159	10	1	1	0.01	0.78	0
CO5718	CO5686	6.51	2 1-	4ACSR	0	0	765	159	10	1	1	0.00	0.78	0
CO5621	CO5718	6.56	1 1-	4ACSR	0	0	756	159	0	0	0	0.00	0.78	0
CO5620	CO5621	6.68	1 1-	4ACSR	0	0	734	158	0	0	0	0.00	0.78	0
CO5544	CO5718	6.55	1 1-	4ACSR	0	0	759	159	10	1	1	0.00	0.78	0
CO5717	CO5583	6.76	2 1-	4ACSR	0	0	719	157	12	1	1	0.03	0.80	0
CO5598	CO5717	6.91	2 1-	4ACSR	0	0	692	156	12	1	1	0.01	0.81	0
CO5716	CO5598	7.15	2 1-	4ACSR	0	0	654	154	12	1	1	0.02	0.83	0
CO5672	CO5716	7.42	2 1-	4ACSR	0	0	616	151	12	1	1	0.02	0.86	0
CO5673	CO5672	7.53	2 1-	4ACSR	0	0	601	150	12	1	1	0.01	0.87	0
CO5623	CO5673	7.55	1 1-	4ACSR	0	0	598	150	10	1	1	0.00	0.87	0
CO5622	CO5623	7.58	1 1-	4ACSR	0	0	595	150	10	1	1	0.00	0.87	0
CO5542	CO5673	7.67	1 1-	4ACSR	0	0	583	149	2	0	0	0.00	0.87	0
CO788885993	CO-884927264	5.76	1 1-	2ACSR	0	0	939	167	12	1	1	0.00	0.67	0
CO5561	CO1555463764	5.63	1 1-	2ACSR	0	0	956	167	13	1	1	0.00	0.66	0
OC341510529	CO5561	5.63	0 1-	20 N FUSE	0	0	956	167	0	0	0	0.00	0.66	0
CO1002566554	CO-1859020918	5.57	0 3-	2ACSR	1355	1243	971	167	0	0	0	0.00	0.65	0
CO5563	CO5587	5.44	1 1-	2ACSR	0	0	1004	168	2	0	0	0.00	0.62	0
OC2067879718	CO5563	5.44	0 1-	20 N FUSE	0	0	1004	168	0	0	0	0.00	0.62	0
CO-1751459849	CO5259	4.79	1 1-	2ACSR	0	0	1113	170	10	1	1	0.00	0.59	0
CO5087	CO5249	4.29	2 1-	336 MCM ACSR 30	0	0	1225	171	10	1	0	0.00	0.54	0
OC-292748679	CO5087	4.29	0 1-	20 N FUSE	0	0	1225	171	0	0	0	0.00	0.54	0
CO5247	CO5243	4.01	1 1-	4ACSR	0	0	1286	172	6	0	1	0.00	0.51	0
OC693110567	CO5247	4.01	1 1-	20 N FUSE	0	0	1286	172	6	0	4	0.00	0.51	0
CO5248	OC693110567	4.06	1 1-	4ACSR	0	0	1263	171	6	0	1	0.00	0.51	0
CO5239	CO5237	3.78	0 1-	336ACSR	0	0	1352	172	0	0	0	0.00	0.47	0
OC1052710764	CO5239	3.78	0 1-	20 N FUSE	0	0	1352	172	0	0	0	0.00	0.47	0
CO5240	OC1052710764	3.84	0 1-	336ACSR	0	0	1335	172	0	0	0	0.00	0.47	0
CO5241	CO5240	3.89	0 1-	336ACSR	0	0	1323	172	0	0	0	0.00	0.47	0
CO5242	CO5241	3.95	0 1-	336ACSR	0	0	1306	172	0	0	0	0.00	0.47	0
CO5101	CO5237	3.78	0 1-	4ACSR	0	0	1342	172	0	0	0	0.00	0.47	0
OC688918135	CO5101	3.78	0 1-	20 N FUSE	0	0	1342	172	0	0	0	0.00	0.47	0
CO5102	CO5060	3.48	1 1-	4ACSR	0	0	1429	173	11	1	1	0.00	0.43	0
OC-1897931575	CO5102	3.48	0 1-	20 N FUSE	0	0	1429	173	0	0	0	0.00	0.43	0
CO5552	CO5514	2.22	1 1-	336 MCM ACSR 30	0	0	1976	175	0	0	0	0.00	0.18	0
OC-414635908	CO5552	2.22	0 1-	20 N FUSE	0	0	1976	175	0	0	0	0.00	0.18	0
CO5703	CO5640	2.13	1 1-	336 MCM ACSR 30	0	0	2031	176	14	2	0	0.00	0.16	0
OC-1355861340	CO5703	2.13	1 1-	20 N FUSE	0	0	2031	176	14	2	10	0.00	0.16	0
CO5719	OC-1355861340	2.18	1 1-	336 MCM ACSR 30	0	0	2004	175	14	2	0	0.00	0.17	0
CO5461	CO5413	1.50	1 1-	336 MCM ACSR 30	0	0	2504	177	4	0	0	0.00	1.09	0
OC1909251800	CO5461	1.50	1 1-	20 N FUSE	0	0	2504	177	4	0	3	0.00	1.09	0
CO5460	OC1909251800	1.52	1 1-	336 MCM ACSR 30	0	0	2483	177	4	0	0	0.00	1.09	0
CO5400	CO5300	1.36	43 1-	4ACSR	0	0	2612	177	283	42	30	0.05	1.08	24
CO5399	CO5400	1.46	41 1-	4ACSR	0	0	2431	176	269	40	29	0.19	1.27	85
CO5350	CO5399	1.53	2 1-	4ACSR	0	0	2318	175	8	1	1	0.00	1.28	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5483	CO5399	1.47	39 1-	4ACSR	0	0	2419	176	261	38	28	0.01	1.29	5
OC142	CO5483	1.47	39 1-	50 H OCR	0	0	2419	176	261	38	78	0.00	1.29	0
CO5484	OC142	1.51	39 1-	4ACSR	0	0	2350	175	261	38	28	0.08	1.36	33
CO5414	CO5484	1.55	38 1-	4ACSR	0	0	2288	175	257	38	27	0.07	1.43	29
CO5333	CO5414	1.59	1 1-	4ACSR	0	0	2224	174	12	1	1	0.00	1.43	0
CO5397	CO5414	1.58	37 1-	4ACSR	0	0	2246	174	245	36	26	0.05	1.48	19
CO5398	CO5397	1.62	37 1-	4ACSR	0	0	2184	174	245	36	26	0.07	1.54	27
CO5396	CO5398	1.71	36 1-	4ACSR	0	0	2047	173	232	34	25	0.16	1.70	61
CO5393	CO5396	1.79	33 1-	4ACSR	0	0	1944	172	213	31	23	0.12	1.82	42
CO5392	CO5393	1.85	33 1-	4ACSR	0	0	1866	171	213	31	23	0.10	1.91	34
CO5391	CO5392	1.94	32 1-	4ACSR	0	0	1765	171	213	31	23	0.14	2.05	48
CO5394	CO5391	1.96	32 1-	4ACSR	0	0	1746	170	213	31	23	0.03	2.08	10
CO5395	CO5394	1.99	30 1-	4ACSR	0	0	1715	170	205	30	22	0.04	2.12	14
CO5334	CO5395	2.05	2 1-	4ACSR	0	0	1655	169	23	3	2	0.00	2.12	0
CO5481	CO5395	2.14	27 1-	4ACSR	0	0	1570	168	173	25	18	0.18	2.30	52
CO5390	CO5481	2.20	25 1-	4ACSR	0	0	1517	168	155	23	17	0.07	2.37	18
CO5335	CO5390	2.25	1 1-	4ACSR	0	0	1474	167	13	1	1	0.00	2.37	0
CO5304	CO5390	2.27	24 1-	4ACSR	0	0	1460	167	142	21	15	0.07	2.44	17
CO5314	CO5304	2.31	19 1-	4ACSR	0	0	1433	167	121	18	13	0.03	2.47	6
CO5355	CO5314	2.41	1 1-	4ACSR	0	0	1359	166	1	0	0	0.00	2.47	0
CO5313	CO5314	2.45	17 1-	4ACSR	0	0	1333	165	117	17	13	0.12	2.59	24
CO5337	CO5313	2.50	1 1-	4ACSR	0	0	1302	165	10	1	1	0.00	2.59	0
CO5303	CO5313	2.66	16 1-	4ACSR	0	0	1205	163	108	16	12	0.16	2.76	30
CO5302	CO5303	2.87	12 1-	4ACSR	0	0	1098	161	79	11	8	0.11	2.87	14
CO5388	CO5302	2.93	7 1-	4ACSR	0	0	1072	161	62	9	7	0.03	2.89	3
CO5387	CO5388	2.96	6 1-	4ACSR	0	0	1060	160	62	9	7	0.01	2.91	0
CO5389	CO5387	2.98	5 1-	4ACSR	0	0	1053	160	62	9	7	0.01	2.91	0
CO5356	CO5389	3.01	1 1-	4ACSR	0	0	1040	160	29	4	3	0.00	2.92	0
CO5421	CO5389	2.99	4 1-	4ACSR	0	0	1046	160	33	4	4	0.00	2.92	0
CO5420	CO5421	3.02	4 1-	4ACSR	0	0	1035	160	33	4	4	0.01	2.92	0
CO5351	CO5420	3.06	1 1-	4ACSR	0	0	1020	160	0	0	0	0.00	2.92	0
CO5312	CO5420	3.11	3 1-	4ACSR	0	0	999	159	33	4	4	0.02	2.94	0
CO5339	CO5312	3.21	1 1-	4ACSR	0	0	964	158	14	2	2	0.00	2.95	0
CO-399067886	CO5312	3.16	2 1-	2ACSR	0	0	984	159	18	2	2	0.00	2.95	0
CO1013259010	CO-399067886	3.18	2 1-	2ACSR	0	0	978	159	18	2	2	0.00	2.95	0
CO5362	CO1013259010	3.24	1 1-	2ACSR	0	0	963	158	7	1	1	0.00	2.95	0
CO5499	CO1013259010	3.56	1 1-	4ACSR	0	0	857	155	11	1	1	0.03	2.98	0
CO5382	CO5499	3.65	1 1-	4ACSR	0	0	831	154	11	1	1	0.01	2.99	0
CO5381	CO5382	3.83	1 1-	4ACSR	0	0	785	153	11	1	1	0.01	3.01	0
CO5383	CO5381	3.91	1 1-	4ACSR	0	0	766	152	11	1	1	0.01	3.01	0
CO5380	CO5383	4.03	1 1-	4ACSR	0	0	739	151	11	1	1	0.01	3.02	0
CO5384	CO5380	4.20	1 1-	4ACSR	0	0	706	150	11	1	1	0.01	3.04	0
CO5379	CO5384	4.26	1 1-	4ACSR	0	0	694	149	11	1	1	0.01	3.04	0
CO5385	CO5379	4.34	1 1-	4ACSR	0	0	678	148	11	1	1	0.01	3.05	0
CO5378	CO5385	4.42	1 1-	4ACSR	0	0	664	148	11	1	1	0.01	3.05	0
CO5386	CO5378	4.59	1 1-	4ACSR	0	0	637	147	11	1	1	0.01	3.07	0
CO5377	CO5386	4.69	1 1-	4ACSR	0	0	622	146	11	1	1	0.00	3.07	0
CO5338	CO5302	2.93	3 1-	4ACSR	0	0	1072	161	5	0	1	0.00	2.87	0
CO5459	CO5303	2.76	3 1-	4ACSR	0	0	1152	162	29	4	3	0.02	2.77	0
CO5458	CO5459	2.81	2 1-	4ACSR	0	0	1129	162	18	2	2	0.00	2.78	0
CO5456	CO5304	2.34	5 1-	4ACSR	0	0	1410	166	21	3	2	0.01	2.45	0
CO5336	CO5456	2.37	3 1-	4ACSR	0	0	1384	166	13	2	1	0.00	2.45	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5457	CO5456	2.37	1 1-	4ACSR	0	0	1383	166	8	1	1	0.00	2.45	0
CO437552857	CO5481	2.27	1 1-	2ACSR	0	0	1481	168	7	1	1	0.00	2.30	0
CO5455	CO5396	1.75	3 1-	4ACSR	0	0	1999	173	18	2	2	0.00	1.70	0
CO5454	CO5455	1.80	2 1-	4ACSR	0	0	1923	172	14	2	2	0.00	1.71	0
CO-1312843299	CO-1660857539	0.00	614 3-	500 MCM ACSR 30	5512	5751	5816	180	4223	190	28	0.00	0.00	3
Blue Bank	CO-1312843299	0.00	614 3-	560 200WVE	5512	5751	5816	180	4223	190	34	0.00	0.00	0
CO1769567024	Blue Bank	0.00	614 3-	500 MCM ACSR 30	5510	5748	5813	180	4223	190	28	0.00	0.00	3
CO-1952292198	CO1769567024	0.01	614 3-	336ACSR	5489	5706	5771	180	4223	190	37	0.01	0.01	48
CO-1291772028	CO-1952292198	0.03	614 3-	336ACSR	5432	5594	5657	180	4223	190	37	0.03	0.04	135
CO2080275668	CO-1291772028	0.09	614 3-	336ACSR	5276	5324	5359	180	4222	190	37	0.07	0.11	377
CO1062602769	CO2080275668	0.15	614 3-	336ACSR	5128	5148	5089	179	4220	190	37	0.07	0.19	377
CO28398208	CO1062602769	0.16	614 3-	336ACSR	5103	5118	5044	179	4219	190	37	0.01	0.20	66
CO898629534	CO28398208	0.19	614 3-	336ACSR	5037	5040	4945	179	4218	190	37	0.03	0.24	177
SW-166854633-B	CO898629534	0.19	614 3-	Closed	5037	5040	4945	179	4217	190	0	0.00	0.24	0
SW-166854633-A	SW-166854633-B	0.19	614 3-	Closed	5037	5040	4945	179	4217	190	0	0.00	0.24	0
CO1612322580	SW-166854633-A	0.20	614 3-	336ACSR	4998	4993	4886	179	4217	190	37	0.02	0.26	107
CO-1131954798	CO1612322580	0.23	0 3-	336ACSR	4942	4928	4791	179	0	0	0	0.00	0.26	0
SW1577090571-B	CO-1131954798	0.23	0 3-	Open	4942	4928	4791	179	0	0	0	0.00	0.26	0
CO-774506312	CO1612322580	0.24	614 3-	336ACSR	4908	4888	4733	179	4217	190	37	0.05	0.31	251
CO5478	CO-774506312	0.28	1 1-	2ACSR	0	0	4538	179	28	3	2	0.00	0.31	0
OC-2036552216	CO5478	0.28	0 1-	20 N FUSE	0	0	4538	179	0	0	0	0.00	0.31	0
CO5466	CO-774506312	0.32	2 1-	4ACSR	0	0	4335	178	15	2	1	0.01	0.31	0
OC1592248314	CO5466	0.32	1 1-	20 N FUSE	0	0	4335	178	14	1	9	0.00	0.31	0
CO5467	OC1592248314	0.41	1 1-	4ACSR	0	0	3914	177	14	1	1	0.00	0.32	0
CO5435	CO-774506312	0.39	611 3-	336ACSR	4588	4517	4286	179	4172	188	36	0.19	0.50	952
CO5434	CO5435	0.53	611 3-	336ACSR	4328	4224	3943	179	4168	188	36	0.17	0.67	870
CO1705855636	CO5434	0.58	0 1-	2ACSR	0	0	3775	178	0	0	0	0.00	0.67	0
OC78394041	CO1705855636	0.58	0 1-	20 N FUSE	0	0	3775	178	0	0	0	0.00	0.67	0
CO5433	CO5434	0.56	610 3-	336ACSR	4273	4162	3872	179	4155	187	36	0.04	0.71	199
CO8323	CO5433	0.60	609 3-	336ACSR	4201	4083	3781	179	4138	187	36	0.05	0.76	262
CO8391	CO8323	0.61	609 3-	336ACSR	4190	4071	3768	179	4137	187	36	0.01	0.77	41
CO30644	CO8391	0.74	1 1-	2ACSR	0	0	3394	178	0	0	0	0.00	0.77	0
OC1024202476	CO30644	0.74	1 1-	20 N FUSE	0	0	3394	178	0	0	0	0.00	0.77	0
CO30643	OC1024202476	0.74	1 1-	2ACSR	0	0	3381	178	0	0	0	0.00	0.77	0
CO5630	CO30643	0.84	1 1-	4ACSR	0	0	3094	176	0	0	0	0.00	0.77	0
CO5631	CO5630	0.98	1 1-	4ACSR	0	0	2721	175	0	0	0	0.00	0.77	0
CO1851473906	CO30643	1.05	0 1-	2ACSR	0	0	2677	175	0	0	0	0.00	0.77	0
CO8390	CO8391	0.67	608 3-	336ACSR	4085	3956	3638	178	4137	187	36	0.08	0.85	400
CO5599	CO8390	0.72	608 3-	336ACSR	4016	3881	3554	178	4135	187	36	0.05	0.90	275
CO5600	CO5599	0.79	608 3-	336ACSR	3903	3759	3419	178	4134	187	36	0.09	1.00	470
CO5602	CO5600	0.89	607 3-	336ACSR	3772	3618	3265	178	4131	187	36	0.12	1.11	582
CO5601	CO5602	1.04	606 3-	336ACSR	3577	3412	3043	178	4124	186	36	0.19	1.30	934
CO5965	CO5601	1.14	604 3-	336ACSR	3452	3281	2906	177	4107	186	36	0.13	1.43	649
CO5966	CO5965	1.20	602 3-	336ACSR	3382	3208	2829	177	4089	185	36	0.08	1.50	385
CO5967	CO5966	1.25	602 3-	336ACSR	3336	3161	2780	177	4087	185	36	0.05	1.56	258
CO5968	CO5967	1.31	602 3-	336ACSR	3274	3096	2713	177	4086	185	36	0.07	1.63	364
CO5971	CO5968	1.37	597 3-	336ACSR	3209	3029	2645	177	4051	184	35	0.08	1.70	387
CO5972	CO5971	1.46	597 3-	336ACSR	3122	2941	2555	177	4049	184	35	0.11	1.81	540
CO5908	CO5972	1.60	32 1-	4ACSR	0	0	2326	175	144	19	14	0.12	1.93	27
CO6098	CO5908	1.60	30 1-	4ACSR	0	0	2315	175	138	18	13	0.01	1.93	0
OC178	CO6098	1.60	30 1-	15 H OCR	0	0	2315	175	138	18	125	0.00	1.93	0

Substation Power Factor: 0.97
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6099	OC178	1.67	30 1-	4ACSR	0	0	2215	175	138	18	13	0.05	1.99	12
CO5973	CO6099	1.76	29 1-	4ACSR	0	0	2078	174	138	18	13	0.08	2.07	18
CO5974	CO5973	1.81	1 1-	4ACSR	0	0	2014	173	9	1	1	0.00	2.07	0
CO5975	CO5974	1.89	1 1-	4ACSR	0	0	1914	172	9	1	1	0.00	2.07	0
CO5900	CO5973	1.83	28 1-	4ACSR	0	0	1983	173	129	17	12	0.05	2.12	12
CO8324	CO5900	2.04	9 1-	4ACSR	0	0	1735	171	43	5	4	0.06	2.18	4
CO5553	CO8324	2.09	1 1-	4ACSR	0	0	1687	170	18	2	2	0.00	2.18	0
CO5520	CO8324	2.12	8 1-	4ACSR	0	0	1664	170	25	3	2	0.01	2.19	0
CO5632	CO5520	2.13	3 1-	4ACSR	0	0	1647	170	10	1	1	0.00	2.19	0
CO5699	CO5632	2.15	3 1-	4ACSR	0	0	1628	169	10	1	1	0.00	2.19	0
CO5700	CO5699	2.32	0 1-	4ACSR	0	0	1487	168	0	0	0	0.00	2.19	0
CO5555	CO5520	2.16	3 1-	4ACSR	0	0	1619	169	13	1	1	0.00	2.19	0
CO5564	CO5555	2.23	1 1-	1/0PRIURD	0	0	1580	403	9	1	1	0.00	2.19	0
CO5899	CO5900	2.02	19 1-	4ACSR	0	0	1760	171	86	11	8	0.10	2.22	14
CO5977	CO5899	2.07	17 1-	4ACSR	0	0	1706	170	66	8	6	0.02	2.24	2
CO5978	CO5977	2.18	15 1-	4ACSR	0	0	1606	169	63	8	6	0.04	2.28	4
CO5976	CO5978	2.22	14 1-	4ACSR	0	0	1565	169	63	8	6	0.02	2.29	0
CO5979	CO5976	2.24	13 1-	4ACSR	0	0	1550	169	58	7	6	0.01	2.30	0
CO5980	CO5979	2.27	12 1-	4ACSR	0	0	1525	168	58	7	6	0.01	2.31	0
CO5898	CO5980	2.46	3 1-	4ACSR	0	0	1381	166	6	0	1	0.01	2.32	0
CO8327	CO5898	2.63	2 1-	4ACSR	0	0	1271	165	4	0	0	0.00	2.32	0
CO5597	CO8327	2.69	2 1-	4ACSR	0	0	1232	164	4	0	0	0.00	2.32	0
CO5930	CO5898	2.55	1 1-	4ACSR	0	0	1318	165	2	0	0	0.00	2.32	0
CO5981	CO5980	2.32	9 1-	4ACSR	0	0	1486	168	52	7	5	0.01	2.33	0
CO5982	CO5981	2.46	8 1-	4ACSR	0	0	1380	166	47	6	5	0.04	2.37	3
CO1943516140	CO5982	2.50	1 1-	2ACSR	0	0	1356	166	10	1	1	0.00	2.37	0
CO-287515837	CO1943516140	2.55	0 1-	2ACSR	0	0	1330	166	0	0	0	0.00	2.37	0
CO5983	CO5982	2.53	7 1-	4ACSR	0	0	1332	166	37	5	4	0.01	2.38	0
CO5984	CO5983	2.61	6 1-	2ACSR	0	0	1292	165	27	3	2	0.01	2.39	0
CO5985	CO5984	2.76	6 1-	2ACSR	0	0	1221	164	27	3	2	0.02	2.41	0
CO1074637485	CO5985	2.79	1 1-	2ACSR	0	0	1208	164	10	1	1	0.00	2.41	0
CO510226860	CO1074637485	2.82	1 1-	2ACSR	0	0	1196	164	10	1	1	0.00	2.41	0
CO836986208	CO5985	2.83	1 1-	2ACSR	0	0	1193	164	6	0	0	0.00	2.41	0
CO5986	CO5985	2.84	4 1-	2ACSR	0	0	1189	164	11	1	1	0.00	2.41	0
CO5987	CO5986	2.96	4 1-	2ACSR	0	0	1141	163	11	1	1	0.01	2.41	0
CO5988	CO5987	3.03	2 1-	2ACSR	0	0	1114	162	5	0	0	0.00	2.42	0
CO5989	CO5988	3.07	1 1-	2ACSR	0	0	1101	162	0	0	0	0.00	2.42	0
CO5948	CO5987	2.98	2 1-	2ACSR	0	0	1134	163	6	0	0	0.00	2.41	0
CO6104	CO5948	3.03	2 1-	1/0PRIURD	0	0	1122	365	6	0	1	0.00	2.42	0
CO5931	CO5976	2.31	1 1-	4ACSR	0	0	1496	168	5	0	0	0.00	2.30	0
CO5929	CO5899	2.09	1 1-	4ACSR	0	0	1687	170	9	1	1	0.00	2.22	0
CO5928	CO5899	2.09	1 1-	4ACSR	0	0	1687	170	10	1	1	0.00	2.22	0
CO5946	CO5908	1.64	1 1-	4ACSR	0	0	2251	175	3	0	0	0.00	1.93	0
CO5902	CO5972	1.53	565 3-	336ACSR	3056	2874	2488	177	3902	177	34	0.08	1.89	399
CO5990	CO5902	1.66	564 3-	336ACSR	2946	2762	2376	177	3896	177	34	0.15	2.04	711
CO5992	CO5990	1.73	563 3-	336ACSR	2885	2701	2316	176	3891	177	34	0.08	2.13	412
CO5993	CO5992	1.77	562 3-	336ACSR	2853	2669	2284	176	3879	176	34	0.05	2.17	222
CO5991	CO5993	1.78	561 3-	336ACSR	2848	2664	2279	176	3866	176	34	0.01	2.18	35
CO5994	CO5991	1.82	560 3-	336ACSR	2819	2635	2250	176	3845	175	34	0.04	2.22	207
CO5995	CO5994	1.88	559 3-	336ACSR	2772	2588	2205	176	3835	175	34	0.07	2.29	334
CO6102	CO5995	1.88	5 1-	4ACSR	0	0	2196	176	30	4	3	0.00	2.29	0
OC176	CO6102	1.88	5 1-	10 N FUSE	0	0	2196	176	30	4	41	0.00	2.29	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6103	OC176	1.92	5 1-	4ACSR	0	0	2142	176	30	4	3	0.01	2.30	0
CO5996	CO6103	1.97	3 1-	4ACSR	0	0	2081	175	18	2	2	0.01	2.30	0
CO5997	CO5996	2.11	3 1-	4ACSR	0	0	1910	173	18	2	2	0.02	2.32	0
CO5922	CO5997	2.23	2 1-	4ACSR	0	0	1782	172	8	1	1	0.00	2.32	0
CO5921	CO5997	2.23	1 1-	4ACSR	0	0	1782	172	10	1	1	0.00	2.32	0
CO6100	CO5995	1.88	6 1-	4ACSR	0	0	2196	176	30	4	3	0.00	2.29	0
OC177	CO6100	1.88	6 1-	10 N FUSE	0	0	2196	176	30	4	41	0.00	2.29	0
CO6101	OC177	1.97	6 1-	4ACSR	0	0	2081	175	30	4	3	0.02	2.31	0
CO6003	CO6101	2.07	3 1-	4ACSR	0	0	1964	174	5	0	1	0.00	2.31	0
CO6001	CO6003	2.16	3 1-	4ACSR	0	0	1857	173	5	0	1	0.00	2.32	0
CO6002	CO6001	2.21	2 1-	4ACSR	0	0	1808	172	5	0	0	0.00	2.32	0
CO6000	CO6002	2.40	1 1-	4ACSR	0	0	1622	170	3	0	0	0.00	2.32	0
CO5998	CO6101	2.04	2 1-	4ACSR	0	0	1993	174	11	1	1	0.00	2.31	0
CO5999	CO5998	2.08	1 1-	4ACSR	0	0	1948	174	2	0	0	0.00	2.31	0
CO5920	CO6101	2.04	1 1-	4ACSR	0	0	1993	174	14	1	1	0.00	2.31	0
CO6004	CO5995	1.94	547 3-	336ACSR	2723	2539	2157	176	3762	171	33	0.08	2.37	353
CO6005	CO6004	2.02	545 3-	336ACSR	2670	2486	2106	176	3761	171	33	0.08	2.45	394
CO6006	CO6005	2.11	542 3-	336ACSR	2607	2425	2047	176	3719	170	33	0.10	2.55	476
CO17310	CO6006	2.15	541 3-	336ACSR	2585	2402	2025	176	3626	165	32	0.04	2.59	170
CO17311	CO17310	2.15	541 3-	336ACSR	2580	2398	2021	176	3625	165	32	0.01	2.60	32
CO6109	CO17311	2.21	539 3-	336ACSR	2544	2362	1987	175	3574	163	32	0.06	2.66	269
CO6009	CO6109	2.23	538 3-	336ACSR	2530	2348	1974	175	3567	163	31	0.02	2.68	107
OC1234156967	CO6009	2.23	536 3-	20 N FUSE	2530	2348	1974	175	3557	162	815	0.00	2.68	0
CO6010	OC1234156967	2.25	536 3-	336ACSR	2519	2337	1964	175	3557	162	31	0.02	2.70	86
CO6011	CO6010	2.26	535 3-	336ACSR	2510	2329	1956	175	3557	162	31	0.01	2.71	66
CO6012	CO6011	2.30	534 3-	336ACSR	2487	2306	1934	175	3549	162	31	0.04	2.75	178
CO6013	CO6012	2.41	533 3-	336ACSR	2425	2246	1877	175	3539	162	31	0.11	2.86	491
CO6016	CO6013	2.46	532 3-	336ACSR	2396	2217	1850	175	3533	161	31	0.05	2.92	245
CO6017	CO6016	2.49	531 3-	336ACSR	2378	2200	1834	175	3527	161	31	0.03	2.95	147
CO6014	CO6017	2.51	531 3-	336ACSR	2365	2187	1822	175	3526	161	31	0.02	2.98	107
CO6015	CO6014	2.57	530 3-	336ACSR	2336	2158	1795	175	3524	161	31	0.06	3.03	257
CO5945	CO6015	2.61	1 1-	4ACSR	0	0	1758	174	13	1	1	0.00	3.04	0
OC1428432812	CO5945	2.61	0 1-	20 N FUSE	0	0	1758	174	0	0	0	0.00	3.04	0
CO5901	CO6015	2.62	529 3-	336ACSR	2311	2134	1773	175	3510	161	31	0.05	3.08	219
CO6029	CO5901	2.87	504 3-	336ACSR	2186	2014	1662	174	3352	153	30	0.25	3.33	1061
CO6030	CO6029	2.93	504 3-	336ACSR	2158	1987	1637	174	3347	153	30	0.06	3.39	257
CO6031	CO6030	2.99	504 3-	336ACSR	2130	1959	1612	174	3345	153	30	0.06	3.45	265
RG938754825	CO6031	2.99	502 3-	200	2130	1959	1612	174	3343	153	77	-3.45	0.00	0
CO6036	RG938754825	3.07	502 3-	336ACSR	2096	1927	1583	174	3343	149	29	0.07	0.07	308
CO6037	CO6036	3.15	501 3-	336ACSR	2063	1894	1553	174	3341	149	29	0.08	0.15	319
CO6041	CO6037	3.19	501 3-	336ACSR	2047	1880	1540	173	3340	149	29	0.04	0.19	148
CO6042	CO6041	3.22	499 3-	336ACSR	2031	1864	1526	173	3326	149	29	0.04	0.22	157
CO6040	CO6042	3.26	499 3-	336ACSR	2018	1851	1514	173	3325	149	29	0.03	0.26	131
CO6045	CO6040	3.33	499 3-	336ACSR	1988	1823	1489	173	3325	149	29	0.07	0.33	295
CO6046	CO6045	3.43	499 3-	336ACSR	1950	1787	1456	173	3323	149	29	0.10	0.42	399
CO6047	CO6046	3.49	498 3-	336ACSR	1929	1767	1439	173	3319	148	29	0.05	0.48	225
CO6048	CO6047	3.80	498 3-	336ACSR	1822	1667	1348	172	3318	148	29	0.29	0.77	1228
CO6108	CO6048	3.85	491 3-	336ACSR	1805	1652	1334	172	3246	145	28	0.05	0.82	198
CO6107	CO6108	3.93	491 3-	336ACSR	1780	1629	1313	172	3245	145	28	0.07	0.89	298
CO6401	CO6107	3.95	491 3-	336ACSR	1776	1625	1310	172	3243	145	28	0.01	0.90	51
CO6403	CO6401	4.07	477 3-	336ACSR	1738	1590	1278	172	3168	142	27	0.11	1.01	458
CO6829	CO6403	4.12	15 1-	4ACSR	0	0	1257	171	65	8	6	0.02	1.03	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC523612381	CO6829	4.12	12 1-	20 N FUSE	0	0	1257	171	54	7	36	0.00	1.03	0
CO6830	OC523612381	4.22	12 1-	4ACSR	0	0	1209	170	54	7	5	0.03	1.06	3
CO6511	CO6830	4.29	11 1-	4ACSR	0	0	1180	169	54	7	5	0.02	1.09	0
CO6513	CO6511	4.40	10 1-	4ACSR	0	0	1133	168	53	7	5	0.04	1.12	3
CO6512	CO6513	4.54	10 1-	4ACSR	0	0	1078	167	53	7	5	0.04	1.17	4
CO6456	CO6512	4.64	2 1-	4ACSR	0	0	1043	166	5	0	1	0.00	1.17	0
CO6393	CO6512	4.61	8 1-	4ACSR	0	0	1052	166	48	6	5	0.02	1.18	0
CO-1199748307	CO6393	4.79	1 1-	2ACSR	0	0	1002	165	16	2	1	0.01	1.19	0
CO6455	CO6393	4.67	0 1-	4ACSR	0	0	1031	165	0	0	0	0.00	1.18	0
CO6394	CO6393	4.68	6 1-	4ACSR	0	0	1026	165	22	2	2	0.01	1.19	0
CO6823	CO6394	4.77	5 1-	4ACSR	0	0	997	164	16	2	2	0.01	1.20	0
CO6824	CO6823	4.81	4 1-	4ACSR	0	0	984	164	7	0	1	0.00	1.20	0
CO6652	CO6824	4.88	4 1-	4ACSR	0	0	960	163	7	0	1	0.00	1.20	0
CO6649	CO6652	4.96	4 1-	4ACSR	0	0	936	163	7	0	1	0.00	1.21	0
CO6651	CO6649	5.02	4 1-	4ACSR	0	0	919	162	7	0	1	0.00	1.21	0
CO6650	CO6651	5.09	3 1-	4ACSR	0	0	898	161	3	0	0	0.00	1.21	0
CO1292259639	CO6650	5.21	1 1-	2ACSR	0	0	872	160	3	0	0	0.00	1.21	0
CO6454	CO6394	4.74	1 1-	4ACSR	0	0	1006	165	6	0	1	0.00	1.19	0
CO6453	CO6511	4.34	1 1-	4ACSR	0	0	1159	169	0	0	0	0.00	1.09	0
CO6540	CO6403	4.15	461 3-	336ACSR	1715	1569	1259	172	3100	139	27	0.07	1.08	277
CO6537	CO6540	4.23	461 3-	336ACSR	1693	1549	1241	171	3099	139	27	0.07	1.15	262
CO6539	CO6537	4.28	461 3-	336ACSR	1677	1534	1228	171	3097	139	27	0.05	1.20	198
CO6538	CO6539	4.41	461 3-	336ACSR	1645	1504	1201	171	3097	139	27	0.11	1.31	419
CA-648038189	CO6538	4.41	0 3-	Capacitor	1645	1504	1201	171	0	0	0	0.00	1.31	0
CO6549	CO6538	4.46	35 1-	4ACSR	0	0	1179	170	230	31	22	0.07	1.38	28
CO6550	CO6549	4.51	35 1-	4ACSR	0	0	1157	170	230	31	22	0.07	1.45	28
CO6548	CO6550	4.57	33 1-	4ACSR	0	0	1133	169	227	30	22	0.08	1.54	30
CO6850	CO6548	4.58	33 1-	4ACSR	0	0	1130	169	227	30	22	0.01	1.55	3
OC190	CO6850	4.58	33 1-	50 H OCR	0	0	1130	169	227	30	61	0.00	1.55	0
CO6509	OC190	4.68	16 1-	4ACSR	0	0	1091	168	114	15	11	0.07	1.61	13
CO6807	CO6509	4.74	15 1-	4ACSR	0	0	1070	167	99	13	10	0.03	1.65	5
CO6808	CO6807	4.80	13 1-	4ACSR	0	0	1050	167	87	11	8	0.03	1.68	4
OC1698725168	CO6808	4.80	12 1-	20 N FUSE	0	0	1050	167	85	11	58	0.00	1.68	0
CO6805	OC1698725168	4.90	2 1-	4ACSR	0	0	1013	166	8	1	1	0.00	1.68	0
CO6806	CO6805	4.92	1 1-	4ACSR	0	0	1008	166	1	0	0	0.00	1.68	0
CO6510	CO6806	4.96	1 1-	4ACSR	0	0	996	165	1	0	0	0.00	1.68	0
CO6452	OC1698725168	4.85	1 1-	4ACSR	0	0	1030	166	16	2	2	0.00	1.68	0
CO6687	OC1698725168	4.91	5 1-	4ACSR	0	0	1011	166	38	5	4	0.03	1.70	0
CO6626	CO6687	4.97	5 1-	4ACSR	0	0	992	165	38	5	4	0.01	1.72	0
CO6665	CO6626	5.04	4 1-	2ACSR	0	0	972	165	26	3	2	0.01	1.72	0
OC1018156279	CO6665	5.04	4 1-	20 N FUSE	0	0	972	165	26	3	18	0.00	1.72	0
CO6841	OC1018156279	5.12	4 1-	2ACSR	0	0	952	164	26	3	2	0.01	1.73	0
CO8334	CO6841	5.19	0 1-	2ACSR	0	0	936	164	0	0	0	0.00	1.73	0
CO6675	CO6841	5.17	4 1-	2ACSR	0	0	941	164	26	3	2	0.00	1.74	0
CO6712	CO6675	5.19	4 1-	2ACSR	0	0	936	164	26	3	2	0.00	1.74	0
CO6713	CO6712	5.22	2 1-	2ACSR	0	0	928	163	20	2	1	0.00	1.74	0
CO6676	CO6713	5.30	1 1-	2ACSR	0	0	910	163	6	0	0	0.00	1.74	0
CO6677	CO6676	5.36	0 1-	2ACSR	0	0	897	162	0	0	0	0.00	1.74	0
CO6627	CO6627	5.00	1 1-	4ACSR	0	0	980	165	12	1	1	0.00	1.72	0
CO6647	OC1698725168	4.89	4 1-	4ACSR	0	0	1017	166	23	3	2	0.01	1.68	0
CO6648	CO6647	4.95	2 1-	4ACSR	0	0	999	165	6	0	1	0.00	1.69	0
CO6451	CO6509	4.74	1 1-	4ACSR	0	0	1071	167	14	1	1	0.00	1.62	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO6390	OC190	4.67	17 1-	4ACSR	0	0	1096	168	113	15	11	0.06	1.61	11
CO6853	CO6390	4.67	2 1-	4ACSR	0	0	1095	168	7	0	1	0.00	1.61	0
CO6389	CO6390	4.73	14 1-	4ACSR	0	0	1075	168	105	14	10	0.04	1.64	6
CO6705	CO6389	4.76	13 1-	4ACSR	0	0	1063	167	93	12	9	0.02	1.66	3
CO6706	CO6705	4.79	11 1-	4ACSR	0	0	1053	167	79	10	8	0.01	1.67	0
CO6832	CO6706	4.86	10 1-	4ACSR	0	0	1027	166	64	8	6	0.03	1.70	2
CO6833	CO6832	4.91	9 1-	4ACSR	0	0	1012	166	46	6	4	0.01	1.71	0
CO6507	CO6833	4.93	9 1-	4ACSR	0	0	1005	166	46	6	4	0.01	1.71	0
CO6442	CO6507	5.00	0 1-	4ACSR	0	0	980	165	0	0	0	0.00	1.71	0
CO6621	CO6507	4.96	9 1-	4ACSR	0	0	995	165	46	6	4	0.01	1.72	0
CO6625	CO6621	4.97	5 1-	4ACSR	0	0	993	165	20	2	2	0.00	1.72	0
CO6664	CO6625	5.10	4 1-	2ACSR	0	0	959	164	19	2	1	0.01	1.73	0
CO6707	CO6664	5.25	3 1-	2ACSR	0	0	921	163	6	0	0	0.00	1.73	0
CO6708	CO6707	5.32	0 1-	2ACSR	0	0	905	163	0	0	0	0.00	1.73	0
CO6624	CO6625	5.00	1 1-	4ACSR	0	0	983	165	0	0	0	0.00	1.72	0
CO6622	CO6621	4.98	2 1-	4ACSR	0	0	987	165	9	1	1	0.00	1.72	0
CO6443	CO6622	5.08	1 1-	4ACSR	0	0	957	164	4	0	0	0.00	1.72	0
CO6623	CO6622	5.10	1 1-	4ACSR	0	0	950	164	5	0	0	0.00	1.72	0
CO6444	CO6389	4.78	1 1-	4ACSR	0	0	1057	167	11	1	1	0.00	1.64	0
CO6445	CO6444	4.82	1 1-	4ACSR	0	0	1040	167	11	1	1	0.00	1.65	0
CO-778584560	CO6390	4.71	1 1-	2ACSR	0	0	1084	168	1	0	0	0.00	1.61	0
CO6545	CO6538	4.48	409 3-	336ACSR	1624	1485	1185	171	2762	124	24	0.06	1.37	218
CO6544	CO6545	4.55	409 3-	336ACSR	1606	1469	1170	171	2761	124	24	0.05	1.42	193
CO6546	CO6544	4.66	409 3-	336ACSR	1580	1445	1149	170	2760	124	24	0.08	1.50	293
CO6543	CO6546	4.71	409 3-	336ACSR	1568	1434	1139	170	2759	124	24	0.04	1.54	137
FD322298804	CO6543	4.71	409 3-	_DefaultBayEqui	1568	1434	1139	170	2758	124	0	0.00	1.54	0
CO6547	FD322298804	4.81	409 3-	336ACSR	1544	1412	1120	170	2758	124	24	0.08	1.62	274
OC322298804	CO6547	4.81	405 3-	20 N FUSE	1544	1412	1120	170	2742	123	620	0.00	1.62	0
CO6541	OC322298804	4.88	405 3-	336ACSR	1526	1396	1106	170	2742	123	24	0.06	1.68	209
CO6542	CO6541	4.93	404 3-	336ACSR	1516	1386	1097	170	2696	121	23	0.04	1.72	125
CO6388	CO6542	5.08	404 3-	4/0ACSR	1475	1349	1065	169	2695	121	36	0.17	1.89	648
CO6419	CO6388	5.16	3 1-	4ACSR	0	0	1040	169	19	2	2	0.00	1.89	0
OC1203892521	CO6419	5.16	0 1-	20 N FUSE	0	0	1040	169	0	0	0	0.00	1.89	0
CO6369	CO6388	5.18	401 3-	4/0ACSR	1450	1327	1046	169	2673	121	36	0.11	1.99	399
CO6370	CO6369	5.22	108 1-	4ACSR	0	0	1034	169	488	66	47	0.11	2.11	89
CO6421	CO6370	5.25	2 1-	4ACSR	0	0	1022	168	1	0	0	0.00	2.11	0
CO6371	CO6370	5.39	106 1-	4ACSR	0	0	982	167	487	66	47	0.50	2.61	400
OC1296592086	CO6371	5.39	106 1-	20 N FUSE	0	0	982	167	486	66	331	0.00	2.61	0
CO6422	OC1296592086	5.44	2 1-	4ACSR	0	0	965	166	10	1	1	0.00	2.61	0
CO6374	OC1296592086	5.48	4 1-	4ACSR	0	0	954	166	23	3	2	0.01	2.62	0
CO6592	CO6374	5.56	3 1-	4ACSR	0	0	933	165	11	1	1	0.00	2.63	0
CO6591	CO6592	5.59	3 1-	4ACSR	0	0	922	165	11	1	1	0.00	2.63	0
CO6685	CO6591	5.67	1 1-	4ACSR	0	0	902	164	1	0	0	0.00	2.63	0
CO6684	CO6591	5.64	2 1-	4ACSR	0	0	909	164	9	1	1	0.00	2.63	0
CO6639	CO6684	5.69	1 1-	4ACSR	0	0	897	164	9	1	1	0.00	2.63	0
CO6423	CO6374	5.53	1 1-	4ACSR	0	0	940	166	12	1	1	0.00	2.62	0
CO6372	OC1296592086	5.48	100 1-	4ACSR	0	0	954	166	453	61	44	0.26	2.87	194
CO6590	CO6372	5.63	1 1-	4ACSR	0	0	913	165	8	1	1	0.01	2.88	0
CO6474	CO6590	5.67	1 1-	2ACSR	0	0	904	164	8	1	1	0.00	2.88	0
CO6686	CO6590	5.80	0 1-	4ACSR	0	0	868	163	0	0	0	0.00	2.88	0
CO6373	CO6372	5.65	99 1-	4ACSR	0	0	907	164	444	60	43	0.46	3.33	336
CO6425	CO6373	5.68	1 1-	4ACSR	0	0	899	164	7	0	1	0.00	3.33	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6375	CO6373	5.76	98 1-	4ACSR	0	0	880	163	436	59	43	0.27	3.60	195
CO6593	CO6375	5.82	2 1-	4ACSR	0	0	863	163	9	1	1	0.00	3.60	0
CO6594	CO6593	5.86	1 1-	4ACSR	0	0	853	162	1	0	0	0.00	3.60	0
CO6759	CO6375	5.77	92 1-	4ACSR	0	0	875	163	391	53	38	0.04	3.64	25
CO6760	CO6759	5.83	90 1-	4ACSR	0	0	861	162	378	52	37	0.14	3.78	85
CO6758	CO6760	5.88	89 1-	4ACSR	0	0	849	162	375	51	37	0.11	3.89	68
CO6757	CO6758	5.91	88 1-	4ACSR	0	0	842	162	369	50	36	0.06	3.95	39
CO6490	CO6757	5.94	88 1-	4ACSR	0	0	833	161	369	50	36	0.09	4.04	53
CO6489	CO6490	6.03	88 1-	4ACSR	0	0	814	161	369	50	36	0.19	4.23	118
OC-86712539	CO6489	6.03	88 1-	20 N FUSE	0	0	814	161	369	50	255	0.00	4.23	0
CO6491	OC-86712539	6.25	86 1-	4ACSR	0	0	767	158	355	49	35	0.47	4.70	280
CO6683	CO6491	6.30	86 1-	4ACSR	0	0	756	158	353	49	35	0.12	4.83	73
CO6782	CO6683	6.44	39 1-	4ACSR	0	0	730	157	207	28	21	0.17	5.00	59
CO6783	CO6782	6.55	38 1-	4ACSR	0	0	709	156	207	28	21	0.14	5.14	50
CO6473	CO6783	6.68	5 1-	4ACSR	0	0	687	155	24	3	2	0.01	5.15	0
CO153232061	CO6473	6.72	1 1-	2ACSR	0	0	681	154	10	1	1	0.00	5.15	0
CO6406	CO6783	6.66	33 1-	4ACSR	0	0	690	155	182	25	18	0.12	5.26	37
OC-1404447939	CO6406	6.66	33 1-	20 N FUSE	0	0	690	155	182	25	127	0.00	5.26	0
CO6780	OC-1404447939	6.72	3 1-	4ACSR	0	0	679	154	18	2	2	0.01	5.27	0
CO6781	CO6780	6.83	2 1-	4ACSR	0	0	662	153	11	1	1	0.01	5.27	0
CO6672	CO6781	6.89	1 1-	2ACSR	0	0	655	153	9	1	1	0.00	5.27	0
CO6668	CO6672	7.04	1 1-	2ACSR	0	0	637	152	9	1	1	0.01	5.28	0
CO6671	CO6668	7.10	1 1-	2ACSR	0	0	630	152	9	1	1	0.00	5.28	0
CO6669	CO6671	7.15	1 1-	2ACSR	0	0	624	151	9	1	1	0.00	5.28	0
CO6670	CO6669	7.22	1 1-	2ACSR	0	0	617	151	9	1	1	0.00	5.29	0
CO6641	CO6781	6.87	1 1-	4ACSR	0	0	656	153	2	0	0	0.00	5.27	0
CO6450	CO6641	6.94	0 1-	4ACSR	0	0	645	152	0	0	0	0.00	5.27	0
CO6642	CO6641	7.11	1 1-	4ACSR	0	0	620	151	2	0	0	0.00	5.27	0
CO6778	OC-1404447939	6.76	30 1-	4ACSR	0	0	674	154	164	22	16	0.10	5.36	27
CO6779	CO6778	6.83	29 1-	4ACSR	0	0	662	153	161	22	16	0.07	5.43	20
CO6508	CO6779	7.00	27 1-	4ACSR	0	0	636	152	142	19	14	0.14	5.57	33
CO8351	CO6508	7.11	22 1-	4ACSR	0	0	620	151	98	13	10	0.07	5.64	11
CO7755	CO8351	7.15	21 1-	4ACSR	0	0	615	150	98	13	10	0.02	5.66	4
CO7570	CO7755	7.27	14 1-	4ACSR	0	0	598	149	63	8	6	0.05	5.71	5
CO7756	CO7570	7.29	14 1-	4ACSR	0	0	596	149	63	8	6	0.00	5.72	0
CO7757	CO7756	7.44	12 1-	4ACSR	0	0	577	148	45	6	4	0.04	5.76	3
CO7758	CO7757	7.52	11 1-	4ACSR	0	0	567	147	41	5	4	0.02	5.78	0
CO7759	CO7758	7.56	10 1-	4ACSR	0	0	563	147	39	5	4	0.01	5.79	0
CO7522	CO7759	7.65	1 1-	4ACSR	0	0	552	146	5	0	1	0.00	5.79	0
CO7465	CO7759	7.59	9 1-	4ACSR	0	0	559	147	34	4	3	0.01	5.79	0
CO7760	CO7465	7.60	8 1-	4ACSR	0	0	557	147	24	3	2	0.00	5.80	0
CO7761	CO7760	7.63	7 1-	4ACSR	0	0	554	146	20	2	2	0.00	5.80	0
CO7571	CO7761	7.87	7 1-	4ACSR	0	0	528	144	20	2	2	0.03	5.83	0
CO7642	CO7571	8.00	4 1-	4ACSR	0	0	514	143	12	1	1	0.01	5.84	0
CO8354	CO7642	8.06	4 1-	4ACSR	0	0	509	143	12	1	1	0.00	5.84	0
CO6646	CO8354	8.13	4 1-	4ACSR	0	0	502	142	12	1	1	0.00	5.85	0
CO6645	CO6646	8.17	1 1-	4ACSR	0	0	498	142	4	0	0	0.00	5.85	0
CO6644	CO6646	8.16	2 1-	4ACSR	0	0	499	142	8	1	1	0.00	5.85	0
CO6643	CO6644	8.19	2 1-	4ACSR	0	0	496	142	8	1	1	0.00	5.85	0
CO7572	CO7571	7.95	3 1-	4ACSR	0	0	520	144	8	1	1	0.00	5.83	0
CO7573	CO7572	8.01	3 1-	4ACSR	0	0	513	143	8	1	1	0.00	5.84	0
CO7574	CO7573	8.11	2 1-	4ACSR	0	0	504	143	8	1	1	0.00	5.84	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7650	CO7574	8.20	1 1-	4ACSR	0	0	495	142	2	0	0	0.00	5.84	0
CO7651	CO7650	8.35	1 1-	4ACSR	0	0	482	141	2	0	0	0.00	5.84	0
CO7652	CO7651	8.41	1 1-	4ACSR	0	0	476	140	2	0	0	0.00	5.84	0
CO7530	CO7574	8.15	1 1-	4ACSR	0	0	500	142	5	0	1	0.00	5.84	0
CO7523	CO7465	7.68	1 1-	4ACSR	0	0	548	146	10	1	1	0.00	5.80	0
CO7466	CO7755	7.21	5 1-	4ACSR	0	0	607	150	27	3	3	0.01	5.67	0
CO7674	CO7466	7.29	5 1-	4ACSR	0	0	596	149	27	3	3	0.01	5.68	0
CO7675	CO7674	7.39	3 1-	4ACSR	0	0	583	148	9	1	1	0.01	5.69	0
CO7641	CO7675	7.44	3 1-	4ACSR	0	0	576	148	9	1	1	0.00	5.69	0
CO7648	CO7674	7.32	1 1-	4ACSR	0	0	592	149	1	0	0	0.00	5.68	0
CO7649	CO7648	7.37	1 1-	4ACSR	0	0	586	149	1	0	0	0.00	5.68	0
CO7646	CO7466	7.25	0 1-	4ACSR	0	0	601	149	0	0	0	0.00	5.67	0
CO7647	CO7646	7.27	0 1-	4ACSR	0	0	598	149	0	0	0	0.00	5.67	0
CO6788	CO6508	7.09	3 1-	4ACSR	0	0	623	151	30	4	3	0.01	5.59	0
CO6789	CO6788	7.14	2 1-	4ACSR	0	0	616	150	20	2	2	0.00	5.59	0
CO6667	CO6779	6.90	1 1-	2ACSR	0	0	654	153	9	1	1	0.00	5.43	0
CO6666	CO6779	6.97	1 1-	2ACSR	0	0	645	152	11	1	1	0.00	5.44	0
CO6392	CO6683	6.52	47 1-	4ACSR	0	0	714	156	146	20	14	0.19	5.01	45
OC1303073911	CO6392	6.52	46 1-	20 N FUSE	0	0	714	156	135	18	94	0.00	5.01	0
CO6786	OC1303073911	6.58	21 1-	4ACSR	0	0	705	155	116	16	12	0.04	5.05	7
CO6787	CO6786	6.64	20 1-	4ACSR	0	0	694	155	112	15	11	0.04	5.09	8
CO6751	CO6787	6.74	18 1-	4ACSR	0	0	676	154	101	14	10	0.07	5.16	11
CO6752	CO6751	6.75	17 1-	4ACSR	0	0	675	154	95	13	9	0.01	5.16	0
CO6750	CO6752	6.81	17 1-	4ACSR	0	0	666	153	95	13	9	0.03	5.20	5
CO6492	CO6750	6.88	16 1-	4ACSR	0	0	654	153	93	12	9	0.04	5.23	6
CO6753	CO6492	6.89	12 1-	4ACSR	0	0	652	153	71	9	7	0.00	5.24	0
CO6754	CO6753	6.92	10 1-	4ACSR	0	0	648	152	60	8	6	0.01	5.25	0
CO8348	CO6754	7.09	7 1-	4ACSR	0	0	623	151	28	3	3	0.03	5.28	0
CO-1477955234	CO8348	7.15	4 1-	2ACSR	0	0	616	150	26	3	2	0.01	5.28	0
CO-1105906878	CO-1477955234	7.21	1 1-	2ACSR	0	0	610	150	10	1	1	0.00	5.29	0
CO-1583622550	CO-1477955234	7.22	3 1-	2ACSR	0	0	608	150	16	2	1	0.00	5.29	0
CO7616	CO-1583622550	7.32	1 1-	4ACSR	0	0	596	149	7	1	1	0.00	5.29	0
CO-2117295247	CO-1583622550	7.28	2 1-	2ACSR	0	0	602	150	8	1	1	0.00	5.29	0
CO-880054005	CO-2117295247	7.35	2 1-	2ACSR	0	0	595	149	8	1	1	0.00	5.29	0
CO1884890173	CO-880054005	7.42	2 1-	2ACSR	0	0	588	149	8	1	1	0.00	5.30	0
CO7505	CO8348	7.15	1 1-	4ACSR	0	0	615	150	0	0	0	0.00	5.28	0
CO7504	CO8348	7.15	2 1-	4ACSR	0	0	615	150	2	0	0	0.00	5.28	0
CO6596	CO6754	6.95	3 1-	4ACSR	0	0	644	152	32	4	3	0.01	5.25	0
CO6755	CO6596	7.01	3 1-	4ACSR	0	0	635	152	32	4	3	0.01	5.26	0
CO6756	CO6755	7.04	1 1-	4ACSR	0	0	630	151	12	1	1	0.00	5.27	0
CO6595	CO6756	7.06	1 1-	4ACSR	0	0	627	151	12	1	1	0.00	5.27	0
CO6428	CO6492	6.98	1 1-	4ACSR	0	0	639	152	3	0	0	0.00	5.24	0
CO6427	CO6787	6.75	2 1-	4ACSR	0	0	675	154	11	1	1	0.00	5.10	0
CO6784	OC1303073911	6.61	25 1-	4ACSR	0	0	698	155	19	2	2	0.01	5.03	0
CO6785	CO6784	6.66	24 1-	4ACSR	0	0	690	155	19	2	2	0.01	5.03	0
CO1633543038	CO6785	6.71	8 1-	2ACSR	0	0	683	154	5	0	0	0.00	5.03	0
CO698378099	CO1633543038	6.76	6 1-	2ACSR	0	0	677	154	5	0	0	0.00	5.03	0
CO8350	CO698378099	6.82	1 1-	4ACSR	0	0	666	153	4	0	0	0.00	5.03	0
CO7787	CO698378099	6.81	5 1-	4ACSR	0	0	668	154	1	0	0	0.00	5.03	0
CO-845164888	CO1633543038	6.75	2 1-	2ACSR	0	0	678	154	0	0	0	0.00	5.03	0
CO6790	CO6785	6.69	12 1-	4ACSR	0	0	685	154	13	1	1	0.00	5.03	0
CO6791	CO6790	6.73	9 1-	4ACSR	0	0	679	154	5	0	0	0.00	5.03	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-490942932	CO6791	6.76	7 1-	2ACSR	0	0	674	154	4	0	0	0.00	5.03	0
CO1876042396	CO-490942932	6.78	3 1-	2ACSR	0	0	672	154	4	0	0	0.00	5.03	0
CO-428527835	CO1876042396	6.79	3 1-	2ACSR	0	0	670	154	4	0	0	0.00	5.03	0
CO2108429900	CO-428527835	6.82	3 1-	2ACSR	0	0	666	153	4	0	0	0.00	5.03	0
CO-934948291	CO-490942932	6.80	4 1-	2ACSR	0	0	669	154	0	0	0	0.00	5.03	0
CO6470	CO6785	6.71	4 1-	2ACSR	0	0	684	154	0	0	0	0.00	5.03	0
CO6449	OC-86712539	6.09	2 1-	4ACSR	0	0	801	160	14	1	1	0.00	4.23	0
CO6426	CO6757	6.10	0 1-	4ACSR	0	0	799	160	0	0	0	0.00	3.95	0
CO6376	CO6375	5.81	3 1-	4ACSR	0	0	865	163	22	3	2	0.01	3.61	0
CO6488	CO6376	5.98	3 1-	4ACSR	0	0	825	161	22	3	2	0.02	3.63	0
CO6761	CO6488	6.08	3 1-	4ACSR	0	0	803	160	22	3	2	0.01	3.64	0
CO6762	CO6761	6.17	2 1-	4ACSR	0	0	783	159	13	1	1	0.01	3.65	0
CO6448	CO6762	6.36	1 1-	4ACSR	0	0	744	157	4	0	0	0.00	3.65	0
CO-192406970	CO6762	6.24	1 1-	4ACSR	0	0	769	159	9	1	1	0.00	3.65	0
CO-1412743967	CO-192406970	6.38	1 1-	4ACSR	0	0	740	157	9	1	1	0.00	3.66	0
CO-1839810447	CO-192406970	6.34	0 1-	4ACSR	0	0	749	158	0	0	0	0.00	3.65	0
CO6424	CO6376	5.87	0 1-	4ACSR	0	0	851	162	0	0	0	0.00	3.61	0
CO6368	CO6369	5.29	293 3-	4/0ACSR	1421	1301	1024	169	2183	98	29	0.10	2.10	320
CO6420	CO6368	5.41	1 1-	4ACSR	0	0	987	168	13	1	1	0.00	2.10	0
OC963659116	CO6420	5.41	0 1-	20 N FUSE	0	0	987	168	0	0	0	0.00	2.10	0
CO6367	CO6368	5.42	292 3-	4/0ACSR	1390	1272	1000	168	2169	98	29	0.12	2.22	369
CO6589	CO6367	5.52	4 1-	4ACSR	0	0	973	167	24	3	2	0.01	2.23	0
OC-674030568	CO6589	5.52	2 1-	20 N FUSE	0	0	973	167	20	2	14	0.00	2.23	0
CO6588	OC-674030568	5.58	1 1-	4ACSR	0	0	956	167	9	1	1	0.00	2.24	0
CO102230778	CO6588	5.61	1 1-	2ACSR	0	0	947	167	9	1	1	0.00	2.24	0
CO6418	OC-674030568	5.56	1 1-	4ACSR	0	0	959	167	12	1	1	0.00	2.23	0
CO6486	CO6367	5.47	288 3-	4/0ACSR	1380	1263	992	168	2143	97	29	0.04	2.26	116
CO6487	CO6486	5.67	288 3-	4/0ACSR	1334	1222	957	168	2143	97	29	0.18	2.44	554
CO6587	CO6487	5.72	6 1-	4ACSR	0	0	945	167	41	5	4	0.01	2.45	0
OC-1505960734	CO6587	5.72	5 1-	20 N FUSE	0	0	945	167	32	4	22	0.00	2.45	0
CO6703	OC-1505960734	5.78	5 1-	4ACSR	0	0	929	167	32	4	3	0.01	2.46	0
CO6704	CO6703	5.79	3 1-	4ACSR	0	0	924	166	30	4	3	0.00	2.46	0
CO6493	CO6487	5.71	282 3-	4/0ACSR	1326	1214	951	168	2100	95	28	0.03	2.48	99
CO6494	CO6493	5.77	282 3-	4/0ACSR	1312	1202	941	167	2099	95	28	0.06	2.53	166
CO6429	CO6494	5.79	1 1-	4ACSR	0	0	936	167	9	1	1	0.00	2.53	0
OC1902310336	CO6429	5.79	0 1-	20 N FUSE	0	0	936	167	0	0	0	0.00	2.53	0
CO6379	CO6494	5.81	281 3-	4/0ACSR	1305	1195	935	167	2089	95	28	0.03	2.56	94
CO6484	CO6379	5.84	213 3-	4/0ACSR	1298	1189	930	167	1715	78	23	0.02	2.59	58
CO6483	CO6484	5.91	213 3-	4/0ACSR	1284	1177	920	167	1715	78	23	0.05	2.63	116
CO6485	CO6483	5.97	213 3-	4/0ACSR	1271	1165	910	167	1715	78	23	0.05	2.68	116
CO6586	CO6485	6.06	6 1-	4ACSR	0	0	889	166	44	6	4	0.02	2.70	0
OC-34990268	CO6586	6.06	3 1-	20 N FUSE	0	0	889	166	27	3	18	0.00	2.70	0
CO6763	OC-34990268	6.09	2 1-	4ACSR	0	0	880	166	20	2	2	0.00	2.70	0
CO6764	CO6763	6.13	0 1-	4ACSR	0	0	871	165	0	0	0	0.00	2.70	0
CO6417	OC-34990268	6.10	1 1-	4ACSR	0	0	880	166	7	0	1	0.00	2.70	0
CO6366	CO6485	5.99	207 3-	4/0ACSR	1267	1162	907	167	1670	76	22	0.01	2.70	32
CO6584	CO6366	6.12	1 1-	4ACSR	0	0	877	165	10	1	1	0.00	2.70	0
OC-1839478350	CO6584	6.12	0 1-	20 N FUSE	0	0	877	165	0	0	0	0.00	2.70	0
CO6585	OC-1839478350	6.21	0 1-	4ACSR	0	0	855	165	0	0	0	0.00	2.70	0
CO6365	CO6366	6.22	206 3-	4/0ACSR	1224	1122	874	166	1660	75	22	0.16	2.85	374
CO6747	CO6365	6.25	205 3-	4/0ACSR	1218	1117	870	166	1652	75	22	0.02	2.88	54
CO6699	CO6747	6.30	205 3-	4/0ACSR	1211	1110	864	166	1652	75	22	0.03	2.91	69

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6825	CO6699	6.40	1 1-	4ACSR	0	0	840	165	7	0	1	0.00	2.91	0
OC1058120022	CO6825	6.40	0 1-	20 N FUSE	0	0	840	165	0	0	0	0.00	2.91	0
CO6826	OC1058120022	6.48	0 1-	4ACSR	0	0	825	164	0	0	0	0.00	2.91	0
CO6740	CO6699	6.45	203 3-	4/0ACSR	1184	1086	844	165	1634	74	22	0.10	3.01	242
CO6698	CO6740	6.53	203 3-	4/0ACSR	1170	1073	833	165	1632	74	22	0.06	3.07	135
CO6738	CO6698	6.63	3 1-	4ACSR	0	0	813	164	15	1	1	0.01	3.08	0
OC-1325718740	CO6738	6.63	3 1-	20 N FUSE	0	0	813	164	15	1	10	0.00	3.08	0
CO6739	OC-1325718740	6.67	3 1-	4ACSR	0	0	804	164	15	1	1	0.00	3.08	0
CO6582	CO6739	6.71	2 1-	4ACSR	0	0	796	163	14	1	1	0.00	3.08	0
CO6583	CO6582	6.77	0 1-	4ACSR	0	0	785	163	0	0	0	0.00	3.08	0
CO6697	CO6698	6.61	197 3-	4/0ACSR	1156	1060	823	165	1590	72	21	0.05	3.12	125
FD457656573	CO6697	6.61	195 3-	_DefaultBayEqui	1156	1060	823	165	1580	72	0	0.00	3.12	0
CO6727	FD457656573	6.65	195 3-	4/0ACSR	1151	1056	819	165	1580	72	21	0.02	3.14	46
OC457656573	CO6727	6.65	184 3-	20 N FUSE	1151	1056	819	165	1521	69	348	0.00	3.14	0
CO6361	OC457656573	6.70	184 3-	4/0ACSR	1142	1047	812	165	1521	69	20	0.04	3.18	79
CO6578	CO6361	6.77	5 1-	4ACSR	0	0	799	164	45	6	4	0.02	3.20	0
OC302619809	CO6578	6.77	3 1-	20 N FUSE	0	0	799	164	32	4	22	0.00	3.20	0
CO6723	OC302619809	6.86	3 1-	4ACSR	0	0	782	163	32	4	3	0.01	3.21	0
CO6724	CO6723	6.93	2 1-	4ACSR	0	0	768	162	20	2	2	0.00	3.21	0
CO6360	CO6361	6.83	179 3-	4/0ACSR	1121	1029	797	164	1476	67	20	0.08	3.26	168
CO6359	CO6360	6.97	173 3-	4/0ACSR	1100	1010	781	164	1444	66	19	0.09	3.35	178
CO6480	CO6359	7.01	137 3-	4/0ACSR	1094	1004	777	164	1143	52	15	0.02	3.36	30
CO6718	CO6480	7.03	137 3-	4/0ACSR	1092	1002	775	164	1143	52	15	0.01	3.37	12
CO6720	CO6718	7.08	137 3-	4/0ACSR	1084	995	770	164	1142	52	15	0.03	3.40	42
CO6719	CO6720	7.12	136 3-	4/0ACSR	1078	990	765	163	1137	52	15	0.02	3.42	34
CO6358	CO6719	7.28	123 3-	4/0ACSR	1057	970	749	163	1081	49	15	0.07	3.49	104
CO6846	CO6358	7.28	32 1-	4ACSR	0	0	748	163	202	27	20	0.01	3.49	3
OC188	CO6846	7.28	32 1-	50 H OCR	0	0	748	163	202	27	55	0.00	3.49	0
CO6847	OC188	7.42	32 1-	4ACSR	0	0	725	162	202	27	20	0.16	3.66	54
CO6689	CO6847	7.47	30 1-	4ACSR	0	0	717	161	190	26	19	0.06	3.71	17
CO6690	CO6689	7.53	28 1-	4ACSR	0	0	708	160	174	23	17	0.06	3.77	17
CO6714	CO6690	7.56	27 1-	4ACSR	0	0	702	160	164	22	16	0.03	3.81	9
CO6691	CO6714	7.60	24 1-	4ACSR	0	0	696	160	141	19	14	0.03	3.84	7
CO8355	CO6691	7.75	23 1-	4ACSR	0	0	673	158	128	17	13	0.12	3.95	25
CO8352	CO8355	7.84	1 1-	4ACSR	0	0	660	157	2	0	0	0.00	3.96	0
CO7447	CO8355	7.77	22 1-	4ACSR	0	0	671	158	126	17	12	0.01	3.97	3
CO7498	CO7447	7.84	1 1-	4ACSR	0	0	660	157	4	0	0	0.00	3.97	0
CO7448	CO7447	7.81	20 1-	4ACSR	0	0	665	158	121	16	12	0.03	4.00	6
CO7710	CO7448	7.85	3 1-	4ACSR	0	0	659	157	13	1	1	0.00	4.00	0
CO7711	CO7710	7.89	2 1-	4ACSR	0	0	653	157	4	0	0	0.00	4.00	0
CO7552	CO7448	7.84	17 1-	4ACSR	0	0	660	157	108	14	11	0.02	4.02	4
CO7553	CO7552	7.91	17 1-	4ACSR	0	0	650	157	108	14	11	0.04	4.07	8
CO7554	CO7553	8.00	17 1-	4ACSR	0	0	638	156	108	14	11	0.06	4.12	10
CO7499	CO7554	8.04	0 1-	4ACSR	0	0	632	156	0	0	0	0.00	4.12	0
CO7449	CO7554	8.08	17 1-	4ACSR	0	0	628	155	108	14	11	0.05	4.18	10
OC-1368271817	CO7449	8.08	17 1-	20 N FUSE	0	0	628	155	108	14	75	0.00	4.18	0
CO7605	OC-1368271817	8.18	1 1-	4ACSR	0	0	614	154	6	0	1	0.00	4.18	0
CO7606	CO7605	8.23	1 1-	4ACSR	0	0	607	154	6	0	1	0.00	4.18	0
CO7450	OC-1368271817	8.11	16 1-	4ACSR	0	0	623	155	102	14	10	0.02	4.20	4
CO7500	CO7450	8.23	1 1-	4ACSR	0	0	608	154	19	2	2	0.01	4.21	0
CO7451	CO7450	8.33	15 1-	4ACSR	0	0	595	153	83	11	8	0.11	4.31	15
CO7453	CO7451	8.47	12 1-	4ACSR	0	0	578	152	71	9	7	0.06	4.37	7

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7558	CO7453	8.52	9 1-	4ACSR	0	0	573	151	54	7	5	0.02	4.39	0
OC-1676478082	CO7558	8.52	9 1-	20 N FUSE	0	0	573	151	54	7	38	0.00	4.39	0
CO7708	OC-1676478082	8.62	9 1-	4ACSR	0	0	561	150	54	7	5	0.03	4.42	2
CO7709	CO7708	8.68	7 1-	4ACSR	0	0	555	150	36	5	4	0.01	4.43	0
CO7612	CO7709	8.72	4 1-	4ACSR	0	0	551	150	22	3	2	0.00	4.43	0
CO7613	CO7612	8.77	3 1-	4ACSR	0	0	545	149	19	2	2	0.00	4.44	0
CO7614	CO7613	8.87	1 1-	4ACSR	0	0	535	148	10	1	1	0.01	4.44	0
CO6407	CO7614	8.88	1 1-	4ACSR	0	0	535	148	10	1	1	0.00	4.44	0
CO6629	CO6407	8.90	0 1-	4ACSR	0	0	533	148	0	0	0	0.00	4.44	0
CO6628	CO6629	8.93	0 1-	4ACSR	0	0	529	148	0	0	0	0.00	4.44	0
CO7607	CO7709	8.71	2 1-	4ACSR	0	0	552	150	12	1	1	0.00	4.43	0
CO7608	CO7607	8.75	2 1-	4ACSR	0	0	547	149	12	1	1	0.00	4.43	0
CO7609	CO7608	8.78	1 1-	4ACSR	0	0	544	149	3	0	0	0.00	4.43	0
CO7610	CO7609	8.81	1 1-	4ACSR	0	0	541	149	3	0	0	0.00	4.43	0
CO7611	CO7610	8.85	1 1-	4ACSR	0	0	537	148	3	0	0	0.00	4.43	0
CO7503	CO7453	8.51	2 1-	4ACSR	0	0	574	151	9	1	1	0.00	4.37	0
CO7502	CO7453	8.55	1 1-	4ACSR	0	0	570	151	8	1	1	0.00	4.37	0
CO7452	CO7451	8.46	3 1-	4ACSR	0	0	579	152	12	1	1	0.01	4.32	0
CO7555	CO7452	8.63	3 1-	4ACSR	0	0	560	150	12	1	1	0.01	4.33	0
CO7556	CO7555	8.83	1 1-	4ACSR	0	0	539	149	0	0	0	0.00	4.33	0
CO7557	CO7556	9.06	1 1-	4ACSR	0	0	516	147	0	0	0	0.00	4.33	0
CO7501	CO7452	8.59	0 1-	4ACSR	0	0	565	151	0	0	0	0.00	4.32	0
CO6630	CO6714	7.62	2 1-	4ACSR	0	0	694	160	15	2	1	0.01	3.81	0
CO6446	CO6630	7.65	1 1-	4ACSR	0	0	689	159	14	1	1	0.00	3.81	0
CO6631	CO6630	7.64	1 1-	4ACSR	0	0	691	159	0	0	0	0.00	3.81	0
CO6357	CO6358	7.41	87 3-	4/0ACSR	1039	954	736	163	849	38	11	0.05	3.53	57
CO6356	CO6357	7.45	80 3-	4/0ACSR	1034	949	732	162	787	36	11	0.01	3.55	14
CO6479	CO6356	7.60	3 3-	2ACSR	1005	925	712	161	187	8	5	0.03	3.58	10
OC587102266	CO6479	7.60	3 3-	20 N FUSE	1005	925	712	161	187	8	43	0.00	3.58	0
CO6748	OC587102266	7.61	3 3-	2ACSR	1002	922	710	161	187	8	5	0.00	3.58	0
CO6749	CO6748	7.69	2 3-	2ACSR	989	911	700	161	14	0	0	0.00	3.58	0
CO6839	CO6749	7.77	1 3-	1/0PRIURD	984	907	692	340	11	0	0	0.00	3.58	0
CO30654	CO6749	7.84	1 1-	4ACSR	0	0	676	159	3	0	0	0.00	3.59	0
OC1306854553	CO30654	7.84	1 1-	20 N FUSE	0	0	676	159	3	0	2	0.00	3.59	0
CO7619	OC1306854553	7.89	1 1-	4ACSR	0	0	670	159	3	0	0	0.00	3.59	0
CO7620	CO7619	7.95	1 1-	4ACSR	0	0	662	158	3	0	0	0.00	3.59	0
330102135	CO6748	7.61	1 3-	Consumer	1002	922	710	161	172	7	0	0.00	3.58	0
CO6688	CO6356	7.48	77 3-	4/0ACSR	1029	945	729	162	600	27	8	0.01	3.56	8
CO12952	CO6688	7.71	77 3-	4/0ACSR	1000	919	707	162	600	27	8	0.06	3.61	49
CO12989	CO12952	7.85	2 1-	4ACSR	0	0	686	160	44	6	4	0.02	3.63	0
OC1009927014	CO12989	7.85	0 1-	20 N FUSE	0	0	686	160	0	0	0	0.00	3.63	0
CO12951	CO12952	7.73	73 3-	4/0ACSR	998	917	706	162	546	25	7	0.00	3.62	3
CO13102	CO12951	7.79	3 1-	4ACSR	0	0	696	161	14	1	1	0.00	3.62	0
OC1962896989	CO13102	7.79	1 1-	20 N FUSE	0	0	696	161	11	1	8	0.00	3.62	0
CO13101	OC1962896989	7.87	1 1-	4ACSR	0	0	684	160	11	1	1	0.00	3.62	0
CO13002	CO12951	7.76	70 3-	4/0ACSR	994	914	703	162	532	24	7	0.01	3.62	5
CO13001	CO13002	7.83	70 3-	4/0ACSR	986	906	697	161	531	24	7	0.01	3.64	11
CO13034	CO13001	7.86	5 1-	4ACSR	0	0	692	161	45	6	4	0.01	3.64	0
OC-2036069136	CO13034	7.86	4 1-	20 N FUSE	0	0	692	161	28	3	19	0.00	3.64	0
CO13035	OC-2036069136	7.88	4 1-	4ACSR	0	0	689	161	28	3	3	0.00	3.65	0
CO13036	CO13035	7.96	1 1-	4ACSR	0	0	678	160	6	0	1	0.00	3.65	0
CO13033	CO13001	7.87	64 3-	4/0ACSR	981	901	693	161	477	21	6	0.01	3.65	7

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13032	CO13033	7.98	64 3-	4/0ACSR	969	890	684	161	477	21	6	0.02	3.67	14
CO12988	CO13032	8.14	2 1-	4ACSR	0	0	661	159	3	0	0	0.00	3.67	0
OC-1454285742	CO12988	8.14	0 1-	20 N FUSE	0	0	661	159	0	0	0	0.00	3.67	0
CO12987	CO13032	8.15	2 1-	4ACSR	0	0	660	159	14	1	1	0.01	3.67	0
OC1638385423	CO12987	8.15	0 1-	20 N FUSE	0	0	660	159	0	0	0	0.00	3.67	0
CO12950	CO13032	8.11	59 3-	4/0ACSR	953	876	673	160	446	20	6	0.02	3.69	16
CO12953	CO12950	8.21	42 3-	2ACSR	936	862	661	160	340	15	9	0.04	3.73	23
CO13000	CO12953	8.26	41 1-	2ACSR	0	0	655	159	288	39	22	0.06	3.79	28
OC925964915	CO13000	8.26	41 1-	70 L OCR	0	0	655	159	288	39	57	0.00	3.79	0
CO17218	OC925964915	8.30	41 1-	2ACSR	0	0	651	159	288	39	22	0.05	3.84	22
CO2089196102	CO17218	8.35	1 1-	2ACSR	0	0	646	159	12	1	1	0.00	3.84	0
CO14893	CO17218	8.35	39 1-	2ACSR	0	0	645	159	275	37	21	0.06	3.90	26
CO14892	CO14893	8.45	39 1-	2ACSR	0	0	635	158	275	37	21	0.11	4.01	47
CO14891	CO14892	8.52	37 1-	2ACSR	0	0	628	158	267	36	20	0.08	4.09	35
CO14810	CO14891	8.60	19 1-	2ACSR	0	0	619	157	132	18	10	0.04	4.13	9
CO14988	CO14810	8.69	6 1-	2ACSR	0	0	610	157	36	4	3	0.01	4.14	0
CO14992	CO14988	8.73	3 1-	4ACSR	0	0	605	156	29	4	3	0.01	4.15	0
CO14991	CO14992	8.77	2 1-	4ACSR	0	0	601	156	25	3	2	0.00	4.16	0
CO1349416517	CO14991	8.91	1 1-	2ACSR	0	0	587	155	14	1	1	0.00	4.16	0
CO14987	CO14988	8.77	3 1-	2ACSR	0	0	602	156	7	0	0	0.00	4.15	0
CO966706038	CO14987	8.84	2 1-	2ACSR	0	0	596	156	0	0	0	0.00	4.15	0
CO-1206633433	CO966706038	8.90	2 1-	2ACSR	0	0	590	155	0	0	0	0.00	4.15	0
CO252571525	CO-1206633433	8.94	0 1-	2ACSR	0	0	586	155	0	0	0	0.00	4.15	0
CO-500618845	CO-1206633433	8.95	2 1-	2ACSR	0	0	586	155	0	0	0	0.00	4.15	0
CO-1949677770	CO-500618845	8.98	0 1-	2ACSR	0	0	582	155	0	0	0	0.00	4.15	0
CO-1802027497	CO-1949677770	9.04	0 1-	2ACSR	0	0	577	154	0	0	0	0.00	4.15	0
CO1073353669	CO-1802027497	9.10	0 1-	2ACSR	0	0	572	154	0	0	0	0.00	4.15	0
CO-6134816	CO-500618845	8.97	2 1-	2ACSR	0	0	583	155	0	0	0	0.00	4.15	0
CO476106124	CO-6134816	9.02	1 1-	2ACSR	0	0	579	154	0	0	0	0.00	4.15	0
CO14888	CO476106124	9.09	1 1-	2ACSR	0	0	573	154	0	0	0	0.00	4.15	0
CO1741316382	CO14888	9.13	1 1-	2ACSR	0	0	569	154	0	0	0	0.00	4.15	0
CO1509952656	CO14888	9.13	0 1-	2ACSR	0	0	569	154	0	0	0	0.00	4.15	0
CO14986	CO14987	8.84	1 1-	2ACSR	0	0	596	156	6	0	0	0.00	4.15	0
CO14985	CO14986	8.91	1 1-	2ACSR	0	0	589	155	6	0	0	0.00	4.15	0
CO14984	CO14810	8.71	11 1-	2ACSR	0	0	608	156	81	11	6	0.03	4.16	4
CO14983	CO14984	8.76	8 1-	2ACSR	0	0	603	156	59	8	5	0.01	4.17	0
CO14982	CO14983	8.85	4 1-	2ACSR	0	0	595	156	42	5	3	0.01	4.18	0
CO14981	CO14982	8.90	2 1-	2ACSR	0	0	590	155	17	2	1	0.00	4.19	0
CO14809	CO14891	8.57	18 1-	2ACSR	0	0	622	157	134	18	10	0.03	4.12	6
CO14980	CO14809	8.62	9 1-	2ACSR	0	0	617	157	56	7	4	0.01	4.12	0
CO14979	CO14980	8.74	7 1-	2ACSR	0	0	606	156	39	5	3	0.02	4.14	0
CO15093	CO14979	8.81	6 1-	2ACSR	0	0	598	156	39	5	3	0.01	4.15	0
CO15094	CO15093	8.86	3 1-	2ACSR	0	0	593	155	27	3	2	0.00	4.16	0
CO15119	CO15094	8.93	2 1-	2ACSR	0	0	587	155	18	2	1	0.00	4.16	0
CO14995	CO15119	8.97	2 1-	2ACSR	0	0	584	155	18	2	1	0.00	4.17	0
CO14978	CO14809	8.63	7 1-	2ACSR	0	0	616	157	67	9	5	0.01	4.13	0
CO14977	CO14978	8.70	6 1-	2ACSR	0	0	609	157	60	8	5	0.02	4.15	0
CO14976	CO14977	8.87	3 1-	2ACSR	0	0	593	155	40	5	3	0.02	4.17	0
CO14975	CO14976	8.91	1 1-	2ACSR	0	0	589	155	16	2	1	0.00	4.17	0
CO12990	CO12953	8.27	1 3-	2ACSR	927	854	655	159	52	2	1	0.00	3.73	0
CO12949	CO12950	8.27	17 3-	4/0ACSR	936	860	660	160	106	4	1	0.01	3.70	0
CO13100	CO12949	8.33	9 1-	4ACSR	0	0	652	159	55	7	5	0.02	3.72	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1768527664	CO13100	8.33	8 1-	20 N FUSE	0	0	652	159	55	7	38	0.00	3.72	0
CO17220	OC-1768527664	8.39	8 1-	4ACSR	0	0	644	159	55	7	5	0.02	3.74	0
CO14966	CO17220	8.42	6 1-	4ACSR	0	0	640	159	44	6	4	0.01	3.75	0
CO15002	CO14966	8.49	2 1-	2ACSR	0	0	633	158	6	0	0	0.00	3.75	0
CO15001	CO14966	8.48	2 1-	2ACSR	0	0	634	158	22	3	2	0.00	3.75	0
CO14965	CO14966	8.48	1 1-	4ACSR	0	0	632	158	12	1	1	0.00	3.75	0
CO14855	CO14966	8.45	1 1-	2ACSR	0	0	637	158	4	0	0	0.00	3.75	0
CO12986	CO12949	8.35	1 1-	4ACSR	0	0	650	159	1	0	0	0.00	3.70	0
OC-2045231124	CO12986	8.35	0 1-	20 N FUSE	0	0	650	159	0	0	0	0.00	3.70	0
CO12947	CO12949	8.42	7 3-	4/0ACSR	920	846	648	160	50	2	1	0.00	3.70	0
CO17219	CO12947	8.47	1 1-	4ACSR	0	0	642	159	2	0	0	0.00	3.70	0
OC2064558829	CO17219	8.47	0 1-	20 N FUSE	0	0	642	159	0	0	0	0.00	3.70	0
CO12948	CO12947	8.52	6 3-	4/0ACSR	910	837	641	159	48	2	1	0.00	3.70	0
CO17217	CO12948	8.57	1 1-	4ACSR	0	0	634	159	14	1	1	0.00	3.71	0
OC488065821	CO17217	8.57	0 1-	20 N FUSE	0	0	634	159	0	0	0	0.00	3.71	0
CO17216	CO12948	8.58	5 3-	1/0ACSR	901	829	635	159	33	1	1	0.00	3.71	0
CO1439089210	CO17216	8.62	0 3-	2ACSR	896	825	631	159	0	0	0	0.00	3.71	0
CO15092	CO17216	8.67	5 1-	4ACSR	0	0	624	158	33	4	3	0.02	3.72	0
OC-946547093	CO15092	8.67	4 1-	20 N FUSE	0	0	624	158	27	3	18	0.00	3.72	0
CO15095	OC-946547093	8.72	4 1-	4ACSR	0	0	619	158	27	3	3	0.01	3.73	0
CO14964	CO15095	8.77	3 1-	4ACSR	0	0	612	157	13	1	1	0.00	3.73	0
CO6561	CO6357	7.47	6 1-	4ACSR	0	0	726	162	47	6	5	0.02	3.55	0
OC518195889	CO6561	7.47	6 1-	20 N FUSE	0	0	726	162	47	6	32	0.00	3.55	0
CO6560	OC518195889	7.53	6 1-	4ACSR	0	0	717	161	47	6	5	0.01	3.57	0
CO6700	CO6560	7.56	5 1-	4ACSR	0	0	712	161	37	5	4	0.01	3.57	0
CO6701	CO6700	7.58	4 1-	4ACSR	0	0	708	161	30	4	3	0.00	3.58	0
CO6702	CO6701	7.62	3 1-	4ACSR	0	0	702	160	19	2	2	0.00	3.58	0
CO6840	CO6702	7.69	1 1-	1/0PRIURD	0	0	694	339	6	0	1	0.00	3.58	0
CO6563	CO6719	7.23	4 1-	4ACSR	0	0	747	162	5	0	0	0.00	3.42	0
OC1721381819	CO6563	7.23	1 1-	20 N FUSE	0	0	747	162	0	0	0	0.00	3.42	0
CO6562	OC1721381819	7.30	1 1-	4ACSR	0	0	734	162	0	0	0	0.00	3.42	0
CO6715	CO6719	7.18	7 1-	4ACSR	0	0	756	163	31	4	3	0.01	3.43	0
OC2007396425	CO6715	7.18	5 1-	20 N FUSE	0	0	756	163	17	2	11	0.00	3.43	0
CO6717	OC2007396425	7.22	5 1-	4ACSR	0	0	748	162	17	2	2	0.00	3.43	0
CO6716	CO6717	7.29	3 1-	4ACSR	0	0	737	162	4	0	0	0.00	3.43	0
CO6564	CO6716	7.34	2 1-	4ACSR	0	0	727	161	3	0	0	0.00	3.43	0
CO6692	CO6359	7.04	36 1-	4ACSR	0	0	768	163	300	41	29	0.12	3.47	61
CO6693	CO6692	7.09	35 1-	4ACSR	0	0	760	163	282	38	28	0.07	3.54	33
OC1211387813	CO6693	7.09	34 1-	20 N FUSE	0	0	760	163	269	36	185	0.00	3.54	0
CO6362	OC1211387813	7.18	33 1-	4ACSR	0	0	744	162	257	35	25	0.15	3.69	61
CO6721	CO6362	7.26	32 1-	4ACSR	0	0	731	161	246	33	24	0.11	3.80	45
CO6722	CO6721	7.35	31 1-	4ACSR	0	0	715	160	240	33	24	0.14	3.94	54
CO6568	CO6722	7.41	29 1-	4ACSR	0	0	706	160	220	30	22	0.07	4.01	27
CO6569	CO6568	7.43	0 1-	4ACSR	0	0	702	159	0	0	0	0.00	4.01	0
CO6411	CO6568	7.47	27 1-	4ACSR	0	0	696	159	211	29	21	0.08	4.09	27
CO6695	CO6411	7.54	25 1-	4ACSR	0	0	684	158	190	26	19	0.08	4.18	26
CO6728	CO6695	7.63	23 1-	4ACSR	0	0	671	157	182	25	18	0.10	4.27	29
CO6573	CO6728	7.73	4 1-	4ACSR	0	0	657	157	31	4	3	0.02	4.29	0
CO6575	CO6573	7.78	2 1-	4ACSR	0	0	649	156	22	3	2	0.01	4.29	0
CO6574	CO6575	7.83	1 1-	4ACSR	0	0	642	156	9	1	1	0.00	4.29	0
CO6572	CO6728	7.65	2 1-	4ACSR	0	0	668	157	31	4	3	0.00	4.28	0
CO6729	CO6572	7.70	2 1-	4ACSR	0	0	661	157	31	4	3	0.00	4.28	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6730	CO6729	7.75	0 1-	4ACSR	0	0	654	156	0	0	0	0.00	4.28	0
CO6363	CO6728	7.72	14 1-	4ACSR	0	0	658	157	95	13	9	0.05	4.32	8
CO6364	CO6363	7.76	13 1-	4ACSR	0	0	651	156	86	11	9	0.02	4.34	3
CO6732	CO6364	7.86	6 1-	4ACSR	0	0	638	155	27	3	3	0.01	4.36	0
CO6733	CO6732	7.93	5 1-	4ACSR	0	0	628	155	18	2	2	0.01	4.37	0
CO8347	CO6733	8.00	5 1-	4ACSR	0	0	619	154	18	2	2	0.01	4.37	0
CO7559	CO8347	8.09	5 1-	4ACSR	0	0	608	153	18	2	2	0.01	4.38	0
CO7560	CO7559	8.29	4 1-	4ACSR	0	0	583	151	15	2	1	0.02	4.40	0
CO7508	CO7560	8.40	1 1-	4ACSR	0	0	570	150	10	1	1	0.00	4.40	0
CO7507	CO7560	8.51	0 1-	4ACSR	0	0	557	150	0	0	0	0.00	4.40	0
CO46856859	CO7559	8.19	1 1-	2ACSR	0	0	598	153	4	0	0	0.00	4.38	0
CO6731	CO6364	7.86	5 1-	4ACSR	0	0	638	155	42	5	4	0.02	4.36	0
CO6696	CO6731	7.87	4 1-	4ACSR	0	0	637	155	31	4	3	0.00	4.37	0
CO6570	CO6696	7.97	0 1-	4ACSR	0	0	623	154	0	0	0	0.00	4.37	0
SW1957362924-B	CO6570	7.97	0 1-	Closed	0	0	623	154	0	0	0	0.00	4.37	0
SW1957362924-A	SW1957362924-B	7.97	0 1-	Closed	0	0	623	154	0	0	0	0.00	4.37	0
CO6571	SW1957362924-A	8.12	0 1-	4ACSR	0	0	603	153	0	0	0	0.00	4.37	0
CO6409	CO6696	7.92	2 1-	4ACSR	0	0	630	155	15	2	1	0.00	4.37	0
CO6410	CO6363	7.81	1 1-	4ACSR	0	0	645	156	9	1	1	0.00	4.32	0
CO6673	CO6728	7.68	2 1-	2ACSR	0	0	665	157	19	2	1	0.00	4.28	0
CO6674	CO6673	7.71	2 1-	2ACSR	0	0	661	157	19	2	1	0.00	4.28	0
CO6694	CO6411	7.64	1 1-	4ACSR	0	0	669	157	12	1	1	0.01	4.10	0
CO6567	CO6722	7.42	1 1-	4ACSR	0	0	704	159	10	1	1	0.00	3.94	0
CO6408	CO6362	7.21	0 1-	4ACSR	0	0	739	161	0	0	0	0.00	3.69	0
CO6565	OC1211387813	7.16	1 1-	4ACSR	0	0	747	162	12	1	1	0.00	3.55	0
CO6566	CO6565	7.21	0 1-	4ACSR	0	0	739	161	0	0	0	0.00	3.55	0
CO6482	CO6360	6.94	5 1-	4ACSR	0	0	777	163	31	4	3	0.02	3.28	0
CO6481	CO6482	6.95	5 1-	4ACSR	0	0	775	163	31	4	3	0.00	3.28	0
CO6576	CO6481	7.04	1 1-	4ACSR	0	0	758	162	15	2	1	0.01	3.29	0
CO6577	CO6576	7.06	1 1-	4ACSR	0	0	754	162	15	2	1	0.00	3.29	0
CO6412	CO6481	7.00	1 1-	4ACSR	0	0	766	163	10	1	1	0.00	3.28	0
CO6581	CO6727	6.72	3 1-	4ACSR	0	0	804	164	18	2	2	0.01	3.15	0
OC1583645423	CO6581	6.72	2 1-	20 N FUSE	0	0	804	164	13	1	9	0.00	3.15	0
CO6725	OC1583645423	6.76	2 1-	4ACSR	0	0	796	164	13	1	1	0.00	3.16	0
CO6726	CO6725	6.82	2 1-	4ACSR	0	0	785	163	13	1	1	0.00	3.16	0
CO6580	CO6726	6.83	1 1-	4ACSR	0	0	782	163	2	0	0	0.00	3.16	0
CO6736	CO6727	6.71	7 1-	4ACSR	0	0	806	164	39	5	4	0.01	3.16	0
OC660729554	CO6736	6.71	5 1-	20 N FUSE	0	0	806	164	35	4	24	0.00	3.16	0
CO6737	OC660729554	6.76	5 1-	4ACSR	0	0	796	164	35	4	3	0.01	3.17	0
CO6734	CO6737	6.80	5 1-	4ACSR	0	0	788	163	35	4	3	0.01	3.18	0
CO6735	CO6734	6.83	3 1-	4ACSR	0	0	782	163	17	2	2	0.00	3.18	0
CO6579	CO6735	6.90	1 1-	4ACSR	0	0	769	162	9	1	1	0.00	3.18	0
CO6413	CO6735	6.88	2 1-	4ACSR	0	0	773	162	8	1	1	0.00	3.18	0
CO6414	CO6698	6.66	1 1-	4ACSR	0	0	808	164	12	1	1	0.00	3.07	0
OC-984586152	CO6414	6.66	0 1-	20 N FUSE	0	0	808	164	0	0	0	0.00	3.07	0
CO6415	CO6365	6.27	1 1-	4ACSR	0	0	864	166	7	0	1	0.00	2.86	0
CO6416	CO6379	5.90	2 1-	4ACSR	0	0	911	166	21	2	2	0.01	2.57	0
OC-1987110480	CO6416	5.90	0 1-	20 N FUSE	0	0	911	166	0	0	0	0.00	2.57	0
CO6377	CO6379	5.85	66 1-	2ACSR	0	0	925	167	352	48	27	0.07	2.63	39
CO6430	CO6377	5.89	2 1-	2ACSR	0	0	917	167	4	0	0	0.00	2.63	0
CO6378	CO6377	5.91	64 1-	2ACSR	0	0	912	167	348	47	26	0.08	2.72	47
CO6469	CO6378	5.94	1 1-	2ACSR	0	0	906	166	3	0	0	0.00	2.72	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6400	CO6378	5.97	63 1-	2ACSR	0	0	901	166	345	47	26	0.08	2.80	43
CO6844	CO6400	5.98	62 1-	2ACSR	0	0	899	166	338	46	26	0.01	2.80	5
OC187	CO6844	5.98	62 1-	70 L OCR	0	0	899	166	338	46	66	0.00	2.80	0
CO6845	OC187	6.05	62 1-	2ACSR	0	0	885	166	338	46	26	0.10	2.90	53
CO6776	CO6845	6.08	61 1-	2ACSR	0	0	878	165	338	46	26	0.05	2.95	26
CO6777	CO6776	6.16	60 1-	2ACSR	0	0	863	165	338	46	26	0.11	3.06	58
CO6432	CO6777	6.20	1 1-	2ACSR	0	0	855	165	7	0	0	0.00	3.06	0
CO6380	CO6777	6.23	58 1-	2ACSR	0	0	850	164	321	43	24	0.09	3.15	46
CO6495	CO6380	6.25	56 1-	2ACSR	0	0	844	164	312	42	24	0.04	3.19	19
CO6855	CO6495	6.26	2 1-	2ACSR	0	0	842	164	16	2	1	0.00	3.19	0
CO6856	CO6855	6.28	2 1-	2ACSR	0	0	840	164	16	2	1	0.00	3.19	0
CO6709	CO6856	6.33	1 1-	2ACSR	0	0	830	164	9	1	1	0.00	3.19	0
CO6496	CO6495	6.28	54 1-	2ACSR	0	0	840	164	296	40	23	0.03	3.21	13
CO6551	CO6496	6.35	53 1-	2ACSR	0	0	828	163	296	40	23	0.08	3.30	39
CO6552	CO6551	6.53	51 1-	2ACSR	0	0	794	162	292	40	22	0.22	3.52	102
CO6553	CO6552	6.59	26 1-	2ACSR	0	0	786	162	130	17	10	0.03	3.55	6
CO6554	CO6553	6.63	25 1-	2ACSR	0	0	778	162	129	17	10	0.02	3.57	5
CO6774	CO6554	6.68	21 1-	2ACSR	0	0	770	161	92	12	7	0.02	3.59	3
CO6775	CO6774	6.76	21 1-	2ACSR	0	0	758	161	92	12	7	0.03	3.62	4
OC994449990	CO6775	6.76	20 1-	20 N FUSE	0	0	758	161	81	11	56	0.00	3.62	0
CO6857	OC994449990	6.88	9 1-	2ACSR	0	0	740	160	36	4	3	0.02	3.64	0
CO6858	CO6857	6.90	9 1-	2ACSR	0	0	737	160	36	4	3	0.00	3.64	0
CO6559	CO6858	6.95	6 1-	2ACSR	0	0	729	159	23	3	2	0.00	3.65	0
CO6558	CO6559	7.10	6 1-	2ACSR	0	0	708	158	23	3	2	0.01	3.66	0
CO6612	CO6558	7.15	4 1-	2ACSR	0	0	702	158	15	2	1	0.00	3.66	0
CO6610	CO6612	7.19	2 1-	2ACSR	0	0	697	158	9	1	1	0.00	3.66	0
CO6611	CO6610	7.24	1 1-	2ACSR	0	0	690	158	8	1	1	0.00	3.67	0
CO6383	CO6558	7.16	2 1-	4ACSR	0	0	699	158	8	1	1	0.00	3.66	0
CO6609	CO6383	7.24	2 1-	2ACSR	0	0	689	157	8	1	1	0.00	3.67	0
CO6438	CO6609	7.25	1 1-	4ACSR	0	0	687	157	7	0	1	0.00	3.67	0
CO6608	CO6609	7.26	1 1-	2ACSR	0	0	685	157	1	0	0	0.00	3.67	0
CO6555	CO6858	7.08	2 1-	2ACSR	0	0	711	159	13	1	1	0.01	3.65	0
CO6557	CO6555	7.14	2 1-	2ACSR	0	0	703	158	13	1	1	0.00	3.65	0
CO6556	CO6557	7.32	0 1-	2ACSR	0	0	679	157	0	0	0	0.00	3.65	0
CO6851	CO6556	7.56	0 1-	4ACSR	0	0	644	155	0	0	0	0.00	3.65	0
CO6852	CO6851	7.56	0 1-	4ACSR	0	0	643	155	0	0	0	0.00	3.65	0
CO6437	OC994449990	6.81	1 1-	2ACSR	0	0	750	160	2	0	0	0.00	3.62	0
CO6405	OC994449990	6.79	10 1-	2ACSR	0	0	753	160	43	5	3	0.01	3.63	0
CO6859	CO6405	6.93	2 1-	2ACSR	0	0	733	160	12	1	1	0.01	3.63	0
CO6860	CO6859	7.00	2 1-	2ACSR	0	0	722	159	12	1	1	0.00	3.64	0
CO6607	CO6860	7.05	1 1-	2ACSR	0	0	715	159	12	1	1	0.00	3.64	0
CO6768	CO6405	6.86	5 1-	2ACSR	0	0	742	160	26	3	2	0.01	3.63	0
CO6769	CO6768	6.94	4 1-	2ACSR	0	0	731	159	21	2	2	0.00	3.64	0
CO6678	CO6769	7.08	1 1-	2ACSR	0	0	711	159	9	1	1	0.00	3.64	0
CO6637	CO6554	6.70	2 1-	2ACSR	0	0	768	161	24	3	2	0.01	3.58	0
CO6638	CO6637	6.74	1 1-	2ACSR	0	0	761	161	12	1	1	0.00	3.58	0
CO6434	CO6552	6.61	1 1-	2ACSR	0	0	782	162	0	0	0	0.00	3.52	0
CO-941611886	CO6552	6.63	23 1-	2ACSR	0	0	779	162	144	19	11	0.06	3.58	13
CO1658766723	CO-941611886	6.68	1 1-	2ACSR	0	0	770	161	10	1	1	0.00	3.58	0
CO-912023170	CO-941611886	6.69	22 1-	2ACSR	0	0	770	161	134	18	10	0.03	3.61	7
CO6682	CO-912023170	6.75	22 1-	2ACSR	0	0	760	161	134	18	10	0.03	3.64	7
CO6478	CO6682	6.81	1 1-	2ACSR	0	0	751	160	0	0	0	0.00	3.64	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6477	CO6682	6.80	20 1-	2ACSR	0	0	752	160	129	17	10	0.03	3.67	6
CO6599	CO6477	6.88	2 1-	2ACSR	0	0	741	160	16	2	1	0.00	3.67	0
CO6597	CO6599	6.94	1 1-	2ACSR	0	0	731	159	5	0	0	0.00	3.67	0
CO6598	CO6597	7.01	1 1-	2ACSR	0	0	721	159	5	0	0	0.00	3.68	0
CO6381	CO6477	6.86	17 1-	2ACSR	0	0	743	160	106	14	8	0.03	3.69	4
CO6602	CO6381	6.89	2 1-	2ACSR	0	0	738	160	21	2	2	0.00	3.70	0
CO6600	CO6602	6.93	1 1-	2ACSR	0	0	732	160	11	1	1	0.00	3.70	0
CO6601	CO6600	6.99	1 1-	2ACSR	0	0	724	159	11	1	1	0.00	3.70	0
CO6498	CO6381	6.91	15 1-	2ACSR	0	0	735	160	85	11	6	0.02	3.72	3
CO6834	CO6498	6.94	15 1-	2ACSR	0	0	731	159	85	11	6	0.01	3.73	0
CO6835	CO6834	6.97	15 1-	2ACSR	0	0	727	159	85	11	6	0.01	3.73	0
CO6772	CO6835	7.03	13 1-	2ACSR	0	0	718	159	82	11	6	0.02	3.76	3
CO6773	CO6772	7.08	12 1-	2ACSR	0	0	711	159	82	11	6	0.02	3.77	2
CO6497	CO6773	7.24	11 1-	2ACSR	0	0	689	157	72	9	5	0.05	3.82	5
CO6603	CO6497	7.31	2 1-	2ACSR	0	0	681	157	15	2	1	0.00	3.82	0
CO6770	CO6603	7.37	2 1-	2ACSR	0	0	673	157	15	2	1	0.00	3.83	0
CO6771	CO6770	7.44	1 1-	2ACSR	0	0	664	156	5	0	0	0.00	3.83	0
CO6499	CO6497	7.28	8 1-	2ACSR	0	0	684	157	50	6	4	0.01	3.83	0
CO6500	CO6499	7.35	8 1-	2ACSR	0	0	676	157	50	6	4	0.01	3.84	0
CO6501	CO6500	7.42	1 1-	2ACSR	0	0	668	156	2	0	0	0.00	3.84	0
CO6502	CO6501	7.48	1 1-	2ACSR	0	0	659	156	2	0	0	0.00	3.84	0
CO6435	CO6502	7.54	1 1-	2ACSR	0	0	653	156	2	0	0	0.00	3.84	0
CO6436	CO6500	7.39	1 1-	2ACSR	0	0	671	157	6	0	0	0.00	3.84	0
CO6382	CO6500	7.46	6 1-	4ACSR	0	0	659	156	42	5	4	0.03	3.87	0
CO6606	CO6382	7.54	5 1-	2ACSR	0	0	650	155	33	4	2	0.01	3.88	0
CO6604	CO6606	7.60	5 1-	2ACSR	0	0	642	155	33	4	2	0.01	3.89	0
CO6605	CO6604	7.65	5 1-	2ACSR	0	0	637	155	33	4	2	0.01	3.90	0
CO8332	CO6605	7.80	4 1-	2ACSR	0	0	620	154	21	2	2	0.01	3.90	0
CO6838	CO6605	7.72	1 1-	1/0PRIURD	0	0	631	315	12	1	1	0.00	3.90	0
CO6476	CO6606	7.58	0 1-	2ACSR	0	0	645	155	0	0	0	0.00	3.88	0
CO6433	CO6382	7.49	1 1-	2ACSR	0	0	655	156	9	1	1	0.00	3.87	0
CO6679	CO6773	7.16	1 1-	2ACSR	0	0	701	158	11	1	1	0.00	3.78	0
CO6680	CO6679	7.22	1 1-	2ACSR	0	0	693	158	11	1	1	0.00	3.78	0
CO6472	CO6380	6.34	2 1-	2ACSR	0	0	828	164	8	1	1	0.00	3.15	0
CO6431	CO6400	5.99	1 1-	2ACSR	0	0	897	166	7	0	0	0.00	2.80	0
CO6475	CO6486	5.52	0 1-	2ACSR	0	0	979	168	0	0	0	0.00	2.26	0
OC2122367255	CO6475	5.52	0 1-	20 N FUSE	0	0	979	168	0	0	0	0.00	2.26	0
CO6471	CO6541	4.93	1 1-	2ACSR	0	0	1093	170	45	6	3	0.00	1.68	0
OC-1362802889	CO6471	4.93	0 1-	20 N FUSE	0	0	1093	170	0	0	0	0.00	1.68	0
CO6816	CO6547	4.84	4 1-	4ACSR	0	0	1107	170	15	2	1	0.00	1.62	0
OC236458931	CO6816	4.84	4 1-	20 N FUSE	0	0	1107	170	15	2	10	0.00	1.62	0
CO6817	OC236458931	4.89	4 1-	4ACSR	0	0	1091	169	15	2	1	0.00	1.63	0
CO6815	CO6817	4.92	3 1-	4ACSR	0	0	1080	169	15	2	1	0.00	1.63	0
CO6814	CO6815	4.95	3 1-	4ACSR	0	0	1071	169	15	2	1	0.00	1.63	0
CO6813	CO6814	5.01	2 1-	4ACSR	0	0	1050	168	4	0	0	0.00	1.63	0
CO6404	CO6538	4.47	17 1-	4ACSR	0	0	1177	170	102	13	10	0.04	1.34	6
CO6842	CO6404	4.47	11 1-	4ACSR	0	0	1174	170	58	7	6	0.00	1.34	0
OC186	CO6842	4.47	11 1-	15 H OCR	0	0	1174	170	58	7	53	0.00	1.34	0
CO6843	OC186	4.49	11 1-	4ACSR	0	0	1165	170	58	7	6	0.01	1.35	0
CO6515	CO6843	4.55	10 1-	4ACSR	0	0	1142	169	50	6	5	0.02	1.37	0
CO6811	CO6515	4.58	10 1-	4ACSR	0	0	1131	169	50	6	5	0.01	1.38	0
CO6812	CO6811	4.67	10 1-	4ACSR	0	0	1095	168	50	6	5	0.03	1.41	2

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6514	CO6812	5.01	10 1-	4ACSR	0	0	977	165	50	6	5	0.10	1.51	8
CO6818	CO6514	5.10	7 1-	4ACSR	0	0	950	164	33	4	3	0.02	1.53	0
CO6819	CO6818	5.15	6 1-	4ACSR	0	0	935	163	33	4	3	0.01	1.53	0
CO6820	CO6819	5.24	5 1-	4ACSR	0	0	909	162	33	4	3	0.01	1.55	0
CO6459	CO6820	5.34	1 1-	4ACSR	0	0	883	161	4	0	0	0.00	1.55	0
CO6458	CO6820	5.33	1 1-	4ACSR	0	0	885	162	1	0	0	0.00	1.55	0
CO6395	CO6820	5.43	2 1-	4ACSR	0	0	858	161	16	2	2	0.01	1.56	0
CO6520	CO6395	5.55	1 1-	4ACSR	0	0	827	159	9	1	1	0.01	1.57	0
CO6519	CO6520	5.56	1 1-	4ACSR	0	0	825	159	9	1	1	0.00	1.57	0
CO6461	CO6519	5.62	0 1-	4ACSR	0	0	812	159	0	0	0	0.00	1.57	0
CO6658	CO6519	5.73	1 1-	4ACSR	0	0	786	158	9	1	1	0.00	1.58	0
CO6659	CO6658	5.84	0 1-	4ACSR	0	0	763	157	0	0	0	0.00	1.58	0
CO6460	CO6395	5.62	0 1-	4ACSR	0	0	812	159	0	0	0	0.00	1.56	0
CO6653	CO6514	5.15	2 1-	4ACSR	0	0	936	163	17	2	2	0.01	1.52	0
CO6654	CO6653	5.18	1 1-	4ACSR	0	0	928	163	3	0	0	0.00	1.52	0
CO6516	CO6404	4.52	6 1-	4ACSR	0	0	1153	170	43	5	4	0.01	1.36	0
OC-130436786	CO6516	4.52	6 1-	20 N FUSE	0	0	1153	170	43	5	29	0.00	1.36	0
CO6518	OC-130436786	4.55	6 1-	4ACSR	0	0	1143	169	43	5	4	0.01	1.36	0
CO6517	CO6518	4.57	4 1-	4ACSR	0	0	1135	169	41	5	4	0.01	1.37	0
CO6809	CO6517	4.63	3 1-	4ACSR	0	0	1110	169	36	4	3	0.01	1.38	0
CO6810	CO6809	4.75	2 1-	4ACSR	0	0	1068	167	17	2	2	0.01	1.39	0
CO6657	CO6810	4.80	2 1-	4ACSR	0	0	1047	167	17	2	2	0.01	1.40	0
CO6655	CO6657	4.85	2 1-	4ACSR	0	0	1031	166	17	2	2	0.00	1.40	0
CO6656	CO6655	4.89	1 1-	4ACSR	0	0	1018	166	17	2	2	0.00	1.40	0
CO6457	CO6517	4.61	1 1-	4ACSR	0	0	1120	169	5	0	0	0.00	1.37	0
CO6402	CO6401	3.96	13 1-	2ACSR	0	0	1304	172	71	9	5	0.00	0.91	0
OC-769278967	CO6402	3.96	13 1-	20 N FUSE	0	0	1304	172	71	9	47	0.00	0.91	0
CO5910	OC-769278967	4.05	13 1-	2ACSR	0	0	1268	171	71	9	5	0.02	0.93	3
CO6056	CO5910	4.12	3 1-	4ACSR	0	0	1232	170	6	0	1	0.00	0.93	0
CO6057	CO6056	4.20	2 1-	4ACSR	0	0	1199	170	3	0	0	0.00	0.93	0
CO6058	CO6057	4.27	0 1-	4ACSR	0	0	1166	169	0	0	0	0.00	0.93	0
CO5905	CO5910	4.12	10 1-	4ACSR	0	0	1233	170	65	8	6	0.03	0.96	3
CO5942	CO5905	4.18	1 1-	4ACSR	0	0	1207	170	0	0	0	0.00	0.96	0
CO5936	CO5905	4.16	1 1-	4ACSR	0	0	1213	170	2	0	0	0.00	0.96	0
CO5904	CO5905	4.19	5 1-	4ACSR	0	0	1203	170	51	6	5	0.02	0.98	0
CO5903	CO5904	4.26	5 1-	4ACSR	0	0	1170	169	51	6	5	0.02	1.00	0
CO5906	CO5903	4.47	5 1-	4ACSR	0	0	1085	167	51	6	5	0.06	1.06	5
CO6061	CO5906	4.54	3 1-	4ACSR	0	0	1060	166	26	3	3	0.01	1.07	0
CO6062	CO6061	4.71	3 1-	4ACSR	0	0	1000	164	26	3	3	0.02	1.09	0
CO6105	CO6062	4.71	0 1-	4ACSR	0	0	998	164	0	0	0	0.00	1.09	0
SW179-B	CO6105	4.71	0 1-	Closed	0	0	998	164	0	0	0	0.00	1.09	0
SW179-A	SW179-B	4.71	0 1-	Closed	0	0	998	164	0	0	0	0.00	1.09	0
CO6106	SW179-A	4.82	0 1-	4ACSR	0	0	963	163	0	0	0	0.00	1.09	0
CO6063	CO6106	5.12	0 1-	4ACSR	0	0	874	160	0	0	0	0.00	1.09	0
CO8336	CO6063	5.29	0 1-	4ACSR	0	0	830	159	0	0	0	0.00	1.09	0
CO6831	CO8336	5.31	0 1-	4ACSR	0	0	825	158	0	0	0	0.00	1.09	0
CO5938	CO6062	4.84	1 1-	4ACSR	0	0	957	163	10	1	1	0.00	1.10	0
CO5907	CO6062	4.79	1 1-	4ACSR	0	0	973	164	0	0	0	0.00	1.09	0
CO5894	CO5907	4.92	1 1-	4ACSR	0	0	933	162	0	0	0	0.00	1.09	0
CO5917	CO5894	5.01	0 1-	4ACSR	0	0	905	161	0	0	0	0.00	1.09	0
CO5916	CO5894	4.98	1 1-	4ACSR	0	0	913	162	0	0	0	0.00	1.09	0
CO5939	CO5916	5.11	1 1-	4ACSR	0	0	879	160	0	0	0	0.00	1.09	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6059	CO5906	4.61	1 1-	4ACSR	0	0	1032	165	16	2	2	0.01	1.08	0
CO6060	CO6059	4.65	1 1-	4ACSR	0	0	1019	165	16	2	2	0.00	1.08	0
CO5937	CO5906	4.57	1 1-	4ACSR	0	0	1049	166	9	1	1	0.00	1.06	0
CO5909	CO6048	3.85	7 1-	4ACSR	0	0	1320	172	66	8	6	0.02	0.79	0
OC-1804703929	CO5909	3.85	6 1-	20 N FUSE	0	0	1320	172	61	8	41	0.00	0.79	0
CO6050	OC-1804703929	3.97	4 1-	4ACSR	0	0	1264	170	42	5	4	0.03	0.82	0
CO6051	CO6050	4.14	4 1-	4ACSR	0	0	1184	169	42	5	4	0.04	0.86	3
CO5941	CO6051	4.20	2 1-	4ACSR	0	0	1157	168	26	3	2	0.00	0.86	0
CO5940	CO6051	4.24	2 1-	4ACSR	0	0	1139	168	16	2	2	0.00	0.86	0
CO6049	OC-1804703929	3.91	2 1-	4ACSR	0	0	1292	171	19	2	2	0.01	0.79	0
CO8333	CO6049	3.99	0 1-	4ACSR	0	0	1254	170	0	0	0	0.00	0.79	0
CO5935	CO6049	3.99	1 1-	4ACSR	0	0	1254	170	14	1	1	0.00	0.80	0
CO5953	CO6046	3.47	1 1-	2ACSR	0	0	1435	173	3	0	0	0.00	0.42	0
OC1646585297	CO5953	3.47	0 1-	20 N FUSE	0	0	1435	173	0	0	0	0.00	0.42	0
CO6038	CO6041	3.23	2 1-	4ACSR	0	0	1511	173	13	1	1	0.00	0.19	0
OC1447339866	CO6038	3.23	2 1-	20 N FUSE	0	0	1511	173	13	1	9	0.00	0.19	0
CO6039	OC1447339866	3.35	2 1-	4ACSR	0	0	1435	172	13	1	1	0.01	0.20	0
CO6043	CO6039	3.42	2 1-	4ACSR	0	0	1391	171	13	1	1	0.01	0.20	0
CO6044	CO6043	3.46	2 1-	4ACSR	0	0	1363	170	13	1	1	0.00	0.21	0
CO5943	CO6044	3.50	1 1-	1/0PRIURD	0	0	1352	407	10	1	1	0.00	0.21	0
CO6032	CO6031	3.04	2 1-	4ACSR	0	0	1575	173	1	0	0	0.00	3.45	0
OC-812945140	CO6032	3.04	2 1-	20 N FUSE	0	0	1575	173	1	0	1	0.00	3.45	0
CO6033	OC-812945140	3.22	2 1-	4ACSR	0	0	1450	171	1	0	0	0.00	3.46	0
CO6034	CO6033	3.32	1 1-	4ACSR	0	0	1388	170	0	0	0	0.00	3.46	0
CO6035	CO6034	3.39	1 1-	4ACSR	0	0	1345	170	0	0	0	0.00	3.46	0
CO5950	CO6031	3.02	0 1-	2ACSR	0	0	1596	174	0	0	0	0.00	3.45	0
OC-1367227704	CO5950	3.02	0 1-	20 N FUSE	0	0	1596	174	0	0	0	0.00	3.45	0
CO5951	CO6030	2.96	0 1-	2ACSR	0	0	1617	174	0	0	0	0.00	3.39	0
OC1473491658	CO5951	2.96	0 1-	20 N FUSE	0	0	1617	174	0	0	0	0.00	3.39	0
CO6018	CO5901	2.64	21 1-	4ACSR	0	0	1748	174	135	18	13	0.02	3.10	5
OC2044199005	CO6018	2.64	19 1-	20 N FUSE	0	0	1748	174	117	16	80	0.00	3.10	0
CO6019	OC2044199005	2.68	19 1-	4ACSR	0	0	1715	174	117	16	11	0.03	3.13	5
CO6023	CO6019	2.79	12 1-	4ACSR	0	0	1626	173	68	9	7	0.04	3.17	5
CO6024	CO6023	2.88	10 1-	4ACSR	0	0	1551	172	65	8	6	0.04	3.21	4
CO6027	CO6024	2.98	3 1-	4ACSR	0	0	1481	171	16	2	2	0.01	3.22	0
CO6028	CO6027	3.10	2 1-	4ACSR	0	0	1397	169	13	1	1	0.01	3.23	0
CO5924	CO6028	3.19	1 1-	4ACSR	0	0	1342	168	13	1	1	0.00	3.23	0
CO5923	CO6028	3.17	1 1-	4ACSR	0	0	1356	169	0	0	0	0.00	3.23	0
CO6025	CO6024	2.95	5 1-	4ACSR	0	0	1503	171	48	6	5	0.01	3.23	0
CO6026	CO6025	3.17	3 1-	4ACSR	0	0	1356	169	28	3	3	0.03	3.26	0
CO5926	CO6026	3.24	1 1-	4ACSR	0	0	1313	168	5	0	1	0.00	3.26	0
CO5925	CO6026	3.22	1 1-	4ACSR	0	0	1327	168	13	1	1	0.00	3.26	0
CO5927	CO6024	2.96	0 1-	4ACSR	0	0	1498	171	0	0	0	0.00	3.21	0
CO6020	CO6019	2.72	4 1-	4ACSR	0	0	1684	174	35	4	3	0.01	3.14	0
CO6021	CO6020	2.73	4 1-	4ACSR	0	0	1674	173	35	4	3	0.00	3.14	0
CO6022	CO6021	2.77	3 1-	4ACSR	0	0	1640	173	23	3	2	0.00	3.14	0
CO5944	CO6019	2.71	2 1-	4ACSR	0	0	1691	174	12	1	1	0.00	3.13	0
CO5954	CO5901	2.66	2 1-	2ACSR	0	0	1736	174	8	1	1	0.00	3.08	0
OC590949499	CO5954	2.66	0 1-	20 N FUSE	0	0	1736	174	0	0	0	0.00	3.08	0
CO5932	CO5901	2.69	1 1-	4ACSR	0	0	1711	174	11	1	1	0.00	3.08	0
OC-525888044	CO5932	2.69	0 1-	20 N FUSE	0	0	1711	174	0	0	0	0.00	3.08	0
CO5956	CO6010	2.31	1 1-	2ACSR	0	0	1910	175	0	0	0	0.00	2.70	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
OC2029277518	CO5956	2.31	0 1-	20 N FUSE	0	0	1910	175	0	0	0	0.00	2.70	0	
	CO5955	CO17311	2.18	2 1-	2ACSR	0	0	1995	175	50	6	4	0.00	2.60	0
OC1804394278	CO5955	2.18	0 1-	20 N FUSE	0	0	1995	175	0	0	0	0.00	2.60	0	
	CO6007	CO6006	2.14	1 3-	2ACSR	2571	2387	2014	175	91	4	2	0.00	2.56	0
	CO6008	CO6007	2.19	1 3-	2ACSR	2521	2335	1968	175	91	4	2	0.00	2.56	0
	CO5934	CO6005	2.07	3 1-	4ACSR	0	0	2049	175	39	5	4	0.01	2.46	0
OC441440448	CO5934	2.07	0 1-	20 N FUSE	0	0	2049	175	0	0	0	0.00	2.46	0	
	CO5947	CO5994	1.85	1 1-	2ACSR	0	0	2213	176	8	1	1	0.00	2.22	0
OC-1782245397	CO5947	1.85	0 1-	20 N FUSE	0	0	2213	176	0	0	0	0.00	2.22	0	
	CO5933	CO5902	1.58	1 1-	4ACSR	0	0	2409	176	4	0	0	0.00	1.90	0
OC-465991220	CO5933	1.58	0 1-	20 N FUSE	0	0	2409	176	0	0	0	0.00	1.90	0	
	CO5969	CO5968	1.32	5 1-	2ACSR	0	0	2697	177	33	4	2	0.00	1.63	0
OC1604883597	CO5969	1.32	4 1-	20 N FUSE	0	0	2697	177	21	2	14	0.00	1.63	0	
	CO5970	OC1604883597	1.38	4 1-	2ACSR	0	0	2586	177	21	2	2	0.00	1.63	0
	CO5957	CO5965	1.18	2 1-	2ACSR	0	0	2834	177	15	2	1	0.00	1.43	0
OC1555229331	CO5957	1.18	0 1-	20 N FUSE	0	0	2834	177	0	0	0	0.00	1.43	0	
	CO5949	CO5601	1.10	2 1-	2ACSR	0	0	2903	177	13	1	1	0.00	1.30	0
OC-342608185	CO5949	1.10	0 1-	20 N FUSE	0	0	2903	177	0	0	0	0.00	1.30	0	
	CO5560	CO5602	0.96	1 1-	2ACSR	0	0	3101	177	5	0	0	0.00	1.11	0
OC-512366437	CO5560	0.96	0 1-	20 N FUSE	0	0	3101	177	0	0	0	0.00	1.11	0	
	CO5559	CO5600	0.87	1 1-	2ACSR	0	0	3227	178	0	0	0	0.00	1.00	0
OC-1514970600	CO5559	0.87	0 1-	20 N FUSE	0	0	3227	178	0	0	0	0.00	1.00	0	
CO-1405802674	CO-1660857539	0.00	482 3-	500 MCM ACSR	5512	5751	5816	180	2433	109	16	0.00	0.00	0	
Muses Mill	CO-1405802674	0.00	482 3-	560 200WVE	5512	5751	5816	180	2433	109	20	0.00	0.00	0	
CO941727467	Muses Mill	0.00	482 3-	500 MCM ACSR	5510	5748	5813	180	2433	109	16	0.00	0.00	0	
CO934293526	CO941727467	0.02	482 3-	336ACSR	5471	5670	5734	180	2433	109	21	0.01	0.01	30	
CO987216559	CO934293526	0.03	482 3-	336ACSR	5436	5604	5666	180	2433	109	21	0.01	0.02	27	
CO1821578043	CO987216559	0.04	482 3-	336ACSR	5405	5543	5604	180	2433	109	21	0.01	0.03	25	
CO-1463981735	CO1821578043	0.07	482 3-	336ACSR	5322	5393	5445	180	2433	109	21	0.02	0.05	66	
CO-606580065	CO-1463981735	0.14	482 3-	336ACSR	5153	5177	5133	179	2432	109	21	0.05	0.10	141	
CO1772670141	CO-606580065	0.24	482 3-	336ACSR	4916	4896	4720	179	2432	109	21	0.07	0.18	214	
	CO5344	CO1772670141	0.27	1 1-	4ACSR	0	0	4558	179	15	2	1	0.00	0.18	0
CO183102376	CO1772670141	0.31	481 3-	336ACSR	4755	4709	4493	179	2415	108	21	0.05	0.23	155	
	CO5346	CO183102376	0.35	1 1-	4ACSR	0	0	4286	179	7	0	1	0.00	0.23	0
CO-142093522	CO183102376	0.33	480 3-	336ACSR	4718	4667	4443	179	2407	108	21	0.01	0.24	36	
CO-423970069	CO-142093522	0.41	480 3-	336ACSR	4548	4472	4213	179	2407	108	21	0.06	0.30	176	
	CO5366	CO-423970069	0.52	473 3-	1/0ACSR	4281	4173	3871	178	2375	107	47	0.19	0.49	679
	CO5364	CO5366	0.61	473 3-	1/0ACSR	4057	3926	3599	178	2371	107	47	0.17	0.67	611
	CO5365	CO5364	0.69	471 3-	1/0ACSR	3872	3725	3383	177	2343	105	46	0.15	0.82	535
	CO5368	CO5365	0.75	456 3-	1/0ACSR	3743	3586	3238	177	2291	103	45	0.11	0.93	379
	CO5369	CO5368	0.80	453 3-	1/0ACSR	3650	3485	3134	177	2272	103	45	0.08	1.02	287
FD-453038052	CO5369	0.80	451 3-	_DefaultBayEqui	3650	3485	3134	177	2269	102	0	0.00	1.02	0	
	CO5367	FD-453038052	0.93	451 3-	1/0ACSR	3406	3227	2873	176	2269	102	45	0.24	1.25	806
OC-453038052	CO5367	0.93	450 3-	20 N FUSE	3406	3227	2873	176	2259	102	513	0.00	1.25	0	
	CO5311	OC-453038052	1.13	409 3-	1/0ACSR	3089	2897	2549	175	2021	91	40	0.32	1.57	964
	CO5347	CO5311	1.19	2 1-	4ACSR	0	0	2438	175	13	1	1	0.00	1.57	0
CO8314	CO5311	1.23	407 3-	1/0ACSR	2949	2754	2412	175	2004	91	40	0.16	1.73	476	
	CO5778	CO8314	1.42	2 1-	4ACSR	0	0	2096	173	15	2	1	0.02	1.74	0
	CO8319	CO5778	1.56	1 1-	4ACSR	0	0	1910	171	15	2	1	0.01	1.76	0
	CO5465	CO8319	1.60	1 1-	4ACSR	0	0	1862	171	15	2	1	0.00	1.76	0
	CO5724	CO8314	1.46	405 3-	1/0ACSR	2669	2488	2146	174	1986	90	39	0.36	2.08	1071

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5779	CO5724	1.53	4 1-	4ACSR	0	0	2039	173	17	2	2	0.01	2.09	0
CO5780	CO5779	1.60	1 1-	4ACSR	0	0	1955	172	11	1	1	0.00	2.09	0
CO5740	CO5779	1.62	2 1-	4ACSR	0	0	1927	172	6	0	1	0.00	2.09	0
CO5723	CO5724	1.71	401 3-	1/0ACSR	2416	2255	1915	172	1964	89	39	0.38	2.47	1141
CO5781	CO5723	1.74	4 1-	4ACSR	0	0	1874	172	30	4	3	0.01	2.47	0
CO5782	CO5781	1.80	3 1-	4ACSR	0	0	1809	171	21	2	2	0.01	2.48	0
CO5783	CO5782	1.82	1 1-	4ACSR	0	0	1785	171	10	1	1	0.00	2.48	0
CO5784	CO5783	1.88	1 1-	4ACSR	0	0	1725	171	10	1	1	0.00	2.48	0
CO5741	CO5782	1.89	2 1-	4ACSR	0	0	1709	170	11	1	1	0.00	2.48	0
CO5733	CO5723	1.76	397 3-	1/0ACSR	2363	2207	1868	172	1929	88	38	0.09	2.55	258
CO5751	CO5733	1.81	1 1-	4ACSR	0	0	1819	172	9	1	1	0.00	2.56	0
CO5732	CO5733	1.86	396 3-	1/0ACSR	2282	2132	1795	172	1919	88	38	0.14	2.70	419
CO5877	CO5732	1.86	4 1-	4ACSR	0	0	1788	172	9	1	1	0.00	2.70	0
OC170	CO5877	1.86	4 1-	10 N FUSE	0	0	1788	172	9	1	12	0.00	2.70	0
CO5878	OC170	1.94	4 1-	4ACSR	0	0	1711	171	9	1	1	0.00	2.70	0
CO5787	CO5878	2.08	2 1-	4ACSR	0	0	1578	169	8	1	1	0.01	2.71	0
CO5788	CO5787	2.11	1 1-	4ACSR	0	0	1554	169	7	1	1	0.00	2.71	0
CO5742	CO5878	2.10	1 1-	4ACSR	0	0	1565	169	0	0	0	0.00	2.70	0
CO1150291051	CO5742	2.13	1 1-	2ACSR	0	0	1545	169	0	0	0	0.00	2.70	0
CO1433233614	CO1150291051	2.22	1 1-	2ACSR	0	0	1485	168	0	0	0	0.00	2.70	0
CO1111028131	CO1433233614	2.29	1 1-	2ACSR	0	0	1444	168	0	0	0	0.00	2.70	0
CO754935578	CO1111028131	2.35	1 1-	2ACSR	0	0	1409	167	0	0	0	0.00	2.70	0
CO5785	CO5732	1.93	2 1-	4ACSR	0	0	1721	171	15	1	1	0.00	2.70	0
CO5786	CO5785	1.97	0 1-	4ACSR	0	0	1676	170	0	0	0	0.00	2.70	0
CO5743	CO5785	2.02	1 1-	4ACSR	0	0	1634	170	3	0	0	0.00	2.70	0
CO5729	CO5732	2.17	390 3-	1/0ACSR	2045	1914	1589	170	1893	87	38	0.47	3.17	1357
CO5789	CO5729	2.23	6 1-	4ACSR	0	0	1538	170	26	3	3	0.01	3.18	0
CO5791	CO5789	2.29	3 1-	4ACSR	0	0	1493	169	16	2	2	0.01	3.18	0
CO5792	CO5791	2.32	3 1-	4ACSR	0	0	1467	169	16	2	2	0.00	3.19	0
CO5793	CO5792	2.35	2 1-	4ACSR	0	0	1443	168	6	0	1	0.00	3.19	0
CO5744	CO5792	2.40	1 1-	4ACSR	0	0	1412	168	10	1	1	0.00	3.19	0
CO5790	CO5789	2.30	3 1-	4ACSR	0	0	1486	169	10	1	1	0.00	3.18	0
CO5728	CO5729	2.24	384 3-	1/0ACSR	2000	1873	1552	170	1861	85	37	0.10	3.26	280
FD1046893362	CO5728	2.24	273 3-	_DefaultBayEqui	2000	1873	1552	170	1224	56	0	0.00	3.26	0
CO5727	FD1046893362	2.32	273 3-	1/0ACSR	1946	1823	1505	169	1224	56	25	0.08	3.35	154
OC1046893362	CO5727	2.32	265 3-	20 N FUSE	1946	1823	1505	169	1167	53	269	0.00	3.35	0
CO5726	OC1046893362	2.43	265 3-	1/0ACSR	1878	1761	1448	169	1167	53	23	0.10	3.45	189
CO5824	CO5726	2.50	262 3-	1/0ACSR	1840	1726	1416	169	1148	52	23	0.06	3.51	107
CO5825	CO5824	2.54	262 3-	1/0ACSR	1819	1707	1399	168	1148	52	23	0.03	3.55	61
CO5881	CO5825	2.55	12 1-	6ACWC	0	0	1395	168	92	12	9	0.00	3.55	0
OC169	CO5881	2.55	12 1-	10 N FUSE	0	0	1395	168	92	12	127	0.00	3.55	0
CO5882	OC169	2.64	12 1-	6ACWC	0	0	1333	167	92	12	9	0.05	3.60	7
CO5821	CO5882	2.73	11 1-	6ACWC	0	0	1279	166	80	11	8	0.04	3.65	6
CO5826	CO5821	2.79	1 1-	6ACWC	0	0	1249	166	7	0	1	0.00	3.65	0
CO5731	CO5821	2.78	10 1-	6ACWC	0	0	1251	166	73	10	7	0.02	3.67	3
CO5831	CO5731	2.84	8 1-	6ACWC	0	0	1221	165	64	8	6	0.02	3.69	2
CO5832	CO5831	2.96	5 1-	6ACWC	0	0	1160	164	39	5	4	0.03	3.72	0
CO5829	CO5832	3.02	3 1-	6ACWC	0	0	1133	164	31	4	3	0.01	3.73	0
CO5830	CO5829	3.14	3 1-	6ACWC	0	0	1076	162	31	4	3	0.02	3.75	0
CO-1104292447	CO5830	3.24	2 1-	2ACSR	0	0	1046	162	21	2	2	0.01	3.76	0
CO-1800279001	CO-1104292447	3.33	1 1-	2ACSR	0	0	1017	161	10	1	1	0.00	3.76	0
CO197172457	CO-1104292447	3.32	1 1-	2ACSR	0	0	1021	161	11	1	1	0.00	3.76	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO455515655	CO197172457	3.46	1 1-	2ACSR	0	0	979	160	11	1	1	0.01	3.77	0
CO-1019551428	CO455515655	3.57	1 1-	2ACSR	0	0	948	160	11	1	1	0.01	3.77	0
CO1907272602	CO-1019551428	3.69	1 1-	2ACSR	0	0	920	159	11	1	1	0.00	3.77	0
CO5827	CO5831	2.89	3 1-	6ACWC	0	0	1194	165	25	3	3	0.01	3.70	0
CO5828	CO5827	2.91	1 1-	6ACWC	0	0	1185	165	11	1	1	0.00	3.70	0
CO5750	CO5731	2.86	2 1-	6ACWC	0	0	1207	165	8	1	1	0.00	3.67	0
CO5833	CO5825	2.61	250 3-	1/0ACSR	1783	1673	1369	168	1056	48	21	0.06	3.60	93
CO5834	CO5833	2.67	249 3-	1/0ACSR	1750	1642	1341	168	1052	48	21	0.05	3.66	87
CO5745	CO5834	2.72	2 1-	4ACSR	0	0	1309	167	1	0	0	0.00	3.66	0
CO1143102509	CO5745	2.80	1 1-	2ACSR	0	0	1273	167	0	0	0	0.00	3.66	0
CO5725	CO5834	2.84	247 3-	1/0ACSR	1667	1566	1273	167	1051	48	21	0.14	3.80	231
CO5871	CO5725	2.96	243 3-	1/0ACSR	1616	1519	1232	166	1027	47	21	0.09	3.89	146
CO5872	CO5871	3.08	242 3-	1/0ACSR	1563	1470	1188	166	1020	47	21	0.10	3.99	161
CO5839	CO5872	3.17	241 3-	1/0ACSR	1530	1439	1162	165	1008	46	20	0.07	4.06	103
CO5840	CO5839	3.24	238 3-	1/0ACSR	1502	1413	1139	165	999	46	20	0.06	4.12	91
CO5883	CO5840	3.25	12 1-	4ACSR	0	0	1136	165	39	5	4	0.00	4.12	0
OC171	CO5883	3.25	12 1-	25 H OCR	0	0	1136	165	39	5	22	0.00	4.12	0
CO5884	OC171	3.42	12 1-	4ACSR	0	0	1063	163	39	5	4	0.04	4.16	2
CO5841	CO5884	3.47	10 1-	4ACSR	0	0	1043	163	36	4	4	0.01	4.17	0
CO5842	CO5841	3.67	7 1-	4ACSR	0	0	967	161	32	4	3	0.04	4.21	0
CO5843	CO5842	3.74	6 1-	4ACSR	0	0	945	160	23	3	2	0.01	4.22	0
CO5844	CO5843	3.83	6 1-	4ACSR	0	0	918	159	23	3	2	0.01	4.23	0
OC1962829630	CO5844	3.83	6 1-	20 N FUSE	0	0	918	159	23	3	16	0.00	4.23	0
CO5847	OC1962829630	4.17	2 1-	4ACSR	0	0	822	156	5	0	0	0.01	4.24	0
CO5848	CO5847	4.21	2 1-	4ACSR	0	0	810	156	5	0	0	0.00	4.24	0
CO5849	CO5848	4.24	1 1-	4ACSR	0	0	804	156	4	0	0	0.00	4.24	0
CO5850	CO5849	4.53	1 1-	4ACSR	0	0	740	153	4	0	0	0.00	4.24	0
CO5845	OC1962829630	3.92	4 1-	4ACSR	0	0	891	159	19	2	2	0.01	4.24	0
CO5846	CO5845	3.96	1 1-	4ACSR	0	0	877	158	12	1	1	0.00	4.24	0
CO5851	CO5840	3.30	225 3-	1/0ACSR	1478	1392	1120	165	959	44	19	0.05	4.16	70
CO5852	CO5851	3.33	222 3-	1/0ACSR	1468	1383	1112	165	936	43	19	0.02	4.18	29
CO5853	CO5852	3.38	221 3-	1/0ACSR	1451	1367	1098	164	917	42	18	0.03	4.22	49
CO5854	CO5853	3.47	217 3-	1/0ACSR	1421	1338	1074	164	887	41	18	0.06	4.28	86
CO5885	CO5854	3.47	135 1-	4ACSR	0	0	1071	164	439	61	44	0.02	4.30	13
OC172	CO5885	3.47	135 1-	50 H OCR	0	0	1071	164	439	61	122	0.00	4.30	0
CO5886	OC172	3.55	135 1-	4ACSR	0	0	1042	163	439	61	44	0.20	4.50	148
CO5858	CO5886	3.62	131 1-	4ACSR	0	0	1013	163	409	57	41	0.20	4.70	132
CO5859	CO5858	3.86	131 1-	4ACSR	0	0	934	160	408	57	41	0.60	5.30	405
CO5860	CO5859	4.09	1 1-	4ACSR	0	0	865	158	0	0	0	0.00	5.30	0
CO5861	CO5860	4.16	1 1-	4ACSR	0	0	844	157	0	0	0	0.00	5.30	0
CO8331	CO5861	4.49	0 1-	4ACSR	0	0	767	155	0	0	0	0.00	5.30	0
CO5736	CO5859	4.09	130 1-	4ACSR	0	0	866	158	406	57	41	0.59	5.89	398
CO6136	CO5736	4.16	130 1-	4ACSR	0	0	846	157	404	57	41	0.19	6.07	126
CO6342	CO6136	4.16	18 1-	4ACSR	0	0	844	157	76	10	8	0.00	6.08	0
OC181	CO6342	4.16	18 1-	25 H OCR	0	0	844	157	76	10	43	0.00	6.08	0
CO6343	OC181	4.27	18 1-	4ACSR	0	0	817	156	76	10	8	0.05	6.13	6
CO6255	CO6343	4.37	16 1-	4ACSR	0	0	793	156	73	10	7	0.04	6.17	5
CO6341	CO6255	4.38	14 1-	4ACSR	0	0	789	155	70	9	7	0.01	6.18	0
CO1120073942	CO6341	4.42	0 1-	2ACSR	0	0	782	155	0	0	0	0.00	6.18	0
CO6254	CO6341	4.55	14 1-	4ACSR	0	0	753	154	70	9	7	0.07	6.25	8
CO6256	CO6254	4.63	13 1-	4ACSR	0	0	736	153	62	8	6	0.03	6.28	3
CO6257	CO6256	4.77	12 1-	4ACSR	0	0	709	152	61	8	6	0.05	6.34	5

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6126	CO6257	4.84	12 1-	4ACSR	0	0	695	151	61	8	6	0.03	6.36	3
OC-324859541	CO6126	4.84	12 1-	20 N FUSE	0	0	695	151	61	8	43	0.00	6.36	0
CO6258	OC-324859541	4.98	11 1-	4ACSR	0	0	670	150	60	8	6	0.05	6.42	5
CO6259	CO6258	5.20	10 1-	4ACSR	0	0	635	148	58	8	6	0.08	6.50	8
CO6260	CO6259	5.35	9 1-	4ACSR	0	0	612	147	57	8	6	0.05	6.54	4
CO6261	CO6260	5.41	7 1-	4ACSR	0	0	604	147	36	5	4	0.01	6.56	0
CO-1227562893	CO6261	5.83	7 1-	2ACSR	0	0	561	144	36	5	3	0.07	6.62	4
CO6266	CO-1227562893	5.92	2 1-	4ACSR	0	0	550	144	8	1	1	0.00	6.63	0
CO6265	CO-1227562893	5.98	5 1-	4ACSR	0	0	544	143	28	3	3	0.02	6.64	0
CO6263	CO6265	6.04	2 1-	4ACSR	0	0	537	143	7	1	1	0.00	6.64	0
CO6264	CO6263	6.15	1 1-	4ACSR	0	0	525	142	5	0	0	0.00	6.65	0
CO6262	CO6264	6.38	0 1-	4ACSR	0	0	502	140	0	0	0	0.00	6.65	0
CO6179	CO6264	6.26	1 1-	4ACSR	0	0	513	141	5	0	0	0.00	6.65	0
CO6165	CO6265	6.04	1 1-	4ACSR	0	0	537	143	0	0	0	0.00	6.64	0
OC1873827084	CO6165	6.04	0 1-	20 N FUSE	0	0	537	143	0	0	0	0.00	6.64	0
CO-1063891138	CO6261	5.47	0 1-	2ACSR	0	0	597	146	0	0	0	0.00	6.56	0
CO6156	OC-324859541	4.91	1 1-	4ACSR	0	0	683	151	1	0	0	0.00	6.37	0
CO6157	CO6257	4.89	0 1-	4ACSR	0	0	685	151	0	0	0	0.00	6.34	0
CO6158	CO6254	4.59	1 1-	4ACSR	0	0	743	154	8	1	1	0.00	6.25	0
CO6122	CO6136	4.22	112 1-	4ACSR	0	0	830	157	328	46	33	0.13	6.20	71
CO6347	CO6122	4.38	1 1-	4ACSR	0	0	790	155	3	0	0	0.00	6.20	0
CO6125	CO6122	4.26	110 1-	4ACSR	0	0	821	157	316	44	32	0.07	6.27	37
CO6252	CO6125	4.28	108 1-	4ACSR	0	0	814	156	303	42	31	0.05	6.32	26
CO1070604722	CO6252	4.38	1 1-	2ACSR	0	0	796	156	4	0	0	0.00	6.32	0
CO-2036597502	CO1070604722	4.42	1 1-	2ACSR	0	0	789	155	4	0	0	0.00	6.32	0
CO6253	CO6252	4.29	106 1-	4ACSR	0	0	812	156	295	41	30	0.02	6.34	9
CO6250	CO6253	4.34	106 1-	4ACSR	0	0	800	156	295	41	30	0.09	6.43	44
CO6251	CO6250	4.39	106 1-	4ACSR	0	0	788	155	295	41	30	0.10	6.53	49
CO6349	CO6251	4.57	105 1-	4ACSR	0	0	749	154	294	41	30	0.33	6.86	162
CO6353	CO6349	4.62	1 1-	4ACSR	0	0	737	153	7	1	1	0.00	6.86	0
CO6114	CO6349	4.81	104 1-	4ACSR	0	0	700	152	286	40	29	0.45	7.31	218
CO6350	CO6114	4.92	1 1-	4ACSR	0	0	680	151	0	0	0	0.00	7.31	0
CO6280	CO6350	5.01	0 1-	4ACSR	0	0	665	150	0	0	0	0.00	7.31	0
CO6115	CO6114	4.92	103 1-	4ACSR	0	0	681	151	285	40	29	0.19	7.50	92
CO6248	CO6115	4.94	100 1-	4ACSR	0	0	677	151	273	38	28	0.04	7.54	19
CO6249	CO6248	4.97	100 1-	4ACSR	0	0	672	150	273	38	28	0.05	7.59	22
CO6117	CO6249	5.12	29 1-	4ACSR	0	0	647	149	112	15	11	0.11	7.70	21
CO6323	CO6117	5.18	27 1-	4ACSR	0	0	638	149	94	13	10	0.03	7.73	6
CO6334	CO6323	5.18	26 1-	4ACSR	0	0	637	149	92	13	9	0.00	7.73	0
OC183	CO6334	5.18	26 1-	25 H OCR	0	0	637	149	92	13	53	0.00	7.73	0
CO6335	OC183	5.37	26 1-	4ACSR	0	0	610	147	92	13	9	0.11	7.84	17
CO6246	CO6335	5.59	26 1-	4ACSR	0	0	579	145	92	13	9	0.13	7.98	21
CO6128	CO6246	5.82	26 1-	4ACSR	0	0	551	143	92	13	9	0.13	8.11	21
CO6130	CO6128	5.91	23 1-	4ACSR	0	0	541	143	67	9	7	0.04	8.15	4
CO6129	CO6130	6.00	23 1-	4ACSR	0	0	530	142	67	9	7	0.04	8.19	5
CO6133	CO6129	6.10	23 1-	4ACSR	0	0	520	141	67	9	7	0.04	8.23	5
CO6132	CO6133	6.24	22 1-	4ACSR	0	0	505	140	58	8	6	0.05	8.28	5
CO6131	CO6132	6.32	20 1-	4ACSR	0	0	498	140	51	7	5	0.02	8.31	0
CO6134	CO6131	6.51	19 1-	4ACSR	0	0	480	138	51	7	5	0.06	8.37	5
CO6244	CO6134	6.58	15 1-	4ACSR	0	0	474	138	42	6	4	0.02	8.38	0
CO6245	CO6244	6.66	14 1-	4ACSR	0	0	467	137	37	5	4	0.02	8.40	0
CO6135	CO6245	6.70	6 1-	4ACSR	0	0	463	137	10	1	1	0.00	8.40	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8344	CO6135	6.76	3 1-	4ACSR	0	0	458	137	2	0	0	0.00	8.40	0
CO8343	CO6135	6.76	3 1-	4ACSR	0	0	458	136	7	1	1	0.00	8.41	0
CO7412	CO8343	6.79	3 1-	4ACSR	0	0	456	136	7	1	1	0.00	8.41	0
CO7360	CO7412	7.19	3 1-	4ACSR	0	0	425	134	7	1	1	0.02	8.43	0
CO7413	CO7360	7.21	3 1-	4ACSR	0	0	424	133	7	1	1	0.00	8.43	0
CO7414	CO7413	7.28	2 1-	4ACSR	0	0	419	133	6	0	1	0.00	8.43	0
CO7361	CO7414	7.36	1 1-	4ACSR	0	0	414	132	1	0	0	0.00	8.43	0
CO7359	CO7412	6.90	0 1-	4ACSR	0	0	447	136	0	0	0	0.00	8.41	0
CO7355	CO7359	7.06	0 1-	4ACSR	0	0	435	134	0	0	0	0.00	8.41	0
CO7358	CO7355	7.29	0 1-	4ACSR	0	0	418	133	0	0	0	0.00	8.41	0
CO7356	CO7358	7.42	0 1-	4ACSR	0	0	409	132	0	0	0	0.00	8.41	0
CO7357	CO7356	7.61	0 1-	4ACSR	0	0	397	131	0	0	0	0.00	8.41	0
CO6242	CO6245	6.69	5 1-	4ACSR	0	0	465	137	19	2	2	0.00	8.40	0
CO6243	CO6242	6.75	4 1-	4ACSR	0	0	459	137	18	2	2	0.00	8.41	0
CO6168	CO6134	6.57	1 1-	4ACSR	0	0	475	138	3	0	0	0.00	8.37	0
CO6169	CO6131	6.36	1 1-	4ACSR	0	0	494	139	0	0	0	0.00	8.31	0
CO6170	CO6132	6.36	1 1-	4ACSR	0	0	494	139	0	0	0	0.00	8.28	0
CO6171	CO6133	6.23	1 1-	4ACSR	0	0	507	140	8	1	1	0.00	8.23	0
CO6172	CO6129	6.11	0 1-	4ACSR	0	0	519	141	0	0	0	0.00	8.19	0
CO6175	CO6172	6.17	0 1-	2ACSR	0	0	514	141	0	0	0	0.00	8.19	0
CO6267	CO6130	6.04	0 1-	4ACSR	0	0	526	142	0	0	0	0.00	8.15	0
CO6167	CO6128	5.95	3 1-	4ACSR	0	0	536	142	25	3	3	0.01	8.12	0
CO6164	CO6246	5.65	0 1-	4ACSR	0	0	571	145	0	0	0	0.00	7.98	0
CO6166	CO6323	5.21	1 1-	4ACSR	0	0	632	148	2	0	0	0.00	7.73	0
CO6177	CO6117	5.20	2 1-	2ACSR	0	0	637	149	18	2	1	0.00	7.70	0
CO6116	CO6249	5.00	70 1-	4ACSR	0	0	666	150	160	22	16	0.04	7.63	10
CO6295	CO6116	5.10	0 1-	4ACSR	0	0	650	149	0	0	0	0.00	7.63	0
CO6296	CO6295	5.31	0 1-	4ACSR	0	0	618	148	0	0	0	0.00	7.63	0
CO6278	CO6116	5.21	70 1-	4ACSR	0	0	632	148	160	22	16	0.21	7.84	56
CO6279	CO6278	5.26	68 1-	4ACSR	0	0	625	148	151	21	15	0.04	7.88	12
CO6297	CO6279	5.39	1 1-	4ACSR	0	0	607	147	2	0	0	0.00	7.88	0
CO6298	CO6297	5.49	1 1-	4ACSR	0	0	592	146	2	0	0	0.00	7.88	0
CO6272	CO6279	5.45	67 1-	4ACSR	0	0	598	146	149	21	15	0.17	8.06	44
CO6307	CO6272	5.52	66 1-	4ACSR	0	0	589	146	142	20	15	0.06	8.12	16
CO6308	CO6307	5.61	66 1-	4ACSR	0	0	577	145	142	20	15	0.09	8.21	21
CO6309	CO6308	5.69	66 1-	4ACSR	0	0	567	144	142	20	15	0.07	8.28	17
CO6310	CO6309	5.81	66 1-	4ACSR	0	0	553	144	142	20	15	0.11	8.39	26
CO6336	CO6310	5.81	65 1-	4ACSR	0	0	552	144	130	18	13	0.01	8.39	0
OC185	CO6336	5.81	65 1-	15 H OCR	0	0	552	144	130	18	125	0.00	8.39	0
CO6337	OC185	5.86	65 1-	4ACSR	0	0	546	143	130	18	13	0.04	8.43	9
CO6306	CO6337	5.96	65 1-	4ACSR	0	0	535	142	130	18	13	0.08	8.51	17
CO6273	CO6306	6.05	63 1-	4ACSR	0	0	525	142	124	17	13	0.07	8.59	16
CO6317	CO6273	6.09	4 1-	4ACSR	0	0	521	141	7	0	1	0.00	8.59	0
CO6318	CO6317	6.14	3 1-	4ACSR	0	0	515	141	5	0	0	0.00	8.59	0
CO6142	CO6317	6.14	1 1-	4ACSR	0	0	515	141	2	0	0	0.00	8.59	0
CO6286	CO6273	6.12	59 1-	4ACSR	0	0	517	141	118	16	12	0.06	8.64	12
CO6287	CO6286	6.20	58 1-	4ACSR	0	0	509	141	117	16	12	0.06	8.70	12
CO6288	CO6287	6.28	57 1-	4ACSR	0	0	501	140	114	16	12	0.06	8.76	12
CO6289	CO6288	6.38	57 1-	4ACSR	0	0	492	139	114	16	12	0.08	8.84	15
CO6118	CO6289	6.44	56 1-	4ACSR	0	0	486	139	114	16	12	0.05	8.88	9
CO6119	CO6118	6.73	9 1-	4ACSR	0	0	461	137	68	9	7	0.13	9.01	15
OC241878813	CO6119	6.73	9 1-	20 N FUSE	0	0	461	137	68	9	49	0.00	9.01	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8337	OC241878813	7.03	7 1-	4ACSR	0	0	437	135	40	5	4	0.08	9.09	5
CO7330	CO8337	7.22	7 1-	4ACSR	0	0	423	133	40	5	4	0.05	9.13	3
CO7407	CO7330	7.28	7 1-	4ACSR	0	0	420	133	40	5	4	0.01	9.15	0
CO7408	CO7407	7.48	6 1-	4ACSR	0	0	406	132	36	5	4	0.04	9.19	3
CO7406	CO7408	7.53	5 1-	4ACSR	0	0	403	131	31	4	3	0.01	9.20	0
CO7374	CO7406	7.60	2 1-	4ACSR	0	0	398	131	20	2	2	0.01	9.21	0
CO7375	CO7374	7.67	1 1-	4ACSR	0	0	394	130	7	0	1	0.00	9.21	0
CO7338	CO7406	7.89	1 1-	4ACSR	0	0	381	129	0	0	0	0.00	9.20	0
CO7337	CO7338	8.11	1 1-	4ACSR	0	0	369	128	0	0	0	0.00	9.20	0
CO373160697	OC241878813	6.80	1 1-	4ACSR	0	0	455	136	12	1	1	0.00	9.01	0
CO6144	OC241878813	6.76	1 1-	4ACSR	0	0	458	136	16	2	2	0.00	9.01	0
CO6304	CO6118	6.54	47 1-	4ACSR	0	0	477	138	45	6	5	0.03	8.91	2
CO6305	CO6304	6.76	47 1-	4ACSR	0	0	458	137	45	6	5	0.07	8.97	5
CO6303	CO6305	6.79	46 1-	4ACSR	0	0	456	136	45	6	5	0.01	8.98	0
CO8339	CO6303	7.19	46 1-	4ACSR	0	0	426	134	45	6	5	0.12	9.10	9
CO7409	CO8339	7.53	46 1-	4ACSR	0	0	402	131	45	6	5	0.10	9.20	8
CO7335	CO7409	7.60	45 1-	4ACSR	0	0	398	131	45	6	5	0.02	9.22	0
CO7336	CO7335	7.79	45 1-	4ACSR	0	0	387	130	45	6	5	0.06	9.28	4
CO7310	CO7336	7.91	44 1-	4ACSR	0	0	380	129	33	4	3	0.03	9.30	0
CO7334	CO7310	8.07	10 1-	4ACSR	0	0	371	128	13	1	1	0.01	9.32	0
CO7387	CO7334	8.11	10 1-	4ACSR	0	0	369	128	13	1	1	0.00	9.32	0
CO7388	CO7387	8.23	9 1-	4ACSR	0	0	362	127	6	0	1	0.00	9.32	0
OC-767508569	CO7388	8.23	9 1-	20 N FUSE	0	0	362	127	6	0	4	0.00	9.32	0
CO7385	OC-767508569	8.25	9 1-	4ACSR	0	0	361	127	6	0	1	0.00	9.33	0
CO7386	CO7385	8.29	5 1-	4ACSR	0	0	359	126	6	0	1	0.00	9.33	0
CO7384	CO7386	8.32	4 1-	4ACSR	0	0	358	126	6	0	1	0.00	9.33	0
CO7383	CO7384	8.38	2 1-	4ACSR	0	0	355	126	0	0	0	0.00	9.33	0
CO7333	CO7310	8.04	34 1-	4ACSR	0	0	373	128	20	2	2	0.02	9.32	0
OC42883965	CO7333	8.04	32 1-	20 N FUSE	0	0	373	128	20	2	14	0.00	9.32	0
CO7399	OC42883965	8.06	32 1-	4ACSR	0	0	371	128	20	2	2	0.00	9.32	0
CO7400	CO7399	8.10	29 1-	4ACSR	0	0	369	128	19	2	2	0.00	9.33	0
CO7401	CO7400	8.15	25 1-	4ACSR	0	0	367	127	15	2	2	0.00	9.33	0
CO7402	CO7401	8.17	22 1-	4ACSR	0	0	365	127	14	2	1	0.00	9.33	0
CO7403	CO7402	8.19	18 1-	4ACSR	0	0	364	127	8	1	1	0.00	9.33	0
CO7392	CO7403	8.21	18 1-	4ACSR	0	0	363	127	8	1	1	0.00	9.34	0
CO7393	CO7392	8.25	16 1-	4ACSR	0	0	361	127	8	1	1	0.00	9.34	0
CO7391	CO7393	8.28	11 1-	4ACSR	0	0	360	127	8	1	1	0.00	9.34	0
CO7389	CO7391	8.32	7 1-	4ACSR	0	0	358	126	2	0	0	0.00	9.34	0
CO7390	CO7389	8.40	5 1-	4ACSR	0	0	354	126	2	0	0	0.00	9.34	0
CO7316	CO7391	8.32	4 1-	4ACSR	0	0	358	126	6	0	1	0.00	9.34	0
CO7332	CO7336	8.09	1 1-	4ACSR	0	0	370	128	12	1	1	0.02	9.30	0
OC1772870026	CO7332	8.09	1 1-	20 N FUSE	0	0	370	128	12	1	9	0.00	9.30	0
CO7331	OC1772870026	8.53	1 1-	4ACSR	0	0	348	125	12	1	1	0.03	9.34	0
CO7424	CO7331	8.63	1 1-	4ACSR	0	0	343	124	12	1	1	0.01	9.34	0
CO7425	CO7424	8.83	1 1-	4ACSR	0	0	334	123	12	1	1	0.01	9.35	0
CO7315	CO7409	7.75	0 1-	4ACSR	0	0	389	130	0	0	0	0.00	9.20	0
CO6321	CO6289	6.44	1 1-	4ACSR	0	0	486	139	0	0	0	0.00	8.84	0
CO6322	CO6321	6.47	1 1-	4ACSR	0	0	484	139	0	0	0	0.00	8.84	0
CO6320	CO6322	6.52	1 1-	4ACSR	0	0	479	138	0	0	0	0.00	8.84	0
CO6319	CO6320	6.59	1 1-	4ACSR	0	0	473	138	0	0	0	0.00	8.84	0
CO6141	CO6287	6.27	1 1-	4ACSR	0	0	502	140	3	0	0	0.00	8.70	0
CO-247326889	CO6286	6.20	1 1-	2ACSR	0	0	512	141	0	0	0	0.00	8.64	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6143	CO6310	5.85	1 1-	4ACSR	0	0	548	143	12	1	1	0.00	8.39	0
CO6293	CO6249	5.18	1 1-	4ACSR	0	0	638	149	0	0	0	0.00	7.59	0
CO6294	CO6293	5.21	1 1-	4ACSR	0	0	632	148	0	0	0	0.00	7.59	0
CO6247	CO6115	5.01	3 1-	4ACSR	0	0	665	150	12	1	1	0.00	7.50	0
CO6351	CO6247	5.11	0 1-	4ACSR	0	0	649	149	0	0	0	0.00	7.50	0
CO6153	CO6252	4.38	0 1-	4ACSR	0	0	790	155	0	0	0	0.00	6.32	0
CO6154	CO6125	4.31	1 1-	4ACSR	0	0	807	156	0	0	0	0.00	6.27	0
CO6155	CO6122	4.38	1 1-	4ACSR	0	0	792	155	8	1	1	0.00	6.21	0
CO5855	CO5886	3.60	4 1-	4ACSR	0	0	1022	163	30	4	3	0.01	4.51	0
CO5856	CO5855	3.62	3 1-	4ACSR	0	0	1015	163	23	3	2	0.00	4.51	0
CO5857	CO5856	3.65	1 1-	4ACSR	0	0	1003	162	5	0	0	0.00	4.52	0
CO5756	CO5856	3.67	1 1-	4ACSR	0	0	998	162	9	1	1	0.00	4.52	0
CO5734	CO5854	3.53	80 1-	2ACSR	0	0	1053	164	444	61	34	0.12	4.40	84
CO5862	CO5734	3.59	4 1-	4ACSR	0	0	1031	163	35	4	3	0.01	4.41	0
CO5863	CO5862	3.63	1 1-	4ACSR	0	0	1016	163	12	1	1	0.00	4.41	0
CO5738	CO5734	3.61	72 1-	2ACSR	0	0	1028	163	393	54	30	0.14	4.54	84
CO5887	CO5738	3.62	69 1-	2ACSR	0	0	1026	163	370	51	29	0.01	4.55	6
OC173	CO5887	3.62	69 1-	50 H OCR	0	0	1026	163	370	51	103	0.00	4.55	0
CO5888	OC173	3.73	69 1-	2ACSR	0	0	994	162	370	51	29	0.18	4.73	103
CO5866	CO5888	3.77	67 1-	2ACSR	0	0	982	162	354	49	28	0.06	4.79	35
CO5867	CO5866	3.89	2 1-	2ACSR	0	0	951	161	9	1	1	0.00	4.80	0
CO5868	CO5867	3.91	2 1-	2ACSR	0	0	946	161	9	1	1	0.00	4.80	0
CO5869	CO5868	4.08	1 1-	2ACSR	0	0	904	160	2	0	0	0.00	4.80	0
CO5870	CO5869	4.23	1 1-	2ACSR	0	0	870	159	2	0	0	0.00	4.80	0
CO5737	CO5866	3.88	64 1-	2ACSR	0	0	954	161	339	47	26	0.15	4.94	82
CO8329	CO5737	4.12	0 1-	4ACSR	0	0	879	159	0	0	0	0.00	4.94	0
CO5735	CO5737	4.01	63 1-	2ACSR	0	0	921	160	335	46	26	0.19	5.14	103
CO8328	CO5735	4.43	61 1-	2ACSR	0	0	828	158	332	46	26	0.61	5.75	325
CO6202	CO8328	4.50	5 1-	4ACSR	0	0	812	157	28	3	3	0.01	5.76	0
OC1751266404	CO6202	4.50	5 1-	20 N FUSE	0	0	812	157	28	3	20	0.00	5.76	0
CO6203	OC1751266404	4.55	5 1-	4ACSR	0	0	799	157	28	3	3	0.01	5.77	0
CO6204	CO6203	4.59	4 1-	4ACSR	0	0	790	156	26	3	3	0.01	5.78	0
CO6205	CO6204	4.67	4 1-	4ACSR	0	0	773	156	26	3	3	0.01	5.79	0
CO6206	CO6205	4.68	4 1-	4ACSR	0	0	769	155	26	3	3	0.00	5.79	0
CO6207	CO6206	4.69	3 1-	4ACSR	0	0	767	155	20	2	2	0.00	5.79	0
CO6208	CO6207	4.75	3 1-	4ACSR	0	0	754	155	20	2	2	0.01	5.80	0
CO6211	CO6208	4.86	3 1-	4ACSR	0	0	733	154	20	2	2	0.01	5.81	0
CO6212	CO6211	4.99	2 1-	4ACSR	0	0	707	153	20	2	2	0.02	5.83	0
CO6209	CO6212	5.14	2 1-	4ACSR	0	0	680	151	20	2	2	0.02	5.85	0
CO6210	CO6209	5.29	1 1-	4ACSR	0	0	655	150	12	1	1	0.01	5.85	0
CO6180	CO6211	4.92	1 1-	2ACSR	0	0	723	154	0	0	0	0.00	5.81	0
CO6150	CO6203	4.61	1 1-	2ACSR	0	0	788	156	2	0	0	0.00	5.77	0
CO6200	CO8328	4.53	56 1-	2ACSR	0	0	809	157	302	42	24	0.13	5.88	63
CO1966468575	CO6200	4.57	0 1-	2ACSR	0	0	801	157	0	0	0	0.00	5.88	0
CO6201	CO6200	4.75	54 1-	2ACSR	0	0	770	156	295	41	23	0.27	6.15	129
CO6199	CO6201	4.79	53 1-	2ACSR	0	0	762	155	291	41	23	0.06	6.21	29
CO6198	CO6199	4.89	52 1-	2ACSR	0	0	747	155	291	41	23	0.12	6.33	55
CO6121	CO6198	5.03	50 1-	2ACSR	0	0	724	154	273	38	21	0.17	6.50	75
CO6124	CO6121	5.12	49 1-	2ACSR	0	0	711	153	263	37	21	0.10	6.61	44
CO6123	CO6124	5.21	49 1-	2ACSR	0	0	697	153	263	37	21	0.11	6.72	47
CO6330	CO6123	5.22	13 1-	4ACSR	0	0	696	153	90	12	9	0.00	6.72	0
OC180	CO6330	5.22	13 1-	25 H OCR	0	0	696	153	90	12	51	0.00	6.72	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6331	OC180	5.41	13 1-	4ACSR	0	0	663	151	90	12	9	0.11	6.83	16
CO6189	CO6331	5.58	12 1-	4ACSR	0	0	636	150	87	12	9	0.10	6.92	14
CO6188	CO6189	5.74	12 1-	4ACSR	0	0	612	148	87	12	9	0.08	7.01	12
CO6187	CO6188	5.90	11 1-	4ACSR	0	0	591	147	75	10	8	0.07	7.08	9
CO6186	CO6187	6.01	11 1-	4ACSR	0	0	576	146	75	10	8	0.05	7.13	7
CO6185	CO6186	6.35	11 1-	4ACSR	0	0	536	143	75	10	8	0.16	7.30	20
CO6184	CO6185	6.41	10 1-	4ACSR	0	0	530	143	73	10	7	0.02	7.32	3
CO6183	CO6184	6.49	10 1-	4ACSR	0	0	522	142	73	10	7	0.04	7.36	5
CO6182	CO6183	6.62	10 1-	4ACSR	0	0	508	141	73	10	7	0.06	7.42	8
CO6181	CO6182	6.84	10 1-	4ACSR	0	0	487	140	73	10	7	0.10	7.51	11
CO8341	CO6181	7.03	7 1-	4ACSR	0	0	471	138	46	6	5	0.06	7.57	4
CO7353	CO8341	7.10	7 1-	4ACSR	0	0	464	138	46	6	5	0.02	7.59	0
OC373730390	CO7353	7.10	6 1-	20 N FUSE	0	0	464	138	41	5	29	0.00	7.59	0
CO7352	OC373730390	7.31	1 1-	2ACSR	0	0	451	137	3	0	0	0.00	7.59	0
CO8340	CO7352	7.64	1 1-	2ACSR	0	0	432	135	3	0	0	0.00	7.60	0
CO6160	CO8340	7.69	1 1-	2ACSR	0	0	429	135	3	0	0	0.00	7.60	0
CO6159	CO8340	7.70	0 1-	2ACSR	0	0	429	135	0	0	0	0.00	7.60	0
CO7351	OC373730390	7.14	5 1-	2ACSR	0	0	462	138	38	5	3	0.01	7.60	0
CO7422	CO7351	7.20	5 1-	2ACSR	0	0	458	137	38	5	3	0.01	7.61	0
CO7423	CO7422	7.23	4 1-	2ACSR	0	0	456	137	21	3	2	0.00	7.61	0
CO7416	CO7423	7.24	4 1-	2ACSR	0	0	456	137	21	3	2	0.00	7.61	0
CO7417	CO7416	7.41	3 1-	2ACSR	0	0	445	136	21	3	2	0.02	7.62	0
CO7418	CO7417	7.48	2 1-	2ACSR	0	0	441	136	21	3	2	0.01	7.63	0
CO7419	CO7418	7.63	1 1-	2ACSR	0	0	432	135	10	1	1	0.00	7.63	0
CO6173	CO6181	6.99	1 1-	4ACSR	0	0	474	139	16	2	2	0.01	7.52	0
CO6161	CO6183	6.53	0 1-	2ACSR	0	0	519	142	0	0	0	0.00	7.36	0
CO6196	CO6123	5.34	36 1-	2ACSR	0	0	680	152	173	24	14	0.10	6.81	27
CO6197	CO6196	5.41	35 1-	2ACSR	0	0	671	152	173	24	14	0.05	6.86	14
CO6174	CO6197	5.46	1 1-	4ACSR	0	0	663	151	3	0	0	0.00	6.86	0
CO6137	CO6197	5.61	33 1-	2ACSR	0	0	645	151	169	24	13	0.15	7.01	42
CO6127	CO6137	5.69	33 1-	2ACSR	0	0	635	150	169	24	13	0.06	7.07	16
CO8300	CO6127	5.92	32 1-	2ACSR	0	0	609	149	159	22	13	0.16	7.23	41
OC2005028707	CO8300	5.92	32 1-	25 H OCR	0	0	609	149	158	22	90	0.00	7.23	0
CO4702	OC2005028707	5.95	25 1-	2ACSR	0	0	607	149	105	14	8	0.01	7.25	0
CO4703	CO4702	6.12	25 1-	2ACSR	0	0	589	148	105	14	8	0.08	7.32	13
CO4704	CO4703	6.22	24 1-	2ACSR	0	0	578	147	103	14	8	0.05	7.37	8
CO4705	CO4704	6.27	23 1-	2ACSR	0	0	573	147	102	14	8	0.02	7.39	3
CO4711	CO4705	6.32	16 1-	2ACSR	0	0	569	146	58	8	5	0.01	7.40	0
CO4712	CO4711	6.39	15 1-	2ACSR	0	0	562	146	55	7	4	0.02	7.42	0
CO4713	CO4712	6.47	14 1-	2ACSR	0	0	555	146	46	6	4	0.02	7.44	0
CO4714	CO4713	6.82	13 1-	2ACSR	0	0	525	144	46	6	4	0.07	7.51	5
CO4687	CO4714	6.98	0 1-	4ACSR	0	0	509	142	0	0	0	0.00	7.51	0
CO4683	CO4714	6.96	13 1-	2ACSR	0	0	513	143	46	6	4	0.03	7.54	2
CO4724	CO4683	7.09	10 1-	2ACSR	0	0	504	142	41	5	3	0.02	7.56	0
CO4725	CO4724	7.12	9 1-	2ACSR	0	0	502	142	32	4	3	0.00	7.56	0
CO4723	CO4725	7.25	8 1-	2ACSR	0	0	492	141	25	3	2	0.01	7.58	0
CO4726	CO4723	7.31	5 1-	2ACSR	0	0	488	141	19	2	1	0.00	7.58	0
CO1978942424	CO4726	7.36	4 1-	2ACSR	0	0	485	141	12	1	1	0.00	7.58	0
CO1767507963	CO1978942424	7.53	1 1-	2ACSR	0	0	473	140	1	0	0	0.00	7.58	0
CO1087812468	CO1978942424	7.42	3 1-	2ACSR	0	0	480	140	11	1	1	0.00	7.58	0
CO4728	CO1087812468	7.50	3 1-	2ACSR	0	0	475	140	11	1	1	0.00	7.59	0
CO4729	CO4728	7.56	3 1-	2ACSR	0	0	471	140	11	1	1	0.00	7.59	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4730	CO4729	7.62	2 1-	2ACSR	0	0	467	139	5	0	0	0.00	7.59	0
CO4731	CO4730	7.77	2 1-	2ACSR	0	0	457	139	5	0	0	0.00	7.60	0
CO4732	CO4731	7.83	1 1-	2ACSR	0	0	454	138	5	0	0	0.00	7.60	0
CO4686	CO4729	7.63	1 1-	2ACSR	0	0	466	139	6	0	0	0.00	7.59	0
CO252420913	CO1978942424	7.42	0 1-	2ACSR	0	0	480	141	0	0	0	0.00	7.58	0
CO4685	CO4723	7.44	1 1-	2ACSR	0	0	479	140	0	0	0	0.00	7.58	0
CO4720	CO4683	7.15	1 1-	2ACSR	0	0	499	142	1	0	0	0.00	7.54	0
CO4721	CO4720	7.20	1 1-	2ACSR	0	0	495	142	1	0	0	0.00	7.54	0
CO4722	CO4721	7.26	1 1-	2ACSR	0	0	491	141	1	0	0	0.00	7.54	0
CO4718	CO4683	7.02	1 1-	2ACSR	0	0	509	143	4	0	0	0.00	7.54	0
CO4719	CO4718	7.04	1 1-	2ACSR	0	0	507	143	4	0	0	0.00	7.54	0
CO4717	CO4719	7.06	1 1-	2ACSR	0	0	506	142	4	0	0	0.00	7.54	0
CO4716	CO4717	7.14	1 1-	2ACSR	0	0	500	142	4	0	0	0.00	7.54	0
CO4715	CO4716	7.18	1 1-	2ACSR	0	0	497	142	4	0	0	0.00	7.54	0
CO4684	CO4683	7.01	1 1-	2ACSR	0	0	510	143	0	0	0	0.00	7.54	0
CO4689	CO4712	6.40	1 1-	2ACSR	0	0	561	146	9	1	1	0.00	7.42	0
CO4706	CO4705	6.39	5 1-	2ACSR	0	0	562	146	19	2	2	0.01	7.40	0
CO4709	CO4706	6.41	2 1-	2ACSR	0	0	560	146	9	1	1	0.00	7.40	0
CO4710	CO4709	6.44	2 1-	2ACSR	0	0	557	146	9	1	1	0.00	7.40	0
CO4688	CO4710	6.49	1 1-	2ACSR	0	0	553	146	1	0	0	0.00	7.40	0
CO4707	CO4706	6.43	2 1-	2ACSR	0	0	558	146	8	1	1	0.00	7.40	0
CO4708	CO4707	6.49	0 1-	2ACSR	0	0	553	146	0	0	0	0.00	7.40	0
CO4699	OC2005028707	5.96	3 1-	2ACSR	0	0	605	149	6	0	0	0.00	7.23	0
CO4700	CO4699	6.05	3 1-	2ACSR	0	0	595	148	6	0	0	0.00	7.24	0
CO4701	CO4700	6.16	1 1-	2ACSR	0	0	585	147	2	0	0	0.00	7.24	0
CO4693	OC2005028707	5.96	4 1-	2ACSR	0	0	605	148	47	6	4	0.01	7.24	0
CO4695	CO4693	5.98	3 1-	2ACSR	0	0	603	148	14	1	1	0.00	7.24	0
CO4696	CO4695	6.03	3 1-	2ACSR	0	0	598	148	14	1	1	0.00	7.24	0
CO4694	CO4696	6.10	1 1-	2ACSR	0	0	590	148	10	1	1	0.00	7.24	0
CO4697	CO4694	6.14	0 1-	2ACSR	0	0	586	147	0	0	0	0.00	7.24	0
CO4698	CO4697	6.19	0 1-	2ACSR	0	0	581	147	0	0	0	0.00	7.24	0
CO6162	CO6127	5.74	1 1-	2ACSR	0	0	630	150	10	1	1	0.00	7.08	0
CO6192	CO6137	5.64	0 1-	2ACSR	0	0	641	150	0	0	0	0.00	7.01	0
CO6193	CO6192	5.68	0 1-	2ACSR	0	0	637	150	0	0	0	0.00	7.01	0
CO6190	CO6193	5.76	0 1-	2ACSR	0	0	628	150	0	0	0	0.00	7.01	0
CO6191	CO6190	5.80	0 1-	2ACSR	0	0	623	149	0	0	0	0.00	7.01	0
CO6163	CO6193	5.70	0 1-	2ACSR	0	0	634	150	0	0	0	0.00	7.01	0
CO6194	CO6196	5.40	1 1-	750 MCM - 42 Wi	0	0	677	152	0	0	0	0.00	6.81	0
CO6195	CO6194	5.42	1 1-	750 MCM - 42 Wi	0	0	676	152	0	0	0	0.00	6.81	0
CO6152	CO6124	5.18	0 1-	2ACSR	0	0	702	153	0	0	0	0.00	6.61	0
CO6151	CO6121	5.20	1 1-	2ACSR	0	0	699	153	9	1	1	0.00	6.51	0
CO-300298428	CO6198	4.90	1 1-	2ACSR	0	0	744	155	12	1	1	0.00	6.33	0
CO-1603317638	CO-300298428	4.94	1 1-	2ACSR	0	0	737	155	12	1	1	0.00	6.33	0
CO-827276485	CO-300298428	5.00	0 1-	2ACSR	0	0	729	154	0	0	0	0.00	6.33	0
CO5755	CO5735	4.12	2 1-	4ACSR	0	0	887	159	2	0	0	0.00	5.14	0
CO5864	CO5738	3.72	2 1-	4ACSR	0	0	990	162	15	2	1	0.01	4.55	0
CO5865	CO5864	3.75	1 1-	4ACSR	0	0	978	162	13	1	1	0.00	4.55	0
CO5754	CO5738	3.65	0 1-	4ACSR	0	0	1014	163	0	0	0	0.00	4.54	0
CO-127181064	CO5853	3.40	0 1-	2ACSR	0	0	1091	164	0	0	0	0.00	4.22	0
CO5838	CO5725	2.96	4 1-	6ACWC	0	0	1212	166	22	3	2	0.01	3.81	0
CO5836	CO5838	2.99	1 1-	6ACWC	0	0	1193	165	5	0	0	0.00	3.81	0
CO5837	CO5836	3.07	1 1-	6ACWC	0	0	1154	165	5	0	0	0.00	3.82	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5835	CO5838	3.02	1 1-	4ACSR	0	0	1179	165	15	2	1	0.00	3.82	0
CO5822	CO5726	2.56	3 1-	4ACSR	0	0	1364	168	18	2	2	0.01	3.46	0
CO5823	CO5822	2.60	2 1-	4ACSR	0	0	1333	167	6	0	1	0.00	3.46	0
CO5818	CO5727	2.47	6 1-	4ACSR	0	0	1398	168	41	5	4	0.03	3.38	0
CO5819	CO5818	2.54	3 1-	4ACSR	0	0	1348	167	29	4	3	0.01	3.39	0
CO5820	CO5819	2.60	1 1-	4ACSR	0	0	1312	167	8	1	1	0.00	3.39	0
CO5794	CO5728	2.29	110 1-	2ACSR	0	0	1519	170	633	88	49	0.14	3.40	136
CO5795	CO5794	2.53	110 1-	2ACSR	0	0	1377	168	633	88	49	0.68	4.08	669
CO5879	CO5795	2.54	108 1-	2ACSR	0	0	1373	168	616	86	48	0.02	4.10	17
OC168	CO5879	2.54	108 1-	50 H OCR	0	0	1373	168	616	86	172	0.00	4.10	0
CO5880	OC168	2.57	108 1-	2ACSR	0	0	1354	168	616	86	48	0.10	4.20	93
CO5800	CO5880	2.78	108 1-	2ACSR	0	0	1256	166	615	86	48	0.55	4.75	535
CO5801	CO5800	2.94	108 1-	2ACSR	0	0	1187	165	613	86	48	0.44	5.19	428
CO5802	CO5801	3.17	108 1-	2ACSR	0	0	1102	163	611	86	48	0.62	5.81	596
CO5749	CO5802	3.20	1 1-	2ACSR	0	0	1089	163	0	0	0	0.00	5.81	0
CO5730	CO5802	3.26	107 1-	2ACSR	0	0	1070	163	608	86	48	0.26	6.07	248
CO5806	CO5730	3.33	105 1-	2ACSR	0	0	1048	162	595	84	47	0.18	6.24	168
CO5807	CO5806	3.37	104 1-	2ACSR	0	0	1034	162	594	84	47	0.12	6.37	119
CO5814	CO5807	3.42	97 1-	2ACSR	0	0	1019	162	582	82	46	0.13	6.50	120
CO5815	CO5814	3.58	96 1-	2ACSR	0	0	973	161	581	82	46	0.41	6.91	385
CO5816	CO5815	3.81	96 1-	2ACSR	0	0	914	159	580	82	46	0.59	7.50	553
CO5817	CO5816	3.87	94 1-	2ACSR	0	0	901	159	560	80	45	0.14	7.65	130
CO8330	CO5817	4.13	94 1-	2ACSR	0	0	842	157	559	80	45	0.67	8.31	605
CO6213	CO8330	4.15	94 1-	2ACSR	0	0	838	157	557	80	45	0.04	8.36	41
CO6313	CO6213	4.19	94 1-	2ACSR	0	0	830	157	556	80	45	0.10	8.46	89
CO6314	CO6313	4.24	93 1-	2ACSR	0	0	821	157	544	78	44	0.12	8.58	107
CO6216	CO6314	4.38	93 1-	2ACSR	0	0	793	156	544	78	44	0.36	8.93	318
CO6290	CO6216	4.54	3 1-	2ACSR	0	0	765	155	35	4	3	0.02	8.95	0
CO6291	CO6290	4.61	1 1-	2ACSR	0	0	753	154	7	1	1	0.00	8.95	0
CO6138	CO6290	4.58	1 1-	2ACSR	0	0	759	154	14	1	1	0.00	8.95	0
CO6217	CO6216	4.46	90 1-	2ACSR	0	0	779	155	508	73	41	0.18	9.12	152
CO6218	CO6217	4.48	88 1-	2ACSR	0	0	776	155	506	73	41	0.04	9.15	30
CO6219	CO6218	4.62	88 1-	2ACSR	0	0	753	154	506	73	41	0.32	9.47	262
CO6220	CO6219	4.63	88 1-	2ACSR	0	0	751	154	504	73	41	0.02	9.49	19
CO6221	CO6220	4.85	87 1-	2ACSR	0	0	716	153	501	72	41	0.51	10.00	421
CO6113	CO6221	4.95	87 1-	2ACSR	0	0	701	152	499	72	41	0.23	10.22	186
CO6112	CO6113	5.18	85 1-	2ACSR	0	0	670	151	490	71	40	0.51	10.73	415
REG249	CO6112	5.18	85 1-	50	0	0	670	151	489	71	144	-10.73	0.00	0
CO6274	REG249	5.26	85 1-	2ACSR	0	0	659	150	489	65	37	0.17	0.17	125
OC-478390902	CO6274	5.26	85 1-	20 N FUSE	0	0	659	150	488	65	329	0.00	0.17	0
CO6275	OC-478390902	5.33	85 1-	2ACSR	0	0	649	150	488	65	37	0.16	0.32	117
CO6276	CO6275	5.44	84 1-	2ACSR	0	0	636	149	487	65	37	0.22	0.54	164
CO6111	CO6276	5.55	82 1-	2ACSR	0	0	623	149	480	64	36	0.23	0.77	169
CO6110	CO6111	5.89	78 1-	2ACSR	0	0	587	147	435	58	33	0.61	1.38	407
CO6339	CO6110	5.90	54 1-	2ACSR	0	0	586	147	293	39	22	0.01	1.39	4
OC184	CO6339	5.90	54 1-	35 H OCR	0	0	586	147	293	39	114	0.00	1.39	0
CO6340	OC184	5.96	54 1-	2ACSR	0	0	580	146	293	39	22	0.08	1.47	37
CO6338	CO6340	6.04	53 1-	2ACSR	0	0	572	146	292	39	22	0.10	1.57	44
CO6311	CO6338	6.11	51 1-	2ACSR	0	0	565	146	280	38	21	0.08	1.65	36
CO6312	CO6311	6.34	49 1-	2ACSR	0	0	545	144	271	37	21	0.26	1.91	108
CO6241	CO6312	6.39	49 1-	2ACSR	0	0	540	144	271	37	21	0.07	1.98	28
CO6120	CO6241	7.00	49 1-	2ACSR	0	0	492	141	271	37	21	0.70	2.67	294

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8345	CO6120	7.08	3 1-	2ACSR	0	0	487	140	10	1	1	0.00	2.68	0
CO8346	CO8345	7.18	1 1-	2ACSR	0	0	479	140	2	0	0	0.00	2.68	0
CO8338	CO6120	7.07	46 1-	2ACSR	0	0	487	140	259	35	20	0.08	2.75	32
CO7343	CO8338	7.42	46 1-	2ACSR	0	0	464	139	259	35	20	0.38	3.13	155
CO8369	CO7343	7.57	37 1-	2ACSR	0	0	454	138	242	33	19	0.16	3.30	61
CO7764	CO8369	7.72	36 1-	2ACSR	0	0	446	137	241	33	18	0.15	3.44	56
CO8353	CO7764	7.89	35 1-	2ACSR	0	0	436	136	238	32	18	0.18	3.62	66
CO6794	CO8353	7.92	35 1-	2ACSR	0	0	434	136	238	32	18	0.04	3.66	13
CO6795	CO6794	8.00	35 1-	2ACSR	0	0	430	136	238	32	18	0.08	3.73	29
CO6793	CO6795	8.02	35 1-	2ACSR	0	0	428	136	237	32	18	0.02	3.75	8
CO6792	CO6793	8.07	34 1-	2ACSR	0	0	426	135	227	31	17	0.05	3.80	17
CO6796	CO6792	8.16	34 1-	2ACSR	0	0	421	135	227	31	17	0.09	3.89	33
CO6797	CO6796	8.26	34 1-	2ACSR	0	0	416	134	227	31	17	0.09	3.98	33
CO6798	CO6797	8.29	33 1-	2ACSR	0	0	414	134	216	29	17	0.03	4.02	10
CO6836	CO6798	8.40	33 1-	2ACSR	0	0	409	134	216	29	17	0.10	4.12	35
CO6837	CO6836	8.49	32 1-	2ACSR	0	0	404	133	212	29	16	0.08	4.19	25
CO6799	CO6837	8.63	31 1-	2ACSR	0	0	398	133	206	28	16	0.12	4.32	39
CO6464	CO6799	8.70	1 1-	2ACSR	0	0	394	132	16	2	1	0.00	4.32	0
CO6396	CO6799	8.70	29 1-	2ACSR	0	0	394	132	181	25	14	0.06	4.37	16
CO6465	CO6396	8.77	1 1-	2ACSR	0	0	391	132	5	0	0	0.00	4.37	0
CO6397	CO6396	8.83	28 1-	2ACSR	0	0	388	132	176	24	14	0.10	4.47	28
CO6800	CO6397	8.89	7 1-	2ACSR	0	0	386	131	24	3	2	0.01	4.48	0
CO6801	CO6800	8.95	5 1-	2ACSR	0	0	383	131	21	2	2	0.00	4.48	0
CO6521	CO6801	9.02	4 1-	2ACSR	0	0	380	131	20	2	2	0.01	4.49	0
CO6523	CO6521	9.19	3 1-	2ACSR	0	0	373	130	14	1	1	0.01	4.50	0
CO6522	CO6523	9.29	3 1-	2ACSR	0	0	369	130	14	1	1	0.00	4.50	0
CO6398	CO6397	8.91	21 1-	2ACSR	0	0	385	131	152	21	12	0.05	4.52	11
CO6466	CO6398	8.97	2 1-	2ACSR	0	0	382	131	12	1	1	0.00	4.52	0
CO-1102110201	CO6398	8.96	17 1-	2ACSR	0	0	383	131	119	16	9	0.03	4.55	6
CO1742816118	CO-1102110201	9.07	0 1-	2ACSR	0	0	378	131	0	0	0	0.00	4.55	0
CO-269452926	CO-1102110201	8.98	17 1-	2ACSR	0	0	382	131	119	16	9	0.01	4.55	0
CO6803	CO-269452926	9.01	17 1-	2ACSR	0	0	380	131	119	16	9	0.02	4.57	3
CO6804	CO6803	9.06	16 1-	2ACSR	0	0	379	131	113	15	9	0.02	4.59	4
CO6827	CO6804	9.28	16 1-	2ACSR	0	0	369	130	113	15	9	0.11	4.70	19
CO6828	CO6827	9.32	16 1-	2ACSR	0	0	368	130	113	15	9	0.02	4.72	4
CO6467	CO6828	9.42	1 1-	2ACSR	0	0	364	129	14	1	1	0.00	4.73	0
CO6399	CO6828	9.44	15 1-	2ACSR	0	0	363	129	98	13	8	0.05	4.77	8
CO6710	CO6399	9.48	13 1-	2ACSR	0	0	361	129	77	10	6	0.01	4.78	0
CO6711	CO6710	9.72	11 1-	2ACSR	0	0	352	128	71	9	5	0.07	4.86	8
CO6527	CO6711	10.14	1 1-	2ACSR	0	0	338	126	10	1	1	0.02	4.88	0
CO6528	CO6527	10.21	1 1-	2ACSR	0	0	335	126	10	1	1	0.00	4.88	0
CO6524	CO6711	9.80	10 1-	2ACSR	0	0	350	127	61	8	5	0.02	4.88	0
CO6526	CO6524	9.84	8 1-	2ACSR	0	0	348	127	56	7	4	0.01	4.89	0
CO6525	CO6526	9.95	8 1-	2ACSR	0	0	344	127	56	7	4	0.03	4.91	2
CO6821	CO6525	10.05	7 1-	2ACSR	0	0	341	126	51	7	4	0.02	4.93	0
CO6822	CO6821	10.14	6 1-	2ACSR	0	0	337	126	45	6	3	0.02	4.95	0
CO6529	CO6822	10.21	6 1-	2ACSR	0	0	335	126	45	6	3	0.01	4.96	0
CO6536	CO6529	10.25	6 1-	2ACSR	0	0	334	125	45	6	3	0.01	4.97	0
CO6530	CO6536	10.32	3 1-	2ACSR	0	0	331	125	29	4	2	0.01	4.98	0
CO6535	CO6530	10.42	3 1-	2ACSR	0	0	328	125	29	4	2	0.01	4.99	0
CO6531	CO6535	10.48	3 1-	2ACSR	0	0	326	124	29	4	2	0.01	5.00	0
CO6534	CO6531	10.64	3 1-	2ACSR	0	0	322	124	29	4	2	0.02	5.02	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6532	CO6534	10.70	3 1-	2ACSR	0	0	320	124	29	4	2	0.01	5.03	0
CO6533	CO6532	10.74	3 1-	2ACSR	0	0	318	123	29	4	2	0.00	5.03	0
CO8335	CO6533	10.85	3 1-	2ACSR	0	0	315	123	29	4	2	0.01	5.05	0
CO6052	CO8335	10.93	3 1-	2ACSR	0	0	313	123	29	4	2	0.01	5.05	0
CO6053	CO6052	10.99	1 1-	2ACSR	0	0	311	122	15	2	1	0.00	5.06	0
CO6054	CO6053	11.06	1 1-	2ACSR	0	0	309	122	15	2	1	0.00	5.06	0
CO6055	CO6054	11.12	1 1-	2ACSR	0	0	307	122	15	2	1	0.00	5.06	0
CO5952	CO6052	10.98	1 1-	2ACSR	0	0	311	122	10	1	1	0.00	5.06	0
CO6662	CO6525	10.03	0 1-	2ACSR	0	0	341	126	0	0	0	0.00	4.91	0
CO6663	CO6662	10.11	0 1-	2ACSR	0	0	339	126	0	0	0	0.00	4.91	0
CO6468	CO6399	9.54	1 1-	2ACSR	0	0	359	129	5	0	0	0.00	4.77	0
CO6660	CO6399	9.47	1 1-	2ACSR	0	0	362	129	16	2	1	0.00	4.77	0
CO6661	CO6660	9.54	1 1-	2ACSR	0	0	359	129	16	2	1	0.00	4.77	0
CO6463	CO6797	8.32	1 1-	2ACSR	0	0	413	134	10	1	1	0.00	3.99	0
CO6462	CO6792	8.15	0 1-	2ACSR	0	0	422	135	0	0	0	0.00	3.80	0
CO7311	CO7343	7.52	8 1-	2ACSR	0	0	457	138	16	2	1	0.01	3.14	0
CO7342	CO7311	7.64	7 1-	2ACSR	0	0	450	138	10	1	1	0.00	3.15	0
CO7339	CO7342	7.69	6 1-	2ACSR	0	0	447	137	10	1	1	0.00	3.15	0
CO7341	CO7339	7.82	6 1-	2ACSR	0	0	440	137	10	1	1	0.01	3.15	0
CO7340	CO7341	7.89	6 1-	2ACSR	0	0	435	136	10	1	1	0.00	3.16	0
CO7404	CO7340	7.91	6 1-	2ACSR	0	0	435	136	10	1	1	0.00	3.16	0
CO7405	CO7404	7.95	5 1-	2ACSR	0	0	432	136	9	1	1	0.00	3.16	0
CO8371	CO7405	8.08	2 1-	2ACSR	0	0	425	135	3	0	0	0.00	3.16	0
CO7643	CO8371	8.14	2 1-	2ACSR	0	0	422	135	3	0	0	0.00	3.16	0
CO7312	CO7405	8.06	3 1-	2ACSR	0	0	426	135	5	0	0	0.00	3.16	0
CO7376	CO7312	8.12	1 1-	2ACSR	0	0	423	135	0	0	0	0.00	3.16	0
CO7378	CO7376	8.23	0 1-	2ACSR	0	0	417	135	0	0	0	0.00	3.16	0
CO7377	CO7378	8.34	0 1-	2ACSR	0	0	412	134	0	0	0	0.00	3.16	0
CO7324	CO7312	8.10	2 1-	2ACSR	0	0	424	135	5	0	0	0.00	3.16	0
CO8372	CO7324	8.13	0 1-	2ACSR	0	0	423	135	0	0	0	0.00	3.16	0
CO7535	CO8372	8.14	0 1-	2ACSR	0	0	422	135	0	0	0	0.00	3.16	0
CO7382	CO7324	8.12	1 1-	2ACSR	0	0	423	135	4	0	0	0.00	3.16	0
CO7431	CO7382	8.13	1 1-	2ACSR	0	0	423	135	4	0	0	0.00	3.16	0
CO7432	CO7431	8.17	1 1-	2ACSR	0	0	421	135	4	0	0	0.00	3.16	0
CO8377	CO7432	8.30	1 1-	2ACSR	0	0	414	134	4	0	0	0.00	3.16	0
CO7575	CO8377	8.36	0 1-	2ACSR	0	0	411	134	0	0	0	0.00	3.16	0
CO528091511	CO7575	8.45	0 1-	2ACSR	0	0	406	134	0	0	0	0.00	3.16	0
#SW-819138331-A	CO528091511	8.45	0 1-	Open	0	0	406	134	0	0	0	0.00	3.16	0
CO7317	CO7311	7.59	1 1-	2ACSR	0	0	453	138	7	0	1	0.00	3.14	0
CO6148	CO6311	6.15	2 1-	2ACSR	0	0	562	145	8	1	1	0.00	1.65	0
CO6269	CO6148	6.20	2 1-	1/0PRIURD	0	0	558	282	8	1	1	0.00	1.65	0
CO6239	CO6338	6.07	1 1-	2ACSR	0	0	569	146	12	1	1	0.00	1.57	0
CO6240	CO6239	6.11	1 1-	2ACSR	0	0	565	146	12	1	1	0.00	1.57	0
CO6176	CO6338	6.07	1 1-	2ACSR	0	0	569	146	0	0	0	0.00	1.57	0
CO6270	CO6110	5.96	21 1-	2ACSR	0	0	580	146	125	16	9	0.04	1.42	6
CO6271	CO6270	6.06	20 1-	2ACSR	0	0	570	146	106	14	8	0.04	1.46	7
CO6292	CO6271	6.08	4 1-	2ACSR	0	0	568	146	10	1	1	0.00	1.46	0
CO6354	CO6292	6.10	2 1-	2ACSR	0	0	567	146	2	0	0	0.00	1.46	0
CO6355	CO6354	6.14	1 1-	2ACSR	0	0	563	145	0	0	0	0.00	1.46	0
CO6178	CO6292	6.18	2 1-	2ACSR	0	0	559	145	9	1	1	0.00	1.46	0
CO6281	CO6271	6.10	16 1-	2ACSR	0	0	566	146	96	13	7	0.02	1.48	3
CO6299	CO6281	6.16	16 1-	2ACSR	0	0	561	145	96	13	7	0.02	1.50	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6300	CO6299	6.20	14 1-	2ACSR	0	0	557	145	67	9	5	0.01	1.51	0
CO6277	CO6300	6.22	13 1-	2ACSR	0	0	555	145	61	8	5	0.01	1.52	0
CO6344	CO6277	6.26	12 1-	2ACSR	0	0	552	145	53	7	4	0.01	1.52	0
CO6329	CO6344	6.29	0 1-	4ACSR	0	0	548	145	0	0	0	0.00	1.52	0
CO6328	CO6344	6.32	11 1-	2ACSR	0	0	546	144	53	7	4	0.01	1.54	0
CO6346	CO6328	6.43	11 1-	2ACSR	0	0	537	144	53	7	4	0.02	1.56	0
CO6327	CO6346	6.46	2 1-	2ACSR	0	0	534	144	6	0	0	0.00	1.56	0
CO6316	CO6327	6.50	2 1-	2ACSR	0	0	531	143	6	0	0	0.00	1.56	0
CO-1854412311	CO6346	6.44	9 1-	2ACSR	0	0	536	144	47	6	4	0.00	1.56	0
CO349530682	CO-1854412311	6.56	1 1-	2ACSR	0	0	526	143	6	0	0	0.00	1.57	0
CO189680783	CO-1854412311	6.45	8 1-	2ACSR	0	0	535	144	41	5	3	0.00	1.57	0
CO6324	CO189680783	6.47	8 1-	2ACSR	0	0	533	144	41	5	3	0.00	1.57	0
CO6345	CO6324	6.51	6 1-	2ACSR	0	0	530	143	39	5	3	0.01	1.58	0
CO6302	CO6345	6.57	5 1-	2ACSR	0	0	525	143	28	3	2	0.00	1.58	0
CO6282	CO6302	6.62	2 1-	2ACSR	0	0	521	143	8	1	1	0.00	1.58	0
CO6283	CO6282	6.70	0 1-	2ACSR	0	0	514	142	0	0	0	0.00	1.58	0
CO6301	CO6345	6.57	1 1-	1/0PRIURD	0	0	526	274	11	1	1	0.00	1.58	0
CO6325	CO6324	6.49	0 1-	2ACSR	0	0	531	143	0	0	0	0.00	1.57	0
CO6315	CO6325	6.55	0 1-	2ACSR	0	0	526	143	0	0	0	0.00	1.57	0
CO6284	CO6299	6.20	2 1-	4ACSR	0	0	556	145	29	3	3	0.01	1.51	0
CO6285	CO6284	6.23	1 1-	4ACSR	0	0	553	145	17	2	2	0.00	1.51	0
CO6237	CO6110	5.96	2 1-	2ACSR	0	0	579	146	7	0	1	0.00	1.38	0
CO6238	CO6237	5.98	1 1-	2ACSR	0	0	578	146	6	0	0	0.00	1.38	0
CO6236	CO6238	6.04	0 1-	2ACSR	0	0	572	146	0	0	0	0.00	1.38	0
CO6147	CO6238	6.01	1 1-	2ACSR	0	0	575	146	6	0	0	0.00	1.38	0
CO-273409755	CO6147	6.15	1 1-	2ACSR	0	0	562	145	6	0	0	0.00	1.39	0
CO6228	CO6111	5.62	4 1-	2ACSR	0	0	616	148	44	5	3	0.01	0.78	0
CO6229	CO6228	5.71	4 1-	2ACSR	0	0	606	148	44	5	3	0.02	0.80	0
CO6332	CO6229	5.72	2 1-	2ACSR	0	0	605	148	32	4	2	0.00	0.80	0
OC182	CO6332	5.72	2 1-	15 H OCR	0	0	605	148	32	4	29	0.00	0.80	0
CO6333	OC182	5.81	2 1-	2ACSR	0	0	595	147	32	4	2	0.01	0.81	0
CO6230	CO6333	5.86	2 1-	2ACSR	0	0	590	147	32	4	2	0.01	0.82	0
CO6231	CO6230	6.02	2 1-	2ACSR	0	0	574	146	32	4	2	0.02	0.83	0
CO6232	CO6231	6.09	1 1-	2ACSR	0	0	567	146	16	2	1	0.00	0.84	0
CO6233	CO6232	6.16	1 1-	2ACSR	0	0	560	145	16	2	1	0.00	0.84	0
CO6234	CO6233	6.22	1 1-	2ACSR	0	0	555	145	16	2	1	0.00	0.85	0
CO6235	CO6234	6.39	1 1-	2ACSR	0	0	540	144	16	2	1	0.01	0.85	0
CO6145	CO6232	6.15	0 1-	2ACSR	0	0	562	145	0	0	0	0.00	0.84	0
CO6146	CO6229	5.75	1 1-	2ACSR	0	0	601	148	0	0	0	0.00	0.80	0
CO6226	CO6276	5.55	1 1-	2ACSR	0	0	623	149	7	0	1	0.00	0.55	0
CO6227	CO6226	5.67	1 1-	2ACSR	0	0	610	148	7	0	1	0.00	0.55	0
CO6225	CO6227	5.84	1 1-	2ACSR	0	0	592	147	7	0	1	0.00	0.55	0
CO6140	REG249	5.36	0 1-	2ACSR	0	0	647	150	0	0	0	0.00	0.00	0
CO6139	CO6113	5.07	1 1-	2ACSR	0	0	684	152	5	0	0	0.00	10.23	0
CO6223	CO6221	4.91	0 1-	2ACSR	0	0	707	152	0	0	0	0.00	10.00	0
CO6224	CO6223	5.00	0 1-	2ACSR	0	0	694	152	0	0	0	0.00	10.00	0
CO6222	CO6224	5.04	0 1-	2ACSR	0	0	688	152	0	0	0	0.00	10.00	0
CO6214	CO6313	4.24	1 1-	2ACSR	0	0	820	157	12	1	1	0.00	8.46	0
CO6215	CO6214	4.28	1 1-	2ACSR	0	0	812	156	12	1	1	0.00	8.46	0
CO5757	CO5816	3.97	1 1-	2ACSR	0	0	878	158	16	2	1	0.01	7.51	0
CO5746	CO5816	3.89	1 1-	2ACSR	0	0	896	159	1	0	0	0.00	7.50	0
CO5808	CO5807	3.51	3 1-	2ACSR	0	0	994	161	2	0	0	0.00	6.37	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5809	CO5808	3.57	3 1-	2ACSR	0	0	975	161	2	0	0	0.00	6.37	0
CO5810	CO5809	3.68	3 1-	2ACSR	0	0	948	160	2	0	0	0.00	6.37	0
CO5811	CO5810	3.78	3 1-	2ACSR	0	0	920	159	2	0	0	0.00	6.37	0
CO5812	CO5811	3.90	1 1-	2ACSR	0	0	894	159	0	0	0	0.00	6.37	0
CO5813	CO5812	3.97	1 1-	2ACSR	0	0	877	158	0	0	0	0.00	6.37	0
CO5747	CO5807	3.45	3 1-	2ACSR	0	0	1012	162	9	1	1	0.00	6.37	0
CO5803	CO5730	3.28	2 1-	2ACSR	0	0	1062	163	12	1	1	0.00	6.07	0
CO5804	CO5803	3.29	2 1-	2ACSR	0	0	1059	163	12	1	1	0.00	6.07	0
CO5805	CO5804	3.35	1 1-	2ACSR	0	0	1042	162	5	0	0	0.00	6.07	0
CO5748	CO5804	3.35	1 1-	2ACSR	0	0	1040	162	6	0	0	0.00	6.07	0
CO5796	CO5795	2.60	2 1-	2ACSR	0	0	1337	167	14	1	1	0.00	4.09	0
CO5797	CO5796	2.74	2 1-	2ACSR	0	0	1273	166	14	1	1	0.01	4.09	0
CO5798	CO5797	2.97	2 1-	2ACSR	0	0	1175	165	14	1	1	0.01	4.11	0
CO5799	CO5798	3.04	1 1-	2ACSR	0	0	1147	164	12	1	1	0.00	4.11	0
CO5291	OC-453038052	1.10	41 3-	336ACSR	3222	3035	2676	176	238	10	2	0.01	1.26	3
CO5376	CO5291	1.17	0 3-	336ACSR	3151	2962	2602	176	0	0	0	0.00	1.26	0
CO5375	CO5376	1.29	0 3-	336ACSR	3040	2848	2487	176	0	0	0	0.00	1.26	0
SW1467466824-A	CO5375	1.29	0 3-	Open	3040	2848	2487	176	0	0	0	0.00	1.26	0
CO5297	CO5291	1.13	40 3-	336ACSR	3192	3004	2644	176	225	10	2	0.00	1.27	0
CO5485	CO5297	1.14	35 1-	6ACWC	0	0	2630	176	195	26	19	0.01	1.27	2
OC143	CO5485	1.14	35 1-	35 H OCR	0	0	2630	176	195	26	76	0.00	1.27	0
CO5486	OC143	1.17	35 1-	6ACWC	0	0	2571	175	195	26	19	0.03	1.31	11
CO5374	CO5486	1.28	35 1-	6ACWC	0	0	2361	174	195	26	19	0.13	1.44	41
CO5373	CO5374	1.36	34 1-	6ACWC	0	0	2227	173	193	26	19	0.09	1.53	29
CO5372	CO5373	1.45	34 1-	6ACWC	0	0	2081	172	193	26	19	0.11	1.64	35
CO5371	CO5372	1.51	29 1-	6ACWC	0	0	1997	172	153	20	15	0.05	1.69	12
CO5370	CO5371	1.69	27 1-	6ACWC	0	0	1777	170	138	18	13	0.15	1.84	33
CO5327	CO5370	1.86	1 1-	6ACWC	0	0	1607	168	2	0	0	0.00	1.84	0
CO5326	CO5370	1.79	1 1-	6ACWC	0	0	1676	169	11	1	1	0.00	1.84	0
CO5325	CO5370	1.79	1 1-	6ACWC	0	0	1676	169	5	0	1	0.00	1.84	0
CO5296	CO5370	1.80	24 1-	6ACWC	0	0	1662	169	119	16	12	0.08	1.92	15
CO5324	CO5296	1.85	0 1-	6ACWC	0	0	1616	168	0	0	0	0.00	1.92	0
CO5295	CO5296	1.94	24 1-	6ACWC	0	0	1531	167	119	16	12	0.10	2.02	20
CO5323	CO5295	1.99	1 1-	6ACWC	0	0	1490	167	18	2	2	0.00	2.02	0
CO5498	CO5295	2.04	23 1-	6ACWC	0	0	1454	166	101	13	10	0.06	2.08	9
CO5422	CO5498	2.13	23 1-	6ACWC	0	0	1383	166	101	13	10	0.06	2.14	9
CO5468	CO5422	2.25	2 1-	6ACWC	0	0	1304	164	5	0	1	0.00	2.14	0
CO5469	CO5468	2.32	0 1-	6ACWC	0	0	1260	164	0	0	0	0.00	2.14	0
CO5424	CO5422	2.20	21 1-	6ACWC	0	0	1334	165	96	13	9	0.04	2.18	7
CO5471	CO5424	2.21	2 1-	6ACWC	0	0	1326	165	3	0	0	0.00	2.18	0
CO5470	CO5471	2.28	2 1-	6ACWC	0	0	1286	164	3	0	0	0.00	2.18	0
CO5423	CO5424	2.21	19 1-	6ACWC	0	0	1330	165	92	12	9	0.00	2.18	0
CO5315	CO5423	2.29	19 1-	6ACWC	0	0	1275	164	92	12	9	0.05	2.23	7
CO5357	CO5315	2.39	1 1-	6ACWC	0	0	1220	163	8	1	1	0.00	2.23	0
CO5316	CO5315	2.38	18 1-	6ACWC	0	0	1227	163	84	11	8	0.04	2.27	6
CO5473	CO5316	2.40	2 1-	6ACWC	0	0	1214	163	1	0	0	0.00	2.27	0
CO5472	CO5473	2.45	0 1-	6ACWC	0	0	1188	162	0	0	0	0.00	2.27	0
CO5317	CO5316	2.47	16 1-	6ACWC	0	0	1175	162	84	11	8	0.04	2.31	5
CO5358	CO5317	2.53	1 1-	6ACWC	0	0	1145	162	13	1	1	0.00	2.32	0
CO5318	CO5317	2.54	13 1-	6ACWC	0	0	1139	162	50	6	5	0.02	2.34	0
CO5359	CO5318	2.61	4 1-	6ACWC	0	0	1105	161	11	1	1	0.00	2.34	0
CO5482	CO5318	2.67	8 1-	6ACWC	0	0	1078	160	38	5	4	0.03	2.37	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5360	CO5482	2.72	1 1-	6ACWC	0	0	1057	160	9	1	1	0.00	2.37	0
CO5428	CO5482	2.74	7 1-	6ACWC	0	0	1048	160	29	3	3	0.01	2.38	0
CO5427	CO5428	2.83	6 1-	6ACWC	0	0	1013	159	23	3	2	0.01	2.39	0
CO5425	CO5427	2.85	6 1-	6ACWC	0	0	1007	159	23	3	2	0.00	2.39	0
CO5426	CO5425	2.97	6 1-	6ACWC	0	0	960	158	23	3	2	0.02	2.41	0
CO5361	CO5426	3.04	1 1-	6ACWC	0	0	935	157	7	0	1	0.00	2.41	0
CO5430	CO5426	3.02	5 1-	6ACWC	0	0	943	157	16	2	2	0.00	2.41	0
CO5429	CO5430	3.12	5 1-	6ACWC	0	0	912	156	16	2	2	0.01	2.42	0
CO8321	CO5429	3.29	1 1-	6ACWC	0	0	858	155	3	0	0	0.00	2.42	0
CO8317	CO5429	3.22	4 1-	6ACWC	0	0	881	155	13	1	1	0.01	2.43	0
CO5767	CO8317	3.26	4 1-	6ACWC	0	0	869	155	13	1	1	0.00	2.43	0
CO5765	CO5767	3.33	2 1-	6ACWC	0	0	848	155	11	1	1	0.00	2.44	0
CO5766	CO5765	3.34	2 1-	6ACWC	0	0	845	154	11	1	1	0.00	2.44	0
CO5764	CO5766	3.42	1 1-	6ACWC	0	0	823	154	0	0	0	0.00	2.44	0
CO5763	CO5764	3.55	1 1-	6ACWC	0	0	790	153	0	0	0	0.00	2.44	0
CO5875	CO5763	3.56	0 1-	4ACSR	0	0	789	153	0	0	0	0.00	2.44	0
CO5753	CO5763	3.74	1 1-	6ACWC	0	0	747	151	0	0	0	0.00	2.44	0
OH168	CO5763	4.07	0 1-	6ACWC	0	0	682	148	0	0	0	0.00	2.44	0
OH169	OH168	4.48	0 1-	6ACWC	0	0	614	145	0	0	0	0.00	2.44	0
OH171	OH169	4.70	0 1-	6ACWC	0	0	585	143	0	0	0	0.00	2.44	0
SW173-A	OH171	4.70	0 1-	Open	0	0	585	143	0	0	0	0.00	2.44	0
CO5752	CO5767	3.30	2 1-	6ACWC	0	0	855	155	2	0	0	0.00	2.43	0
CO-762251945	CO5318	2.60	1 1-	2ACSR	0	0	1116	161	0	0	0	0.00	2.34	0
CO5443	CO5372	1.55	5 1-	6ACWC	0	0	1949	171	40	5	4	0.02	1.66	0
CO-2099069021	CO5443	1.59	1 1-	2ACSR	0	0	1908	171	12	1	1	0.00	1.66	0
CO5479	CO5443	1.56	4 1-	6ACWC	0	0	1935	171	29	3	3	0.00	1.66	0
CO5480	CO5479	1.63	3 1-	6ACWC	0	0	1853	171	29	3	3	0.01	1.67	0
CO5442	CO5480	1.67	2 1-	6ACWC	0	0	1804	170	19	2	2	0.00	1.68	0
CO5444	CO5442	1.74	1 1-	6ACWC	0	0	1725	169	15	2	1	0.00	1.68	0
CO5440	CO5297	1.24	5 1-	336 MCM ACSR 30	0	0	2544	176	29	3	1	0.00	1.27	0
CO5439	CO5440	1.31	4 1-	336 MCM ACSR 30	0	0	2473	176	29	3	1	0.00	1.27	0
CO5441	CO5439	1.36	2 1-	336 MCM ACSR 30	0	0	2435	175	22	2	1	0.00	1.27	0
CO1630746698	CO5441	1.44	1 1-	2ACSR	0	0	2320	175	13	1	1	0.00	1.27	0
CO5475	CO5367	1.01	1 1-	4ACSR	0	0	2692	175	6	0	1	0.00	1.25	0
CO5474	CO5475	1.02	1 1-	4ACSR	0	0	2664	175	6	0	1	0.00	1.26	0
CO5489	CO5365	0.70	13 1-	6ACWC	0	0	3362	177	39	5	4	0.00	0.82	0
OC145	CO5489	0.70	13 1-	10 N FUSE	0	0	3362	177	39	5	53	0.00	0.82	0
CO5490	OC145	0.84	13 1-	6ACWC	0	0	2958	176	39	5	4	0.03	0.85	0
CO5343	CO5490	0.92	2 1-	6ACWC	0	0	2740	175	5	0	0	0.00	0.85	0
CO-1844693248	CO5490	0.87	1 1-	2ACSR	0	0	2877	176	12	1	1	0.00	0.85	0
CO5308	CO5490	1.04	10 1-	6ACWC	0	0	2482	174	22	3	2	0.03	0.88	0
CO8316	CO5308	1.11	6 1-	6ACWC	0	0	2332	173	8	1	1	0.00	0.88	0
CO8320	CO8316	1.15	2 1-	6ACWC	0	0	2263	173	4	0	0	0.00	0.88	0
CO5769	CO8316	1.23	3 1-	6ACWC	0	0	2132	172	3	0	0	0.00	0.88	0
CO5770	CO5769	1.36	3 1-	6ACWC	0	0	1937	170	3	0	0	0.00	0.89	0
CO5771	CO5770	1.62	3 1-	6ACWC	0	0	1638	168	3	0	0	0.00	0.89	0
CO5772	CO5771	1.76	3 1-	6ACWC	0	0	1501	166	3	0	0	0.00	0.89	0
CO5773	CO5772	2.19	3 1-	6ACWC	0	0	1208	162	3	0	0	0.01	0.90	0
CO5774	CO5773	2.22	3 1-	6ACWC	0	0	1191	162	3	0	0	0.00	0.90	0
CO5776	CO5774	2.29	3 1-	1/0PRIURD	0	0	1170	363	3	0	0	0.00	0.90	0
CO5777	CO5776	2.37	2 1-	1/0PRIURD	0	0	1146	361	3	0	0	0.00	0.90	0
CO5775	CO5777	2.56	1 1-	1/0PRIURD	0	0	1092	356	3	0	0	0.00	0.90	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8315	CO5308	1.19	4 1-	6ACWC	0	0	2197	172	14	1	1	0.01	0.89	0
CO5768	CO8315	1.23	2 1-	6ACWC	0	0	2130	172	10	1	1	0.00	0.89	0
CO5873	CO5768	1.41	2 1-	6ACWC	0	0	1876	170	10	1	1	0.01	0.90	0
CO5874	CO5873	1.47	1 1-	6ACWC	0	0	1795	169	8	1	1	0.00	0.90	0
CO5739	CO8315	1.23	1 1-	6ACWC	0	0	2135	172	2	0	0	0.00	0.89	0
CO1854306361	CO-423970069	0.49	1 3-	2ACSR	4333	4226	3930	178	13	0	0	0.00	0.30	0
CO-1476451937	CO1854306361	0.54	1 3-	2ACSR	4193	4067	3755	178	13	0	0	0.00	0.30	0
CO5463	CO-423970069	0.44	6 1-	4ACSR	0	0	4090	179	18	2	2	0.00	0.31	0
CO5462	CO5463	0.51	6 1-	4ACSR	0	0	3813	178	18	2	2	0.01	0.31	0
CO5345	CO5462	0.54	1 1-	4ACSR	0	0	3662	177	7	0	1	0.00	0.31	0
CO5464	CO5462	0.56	1 1-	4ACSR	0	0	3589	177	2	0	0	0.00	0.31	0
CO-1606246390	CO-1660857539	0.00	0 3- 500	MCM ACSR 30	5513	5752	5817	180	0	0	0	0.00	0.00	0
OC-1576232584	CO-1606246390	0.00	0 3-	560 200WVE	5513	5752	5817	180	0	0	0	0.00	0.00	0
CO-734006800	OC-1576232584	0.00	0 3- 500	MCM ACSR 30	5511	5749	5814	180	0	0	0	0.00	0.00	0
SUB 0 total losses:		\$63,303												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0 RECTORVILLE SUB			2311		6065	6302	6354	180	13501					
CO22485	RECTORVILLE SUB	0.00	2311 3-	750 MCM - 42 Wi	6053	6285	6334	180	13501	610	53	0.01	0.01	72
CO22486	CO22485	0.01	2311 3-	750 MCM - 42 Wi	6042	6268	6315	180	13500	610	53	0.01	0.02	72
CO22489	CO22486	0.02	334 3-	750 MCM - 42 Wi	6003	6209	6249	180	2088	93	8	0.00	0.02	6
Owl Hollow	CO22489	0.02	334 3-	560 200WVE	6003	6209	6249	180	2088	93	17	0.00	0.02	0
CO22368	Owl Hollow	0.03	334 3-	4/0ACSR	5953	6131	6168	180	2088	93	28	0.01	0.03	32
CO22369	CO22368	0.13	334 3-	4/0ACSR	5601	5620	5616	179	2088	93	28	0.09	0.12	241
CO22370	CO22369	0.15	334 3-	4/0ACSR	5535	5530	5516	179	2087	93	28	0.02	0.14	48
CO22371	CO22370	0.19	334 3-	4/0ACSR	5378	5341	5284	179	2087	93	28	0.04	0.18	116
CO22279	CO22371	0.26	331 3-	4/0ACSR	5164	5099	4979	179	2042	92	27	0.06	0.24	163
CO23696	CO22279	0.29	329 3-	4/0ACSR	5064	4987	4840	179	2024	91	27	0.03	0.27	80
CO22787	CO23696	0.33	2 1-	2ACSR	0	0	4642	179	23	3	2	0.00	0.27	0
CO22878	CO23696	0.33	326 3-	4/0ACSR	4961	4871	4699	179	1998	90	27	0.03	0.30	84
CO22853	CO22878	0.39	11 1-	4ACSR	0	0	4380	178	96	12	9	0.03	0.33	5
CO22854	CO22853	0.42	10 1-	4ACSR	0	0	4223	178	85	11	8	0.01	0.35	0
CO22855	CO22854	0.47	8 1-	4ACSR	0	0	3963	177	73	9	7	0.02	0.37	2
CO23695	CO22855	0.51	6 1-	4ACSR	0	0	3802	177	53	7	5	0.01	0.38	0
CO22158	CO23695	0.55	4 1-	4ACSR	0	0	3637	176	26	3	2	0.00	0.38	0
CO22157	CO22158	0.57	3 1-	4ACSR	0	0	3560	176	13	1	1	0.00	0.38	0
CO22156	CO22157	0.58	2 1-	4ACSR	0	0	3496	176	2	0	0	0.00	0.38	0
CO22757	CO22854	0.43	1 1-	4ACSR	0	0	4165	178	2	0	0	0.00	0.35	0
CO22789	CO22878	0.36	315 3-	4/0ACSR	4867	4766	4573	179	1901	85	25	0.03	0.33	71
CO22788	CO22789	0.39	313 3-	4/0ACSR	4805	4697	4491	179	1877	84	25	0.02	0.35	47
CO22791	CO22788	0.44	313 3-	4/0ACSR	4657	4534	4299	179	1876	84	25	0.05	0.40	117
CO22790	CO22791	0.56	313 3-	4/0ACSR	4386	4239	3960	178	1876	84	25	0.09	0.49	234
CO22760	CO22790	0.65	0 1-	4ACSR	0	0	3585	177	0	0	0	0.00	0.49	0
CO22759	CO22790	0.65	1 1-	4ACSR	0	0	3585	177	15	2	1	0.00	0.50	0
CO22795	CO22790	0.67	312 3-	4/0ACSR	4144	3978	3669	178	1860	84	25	0.09	0.59	231
CO22796	CO22795	0.88	312 3-	4/0ACSR	3759	3573	3230	177	1859	84	25	0.17	0.76	423
CO22794	CO22796	1.11	312 3-	4/0ACSR	3411	3213	2856	177	1857	84	25	0.19	0.95	461
CO22797	CO22794	1.30	312 3-	4/0ACSR	3165	2963	2603	176	1855	84	25	0.16	1.10	382
CO22793	CO22797	1.38	311 3-	4/0ACSR	3062	2861	2501	176	1840	83	25	0.07	1.17	175
CO22792	CO22793	1.46	310 3-	4/0ACSR	2983	2781	2423	176	1839	83	25	0.06	1.23	144
CO22800	CO22792	1.53	308 3-	4/0ACSR	2903	2702	2345	176	1819	82	24	0.06	1.29	149
CO22801	CO22800	1.61	308 3-	4/0ACSR	2828	2627	2273	175	1819	82	24	0.06	1.35	147
CO22798	CO22801	1.74	306 3-	4/0ACSR	2706	2511	2157	175	1801	81	24	0.10	1.46	252
CO22799	CO22798	1.81	305 3-	4/0ACSR	2645	2454	2100	175	1796	81	24	0.06	1.51	133
CO30564	CO22799	1.87	305 3-	4/0ACSR	2594	2406	2052	175	1796	81	24	0.05	1.56	116
CO22810	CO30564	1.88	303 3-	4/0ACSR	2585	2397	2043	175	1770	80	24	0.01	1.57	21
CO22809	CO22810	1.95	303 3-	4/0ACSR	2530	2346	1993	174	1770	80	24	0.05	1.62	128
CO22743	CO22809	2.01	294 3-	4/0ACSR	2484	2303	1950	174	1729	78	23	0.05	1.67	108
CO22815	CO22743	2.06	294 3-	4/0ACSR	2450	2271	1920	174	1728	78	23	0.03	1.71	80
CO22814	CO22815	2.15	293 3-	4/0ACSR	2380	2206	1857	174	1721	78	23	0.07	1.78	173
CO22813	CO22814	2.22	292 3-	4/0ACSR	2333	2162	1814	174	1720	78	23	0.05	1.83	122
CO22816	CO22813	2.29	292 3-	4/0ACSR	2289	2120	1775	173	1719	78	23	0.05	1.89	120
CO22812	CO22816	2.59	292 3-	4/0ACSR	2110	1953	1617	173	1719	78	23	0.23	2.12	535
CO22817	CO22812	2.65	292 3-	4/0ACSR	2079	1925	1591	172	1716	78	23	0.04	2.16	100
CO22821	CO22817	2.74	24 3-	1/0ACSR	2021	1872	1542	172	281	12	6	0.02	2.18	8
SW1-A	CO22821	2.74	24 3-	Closed	2021	1872	1542	172	281	12	0	0.00	2.18	0
SW1-B	SW1-A	2.74	24 3-	Closed	2021	1872	1542	172	281	12	0	0.00	2.18	0
CO22820	SW1-B	2.87	24 3-	1/0AAC	1949	1807	1480	171	281	12	5	0.03	2.21	12

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1902510789	CO22820	2.87	23 3-	20 N FUSE	1949	1807	1480	171	274	12	62	0.00	2.21	0
CO1144357358	OC-1902510789	3.02	23 3-	1/0AAAC	1873	1738	1416	171	274	12	5	0.03	2.24	13
CO22822	CO1144357358	3.17	23 3-	1/0ACSR	1793	1666	1350	170	274	12	5	0.03	2.27	13
CO22823	CO22822	3.39	23 3-	1/0ACSR	1688	1571	1266	169	274	12	5	0.05	2.31	19
CO23227	CO22823	3.46	23 3-	1/0ACSR	1657	1542	1241	168	274	12	5	0.01	2.33	6
CO23158	CO23227	3.79	23 3-	1/0ACSR	1523	1421	1135	167	274	12	5	0.07	2.40	29
CO23157	CO23158	3.87	23 3-	1/0ACSR	1491	1391	1109	166	273	12	5	0.02	2.42	8
CO-969913368	CO23157	4.04	23 3-	1/0ACSR	1433	1338	1064	166	273	12	5	0.04	2.45	15
CO1311691612	CO-969913368	4.09	19 1-	2ACSR	0	0	1050	165	91	12	7	0.02	2.47	3
CO-1026502091	CO1311691612	4.12	19 1-	2ACSR	0	0	1038	165	91	12	7	0.01	2.49	0
OC656923649	CO-1026502091	4.12	19 1-	20 N FUSE	0	0	1038	165	91	12	62	0.00	2.49	0
CO23101	OC656923649	4.24	19 1-	4ACSR	0	0	997	164	91	12	9	0.06	2.55	8
CO23232	CO23101	4.29	1 1-	4ACSR	0	0	980	163	11	1	1	0.00	2.55	0
CO23231	CO23232	4.31	1 1-	4ACSR	0	0	976	163	11	1	1	0.00	2.55	0
CO23162	CO23101	4.50	16 1-	4ACSR	0	0	915	161	65	8	6	0.10	2.65	11
CO23161	CO23162	4.54	16 1-	4ACSR	0	0	905	161	64	8	6	0.01	2.66	0
CO23159	CO23161	4.67	15 1-	4ACSR	0	0	868	160	62	8	6	0.05	2.71	5
OC878077373	CO23159	4.67	14 1-	20 N FUSE	0	0	868	160	61	8	42	0.00	2.71	0
CO23160	OC878077373	4.75	14 1-	4ACSR	0	0	845	159	61	8	6	0.03	2.74	3
CO23103	CO23160	4.83	14 1-	4ACSR	0	0	826	158	61	8	6	0.03	2.77	3
CO845645207	CO23103	4.88	14 1-	4ACSR	0	0	814	158	61	8	6	0.02	2.79	0
CO1779354015	CO845645207	5.06	14 1-	4ACSR	0	0	774	156	61	8	6	0.07	2.86	7
CO23128	CO1779354015	5.22	14 1-	4ACSR	0	0	740	155	61	8	6	0.06	2.92	6
CO23164	CO23128	5.29	13 1-	4ACSR	0	0	725	154	60	8	6	0.02	2.94	0
CO23163	CO23164	5.46	10 1-	4ACSR	0	0	693	153	42	5	4	0.04	2.98	3
CO23129	CO23163	5.55	1 1-	4ACSR	0	0	678	152	1	0	0	0.00	2.98	0
CO23105	CO23163	5.61	8 1-	4ACSR	0	0	667	151	38	5	4	0.03	3.02	0
CO23130	CO23105	5.73	1 1-	4ACSR	0	0	648	150	7	0	1	0.00	3.02	0
CO23106	CO23105	5.73	6 1-	4ACSR	0	0	648	150	27	3	3	0.02	3.03	0
CO23234	CO23106	5.83	1 1-	4ACSR	0	0	632	149	0	0	0	0.00	3.03	0
CO23233	CO23234	5.94	0 1-	4ACSR	0	0	617	149	0	0	0	0.00	3.03	0
CO23107	CO23106	5.83	5 1-	4ACSR	0	0	632	149	27	3	3	0.02	3.05	0
CO23270	CO23107	6.16	4 1-	4ACSR	0	0	586	147	27	3	3	0.05	3.10	0
CO23261	CO23270	6.21	3 1-	4ACSR	0	0	579	146	23	3	2	0.01	3.11	0
CO23134	CO23261	6.27	2 1-	4ACSR	0	0	572	146	13	1	1	0.00	3.11	0
CO23178	CO23134	6.25	1 1-	4ACSR	0	0	574	146	10	1	1	0.00	3.11	0
CO-371329118	CO23178	6.30	0 1-	4ACSR	0	0	569	146	0	0	0	0.00	3.11	0
CO26951049	CO-371329118	6.36	0 1-	4ACSR	0	0	562	145	0	0	0	0.00	3.11	0
CO23131	CO23107	5.89	1 1-	4ACSR	0	0	623	149	0	0	0	0.00	3.05	0
CO-521739218	CO845645207	4.91	0 1-	4ACSR	0	0	808	158	0	0	0	0.00	2.79	0
CO23126	CO23160	4.80	0 1-	4ACSR	0	0	833	158	0	0	0	0.00	2.74	0
CO1246845140	CO-969913368	4.10	4 3-	1/0ACSR	1413	1320	1049	165	182	8	4	0.01	2.46	2
CO-359398303	CO1246845140	4.14	1 3-	1/0ACSR	1401	1310	1040	165	166	7	3	0.00	2.47	0
CO-360110062	CO-359398303	4.15	1 3-	1/0ACSR	1396	1305	1035	165	166	7	3	0.00	2.47	0
210112005	CO-360110062	4.15	1 3-	Consumer	1396	1305	1035	165	166	7	0	0.00	2.47	0
CO-1106469593	CO1246845140	4.15	0 1-	2ACSR	0	0	1034	165	0	0	0	0.00	2.46	0
CO23228	CO1246845140	4.23	2 1-	4ACSR	0	0	1003	164	5	0	1	0.00	2.46	0
CO23229	CO23228	4.30	1 1-	4ACSR	0	0	978	163	0	0	0	0.00	2.46	0
CO23152	CO1246845140	4.16	1 1-	2ACSR	0	0	1031	165	11	1	1	0.00	2.46	0
CO-949620761	CO22820	2.88	1 1-	4ACSR	0	0	1476	171	7	0	1	0.00	2.21	0
CO22861	CO-949620761	2.93	1 1-	4ACSR	0	0	1439	171	7	0	1	0.00	2.21	0
CO22860	CO22861	2.99	1 1-	4ACSR	0	0	1402	170	7	0	1	0.00	2.21	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22862	CO22860	3.05	1 1-	4ACSR	0	0	1362	169	7	0	1	0.00	2.21	0
CO22859	CO22862	3.14	1 1-	4ACSR	0	0	1309	168	7	0	1	0.00	2.22	0
CO22811	CO22817	2.76	268 3-	4/0ACSR	2020	1871	1540	172	1435	65	19	0.07	2.23	140
OC-176889844	CO22811	2.76	267 3-	20 N FUSE	2020	1871	1540	172	1432	65	327	0.00	2.23	0
CO22818	OC-176889844	2.86	267 3-	4/0ACSR	1972	1825	1499	172	1432	65	19	0.06	2.29	123
CO22819	CO22818	3.01	267 3-	4/0ACSR	1904	1762	1441	171	1432	65	19	0.09	2.39	181
CO22744	CO22819	3.10	267 3-	4/0ACSR	1865	1726	1408	171	1431	65	19	0.06	2.44	111
CO22745	CO22744	3.23	267 3-	4/0ACSR	1809	1675	1362	171	1430	65	19	0.09	2.53	165
CO22883	CO22745	3.24	63 1-	4ACSR	0	0	1358	171	274	37	27	0.01	2.54	5
OC698	CO22883	3.24	63 1-	50 L OCR	0	0	1358	171	274	37	0	0.00	2.54	0
CO22884	OC698	3.35	63 1-	4ACSR	0	0	1297	170	274	37	27	0.18	2.72	81
CO22827	CO22884	3.48	62 1-	4ACSR	0	0	1229	168	268	36	26	0.22	2.94	95
CO22828	CO22827	3.65	62 1-	4ACSR	0	0	1149	166	268	36	26	0.28	3.22	124
CO22767	CO22828	3.75	1 1-	4ACSR	0	0	1108	165	0	0	0	0.00	3.22	0
CO22829	CO22828	3.99	61 1-	4ACSR	0	0	1012	163	267	36	26	0.56	3.79	247
CO22885	CO22829	4.23	61 1-	4ACSR	0	0	933	161	266	36	26	0.38	4.17	168
CO22832	CO22885	4.29	60 1-	4ACSR	0	0	913	160	261	36	26	0.10	4.28	43
CO1683754522	CO22832	4.38	59 1-	4ACSR	0	0	885	159	243	33	24	0.14	4.42	57
OC-258606013	CO1683754522	4.38	59 1-	20 N FUSE	0	0	885	159	243	33	169	0.00	4.42	0
CO765392547	OC-258606013	5.39	2 1-	2ACSR	0	0	703	153	8	1	1	0.02	4.43	0
OC-1068439364	CO765392547	5.39	0 1-	20 N FUSE	0	0	703	153	0	0	0	0.00	4.43	0
CO-486581547	OC-258606013	4.47	57 1-	4ACSR	0	0	861	158	235	32	23	0.13	4.55	50
CO22831	CO-486581547	4.56	57 1-	4ACSR	0	0	838	158	235	32	23	0.13	4.67	49
CO22771	CO22831	4.59	1 1-	4ACSR	0	0	831	157	11	1	1	0.00	4.67	0
CO22835	CO22831	4.69	56 1-	4ACSR	0	0	805	156	224	31	22	0.18	4.85	68
CO22834	CO22835	4.73	55 1-	4ACSR	0	0	796	156	220	30	22	0.05	4.91	19
OC989053862	CO22834	4.73	53 1-	20 N FUSE	0	0	796	156	215	30	150	0.00	4.91	0
CO22866	OC989053862	4.81	5 1-	4ACSR	0	0	778	155	18	2	2	0.01	4.91	0
OC-500684524	CO22866	4.81	3 1-	20 N FUSE	0	0	778	155	10	1	7	0.00	4.91	0
CO22865	OC-500684524	4.90	3 1-	4ACSR	0	0	757	154	10	1	1	0.01	4.92	0
CO22864	CO22865	4.96	2 1-	4ACSR	0	0	744	154	8	1	1	0.00	4.92	0
CO22748	OC989053862	4.83	48 1-	4ACSR	0	0	773	155	197	27	20	0.12	5.03	40
CO22749	CO22748	4.93	47 1-	4ACSR	0	0	750	154	193	26	19	0.13	5.16	41
CO22774	CO22749	5.11	3 1-	4ACSR	0	0	715	153	9	1	1	0.00	5.16	0
CO22773	CO22749	5.09	0 1-	4ACSR	0	0	718	153	0	0	0	0.00	5.16	0
CO22750	CO22749	5.00	43 1-	4ACSR	0	0	737	154	178	24	18	0.07	5.23	20
CO22837	CO22750	5.01	41 1-	4ACSR	0	0	734	154	172	24	17	0.02	5.25	5
CO22836	CO22837	5.22	40 1-	4ACSR	0	0	693	152	168	23	17	0.22	5.47	62
CO22776	CO22836	5.32	2 1-	4ACSR	0	0	676	151	9	1	1	0.00	5.47	0
CO22751	CO22836	5.29	38 1-	4ACSR	0	0	681	151	159	22	16	0.07	5.54	18
CO22752	CO22751	5.46	38 1-	4ACSR	0	0	652	150	159	22	16	0.17	5.71	45
CO22839	CO22752	5.59	11 1-	4ACSR	0	0	632	149	44	6	4	0.03	5.74	2
OC-524800411	CO22839	5.59	10 1-	20 N FUSE	0	0	632	149	41	5	29	0.00	5.74	0
CO22838	OC-524800411	5.63	10 1-	4ACSR	0	0	626	148	41	5	4	0.01	5.75	0
CO22778	CO22838	5.72	1 1-	4ACSR	0	0	613	148	7	1	1	0.00	5.76	0
CO22841	CO22838	5.70	9 1-	4ACSR	0	0	615	148	33	4	3	0.01	5.77	0
CO22840	CO22841	5.92	8 1-	4ACSR	0	0	586	146	26	3	3	0.03	5.80	0
CO22753	CO22840	6.54	6 1-	4ACSR	0	0	513	141	19	2	2	0.08	5.88	2
CO22754	CO22753	6.75	6 1-	4ACSR	0	0	493	140	19	2	2	0.03	5.90	0
CO22869	CO22754	6.85	4 1-	4ACSR	0	0	484	139	9	1	1	0.01	5.91	0
CO22870	CO22869	6.92	3 1-	4ACSR	0	0	477	138	9	1	1	0.00	5.91	0
CO22868	CO22870	6.97	1 1-	4ACSR	0	0	473	138	3	0	0	0.00	5.91	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22867	CO22868	7.04	1 1-	4ACSR	0	0	467	137	3	0	0	0.00	5.91	0
CO22871	CO22867	7.11	1 1-	4ACSR	0	0	461	137	3	0	0	0.00	5.91	0
CO22780	CO22754	6.94	2 1-	4ACSR	0	0	475	138	10	1	1	0.01	5.91	0
CO22843	CO22753	6.88	0 1-	4ACSR	0	0	480	139	0	0	0	0.00	5.88	0
CO22842	CO22843	7.05	0 1-	4ACSR	0	0	466	137	0	0	0	0.00	5.88	0
CO22844	CO22842	7.21	0 1-	4ACSR	0	0	453	136	0	0	0	0.00	5.88	0
CO22779	CO22840	6.01	2 1-	4ACSR	0	0	574	145	6	0	1	0.00	5.80	0
CO22755	CO22752	5.56	27 1-	4ACSR	0	0	637	149	115	16	12	0.07	5.78	13
CO22782	CO22755	5.65	1 1-	4ACSR	0	0	623	148	3	0	0	0.00	5.78	0
CO22781	CO22755	5.61	1 1-	4ACSR	0	0	629	148	1	0	0	0.00	5.78	0
CO22845	CO22755	5.58	25 1-	4ACSR	0	0	634	149	110	15	11	0.01	5.79	3
CO22847	CO22845	5.61	24 1-	4ACSR	0	0	629	148	98	13	10	0.02	5.81	3
CO22846	CO22847	5.78	23 1-	4ACSR	0	0	605	147	97	13	10	0.10	5.92	17
CO22873	CO22846	5.86	1 1-	4ACSR	0	0	593	146	4	0	0	0.00	5.92	0
CO22783	CO22873	5.91	1 1-	4ACSR	0	0	587	146	4	0	0	0.00	5.92	0
CO22872	CO22873	5.95	0 1-	4ACSR	0	0	582	146	0	0	0	0.00	5.92	0
CO22849	CO22846	5.85	22 1-	4ACSR	0	0	595	147	93	13	9	0.04	5.95	6
CO22848	CO22849	5.97	22 1-	4ACSR	0	0	579	146	93	13	9	0.07	6.03	11
CO22874	CO22848	6.06	2 1-	4ACSR	0	0	567	145	6	0	1	0.00	6.03	0
CO22875	CO22874	6.14	1 1-	4ACSR	0	0	558	144	6	0	1	0.00	6.03	0
CO22851	CO22848	5.99	20 1-	4ACSR	0	0	577	145	87	12	9	0.01	6.04	0
CO22850	CO22851	6.20	20 1-	4ACSR	0	0	551	144	87	12	9	0.12	6.15	17
CO22852	CO22850	6.31	20 1-	4ACSR	0	0	538	143	87	12	9	0.06	6.21	9
CO22756	CO22852	6.44	19 1-	4ACSR	0	0	523	142	80	11	8	0.07	6.28	9
CO23698	CO22756	6.70	16 1-	4ACSR	0	0	498	140	78	10	8	0.13	6.41	17
CO22553	CO23698	6.90	12 1-	4ACSR	0	0	479	138	65	9	7	0.08	6.49	9
CO22556	CO22553	6.95	5 1-	4ACSR	0	0	474	138	9	1	1	0.00	6.49	0
CO22727	CO22556	6.96	4 1-	4ACSR	0	0	474	138	8	1	1	0.00	6.49	0
OC684	CO22727	6.96	4 1-	15 H OCR	0	0	474	138	8	1	7	0.00	6.49	0
CO22728	OC684	7.05	4 1-	4ACSR	0	0	466	137	8	1	1	0.00	6.50	0
CO22718	CO22728	7.18	3 1-	4ACSR	0	0	455	136	8	1	1	0.01	6.50	0
CO22719	CO22718	7.53	3 1-	4ACSR	0	0	429	134	8	1	1	0.02	6.52	0
CO22720	CO22719	7.57	3 1-	4ACSR	0	0	426	134	8	1	1	0.00	6.52	0
CO22721	CO22720	7.67	3 1-	4ACSR	0	0	419	133	8	1	1	0.01	6.53	0
CO22722	CO22721	7.72	3 1-	4ACSR	0	0	415	133	8	1	1	0.00	6.53	0
CO22573	CO22722	7.77	1 1-	4ACSR	0	0	412	132	0	0	0	0.00	6.53	0
CO22723	CO22722	7.84	1 1-	4ACSR	0	0	407	132	5	0	1	0.00	6.53	0
CO22724	CO22723	7.96	1 1-	4ACSR	0	0	400	131	5	0	1	0.00	6.54	0
CO22574	CO22556	6.99	1 1-	4ACSR	0	0	471	138	1	0	0	0.00	6.49	0
CO22554	CO22553	7.07	7 1-	4ACSR	0	0	464	137	55	7	6	0.06	6.55	6
CO22714	CO22554	7.11	4 1-	4ACSR	0	0	461	137	32	4	3	0.01	6.56	0
CO22715	CO22714	7.25	4 1-	4ACSR	0	0	450	136	32	4	3	0.02	6.58	0
CO22713	CO22715	7.29	3 1-	4ACSR	0	0	447	136	18	2	2	0.00	6.59	0
CO22555	CO22713	7.40	3 1-	4ACSR	0	0	438	135	18	2	2	0.01	6.60	0
CO22577	CO22555	7.52	0 1-	4ACSR	0	0	429	134	0	0	0	0.00	6.60	0
CO22711	CO22555	7.43	3 1-	4ACSR	0	0	436	135	18	2	2	0.00	6.60	0
CO22712	CO22711	7.55	3 1-	4ACSR	0	0	427	134	18	2	2	0.01	6.61	0
CO-928653193	CO22712	7.70	2 1-	2ACSR	0	0	419	133	13	1	1	0.01	6.62	0
CO-845775053	CO-928653193	7.74	1 1-	2ACSR	0	0	417	133	9	1	1	0.00	6.62	0
CO-243526851	CO-928653193	7.80	1 1-	2ACSR	0	0	414	133	3	0	0	0.00	6.62	0
CO21890	CO-243526851	7.98	1 1-	4ACSR	0	0	402	132	3	0	0	0.00	6.63	0
CO21891	CO21890	8.06	0 1-	4ACSR	0	0	397	131	0	0	0	0.00	6.63	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21892	CO21891	8.13	0 1-	4ACSR	0	0	393	131	0	0	0	0.00	6.63	0
CO22578	CO22712	7.61	1 1-	4ACSR	0	0	423	133	5	0	0	0.00	6.62	0
CO22596	CO22711	7.50	0 1-	2ACSR	0	0	432	134	0	0	0	0.00	6.60	0
CO22576	CO22554	7.13	1 1-	4ACSR	0	0	459	137	10	1	1	0.00	6.55	0
CO22575	CO22554	7.13	2 1-	4ACSR	0	0	459	137	13	1	1	0.00	6.55	0
CO22716	CO23698	6.85	4 1-	4ACSR	0	0	484	139	13	1	1	0.01	6.42	0
CO22717	CO22716	6.92	1 1-	4ACSR	0	0	478	138	3	0	0	0.00	6.42	0
CO22877	CO22756	6.56	3 1-	4/0ACSR	0	0	518	142	3	0	0	0.00	6.28	0
CO22786	CO22877	6.63	1 1-	4/0ACSR	0	0	515	141	1	0	0	0.00	6.28	0
CO22876	CO22877	6.60	2 1-	4/0ACSR	0	0	516	141	2	0	0	0.00	6.28	0
CO22784	CO22852	6.36	1 1-	4ACSR	0	0	532	142	7	0	1	0.00	6.21	0
CO22777	CO22751	5.40	0 1-	4ACSR	0	0	663	150	0	0	0	0.00	5.54	0
CO22775	CO22750	5.08	2 1-	4ACSR	0	0	720	153	6	0	1	0.00	5.23	0
CO22772	CO22748	4.87	1 1-	4ACSR	0	0	763	155	4	0	0	0.00	5.03	0
CO22825	CO22745	3.28	204 3-	4/0ACSR	1790	1657	1346	171	1156	52	16	0.02	2.55	38
CO22824	CO22825	3.60	204 3-	4/0ACSR	1672	1548	1248	170	1155	52	16	0.16	2.72	255
OC-374486693	CO22824	3.60	203 3-	20 N FUSE	1672	1548	1248	170	1139	52	261	0.00	2.72	0
CO22826	OC-374486693	3.65	203 3-	4/0ACSR	1657	1534	1236	170	1139	52	15	0.02	2.74	34
CO22768	CO22826	3.69	0 1-	4ACSR	0	0	1214	169	0	0	0	0.00	2.74	0
OC-269789067	CO22768	3.69	0 1-	20 N FUSE	0	0	1214	169	0	0	0	0.00	2.74	0
CO22746	CO22826	3.70	203 3-	4/0ACSR	1638	1516	1220	169	1139	52	15	0.03	2.77	46
CO-1761758658	CO22746	3.76	1 1-	2ACSR	0	0	1199	169	0	0	0	0.00	2.77	0
OC-2116256631	CO-1761758658	3.76	0 1-	20 N FUSE	0	0	1199	169	0	0	0	0.00	2.77	0
CO22769	CO22746	3.82	1 1-	4ACSR	0	0	1169	168	3	0	0	0.00	2.77	0
OC-1917715669	CO22769	3.82	0 1-	20 N FUSE	0	0	1169	168	0	0	0	0.00	2.77	0
CO23680	CO22746	3.91	201 3-	4/0ACSR	1571	1454	1166	169	1136	52	15	0.11	2.88	164
CO23156	CO23680	4.02	201 3-	4/0ACSR	1538	1424	1139	168	1135	52	15	0.05	2.93	85
CO23682	CO23156	4.22	2 1-	4ACSR	0	0	1064	166	2	0	0	0.00	2.93	0
OC291128154	CO23682	4.22	2 1-	20 N FUSE	0	0	1064	166	2	0	1	0.00	2.93	0
CO23683	OC291128154	4.28	2 1-	4ACSR	0	0	1043	166	2	0	0	0.00	2.93	0
CO22785	OC291128154	4.49	0 1-	4ACSR	0	0	970	164	0	0	0	0.00	2.93	0
CO23179	CO23156	4.27	199 3-	4/0ACSR	1470	1360	1084	168	1133	52	15	0.12	3.05	191
CO23180	CO23179	4.29	199 3-	4/0ACSR	1465	1356	1080	168	1132	52	15	0.01	3.06	15
CO23185	CO23180	4.31	199 3-	4/0ACSR	1460	1351	1076	168	1132	52	15	0.01	3.07	15
CO23184	CO23185	4.36	198 3-	4/0ACSR	1445	1338	1065	167	1131	51	15	0.03	3.10	42
CO23181	CO23184	4.40	197 3-	4/0ACSR	1436	1330	1057	167	1118	51	15	0.02	3.12	27
CO23183	CO23181	4.42	196 3-	4/0ACSR	1431	1324	1053	167	1118	51	15	0.01	3.13	17
CO23182	CO23183	4.53	195 3-	4/0ACSR	1402	1298	1030	167	1117	51	15	0.06	3.19	87
CO23235	CO23182	4.65	2 1-	4ACSR	0	0	994	166	12	1	1	0.01	3.19	0
OC-1716965119	CO23235	4.65	2 1-	20 N FUSE	0	0	994	166	12	1	9	0.00	3.19	0
CO23237	OC-1716965119	4.80	2 1-	4ACSR	0	0	945	164	12	1	1	0.01	3.20	0
CO23236	CO23237	4.87	1 1-	4ACSR	0	0	927	164	0	0	0	0.00	3.20	0
CO23186	CO23182	4.75	191 3-	4/0ACSR	1352	1252	991	166	1101	50	15	0.10	3.29	153
CO23188	CO23186	4.78	189 3-	4/0ACSR	1344	1244	984	166	1077	49	15	0.02	3.31	27
CO23187	CO23188	5.08	189 3-	4/0ACSR	1282	1186	935	165	1077	49	15	0.14	3.45	207
CO23110	CO23187	5.17	107 3-	4/0ACSR	1263	1169	920	165	579	26	8	0.02	3.47	19
CO23138	CO23110	5.23	0 1-	4ACSR	0	0	906	165	0	0	0	0.00	3.47	0
CO23137	CO23110	5.22	2 1-	4ACSR	0	0	908	165	4	0	0	0.00	3.47	0
OC813307289	CO23137	5.22	0 1-	20 N FUSE	0	0	908	165	0	0	0	0.00	3.47	0
CO23203	CO23110	5.23	105 3-	4/0ACSR	1250	1158	911	165	575	26	8	0.02	3.49	13
CO23205	CO23203	5.30	104 3-	4/0ACSR	1237	1145	900	165	574	26	8	0.02	3.50	14
CO23204	CO23205	5.41	104 3-	4/0ACSR	1218	1128	886	164	574	26	8	0.03	3.53	20

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23202	CO23204	5.46	103 3-	4/0ACSR	1209	1119	879	164	565	26	8	0.01	3.54	10
CO23111	CO23202	5.62	101 3-	4/0ACSR	1181	1093	857	164	565	26	8	0.04	3.58	31
CO23206	CO23111	5.88	100 3-	4/0ACSR	1137	1052	823	163	565	26	8	0.07	3.65	52
CO23208	CO23206	6.01	100 3-	4/0ACSR	1116	1033	807	163	565	26	8	0.03	3.68	26
CO23207	CO23208	6.08	100 3-	4/0ACSR	1105	1024	799	163	565	26	8	0.02	3.70	13
CO23141	CO23207	6.16	1 1-	4ACSR	0	0	783	162	15	2	2	0.00	3.70	0
OC952034879	CO23141	6.16	0 1-	20 N FUSE	0	0	783	162	0	0	0	0.00	3.70	0
CO23112	CO23207	6.24	99 3-	4/0ACSR	1083	1002	781	162	549	25	7	0.04	3.73	28
CO788384884	CO23112	6.28	66 3-	1/0ACSR	1074	995	775	162	402	18	8	0.01	3.75	9
CO-1968675454	CO788384884	6.38	5 3-	1/0ACSR	1056	978	761	161	31	1	1	0.00	3.75	0
CO23266	CO-1968675454	6.50	3 1-	4ACSR	0	0	739	160	26	3	3	0.02	3.77	0
CO23267	CO23266	6.51	3 1-	4ACSR	0	0	738	160	26	3	3	0.00	3.77	0
CO23124	CO23267	6.55	3 1-	4ACSR	0	0	730	160	26	3	3	0.01	3.78	0
CO23176	CO23124	6.63	2 1-	4ACSR	0	0	718	159	13	1	1	0.01	3.79	0
CO23175	CO23176	6.72	2 1-	4ACSR	0	0	702	158	13	1	1	0.00	3.79	0
CO1028861211	CO23175	6.75	0 1-	4ACSR	0	0	698	158	0	0	0	0.00	3.79	0
CO23133	CO23124	6.64	1 1-	4ACSR	0	0	716	159	14	1	1	0.00	3.78	0
CO23114	CO-1968675454	6.42	2 1-	4ACSR	0	0	754	161	5	0	0	0.00	3.75	0
CO23268	CO23114	6.43	2 1-	4ACSR	0	0	753	161	5	0	0	0.00	3.75	0
OC703	CO23268	6.43	2 1-	50 H OCR	0	0	753	161	5	0	1	0.00	3.75	0
CO23269	OC703	6.61	2 1-	4ACSR	0	0	721	159	5	0	0	0.01	3.76	0
CO23221	CO23269	6.76	2 1-	4ACSR	0	0	696	158	5	0	0	0.00	3.76	0
CO23217	CO23221	6.91	1 1-	4ACSR	0	0	672	156	1	0	0	0.00	3.76	0
OC1944703631	CO23217	6.91	1 1-	20 N FUSE	0	0	672	156	1	0	1	0.00	3.76	0
CO23220	OC1944703631	6.97	1 1-	4ACSR	0	0	662	156	1	0	0	0.00	3.76	0
CO23218	CO23220	7.04	1 1-	4ACSR	0	0	652	155	1	0	0	0.00	3.76	0
CO23219	CO23218	7.14	1 1-	4ACSR	0	0	639	154	1	0	0	0.00	3.76	0
CO23664	CO23219	7.24	1 1-	4ACSR	0	0	624	153	1	0	0	0.00	3.76	0
CO-1197836154	CO788384884	6.40	61 3-	1/0ACSR	1052	975	759	161	371	17	7	0.04	3.78	21
CO1858028701	CO-1197836154	7.14	61 3-	1/0ACSR	936	870	673	158	371	17	7	0.21	4.00	124
CO23512	CO1858028701	7.20	2 1-	4ACSR	0	0	665	157	10	1	1	0.00	4.00	0
OC725022113	CO23512	7.20	0 1-	20 N FUSE	0	0	665	157	0	0	0	0.00	4.00	0
CO-1254008844	CO1858028701	7.59	59 3-	1/0ACSR	876	816	630	156	360	16	7	0.13	4.13	71
CO-1838363289	CO-1254008844	8.24	57 3-	1/0ACSR	801	748	575	153	350	16	7	0.18	4.31	99
CO1514433892	CO-1838363289	8.34	56 3-	1/0ACSR	790	738	567	152	341	15	7	0.03	4.33	14
CO-1417101679	CO1514433892	8.36	19 1-	4ACSR	0	0	566	152	103	14	10	0.01	4.34	0
CO23591	CO-1417101679	8.36	19 1-	4ACSR	0	0	565	152	103	14	10	0.00	4.35	0
OC713	CO23591	8.36	19 1-	25 H OCR	0	0	565	152	103	14	57	0.00	4.35	0
CO23593	OC713	8.37	19 1-	4ACSR	0	0	564	152	103	14	10	0.00	4.35	0
CO23594	CO23593	8.43	19 1-	4ACSR	0	0	557	152	103	14	10	0.04	4.39	7
CO23540	CO23594	8.47	18 1-	4ACSR	0	0	553	151	102	14	10	0.02	4.42	4
CO23541	CO23540	8.53	17 1-	4ACSR	0	0	548	151	94	13	9	0.03	4.45	5
CO23507	CO23541	8.78	16 1-	4ACSR	0	0	522	149	92	12	9	0.15	4.60	22
CO23565	CO23507	8.84	14 1-	4ACSR	0	0	517	148	83	11	8	0.03	4.62	4
CO-1627428483	CO23565	8.89	14 1-	2ACSR	0	0	513	148	83	11	6	0.02	4.64	3
CO490266635	CO-1627428483	9.19	13 1-	2ACSR	0	0	492	146	83	11	6	0.10	4.75	14
CO23584	CO490266635	9.36	0 1-	4ACSR	0	0	478	145	0	0	0	0.00	4.75	0
CO23585	CO23584	9.64	0 1-	4ACSR	0	0	456	142	0	0	0	0.00	4.75	0
CO23586	CO23585	9.81	0 1-	4ACSR	0	0	443	141	0	0	0	0.00	4.75	0
CO23576	CO490266635	9.23	13 1-	4ACSR	0	0	489	146	83	11	8	0.02	4.77	3
CO23577	CO23576	9.29	13 1-	4ACSR	0	0	483	145	83	11	8	0.03	4.80	5
CO23578	CO23577	9.37	13 1-	4ACSR	0	0	477	145	83	11	8	0.04	4.84	5

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23579	CO23578	9.41	13 1-	4ACSR	0	0	474	144	83	11	8	0.02	4.86	3
CO23580	CO23579	9.68	13 1-	4ACSR	0	0	453	142	83	11	8	0.14	5.00	19
OC1293305490	CO23580	9.68	13 1-	20 N FUSE	0	0	453	142	83	11	58	0.00	5.00	0
CO23587	OC1293305490	9.83	0 1-	4ACSR	0	0	442	141	0	0	0	0.00	5.00	0
CO23588	CO23587	10.08	0 1-	4ACSR	0	0	425	139	0	0	0	0.00	5.00	0
CO23581	OC1293305490	9.77	13 1-	4ACSR	0	0	446	141	83	11	8	0.04	5.05	6
CO23582	CO23581	9.79	12 1-	4ACSR	0	0	445	141	68	9	7	0.01	5.06	0
CO23550	CO23582	9.89	1 1-	4ACSR	0	0	438	141	4	0	0	0.00	5.06	0
CO23551	CO23550	10.05	1 1-	4ACSR	0	0	427	139	4	0	0	0.00	5.06	0
CO23583	CO23582	10.07	11 1-	4ACSR	0	0	426	139	64	8	6	0.10	5.16	10
CO23667	CO23583	10.16	9 1-	4ACSR	0	0	420	139	51	7	5	0.03	5.19	2
CO23407	CO23667	10.28	1 1-	4ACSR	0	0	412	138	12	1	1	0.01	5.19	0
CO23471	CO23407	10.51	1 1-	4ACSR	0	0	398	136	12	1	1	0.02	5.21	0
CO23472	CO23471	10.66	1 1-	4ACSR	0	0	390	135	12	1	1	0.01	5.22	0
CO23408	CO23472	10.87	1 1-	4ACSR	0	0	378	133	12	1	1	0.01	5.23	0
CO23405	CO23667	10.27	8 1-	4ACSR	0	0	413	138	39	5	4	0.03	5.21	0
CO23406	CO23405	10.37	8 1-	4ACSR	0	0	407	137	39	5	4	0.03	5.24	0
OC1238481980	CO23406	10.37	8 1-	20 N FUSE	0	0	407	137	39	5	27	0.00	5.24	0
CO23455	OC1238481980	10.41	8 1-	4ACSR	0	0	404	137	39	5	4	0.01	5.25	0
CO23456	CO23455	10.75	8 1-	4ACSR	0	0	385	134	39	5	4	0.08	5.33	5
CO23396	CO23456	10.86	3 1-	4ACSR	0	0	379	134	10	1	1	0.00	5.33	0
CO23473	CO23396	10.94	2 1-	4ACSR	0	0	374	133	3	0	0	0.00	5.33	0
CO23474	CO23473	11.02	2 1-	4ACSR	0	0	370	132	3	0	0	0.00	5.33	0
CO23417	CO23474	11.25	1 1-	4ACSR	0	0	359	131	0	0	0	0.00	5.33	0
CO23500	CO23474	11.03	0 1-	4ACSR	0	0	370	132	0	0	0	0.00	5.33	0
SW712-A	CO23500	11.03	0 1-	Open	0	0	370	132	0	0	0	0.00	5.33	0
CO23379	CO23456	10.96	0 1-	4ACSR	0	0	374	133	0	0	0	0.00	5.33	0
CO23499	CO23379	11.04	0 1-	4ACSR	0	0	369	132	0	0	0	0.00	5.33	0
CO23501	CO23499	11.05	0 1-	4ACSR	0	0	369	132	0	0	0	0.00	5.33	0
SW712-B	CO23501	11.05	0 1-	Open	0	0	369	132	0	0	0	0.00	5.33	0
CO23380	CO23379	11.05	0 1-	4ACSR	0	0	369	132	0	0	0	0.00	5.33	0
CO23436	CO23380	11.18	0 1-	4ACSR	0	0	362	131	0	0	0	0.00	5.33	0
CO23437	CO23436	11.27	0 1-	4ACSR	0	0	358	131	0	0	0	0.00	5.33	0
CO23409	CO23380	11.16	0 1-	4ACSR	0	0	363	131	0	0	0	0.00	5.33	0
CO23410	CO23409	11.30	0 1-	4ACSR	0	0	357	131	0	0	0	0.00	5.33	0
CO23491	CO23410	11.30	0 1-	4ACSR	0	0	356	131	0	0	0	0.00	5.33	0
CO23452	CO23456	10.90	5 1-	4ACSR	0	0	377	133	28	3	3	0.02	5.35	0
CO23453	CO23452	10.95	4 1-	4ACSR	0	0	374	133	18	2	2	0.01	5.35	0
CO23412	CO23453	11.04	3 1-	4ACSR	0	0	369	132	17	2	2	0.01	5.36	0
CO23413	CO23412	11.13	3 1-	4ACSR	0	0	365	132	17	2	2	0.01	5.37	0
CO23381	CO23413	11.22	1 1-	4ACSR	0	0	360	131	0	0	0	0.00	5.37	0
CO23382	CO23381	11.61	0 1-	4ACSR	0	0	342	129	0	0	0	0.00	5.37	0
CO23414	CO23381	11.41	0 1-	4ACSR	0	0	351	130	0	0	0	0.00	5.37	0
CO23415	CO23414	11.55	0 1-	4ACSR	0	0	345	129	0	0	0	0.00	5.37	0
CO23416	CO23415	11.91	0 1-	4ACSR	0	0	329	127	0	0	0	0.00	5.37	0
CO23454	CO23413	11.16	2 1-	4ACSR	0	0	363	131	17	2	2	0.00	5.38	0
CO23438	CO23454	11.19	1 1-	4ACSR	0	0	362	131	8	1	1	0.00	5.38	0
CO879884113	CO-1627428483	8.97	1 1-	2ACSR	0	0	507	147	0	0	0	0.00	4.64	0
CO23558	CO23507	8.86	2 1-	4ACSR	0	0	515	148	9	1	1	0.00	4.60	0
CO23559	CO23558	8.95	1 1-	4ACSR	0	0	507	147	6	0	1	0.00	4.60	0
CO23513	CO23541	8.62	1 1-	4ACSR	0	0	538	150	2	0	0	0.00	4.45	0
CO23548	CO23594	8.52	1 1-	4ACSR	0	0	549	151	1	0	0	0.00	4.39	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC954511739	CO23548	8.52	1 1-	20 N FUSE	0	0	549	151	1	0	1	0.00	4.39	0
CO23549	OC954511739	8.67	1 1-	4ACSR	0	0	533	150	1	0	0	0.00	4.39	0
CO136416879	CO1514433892	8.57	37 3-	1/0ACSR	767	717	551	151	238	11	5	0.04	4.38	16
CO23570	CO136416879	8.61	34 3-	1/0ACSR	764	715	548	151	235	10	5	0.01	4.38	2
OC-215177748	CO23570	8.61	34 3-	20 N FUSE	764	715	548	151	235	10	54	0.00	4.38	0
CO23569	OC-215177748	8.76	34 3-	1/0ACSR	749	701	537	151	235	10	5	0.03	4.41	11
CO23568	CO23569	8.85	33 3-	1/0ACSR	741	694	532	150	234	10	5	0.02	4.43	6
CO23567	CO23568	8.94	33 3-	1/0ACSR	733	687	526	150	234	10	5	0.02	4.44	6
CO23589	CO23567	9.01	32 3-	1/0ACSR	727	681	521	150	232	10	5	0.01	4.46	5
CO23519	CO23589	9.04	31 3-	1/0ACSR	724	678	519	149	221	10	4	0.01	4.46	0
CO23525	CO23519	9.11	4 1-	4ACSR	0	0	513	149	16	2	2	0.00	4.47	0
OC-705885037	CO23525	9.11	0 1-	20 N FUSE	0	0	513	149	0	0	0	0.00	4.47	0
CO23520	CO23519	9.10	27 3-	1/0ACSR	719	673	516	149	204	9	4	0.01	4.47	3
CO23521	CO23520	9.16	24 3-	1/0ACSR	714	669	512	149	193	8	4	0.01	4.48	3
CO23561	CO23521	9.17	24 3-	1/0ACSR	713	668	512	149	193	8	4	0.00	4.48	0
CO23562	CO23561	9.23	22 3-	1/0ACSR	708	664	508	149	188	8	4	0.01	4.49	2
CO23522	CO23562	9.27	19 3-	1/0ACSR	705	661	506	148	182	8	4	0.01	4.50	0
CO1705069226	CO23522	9.54	9 3-	1/0ACSR	683	641	490	147	154	7	3	0.03	4.53	8
CO82528484	CO1705069226	9.57	1 1-	4ACSR	0	0	488	147	3	0	0	0.00	4.53	0
OC1012334834	CO82528484	9.57	1 1-	20 N FUSE	0	0	488	147	3	0	2	0.00	4.53	0
CO23545	OC1012334834	9.76	1 1-	4ACSR	0	0	473	146	3	0	0	0.00	4.53	0
CO2062434146	CO1705069226	9.66	6 3-	1/0ACSR	674	632	483	147	130	6	3	0.01	4.54	3
CO-794426719	CO2062434146	9.87	6 3-	1/0ACSR	659	618	472	146	130	6	3	0.02	4.56	4
CO-1576730245	CO-794426719	9.90	0 1-	2ACSR	0	0	470	146	0	0	0	0.00	4.56	0
OC-1918069583	CO-1576730245	9.90	0 1-	20 N FUSE	0	0	470	146	0	0	0	0.00	4.56	0
CO-1273173802	CO-794426719	9.95	6 3-	1/0ACSR	653	613	468	146	130	6	3	0.01	4.57	0
CO2053793345	CO-1273173802	9.96	0 1-	4ACSR	0	0	467	145	0	0	0	0.00	4.57	0
CO-56310270	CO-1273173802	10.04	6 3-	1/0ACSR	646	607	464	145	130	6	3	0.01	4.58	0
CO493907033	CO-56310270	10.09	0 1-	2ACSR	0	0	461	145	0	0	0	0.00	4.58	0
OC-952858398	CO493907033	10.09	0 1-	20 N FUSE	0	0	461	145	0	0	0	0.00	4.58	0
CO-954626860	CO-56310270	10.59	6 3-	1/0ACSR	610	573	437	143	130	6	3	0.06	4.64	12
CO1604357197	CO-954626860	10.73	3 1-	4ACSR	0	0	429	142	9	1	1	0.01	4.65	0
OC-1435950744	CO1604357197	10.73	3 1-	20 N FUSE	0	0	429	142	9	1	6	0.00	4.65	0
CO23663	OC-1435950744	10.99	1 1-	4ACSR	0	0	413	140	3	0	0	0.00	4.65	0
CO23174	CO23663	11.36	1 1-	4ACSR	0	0	391	137	3	0	0	0.00	4.65	0
CO23173	CO23174	11.46	0 1-	4ACSR	0	0	385	136	0	0	0	0.00	4.65	0
CO23508	OC-1435950744	10.97	2 1-	4ACSR	0	0	414	140	7	0	1	0.00	4.65	0
CO999846545	CO-954626860	10.87	3 3-	1/0ACSR	593	558	425	142	121	5	2	0.03	4.66	5
CO-238976319	CO999846545	10.96	1 1-	2ACSR	0	0	421	141	6	0	0	0.00	4.67	0
OC-347434307	CO-238976319	10.96	1 1-	20 N FUSE	0	0	421	141	6	0	4	0.00	4.67	0
CO359802064	OC-347434307	11.01	1 1-	4ACSR	0	0	418	141	6	0	1	0.00	4.67	0
CO339789460	CO999846545	11.01	2 3-	1/0ACSR	585	550	419	141	114	5	2	0.01	4.68	2
CO-1130694736	CO339789460	11.05	1 3-	1/0ACSR	583	549	418	141	57	2	1	0.00	4.68	0
CO959918776	CO339789460	11.08	1 3-	1/0ACSR	581	547	417	141	57	2	1	0.00	4.68	0
CO311899967	CO959918776	11.50	1 3-	2ACSR	553	522	397	139	57	2	1	0.03	4.71	3
CO-1896965616	CO311899967	11.60	0 3-	2ACSR	546	515	393	138	0	0	0	0.00	4.71	0
CO-2042437091	CO311899967	11.54	1 3-	2ACSR	550	519	395	139	57	2	1	0.00	4.71	0
CO-1707138338	CO-1273173802	10.09	0 1-	4ACSR	0	0	458	144	0	0	0	0.00	4.57	0
OC-1296896098	CO-1707138338	10.09	0 1-	20 N FUSE	0	0	458	144	0	0	0	0.00	4.57	0
CO-638898416	CO2062434146	9.70	0 1-	4ACSR	0	0	480	146	0	0	0	0.00	4.54	0
OC-1288812715	CO-638898416	9.70	0 1-	20 N FUSE	0	0	480	146	0	0	0	0.00	4.54	0
CO1354701879	CO1705069226	9.61	2 1-	4ACSR	0	0	484	147	21	2	2	0.01	4.54	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC755756650	CO1354701879	9.61	1 1-	20 N FUSE	0	0	484	147	20	2	14	0.00	4.54	0
CO23517	OC755756650	9.69	1 1-	4ACSR	0	0	478	146	20	2	2	0.00	4.54	0
CO23523	CO23522	9.53	10 1-	4ACSR	0	0	483	146	27	3	3	0.05	4.54	0
OC518533399	CO23523	9.53	10 1-	20 N FUSE	0	0	483	146	27	3	19	0.00	4.54	0
CO30587	OC518533399	9.57	9 1-	4ACSR	0	0	480	146	18	2	2	0.00	4.55	0
CO30588	CO30587	9.65	9 1-	4ACSR	0	0	474	145	18	2	2	0.01	4.56	0
CO23542	CO30588	9.71	7 1-	4ACSR	0	0	469	145	17	2	2	0.01	4.56	0
CO23543	CO23542	9.90	7 1-	4ACSR	0	0	455	143	17	2	2	0.02	4.58	0
CO23544	CO23543	9.92	7 1-	4ACSR	0	0	453	143	17	2	2	0.00	4.58	0
CO23571	CO23544	10.00	3 1-	4ACSR	0	0	448	142	14	1	1	0.01	4.59	0
CO23572	CO23571	10.06	3 1-	4ACSR	0	0	443	142	14	1	1	0.01	4.60	0
CO23573	CO23572	10.11	3 1-	4ACSR	0	0	440	142	14	1	1	0.00	4.60	0
CO23560	CO23544	10.04	4 1-	4ACSR	0	0	445	142	3	0	0	0.00	4.59	0
CO23590	CO23560	10.06	2 1-	4ACSR	0	0	444	142	3	0	0	0.00	4.59	0
CO23557	CO23590	10.07	2 1-	4ACSR	0	0	443	142	3	0	0	0.00	4.59	0
CO23556	CO23557	10.11	1 1-	4ACSR	0	0	440	142	3	0	0	0.00	4.59	0
CO1609942273	OC518533399	9.55	1 1-	2ACSR	0	0	482	146	9	1	1	0.00	4.54	0
CO23515	CO136416879	8.64	3 1-	2ACSR	0	0	545	151	3	0	0	0.00	4.38	0
OC1725772198	CO23515	8.64	0 1-	20 N FUSE	0	0	545	151	0	0	0	0.00	4.38	0
CO-1778417675	CO-1838363289	8.27	1 1-	2ACSR	0	0	572	153	9	1	1	0.00	4.31	0
CO23516	CO-1778417675	8.32	1 1-	2ACSR	0	0	567	152	9	1	1	0.00	4.31	0
CO775006910	CO-1254008844	7.61	2 1-	2ACSR	0	0	627	156	10	1	1	0.00	4.13	0
OC-571270101	CO775006910	7.61	2 1-	20 N FUSE	0	0	627	156	10	1	7	0.00	4.13	0
CO23518	OC-571270101	7.68	0 1-	4ACSR	0	0	617	155	0	0	0	0.00	4.13	0
CO23553	OC-571270101	7.66	2 1-	4ACSR	0	0	620	155	10	1	1	0.00	4.13	0
CO23554	CO23553	7.70	2 1-	4ACSR	0	0	616	155	10	1	1	0.00	4.13	0
CO23555	CO23554	7.80	1 1-	4ACSR	0	0	603	154	8	1	1	0.00	4.13	0
CO23142	CO23112	6.35	3 1-	4ACSR	0	0	759	161	11	1	1	0.00	3.74	0
OC1564652867	CO23142	6.35	0 1-	20 N FUSE	0	0	759	161	0	0	0	0.00	3.74	0
CO23222	CO23112	6.33	29 1-	2ACSR	0	0	767	161	126	17	10	0.05	3.78	10
CO23224	CO23222	6.41	29 1-	2ACSR	0	0	754	161	126	17	10	0.04	3.83	8
CO23223	CO23224	6.44	28 1-	2ACSR	0	0	749	161	123	17	9	0.02	3.85	4
CO23262	CO23223	6.45	28 1-	2ACSR	0	0	748	161	123	17	9	0.00	3.85	0
OC704	CO23262	6.45	28 1-	35 H OCR	0	0	748	161	123	17	49	0.00	3.85	0
CO23263	OC704	6.54	28 1-	2ACSR	0	0	734	160	123	17	9	0.05	3.90	9
CO23225	CO23263	6.57	28 1-	2ACSR	0	0	730	160	123	17	9	0.02	3.91	3
CO23226	CO23225	6.67	27 1-	2ACSR	0	0	716	159	122	16	9	0.05	3.96	10
CO23117	CO23226	6.75	23 1-	4ACSR	0	0	703	158	98	13	10	0.05	4.01	8
CO23250	CO23117	6.84	1 1-	4ACSR	0	0	688	158	4	0	0	0.00	4.01	0
CO23252	CO23250	6.88	0 1-	4ACSR	0	0	682	157	0	0	0	0.00	4.01	0
CO23251	CO23252	6.92	0 1-	4ACSR	0	0	676	157	0	0	0	0.00	4.01	0
CO23151	CO23251	7.10	0 1-	2ACSR	0	0	653	156	0	0	0	0.00	4.01	0
CO23118	CO23117	6.85	20 1-	4ACSR	0	0	686	157	89	12	9	0.06	4.07	8
CO23144	CO23118	6.95	1 1-	4ACSR	0	0	671	157	5	0	0	0.00	4.07	0
CO23119	CO23118	7.04	18 1-	4ACSR	0	0	658	156	76	10	8	0.09	4.16	11
CO23254	CO23119	7.12	3 1-	4ACSR	0	0	645	155	18	2	2	0.01	4.16	0
CO23155	CO23254	7.16	1 1-	2ACSR	0	0	640	155	8	1	1	0.00	4.17	0
CO23253	CO23254	7.16	2 1-	4ACSR	0	0	640	155	10	1	1	0.00	4.17	0
CO23120	CO23119	7.24	13 1-	4ACSR	0	0	629	154	55	7	5	0.07	4.23	6
CO23122	CO23120	7.34	10 1-	4ACSR	0	0	616	153	52	7	5	0.03	4.26	3
OC916133036	CO23122	7.34	10 1-	20 N FUSE	0	0	616	153	52	7	36	0.00	4.26	0
CO23147	OC916133036	7.38	1 1-	4ACSR	0	0	611	153	6	0	1	0.00	4.26	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23215	OC916133036	7.36	9 1-	4ACSR	0	0	613	153	46	6	5	0.01	4.26	0
CO23214	CO23215	7.37	7 1-	4ACSR	0	0	611	153	34	4	3	0.00	4.27	0
CO23148	CO23214	7.49	1 1-	4ACSR	0	0	596	152	0	0	0	0.00	4.27	0
CO23123	CO23214	7.51	6 1-	4ACSR	0	0	594	152	34	4	3	0.02	4.29	0
CO23260	CO23123	7.54	0 1-	4ACSR	0	0	589	151	0	0	0	0.00	4.29	0
CO23259	CO23260	7.73	0 1-	4ACSR	0	0	567	150	0	0	0	0.00	4.29	0
CO23216	CO23123	7.75	5 1-	4ACSR	0	0	565	149	25	3	2	0.04	4.33	0
CO23666	CO23216	7.79	5 1-	4ACSR	0	0	560	149	25	3	2	0.00	4.33	0
CO23535	CO23666	8.07	3 1-	4ACSR	0	0	531	147	15	2	1	0.01	4.35	0
CO23536	CO23535	8.22	1 1-	4ACSR	0	0	516	146	2	0	0	0.00	4.35	0
CO23537	CO23536	8.37	0 1-	4ACSR	0	0	501	144	0	0	0	0.00	4.35	0
CO23153	CO23215	7.58	1 1-	2ACSR	0	0	591	151	10	1	1	0.00	4.27	0
CO23121	CO23120	7.32	3 1-	4ACSR	0	0	618	153	3	0	0	0.00	4.23	0
CO23211	CO23121	7.39	2 1-	4ACSR	0	0	608	153	3	0	0	0.00	4.23	0
CO23213	CO23211	7.44	1 1-	4ACSR	0	0	602	152	0	0	0	0.00	4.23	0
CO23212	CO23213	7.63	1 1-	4ACSR	0	0	579	150	0	0	0	0.00	4.23	0
CO23256	CO23212	7.69	0 1-	4ACSR	0	0	572	150	0	0	0	0.00	4.23	0
CO23255	CO23256	7.75	0 1-	4ACSR	0	0	565	149	0	0	0	0.00	4.23	0
CO23258	CO23212	7.67	1 1-	4ACSR	0	0	575	150	0	0	0	0.00	4.23	0
CO23257	CO23258	7.69	1 1-	4ACSR	0	0	572	150	0	0	0	0.00	4.23	0
CO23146	CO23121	7.42	1 1-	4ACSR	0	0	605	152	0	0	0	0.00	4.23	0
CO23145	CO23119	7.11	2 1-	4ACSR	0	0	647	155	3	0	0	0.00	4.16	0
CO23143	CO23117	6.80	2 1-	4ACSR	0	0	694	158	5	0	0	0.00	4.01	0
CO23209	CO23226	6.71	4 1-	4ACSR	0	0	709	159	24	3	2	0.01	3.97	0
OC831640407	CO23209	6.71	4 1-	20 N FUSE	0	0	709	159	24	3	16	0.00	3.97	0
CO23210	OC831640407	6.81	4 1-	4ACSR	0	0	693	158	24	3	2	0.01	3.98	0
CO23247	CO23210	6.84	2 1-	4ACSR	0	0	688	158	9	1	1	0.00	3.98	0
CO23249	CO23247	6.89	1 1-	4ACSR	0	0	679	157	0	0	0	0.00	3.98	0
CO23248	CO23249	6.91	0 1-	4ACSR	0	0	676	157	0	0	0	0.00	3.98	0
CO23139	CO23111	5.75	1 1-	4ACSR	0	0	826	163	0	0	0	0.00	3.58	0
OC1193325299	CO23139	5.75	0 1-	20 N FUSE	0	0	826	163	0	0	0	0.00	3.58	0
CO23140	CO23202	5.53	1 1-	4ACSR	0	0	860	164	0	0	0	0.00	3.54	0
OC20962884	CO23140	5.53	0 1-	20 N FUSE	0	0	860	164	0	0	0	0.00	3.54	0
CO23246	CO23202	5.53	1 1-	4ACSR	0	0	861	164	0	0	0	0.00	3.54	0
OC-1115560889	CO23246	5.53	0 1-	20 N FUSE	0	0	861	164	0	0	0	0.00	3.54	0
CO23245	OC-1115560889	5.83	0 1-	4ACSR	0	0	792	161	0	0	0	0.00	3.54	0
CO23109	CO23187	5.24	82 1-	4ACSR	0	0	892	164	498	68	49	0.50	3.95	411
CO23240	CO23109	5.25	7 1-	4ACSR	0	0	888	164	43	6	4	0.00	3.95	0
CO23242	CO23240	5.27	6 1-	4ACSR	0	0	884	163	43	6	4	0.00	3.96	0
CO23135	CO23242	5.33	1 1-	4ACSR	0	0	869	163	2	0	0	0.00	3.96	0
CO23241	CO23242	5.37	2 1-	4ACSR	0	0	858	162	7	0	1	0.00	3.96	0
CO23244	CO23242	5.36	3 1-	4ACSR	0	0	861	163	34	4	3	0.01	3.97	0
CO23243	CO23244	5.40	1 1-	4ACSR	0	0	852	162	9	1	1	0.00	3.97	0
CO23264	CO23109	5.25	75 1-	4ACSR	0	0	890	164	452	62	45	0.02	3.97	14
OC705	CO23264	5.25	75 1-	70 L OCR	0	0	890	164	452	62	90	0.00	3.97	0
CO23265	OC705	5.30	75 1-	4ACSR	0	0	876	163	452	62	45	0.16	4.13	117
CO23195	CO23265	5.32	75 1-	4ACSR	0	0	871	163	452	62	45	0.06	4.18	43
CO23193	CO23195	5.41	74 1-	4ACSR	0	0	849	162	442	61	44	0.24	4.43	176
CO23189	CO23193	5.51	73 1-	4ACSR	0	0	826	161	437	60	44	0.26	4.69	189
CO23191	CO23189	5.58	72 1-	4ACSR	0	0	809	160	433	60	43	0.21	4.90	153
CO23192	CO23191	5.68	72 1-	4ACSR	0	0	789	160	432	60	43	0.25	5.15	179
CO23190	CO23192	5.80	71 1-	4ACSR	0	0	762	158	429	60	43	0.34	5.49	239

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23194	CO23190	5.83	69 1-	4ACSR	0	0	758	158	415	58	42	0.06	5.55	44
CO23198	CO23194	6.01	68 1-	4ACSR	0	0	722	156	412	57	41	0.48	6.03	327
CO23199	CO23198	6.06	67 1-	4ACSR	0	0	714	156	400	56	40	0.11	6.14	72
CO23197	CO23199	6.16	66 1-	4ACSR	0	0	696	155	391	55	39	0.25	6.40	166
CO23154	CO23197	6.19	0 1-	2ACSR	0	0	692	155	0	0	0	0.00	6.40	0
CO23196	CO23197	6.22	64 1-	4ACSR	0	0	685	154	387	54	39	0.16	6.56	104
OC-1718054376	CO23196	6.22	63 1-	20 N FUSE	0	0	685	154	383	54	271	0.00	6.56	0
CO23200	OC-1718054376	6.31	63 1-	4ACSR	0	0	670	154	383	54	39	0.22	6.78	143
CO23239	CO23200	6.37	0 1-	4ACSR	0	0	661	153	0	0	0	0.00	6.78	0
CO23238	CO23239	6.45	0 1-	4ACSR	0	0	649	152	0	0	0	0.00	6.78	0
CO23201	CO23200	6.38	62 1-	4ACSR	0	0	659	153	382	54	39	0.16	6.94	102
CO23694	CO23201	6.57	61 1-	4ACSR	0	0	631	151	376	53	38	0.45	7.38	281
CO22967	CO23694	6.61	60 1-	4ACSR	0	0	625	151	361	51	37	0.09	7.47	53
CO22985	CO22967	6.72	57 1-	4ACSR	0	0	609	150	334	47	34	0.25	7.72	138
CO22986	CO22985	6.91	56 1-	4ACSR	0	0	585	149	324	46	33	0.38	8.10	208
CO22921	CO22986	6.98	1 1-	4ACSR	0	0	575	148	11	1	1	0.00	8.10	0
CO22983	CO22986	7.03	54 1-	4ACSR	0	0	570	148	309	44	32	0.24	8.33	126
CO22984	CO22983	7.15	53 1-	4ACSR	0	0	556	147	308	44	32	0.24	8.58	125
OC1103327543	CO22984	7.15	51 1-	20 N FUSE	0	0	556	147	292	42	210	0.00	8.58	0
CO22982	OC1103327543	7.19	51 1-	4ACSR	0	0	551	146	292	42	30	0.08	8.66	39
CO23684	CO22982	7.29	1 1-	4ACSR	0	0	540	145	10	1	1	0.00	8.66	0
CO22891	CO22982	7.28	50 1-	4ACSR	0	0	541	145	282	40	29	0.16	8.81	76
CO23685	CO22891	7.39	1 1-	4ACSR	0	0	529	145	3	0	0	0.00	8.81	0
CO22978	CO22891	7.33	48 1-	4ACSR	0	0	535	145	268	38	28	0.09	8.90	42
CO22979	CO22978	7.44	46 1-	4ACSR	0	0	524	144	258	37	27	0.18	9.08	79
CO23013	CO22979	7.55	46 1-	4ACSR	0	0	513	143	258	37	27	0.19	9.28	86
CO23014	CO23013	7.59	46 1-	4ACSR	0	0	509	143	258	37	27	0.07	9.34	29
CO22981	CO23014	7.63	45 1-	4ACSR	0	0	505	143	246	35	26	0.05	9.40	22
CO22980	CO22981	7.66	43 1-	4ACSR	0	0	502	142	235	34	24	0.05	9.45	21
CO22922	CO22980	7.82	1 1-	4ACSR	0	0	487	141	6	0	1	0.00	9.45	0
CO22994	CO22980	7.73	42 1-	4ACSR	0	0	496	142	229	33	24	0.10	9.55	38
CO22995	CO22994	7.84	41 1-	4ACSR	0	0	485	141	225	32	23	0.17	9.71	64
CO22958	CO22995	7.86	40 1-	4ACSR	0	0	484	141	216	31	22	0.03	9.74	11
CO22957	CO22958	7.91	39 1-	4ACSR	0	0	480	141	215	31	22	0.06	9.80	22
CO22993	CO22957	7.95	35 1-	4ACSR	0	0	476	140	176	25	18	0.05	9.85	16
CO23087	CO22993	7.98	33 1-	4ACSR	0	0	473	140	171	24	18	0.03	9.88	9
CO23088	CO23087	8.13	30 1-	4ACSR	0	0	461	139	150	21	16	0.14	10.03	36
OC1617453970	CO23088	8.13	27 1-	20 N FUSE	0	0	461	139	139	20	101	0.00	10.03	0
CO22992	OC1617453970	8.28	27 1-	4ACSR	0	0	449	138	139	20	14	0.14	10.16	33
CO22893	CO22992	8.35	27 1-	4ACSR	0	0	444	137	138	20	14	0.06	10.22	14
CO22991	CO22893	8.45	25 1-	4ACSR	0	0	436	137	130	18	14	0.08	10.31	18
CO23085	CO22991	8.46	24 1-	4ACSR	0	0	435	137	122	17	13	0.01	10.32	0
CO23086	CO23085	8.49	2 1-	4ACSR	0	0	433	136	7	1	1	0.00	10.32	0
CO23039	CO23085	8.48	22 1-	4ACSR	0	0	434	136	115	16	12	0.01	10.33	3
CO301519643	CO23039	8.57	22 1-	2ACSR	0	0	429	136	115	16	9	0.04	10.37	9
CO617925667	CO301519643	8.72	22 1-	2ACSR	0	0	421	135	115	16	9	0.08	10.45	14
CO-1225158946	CO617925667	8.77	21 1-	2ACSR	0	0	419	135	106	15	9	0.02	10.47	4
CO22926	CO-1225158946	8.83	21 1-	4ACSR	0	0	414	135	106	15	11	0.05	10.52	8
CO22894	CO22926	9.14	19 1-	4ACSR	0	0	395	132	91	13	10	0.18	10.70	29
CO22565	CO22894	9.17	18 1-	4ACSR	0	0	393	132	80	11	8	0.02	10.72	3
CO22590	CO22565	9.23	1 1-	4ACSR	0	0	390	132	3	0	0	0.00	10.72	0
CO22566	CO22565	9.27	15 1-	4ACSR	0	0	387	132	70	10	7	0.04	10.76	5

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22595	CO22566	9.32	2 1-	4ACSR	0	0	385	131	15	2	2	0.00	10.76	0
CO22649	CO22566	9.32	13 1-	4ACSR	0	0	385	131	55	8	6	0.02	10.78	0
CO22650	CO22649	9.37	12 1-	4ACSR	0	0	381	131	43	6	4	0.02	10.79	0
CO22651	CO22650	9.43	11 1-	4ACSR	0	0	378	131	40	5	4	0.02	10.81	0
CO22652	CO22651	9.45	9 1-	4ACSR	0	0	377	130	37	5	4	0.00	10.81	0
CO22655	CO22652	9.60	5 1-	4ACSR	0	0	369	129	23	3	2	0.01	10.83	0
CO30563	CO22655	9.65	2 1-	4ACSR	0	0	367	129	6	0	1	0.00	10.83	0
CO22592	CO30563	9.72	0 1-	4ACSR	0	0	363	129	0	0	0	0.00	10.83	0
CO22591	CO22652	9.54	4 1-	4ACSR	0	0	372	130	14	2	2	0.00	10.82	0
CO22653	CO22591	9.58	2 1-	4ACSR	0	0	370	130	2	0	0	0.00	10.82	0
CO22654	CO22653	9.61	1 1-	4ACSR	0	0	368	129	0	0	0	0.00	10.82	0
CO22955	CO22894	9.20	1 1-	2ACSR	0	0	392	132	11	1	1	0.00	10.70	0
CO22892	CO22926	8.96	0 1-	4ACSR	0	0	406	134	0	0	0	0.00	10.52	0
CO23848	CO22892	9.00	0 1-	4ACSR	0	0	403	133	0	0	0	0.00	10.52	0
CO23847	CO23848	9.06	0 1-	4ACSR	0	0	400	133	0	0	0	0.00	10.52	0
CO30647	CO23847	9.09	0 1-	4ACSR	0	0	398	133	0	0	0	0.00	10.52	0
CO30648	CO30647	9.09	0 1-	4ACSR	0	0	398	133	0	0	0	0.00	10.52	0
CO23687	CO22892	9.08	0 1-	4ACSR	0	0	399	133	0	0	0	0.00	10.52	0
CO22927	CO22926	8.88	1 1-	4ACSR	0	0	411	134	4	0	0	0.00	10.52	0
CO1175843558	CO301519643	8.67	0 1-	2ACSR	0	0	424	135	0	0	0	0.00	10.37	0
CO22925	CO22893	8.45	2 1-	4ACSR	0	0	436	137	9	1	1	0.00	10.23	0
CO22952	CO23087	8.12	1 1-	2ACSR	0	0	465	139	0	0	0	0.00	9.88	0
CO23006	CO22957	7.95	3 1-	4ACSR	0	0	476	140	33	4	3	0.01	9.81	0
CO23089	CO23006	8.16	3 1-	4ACSR	0	0	459	139	33	4	3	0.05	9.85	3
CO23050	CO23089	8.22	1 1-	2ACSR	0	0	455	138	6	0	0	0.00	9.86	0
CO23051	CO23050	8.26	1 1-	2ACSR	0	0	452	138	6	0	0	0.00	9.86	0
CO23090	CO23089	8.19	2 1-	4ACSR	0	0	456	139	27	3	3	0.00	9.86	0
CO22972	CO23090	8.23	1 1-	4ACSR	0	0	453	138	12	1	1	0.00	9.86	0
CO22924	CO22957	7.98	1 1-	4ACSR	0	0	473	140	5	0	1	0.00	9.80	0
CO22923	CO22957	7.98	0 1-	4ACSR	0	0	473	140	0	0	0	0.00	9.80	0
CO22929	CO22891	7.32	1 1-	4ACSR	0	0	537	145	10	1	1	0.00	8.81	0
CO22968	CO22967	6.66	2 1-	4ACSR	0	0	617	151	17	2	2	0.01	7.48	0
CO22987	CO22968	6.70	2 1-	4ACSR	0	0	612	150	17	2	2	0.00	7.48	0
CO22988	CO22987	6.78	1 1-	4ACSR	0	0	602	150	0	0	0	0.00	7.48	0
CO22969	CO22988	6.85	1 1-	4ACSR	0	0	592	149	0	0	0	0.00	7.48	0
CO22725	CO22969	7.02	1 1-	4ACSR	0	0	571	148	0	0	0	0.00	7.48	0
CO22726	CO22725	7.09	1 1-	4ACSR	0	0	562	147	0	0	0	0.00	7.48	0
CO23136	CO23194	6.02	1 1-	4ACSR	0	0	721	156	3	0	0	0.00	5.56	0
CO23681	CO23680	4.01	0 1-	4ACSR	0	0	1126	168	0	0	0	0.00	2.88	0
OC-157421614	CO23681	4.01	0 1-	20 N FUSE	0	0	1126	168	0	0	0	0.00	2.88	0
CO22766	CO22744	3.18	0 1-	4ACSR	0	0	1363	170	0	0	0	0.00	2.44	0
CO22765	CO22743	2.10	0 1-	4ACSR	0	0	1846	173	0	0	0	0.00	1.67	0
OC-1594467839	CO22765	2.10	0 1-	20 N FUSE	0	0	1846	173	0	0	0	0.00	1.67	0
CO22803	CO22809	1.99	9 3-	4/0ACSR	2496	2314	1961	174	40	1	1	0.00	1.63	0
CO22802	CO22803	2.14	8 3-	4/0ACSR	2390	2215	1866	174	38	1	1	0.00	1.63	0
CO22879	CO22802	2.15	8 1-	4ACSR	0	0	1859	174	38	5	4	0.00	1.63	0
OC696	CO22879	2.15	8 1-	50 L OCR	0	0	1859	174	38	5	0	0.00	1.63	0
CO22880	OC696	2.49	8 1-	4ACSR	0	0	1539	170	38	5	4	0.08	1.71	5
CO22742	CO22880	2.71	3 1-	4ACSR	0	0	1380	168	7	0	1	0.01	1.72	0
CO22763	CO22742	2.77	1 1-	4ACSR	0	0	1340	167	6	0	1	0.00	1.72	0
CO22808	CO22742	3.02	1 1-	4ACSR	0	0	1196	165	0	0	0	0.00	1.72	0
OC866718443	CO22808	3.02	1 1-	20 N FUSE	0	0	1196	165	0	0	0	0.00	1.72	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22807	OC866718443	3.12	1 1-	4ACSR	0	0	1150	164	0	0	0	0.00	1.72	0
CO30521	CO22807	3.26	0 1-	4ACSR	0	0	1085	162	0	0	0	0.00	1.72	0
CO28730	CO30521	3.36	0 1-	4ACSR	0	0	1041	161	0	0	0	0.00	1.72	0
CO28689	CO30521	3.35	0 1-	4ACSR	0	0	1045	161	0	0	0	0.00	1.72	0
CO28690	CO28689	3.45	0 1-	4ACSR	0	0	1008	161	0	0	0	0.00	1.72	0
CO28809	CO28690	3.71	0 1-	4ACSR	0	0	916	158	0	0	0	0.00	1.72	0
CO28810	CO28809	3.84	0 1-	4ACSR	0	0	875	157	0	0	0	0.00	1.72	0
CO30467	CO28810	3.92	0 1-	4ACSR	0	0	854	156	0	0	0	0.00	1.72	0
CO29153	CO30467	3.98	0 1-	4ACSR	0	0	838	156	0	0	0	0.00	1.72	0
CO29154	CO29153	4.03	0 1-	4ACSR	0	0	823	155	0	0	0	0.00	1.72	0
CO28732	CO28690	3.57	0 1-	4ACSR	0	0	964	159	0	0	0	0.00	1.72	0
CO28731	CO28689	3.38	0 1-	4ACSR	0	0	1032	161	0	0	0	0.00	1.72	0
CO22764	CO22807	3.24	0 1-	4ACSR	0	0	1090	162	0	0	0	0.00	1.72	0
CO22747	CO22880	2.52	4 1-	4ACSR	0	0	1521	170	30	4	3	0.00	1.71	0
CO22741	CO22747	2.77	3 1-	4ACSR	0	0	1341	167	27	3	3	0.04	1.76	0
CO22805	CO22741	2.96	2 1-	4ACSR	0	0	1229	165	19	2	2	0.02	1.78	0
CO22806	CO22805	3.12	2 1-	4ACSR	0	0	1147	164	19	2	2	0.01	1.79	0
CO22804	CO22806	3.25	1 1-	4ACSR	0	0	1086	162	10	1	1	0.00	1.80	0
CO22762	CO22741	2.85	1 1-	4ACSR	0	0	1294	166	8	1	1	0.00	1.76	0
CO22770	CO22747	2.64	1 1-	4ACSR	0	0	1432	169	4	0	0	0.00	1.72	0
CO22856	CO22880	2.59	1 1-	4ACSR	0	0	1467	169	1	0	0	0.00	1.71	0
CO22858	CO22856	2.61	1 1-	4ACSR	0	0	1448	169	1	0	0	0.00	1.71	0
CO22761	CO22792	1.49	2 1-	4ACSR	0	0	2370	175	19	2	2	0.00	1.23	0
OC1211168047	CO22761	1.49	0 1-	20 N FUSE	0	0	2370	175	0	0	0	0.00	1.23	0
CO22488	CO22486	0.02	1086 3-	750 MCM - 42 wi	6012	6223	6265	180	5928	267	23	0.01	0.02	37
Tollesboro	CO22488	0.02	1086 3-	560 200WVE	6012	6223	6265	180	5928	267	48	0.00	0.02	0
CO22364	Tollesboro	0.06	1086 3-	4/0ACSR	5864	5996	6026	180	5928	267	79	0.10	0.13	782
CO22365	CO22364	0.20	1086 3-	4/0ACSR	5350	5311	5245	179	5925	267	79	0.39	0.52	3009
CO22366	CO22365	0.24	1086 3-	4/0ACSR	5232	5176	5075	179	5911	267	79	0.10	0.62	768
CO22367	CO22366	0.31	1086 3-	4/0ACSR	5024	4942	4786	179	5907	267	79	0.19	0.80	1424
CO2054737601	CO22367	0.36	0 1-	2ACSR	0	0	4546	179	0	0	0	0.00	0.80	0
OC-1861156253	CO2054737601	0.36	0 1-	20 N FUSE	0	0	4546	179	0	0	0	0.00	0.80	0
CO22046	CO22367	0.36	2 1-	4ACSR	0	0	4516	178	16	2	2	0.00	0.81	0
OC-1372900105	CO22046	0.36	0 1-	20 N FUSE	0	0	4516	178	0	0	0	0.00	0.81	0
CO22148	CO22367	0.66	1054 3-	1/0CU	4178	4015	3697	178	5789	262	85	1.08	1.88	8721
CO22386	CO22148	0.75	1052 3-	1/0CU	4007	3833	3497	177	5742	262	85	0.26	2.14	2147
CO22387	CO22386	0.95	1052 3-	1/0CU	3645	3452	3092	177	5732	262	85	0.63	2.78	5156
CO22161	CO22387	1.10	1026 3-	1/0CU	3428	3227	2860	176	5632	259	84	0.43	3.21	3483
CO22162	CO22161	1.12	1025 3-	1/0CU	3392	3190	2823	176	5607	258	83	0.08	3.29	618
CO22506	CO22162	1.13	119 3-	1/0ACSR	3380	3178	2811	176	720	32	14	0.00	3.29	4
OC671	CO22506	1.13	119 3-	70 L OCR	3380	3178	2811	176	720	32	47	0.00	3.29	0
CO22507	OC671	1.18	119 3-	1/0ACSR	3306	3101	2736	176	720	32	14	0.02	3.31	28
CO22438	CO22507	1.25	119 3-	1/0ACSR	3185	2977	2615	176	719	32	14	0.04	3.36	47
CO22439	CO22438	1.28	119 3-	1/0ACSR	3138	2929	2569	175	719	32	14	0.02	3.37	19
CO22189	CO22439	1.32	117 3-	1/0ACSR	3078	2868	2511	175	712	32	14	0.02	3.39	25
CO21977	CO22189	1.41	2 1-	4ACSR	0	0	2352	174	10	1	1	0.00	3.40	0
OC654316087	CO21977	1.41	0 1-	20 N FUSE	0	0	2352	174	0	0	0	0.00	3.40	0
CO21976	CO22189	1.37	1 1-	4ACSR	0	0	2421	175	6	0	1	0.00	3.40	0
OC395791601	CO21976	1.37	0 1-	20 N FUSE	0	0	2421	175	0	0	0	0.00	3.40	0
CO22075	CO22189	1.36	114 3-	1/0ACSR	3031	2825	2466	175	696	31	14	0.02	3.41	19
CO22074	CO22075	1.42	112 3-	1/0ACSR	2946	2746	2385	175	689	31	14	0.03	3.44	35

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30544	CO22074	1.46	1 1-	4ACSR	0	0	2318	174	3	0	0	0.00	3.45	0
OC778245801	CO30544	1.46	0 1-	20 N FUSE	0	0	2318	174	0	0	0	0.00	3.45	0
CO21978	CO22074	1.48	1 1-	4ACSR	0	0	2270	174	3	0	0	0.00	3.45	0
OC753541253	CO21978	1.48	0 1-	20 N FUSE	0	0	2270	174	0	0	0	0.00	3.45	0
CO22137	CO22074	1.46	110 3-	1/0ACSR	2893	2697	2335	175	682	31	14	0.02	3.47	22
CO-1919219193	CO22137	1.49	2 1-	2ACSR	0	0	2283	174	15	2	1	0.00	3.47	0
OC2090238449	CO-1919219193	1.49	0 1-	20 N FUSE	0	0	2283	174	0	0	0	0.00	3.47	0
CO22136	CO22137	1.49	107 3-	1/0ACSR	2846	2654	2290	174	659	30	13	0.02	3.48	19
CO22060	CO22136	1.61	107 3-	1/0ACSR	2703	2522	2158	174	659	30	13	0.06	3.54	62
CO21938	CO22060	1.68	11 1-	4ACSR	0	0	2065	173	78	10	8	0.03	3.57	3
OC1426360877	CO21938	1.68	9 1-	20 N FUSE	0	0	2065	173	56	7	39	0.00	3.57	0
CO22174	OC1426360877	1.78	9 1-	4ACSR	0	0	1932	172	56	7	6	0.03	3.60	3
CO22175	CO22174	1.83	8 1-	4ACSR	0	0	1872	172	48	6	5	0.01	3.61	0
CO22176	CO22175	1.86	7 1-	4ACSR	0	0	1828	171	30	4	3	0.00	3.62	0
CO22177	CO22176	1.93	4 1-	4ACSR	0	0	1757	170	9	1	1	0.00	3.62	0
CO21951	CO22177	2.08	2 1-	4ACSR	0	0	1605	169	4	0	0	0.00	3.62	0
CO22000	CO21951	2.15	2 1-	4ACSR	0	0	1538	168	4	0	0	0.00	3.63	0
CO21954	CO21951	2.14	0 1-	4ACSR	0	0	1550	168	0	0	0	0.00	3.62	0
CO22508	CO21954	2.15	0 1-	4ACSR	0	0	1544	168	0	0	0	0.00	3.62	0
CO22531	CO22177	1.93	0 1-	4ACSR	0	0	1750	170	0	0	0	0.00	3.62	0
CO22525	CO22060	1.62	0 1-	4ACSR	0	0	2148	174	0	0	0	0.00	3.54	0
SW675-A	CO22525	1.62	0 1-	Open	0	0	2148	174	0	0	0	0.00	3.54	0
CO22172	CO22060	1.64	96 3-	1/0ACSR	2668	2490	2126	174	581	26	12	0.01	3.56	13
CO22173	CO22172	1.67	96 3-	1/0ACSR	2642	2465	2102	174	581	26	12	0.01	3.57	9
CO21979	CO22173	1.73	1 1-	4ACSR	0	0	2013	173	6	0	1	0.00	3.57	0
OC-1830501465	CO21979	1.73	0 1-	20 N FUSE	0	0	2013	173	0	0	0	0.00	3.57	0
CO22303	CO22173	1.76	92 3-	1/0ACSR	2546	2377	2015	173	549	25	11	0.04	3.61	33
CO22472	CO22303	1.78	92 3-	1/0ACSR	2519	2352	1991	173	549	25	11	0.01	3.62	9
CO22471	CO22472	1.81	92 3-	1/0ACSR	2488	2324	1964	173	549	25	11	0.01	3.63	11
CO30561	CO22471	1.88	92 3-	1/0ACSR	2420	2261	1903	172	549	25	11	0.03	3.66	25
CO22422	CO30561	1.92	87 3-	1/0ACSR	2389	2233	1876	172	512	23	10	0.01	3.67	10
CO22421	CO22422	1.99	87 3-	1/0ACSR	2325	2174	1820	172	512	23	10	0.03	3.70	22
CO-1985888271	CO22421	2.03	85 3-	2ACSR	2285	2138	1785	172	484	22	12	0.02	3.72	18
CO1017070327	CO-1985888271	2.11	1 1-	2ACSR	0	0	1717	171	13	1	1	0.00	3.73	0
OC-635809710	CO1017070327	2.11	0 1-	20 N FUSE	0	0	1717	171	0	0	0	0.00	3.73	0
CO1734333221	CO-1985888271	2.08	84 3-	2ACSR	2237	2095	1745	171	471	21	12	0.03	3.75	20
CO22539	CO1734333221	2.15	84 3-	1/0ACSR	2176	2039	1693	171	471	21	9	0.03	3.78	21
CO22468	CO22539	2.18	84 3-	1/0ACSR	2152	2017	1672	171	471	21	9	0.01	3.79	9
CO22470	CO22468	2.22	83 3-	1/0ACSR	2123	1990	1647	171	471	21	9	0.01	3.80	10
CO22469	CO22470	2.29	83 3-	1/0ACSR	2078	1948	1609	170	471	21	9	0.02	3.83	17
CO21998	CO22469	2.36	1 1-	4ACSR	0	0	1549	170	1	0	0	0.00	3.83	0
OC98185114	CO21998	2.36	0 1-	20 N FUSE	0	0	1549	170	0	0	0	0.00	3.83	0
CO22182	CO22469	2.38	51 1-	4ACSR	0	0	1529	169	323	44	32	0.19	4.01	98
OC-648432149	CO22182	2.38	49 1-	20 N FUSE	0	0	1529	169	310	42	215	0.00	4.01	0
CO22183	OC-648432149	2.49	49 1-	4ACSR	0	0	1448	168	310	42	31	0.20	4.21	103
CO21939	CO22183	2.53	47 1-	4ACSR	0	0	1417	168	297	41	29	0.08	4.29	39
CO21982	CO21939	2.61	1 1-	4ACSR	0	0	1365	167	11	1	1	0.00	4.29	0
CO21981	CO21939	2.55	1 1-	4ACSR	0	0	1399	168	11	1	1	0.00	4.29	0
CO22178	CO21939	2.65	45 1-	4ACSR	0	0	1338	167	275	38	27	0.20	4.49	90
CO22179	CO22178	2.75	44 1-	4ACSR	0	0	1272	166	273	37	27	0.18	4.66	79
CO30526	CO22179	2.84	39 1-	4ACSR	0	0	1221	165	218	30	22	0.12	4.79	44
CO28307	CO30526	3.09	15 1-	4ACSR	0	0	1098	162	108	15	11	0.16	4.95	29

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28493	CO28307	3.11	13 1-	4ACSR	0	0	1091	162	97	13	10	0.01	4.96	0
CO28494	CO28493	3.24	13 1-	4ACSR	0	0	1035	161	97	13	10	0.08	5.04	13
CO30527	CO28494	3.29	1 1-	4ACSR	0	0	1014	160	10	1	1	0.00	5.04	0
CO28306	CO28494	3.46	10 1-	4ACSR	0	0	952	159	66	9	7	0.09	5.13	10
CO28347	CO28306	3.54	3 1-	4ACSR	0	0	926	158	20	2	2	0.01	5.14	0
CO-1995072274	CO28347	3.62	2 1-	2ACSR	0	0	906	158	9	1	1	0.00	5.14	0
CO28497	CO28306	3.49	7 1-	4ACSR	0	0	942	158	46	6	5	0.01	5.14	0
CO28498	CO28497	3.57	4 1-	4ACSR	0	0	915	158	26	3	3	0.01	5.15	0
CO22103	CO28498	3.62	3 1-	4ACSR	0	0	900	157	18	2	2	0.00	5.15	0
CO22185	CO22103	3.64	2 1-	4ACSR	0	0	894	157	14	1	1	0.00	5.15	0
CO22186	CO22185	3.68	1 1-	4ACSR	0	0	883	157	5	0	1	0.00	5.16	0
CO22184	CO22186	3.79	0 1-	4ACSR	0	0	852	156	0	0	0	0.00	5.16	0
CO28495	CO28494	3.31	2 1-	4ACSR	0	0	1006	160	21	2	2	0.01	5.05	0
CO28496	CO28495	3.40	1 1-	4ACSR	0	0	973	159	11	1	1	0.01	5.05	0
CO-1483629372	CO28496	3.46	1 1-	2ACSR	0	0	957	159	11	1	1	0.00	5.05	0
CO28489	CO28307	3.17	1 1-	4ACSR	0	0	1062	161	8	1	1	0.00	4.95	0
CO28490	CO28489	3.24	1 1-	4ACSR	0	0	1036	161	8	1	1	0.00	4.96	0
CO28491	CO28490	3.30	1 1-	4ACSR	0	0	1011	160	8	1	1	0.00	4.96	0
CO28492	CO28491	3.37	0 1-	4ACSR	0	0	987	160	0	0	0	0.00	4.96	0
CO28323	CO30526	2.88	3 1-	4ACSR	0	0	1203	164	21	2	2	0.00	4.79	0
CO28488	CO28323	2.91	3 1-	4ACSR	0	0	1187	164	21	2	2	0.00	4.79	0
CO28345	CO28488	2.95	1 1-	4ACSR	0	0	1165	164	10	1	1	0.00	4.80	0
CO28487	CO28488	2.95	2 1-	4ACSR	0	0	1165	164	11	1	1	0.00	4.80	0
CO28586	CO28487	2.98	2 1-	4ACSR	0	0	1148	163	11	1	1	0.00	4.80	0
CO28585	CO28586	2.99	0 1-	4ACSR	0	0	1145	163	0	0	0	0.00	4.80	0
CO28499	CO30526	2.88	19 1-	4ACSR	0	0	1199	164	86	11	9	0.02	4.81	3
CO28500	CO28499	3.03	17 1-	4ACSR	0	0	1128	163	78	10	8	0.07	4.87	8
CO138969700	CO28500	3.16	1 1-	2ACSR	0	0	1080	162	1	0	0	0.00	4.87	0
CO28501	CO28500	3.11	15 1-	4ACSR	0	0	1090	162	71	9	7	0.04	4.91	4
CO28502	CO28501	3.16	12 1-	4ACSR	0	0	1070	162	53	7	5	0.01	4.92	0
CO30525	CO28502	3.21	7 1-	4ACSR	0	0	1046	161	36	5	4	0.01	4.93	0
CO22312	CO30525	3.25	5 1-	4ACSR	0	0	1033	161	22	3	2	0.00	4.94	0
CO22350	CO22312	3.31	3 1-	4ACSR	0	0	1007	160	22	3	2	0.01	4.95	0
CO30524	CO22350	3.48	2 1-	2ACSR	0	0	959	159	18	2	1	0.01	4.96	0
CO28503	CO30524	3.60	2 1-	2ACSR	0	0	927	158	18	2	1	0.01	4.97	0
CO28504	CO28503	3.69	2 1-	2ACSR	0	0	905	158	18	2	1	0.01	4.97	0
CO28505	CO28504	3.78	2 1-	2ACSR	0	0	884	157	18	2	1	0.01	4.98	0
CO28506	CO28505	3.86	2 1-	2ACSR	0	0	867	157	18	2	1	0.01	4.99	0
CO28507	CO28506	3.94	1 1-	2ACSR	0	0	849	156	16	2	1	0.01	4.99	0
CO28508	CO28507	4.03	1 1-	2ACSR	0	0	831	156	16	2	1	0.01	5.00	0
CO28509	CO28508	4.06	1 1-	2ACSR	0	0	824	155	16	2	1	0.00	5.00	0
CO28510	CO28509	4.10	1 1-	2ACSR	0	0	817	155	16	2	1	0.00	5.00	0
CO28367	CO28510	4.16	1 1-	1/0PRIURD	0	0	808	327	16	2	2	0.00	5.00	0
CO28511	CO28510	4.13	0 1-	2ACSR	0	0	810	155	0	0	0	0.00	5.00	0
CO28512	CO28511	4.15	0 1-	2ACSR	0	0	807	155	0	0	0	0.00	5.00	0
CO22351	CO22350	3.34	1 1-	4ACSR	0	0	997	160	4	0	0	0.00	4.95	0
CO1321848753	CO22351	3.36	0 1-	2ACSR	0	0	991	160	0	0	0	0.00	4.95	0
CO-766773170	CO1321848753	3.38	0 1-	2ACSR	0	0	984	160	0	0	0	0.00	4.95	0
CO-130284181	CO22351	3.43	1 1-	2ACSR	0	0	972	159	4	0	0	0.00	4.95	0
CO409416342	CO-130284181	3.50	1 1-	2ACSR	0	0	951	159	4	0	0	0.00	4.95	0
CO328862457	CO28501	3.16	2 1-	2ACSR	0	0	1073	162	17	2	1	0.00	4.91	0
CO819961856	CO328862457	3.22	1 1-	2ACSR	0	0	1054	161	7	1	1	0.00	4.91	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22092	CO22179	2.81	4 1-	4ACSR	0	0	1240	165	43	5	4	0.01	4.68	0
CO21980	CO22092	2.87	1 1-	4ACSR	0	0	1204	164	10	1	1	0.00	4.68	0
CO22091	CO22092	2.90	2 1-	4ACSR	0	0	1189	164	22	3	2	0.01	4.68	0
CO22180	CO22183	2.58	2 1-	4ACSR	0	0	1379	167	13	1	1	0.01	4.22	0
CO22181	CO22180	2.60	1 1-	4ACSR	0	0	1368	167	11	1	1	0.00	4.22	0
CO22311	CO22469	2.32	31 1-	6HDCU	0	0	1583	170	147	20	16	0.03	3.85	6
CO22310	CO22311	2.34	30 1-	6HDCU	0	0	1561	170	138	19	15	0.02	3.87	5
CO21955	CO22310	2.45	25 1-	6HDCU	0	0	1476	169	108	14	11	0.07	3.94	12
OC-169784924	CO21955	2.45	24 1-	20 N FUSE	0	0	1476	169	97	13	67	0.00	3.94	0
CO21950	OC-169784924	2.60	23 1-	6HDCU	0	0	1372	167	92	12	10	0.08	4.02	12
CO21949	CO21950	2.69	15 1-	6HDCU	0	0	1312	166	68	9	7	0.04	4.06	4
CO21997	CO21949	2.75	1 1-	4ACSR	0	0	1276	166	1	0	0	0.00	4.06	0
CO21948	CO21949	2.98	14 1-	6HDCU	0	0	1157	163	67	9	7	0.12	4.18	13
CO21947	CO21948	3.14	10 1-	6HDCU	0	0	1081	162	50	6	5	0.05	4.23	4
CO22003	CO21947	3.33	0 1-	4ACSR	0	0	1004	160	0	0	0	0.00	4.23	0
CO22188	CO21947	3.31	10 1-	6HDCU	0	0	1012	160	50	6	5	0.05	4.28	4
CO22187	CO22188	3.40	10 1-	6HDCU	0	0	979	159	50	6	5	0.03	4.30	2
CO21946	CO22187	3.47	9 1-	6HDCU	0	0	954	159	41	5	4	0.01	4.32	0
CO23736	CO21946	3.54	3 1-	6HDCU	0	0	931	158	19	2	2	0.01	4.33	0
CO21443	CO23736	3.56	3 1-	6HDCU	0	0	927	158	19	2	2	0.00	4.33	0
CO21442	CO21443	3.61	2 1-	6HDCU	0	0	912	158	15	2	2	0.00	4.33	0
CO21441	CO21442	3.66	2 1-	6HDCU	0	0	893	157	15	2	2	0.01	4.34	0
CO21367	CO21441	3.82	2 1-	6HDCU	0	0	849	156	15	2	2	0.01	4.35	0
OC1628589574	CO21367	3.82	2 1-	20 N FUSE	0	0	849	156	15	2	11	0.00	4.35	0
CO21530	OC1628589574	3.91	2 1-	6HDCU	0	0	825	155	15	2	2	0.01	4.36	0
CO21409	CO21530	3.96	1 1-	2ACSR	0	0	815	155	9	1	1	0.00	4.36	0
CO21415	CO21409	4.03	1 1-	1/0PRIURD	0	0	805	325	9	1	1	0.00	4.36	0
CO21529	CO21530	4.01	1 1-	6HDCU	0	0	801	154	7	0	1	0.00	4.36	0
CO21531	CO21529	4.07	0 1-	6HDCU	0	0	787	154	0	0	0	0.00	4.36	0
CO21394	OC1628589574	3.87	0 1-	6HDCU	0	0	837	155	0	0	0	0.00	4.35	0
CO21395	CO21441	3.71	0 1-	6HDCU	0	0	879	157	0	0	0	0.00	4.34	0
CO22196	CO21946	3.55	3 1-	6HDCU	0	0	928	158	7	1	1	0.00	4.32	0
CO22197	CO22196	3.62	1 1-	6HDCU	0	0	908	157	0	0	0	0.00	4.32	0
CO22194	CO22187	3.47	1 1-	4ACSR	0	0	956	159	8	1	1	0.00	4.31	0
CO22195	CO22194	3.55	0 1-	4ACSR	0	0	930	158	0	0	0	0.00	4.31	0
CO21952	CO21948	3.13	4 1-	4ACSR	0	0	1085	162	17	2	2	0.02	4.19	0
OC306311388	CO21952	3.13	3 1-	20 N FUSE	0	0	1085	162	16	2	11	0.00	4.19	0
CO22102	OC306311388	3.18	2 1-	4ACSR	0	0	1065	161	5	0	0	0.00	4.19	0
CO22426	CO22102	3.24	1 1-	4ACSR	0	0	1041	161	2	0	0	0.00	4.19	0
CO22425	CO22426	3.27	1 1-	4ACSR	0	0	1026	161	2	0	0	0.00	4.19	0
CO22002	OC306311388	3.30	1 1-	4ACSR	0	0	1016	160	11	1	1	0.01	4.20	0
CO22396	CO21950	2.78	7 1-	6HDCU	0	0	1263	165	22	3	2	0.02	4.05	0
OC755099206	CO22396	2.78	7 1-	20 N FUSE	0	0	1263	165	22	3	15	0.00	4.05	0
CO22395	OC755099206	2.93	7 1-	6HDCU	0	0	1180	164	22	3	2	0.02	4.07	0
CO22004	CO22395	2.97	1 1-	6HDCU	0	0	1162	164	5	0	1	0.00	4.07	0
CO21953	CO22395	3.04	6 1-	6HDCU	0	0	1128	163	17	2	2	0.01	4.08	0
CO22411	CO21953	3.12	1 1-	4ACSR	0	0	1091	162	0	0	0	0.00	4.08	0
CO22410	CO22411	3.21	1 1-	4ACSR	0	0	1052	161	0	0	0	0.00	4.08	0
CO22107	CO21953	3.13	2 1-	4ACSR	0	0	1085	162	5	0	0	0.00	4.08	0
CO22106	CO22107	3.34	0 1-	4ACSR	0	0	999	160	0	0	0	0.00	4.08	0
CO22105	CO21953	3.14	3 1-	4ACSR	0	0	1080	162	12	1	1	0.01	4.08	0
CO22104	CO22105	3.18	2 1-	4ACSR	0	0	1065	161	6	0	1	0.00	4.08	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22428	CO22104	3.31	1 1-	4ACSR	0	0	1013	160	6	0	1	0.00	4.09	0
CO22427	CO22428	3.36	1 1-	4ACSR	0	0	994	160	6	0	1	0.00	4.09	0
CO22047	OC-169784924	2.50	1 1-	2ACSR	0	0	1447	168	5	0	0	0.00	3.94	0
CO22528	OC-169784924	2.46	0 1-	4ACSR	0	0	1471	169	0	0	0	0.00	3.94	0
CO21999	CO22310	2.44	3 1-	4ACSR	0	0	1485	169	20	2	2	0.01	3.88	0
CO22082	CO30561	1.91	4 1-	4ACSR	0	0	1871	172	27	3	3	0.00	3.66	0
OC1788003674	CO22082	1.91	3 1-	20 N FUSE	0	0	1871	172	18	2	12	0.00	3.66	0
CO22081	OC1788003674	1.96	3 1-	4ACSR	0	0	1819	172	18	2	2	0.00	3.67	0
CO22527	CO22081	1.96	0 1-	4ACSR	0	0	1812	172	0	0	0	0.00	3.67	0
CO22001	CO22081	2.04	1 1-	4ACSR	0	0	1735	171	3	0	0	0.00	3.67	0
CO22163	CO22162	1.17	906 3-	1/0CU	3336	3133	2765	176	4885	225	73	0.11	3.39	741
CO22436	CO22163	1.22	905 3-	1/0CU	3265	3060	2692	176	4877	225	73	0.14	3.53	989
CO22435	CO22436	1.25	905 3-	1/0CU	3222	3017	2649	176	4872	225	73	0.09	3.62	601
CO21940	CO22435	1.32	903 3-	1/0CU	3135	2928	2561	176	4866	225	73	0.18	3.80	1294
CO22441	CO21940	1.34	890 3-	1/0CU	3112	2906	2538	175	4809	223	72	0.05	3.85	338
CO22440	CO22441	1.35	890 3-	1/0CU	3098	2892	2524	175	4807	223	72	0.03	3.88	212
CO22190	CO22440	1.39	888 3-	1/0CU	3057	2850	2484	175	4802	222	72	0.09	3.97	636
CO22191	CO22190	1.42	886 3-	1/0CU	3020	2813	2447	175	4795	222	72	0.08	4.06	578
CO22327	CO22191	1.46	8 1-	4ACSR	0	0	2379	175	35	4	3	0.01	4.06	0
CO22007	CO22327	1.47	7 1-	1/0PRIURD	0	0	2365	440	34	4	3	0.00	4.07	0
CO22319	CO22007	1.58	5 1-	1/0PRIURD	0	0	2254	437	22	3	2	0.00	4.07	0
CO-1111749743	CO22319	1.65	2 1-	1/0PRIURD	0	0	2197	434	13	1	1	0.00	4.07	0
CO-251639058	CO-1111749743	1.69	0 1-	1/0PRIURD	0	0	2165	432	0	0	0	0.00	4.07	0
CO-1126418795	CO-1111749743	1.74	2 1-	1/0PRIURD	0	0	2130	431	13	1	1	0.00	4.08	0
CO1946455801	CO-1126418795	1.77	2 1-	1/0PRIURD	0	0	2107	429	13	1	1	0.00	4.08	0
CO-1428076018	CO1946455801	1.77	2 1-	1/0PRIURD	0	0	2103	429	13	1	1	0.00	4.08	0
CO161402883	CO-1428076018	1.80	2 1-	1/0PRIURD	0	0	2086	428	13	1	1	0.00	4.08	0
CO-2029845015	CO161402883	1.85	1 1-	1/0PRIURD	0	0	2050	427	6	0	1	0.00	4.08	0
CO22328	CO22327	1.50	1 1-	1/0PRIURD	0	0	2342	439	0	0	0	0.00	4.06	0
CO22389	CO22191	1.44	878 3-	1/0CU	3003	2796	2431	175	4757	221	71	0.04	4.10	269
CO22388	CO22389	1.51	878 3-	1/0CU	2923	2715	2352	175	4756	221	71	0.19	4.29	1315
CO21985	CO22388	1.56	5 1-	4ACSR	0	0	2273	174	15	2	1	0.00	4.29	0
CO21941	CO22388	1.59	873 3-	1/0CU	2840	2639	2273	175	4735	220	71	0.20	4.49	1404
CO21986	CO21941	1.61	2 1-	4ACSR	0	0	2251	175	18	2	2	0.00	4.49	0
CO22094	CO21941	1.63	5 1-	4ACSR	0	0	2219	174	23	3	2	0.00	4.50	0
CO22325	CO22094	1.68	3 1-	4ACSR	0	0	2134	174	17	2	2	0.01	4.50	0
CO21987	CO22325	1.77	1 1-	4ACSR	0	0	2008	173	9	1	1	0.00	4.50	0
CO22326	CO22325	1.83	2 1-	4ACSR	0	0	1936	172	8	1	1	0.00	4.50	0
CO22391	CO21941	1.75	866 3-	1/0CU	2689	2497	2130	174	4689	218	71	0.40	4.89	2761
CO22390	CO22391	1.78	866 3-	1/0CU	2663	2473	2106	174	4676	218	71	0.07	4.97	497
CO22008	CO22390	1.88	1 1-	4ACSR	0	0	1980	173	2	0	0	0.00	4.97	0
CO22096	CO22390	1.85	1 1-	4ACSR	0	0	2013	173	2	0	0	0.00	4.97	0
CO22095	CO22096	1.87	1 1-	4ACSR	0	0	1988	173	2	0	0	0.00	4.97	0
CO22464	CO22390	1.87	864 3-	1/0CU	2590	2405	2039	174	4670	218	70	0.21	5.18	1459
CO22463	CO22464	1.93	864 3-	1/0CU	2544	2361	1996	174	4663	218	70	0.14	5.32	973
CO22465	CO22463	2.02	864 3-	1/0CU	2471	2294	1930	173	4659	218	70	0.23	5.55	1579
CO22280	CO22465	2.08	863 3-	1/0CU	2428	2254	1891	173	4645	218	70	0.14	5.70	986
CO22193	CO22280	2.09	862 3-	1/0CU	2421	2247	1885	173	4631	217	70	0.02	5.72	170
CO22304	CO22193	2.11	61 1-	4ACSR	0	0	1855	173	260	36	26	0.04	5.76	18
CO22305	CO22304	2.15	60 1-	4ACSR	0	0	1814	172	253	35	25	0.06	5.82	26
CO22442	CO22305	2.17	2 1-	4ACSR	0	0	1790	172	7	0	1	0.00	5.82	0
CO22540	CO22442	2.20	0 1-	4ACSR	0	0	1761	172	0	0	0	0.00	5.82	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22295	CO22305	2.20	58 1-	4ACSR	0	0	1761	172	246	34	25	0.08	5.90	32
CO22296	CO22295	2.23	58 1-	4ACSR	0	0	1736	172	246	34	25	0.04	5.94	16
CO22534	CO22296	2.23	31 1-	4ACSR	0	0	1729	171	88	12	9	0.00	5.94	0
OC668	CO22534	2.23	31 1-	35 L OCR	0	0	1729	171	88	12	35	0.00	5.94	0
CO22535	OC668	2.26	31 1-	4ACSR	0	0	1698	171	88	12	9	0.02	5.96	2
CO22210	CO22535	2.37	30 1-	4ACSR	0	0	1600	170	83	11	8	0.05	6.01	7
CO22211	CO22210	2.42	29 1-	4ACSR	0	0	1559	169	79	11	8	0.02	6.04	3
CO80089647	CO22211	2.44	28 1-	2ACSR	0	0	1544	169	75	10	6	0.01	6.04	0
CO1805294701	CO80089647	2.47	1 1-	2ACSR	0	0	1523	169	5	0	0	0.00	6.05	0
CO-112368577	CO80089647	2.53	27 1-	2ACSR	0	0	1485	169	69	9	5	0.03	6.07	3
CO22448	CO-112368577	2.56	27 1-	4ACSR	0	0	1467	168	69	9	7	0.01	6.08	0
CO22208	CO22448	2.59	26 1-	4ACSR	0	0	1441	168	66	9	7	0.01	6.10	0
CO22209	CO22208	2.71	24 1-	4ACSR	0	0	1360	167	60	8	6	0.04	6.14	4
CO22206	CO22209	2.80	23 1-	4ACSR	0	0	1299	166	53	7	5	0.03	6.17	3
CO22207	CO22206	2.87	22 1-	4ACSR	0	0	1260	165	48	6	5	0.02	6.19	0
CO22040	CO22207	2.91	3 1-	4/0ACSR	0	0	1247	165	8	1	0	0.00	6.19	0
CO22042	CO22040	2.97	1 1-	2ACSR	0	0	1221	165	6	0	0	0.00	6.19	0
CO22203	CO22207	2.95	19 1-	4ACSR	0	0	1217	165	40	5	4	0.02	6.21	0
CO22204	CO22203	3.00	16 1-	4ACSR	0	0	1187	164	34	4	3	0.01	6.22	0
CO22205	CO22204	3.03	13 1-	4ACSR	0	0	1173	164	31	4	3	0.01	6.22	0
CO22447	CO22205	3.11	10 1-	4ACSR	0	0	1134	163	27	3	3	0.01	6.24	0
CO22446	CO22447	3.13	10 1-	4ACSR	0	0	1124	163	27	3	3	0.00	6.24	0
CO21974	CO22446	3.24	8 1-	4ACSR	0	0	1073	162	20	2	2	0.01	6.25	0
CO22018	CO21974	3.45	1 1-	4ACSR	0	0	988	160	8	1	1	0.01	6.26	0
CO21962	CO21974	3.31	5 1-	4ACSR	0	0	1045	161	8	1	1	0.00	6.26	0
CO22275	CO21962	3.40	4 1-	4ACSR	0	0	1008	160	5	0	1	0.00	6.26	0
CO22276	CO22275	3.45	2 1-	4ACSR	0	0	990	160	3	0	0	0.00	6.26	0
CO22213	CO22276	3.52	0 1-	4ACSR	0	0	964	159	0	0	0	0.00	6.26	0
CO22019	CO21962	3.36	1 1-	4ACSR	0	0	1023	160	3	0	0	0.00	6.26	0
CO22017	CO22446	3.17	2 1-	4ACSR	0	0	1105	162	8	1	1	0.00	6.24	0
CO22016	CO22448	2.61	1 1-	4ACSR	0	0	1425	168	3	0	0	0.00	6.08	0
CO22393	CO22296	2.30	27 1-	4ACSR	0	0	1662	171	158	22	16	0.07	6.01	20
CO22392	CO22393	2.32	27 1-	4ACSR	0	0	1645	171	158	22	16	0.02	6.03	5
CO22394	CO22392	2.49	27 1-	4ACSR	0	0	1500	169	158	22	16	0.17	6.20	45
CO21942	CO22394	2.87	4 1-	4ACSR	0	0	1246	165	14	1	1	0.03	6.23	0
CO22097	CO21942	3.08	2 1-	4ACSR	0	0	1137	163	2	0	0	0.00	6.23	0
CO23737	CO22097	3.21	1 1-	4ACSR	0	0	1078	162	2	0	0	0.00	6.24	0
CO22062	CO21942	3.02	2 1-	4HDCU	0	0	1182	164	12	1	1	0.00	6.24	0
CO22420	CO22062	3.08	1 1-	4HDCU	0	0	1159	163	0	0	0	0.00	6.24	0
CO22419	CO22420	3.15	1 1-	4HDCU	0	0	1133	163	0	0	0	0.00	6.24	0
CO22533	CO22394	2.77	23 1-	4ACSR	0	0	1304	166	144	20	14	0.25	6.45	61
CO22404	CO22533	2.78	23 1-	4ACSR	0	0	1297	166	144	20	14	0.01	6.46	3
CO22405	CO22404	2.80	23 1-	4ACSR	0	0	1286	166	144	20	14	0.02	6.48	4
CO22329	CO22405	2.98	4 1-	4ACSR	0	0	1186	164	22	3	2	0.02	6.50	0
CO22474	CO22329	3.20	2 1-	4ACSR	0	0	1082	162	20	2	2	0.03	6.53	0
CO22473	CO22474	3.35	2 1-	4ACSR	0	0	1019	160	20	2	2	0.02	6.55	0
CO22021	CO22473	3.40	1 1-	4ACSR	0	0	997	160	3	0	0	0.00	6.55	0
CO22020	CO22473	3.40	1 1-	4ACSR	0	0	997	160	17	2	2	0.00	6.55	0
CO22022	CO22329	3.04	1 1-	4ACSR	0	0	1157	163	2	0	0	0.00	6.50	0
CO22340	CO22405	2.81	19 1-	2ACSR	0	0	1280	166	122	17	10	0.01	6.48	0
CO22538	CO22340	2.84	15 1-	2ACSR	0	0	1270	165	103	14	8	0.01	6.49	0
CO22339	CO22538	2.88	13 1-	2ACSR	0	0	1248	165	89	12	7	0.02	6.51	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22320	CO22339	2.96	13 1-	1/0PRIURD	0	0	1221	378	89	12	8	0.02	6.53	2
CO22321	CO22320	3.02	8 1-	1/0PRIURD	0	0	1202	376	58	8	5	0.01	6.53	0
CO22318	CO22321	3.08	3 1-	1/0PRIURD	0	0	1184	374	18	2	2	0.00	6.54	0
CO22317	CO22318	3.19	0 1-	1/0PRIURD	0	0	1151	372	0	0	0	0.00	6.54	0
CO22049	CO22538	2.89	2 1-	1/0PRIURD	0	0	1249	380	14	1	1	0.00	6.49	0
CO22341	CO22340	2.86	4 1-	2ACSR	0	0	1257	165	19	2	1	0.00	6.49	0
CO22322	CO22341	2.97	4 1-	1/0PRIURD	0	0	1220	378	19	2	2	0.00	6.49	0
CO22484	CO22322	3.10	1 1-	1/0PRIURD	0	0	1179	374	1	0	0	0.00	6.49	0
CO22500	CO22193	2.09	13 1-	4ACSR	0	0	1877	173	75	10	7	0.00	5.72	0
OC663	CO22500	2.09	13 1-	50 L OCR	0	0	1877	173	75	10	0	0.00	5.72	0
CO22501	OC663	2.16	13 1-	4ACSR	0	0	1802	172	75	10	7	0.03	5.76	4
CO21988	CO22501	2.24	2 1-	4ACSR	0	0	1724	171	14	1	1	0.00	5.76	0
CO22165	CO22501	2.34	10 1-	4ACSR	0	0	1627	170	57	7	6	0.06	5.82	5
CO22166	CO22165	2.37	9 1-	4ACSR	0	0	1603	170	49	6	5	0.01	5.82	0
CO22164	CO22166	2.44	7 1-	4ACSR	0	0	1543	169	41	5	4	0.02	5.84	0
CO22277	CO22164	2.47	6 1-	4ACSR	0	0	1516	169	36	5	4	0.01	5.85	0
CO22278	CO22277	2.48	5 1-	4ACSR	0	0	1507	169	23	3	2	0.00	5.85	0
CO22281	CO22278	2.66	4 1-	4ACSR	0	0	1376	167	15	2	1	0.01	5.86	0
CO22282	CO22281	2.72	2 1-	4ACSR	0	0	1339	166	5	0	0	0.00	5.86	0
CO22384	CO22282	2.89	0 1-	4ACSR	0	0	1236	165	0	0	0	0.00	5.86	0
CO22385	CO22384	3.08	0 1-	4ACSR	0	0	1138	163	0	0	0	0.00	5.86	0
CO22083	CO22282	2.75	2 1-	4ACSR	0	0	1314	166	5	0	0	0.00	5.86	0
CO22523	CO22083	2.86	2 1-	4ACSR	0	0	1250	165	5	0	0	0.00	5.86	0
CO22381	CO22523	3.01	2 1-	4ACSR	0	0	1172	164	5	0	0	0.00	5.87	0
CO22382	CO22381	3.09	2 1-	4ACSR	0	0	1132	163	5	0	0	0.00	5.87	0
CO22383	CO22382	3.41	2 1-	4ACSR	0	0	997	160	5	0	0	0.01	5.88	0
CO22379	CO22383	3.51	1 1-	4ACSR	0	0	959	159	3	0	0	0.00	5.88	0
CO-451734469	CO22379	3.74	1 1-	2ACSR	0	0	902	157	3	0	0	0.00	5.88	0
CO-1763695931	CO-451734469	3.80	0 1-	2ACSR	0	0	887	157	0	0	0	0.00	5.88	0
CO-972994725	CO-451734469	3.94	1 1-	2ACSR	0	0	856	156	3	0	0	0.00	5.88	0
CO22536	CO22193	2.24	788 3-	1/0CU	2315	2149	1790	173	4295	202	65	0.35	6.07	2223
CO21957	CO22536	2.45	786 3-	1/0CU	2179	2022	1671	172	4273	201	65	0.50	6.57	3145
CO21958	CO21957	2.55	786 3-	1/0CU	2124	1972	1623	171	4258	201	65	0.22	6.78	1369
CO22401	CO21958	2.57	785 3-	1/0CU	2112	1961	1613	171	4248	201	65	0.05	6.83	313
CO22400	CO22401	2.75	785 3-	1/0CU	2014	1870	1529	171	4246	201	65	0.42	7.25	2660
CO21959	CO22400	2.82	780 3-	1/0CU	1980	1838	1500	171	4214	200	65	0.15	7.40	981
CO30701	CO21959	2.89	2 3-	1/0CU	1947	1808	1472	170	0	0	0	0.00	7.40	0
CO22201	CO21959	2.82	776 3-	1/0CU	1978	1836	1498	171	4198	199	64	0.01	7.42	68
RG13	CO22201	2.82	776 3-	200	1978	1836	1498	171	4197	199	100	-7.42	0.00	0
CO22202	RG13	3.12	776 3-	1/0CU	1843	1711	1385	170	4197	188	61	0.63	0.63	3738
CO22403	CO22202	3.17	775 3-	1/0CU	1822	1692	1367	169	4177	187	61	0.10	0.73	627
CO22402	CO22403	3.21	775 3-	1/0CU	1803	1675	1352	169	4174	187	61	0.09	0.82	557
CO21960	CO22402	3.32	773 3-	1/0CU	1760	1635	1317	169	4167	187	61	0.23	1.05	1364
CO22502	CO21960	3.33	770 3-	1/0CU	1758	1633	1314	169	4152	187	60	0.01	1.06	83
CO22503	CO22502	3.36	770 3-	1/0CU	1744	1620	1303	169	4152	187	60	0.08	1.14	450
CO21961	CO22503	3.41	740 3-	1/0CU	1724	1602	1287	169	3991	180	58	0.11	1.24	607
CO21963	CO21961	3.54	392 3-	1/0CU	1679	1560	1250	168	1715	77	25	0.11	1.35	264
CO22024	CO21963	3.60	4 1-	4ACSR	0	0	1221	168	14	1	1	0.00	1.35	0
CO22218	CO21963	3.62	388 3-	1/0CU	1651	1534	1227	168	1699	76	25	0.07	1.42	170
CO22219	CO22218	3.67	387 3-	1/0CU	1632	1516	1212	168	1694	76	25	0.05	1.47	115
CO22453	CO22219	3.70	378 3-	1/0CU	1622	1508	1204	168	1651	74	24	0.02	1.49	57
CO22452	CO22453	3.72	378 3-	1/0CU	1616	1501	1198	168	1651	74	24	0.02	1.51	40

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC130016512	CO22452	3.72	372 3-	70 L OCR	1616	1501	1198	168	1622	73	105	0.00	1.51	0
CO22235	OC130016512	3.76	372 3-	1/0CU	1602	1489	1187	167	1622	73	24	0.03	1.54	80
CO22236	CO22235	3.80	370 3-	1/0CU	1590	1478	1178	167	1619	73	24	0.03	1.57	68
CO22241	CO22236	3.84	366 3-	1/0CU	1577	1465	1167	167	1609	72	23	0.03	1.60	81
CO22313	CO22241	3.86	364 3-	1/0CU	1571	1460	1162	167	1605	72	23	0.02	1.62	37
CO22314	CO22313	3.88	363 3-	1/0CU	1564	1454	1157	167	1597	72	23	0.02	1.63	37
CO22240	CO22314	3.95	361 3-	1/0CU	1543	1434	1140	167	1592	71	23	0.06	1.69	130
CO22239	CO22240	4.01	357 3-	1/0CU	1525	1417	1125	167	1579	71	23	0.05	1.74	110
CO22238	CO22239	4.11	353 3-	1/0CU	1495	1390	1102	166	1562	70	23	0.08	1.82	182
CO22237	CO22238	4.18	352 3-	1/0CU	1477	1373	1087	166	1546	69	23	0.05	1.87	112
CO22542	CO22237	4.24	216 3-	1/0CU	1461	1359	1075	166	984	44	14	0.03	1.89	41
CO21970	CO22542	4.31	201 3-	1/0CU	1442	1341	1059	166	931	42	14	0.03	1.93	47
CO22123	CO21970	4.35	3 1-	4ACSR	0	0	1045	165	13	1	1	0.00	1.93	0
CO22122	CO22123	4.39	2 1-	4ACSR	0	0	1031	165	5	0	1	0.00	1.93	0
CO22543	CO21970	4.38	197 3-	1/0CU	1423	1324	1045	165	911	41	13	0.03	1.96	42
CO22124	CO22543	4.44	10 3-	4ACSR	1395	1300	1024	165	74	3	2	0.01	1.97	0
CO22242	CO22124	4.47	4 3-	4ACSR	1380	1288	1014	165	54	2	2	0.00	1.97	0
CO22243	CO22242	4.50	2 3-	4ACSR	1363	1273	1002	164	51	2	2	0.00	1.97	0
CO21971	CO22543	4.45	187 3-	1/0CU	1406	1308	1031	165	837	37	12	0.03	1.99	35
CO23733	CO21971	4.75	164 3-	1/0CU	1334	1241	974	164	747	33	11	0.11	2.10	125
CO21864	CO23733	4.85	164 3-	1/0CU	1313	1221	958	164	746	33	11	0.04	2.14	39
CO21594	CO21864	4.87	153 3-	1/0ACSR	1307	1217	954	164	657	29	13	0.01	2.15	10
CO21854	CO21594	4.93	153 3-	1/0ACSR	1289	1200	940	163	657	29	13	0.03	2.18	34
CO21855	CO21854	5.00	152 3-	1/0ACSR	1271	1183	926	163	649	29	13	0.03	2.21	33
CO21847	CO21855	5.06	98 3-	1/0ACSR	1256	1170	915	163	437	19	9	0.02	2.23	13
CO21848	CO21847	5.08	97 3-	1/0ACSR	1251	1165	912	163	434	19	9	0.01	2.24	4
CO21632	CO21848	5.13	1 1-	4ACSR	0	0	896	162	8	1	1	0.00	2.24	0
CO21837	CO21848	5.10	96 3-	1/0ACSR	1244	1159	906	163	426	19	8	0.01	2.25	6
CO21838	CO21837	5.12	93 3-	1/0ACSR	1239	1155	902	163	405	18	8	0.01	2.25	4
CO21836	CO21838	5.16	91 3-	1/0ACSR	1229	1146	895	162	383	17	8	0.01	2.26	6
CO21839	CO21836	5.28	72 3-	4ACSR	1183	1107	863	161	313	14	10	0.07	2.33	36
CO21661	CO21839	5.33	1 3-	2ACSR	1169	1095	853	161	1	0	0	0.00	2.33	0
CO21840	CO21839	5.32	71 3-	4ACSR	1171	1097	855	161	311	14	10	0.02	2.35	9
CO21842	CO21840	5.47	70 3-	4ACSR	1116	1050	817	159	290	13	9	0.08	2.43	38
CO21843	CO21842	5.50	69 3-	4ACSR	1105	1040	809	159	284	12	9	0.02	2.44	8
CO21841	CO21843	5.54	66 3-	4ACSR	1092	1030	801	159	265	12	9	0.02	2.46	8
CO23743	CO21841	5.59	62 3-	1/0CU	1085	1023	796	159	228	10	3	0.01	2.47	0
CO21347	CO23743	5.59	11 1-	4ACSR	0	0	794	159	53	7	5	0.00	2.47	0
OC637	CO21347	5.59	11 1-	25 H OCR	0	0	794	159	53	7	29	0.00	2.47	0
CO21348	OC637	5.62	11 1-	4ACSR	0	0	789	158	53	7	5	0.01	2.48	0
CO544010058	CO21348	5.66	1 1-	2ACSR	0	0	782	158	8	1	1	0.00	2.48	0
CO21263	CO21348	5.66	9 1-	4ACSR	0	0	780	158	42	5	4	0.01	2.49	0
CO21213	CO21263	5.72	0 1-	4ACSR	0	0	767	157	0	0	0	0.00	2.49	0
CO21264	CO21263	5.69	9 1-	4ACSR	0	0	773	158	42	5	4	0.01	2.49	0
CO21266	CO21264	5.75	8 1-	4ACSR	0	0	761	157	33	4	3	0.01	2.50	0
CO21265	CO21266	5.82	7 1-	4ACSR	0	0	745	156	29	3	3	0.01	2.52	0
CO21214	CO21265	5.86	1 1-	4ACSR	0	0	738	156	1	0	0	0.00	2.52	0
CO21273	CO21265	5.94	6 1-	4ACSR	0	0	723	155	28	3	3	0.02	2.54	0
CO21272	CO21273	6.04	5 1-	4ACSR	0	0	705	154	27	3	3	0.01	2.55	0
CO21274	CO21272	6.18	4 1-	4ACSR	0	0	679	153	15	2	2	0.01	2.56	0
CO21340	CO21274	6.28	1 1-	4ACSR	0	0	664	152	3	0	0	0.00	2.57	0
CO21337	CO21340	6.36	1 1-	4ACSR	0	0	650	152	3	0	0	0.00	2.57	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21339	CO21337	6.45	1 1-	4ACSR	0	0	636	151	3	0	0	0.00	2.57	0
CO21338	CO21339	6.54	1 1-	4ACSR	0	0	625	150	3	0	0	0.00	2.57	0
CO21269	CO21274	6.29	3 1-	4ACSR	0	0	662	152	12	1	1	0.01	2.57	0
CO21271	CO21269	6.31	2 1-	4ACSR	0	0	659	152	4	0	0	0.00	2.57	0
CO21270	CO21271	6.39	1 1-	4ACSR	0	0	646	151	4	0	0	0.00	2.57	0
CO-2135996948	CO21270	6.44	1 1-	2ACSR	0	0	640	151	4	0	0	0.00	2.57	0
CO1872203879	CO-2135996948	6.57	1 1-	2ACSR	0	0	625	150	4	0	0	0.00	2.57	0
CO-1764549330	CO-2135996948	6.62	0 1-	2ACSR	0	0	619	150	0	0	0	0.00	2.57	0
CO21268	CO-1764549330	6.78	0 1-	4ACSR	0	0	597	149	0	0	0	0.00	2.57	0
CO21242	CO23743	5.65	50 3-	1/0CU	1076	1014	788	158	174	7	3	0.01	2.47	0
CO21241	CO21242	5.71	49 3-	1/0CU	1068	1006	782	158	174	7	3	0.00	2.48	0
CO21311	CO21241	5.75	3 3-	4ACSR	1052	993	771	158	5	0	0	0.00	2.48	0
CO21310	CO21311	5.86	2 3-	4ACSR	1022	967	750	157	3	0	0	0.00	2.48	0
CO21225	CO21310	5.92	1 1-	2ACSR	0	0	741	156	2	0	0	0.00	2.48	0
CO21345	CO21241	5.71	41 1-	4ACSR	0	0	780	158	142	19	14	0.01	2.48	0
OC640	CO21345	5.71	41 1-	25 H OCR	0	0	780	158	142	19	77	0.00	2.48	0
CO21346	OC640	5.73	41 1-	4ACSR	0	0	777	158	142	19	14	0.01	2.50	3
CO21244	CO21346	5.78	41 1-	4ACSR	0	0	767	158	142	19	14	0.04	2.54	9
CO21243	CO21244	5.92	40 1-	4ACSR	0	0	738	156	138	18	13	0.12	2.66	27
CO21204	CO21243	5.97	0 1-	4ACSR	0	0	728	156	0	0	0	0.00	2.66	0
CO21246	CO21243	6.00	40 1-	4ACSR	0	0	723	156	137	18	13	0.06	2.72	14
CO21245	CO21246	6.01	39 1-	4ACSR	0	0	720	155	127	17	12	0.01	2.73	3
CO21190	CO21245	6.18	35 1-	4ACSR	0	0	690	154	115	15	11	0.12	2.85	22
CO21319	CO21190	6.30	16 1-	4ACSR	0	0	670	153	51	6	5	0.04	2.88	3
CO21314	CO21319	6.34	15 1-	4ACSR	0	0	663	152	48	6	5	0.01	2.89	0
CO21318	CO21314	6.39	12 1-	4ACSR	0	0	655	152	32	4	3	0.01	2.90	0
CO21317	CO21318	6.43	10 1-	4ACSR	0	0	650	152	24	3	2	0.00	2.91	0
CO21315	CO21317	6.47	8 1-	4ACSR	0	0	643	151	18	2	2	0.00	2.91	0
CO21316	CO21315	6.52	6 1-	4ACSR	0	0	636	151	14	1	1	0.00	2.91	0
CO21254	CO21190	6.32	19 1-	4ACSR	0	0	666	153	64	8	6	0.06	2.90	6
CO21251	CO21254	6.57	19 1-	4ACSR	0	0	627	150	64	8	6	0.10	3.00	10
CO21224	CO21251	6.81	1 1-	4ACSR	0	0	595	148	1	0	0	0.00	3.00	0
CO21253	CO21251	6.69	18 1-	4ACSR	0	0	611	149	63	8	6	0.04	3.05	5
CO21252	CO21253	6.81	18 1-	4ACSR	0	0	594	148	63	8	6	0.05	3.09	5
CO21256	CO21252	6.89	17 1-	4ACSR	0	0	585	148	60	8	6	0.02	3.12	2
CO21255	CO21256	7.10	16 1-	4ACSR	0	0	559	146	51	6	5	0.06	3.18	5
CO21211	CO21255	7.21	1 1-	4ACSR	0	0	546	145	8	1	1	0.00	3.19	0
CO21191	CO21255	7.22	15 1-	4ACSR	0	0	545	145	42	5	4	0.03	3.22	2
CO21193	CO21191	7.37	4 1-	4ACSR	0	0	529	144	11	1	1	0.01	3.23	0
CO21210	CO21193	7.42	2 1-	4ACSR	0	0	523	144	8	1	1	0.00	3.23	0
CO21209	CO21193	7.43	1 1-	4ACSR	0	0	522	143	3	0	0	0.00	3.23	0
CO21208	CO21193	7.44	1 1-	4ACSR	0	0	521	143	0	0	0	0.00	3.23	0
CO21215	CO21191	7.33	0 1-	4ACSR	0	0	532	144	0	0	0	0.00	3.22	0
CO21257	CO21191	7.28	11 1-	4ACSR	0	0	539	145	31	4	3	0.01	3.23	0
CO21259	CO21257	7.50	10 1-	4ACSR	0	0	515	143	30	4	3	0.04	3.27	0
CO21258	CO21259	7.54	9 1-	4ACSR	0	0	511	143	30	4	3	0.01	3.27	0
CO21192	CO21258	7.75	1 1-	4ACSR	0	0	492	141	0	0	0	0.00	3.27	0
CO21207	CO21192	7.82	0 1-	4ACSR	0	0	485	140	0	0	0	0.00	3.27	0
CO21206	CO21192	7.89	1 1-	4ACSR	0	0	479	140	0	0	0	0.00	3.27	0
CO21260	CO21258	7.73	8 1-	4ACSR	0	0	493	141	30	4	3	0.03	3.30	0
CO21262	CO21260	7.80	7 1-	4ACSR	0	0	487	141	23	3	2	0.01	3.31	0
CO21261	CO21262	7.89	4 1-	4ACSR	0	0	479	140	17	2	2	0.01	3.32	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
CO-1723822932	CO21261	7.96	1 1-	4ACSR	0	0	473	139	10	1	1	0.00	3.32	0	
	CO21205	CO21261	7.96	1 1-	4ACSR	0	0	472	139	4	0	0	0.00	3.32	0
	CO21313	CO21261	8.00	2 1-	4ACSR	0	0	469	139	4	0	0	0.00	3.32	0
	CO21312	CO21313	8.02	0 1-	4ACSR	0	0	468	139	0	0	0	0.00	3.32	0
	CO21212	CO21252	6.86	1 1-	4ACSR	0	0	588	148	3	0	0	0.00	3.10	0
	CO21250	CO21245	6.10	4 1-	4ACSR	0	0	705	155	13	1	1	0.00	2.74	0
	CO21249	CO21250	6.49	3 1-	4ACSR	0	0	641	151	6	0	1	0.01	2.75	0
	CO21226	CO21249	6.55	1 1-	2ACSR	0	0	633	151	2	0	0	0.00	2.75	0
	CO21247	CO21249	6.53	1 1-	4ACSR	0	0	634	151	4	0	0	0.00	2.75	0
	CO21248	CO21247	6.77	0 1-	4ACSR	0	0	600	149	0	0	0	0.00	2.75	0
	CO21320	CO21241	5.78	4 1-	4ACSR	0	0	766	158	20	2	2	0.01	2.48	0
	CO23744	CO21320	5.87	2 1-	4ACSR	0	0	748	157	14	1	1	0.01	2.49	0
	CO21846	CO23744	5.92	1 1-	2ACSR	0	0	740	156	13	1	1	0.00	2.49	0
	CO21844	CO21841	5.59	4 1-	4ACSR	0	0	791	158	37	5	4	0.01	2.47	0
	CO21845	CO21844	5.66	2 1-	4ACSR	0	0	776	158	17	2	2	0.00	2.47	0
CO1361525627	CO21845	5.71	1 1-	4ACSR	0	0	763	157	7	0	1	0.00	2.47	0	
	CO21633	CO21836	5.22	1 1-	4ACSR	0	0	880	162	16	2	2	0.00	2.27	0
	CO21834	CO21836	5.21	15 3-	1/0ACSR	1217	1134	886	162	43	1	1	0.00	2.26	0
	CO21835	CO21834	5.26	14 3-	1/0ACSR	1204	1123	877	162	39	1	1	0.00	2.27	0
	CO21833	CO21835	5.32	11 3-	1/0ACSR	1191	1111	866	162	37	1	1	0.00	2.27	0
	CO21831	CO21833	5.36	11 3-	1/0ACSR	1182	1103	860	161	37	1	1	0.00	2.27	0
	CO21832	CO21831	5.39	11 3-	1/0ACSR	1175	1097	855	161	37	1	1	0.00	2.27	0
	CO21830	CO21832	5.44	6 3-	1/0ACSR	1165	1087	847	161	24	1	0	0.00	2.27	0
	CO21829	CO21830	5.46	3 3-	1/0ACSR	1158	1081	842	161	13	0	0	0.00	2.27	0
	CO21828	CO21829	5.49	2 3-	1/0ACSR	1154	1077	839	161	12	0	0	0.00	2.27	0
	CO21827	CO21828	5.50	0 3-	1/0ACSR	1150	1074	836	161	0	0	0	0.00	2.27	0
	CO21932	CO21827	5.51	0 3-	1/0ACSR	1148	1072	835	161	0	0	0	0.00	2.27	0
#SW657-B	CO21932	5.51	0 3-	Open	1148	1072	835	161	0	0	0	0.00	2.27	0	
	CO21849	CO21855	5.03	5 1-	4ACSR	0	0	918	163	30	4	3	0.00	2.22	0
	CO21850	CO21849	5.07	3 1-	4ACSR	0	0	906	162	26	3	2	0.01	2.22	0
	CO21851	CO21850	5.14	2 1-	4ACSR	0	0	886	162	17	2	2	0.01	2.23	0
	CO21852	CO21851	5.20	1 1-	4ACSR	0	0	871	161	9	1	1	0.00	2.23	0
	CO21853	CO21852	5.31	1 1-	4ACSR	0	0	844	160	9	1	1	0.00	2.23	0
	CO21865	CO21855	5.04	48 3-	1/0ACSR	1260	1174	919	163	180	8	4	0.01	2.22	0
	CO21866	CO21865	5.10	47 3-	1/0ACSR	1244	1159	906	163	178	8	4	0.01	2.23	2
	CO21625	CO21866	5.15	2 1-	4ACSR	0	0	892	162	7	0	1	0.00	2.23	0
	CO21867	CO21866	5.16	43 3-	1/0ACSR	1229	1145	895	162	168	7	3	0.01	2.23	0
	CO21868	CO21867	5.22	42 3-	1/0ACSR	1215	1133	885	162	164	7	3	0.01	2.24	0
	CO21876	CO21868	5.25	29 3-	1/0ACSR	1207	1126	879	162	106	4	2	0.00	2.24	0
	CO21877	CO21876	5.33	19 3-	1/0ACSR	1188	1109	865	162	80	3	2	0.00	2.25	0
	CO21878	CO21877	5.37	17 3-	1/0ACSR	1180	1101	859	161	70	3	1	0.00	2.25	0
	CO21879	CO21878	5.39	12 3-	1/0ACSR	1174	1096	854	161	38	1	1	0.00	2.25	0
	CO22058	CO21879	5.45	12 1-	2ACSR	0	0	844	161	38	5	3	0.01	2.26	0
	CO22135	CO22058	5.50	8 1-	2ACSR	0	0	832	161	19	2	1	0.00	2.26	0
	CO22134	CO22058	5.47	3 1-	2ACSR	0	0	840	161	14	1	1	0.00	2.26	0
	CO22059	CO22134	5.50	2 1-	2ACSR	0	0	833	161	9	1	1	0.00	2.26	0
	CO21869	CO21868	5.26	12 1-	4ACSR	0	0	875	162	52	7	5	0.01	2.25	0
	CO21871	CO21869	5.30	5 1-	2ACSR	0	0	866	161	18	2	1	0.00	2.25	0
	CO21872	CO21871	5.39	3 1-	2ACSR	0	0	848	161	10	1	1	0.00	2.25	0
	CO21870	CO21869	5.30	6 1-	4ACSR	0	0	865	161	14	1	1	0.00	2.25	0
	CO21595	CO21870	5.35	4 1-	4ACSR	0	0	850	161	12	1	1	0.00	2.26	0
	CO21875	CO21595	5.40	4 1-	4ACSR	0	0	838	160	12	1	1	0.00	2.26	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23742	CO21875	5.60	2 1-	4ACSR	0	0	792	158	4	0	0	0.00	2.26	0
CO21309	CO23742	5.67	2 1-	4ACSR	0	0	777	158	4	0	0	0.00	2.27	0
CO21341	CO21309	5.75	1 1-	1/0PRIURD	0	0	767	334	1	0	0	0.00	2.27	0
CO21873	CO21595	5.43	0 1-	4ACSR	0	0	832	160	0	0	0	0.00	2.26	0
CO21874	CO21873	5.47	0 1-	4ACSR	0	0	823	160	0	0	0	0.00	2.26	0
CO21626	CO21870	5.31	2 1-	4ACSR	0	0	861	161	3	0	0	0.00	2.25	0
CO21856	CO21864	4.86	11 1-	6ACWC	0	0	953	164	89	12	9	0.01	2.15	0
CO21858	CO21856	4.97	7 1-	4ACSR	0	0	921	163	48	6	5	0.02	2.17	0
CO21859	CO21858	5.02	2 1-	4ACSR	0	0	908	162	17	2	2	0.00	2.17	0
CO21624	CO21858	5.02	2 1-	4ACSR	0	0	908	162	11	1	1	0.00	2.17	0
CO21857	CO21856	5.03	4 1-	6ACWC	0	0	904	162	41	5	4	0.04	2.18	3
CO21631	CO21857	5.09	0 1-	4ACSR	0	0	888	162	0	0	0	0.00	2.18	0
CO21860	CO21857	5.10	3 1-	4ACSR	0	0	884	161	37	5	4	0.02	2.20	0
CO21862	CO21860	5.15	2 1-	4ACSR	0	0	872	161	31	4	3	0.01	2.21	0
CO21863	CO21862	5.20	1 1-	4ACSR	0	0	859	160	16	2	2	0.00	2.21	0
CO21861	CO21860	5.18	1 1-	4ACSR	0	0	864	161	6	0	1	0.00	2.20	0
CO22128	CO21971	4.54	23 1-	6HDCU	0	0	999	164	91	12	9	0.05	2.04	7
CO22253	CO22128	4.59	18 1-	6HDCU	0	0	984	164	79	10	8	0.02	2.05	0
CO23851	CO22253	4.62	15 1-	6HDCU	0	0	974	163	59	7	6	0.01	2.06	0
CO23852	CO23851	4.64	11 1-	6HDCU	0	0	969	163	54	7	6	0.01	2.07	0
CO21880	CO23852	4.66	11 1-	6HDCU	0	0	961	163	54	7	6	0.01	2.08	0
CO21881	CO21880	4.68	9 1-	6HDCU	0	0	954	163	44	5	5	0.00	2.08	0
CO21882	CO21881	4.71	7 1-	6HDCU	0	0	945	163	36	4	4	0.01	2.09	0
CO21883	CO21882	4.75	5 1-	6HDCU	0	0	934	162	25	3	3	0.00	2.09	0
CO21884	CO21883	4.79	1 1-	6HDCU	0	0	923	162	13	1	1	0.00	2.09	0
CO22244	CO22542	4.26	6 1-	4ACSR	0	0	1066	166	17	2	2	0.00	1.90	0
CO22245	CO22244	4.28	3 1-	4ACSR	0	0	1058	165	11	1	1	0.00	1.90	0
CO22246	CO22245	4.31	2 1-	4ACSR	0	0	1046	165	8	1	1	0.00	1.90	0
CO22269	CO22542	4.27	8 1-	4ACSR	0	0	1063	166	33	4	3	0.01	1.90	0
CO22270	CO22269	4.30	6 1-	4ACSR	0	0	1051	165	31	4	3	0.00	1.90	0
CO22267	CO22270	4.32	3 1-	4ACSR	0	0	1044	165	15	2	1	0.00	1.91	0
CO22268	CO22267	4.39	2 1-	4ACSR	0	0	1019	164	12	1	1	0.00	1.91	0
CO22291	CO22237	4.25	50 2-	4ACSR	0	1342	1061	165	202	13	10	0.04	1.90	13
CO22292	CO22291	4.27	47 2-	4ACSR	0	1331	1052	165	195	13	9	0.01	1.92	4
CO22127	CO22292	4.33	3 1-	4ACSR	0	0	1029	165	7	0	1	0.00	1.92	0
CO22126	CO22127	4.38	1 1-	4ACSR	0	0	1014	164	4	0	0	0.00	1.92	0
CO22233	CO22292	4.32	44 2-	4ACSR	0	1310	1035	165	189	12	9	0.02	1.94	8
CO22234	CO22233	4.34	42 2-	4ACSR	0	1300	1027	164	183	12	9	0.01	1.95	3
CO22283	CO22234	4.37	14 2-	6HDCU	0	1286	1015	164	71	4	4	0.01	1.96	0
CO22284	CO22283	4.41	13 2-	6HDCU	0	1269	1001	164	58	3	3	0.01	1.97	0
CO22252	CO22284	4.45	10 2-	6HDCU	0	1252	988	163	51	3	3	0.01	1.97	0
CO22249	CO22252	4.49	10 2-	6HDCU	0	1238	976	163	51	3	3	0.01	1.98	0
CO22250	CO22249	4.54	8 2-	6HDCU	0	1217	959	162	49	3	3	0.01	1.98	0
CO22455	CO22250	4.56	4 2-	6HDCU	0	1210	953	162	32	2	2	0.00	1.98	0
CO22541	CO22455	4.60	1 2-	6HDCU	0	1195	941	162	1	0	0	0.00	1.98	0
CO22227	CO22234	4.38	27 2-	6HDCU	0	1282	1011	164	103	6	5	0.01	1.96	0
CO22228	CO22227	4.50	23 2-	6HDCU	0	1235	974	163	93	6	5	0.03	1.99	4
CO22085	CO22228	4.52	19 2-	6HDCU	0	1224	964	163	77	5	4	0.01	2.00	0
CO22229	CO22085	4.58	17 2-	6HDCU	0	1201	946	162	68	4	4	0.01	2.01	0
CO22230	CO22229	4.62	13 2-	6HDCU	0	1185	933	162	57	3	3	0.01	2.01	0
CO22130	CO22230	4.66	2 1-	4ACSR	0	0	922	161	11	1	1	0.00	2.02	0
CO22129	CO22130	4.72	1 1-	4ACSR	0	0	905	161	10	1	1	0.00	2.02	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22231	CO22230	4.64	9 2-	6HDCU	0	1178	928	161	39	2	2	0.00	2.02	0
CO22232	CO22231	4.72	6 2-	6HDCU	0	1151	906	161	24	1	1	0.00	2.02	0
CO22223	CO22232	4.75	5 2-	6HDCU	0	1139	897	160	20	1	1	0.00	2.02	0
CO22222	CO22223	4.80	2 2-	6HDCU	0	1122	883	160	6	0	0	0.00	2.02	0
CO22510	CO22222	4.83	0 2-	6HDCU	0	1111	875	160	0	0	0	0.00	2.02	0
SW681-B	CO22510	4.83	0 2-	Open	0	1111	875	160	0	0	0	0.00	2.02	0
CO22027	CO22228	4.53	1 1-	4ACSR	0	0	962	163	4	0	0	0.00	1.99	0
CO22263	CO22237	4.19	84 1-	4ACSR	0	0	1082	166	350	47	34	0.03	1.89	16
CO22264	CO22263	4.24	81 1-	4ACSR	0	0	1065	165	340	46	33	0.09	1.98	49
CO22257	CO22264	4.27	19 1-	4ACSR	0	0	1052	165	65	8	6	0.01	2.00	0
CO22258	CO22257	4.29	17 1-	4ACSR	0	0	1044	165	60	8	6	0.01	2.00	0
CO22117	CO22258	4.33	9 1-	4ACSR	0	0	1030	165	31	4	3	0.01	2.01	0
CO22261	CO22117	4.34	6 1-	4ACSR	0	0	1026	164	23	3	2	0.00	2.01	0
CO22262	CO22261	4.36	4 1-	4ACSR	0	0	1019	164	10	1	1	0.00	2.01	0
CO22255	CO22258	4.32	6 1-	4ACSR	0	0	1034	165	20	2	2	0.00	2.01	0
CO22256	CO22255	4.35	5 1-	4ACSR	0	0	1023	164	18	2	2	0.00	2.01	0
CO22116	CO22256	4.38	1 1-	4ACSR	0	0	1012	164	8	1	1	0.00	2.01	0
CO22259	CO22264	4.27	60 1-	4ACSR	0	0	1052	165	270	36	26	0.05	2.04	24
CO22260	CO22259	4.35	58 1-	4ACSR	0	0	1023	164	259	35	25	0.12	2.16	52
CO21968	CO22260	4.44	54 1-	4ACSR	0	0	993	163	239	32	23	0.12	2.28	45
CO21969	CO21968	4.50	37 1-	4ACSR	0	0	971	163	157	21	15	0.06	2.34	16
CO22494	CO21969	4.51	34 1-	4ACSR	0	0	969	163	140	19	14	0.01	2.35	0
OC660	CO22494	4.51	34 1-	50 H OCR	0	0	969	163	140	19	38	0.00	2.35	0
CO22495	OC660	4.61	34 1-	4ACSR	0	0	938	162	140	19	14	0.08	2.43	18
CO23732	CO22495	4.65	1 1-	4/0ACSR	0	0	930	162	0	0	0	0.00	2.43	0
CO23731	CO22495	4.69	32 1-	4ACSR	0	0	912	161	127	17	12	0.07	2.49	14
CO23730	CO23731	4.73	2 1-	4ACSR	0	0	901	161	4	0	0	0.00	2.49	0
CO21590	CO23731	4.77	29 1-	4ACSR	0	0	889	160	116	15	11	0.06	2.55	11
CO21916	CO21590	5.04	26 1-	4ACSR	0	0	819	158	91	12	9	0.15	2.70	22
CO21917	CO21916	5.09	26 1-	4ACSR	0	0	805	157	91	12	9	0.03	2.73	5
CO21616	CO21917	5.15	2 1-	4ACSR	0	0	791	157	4	0	0	0.00	2.73	0
CO21914	CO21917	5.12	22 1-	4ACSR	0	0	800	157	81	11	8	0.01	2.74	0
CO21915	CO21914	5.20	22 1-	4ACSR	0	0	780	156	81	11	8	0.04	2.78	6
CO21591	CO21915	5.30	21 1-	4ACSR	0	0	759	155	77	10	8	0.04	2.83	5
CO21910	CO21591	5.37	4 1-	4ACSR	0	0	745	155	19	2	2	0.01	2.83	0
CO21912	CO21910	5.50	4 1-	4ACSR	0	0	719	154	19	2	2	0.01	2.85	0
CO21618	CO21912	5.56	1 1-	4ACSR	0	0	707	153	10	1	1	0.00	2.85	0
CO21913	CO21912	5.51	3 1-	4ACSR	0	0	716	153	9	1	1	0.00	2.85	0
CO21911	CO21913	5.53	2 1-	4ACSR	0	0	713	153	7	1	1	0.00	2.85	0
CO21908	CO21591	5.33	14 1-	4ACSR	0	0	753	155	51	7	5	0.01	2.83	0
CO21909	CO21908	5.35	14 1-	4ACSR	0	0	749	155	51	7	5	0.01	2.84	0
CO21906	CO21909	5.38	3 1-	4ACSR	0	0	742	155	15	2	1	0.00	2.84	0
CO21907	CO21906	5.42	3 1-	4ACSR	0	0	734	154	15	2	1	0.00	2.85	0
CO21904	CO21909	5.39	11 1-	4ACSR	0	0	741	155	37	5	4	0.01	2.85	0
CO21905	CO21904	5.40	10 1-	4ACSR	0	0	738	154	35	4	3	0.00	2.85	0
CO21903	CO21905	5.65	10 1-	4ACSR	0	0	691	152	35	4	3	0.05	2.91	3
CO21901	CO21903	5.74	7 1-	4ACSR	0	0	676	151	34	4	3	0.02	2.92	0
CO21902	CO21901	5.84	7 1-	4ACSR	0	0	658	151	34	4	3	0.02	2.94	0
CO21592	CO21902	6.03	6 1-	4ACSR	0	0	629	149	32	4	3	0.03	2.98	0
CO21593	CO21592	6.14	4 1-	4ACSR	0	0	613	148	12	1	1	0.01	2.98	0
CO21897	CO21593	6.27	2 1-	4ACSR	0	0	594	147	6	0	1	0.00	2.99	0
CO21898	CO21897	6.35	2 1-	4ACSR	0	0	584	146	6	0	1	0.00	2.99	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21899	CO21898	6.40	2 1-	4ACSR	0	0	578	146	6	0	1	0.00	2.99	0
CO21623	CO21899	6.46	1 1-	4ACSR	0	0	571	146	0	0	0	0.00	2.99	0
CO21900	CO21899	6.42	1 1-	4ACSR	0	0	575	146	6	0	1	0.00	3.00	0
CO21895	CO21593	6.27	2 1-	2ACSR	0	0	599	147	6	0	0	0.00	2.99	0
CO21896	CO21895	6.31	1 1-	2ACSR	0	0	594	147	4	0	0	0.00	2.99	0
CO21893	CO21593	6.19	0 1-	4/0ACSR	0	0	610	148	0	0	0	0.00	2.98	0
CO21894	CO21893	6.24	0 1-	4/0ACSR	0	0	607	148	0	0	0	0.00	2.98	0
CO21622	CO21592	6.11	1 1-	4ACSR	0	0	618	148	12	1	1	0.00	2.98	0
CO21621	CO21902	5.93	1 1-	4ACSR	0	0	643	150	1	0	0	0.00	2.95	0
CO21620	CO21903	5.71	2 1-	4ACSR	0	0	681	152	1	0	0	0.00	2.91	0
CO21619	CO21903	5.69	1 1-	4ACSR	0	0	684	152	1	0	0	0.00	2.91	0
CO21617	CO21915	5.24	1 1-	4ACSR	0	0	772	156	4	0	0	0.00	2.78	0
CO21918	CO21917	5.18	2 1-	4ACSR	0	0	785	156	6	0	1	0.00	2.73	0
CO21919	CO21918	5.29	1 1-	4ACSR	0	0	761	155	3	0	0	0.00	2.73	0
CO21615	CO21590	4.85	3 1-	4ACSR	0	0	868	160	24	3	2	0.01	2.56	0
CO21636	CO21615	4.87	2 1-	4ACSR	0	0	861	159	24	3	2	0.00	2.56	0
CO1003891726	CO21636	4.93	1 1-	4ACSR	0	0	846	159	12	1	1	0.00	2.57	0
CO21614	CO23731	4.86	1 1-	4ACSR	0	0	864	159	7	0	1	0.00	2.50	0
CO22121	CO21969	4.65	3 1-	4ACSR	0	0	924	161	17	2	2	0.01	2.35	0
CO22266	CO22121	4.82	1 1-	4ACSR	0	0	875	160	2	0	0	0.00	2.35	0
CO22035	CO21968	4.46	1 1-	4ACSR	0	0	984	163	11	1	1	0.00	2.28	0
CO22120	CO21968	4.51	11 1-	4ACSR	0	0	968	163	51	6	5	0.02	2.30	0
CO22413	CO22120	4.55	1 1-	4ACSR	0	0	956	162	2	0	0	0.00	2.30	0
CO22412	CO22413	4.59	1 1-	4ACSR	0	0	944	162	2	0	0	0.00	2.30	0
CO22265	CO22120	4.57	6 1-	4ACSR	0	0	948	162	37	5	4	0.01	2.31	0
CO22460	CO22265	4.59	3 1-	4ACSR	0	0	944	162	18	2	2	0.00	2.31	0
CO22459	CO22460	4.62	3 1-	4ACSR	0	0	932	162	18	2	2	0.00	2.31	0
CO22498	CO22260	4.36	1 1-	4ACSR	0	0	1021	164	9	1	1	0.00	2.16	0
CO22499	CO22498	4.41	1 1-	4ACSR	0	0	1001	164	9	1	1	0.00	2.16	0
CO22430	CO22499	4.62	0 1-	4ACSR	0	0	935	162	0	0	0	0.00	2.16	0
SW1917994366-B	CO22430	4.62	0 1-	Closed	0	0	935	162	0	0	0	0.00	2.16	0
SW1917994366-A	SW1917994366-B	4.62	0 1-	Closed	0	0	935	162	0	0	0	0.00	2.16	0
CO22429	SW1917994366-A	4.65	0 1-	4ACSR	0	0	923	161	0	0	0	0.00	2.16	0
CO22431	CO22429	4.75	0 1-	4ACSR	0	0	896	160	0	0	0	0.00	2.16	0
CO22288	CO22431	4.85	0 1-	4ACSR	0	0	867	159	0	0	0	0.00	2.16	0
CO22467	CO22288	4.88	0 1-	4ACSR	0	0	859	159	0	0	0	0.00	2.16	0
CO22466	CO22467	4.94	0 1-	4ACSR	0	0	844	159	0	0	0	0.00	2.16	0
CO22462	CO22466	4.97	0 1-	4ACSR	0	0	835	158	0	0	0	0.00	2.16	0
SW1131714329-B	CO22462	4.97	0 1-	Open	0	0	835	158	0	0	0	0.00	2.16	0
CO22034	CO22260	4.43	1 1-	4ACSR	0	0	996	164	5	0	1	0.00	2.16	0
CO22025	CO22219	3.72	5 1-	4ACSR	0	0	1189	167	29	3	3	0.01	1.47	0
CO-1880662507	CO22025	3.77	1 1-	2ACSR	0	0	1169	167	10	1	1	0.00	1.47	0
CO22407	CO21961	3.53	348 3-	1/0ACSR	1670	1553	1244	168	2274	102	45	0.21	1.45	708
CO22406	CO22407	3.54	347 3-	1/0ACSR	1666	1549	1241	168	2267	102	45	0.01	1.46	50
CO22087	CO22406	3.57	346 3-	2ACSR	1651	1536	1229	168	2180	98	55	0.07	1.54	253
CO22451	CO22087	3.60	346 3-	2ACSR	1633	1520	1215	168	2179	98	55	0.09	1.62	300
OC1883089213	CO22451	3.60	346 3-	100 L OCR	1633	1520	1215	168	2178	98	99	0.00	1.62	0
CO22450	OC1883089213	3.64	346 3-	2ACSR	1614	1504	1201	167	2178	98	55	0.09	1.71	319
OC1758888866	CO22450	3.64	345 3-	100 L OCR	1614	1504	1201	167	2171	98	99	0.00	1.71	0
CO22308	OC1758888866	3.67	345 3-	2ACSR	1596	1488	1187	167	2171	98	55	0.09	1.80	316
CO22309	CO22308	3.69	345 3-	2ACSR	1585	1478	1179	167	2169	98	55	0.05	1.86	182
CO22224	CO22309	3.75	342 3-	2ACSR	1558	1454	1158	167	2159	98	55	0.14	2.00	486

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22330	CO22224	3.90	338 3-	1/0ACSR	1500	1401	1113	166	2148	97	43	0.25	2.25	832
CO22115	CO22330	3.93	2 1-	4ACSR	0	0	1099	165	6	0	1	0.00	2.25	0
CO22114	CO22115	3.97	1 1-	4ACSR	0	0	1084	165	4	0	0	0.00	2.25	0
CO22026	CO22330	3.97	1 1-	4ACSR	0	0	1086	165	1	0	0	0.00	2.25	0
CO22331	CO22330	3.97	335 3-	1/0ACSR	1475	1379	1094	165	2137	97	42	0.11	2.36	373
CO22349	CO22331	3.98	334 3-	1/0ACSR	1470	1374	1090	165	2129	97	42	0.02	2.39	77
CO22220	CO22349	4.02	2 3-	1/0ACSR	1456	1361	1079	165	55	2	1	0.00	2.39	0
CO22221	CO22220	4.05	1 3-	1/0ACSR	1445	1352	1071	165	35	1	1	0.00	2.39	0
CO22477	CO22349	4.06	332 3-	1/0ACSR	1444	1351	1070	165	2073	94	41	0.12	2.51	378
CO22476	CO22477	4.11	331 3-	1/0ACSR	1425	1333	1055	165	2071	94	41	0.09	2.60	286
CO22478	CO22476	4.20	331 3-	1/0ACSR	1397	1308	1034	164	2070	94	41	0.14	2.73	438
CO22475	CO22478	4.26	331 3-	1/0ACSR	1378	1290	1019	164	2068	94	41	0.10	2.83	306
CO22479	CO22475	4.37	331 3-	1/0ACSR	1342	1257	992	164	2067	94	41	0.19	3.02	605
CO22521	CO22479	4.44	331 3-	1/0ACSR	1324	1241	978	163	2064	94	41	0.10	3.12	319
CO22520	CO22521	4.44	331 3-	1/0ACSR	1323	1240	977	163	2062	94	41	0.01	3.13	24
CO23741	CO22520	4.49	300 3-	1/0ACSR	1308	1226	965	163	1825	83	36	0.08	3.20	213
CO21370	CO23741	4.51	300 3-	1/0ACSR	1301	1220	960	163	1824	83	36	0.03	3.23	88
CO1906815099	CO21370	4.68	1 3-	2ACSR	1247	1172	920	162	0	0	0	0.00	3.23	0
CO23740	CO21370	4.56	2 3-	4ACSR	1279	1201	945	162	17	0	1	0.00	3.24	0
CO23739	CO23740	4.60	1 1-	4ACSR	0	0	934	162	13	1	1	0.00	3.24	0
CO21454	CO21370	4.62	296 3-	1/0ACSR	1274	1194	939	162	1804	82	36	0.14	3.38	397
CO21453	CO21454	4.63	295 3-	1/0ACSR	1270	1191	936	162	1789	82	36	0.02	3.40	58
CO21451	CO21453	4.73	293 3-	1/0ACSR	1242	1166	915	162	1782	82	36	0.15	3.54	400
CO21452	CO21451	4.78	292 3-	1/0ACSR	1231	1155	907	162	1770	81	35	0.06	3.61	173
CO21456	CO21452	4.83	15 3-	4ACSR	1209	1136	891	161	159	7	5	0.01	3.62	4
CO21455	CO21456	4.89	13 3-	4ACSR	1187	1118	876	161	135	6	4	0.01	3.63	3
CO21458	CO21455	4.94	11 3-	4ACSR	1167	1101	862	160	109	4	4	0.01	3.64	0
CO21457	CO21458	4.98	10 3-	4ACSR	1152	1087	851	160	99	4	3	0.01	3.65	0
CO23738	CO21457	5.05	10 3-	4ACSR	1127	1066	834	159	99	4	3	0.01	3.66	0
CO22334	CO23738	5.06	6 1-	4ACSR	0	0	831	159	66	9	6	0.00	3.67	0
CO-68907558	CO22334	5.09	1 1-	2ACSR	0	0	826	159	19	2	1	0.00	3.67	0
CO-1591963750	CO-68907558	5.14	1 1-	2ACSR	0	0	816	158	19	2	1	0.00	3.67	0
CO22335	CO22334	5.10	1 1-	4ACSR	0	0	821	159	18	2	2	0.00	3.67	0
CO22125	CO22334	5.20	4 1-	4ACSR	0	0	799	158	29	4	3	0.02	3.69	0
CO22039	CO22125	5.27	1 1-	4ACSR	0	0	783	157	10	1	1	0.00	3.69	0
CO22225	CO22125	5.21	2 1-	4ACSR	0	0	796	158	12	1	1	0.00	3.69	0
CO22226	CO22225	5.25	1 1-	4ACSR	0	0	788	157	12	1	1	0.00	3.69	0
CO22336	CO23738	5.13	4 3-	4ACSR	1101	1044	816	158	33	1	1	0.00	3.67	0
CO22483	CO22336	5.16	3 3-	4ACSR	1090	1033	808	158	32	1	1	0.00	3.67	0
CO22417	CO22483	5.21	2 1-	2ACSR	0	0	798	158	9	1	1	0.00	3.67	0
CO22416	CO22417	5.40	2 1-	2ACSR	0	0	766	157	9	1	1	0.01	3.68	0
CO22418	CO22416	5.45	2 1-	2ACSR	0	0	757	156	9	1	1	0.00	3.68	0
CO22537	CO22483	5.22	1 3-	4ACSR	1068	1014	793	157	23	1	1	0.00	3.67	0
CO21401	CO21455	4.94	1 1-	4ACSR	0	0	864	160	14	1	1	0.00	3.64	0
CO21574	CO21452	4.79	277 3-	1/0ACSR	1229	1154	905	162	1610	74	32	0.01	3.61	21
CO-432672873	CO21574	4.86	277 3-	2ACSR	1207	1134	889	161	1610	74	41	0.14	3.75	358
CO21402	CO-432672873	4.91	6 1-	4ACSR	0	0	874	161	23	3	2	0.00	3.75	0
CO-1662235658	CO-432672873	4.91	271 3-	2ACSR	1193	1121	879	161	1586	73	41	0.09	3.84	236
CO21459	CO-1662235658	4.96	271 3-	1/0ACSR	1180	1109	869	161	1584	73	32	0.07	3.91	171
CO463622821	CO21459	4.98	1 1-	2ACSR	0	0	865	161	1	0	0	0.00	3.91	0
CO1636174070	CO463622821	5.01	1 1-	2ACSR	0	0	858	160	1	0	0	0.00	3.91	0
CO21535	CO1636174070	5.07	1 1-	4ACSR	0	0	843	160	1	0	0	0.00	3.91	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21461	CO21459	5.01	265 3-	1/0ACSR	1167	1098	859	160	1559	72	31	0.06	3.98	156
CO21460	CO21461	5.14	262 3-	1/0ACSR	1139	1072	838	160	1542	71	31	0.16	4.13	371
CO21371	CO21460	5.22	258 3-	1/0ACSR	1123	1056	826	159	1531	70	31	0.09	4.22	222
CO21411	CO21371	5.25	7 1-	2ACSR	0	0	819	159	60	8	5	0.01	4.23	0
CO21567	CO21411	5.29	7 1-	1/0PRIURD	0	0	813	342	60	8	5	0.01	4.24	0
CO21417	CO21567	5.35	7 1-	1/0PRIURD	0	0	805	341	60	8	5	0.01	4.25	0
CO21416	CO21417	5.46	7 1-	1/0PRIURD	0	0	790	338	60	8	5	0.02	4.27	0
CO21581	CO21416	5.64	5 1-	1/0PRIURD	0	0	766	334	41	5	4	0.02	4.28	0
CO21580	CO21581	5.64	3 1-	1/0PRIURD	0	0	766	334	24	3	2	0.00	4.28	0
CO21543	CO21580	5.71	2 1-	4ACSR	0	0	751	157	18	2	2	0.00	4.29	0
CO21545	CO21580	5.66	1 1-	4ACSR	0	0	762	157	6	0	1	0.00	4.28	0
CO21544	CO21545	5.67	1 1-	4ACSR	0	0	759	157	6	0	1	0.00	4.28	0
CO21541	CO21544	5.75	0 1-	4ACSR	0	0	744	157	0	0	0	0.00	4.28	0
CO21568	CO21567	5.31	0 1-	1/0PRIURD	0	0	811	342	0	0	0	0.00	4.24	0
CO21472	CO21371	5.52	3 1-	6HDCU	0	0	759	157	8	1	1	0.02	4.24	0
CO21471	CO21472	5.58	3 1-	6HDCU	0	0	747	156	8	1	1	0.00	4.24	0
CO21538	CO21471	5.70	1 1-	4ACSR	0	0	725	155	0	0	0	0.00	4.24	0
CO21537	CO21538	5.79	1 1-	4ACSR	0	0	707	154	0	0	0	0.00	4.24	0
CO21473	CO21471	5.87	2 1-	6HDCU	0	0	693	154	8	1	1	0.01	4.26	0
CO21475	CO21473	5.99	2 1-	6HDCU	0	0	674	153	8	1	1	0.00	4.26	0
CO21474	CO21475	6.03	1 1-	6HDCU	0	0	666	152	2	0	0	0.00	4.26	0
CO21470	CO21371	5.27	247 3-	1/0ACSR	1112	1046	817	159	1449	67	29	0.06	4.28	132
CO21469	CO21470	5.31	245 3-	1/0ACSR	1103	1039	811	159	1417	65	29	0.05	4.33	103
CO21464	CO21469	5.38	244 3-	1/0ACSR	1091	1027	801	159	1403	65	28	0.07	4.40	150
CO21463	CO21464	5.43	241 3-	1/0ACSR	1080	1017	793	158	1383	64	28	0.06	4.46	133
CO21465	CO21463	5.49	239 3-	1/0ACSR	1069	1007	785	158	1373	63	28	0.06	4.52	130
CO21462	CO21465	5.54	237 3-	1/0ACSR	1059	997	777	158	1352	62	27	0.06	4.58	120
CO21466	CO21462	5.58	236 3-	1/0ACSR	1052	991	772	158	1342	62	27	0.04	4.62	83
CO21546	CO21466	5.63	2 1-	4ACSR	0	0	762	157	16	2	2	0.00	4.62	0
CO21542	CO21546	5.68	1 1-	4ACSR	0	0	752	157	8	1	1	0.00	4.62	0
CO21468	CO21466	5.68	234 3-	1/0ACSR	1032	973	757	157	1326	61	27	0.11	4.73	232
CO21467	CO21468	5.81	230 3-	1/0ACSR	1009	952	740	157	1313	61	27	0.14	4.87	279
CO21372	CO21467	5.92	229 3-	1/0ACSR	991	935	726	156	1303	60	26	0.11	4.98	233
CO21480	CO21372	5.98	213 3-	1/0ACSR	982	927	720	156	1206	56	24	0.05	5.03	94
CO21479	CO21480	6.00	212 3-	1/0ACSR	979	923	717	156	1193	55	24	0.02	5.05	38
CO21379	CO21479	6.03	29 1-	4ACSR	0	0	711	156	250	34	25	0.05	5.11	22
CO21408	CO21379	6.06	1 1-	2ACSR	0	0	708	156	9	1	1	0.00	5.11	0
CO21511	CO21379	6.04	28 1-	4ACSR	0	0	710	156	240	33	24	0.01	5.12	6
OC1594843032	CO21511	6.04	27 1-	50 L OCR	0	0	710	156	240	33	0	0.00	5.12	0
CO21503	OC1594843032	6.06	27 1-	4ACSR	0	0	706	155	240	33	24	0.03	5.15	10
CO21499	CO21503	6.09	26 1-	4ACSR	0	0	700	155	229	31	23	0.05	5.19	18
CO21498	CO21499	6.12	25 1-	4ACSR	0	0	695	155	217	30	22	0.04	5.23	14
CO21502	CO21498	6.16	21 1-	4ACSR	0	0	690	155	189	26	19	0.03	5.26	10
CO21500	CO21502	6.19	17 1-	4ACSR	0	0	685	154	161	22	16	0.03	5.29	7
CO21501	CO21500	6.21	13 1-	4ACSR	0	0	681	154	129	17	13	0.02	5.31	4
CO958508272	CO21501	6.30	1 1-	2ACSR	0	0	669	154	7	0	1	0.00	5.31	0
CO21506	CO21501	6.24	11 1-	4ACSR	0	0	675	154	113	15	11	0.02	5.33	4
CO21507	CO21506	6.27	10 1-	4ACSR	0	0	670	154	101	14	10	0.02	5.35	3
CO21407	CO21507	6.30	2 1-	2ACSR	0	0	667	153	20	2	2	0.00	5.35	0
CO21561	CO21507	6.29	3 1-	2ACSR	0	0	668	153	35	4	3	0.00	5.35	0
CO21560	CO21561	6.30	1 1-	2ACSR	0	0	666	153	16	2	1	0.00	5.35	0
CO21562	CO21560	6.33	1 1-	2ACSR	0	0	663	153	16	2	1	0.00	5.36	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21510	CO21507	6.29	5 1-	4ACSR	0	0	667	153	46	6	5	0.00	5.36	0
CO21509	CO21510	6.33	3 1-	4ACSR	0	0	662	153	28	3	3	0.00	5.36	0
CO21508	CO21509	6.34	1 1-	4ACSR	0	0	659	153	10	1	1	0.00	5.36	0
CO21504	CO21508	6.36	1 1-	4ACSR	0	0	657	153	10	1	1	0.00	5.36	0
CO21505	CO21504	6.40	0 1-	4ACSR	0	0	650	152	0	0	0	0.00	5.36	0
CO21486	CO21479	6.02	178 3-	1/0ACSR	976	920	715	156	925	43	19	0.01	5.07	21
CO21481	CO21486	6.04	178 3-	1/0ACSR	972	917	712	156	925	43	19	0.02	5.09	26
CO21484	CO21481	6.05	178 3-	1/0ACSR	970	915	711	156	925	43	19	0.01	5.09	11
CO21483	CO21484	6.08	178 3-	1/0ACSR	966	912	708	156	925	43	19	0.02	5.11	28
CO21485	CO21483	6.14	178 3-	1/0ACSR	957	903	701	155	925	43	19	0.04	5.16	62
CO21482	CO21485	6.19	177 3-	1/0ACSR	948	895	695	155	915	42	19	0.04	5.20	61
CO21406	CO21482	6.38	2 1-	4ACSR	0	0	663	153	2	0	0	0.00	5.20	0
CO21488	CO21482	6.26	175 3-	1/0ACSR	938	886	687	155	913	42	19	0.05	5.25	71
CO21487	CO21488	6.33	175 3-	1/0ACSR	929	877	680	155	913	42	19	0.05	5.30	68
CO30656	CO21487	6.40	168 3-	1/0ACSR	919	867	672	154	885	41	18	0.05	5.35	69
CO21489	CO30656	6.59	167 3-	1/0ACSR	892	842	652	153	872	40	18	0.14	5.48	187
CO21490	CO21489	6.61	167 3-	1/0ACSR	889	840	650	153	871	40	18	0.01	5.50	18
CO21354	CO21490	6.67	167 3-	1/0ACSR	882	833	645	153	871	40	18	0.04	5.54	52
CO21532	CO21354	6.74	6 1-	4ACSR	0	0	635	152	34	4	3	0.01	5.55	0
CO21533	CO21532	6.80	4 1-	4ACSR	0	0	626	152	26	3	3	0.01	5.56	0
CO21583	CO21533	6.85	3 1-	4ACSR	0	0	618	151	15	2	2	0.00	5.56	0
CO21419	CO21354	6.74	159 3-	1/0ACSR	872	824	638	153	827	38	17	0.05	5.59	66
CO21420	CO21419	6.80	159 3-	1/0ACSR	865	818	633	153	827	38	17	0.04	5.62	48
CO21418	CO21420	6.85	159 3-	1/0ACSR	858	811	627	152	827	38	17	0.04	5.66	50
CO21514	CO21418	6.90	126 3-	1/0ACSR	852	806	623	152	827	38	17	0.02	5.69	25
CO21516	CO21514	6.99	126 3-	1/0ACSR	841	795	615	152	827	38	17	0.05	5.74	51
CO21515	CO21516	7.03	126 3-	1/0ACSR	836	791	611	152	827	38	17	0.02	5.76	21
CO21380	CO21515	7.13	121 1-	6HDCU	0	0	598	151	648	91	71	0.42	6.17	450
CO21357	CO21380	7.20	118 1-	6HDCU	0	0	589	150	636	90	70	0.29	6.46	307
CO21358	CO21357	7.30	117 1-	6HDCU	0	0	577	149	632	90	69	0.41	6.87	432
CO21378	CO21358	7.37	117 1-	6HDCU	0	0	569	149	630	90	69	0.26	7.13	278
CO21491	CO21378	7.46	115 1-	6HDCU	0	0	559	148	614	87	68	0.37	7.50	383
CO21496	CO21491	7.51	113 1-	6HDCU	0	0	553	148	605	86	67	0.18	7.68	183
CO21495	CO21496	7.60	112 1-	6HDCU	0	0	543	147	601	86	66	0.35	8.03	351
CO21497	CO21495	7.65	109 1-	6HDCU	0	0	538	146	577	83	64	0.19	8.22	187
CO1394043038	CO21497	7.97	89 1-	2ACSR	0	0	512	145	485	70	39	0.71	8.94	561
OC2026768303	CO1394043038	7.97	89 1-	35 L OCR	0	0	512	145	482	70	201	0.00	8.94	0
OH254	OC2026768303	7.99	89 1-	2ACSR	0	0	511	144	482	70	39	0.03	8.97	24
CO30549	OH254	8.11	89 1-	4ACSR	0	0	499	143	482	70	50	0.40	9.36	328
CO18899	CO30549	8.14	4 1-	4ACSR	0	0	497	143	23	3	2	0.00	9.37	0
CO23767	CO18899	8.19	3 1-	4ACSR	0	0	493	143	14	2	1	0.00	9.37	0
CO21534	CO23767	8.31	3 1-	4ACSR	0	0	482	142	14	2	1	0.01	9.38	0
CO1432182210	CO21534	8.43	1 1-	2ACSR	0	0	474	141	5	0	0	0.00	9.38	0
CO107576208	CO1432182210	8.48	1 1-	2ACSR	0	0	471	141	5	0	0	0.00	9.38	0
CO18869	CO30549	8.16	84 1-	4ACSR	0	0	495	143	457	66	48	0.13	9.50	104
CO166337835	CO18869	8.18	83 1-	2ACSR	0	0	494	143	445	65	36	0.04	9.54	29
CO967454169	CO166337835	8.23	83 1-	2ACSR	0	0	490	143	445	65	36	0.11	9.65	80
CO18992	CO967454169	8.26	81 1-	4ACSR	0	0	488	143	430	62	45	0.07	9.71	49
CO18991	CO18992	8.29	80 1-	4ACSR	0	0	485	142	418	61	44	0.09	9.80	64
CO18994	CO18991	8.35	78 1-	4ACSR	0	0	480	142	397	58	42	0.16	9.97	111
CO18993	CO18994	8.40	77 1-	4ACSR	0	0	475	141	389	57	41	0.13	10.10	89
CO-1548548558	CO18993	8.47	1 1-	2ACSR	0	0	471	141	5	0	0	0.00	10.10	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18953	CO18993	8.47	75 1-	4ACSR	0	0	470	141	382	56	40	0.17	10.27	109
CO18988	CO18953	8.58	74 1-	4ACSR	0	0	460	140	371	54	39	0.29	10.55	184
CO18990	CO18988	8.60	73 1-	4ACSR	0	0	459	140	368	54	39	0.05	10.60	31
CO18989	CO18990	8.63	72 1-	4ACSR	0	0	457	140	367	54	39	0.06	10.66	38
CO18832	CO18989	8.70	6 1-	4ACSR	0	0	452	139	33	4	3	0.01	10.68	0
CO18870	CO18832	8.79	1 1-	4ACSR	0	0	444	139	5	0	1	0.00	10.68	0
CO18833	CO18832	8.77	5 1-	4ACSR	0	0	446	139	28	4	3	0.01	10.69	0
CO18871	CO18833	8.86	2 1-	4ACSR	0	0	440	138	4	0	0	0.00	10.69	0
CO23768	CO18833	9.06	3 1-	4ACSR	0	0	425	137	24	3	3	0.03	10.73	0
CO21450	CO23768	9.09	2 1-	4ACSR	0	0	424	136	10	1	1	0.00	10.73	0
CO21398	CO21450	9.21	0 1-	4ACSR	0	0	415	135	0	0	0	0.00	10.73	0
CO21369	CO21450	9.15	2 1-	4ACSR	0	0	419	136	10	1	1	0.00	10.73	0
CO23769	CO21369	9.47	2 1-	4ACSR	0	0	399	134	10	1	1	0.02	10.75	0
CO18900	CO23769	9.50	2 1-	4ACSR	0	0	397	133	10	1	1	0.00	10.76	0
CO18873	CO18900	9.58	0 1-	4ACSR	0	0	392	133	0	0	0	0.00	10.76	0
CO18872	CO18900	9.59	2 1-	4ACSR	0	0	392	133	10	1	1	0.00	10.76	0
CO21399	CO21369	9.29	0 1-	4ACSR	0	0	410	135	0	0	0	0.00	10.73	0
CO18830	CO18989	8.72	65 1-	4ACSR	0	0	449	139	316	46	33	0.20	10.86	108
CO1133845876	CO18830	8.86	2 1-	4ACSR	0	0	440	138	8	1	1	0.01	10.87	0
CO1835032348	CO1133845876	8.98	1 1-	2ACSR	0	0	433	137	7	1	1	0.00	10.87	0
CO-287486899	CO1133845876	8.95	1 1-	4ACSR	0	0	433	137	1	0	0	0.00	10.87	0
CO18987	CO-287486899	9.11	1 1-	4ACSR	0	0	422	136	1	0	0	0.00	10.87	0
CO19036	CO18987	9.13	0 1-	4ACSR	0	0	420	136	0	0	0	0.00	10.87	0
SW571-B	CO19036	9.13	0 1-	Open	0	0	420	136	0	0	0	0.00	10.87	0
CO18829	CO18830	8.82	62 1-	4ACSR	0	0	442	138	299	44	32	0.18	11.05	94
CO18866	CO18829	8.89	1 1-	4ACSR	0	0	437	138	1	0	0	0.00	11.05	0
CO18828	CO18829	8.98	60 1-	4ACSR	0	0	431	137	286	42	30	0.32	11.37	160
CO18897	CO18828	9.06	1 1-	4ACSR	0	0	425	137	5	0	1	0.00	11.37	0
CO18898	CO18897	9.11	1 1-	4ACSR	0	0	422	136	5	0	1	0.00	11.37	0
CO18827	CO18828	9.01	59 1-	4ACSR	0	0	428	137	281	41	30	0.06	11.42	27
CO18865	CO18827	9.11	2 1-	4ACSR	0	0	422	136	2	0	0	0.00	11.42	0
CO18864	CO18827	9.12	0 1-	4ACSR	0	0	421	136	0	0	0	0.00	11.42	0
CO18826	CO18827	9.13	57 1-	4ACSR	0	0	421	136	278	41	30	0.22	11.64	105
CO18951	CO18826	9.21	3 1-	4ACSR	0	0	415	136	7	1	1	0.00	11.64	0
CO18952	CO18951	9.26	1 1-	4ACSR	0	0	412	135	0	0	0	0.00	11.64	0
CO18825	CO18826	9.19	54 1-	4ACSR	0	0	416	136	270	40	29	0.12	11.76	56
CO19035	CO18825	9.34	49 1-	4ACSR	0	0	407	135	236	35	25	0.23	11.99	95
OC572	CO19035	9.34	47 1-	35 H OCR	0	0	407	135	224	33	95	0.00	11.99	0
CO19034	OC572	9.35	47 1-	4ACSR	0	0	406	135	224	33	24	0.01	12.00	4
CO18948	CO19034	9.44	3 1-	4ACSR	0	0	401	134	4	0	0	0.00	12.00	0
CO18949	CO18948	9.52	2 1-	4ACSR	0	0	396	133	0	0	0	0.00	12.00	0
CO-1954166014	CO18949	9.57	0 1-	2ACSR	0	0	393	133	0	0	0	0.00	12.00	0
CO1282523971	CO-1954166014	9.58	0 1-	2ACSR	0	0	393	133	0	0	0	0.00	12.00	0
CO18824	CO19034	9.50	44 1-	4ACSR	0	0	397	133	219	32	23	0.21	12.21	80
CO19002	CO18824	9.66	29 1-	4ACSR	0	0	387	132	165	24	18	0.18	12.39	51
CO19001	CO19002	9.72	28 1-	4ACSR	0	0	384	132	156	23	17	0.05	12.45	15
CO18997	CO19001	9.80	3 1-	4ACSR	0	0	379	131	15	2	2	0.01	12.45	0
CO18998	CO18997	9.83	1 1-	4ACSR	0	0	378	131	4	0	0	0.00	12.45	0
CO18823	CO19001	9.82	23 1-	4ACSR	0	0	378	131	132	19	14	0.10	12.54	22
CO18999	CO18823	9.85	4 1-	4ACSR	0	0	377	131	13	1	1	0.00	12.54	0
CO19000	CO18999	9.94	2 1-	4ACSR	0	0	372	131	1	0	0	0.00	12.54	0
CO18822	CO18823	9.90	19 1-	4ACSR	0	0	374	131	119	17	13	0.07	12.61	14

Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18895	CO18822	10.04	18 1-	4ACSR	0	0	367	130	113	16	12	0.11	12.71	21
CO18894	CO18895	10.19	18 1-	4ACSR	0	0	359	129	113	16	12	0.12	12.83	23
CO18889	CO18894	10.31	14 1-	4ACSR	0	0	353	128	92	13	10	0.06	12.90	10
CO18890	CO18889	10.35	11 1-	4ACSR	0	0	352	128	73	11	8	0.02	12.91	2
CO18967	CO18890	10.38	9 1-	4ACSR	0	0	350	128	63	9	7	0.02	12.93	0
CO18969	CO18967	10.43	2 1-	2ACSR	0	0	348	127	18	2	2	0.00	12.93	0
CO18964	CO18969	10.49	2 1-	2ACSR	0	0	346	127	18	2	2	0.00	12.94	0
CO18965	CO18964	10.58	2 1-	2ACSR	0	0	343	127	18	2	2	0.01	12.95	0
CO18966	CO18965	10.63	2 1-	2ACSR	0	0	341	127	18	2	2	0.00	12.95	0
CO23843	CO18966	10.78	1 1-	2ACSR	0	0	336	126	8	1	1	0.00	12.95	0
CO18799	CO23843	10.81	0 1-	2ACSR	0	0	335	126	0	0	0	0.00	12.95	0
CO18800	CO18799	10.90	0 1-	2ACSR	0	0	332	125	0	0	0	0.00	12.95	0
CO18722	CO18800	10.97	0 1-	2ACSR	0	0	330	125	0	0	0	0.00	12.95	0
CO18723	CO18722	11.04	0 1-	2ACSR	0	0	327	125	0	0	0	0.00	12.95	0
CO18968	CO18967	10.47	7 1-	4ACSR	0	0	346	127	44	6	5	0.02	12.95	0
CO420935310	CO18968	10.52	1 1-	2ACSR	0	0	344	127	17	2	1	0.00	12.96	0
CO18891	CO18968	10.49	4 1-	4ACSR	0	0	345	127	20	2	2	0.00	12.96	0
CO18892	CO18891	10.57	4 1-	4ACSR	0	0	342	127	20	2	2	0.01	12.97	0
CO18893	CO18892	10.60	3 1-	4ACSR	0	0	340	126	18	2	2	0.00	12.97	0
CO18995	CO18893	10.63	3 1-	4ACSR	0	0	339	126	18	2	2	0.00	12.97	0
CO18996	CO18995	10.66	1 1-	4ACSR	0	0	337	126	5	0	1	0.00	12.97	0
CO18857	CO18892	10.79	1 1-	4ACSR	0	0	332	125	1	0	0	0.00	12.97	0
CO18856	CO18968	10.51	1 1-	4ACSR	0	0	344	127	3	0	0	0.00	12.95	0
CO18877	CO18890	10.41	1 1-	4ACSR	0	0	349	128	9	1	1	0.00	12.92	0
CO18835	CO18894	10.36	4 1-	4ACSR	0	0	351	128	21	3	2	0.02	12.85	0
CO19021	CO18835	10.44	4 1-	4ACSR	0	0	347	127	21	3	2	0.01	12.87	0
CO19020	CO19021	10.46	4 1-	4ACSR	0	0	346	127	21	3	2	0.00	12.87	0
CO19017	CO19020	10.63	0 1-	4ACSR	0	0	339	126	0	0	0	0.00	12.87	0
OC27653694	CO19017	10.63	0 1-	20 N FUSE	0	0	339	126	0	0	0	0.00	12.87	0
OH253	OC27653694	10.76	0 1-	4ACSR	0	0	333	125	0	0	0	0.00	12.87	0
CO18855	CO19020	10.58	3 1-	4ACSR	0	0	341	126	18	2	2	0.01	12.88	0
CO18878	CO18835	10.42	0 1-	4/0ACSR	0	0	350	128	0	0	0	0.00	12.85	0
CO18858	CO18822	9.94	1 1-	4ACSR	0	0	372	131	6	0	1	0.00	12.61	0
CO18896	CO18824	9.64	10 1-	4ACSR	0	0	389	133	25	3	3	0.02	12.24	0
CO19004	CO18896	9.66	10 1-	4ACSR	0	0	388	132	25	3	3	0.00	12.24	0
CO19005	CO19004	9.67	10 1-	4ACSR	0	0	387	132	25	3	3	0.00	12.24	0
CO1884178471	CO19005	9.72	1 1-	2ACSR	0	0	385	132	2	0	0	0.00	12.24	0
CO1111367464	CO19005	9.69	1 1-	2ACSR	0	0	386	132	2	0	0	0.00	12.24	0
CO19003	CO19005	9.71	6 1-	4ACSR	0	0	385	132	20	2	2	0.00	12.25	0
CO19006	CO19003	9.75	5 1-	4ACSR	0	0	382	132	20	2	2	0.01	12.25	0
CO19007	CO19006	9.77	3 1-	4ACSR	0	0	382	132	14	2	2	0.00	12.25	0
CO19022	CO19007	9.93	3 1-	4ACSR	0	0	373	131	14	2	2	0.02	12.27	0
CO19023	CO19022	9.95	3 1-	4ACSR	0	0	371	130	14	2	2	0.00	12.27	0
CO18973	CO19023	10.06	2 1-	4ACSR	0	0	366	130	12	1	1	0.01	12.28	0
CO18974	CO18973	10.16	1 1-	4ACSR	0	0	361	129	0	0	0	0.00	12.28	0
CO18868	CO18973	10.09	1 1-	4ACSR	0	0	364	130	12	1	1	0.00	12.28	0
CO18867	CO19023	9.99	1 1-	4ACSR	0	0	370	130	2	0	0	0.00	12.27	0
CO18860	CO18824	9.59	2 1-	4ACSR	0	0	392	133	6	0	1	0.00	12.22	0
CO18859	CO18824	9.56	1 1-	4ACSR	0	0	393	133	2	0	0	0.00	12.21	0
CO18863	CO18825	9.27	3 1-	4ACSR	0	0	411	135	22	3	2	0.01	11.76	0
CO18862	CO18825	9.24	1 1-	4ACSR	0	0	413	135	9	1	1	0.00	11.76	0
CO18861	CO18825	9.50	1 1-	4ACSR	0	0	397	134	3	0	0	0.00	11.76	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21492	CO21497	7.71	19 1-	6HDCU	0	0	532	146	85	12	9	0.03	8.25	5
OC1241396150	CO21492	7.71	19 1-	35 L OCR	0	0	532	146	85	12	35	0.00	8.25	0
CO21494	OC1241396150	7.76	19 1-	6HDCU	0	0	527	145	85	12	9	0.03	8.28	4
CO21493	CO21494	7.77	19 1-	6HDCU	0	0	526	145	85	12	9	0.01	8.29	0
CO21429	CO21493	7.84	19 1-	6HDCU	0	0	519	145	85	12	9	0.04	8.32	6
CO21428	CO21429	7.89	19 1-	6HDCU	0	0	514	144	85	12	9	0.03	8.35	4
CO902378932	CO21428	7.93	17 1-	2ACSR	0	0	511	144	70	10	6	0.01	8.36	0
CO1840419874	CO902378932	8.03	15 1-	2ACSR	0	0	503	144	56	7	4	0.02	8.39	2
CO18941	CO1840419874	8.09	15 1-	6HDCU	0	0	498	143	56	7	6	0.02	8.41	0
CO18853	CO18941	8.17	1 1-	4ACSR	0	0	490	143	3	0	0	0.00	8.41	0
CO18852	CO18941	8.15	1 1-	4ACSR	0	0	493	143	9	1	1	0.00	8.41	0
CO18936	CO18941	8.15	9 1-	6HDCU	0	0	493	143	30	4	3	0.01	8.42	0
CO18937	CO18936	8.32	8 1-	6HDCU	0	0	478	142	30	4	3	0.03	8.45	0
CO18944	CO18937	8.38	2 1-	4ACSR	0	0	473	141	5	0	1	0.00	8.45	0
CO18945	CO18944	8.44	2 1-	4ACSR	0	0	468	141	5	0	1	0.00	8.45	0
CO18943	CO18937	8.38	6 1-	6HDCU	0	0	473	141	25	3	3	0.01	8.46	0
CO18942	CO18943	8.51	6 1-	6HDCU	0	0	463	140	25	3	3	0.02	8.48	0
CO18926	CO18942	8.53	5 1-	6HDCU	0	0	461	140	25	3	3	0.00	8.48	0
CO18927	CO18926	8.57	5 1-	6HDCU	0	0	458	140	25	3	3	0.01	8.49	0
CO18845	CO18927	8.60	2 1-	4ACSR	0	0	455	139	3	0	0	0.00	8.49	0
CO519109185	CO18845	8.65	1 1-	2ACSR	0	0	453	139	0	0	0	0.00	8.49	0
CO-70866876	CO519109185	8.72	1 1-	2ACSR	0	0	448	139	0	0	0	0.00	8.49	0
CO18915	CO18927	8.60	3 1-	2ACSR	0	0	456	139	22	3	2	0.00	8.49	0
CO18916	CO18915	8.66	3 1-	2ACSR	0	0	452	139	22	3	2	0.01	8.50	0
CO18914	CO18916	8.71	3 1-	2ACSR	0	0	449	139	22	3	2	0.00	8.50	0
CO18844	CO18914	8.85	1 1-	4ACSR	0	0	439	138	6	0	1	0.00	8.51	0
CO18917	CO18914	8.76	2 1-	6HDCU	0	0	446	139	16	2	2	0.00	8.51	0
CO18918	CO18917	8.87	2 1-	6HDCU	0	0	437	138	16	2	2	0.01	8.52	0
CO18975	CO18918	8.93	1 1-	6HDCU	0	0	433	137	8	1	1	0.00	8.52	0
CO18976	CO18975	9.02	1 1-	6HDCU	0	0	427	137	8	1	1	0.00	8.53	0
CO18970	CO18976	9.08	1 1-	6HDCU	0	0	423	136	8	1	1	0.00	8.53	0
CO18847	CO18970	9.12	1 1-	4ACSR	0	0	420	136	8	1	1	0.00	8.53	0
CO18971	CO18970	9.11	0 1-	6HDCU	0	0	421	136	0	0	0	0.00	8.53	0
CO18819	CO18918	8.92	1 1-	4ACSR	0	0	434	137	8	1	1	0.00	8.52	0
CO19032	CO18819	8.93	1 1-	4ACSR	0	0	433	137	8	1	1	0.00	8.52	0
SW570-B	CO19032	8.93	1 1-	Closed	0	0	433	137	8	1	0	0.00	8.52	0
SW570-A	SW570-B	8.93	1 1-	Closed	0	0	433	137	8	1	0	0.00	8.52	0
CO19033	SW570-A	9.02	1 1-	4ACSR	0	0	427	137	8	1	1	0.00	8.53	0
CO18820	CO19033	9.21	0 1-	4ACSR	0	0	415	135	0	0	0	0.00	8.53	0
CO18879	CO18820	9.32	0 1-	4ACSR	0	0	407	135	0	0	0	0.00	8.53	0
CO18836	CO18820	9.63	0 1-	4ACSR	0	0	389	132	0	0	0	0.00	8.53	0
CO19037	CO18836	9.63	0 1-	4ACSR	0	0	388	132	0	0	0	0.00	8.53	0
#SW571-A	CO19037	9.63	0 1-	Open	0	0	388	132	0	0	0	0.00	8.53	0
CO18851	CO19033	9.14	1 1-	4ACSR	0	0	419	136	8	1	1	0.00	8.53	0
CO18928	CO18942	8.52	1 1-	6HDCU	0	0	462	140	0	0	0	0.00	8.48	0
CO18929	CO18928	8.54	1 1-	6HDCU	0	0	460	140	0	0	0	0.00	8.48	0
CO18939	CO18941	8.19	4 1-	4ACSR	0	0	489	142	13	1	1	0.01	8.41	0
CO18940	CO18939	8.26	3 1-	4ACSR	0	0	483	142	11	1	1	0.01	8.42	0
CO18938	CO18940	8.39	2 1-	4ACSR	0	0	471	141	10	1	1	0.00	8.42	0
CO941266091	CO902378932	7.98	1 1-	2ACSR	0	0	507	144	8	1	1	0.00	8.36	0
CO-114222541	CO902378932	7.98	1 1-	2ACSR	0	0	507	144	6	0	1	0.00	8.36	0
CO21520	CO21428	7.91	1 1-	4ACSR	0	0	512	144	6	0	1	0.00	8.35	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21519	CO21520	8.02	1 1-	4ACSR	0	0	502	143	6	0	1	0.00	8.35	0
CO21388	CO21428	7.95	1 1-	4ACSR	0	0	508	144	9	1	1	0.00	8.35	0
CO21559	CO21378	7.43	2 1-	6HDCU	0	0	563	148	15	2	2	0.00	7.14	0
CO21558	CO21559	7.50	1 1-	6HDCU	0	0	555	148	10	1	1	0.00	7.14	0
CO21387	CO21357	7.26	1 1-	4ACSR	0	0	582	150	2	0	0	0.00	6.46	0
CO21414	CO21380	7.18	2 1-	6HDCU	0	0	593	150	1	0	0	0.00	6.17	0
CO21386	CO21380	7.22	1 1-	4ACSR	0	0	588	150	9	1	1	0.00	6.18	0
CO21569	CO21515	7.08	4 1-	6HDCU	0	0	605	151	8	1	1	0.00	5.76	0
CO21571	CO21569	7.13	3 1-	6HDCU	0	0	598	151	8	1	1	0.00	5.76	0
CO21570	CO21571	7.18	3 1-	6HDCU	0	0	592	150	8	1	1	0.00	5.76	0
CO21513	CO21418	6.92	33 1-	6HDCU	0	0	618	152	170	23	18	0.07	5.73	19
OC-427641767	CO21513	6.92	32 1-	20 N FUSE	0	0	618	152	170	23	119	0.00	5.73	0
CO21512	OC-427641767	6.99	32 1-	6HDCU	0	0	608	151	170	23	18	0.08	5.81	23
CO21368	CO21512	7.07	30 1-	6HDCU	0	0	598	150	158	22	17	0.07	5.88	20
CO-942203908	CO21368	7.12	28 1-	2ACSR	0	0	593	150	149	20	12	0.03	5.92	8
CO292876963	CO-942203908	7.20	28 1-	2ACSR	0	0	586	150	149	20	12	0.05	5.96	12
OC-1516835302	CO292876963	7.20	28 1-	20 N FUSE	0	0	586	150	149	20	104	0.00	5.96	0
CO1034439366	OC-1516835302	7.26	27 1-	2ACSR	0	0	579	149	148	20	12	0.04	6.01	10
CO1132936367	CO1034439366	7.31	1 1-	2ACSR	0	0	574	149	8	1	1	0.00	6.01	0
CO-1219372304	CO1132936367	7.40	1 1-	2ACSR	0	0	567	149	8	1	1	0.00	6.01	0
CO392199794	CO1034439366	7.33	26 1-	2ACSR	0	0	573	149	140	19	11	0.04	6.05	9
CO21384	CO392199794	7.35	26 1-	4ACSR	0	0	570	149	140	19	14	0.02	6.07	5
CO21427	CO21384	7.40	26 1-	6HDCU	0	0	565	148	140	19	15	0.04	6.11	10
CO21426	CO21427	7.46	26 1-	6HDCU	0	0	558	148	140	19	15	0.05	6.16	12
CO21577	CO21426	7.55	8 1-	6HDCU	0	0	548	147	50	7	5	0.03	6.19	2
OC647	CO21577	7.55	8 1-	20 N FUSE	0	0	548	147	50	7	35	0.00	6.19	0
CO918482468	OC647	7.70	8 1-	2ACSR	0	0	536	146	50	7	4	0.03	6.22	3
CO21528	CO918482468	7.83	1 1-	4ACSR	0	0	521	145	11	1	1	0.01	6.23	0
CO21527	CO21528	7.87	1 1-	4ACSR	0	0	518	145	11	1	1	0.00	6.23	0
CO21364	CO918482468	7.73	7 1-	6HDCU	0	0	532	146	39	5	4	0.01	6.23	0
CO21435	CO21364	7.96	7 1-	6HDCU	0	0	509	144	39	5	4	0.05	6.28	3
CO21572	CO21435	8.00	0 1-	6HDCU	0	0	505	144	0	0	0	0.00	6.28	0
CO21434	CO21435	8.16	6 1-	6HDCU	0	0	491	143	29	4	3	0.04	6.31	0
CO21413	CO21434	8.36	6 1-	4ACSR	0	0	474	141	29	4	3	0.03	6.34	0
CO21438	CO21413	8.44	4 1-	6HDCU	0	0	467	141	15	2	2	0.01	6.35	0
CO21410	CO21438	8.49	1 1-	2ACSR	0	0	464	140	8	1	1	0.00	6.35	0
CO21436	CO21438	8.58	3 1-	6HDCU	0	0	456	139	7	0	1	0.01	6.36	0
CO21393	CO21436	8.62	2 1-	4ACSR	0	0	453	139	7	0	1	0.00	6.36	0
CO21437	CO21413	8.50	1 1-	6HDCU	0	0	462	140	4	0	0	0.00	6.34	0
CO21440	CO21437	8.59	0 1-	6HDCU	0	0	455	139	0	0	0	0.00	6.34	0
CO21439	CO21440	8.97	0 1-	6HDCU	0	0	428	137	0	0	0	0.00	6.34	0
CO21382	CO21426	7.62	18 1-	4ACSR	0	0	540	146	90	12	9	0.09	6.25	14
OC-532355344	CO21382	7.62	18 1-	20 N FUSE	0	0	540	146	90	12	63	0.00	6.25	0
CO2053829830	OC-532355344	7.67	0 1-	2ACSR	0	0	535	146	0	0	0	0.00	6.25	0
CO21517	OC-532355344	7.69	1 1-	4ACSR	0	0	533	146	0	0	0	0.00	6.25	0
CO21356	OC-532355344	7.65	17 1-	6HDCU	0	0	536	146	90	12	10	0.02	6.27	3
CO21518	CO21356	7.95	15 1-	4ACSR	0	0	507	144	86	12	9	0.15	6.42	22
CO21523	CO21518	7.95	13 1-	6HDCU	0	0	506	144	77	10	8	0.00	6.43	0
CO21522	CO21523	8.14	10 1-	6HDCU	0	0	490	142	44	6	5	0.05	6.48	4
CO21359	CO21522	8.22	10 1-	6HDCU	0	0	483	142	44	6	5	0.02	6.50	0
CO21433	CO21359	8.28	9 1-	6HDCU	0	0	477	141	40	5	4	0.01	6.51	0
CO1096890692	CO21433	8.33	0 1-	2ACSR	0	0	474	141	0	0	0	0.00	6.51	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21432	CO21433	8.35	8 1-	6HDCU	0	0	472	141	37	5	4	0.02	6.53	0
CO21360	CO21432	8.43	8 1-	6HDCU	0	0	465	140	37	5	4	0.02	6.55	0
OC1161693586	CO21360	8.43	8 1-	20 N FUSE	0	0	465	140	37	5	26	0.00	6.55	0
CO1432280357	OC1161693586	8.75	5 1-	6HDCU	0	0	440	138	32	4	4	0.06	6.61	3
CO825810416	CO1432280357	9.01	5 1-	2ACSR	0	0	426	137	32	4	3	0.04	6.65	0
CO21363	CO825810416	9.13	2 1-	6HDCU	0	0	418	136	4	0	0	0.00	6.65	0
CO30528	CO21363	9.21	1 1-	6HDCU	0	0	413	135	1	0	0	0.00	6.65	0
CO28053	CO30528	9.26	1 1-	4ACSR	0	0	410	135	1	0	0	0.00	6.65	0
CO21362	CO825810416	9.34	3 1-	6HDCU	0	0	405	134	29	4	3	0.06	6.71	3
OC-1426790380	CO21362	9.34	3 1-	15 N FUSE	0	0	405	134	29	4	27	0.00	6.71	0
CO21526	OC-1426790380	9.63	1 1-	6HDCU	0	0	388	132	18	2	2	0.02	6.73	0
CO21525	CO21526	9.68	0 1-	6HDCU	0	0	385	132	0	0	0	0.00	6.73	0
CO21392	OC-1426790380	9.58	2 1-	4ACSR	0	0	390	133	11	1	1	0.01	6.72	0
CO-262718666	CO1432280357	8.84	0 1-	2ACSR	0	0	435	137	0	0	0	0.00	6.61	0
CO21391	OC1161693586	8.54	3 1-	4ACSR	0	0	456	139	5	0	0	0.00	6.55	0
CO21389	CO21432	8.40	0 1-	4ACSR	0	0	468	140	0	0	0	0.00	6.53	0
CO21390	CO21359	8.24	1 1-	6HDCU	0	0	480	142	5	0	1	0.00	6.50	0
CO21430	CO21522	8.15	0 1-	6HDCU	0	0	488	142	0	0	0	0.00	6.48	0
CO21431	CO21523	8.00	1 1-	6HDCU	0	0	502	143	16	2	2	0.00	6.43	0
CO21524	CO21431	8.03	0 1-	6HDCU	0	0	500	143	0	0	0	0.00	6.43	0
CO21521	CO21518	8.00	1 1-	6HDCU	0	0	502	143	5	0	1	0.00	6.42	0
CO21444	OC-1516835302	7.24	1 1-	6HDCU	0	0	581	149	1	0	0	0.00	5.96	0
CO21355	CO21444	7.31	1 1-	6HDCU	0	0	572	149	1	0	0	0.00	5.96	0
CO21421	CO21355	7.55	1 1-	6HDCU	0	0	545	147	1	0	0	0.00	5.97	0
CO21423	CO21421	7.67	1 1-	6HDCU	0	0	532	146	1	0	0	0.00	5.97	0
CO21422	CO21423	7.73	1 1-	6HDCU	0	0	526	145	1	0	0	0.00	5.97	0
CO21383	CO21422	7.80	1 1-	4ACSR	0	0	519	145	1	0	0	0.00	5.97	0
CO21425	CO21422	8.09	0 1-	6HDCU	0	0	492	143	0	0	0	0.00	5.97	0
CO21424	CO21425	8.32	0 1-	6HDCU	0	0	472	141	0	0	0	0.00	5.97	0
CO21396	CO21368	7.13	2 1-	4ACSR	0	0	591	150	9	1	1	0.00	5.89	0
CO21385	CO21512	7.08	1 1-	4ACSR	0	0	596	150	11	1	1	0.00	5.81	0
CO21381	CO21354	6.72	2 1-	4ACSR	0	0	636	153	10	1	1	0.00	5.54	0
CO21564	CO30656	6.42	1 1-	2ACSR	0	0	669	154	13	1	1	0.00	5.35	0
CO21563	CO21564	6.50	1 1-	2ACSR	0	0	659	154	13	1	1	0.00	5.35	0
CO30652	CO21487	6.33	4 2-	4ACSR	0	875	679	154	19	1	1	0.00	5.30	0
CO30653	CO30652	6.36	4 2-	4ACSR	0	869	674	154	19	1	1	0.00	5.30	0
CO30557	CO30653	6.40	4 2-	4ACSR	0	862	668	154	19	1	1	0.00	5.30	0
CO21478	CO21372	6.04	16 1-	6HDCU	0	0	706	155	96	13	10	0.07	5.05	10
CO21477	CO21478	6.19	15 1-	6HDCU	0	0	680	154	93	12	10	0.09	5.13	13
OC-731192487	CO21477	6.19	15 1-	50 E OCR	0	0	680	154	93	12	26	0.00	5.13	0
CO21403	OC-731192487	6.25	0 1-	4ACSR	0	0	670	153	0	0	0	0.00	5.13	0
CO21373	OC-731192487	6.33	15 1-	6HDCU	0	0	658	153	93	12	10	0.08	5.22	13
CO21374	CO21373	6.63	14 1-	6HDCU	0	0	614	150	91	12	10	0.17	5.38	26
CO21547	CO21374	6.71	3 1-	4ACSR	0	0	604	150	20	2	2	0.01	5.39	0
CO21549	CO21547	6.86	3 1-	4ACSR	0	0	584	148	20	2	2	0.02	5.41	0
CO-455040947	CO21549	6.96	1 1-	2ACSR	0	0	574	148	3	0	0	0.00	5.41	0
CO-778469921	CO21549	6.97	1 1-	2ACSR	0	0	573	148	8	1	1	0.00	5.41	0
CO21548	CO21549	6.97	1 1-	4ACSR	0	0	570	147	10	1	1	0.00	5.42	0
CO21375	CO21374	6.75	11 1-	6HDCU	0	0	599	149	70	9	8	0.05	5.43	6
CO21376	CO21375	7.01	9 1-	6HDCU	0	0	566	147	58	8	6	0.09	5.53	9
CO21405	CO21376	7.09	1 1-	4ACSR	0	0	556	146	3	0	0	0.00	5.53	0
CO21377	CO21376	7.24	8 1-	6HDCU	0	0	540	145	55	7	6	0.07	5.60	6

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21557	CO21377	7.30	4 1-	4ACSR	0	0	534	145	27	3	3	0.01	5.61	0
CO21554	CO21557	7.32	3 1-	4ACSR	0	0	532	145	24	3	2	0.00	5.61	0
CO21556	CO21554	7.39	2 1-	4ACSR	0	0	524	144	12	1	1	0.01	5.62	0
CO21555	CO21556	7.44	2 1-	4ACSR	0	0	519	144	12	1	1	0.00	5.62	0
CO21553	CO21377	7.30	3 1-	4ACSR	0	0	533	145	19	2	2	0.01	5.60	0
CO-379129393	CO21553	7.31	1 1-	2ACSR	0	0	533	145	10	1	1	0.00	5.60	0
CO273911664	CO-379129393	7.38	1 1-	2ACSR	0	0	527	144	10	1	1	0.00	5.61	0
CO-355002256	CO-379129393	7.33	0 1-	2ACSR	0	0	531	145	0	0	0	0.00	5.60	0
CO21551	CO21375	6.84	2 1-	4ACSR	0	0	586	148	12	1	1	0.01	5.44	0
CO21550	CO21551	6.94	1 1-	4ACSR	0	0	575	148	11	1	1	0.00	5.44	0
CO21404	CO21373	6.37	1 1-	4ACSR	0	0	652	152	2	0	0	0.00	5.22	0
CO21476	CO21467	6.48	1 1-	6HDCU	0	0	630	151	9	1	1	0.03	4.90	0
CO21582	CO21476	6.53	1 1-	6HDCU	0	0	623	151	9	1	1	0.00	4.90	0
CO343046750	CO21371	5.37	1 1-	1/0PRIURD	0	0	804	341	13	1	1	0.00	4.23	0
CO21540	CO21460	5.18	1 1-	4ACSR	0	0	828	159	5	0	0	0.00	4.13	0
CO21539	CO21540	5.27	1 1-	4ACSR	0	0	808	159	5	0	0	0.00	4.13	0
CO21566	CO21453	4.68	1 1-	4ACSR	0	0	921	162	2	0	0	0.00	3.40	0
CO21565	CO21566	4.73	0 1-	4ACSR	0	0	906	161	0	0	0	0.00	3.40	0
CO21400	CO21370	4.67	1 1-	4ACSR	0	0	914	161	3	0	0	0.00	3.24	0
CO-637096916	CO22520	4.48	28 3-	1/0ACSR	1310	1228	967	163	174	7	3	0.01	3.13	0
CO-64767903	CO-637096916	4.51	1 1-	2ACSR	0	0	960	163	0	0	0	0.00	3.13	0
CO-1581841413	CO-637096916	4.51	27 3-	1/0ACSR	1303	1221	961	163	174	7	3	0.00	3.14	0
CO22271	CO-1581841413	4.58	27 3-	1/0ACSR	1283	1203	947	163	174	7	3	0.01	3.15	2
CO-786956635	CO22271	4.61	0 1-	2ACSR	0	0	939	162	0	0	0	0.00	3.15	0
CO22457	CO22271	4.64	25 3-	1/0ACSR	1268	1189	935	162	161	7	3	0.01	3.15	0
CO22458	CO22457	4.75	23 3-	1/0ACSR	1239	1163	913	162	151	6	3	0.01	3.17	3
CO22254	CO22458	4.80	23 3-	1/0ACSR	1226	1151	903	162	151	6	3	0.01	3.17	0
CO21973	CO22254	4.86	20 3-	6HDCU	1200	1129	885	161	133	6	5	0.02	3.19	4
CO21975	CO21973	4.90	5 2-	2ACSR	0	1120	878	161	25	1	1	0.00	3.19	0
CO22133	CO21975	4.97	4 1-	4ACSR	0	0	859	160	24	3	2	0.01	3.20	0
CO22289	CO22133	5.00	3 1-	4ACSR	0	0	850	160	19	2	2	0.00	3.20	0
CO22290	CO22289	5.02	2 1-	4ACSR	0	0	847	160	8	1	1	0.00	3.20	0
CO22285	CO22290	5.03	2 1-	4ACSR	0	0	844	160	8	1	1	0.00	3.20	0
CO21972	CO21973	4.89	14 3-	6HDCU	1189	1119	877	161	68	3	2	0.00	3.19	0
CO22415	CO21972	4.92	1 1-	4ACSR	0	0	870	160	3	0	0	0.00	3.19	0
CO22414	CO22415	4.96	1 1-	4ACSR	0	0	860	160	3	0	0	0.00	3.19	0
CO22247	CO21972	4.93	10 3-	6HDCU	1175	1107	867	160	53	2	2	0.00	3.19	0
CO22454	CO22247	4.95	8 3-	6HDCU	1168	1101	862	160	49	2	2	0.00	3.19	0
CO30562	CO22454	4.97	7 3-	6HDCU	1159	1094	856	160	46	2	2	0.00	3.20	0
CO22248	CO30562	5.04	6 3-	6HDCU	1136	1074	840	159	32	1	1	0.00	3.20	0
CO22307	CO22248	5.08	5 3-	1/0ACSR	1128	1066	834	159	26	1	1	0.00	3.20	0
CO22306	CO22307	5.11	5 3-	1/0ACSR	1121	1059	828	159	26	1	1	0.00	3.20	0
CO22513	CO22248	5.04	0 1-	6HDCU	0	0	839	159	0	0	0	0.00	3.20	0
CO22512	CO22513	5.05	0 1-	6HDCU	0	0	837	159	0	0	0	0.00	3.20	0
CO22456	CO22512	5.06	0 1-	6HDCU	0	0	834	159	0	0	0	0.00	3.20	0
CO22041	CO21973	4.98	1 3-	2ACSR	1167	1099	860	160	40	1	1	0.00	3.19	0
CO22037	CO22254	4.87	2 1-	4ACSR	0	0	883	161	14	1	1	0.00	3.17	0
CO22038	CO22520	4.48	3 1-	4ACSR	0	0	964	163	63	8	6	0.01	3.14	0
CO22511	CO22224	3.76	0 2-	6HDCU	0	1451	1155	166	0	0	0	0.00	2.00	0
SW681-A	CO22511	3.76	0 2-	Open	0	1451	1155	166	0	0	0	0.00	2.00	0
CO22023	CO22406	3.58	1 3-	1/0ACSR	1648	1533	1227	168	87	3	2	0.00	1.47	0
CO22514	CO22406	3.57	0 3-	4ACSR	1648	1534	1228	168	0	0	0	0.00	1.46	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22515	CO22514	3.57	0 3-	4ACSR	1643	1530	1224	168	0	0	0	0.00	1.46	0
CO22216	CO22503	3.44	30 1-	6ACWC	0	0	1259	168	158	21	15	0.07	1.21	18
OC570715194	CO22216	3.44	29 1-	35 L OCR	0	0	1259	168	145	19	56	0.00	1.21	0
CO22217	OC570715194	3.48	29 1-	6ACWC	0	0	1242	168	145	19	14	0.03	1.24	6
CO22273	CO22217	3.50	26 1-	6ACWC	0	0	1231	167	132	17	13	0.02	1.26	3
CO22274	CO22273	3.51	25 1-	6ACWC	0	0	1225	167	122	16	12	0.01	1.26	0
CO22214	CO22274	3.53	23 1-	6ACWC	0	0	1213	167	115	15	11	0.02	1.28	3
CO22215	CO22214	3.58	22 1-	6ACWC	0	0	1190	167	114	15	11	0.03	1.31	6
CO22113	CO22215	3.70	21 1-	6ACWC	0	0	1134	165	111	15	11	0.08	1.39	14
CO22112	CO22113	3.75	20 1-	6ACWC	0	0	1113	165	101	13	10	0.03	1.42	4
CO-858773536	CO22112	3.82	19 1-	2ACSR	0	0	1088	164	94	12	7	0.03	1.45	4
CO924094745	CO-858773536	3.89	19 1-	2ACSR	0	0	1066	164	94	12	7	0.03	1.47	4
CO1549511785	CO924094745	3.96	19 1-	2ACSR	0	0	1045	163	94	12	7	0.03	1.50	4
CO-1854058709	CO1549511785	4.00	19 1-	2ACSR	0	0	1031	163	94	12	7	0.02	1.52	3
SW1131714329-A	CO-1854058709	4.00	0 1-	Open	0	0	1031	163	0	0	0	0.00	1.52	0
CO22461	CO-1854058709	4.03	19 1-	4ACSR	0	0	1020	163	94	12	9	0.02	1.53	3
CO21964	CO22461	4.13	18 1-	4ACSR	0	0	986	162	88	11	9	0.05	1.58	7
CO21965	CO21964	4.18	17 1-	4ACSR	0	0	966	161	86	11	8	0.03	1.61	4
CO22119	CO21965	4.22	2 1-	4ACSR	0	0	953	161	13	1	1	0.00	1.61	0
CO22118	CO22119	4.27	1 1-	4ACSR	0	0	938	161	4	0	0	0.00	1.61	0
CO21966	CO21965	4.26	15 1-	4ACSR	0	0	942	161	73	9	7	0.03	1.64	3
CO21967	CO21966	4.51	13 1-	4ACSR	0	0	868	158	62	8	6	0.08	1.73	8
CO22086	CO21967	4.60	10 1-	4ACSR	0	0	842	157	46	6	4	0.02	1.75	0
CO22199	CO22086	4.68	9 1-	4ACSR	0	0	821	157	34	4	3	0.02	1.77	0
CO22200	CO22199	4.81	8 1-	4ACSR	0	0	791	156	32	4	3	0.02	1.79	0
CO22332	CO22200	4.95	3 1-	4ACSR	0	0	759	154	17	2	2	0.01	1.80	0
CO22029	CO22332	5.00	1 1-	4ACSR	0	0	748	154	9	1	1	0.00	1.81	0
CO22333	CO22332	5.06	2 1-	4ACSR	0	0	735	153	7	0	1	0.00	1.81	0
CO22198	CO22200	4.97	5 1-	4ACSR	0	0	754	154	16	2	2	0.01	1.80	0
CO22444	CO22198	5.04	3 1-	4ACSR	0	0	739	153	13	1	1	0.01	1.81	0
CO22443	CO22444	5.20	3 1-	4ACSR	0	0	708	152	13	1	1	0.01	1.82	0
CO22445	CO22443	5.24	3 1-	4ACSR	0	0	700	152	13	1	1	0.00	1.83	0
CO22030	CO22445	5.29	1 1-	4ACSR	0	0	691	151	2	0	0	0.00	1.83	0
CO22286	CO22445	5.29	1 1-	4ACSR	0	0	691	151	9	1	1	0.00	1.83	0
CO22287	CO22286	5.34	1 1-	4ACSR	0	0	683	151	9	1	1	0.00	1.83	0
CO22031	CO21967	4.56	1 1-	4ACSR	0	0	854	158	4	0	0	0.00	1.73	0
CO22033	CO21966	4.32	0 1-	4ACSR	0	0	923	160	0	0	0	0.00	1.64	0
CO22032	CO21964	4.17	1 1-	4ACSR	0	0	972	162	2	0	0	0.00	1.58	0
CO22028	CO22461	4.13	1 1-	4ACSR	0	0	986	162	6	0	1	0.00	1.53	0
CO22015	CO21960	3.36	3 1-	4ACSR	0	0	1295	169	9	1	1	0.00	1.05	0
CO22014	CO22402	3.25	1 1-	4ACSR	0	0	1332	169	3	0	0	0.00	0.82	0
CO22013	CO22202	3.16	1 1-	4ACSR	0	0	1362	169	3	0	0	0.00	0.63	0
CO22111	CO21959	2.90	2 1-	4ACSR	0	0	1446	170	12	1	1	0.00	7.41	0
CO22110	CO22111	2.92	1 1-	4ACSR	0	0	1431	170	6	0	1	0.00	7.41	0
CO22492	CO22400	2.76	5 1-	4ACSR	0	0	1524	171	20	2	2	0.00	7.25	0
OC659	CO22492	2.76	5 1-	10 N FUSE	0	0	1524	171	20	2	28	0.00	7.25	0
CO22493	OC659	2.83	5 1-	4ACSR	0	0	1473	170	20	2	2	0.01	7.26	0
CO22084	CO22493	2.90	4 1-	4ACSR	0	0	1420	169	17	2	2	0.01	7.27	0
CO22342	CO22084	3.35	3 1-	4ACSR	0	0	1164	165	15	2	2	0.04	7.31	0
CO22048	CO22342	3.51	1 1-	2ACSR	0	0	1102	164	7	0	1	0.00	7.31	0
CO22343	CO22342	3.60	2 1-	4ACSR	0	0	1052	162	8	1	1	0.01	7.32	0
CO22212	CO22343	3.66	1 1-	4ACSR	0	0	1028	162	5	0	1	0.00	7.32	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22012	CO22493	2.90	1 1-	4ACSR	0	0	1423	169	2	0	0	0.00	7.26	0
CO22011	CO21958	2.62	1 1-	4ACSR	0	0	1561	171	4	0	0	0.00	6.78	0
CO22010	CO21957	2.53	0 1-	4ACSR	0	0	1604	171	0	0	0	0.00	6.57	0
CO22009	CO22536	2.26	2 1-	4ACSR	0	0	1764	172	12	1	1	0.00	6.07	0
CO22093	CO21940	1.37	12 1-	4ACSR	0	0	2462	175	43	5	4	0.01	3.82	0
CO21984	CO22093	1.49	4 1-	4ACSR	0	0	2259	174	5	0	1	0.00	3.82	0
CO22347	CO22093	1.38	7 1-	4ACSR	0	0	2451	175	33	4	3	0.00	3.82	0
CO22348	CO22347	1.42	1 1-	4ACSR	0	0	2373	174	2	0	0	0.00	3.82	0
CO22301	CO22347	1.43	6 1-	4ACSR	0	0	2357	174	31	4	3	0.01	3.82	0
CO22302	CO22301	1.47	3 1-	4ACSR	0	0	2288	174	13	1	1	0.00	3.82	0
CO22192	CO22302	1.53	0 1-	4ACSR	0	0	2188	173	0	0	0	0.00	3.82	0
CO21983	CO22435	1.29	0 1-	4ACSR	0	0	2570	175	0	0	0	0.00	3.62	0
CO22504	CO22387	0.96	26 1-	4ACSR	0	0	3074	177	76	10	7	0.00	2.78	0
OC667	CO22504	0.96	26 1-	70 L OCR	0	0	3074	177	76	10	15	0.00	2.78	0
CO22505	OC667	1.02	26 1-	4ACSR	0	0	2914	176	76	10	7	0.03	2.81	3
CO22071	CO22505	1.08	25 1-	4ACSR	0	0	2760	175	75	10	7	0.03	2.83	3
CO22072	CO22071	1.09	23 1-	4ACSR	0	0	2737	175	59	8	6	0.00	2.84	0
CO22315	CO22072	1.14	22 1-	4ACSR	0	0	2621	175	55	7	5	0.02	2.85	0
CO22316	CO22315	1.19	20 1-	4ACSR	0	0	2514	174	51	6	5	0.01	2.86	0
CO22073	CO22316	1.25	14 1-	4ACSR	0	0	2390	174	37	5	4	0.01	2.88	0
CO22149	CO22073	1.30	2 1-	4ACSR	0	0	2305	173	7	1	1	0.00	2.88	0
CO22433	CO22149	1.34	0 1-	4ACSR	0	0	2234	173	0	0	0	0.00	2.88	0
CO22432	CO22433	1.38	0 1-	4ACSR	0	0	2170	172	0	0	0	0.00	2.88	0
CO22434	CO22432	1.42	0 1-	4ACSR	0	0	2104	172	0	0	0	0.00	2.88	0
CO22517	CO22434	1.42	0 1-	4ACSR	0	0	2093	172	0	0	0	0.00	2.88	0
SW945-B	CO22517	1.42	0 1-	Closed	0	0	2093	172	0	0	0	0.00	2.88	0
SW945-A	SW945-B	1.42	0 1-	Closed	0	0	2093	172	0	0	0	0.00	2.88	0
CO22398	CO22434	1.45	0 1-	4ACSR	0	0	2047	171	0	0	0	0.00	2.88	0
CO22397	CO22398	1.47	0 1-	4ACSR	0	0	2018	171	0	0	0	0.00	2.88	0
CO22399	CO22397	1.49	0 1-	4ACSR	0	0	2002	171	0	0	0	0.00	2.88	0
CO22524	CO22399	1.57	0 1-	4ACSR	0	0	1892	170	0	0	0	0.00	2.88	0
SW675-B	CO22524	1.57	0 1-	Open	0	0	1892	170	0	0	0	0.00	2.88	0
CO22323	CO22073	1.27	12 1-	4ACSR	0	0	2363	173	29	4	3	0.00	2.88	0
CO22409	CO22323	1.30	6 1-	4ACSR	0	0	2301	173	10	1	1	0.00	2.88	0
CO22408	CO22409	1.34	6 1-	4ACSR	0	0	2234	173	10	1	1	0.00	2.88	0
CO22324	CO22323	1.29	6 1-	4ACSR	0	0	2319	173	19	2	2	0.00	2.88	0
CO22090	CO22324	1.38	1 1-	4ACSR	0	0	2170	172	4	0	0	0.00	2.88	0
CO22496	CO22367	0.31	30 1-	6ACWC	0	0	4749	179	96	12	9	0.00	0.81	0
OC661	CO22496	0.31	30 1-	70 L OCR	0	0	4749	179	96	12	18	0.00	0.81	0
CO22497	OC661	0.35	30 1-	6ACWC	0	0	4556	179	96	12	9	0.02	0.83	3
CO22155	CO22497	0.42	29 1-	6ACWC	0	0	4168	178	87	11	8	0.04	0.86	5
CO22159	CO22155	0.60	28 1-	6ACWC	0	0	3384	176	86	11	8	0.09	0.96	13
CO22160	CO22159	0.65	27 1-	6ACWC	0	0	3203	175	86	11	8	0.02	0.98	3
CO22170	CO22160	0.78	25 1-	6ACWC	0	0	2798	174	75	10	7	0.06	1.04	7
CO22171	CO22170	0.92	22 1-	6ACWC	0	0	2469	172	71	9	7	0.06	1.09	6
CO22377	CO22171	0.96	0 1-	4ACSR	0	0	2370	172	0	0	0	0.00	1.09	0
CO22378	CO22377	1.01	0 1-	4ACSR	0	0	2277	171	0	0	0	0.00	1.09	0
CO22169	CO22171	0.98	21 1-	6ACWC	0	0	2328	172	70	9	7	0.03	1.12	3
CO1793456423	CO22169	1.10	1 1-	2ACSR	0	0	2157	171	11	1	1	0.00	1.12	0
CO-1442038865	CO1793456423	1.13	0 1-	2ACSR	0	0	2124	171	0	0	0	0.00	1.12	0
CO-1419796253	CO1793456423	1.13	0 1-	2ACSR	0	0	2115	171	0	0	0	0.00	1.12	0
CO22344	CO22169	1.02	19 1-	6ACWC	0	0	2250	171	56	7	5	0.01	1.13	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22345	CO22344	1.09	17 1-	6ACWC	0	0	2143	171	53	7	5	0.02	1.15	0
CO22346	CO22345	1.12	16 1-	6ACWC	0	0	2078	170	51	6	5	0.01	1.16	0
CO1704794947	CO22346	1.16	1 1-	2ACSR	0	0	2034	170	0	0	0	0.00	1.16	0
CO22132	CO22346	1.30	2 1-	2ACSR	0	0	1873	169	11	1	1	0.01	1.17	0
CO22131	CO22132	1.35	1 1-	2ACSR	0	0	1824	169	11	1	1	0.00	1.17	0
CO22375	CO22346	1.33	13 1-	6ACWC	0	0	1794	168	40	5	4	0.05	1.21	3
CO22376	CO22375	1.35	13 1-	6ACWC	0	0	1770	168	40	5	4	0.00	1.22	0
CO22168	CO22376	1.39	11 1-	6ACWC	0	0	1722	168	17	2	2	0.00	1.22	0
OC1957618548	CO22168	1.39	9 1-	20 N FUSE	0	0	1722	168	14	1	9	0.00	1.22	0
CO22293	OC1957618548	1.51	9 1-	6ACWC	0	0	1595	166	14	1	1	0.01	1.23	0
CO22294	CO22293	1.57	9 1-	6ACWC	0	0	1542	166	14	1	1	0.00	1.24	0
CO22337	CO22294	1.58	8 1-	6ACWC	0	0	1531	166	13	1	1	0.00	1.24	0
CO22043	CO22337	1.63	2 1-	2ACSR	0	0	1499	165	5	0	0	0.00	1.24	0
CO22338	CO22337	1.66	6 1-	6ACWC	0	0	1466	165	8	1	1	0.00	1.24	0
CO23697	CO22338	1.74	2 1-	4ACSR	0	0	1397	164	4	0	0	0.00	1.24	0
CO22863	CO23697	1.81	1 1-	4ACSR	0	0	1348	163	4	0	0	0.00	1.24	0
CO22167	CO22338	1.69	4 1-	6ACWC	0	0	1437	165	4	0	0	0.00	1.24	0
CO22372	CO22167	2.03	3 1-	6ACWC	0	0	1207	161	4	0	0	0.01	1.25	0
OC703030226	CO22372	2.03	3 1-	20 N FUSE	0	0	1207	161	4	0	3	0.00	1.25	0
CO23844	OC703030226	2.09	3 1-	6ACWC	0	0	1177	161	4	0	0	0.00	1.25	0
CO22830	CO23844	2.13	2 1-	6ACWC	0	0	1154	160	4	0	0	0.00	1.25	0
CO22373	OC1957618548	1.42	0 1-	4ACSR	0	0	1690	167	0	0	0	0.00	1.22	0
CO22374	CO22373	1.51	0 1-	4ACSR	0	0	1592	166	0	0	0	0.00	1.22	0
CO22050	CO22344	1.15	1 1-	2ACSR	0	0	2081	170	3	0	0	0.00	1.13	0
CO22089	CO22160	0.75	1 1-	4ACSR	0	0	2896	174	2	0	0	0.00	0.98	0
CO22088	CO22089	0.80	0 1-	4ACSR	0	0	2737	174	0	0	0	0.00	0.98	0
CO22487	CO22486	0.02	891 3-	750 MCM - 42 wi	6015	6226	6268	180	5483	248	21	0.01	0.02	29
Plumville	CO22487	0.02	891 3-	560 200WVE	6015	6226	6268	180	5483	248	44	0.00	0.02	0
CO21943	Plumville	0.03	891 3-	1/0CU	5959	6137	6177	180	5483	248	80	0.04	0.07	320
XFMR2+	CO21943	0.03	888 3-	5600 KVA 3PH AU	1223	1238	1241	344	5448	246	95	1.40	1.47	0
CO22362+	XFMR2	0.07	887 3-	4/0ACSR	1220	1233	1236	344	5438	123	36	0.02	1.49	166
CO22363+	CO22362	0.21	887 3-	4/0ACSR	1209	1217	1219	343	5437	123	36	0.08	1.57	592
CO22361+	CO22363	0.24	887 3-	4/0ACSR	1206	1213	1215	343	5434	123	36	0.02	1.60	166
CO21944+	CO22361	0.41	885 3-	1/0CU	1194	1195	1196	341	5429	122	40	0.11	1.71	878
CO22150+	CO21944	0.44	882 3-	1/0CU	1192	1191	1192	341	5416	122	40	0.02	1.73	172
CO22151+	CO22150	0.50	881 3-	1/0CU	1187	1186	1184	341	5416	122	40	0.05	1.77	356
CO22061+	CO22151	0.57	881 3-	1/0CU	1182	1181	1177	340	5414	122	40	0.04	1.82	342
CO22069+	CO22061	0.60	3 1-	4ACSR	0	0	1171	339	14	0	1	0.00	1.82	0
CO22356+	CO22069	0.63	2 1-	4ACSR	0	0	1167	339	11	0	1	0.00	1.82	0
CO22357+	CO22356	0.67	2 1-	4ACSR	0	0	1162	338	11	0	1	0.00	1.82	0
CO22067+	CO22061	0.62	877 3-	1/0CU	1178	1176	1171	340	5397	122	39	0.04	1.86	307
CO22068+	CO22067	0.70	873 3-	1/0CU	1172	1170	1162	339	5376	121	39	0.05	1.91	397
CO22045+	CO22068	0.78	1 1-	2ACSR	0	0	1151	338	9	0	0	0.00	1.91	0
CO22066+	CO22068	0.75	870 3-	1/0CU	1169	1166	1157	339	5362	121	39	0.03	1.94	255
CO21991+	CO22066	0.78	1 1-	4ACSR	0	0	1151	338	10	0	0	0.00	1.94	0
CO22522+	CO22066	0.88	864 3-	1/0CU	1159	1155	1143	338	5334	121	39	0.09	2.03	697
CO22064+	CO22522	0.91	861 3-	1/0CU	1157	1152	1139	337	5329	121	39	0.02	2.05	185
CO22065+	CO22064	0.94	859 3-	1/0CU	1155	1151	1136	337	5328	121	39	0.01	2.07	113
CO30523+	CO22065	1.04	838 3-	1/0CU	1148	1142	1125	336	5194	117	38	0.07	2.14	526
CO28315+	CO30523	1.10	834 3-	1/0CU	1144	1138	1119	336	5180	117	38	0.04	2.17	282
CO28513+	CO28315	1.12	6 1-	4ACSR	0	0	1116	335	28	1	1	0.00	2.17	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28514+	CO28513	1.17	4 1-	4ACSR	0	0	1109	334	16	1	1	0.00	2.17	0
CO28515+	CO28514	1.20	1 1-	4ACSR	0	0	1105	334	10	0	0	0.00	2.17	0
CO28516+	CO28315	1.16	2 1-	4ACSR	0	0	1110	334	13	0	1	0.00	2.17	0
CO28517+	CO28516	1.26	1 1-	4ACSR	0	0	1097	332	8	0	0	0.00	2.17	0
CO28312+	CO28315	1.13	826 3-	1/0CU	1141	1135	1116	336	5137	116	38	0.02	2.20	159
CO28313+	CO28312	1.16	822 3-	1/0CU	1139	1133	1113	335	5124	116	38	0.02	2.22	164
CO28518+	CO28313	1.22	11 1-	4ACSR	0	0	1105	334	67	4	3	0.01	2.22	0
CO28519+	CO28518	1.25	10 1-	4ACSR	0	0	1100	333	64	4	3	0.00	2.22	0
CO30429+	CO28519	1.32	6 1-	4ACSR	0	0	1090	332	29	2	1	0.00	2.23	0
CO29038+	CO30429	1.36	2 1-	4ACSR	0	0	1085	331	12	0	1	0.00	2.23	0
CO29039+	CO29038	1.39	1 1-	4ACSR	0	0	1081	330	6	0	0	0.00	2.23	0
CO29037+	CO30429	1.34	2 1-	4ACSR	0	0	1087	331	14	0	1	0.00	2.23	0
CO28873+	CO29037	1.36	2 1-	4ACSR	0	0	1085	331	14	0	1	0.00	2.23	0
CO28353+	CO28519	1.28	1 1-	4ACSR	0	0	1096	333	15	1	1	0.00	2.22	0
CO28520+	CO28519	1.31	3 1-	4ACSR	0	0	1091	332	20	1	1	0.00	2.22	0
CO28314+	CO28313	1.24	811 3-	1/0CU	1134	1127	1105	335	5057	114	37	0.05	2.26	337
CO28354+	CO28314	1.29	1 1-	4ACSR	0	0	1097	333	10	0	0	0.00	2.26	0
CO28521+	CO28314	1.27	810 3-	1/0CU	1132	1125	1102	334	5046	114	37	0.02	2.28	145
CO30433+	CO28521	1.29	810 3-	1/0CU	1130	1123	1100	334	5045	114	37	0.02	2.30	125
CO28967+	CO30433	1.32	809 3-	1/0CU	1128	1121	1097	334	5044	114	37	0.02	2.32	133
CO-1847810322+	CO28967	1.37	2 3-	2ACSR	1124	1116	1091	333	8	0	0	0.00	2.32	0
CO-982977416+	CO28967	1.35	2 1-	2ACSR	0	0	1093	334	4	0	0	0.00	2.31	0
CO28968+	CO28967	1.37	805 3-	1/0CU	1125	1117	1092	334	5032	114	37	0.03	2.35	236
CO28965+	CO28968	1.43	801 3-	1/0CU	1121	1112	1086	333	5017	114	37	0.03	2.38	252
CO28734+	CO28965	1.46	1 1-	4ACSR	0	0	1081	332	2	0	0	0.00	2.38	0
CO28733+	CO28965	1.50	1 1-	4ACSR	0	0	1076	332	4	0	0	0.00	2.38	0
CO28691+	CO28965	1.56	795 3-	1/0CU	1112	1102	1073	332	4993	113	37	0.09	2.47	642
CO28692+	CO28691	1.64	781 3-	1/0CU	1107	1096	1065	331	4961	112	36	0.05	2.52	347
CO29048+	CO28692	1.67	16 1-	4ACSR	0	0	1062	331	52	3	3	0.00	2.52	0
CO29035+	CO29048	1.72	12 1-	4ACSR	0	0	1055	330	38	2	2	0.00	2.52	0
CO29036+	CO29035	1.76	10 1-	4ACSR	0	0	1049	329	16	1	1	0.00	2.52	0
CO28735+	CO29048	1.72	2 1-	4ACSR	0	0	1055	330	9	0	0	0.00	2.52	0
CO29049+	CO29048	1.71	2 1-	4ACSR	0	0	1056	330	5	0	0	0.00	2.52	0
CO28766+	CO28692	1.65	1 1-	4/0ACSR	0	0	1065	331	8	0	0	0.00	2.52	0
CO28961+	CO28692	1.77	764 3-	1/0CU	1098	1087	1053	330	4899	111	36	0.08	2.60	585
CO28962+	CO28961	1.83	758 3-	1/0CU	1094	1082	1047	330	4869	110	36	0.04	2.63	255
CO28949+	CO28962	1.86	758 3-	1/0CU	1092	1080	1044	330	4868	110	36	0.02	2.65	119
CO28950+	CO28949	1.89	757 3-	1/0CU	1090	1078	1042	329	4864	110	36	0.02	2.67	131
CO28811+	CO28950	1.91	757 3-	1/0CU	1089	1077	1040	329	4864	110	36	0.01	2.68	84
CO28812+	CO28811	1.97	757 3-	1/0CU	1085	1072	1033	329	4863	110	36	0.04	2.72	294
CO28813+	CO28812	2.07	757 3-	1/0CU	1079	1065	1024	328	4862	110	36	0.06	2.78	433
CO28693+	CO28813	2.13	144 3-	1/0ACSR	1074	1060	1018	327	701	16	7	0.01	2.79	9
CO28736+	CO28693	2.25	1 1-	4ACSR	0	0	1003	325	0	0	0	0.00	2.79	0
CO28999+	CO28693	2.13	143 3-	1/0ACSR	1074	1060	1018	327	700	16	7	0.00	2.79	0
OC901+	CO28999	2.13	143 3-	50 E OCR	1074	1060	1018	327	700	16	32	0.00	2.79	0
CO29000+	OC901	2.22	143 3-	1/0ACSR	1068	1053	1009	326	700	16	7	0.01	2.80	12
CO28695+	CO29000	2.37	134 3-	1/0ACSR	1056	1040	994	325	687	15	7	0.02	2.82	22
CO29056+	CO28695	2.39	2 1-	4ACSR	0	0	991	324	12	0	1	0.00	2.82	0
CO29057+	CO29056	2.40	1 1-	4ACSR	0	0	990	324	3	0	0	0.00	2.82	0
CO28774+	CO29056	2.44	1 1-	2ACSR	0	0	986	324	9	0	0	0.00	2.82	0
CO28696+	CO28695	2.44	131 3-	1/0ACSR	1051	1034	987	324	664	15	7	0.01	2.83	10
CO28877+	CO28696	2.45	20 1-	4ACSR	0	0	985	324	99	6	5	0.00	2.83	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29074+	CO28877	2.47	20 1-	4ACSR	0	0	984	323	99	6	5	0.00	2.83	0
CO29040+	CO29074	2.48	18 1-	4ACSR	0	0	982	323	91	6	5	0.00	2.84	0
CO28878+	CO29040	2.52	8 1-	4ACSR	0	0	977	322	44	3	2	0.00	2.84	0
CO28879+	CO28878	2.56	8 1-	4ACSR	0	0	973	322	44	3	2	0.00	2.84	0
CO28880+	CO28879	2.60	3 1-	4ACSR	0	0	968	321	20	1	1	0.00	2.84	0
CO29041+	CO29040	2.53	9 1-	4ACSR	0	0	976	322	47	3	2	0.00	2.84	0
CO28988+	CO29041	2.56	3 1-	4ACSR	0	0	972	322	20	1	1	0.00	2.84	0
CO28989+	CO28988	2.58	3 1-	4ACSR	0	0	970	321	20	1	1	0.00	2.84	0
CO28697+	CO28696	2.50	111 3-	1/0ACSR	1047	1030	981	323	565	13	6	0.01	2.84	6
CO28738+	CO28697	2.57	2 1-	4ACSR	0	0	973	322	7	0	0	0.00	2.84	0
CO28737+	CO28697	2.51	3 1-	4ACSR	0	0	979	323	14	0	1	0.00	2.84	0
CO28815+	CO28697	2.55	106 3-	1/0ACSR	1043	1025	976	323	544	12	5	0.01	2.85	5
CO28814+	CO28815	2.61	103 3-	1/0ACSR	1039	1020	970	322	528	12	5	0.01	2.85	5
CO28997+	CO28814	2.62	33 1-	6ACWC	0	0	969	322	173	11	9	0.00	2.85	0
OC898+	CO28997	2.62	33 1-	10 N FUSE	0	0	969	322	173	11	119	0.00	2.85	0
CO28998+	OC898	2.68	33 1-	6ACWC	0	0	962	321	173	11	9	0.02	2.87	4
CO28739+	CO28998	2.72	1 1-	4ACSR	0	0	958	320	10	0	0	0.00	2.87	0
CO28953+	CO28998	2.70	32 1-	6ACWC	0	0	960	320	163	11	8	0.01	2.87	0
CO28954+	CO28953	2.75	30 1-	6ACWC	0	0	954	319	159	10	8	0.01	2.88	3
CO28955+	CO28954	2.78	28 1-	6ACWC	0	0	950	319	155	10	8	0.01	2.89	0
CO28699+	CO28955	2.86	17 1-	6ACWC	0	0	941	317	75	5	4	0.01	2.90	0
CO28700+	CO28699	2.91	12 1-	6ACWC	0	0	936	316	51	3	3	0.00	2.91	0
CO28951+	CO28700	2.97	9 1-	6ACWC	0	0	929	315	36	2	2	0.00	2.91	0
CO28952+	CO28951	3.01	3 1-	6ACWC	0	0	924	314	6	0	0	0.00	2.91	0
CO28816+	CO28952	3.03	3 1-	6ACWC	0	0	921	314	6	0	0	0.00	2.91	0
CO28817+	CO28816	3.12	3 1-	6ACWC	0	0	912	312	6	0	0	0.00	2.91	0
CO28818+	CO28817	3.22	3 1-	6ACWC	0	0	901	310	6	0	0	0.00	2.91	0
CO28741+	CO28818	3.26	1 1-	4ACSR	0	0	896	310	0	0	0	0.00	2.91	0
CO28884+	CO28818	3.26	1 1-	4ACSR	0	0	896	310	4	0	0	0.00	2.91	0
CO28885+	CO28884	3.27	1 1-	4ACSR	0	0	895	309	4	0	0	0.00	2.91	0
CO28740+	CO28700	2.93	3 1-	4ACSR	0	0	934	316	15	1	1	0.00	2.91	0
CO28881+	CO28699	2.89	5 1-	4ACSR	0	0	937	317	24	1	1	0.00	2.90	0
CO28882+	CO28881	2.95	3 1-	4ACSR	0	0	931	316	8	0	0	0.00	2.90	0
CO28883+	CO28882	2.96	3 1-	4ACSR	0	0	929	315	8	0	0	0.00	2.90	0
CO28698+	CO28955	2.82	11 1-	6ACWC	0	0	946	318	80	5	4	0.00	2.90	0
CO28956+	CO28698	2.86	6 1-	6ACWC	0	0	942	317	52	3	3	0.00	2.90	0
CO28957+	CO28956	2.89	5 1-	6ACWC	0	0	937	317	51	3	3	0.00	2.90	0
CO29033+	CO28957	2.96	2 1-	6ACWC	0	0	930	315	29	2	1	0.00	2.90	0
CO28764+	CO29033	3.01	0 1-	6ACWC	0	0	924	314	0	0	0	0.00	2.90	0
CO29034+	CO29033	2.98	1 1-	6ACWC	0	0	927	315	16	1	1	0.00	2.90	0
CO28819+	CO28698	2.91	4 1-	6ACWC	0	0	935	316	22	1	1	0.00	2.90	0
CO28820+	CO28819	2.99	4 1-	6ACWC	0	0	926	315	22	1	1	0.00	2.90	0
CO28821+	CO28820	3.01	3 1-	6ACWC	0	0	924	314	14	0	1	0.00	2.90	0
CO29052+	CO28821	3.11	3 1-	6ACWC	0	0	912	312	14	0	1	0.00	2.91	0
CO28773+	CO29052	3.16	1 1-	2ACSR	0	0	908	312	9	0	0	0.00	2.91	0
CO29053+	CO29052	3.22	2 1-	6ACWC	0	0	901	310	5	0	0	0.00	2.91	0
CO29031+	CO28814	2.69	6 1-	4ACSR	0	0	961	321	35	2	2	0.00	2.85	0
CO28984+	CO29031	2.71	2 1-	4ACSR	0	0	959	320	24	1	1	0.00	2.85	0
CO28985+	CO28984	2.72	1 1-	4ACSR	0	0	957	320	20	1	1	0.00	2.85	0
CO29032+	CO29031	2.72	1 1-	4ACSR	0	0	957	320	6	0	0	0.00	2.85	0
CO28765+	CO28814	2.64	1 1-	4/0ACSR	0	0	968	322	12	0	0	0.00	2.85	0
CO28742+	CO28814	2.69	1 1-	4ACSR	0	0	961	321	8	0	0	0.00	2.85	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28701+	CO28814	2.77	62 3-	1/0ACSR	1028	1008	956	321	300	6	3	0.01	2.86	4
CO28822+	CO28701	2.84	48 3-	1/0ACSR	1022	1002	949	320	247	5	2	0.00	2.86	0
CO28823+	CO28822	2.89	48 3-	1/0ACSR	1019	998	944	319	247	5	2	0.00	2.87	0
CO28824+	CO28823	2.91	48 3-	1/0ACSR	1017	997	942	319	247	5	2	0.00	2.87	0
CO28958+	CO28824	2.97	20 3-	1/0ACSR	1013	992	937	318	86	1	1	0.00	2.87	0
CO28959+	CO28958	3.00	17 3-	1/0ACSR	1011	990	934	318	80	1	1	0.00	2.87	0
CO28960+	CO28959	3.11	11 3-	1/0ACSR	1004	982	925	317	57	1	1	0.00	2.87	0
CO28890+	CO28960	3.21	5 1-	4ACSR	0	0	913	315	19	1	1	0.00	2.87	0
CO28891+	CO28890	3.25	1 1-	4ACSR	0	0	909	314	0	0	0	0.00	2.87	0
CO28941+	CO28960	3.18	3 1-	4ACSR	0	0	917	316	25	1	1	0.00	2.88	0
CO28942+	CO28941	3.20	2 1-	4ACSR	0	0	914	315	7	0	0	0.00	2.88	0
CO28888+	CO28942	3.25	0 1-	4ACSR	0	0	909	314	0	0	0	0.00	2.88	0
CO28889+	CO28888	3.36	0 1-	4ACSR	0	0	897	312	0	0	0	0.00	2.88	0
CO28995+	CO28824	2.92	25 1-	4ACSR	0	0	942	319	156	10	8	0.00	2.87	0
OC897+	CO28995	2.92	25 1-	10 N FUSE	0	0	942	319	156	10	108	0.00	2.87	0
CO28996+	OC897	2.97	25 1-	4ACSR	0	0	936	318	156	10	8	0.01	2.88	3
CO28825+	CO28996	3.04	21 1-	4ACSR	0	0	928	317	143	9	7	0.02	2.89	3
CO28702+	CO28825	3.23	12 1-	4ACSR	0	0	906	313	96	6	5	0.03	2.92	4
CO28748+	CO28702	3.32	1 1-	4ACSR	0	0	897	311	11	0	1	0.00	2.92	0
CO28826+	CO28702	3.29	9 1-	4ACSR	0	0	900	312	78	5	4	0.01	2.93	0
CO28827+	CO28826	3.37	9 1-	4ACSR	0	0	891	310	78	5	4	0.01	2.94	0
CO28946+	CO28827	3.47	8 1-	4ACSR	0	0	881	308	75	5	4	0.01	2.95	0
CO28947+	CO28946	3.51	7 1-	4ACSR	0	0	875	307	72	5	4	0.01	2.96	0
CO28828+	CO28947	3.56	7 1-	4ACSR	0	0	871	307	72	5	4	0.00	2.96	0
CO28746+	CO28828	3.64	1 1-	4ACSR	0	0	862	305	6	0	0	0.00	2.96	0
CO28948+	CO28828	3.57	5 1-	4ACSR	0	0	869	306	52	3	3	0.00	2.96	0
CO29058+	CO28948	3.64	2 1-	4ACSR	0	0	862	305	23	1	1	0.00	2.96	0
CO28747+	CO29058	3.67	1 1-	4ACSR	0	0	858	305	12	0	1	0.00	2.96	0
CO29059+	CO29058	3.65	1 1-	4ACSR	0	0	861	305	11	0	1	0.00	2.96	0
CO28750+	CO28825	3.15	4 1-	4ACSR	0	0	916	314	22	1	1	0.00	2.90	0
CO28749+	CO28825	3.12	2 1-	4ACSR	0	0	918	315	6	0	0	0.00	2.89	0
CO28768+	CO28825	3.07	1 1-	2ACSR	0	0	925	316	5	0	0	0.00	2.89	0
CO28944+	CO28701	2.80	14 1-	4ACSR	0	0	951	320	53	3	3	0.00	2.86	0
CO28945+	CO28944	2.84	13 1-	4ACSR	0	0	947	319	50	3	2	0.00	2.86	0
CO28745+	CO28945	2.88	3 1-	4ACSR	0	0	943	318	8	0	0	0.00	2.86	0
CO28744+	CO28945	2.88	1 1-	4ACSR	0	0	942	318	12	0	1	0.00	2.86	0
CO28743+	CO28945	2.91	3 1-	4ACSR	0	0	939	318	7	0	0	0.00	2.86	0
CO28886+	CO28945	2.95	6 1-	4ACSR	0	0	935	317	23	1	1	0.00	2.87	0
CO28887+	CO28886	3.02	0 1-	4ACSR	0	0	926	315	0	0	0	0.00	2.87	0
CO28694+	CO29000	2.36	7 3-	1/0ACSR	1057	1041	995	325	9	0	0	0.00	2.80	0
CO28875+	CO28694	2.40	4 1-	4ACSR	0	0	990	324	3	0	0	0.00	2.80	0
CO28876+	CO28875	2.43	4 1-	4ACSR	0	0	987	323	3	0	0	0.00	2.80	0
CO28763+	CO29000	2.29	0 1-	4/0ACSR	0	0	1003	326	0	0	0	0.00	2.80	0
CO28829+	CO28813	2.13	612 3-	1/0CU	1075	1061	1019	328	4150	94	31	0.03	2.81	182
CO28830+	CO28829	2.24	612 3-	1/0CU	1068	1053	1010	327	4149	94	31	0.06	2.87	354
CO28703+	CO28830	2.43	8 3-	4ACSR	1051	1033	985	323	56	1	1	0.00	2.87	0
CO28831+	CO28703	2.55	7 3-	4ACSR	1040	1020	971	320	47	1	1	0.00	2.88	0
CO28832+	CO28831	2.62	7 3-	4ACSR	1035	1014	963	319	47	1	1	0.00	2.88	0
CO28910+	CO28832	2.64	1 1-	4ACSR	0	0	960	318	8	0	0	0.00	2.88	0
CO28973+	CO28832	2.68	5 1-	4ACSR	0	0	956	318	37	2	2	0.00	2.88	0
CO29075+	CO28973	2.73	1 1-	4ACSR	0	0	949	317	14	0	1	0.00	2.88	0
CO28974+	CO28973	2.69	4 1-	4ACSR	0	0	954	317	22	1	1	0.00	2.88	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28892+	CO28974	2.71	4 1-	4ACSR	0	0	952	317	22	1	1	0.00	2.88	0
CO28751+	CO28703	2.49	1 1-	4ACSR	0	0	978	321	9	0	0	0.00	2.87	0
CO28966+	CO28830	2.45	604 3-	1/0CU	1055	1038	991	325	4092	93	30	0.11	2.98	664
CO29073+	CO28966	2.70	603 3-	1/0CU	1040	1022	971	323	4075	92	30	0.12	3.10	759
CO29054+	CO29073	2.83	602 3-	1/0CU	1032	1013	960	322	4069	92	30	0.07	3.17	421
CO29055+	CO29054	2.90	599 3-	1/0CU	1027	1008	955	322	4060	92	30	0.04	3.21	223
CO28704+	CO29055	3.05	599 3-	1/0CU	1019	998	943	320	4059	92	30	0.07	3.28	441
CO30425+	CO28704	3.20	592 3-	1/0CU	1010	989	932	319	4011	91	30	0.07	3.35	451
CO30428+	CO30425	3.27	2 1-	4ACSR	0	0	924	318	5	0	0	0.00	3.35	0
CO28350+	CO30425	3.29	1 1-	4ACSR	0	0	922	317	8	0	0	0.00	3.35	0
CO28311+	CO30425	3.27	589 3-	1/0CU	1006	984	927	319	3996	91	29	0.04	3.39	214
CO28567+	CO28311	3.48	2 3-	4ACSR	989	964	904	315	47	1	1	0.00	3.39	0
CO28568+	CO28567	3.72	2 3-	4ACSR	969	940	878	310	47	1	1	0.00	3.40	0
CO1674805093+	CO28568	4.03	0 1-	2ACSR	0	0	851	306	0	0	0	0.00	3.39	0
CO28569+	CO28568	3.76	1 3-	4ACSR	965	936	874	309	0	0	0	0.00	3.40	0
CO1319228516+	CO28569	3.79	1 1-	2ACSR	0	0	872	309	0	0	0	0.00	3.39	0
CO-691419260+	CO1319228516	3.82	1 1-	2ACSR	0	0	868	308	0	0	0	0.00	3.39	0
CO28565+	CO28311	3.30	587 3-	1/0CU	1004	982	924	319	3948	90	29	0.02	3.41	101
CO28566+	CO28565	3.36	587 3-	1/0CU	1001	979	920	318	3948	90	29	0.03	3.43	162
CO28349+	CO28566	3.43	1 1-	4ACSR	0	0	912	317	12	0	1	0.00	3.43	0
CO28562+	CO28566	3.40	586 3-	1/0CU	999	976	917	318	3935	90	29	0.02	3.45	117
CO28563+	CO28562	3.53	586 3-	1/0CU	991	968	908	317	3935	90	29	0.06	3.52	383
CO28564+	CO28563	3.55	586 3-	1/0CU	990	967	906	317	3933	90	29	0.01	3.53	58
CO28351+	CO28564	3.64	2 1-	4ACSR	0	0	897	315	12	0	1	0.00	3.52	0
CO28310+	CO28564	3.67	583 3-	1/0CU	984	960	898	316	3919	89	29	0.06	3.58	332
CO28352+	CO28310	3.69	1 1-	4ACSR	0	0	896	315	6	0	0	0.00	3.58	0
CO28309+	CO28310	3.69	582 3-	1/0CU	982	958	896	316	3911	89	29	0.01	3.60	84
CO30689+	CO28309	3.70	0 3-	6HDCU	982	958	896	316	1056	24	19	0.00	3.60	2
OC882+	CO30689	3.70	0 3-	70 E OCR	982	958	896	316	0	0	0	0.00	3.60	0
CO28597+	CO28309	3.70	196 3-	6HDCU	982	958	896	316	1056	24	18	0.00	3.60	3
MTP28598+	CO28597	3.70	196 3-	Node	982	958	896	316	1056	24	0	0.00	3.60	0
CO28598+	MTP28598	3.71	196 3-	6HDCU	981	956	894	315	1056	24	19	0.01	3.60	12
CO28560+	CO28598	3.79	195 3-	6HDCU	975	950	887	314	1054	24	19	0.04	3.64	64
CO28561+	CO28560	3.93	195 3-	6HDCU	964	937	873	311	1054	24	19	0.07	3.71	120
CO28308+	CO28561	3.98	194 3-	1/0ACSR	961	933	868	311	1053	24	11	0.01	3.72	20
CO28377+	CO28308	4.02	1 1-	2ACSR	0	0	865	310	9	0	0	0.00	3.72	0
CO28556+	CO28308	4.18	193 3-	1/0ACSR	948	919	853	309	1044	24	11	0.04	3.76	67
CO28557+	CO28556	4.25	191 3-	1/0ACSR	944	914	848	308	1041	24	11	0.01	3.77	21
CO28555+	CO28557	4.32	190 3-	1/0ACSR	939	909	842	307	1033	24	10	0.02	3.79	25
CO28348+	CO28555	4.40	1 1-	4ACSR	0	0	835	306	3	0	0	0.00	3.79	0
CO28551+	CO28555	4.40	3 1-	4ACSR	0	0	835	306	10	0	0	0.00	3.79	0
CO28552+	CO28551	4.44	2 1-	4ACSR	0	0	831	305	7	0	0	0.00	3.79	0
CO28553+	CO28552	4.50	2 1-	4ACSR	0	0	826	304	7	0	0	0.00	3.79	0
CO28554+	CO28553	4.55	1 1-	2ACSR	0	0	821	303	4	0	0	0.00	3.79	0
CO28549+	CO28555	4.38	186 3-	1/0ACSR	936	905	838	307	1020	23	10	0.01	3.80	19
CO28550+	CO28549	4.44	185 3-	1/0ACSR	932	901	834	306	1014	23	10	0.01	3.81	18
CO28299+	CO28550	4.49	182 3-	1/0ACSR	929	898	830	306	1003	23	10	0.01	3.82	15
CO28547+	CO28299	4.53	179 3-	1/0ACSR	927	895	827	305	973	22	10	0.01	3.83	12
CO28548+	CO28547	4.64	177 3-	1/0ACSR	920	888	819	304	956	22	10	0.02	3.85	30
CO736615418+	CO28548	4.70	0 1-	2ACSR	0	0	814	304	0	0	0	0.00	3.85	0
CO399653303+	CO736615418	4.75	0 1-	2ACSR	0	0	810	303	0	0	0	0.00	3.85	0
CO773899197+	CO399653303	4.80	0 1-	2ACSR	0	0	806	302	0	0	0	0.00	3.85	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28538+	CO28548	4.66	159 3-	1/0ACSR	919	887	818	304	832	19	8	0.00	3.86	4
CO28539+	CO28538	4.74	159 3-	1/0ACSR	914	881	812	303	832	19	8	0.01	3.87	18
CO28298+	CO28539	4.82	0 1-	6ACWC	0	0	805	302	0	0	0	0.00	3.87	0
CO28342+	CO28298	4.90	0 1-	6ACWC	0	0	798	301	0	0	0	0.00	3.87	0
CO28532+	CO28539	4.81	156 3-	1/0ACSR	910	877	807	303	812	18	8	0.01	3.88	14
CO28533+	CO28532	4.85	154 3-	1/0ACSR	908	875	804	302	792	18	8	0.01	3.89	7
CO28297+	CO28533	4.92	152 3-	1/0ACSR	903	870	799	302	784	18	8	0.01	3.90	14
CO28528+	CO28297	4.97	1 1-	4ACSR	0	0	795	301	4	0	0	0.00	3.90	0
CO28529+	CO28528	5.02	1 1-	4ACSR	0	0	791	300	4	0	0	0.00	3.90	0
CO28526+	CO28297	4.95	3 1-	4ACSR	0	0	797	301	10	0	1	0.00	3.90	0
CO28527+	CO28526	5.05	1 1-	4ACSR	0	0	788	299	6	0	0	0.00	3.90	0
CO28524+	CO28297	4.95	2 1-	4ACSR	0	0	797	301	12	0	1	0.00	3.90	0
CO-929806305+	CO28524	4.96	0 1-	2ACSR	0	0	796	301	0	0	0	0.00	3.90	0
CO28525+	CO28524	4.96	2 1-	4ACSR	0	0	795	301	12	0	1	0.00	3.90	0
CO28522+	CO28297	4.98	145 3-	1/0ACSR	900	866	795	301	757	17	8	0.01	3.91	11
CO28523+	CO28522	5.04	143 3-	1/0ACSR	896	862	791	301	754	17	8	0.01	3.92	11
CO28443+	CO28523	5.07	76 3-	1/0ACSR	895	861	789	300	390	9	4	0.00	3.92	0
CO28444+	CO28443	5.08	75 3-	1/0ACSR	894	860	788	300	387	9	4	0.00	3.92	0
CO28445+	CO28444	5.13	75 3-	1/0ACSR	891	857	785	300	387	9	4	0.00	3.92	2
CO28340+	CO28445	5.15	5 1-	4ACSR	0	0	783	299	18	1	1	0.00	3.92	0
CO28324+	CO28445	5.21	35 3-	1/0ACSR	886	852	780	299	180	4	2	0.00	3.93	0
CO28316+	CO28324	5.52	24 3-	1/0ACSR	870	833	760	296	141	3	1	0.01	3.94	0
CO-1734286821+	CO28316	5.61	24 1-	2ACSR	0	0	754	295	141	9	5	0.01	3.95	3
OC27595705+	CO-1734286821	5.61	24 1-	20 N FUSE	0	0	754	295	141	9	49	0.00	3.95	0
CO898308174+	OC27595705	5.69	24 1-	2ACSR	0	0	748	294	141	9	5	0.01	3.96	3
CO-2053102347+	CO898308174	5.82	21 1-	2ACSR	0	0	739	292	131	9	5	0.02	3.98	4
CO422486170+	CO-2053102347	5.86	1 1-	2ACSR	0	0	737	292	3	0	0	0.00	3.98	0
CO382354984+	CO-2053102347	5.90	20 1-	2ACSR	0	0	734	292	127	8	5	0.01	3.99	2
CO28425+	CO382354984	5.95	17 1-	4ACSR	0	0	730	291	93	6	5	0.01	4.00	0
CO28426+	CO28425	6.06	16 1-	4ACSR	0	0	722	289	91	6	5	0.02	4.01	2
CO30426+	CO28426	6.20	13 1-	4ACSR	0	0	710	286	77	5	4	0.02	4.03	2
CO28115+	CO30426	6.35	13 1-	4ACSR	0	0	699	284	77	5	4	0.02	4.05	2
CO28070+	CO28115	6.45	2 1-	2ACSR	0	0	693	283	12	0	0	0.00	4.05	0
CO28110+	CO28115	6.43	11 1-	2ACSR	0	0	694	283	65	4	3	0.01	4.06	0
CO28111+	CO28110	6.57	11 1-	2ACSR	0	0	686	282	65	4	3	0.01	4.07	0
CO28113+	CO28111	6.67	2 1-	2ACSR	0	0	680	281	3	0	0	0.00	4.07	0
CO28114+	CO28113	6.75	0 1-	2ACSR	0	0	675	280	0	0	0	0.00	4.07	0
CO28112+	CO28111	6.63	9 1-	2ACSR	0	0	682	281	62	4	2	0.00	4.07	0
CO28109+	CO28112	6.70	9 1-	2ACSR	0	0	678	280	62	4	2	0.01	4.07	0
CO28108+	CO28109	6.76	9 1-	2ACSR	0	0	674	279	62	4	2	0.00	4.08	0
CO28107+	CO28108	6.80	9 1-	2ACSR	0	0	672	279	62	4	2	0.00	4.08	0
CO28106+	CO28107	6.85	9 1-	2ACSR	0	0	669	278	62	4	2	0.00	4.08	0
CO28043+	CO28106	6.92	1 1-	4ACSR	0	0	665	277	16	1	1	0.00	4.09	0
CO28104+	CO28106	6.93	8 1-	2ACSR	0	0	664	278	47	3	2	0.00	4.09	0
CO28105+	CO28104	7.02	8 1-	2ACSR	0	0	660	277	47	3	2	0.00	4.09	0
CO28103+	CO28105	7.09	8 1-	2ACSR	0	0	656	276	47	3	2	0.00	4.10	0
CO28020+	CO28103	7.18	4 1-	2ACSR	0	0	650	275	6	0	0	0.00	4.10	0
CO28117+	CO28020	7.22	4 1-	4ACSR	0	0	648	274	6	0	0	0.00	4.10	0
CO28116+	CO28117	7.26	3 1-	4ACSR	0	0	645	274	2	0	0	0.00	4.10	0
CO28018+	CO28116	7.38	2 1-	4ACSR	0	0	637	272	2	0	0	0.00	4.10	0
CO28044+	CO28018	7.41	2 1-	4ACSR	0	0	635	271	2	0	0	0.00	4.10	0
CO28017+	CO28018	7.48	0 1-	4ACSR	0	0	631	270	0	0	0	0.00	4.10	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28019+	CO28017	7.51	0 1-	4ACSR	0	0	629	270	0	0	0	0.00	4.10	0
CO28119+	CO28019	7.85	0 1-	4ACSR	0	0	608	265	0	0	0	0.00	4.10	0
CO28120+	CO28119	8.00	0 1-	4ACSR	0	0	599	263	0	0	0	0.00	4.10	0
CO28121+	CO28120	8.15	0 1-	4ACSR	0	0	590	261	0	0	0	0.00	4.10	0
CO28118+	CO28117	7.25	0 1-	4ACSR	0	0	646	274	0	0	0	0.00	4.10	0
CO28101+	CO28103	7.15	4 1-	2ACSR	0	0	652	275	40	2	2	0.00	4.10	0
CO28102+	CO28101	7.19	4 1-	2ACSR	0	0	650	275	40	2	2	0.00	4.10	0
CO28100+	CO28102	7.22	4 1-	2ACSR	0	0	648	274	40	2	2	0.00	4.10	0
CO28099+	CO28100	7.39	4 1-	2ACSR	0	0	639	273	40	2	2	0.01	4.11	0
CO239927185+	CO28099	7.44	1 1-	2ACSR	0	0	636	272	10	0	0	0.00	4.11	0
CO28045+	CO28099	7.62	3 1-	4ACSR	0	0	624	269	31	2	2	0.01	4.12	0
CO507127360+	CO28045	7.97	1 1-	2ACSR	0	0	607	266	6	0	0	0.00	4.12	0
CO28097+	CO28045	7.70	2 1-	4ACSR	0	0	619	268	24	1	1	0.00	4.12	0
CO-365168624+	CO28097	7.81	0 1-	2ACSR	0	0	614	267	0	0	0	0.00	4.12	0
CO-1107506301+	CO28097	7.80	1 1-	2ACSR	0	0	614	267	9	0	0	0.00	4.12	0
CO28096+	CO28099	7.60	0 1-	2ACSR	0	0	628	270	0	0	0	0.00	4.11	0
CO28095+	CO28096	7.62	0 1-	2ACSR	0	0	627	270	0	0	0	0.00	4.11	0
CO28094+	CO28095	7.66	0 1-	2ACSR	0	0	625	270	0	0	0	0.00	4.11	0
CO28093+	CO28094	7.69	0 1-	2ACSR	0	0	623	269	0	0	0	0.00	4.11	0
CO28092+	CO28093	7.78	0 1-	2ACSR	0	0	619	269	0	0	0	0.00	4.11	0
CO28196+	CO28092	7.81	0 1-	2ACSR	0	0	617	268	0	0	0	0.00	4.11	0
#SW865-B+	CO28196	7.81	0 1-	Open	0	0	617	268	0	0	0	0.00	4.11	0
CO28427+	CO28426	6.15	3 1-	4ACSR	0	0	714	287	15	1	1	0.00	4.01	0
CO30431+	CO28427	6.22	2 1-	4ACSR	0	0	709	286	7	0	0	0.00	4.02	0
CO28134+	CO30431	6.26	2 1-	4ACSR	0	0	706	286	7	0	0	0.00	4.02	0
CO28067+	CO28134	6.31	1 1-	2ACSR	0	0	703	285	0	0	0	0.00	4.02	0
CO28135+	CO28134	6.30	1 1-	4ACSR	0	0	703	285	7	0	0	0.00	4.02	0
CO28362+	CO382354984	5.92	3 1-	4ACSR	0	0	732	291	34	2	2	0.00	3.99	0
CO-753009952+	CO28362	5.96	2 1-	2ACSR	0	0	729	291	22	1	1	0.00	3.99	0
CO1544102642+	CO-753009952	5.98	1 1-	2ACSR	0	0	728	290	9	0	0	0.00	3.99	0
CO160279021+	CO-2053102347	5.84	0 1-	2ACSR	0	0	738	292	0	0	0	0.00	3.98	0
CO138472408+	CO898308174	5.77	0 1-	2ACSR	0	0	743	293	0	0	0	0.00	3.96	0
CO1086450442+	CO898308174	5.75	3 1-	2ACSR	0	0	744	293	10	0	0	0.00	3.96	0
CO28424+	CO1086450442	5.81	1 1-	4ACSR	0	0	739	292	1	0	0	0.00	3.96	0
CO28587+	CO28324	5.22	11 1-	4ACSR	0	0	779	299	39	2	2	0.00	3.93	0
OC869+	CO28587	5.22	11 1-	15 H OCR	0	0	779	299	39	2	18	0.00	3.93	0
CO28588+	OC869	5.53	11 1-	4ACSR	0	0	753	294	39	2	2	0.02	3.95	0
CO28422+	CO28588	5.58	10 1-	4ACSR	0	0	749	293	34	2	2	0.00	3.95	0
CO28421+	CO28422	5.80	10 1-	4ACSR	0	0	731	289	34	2	2	0.01	3.97	0
CO28578+	CO28421	6.09	9 1-	4ACSR	0	0	708	284	32	2	2	0.01	3.98	0
CO28288+	CO28578	6.16	7 1-	4ACSR	0	0	703	283	31	2	2	0.00	3.98	0
CO28326+	CO28288	6.32	2 1-	4ACSR	0	0	691	281	3	0	0	0.00	3.98	0
CO28289+	CO28288	6.26	5 1-	4ACSR	0	0	695	282	28	1	1	0.00	3.99	0
CO28290+	CO28289	6.31	4 1-	4ACSR	0	0	692	281	28	1	1	0.00	3.99	0
CO28419+	CO28290	6.37	4 1-	4ACSR	0	0	687	280	28	1	1	0.00	3.99	0
CO28420+	CO28419	6.46	4 1-	4ACSR	0	0	680	278	28	1	1	0.00	4.00	0
CO28417+	CO28420	6.56	4 1-	4ACSR	0	0	673	277	28	1	1	0.00	4.00	0
CO28418+	CO28417	6.77	4 1-	4ACSR	0	0	658	274	28	1	1	0.01	4.01	0
CO28416+	CO28418	6.90	4 1-	4ACSR	0	0	650	272	28	1	1	0.01	4.02	0
CO28415+	CO28416	6.99	4 1-	4ACSR	0	0	643	271	28	1	1	0.00	4.02	0
CO28414+	CO28415	7.36	3 1-	4ACSR	0	0	619	265	18	1	1	0.01	4.03	0
CO28412+	CO28414	7.41	1 1-	4ACSR	0	0	616	265	0	0	0	0.00	4.03	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28329+	CO28412	7.44	1 1-	4ACSR	0	0	614	264	0	0	0	0.00	4.03	0
CO28413+	CO28412	7.54	0 1-	4ACSR	0	0	608	263	0	0	0	0.00	4.03	0
CO28328+	CO28414	7.52	1 1-	4ACSR	0	0	609	263	15	1	1	0.00	4.03	0
CO28327+	CO28289	6.45	1 1-	4ACSR	0	0	681	279	0	0	0	0.00	3.99	0
CO28325+	CO28578	6.11	2 1-	4ACSR	0	0	706	284	1	0	0	0.00	3.98	0
CO28589+	CO28445	5.14	35 1-	4ACSR	0	0	785	300	189	13	9	0.00	3.92	0
OC884+	CO28589	5.14	35 1-	20 N FUSE	0	0	785	300	189	13	66	0.00	3.92	0
CO28590+	OC884	5.17	35 1-	4ACSR	0	0	782	299	189	13	9	0.01	3.93	3
CO28428+	CO28590	5.19	35 1-	4ACSR	0	0	780	299	189	13	9	0.01	3.94	0
CO28429+	CO28428	5.26	32 1-	4ACSR	0	0	774	297	176	12	9	0.02	3.96	6
CO28430+	CO28429	5.33	32 1-	4ACSR	0	0	768	296	176	12	9	0.02	3.98	5
CO28431+	CO28430	5.43	32 1-	4ACSR	0	0	760	295	176	12	9	0.03	4.00	7
CO28432+	CO28431	5.48	31 1-	4ACSR	0	0	756	294	168	11	8	0.01	4.02	4
CO28433+	CO28432	5.55	30 1-	4ACSR	0	0	749	292	168	11	8	0.02	4.04	5
CO28435+	CO28433	5.62	29 1-	4ACSR	0	0	744	291	156	10	8	0.02	4.06	4
CO28436+	CO28435	5.65	27 1-	4ACSR	0	0	742	291	154	10	8	0.01	4.06	0
CO28434+	CO28436	5.69	27 1-	4ACSR	0	0	739	290	154	10	8	0.01	4.07	2
CO28317+	CO28434	5.76	24 1-	4ACSR	0	0	732	289	135	9	7	0.02	4.09	4
CO28358+	CO28317	5.83	1 1-	4ACSR	0	0	727	288	3	0	0	0.00	4.09	0
CO28357+	CO28317	5.81	1 1-	4ACSR	0	0	728	288	1	0	0	0.00	4.09	0
CO28318+	CO28317	5.92	22 1-	4ACSR	0	0	719	286	131	9	7	0.03	4.12	7
CO28441+	CO28318	6.08	17 1-	4ACSR	0	0	707	284	111	7	6	0.03	4.15	5
CO28442+	CO28441	6.16	16 1-	4ACSR	0	0	701	283	111	7	6	0.01	4.16	2
CO30432+	CO28442	6.25	15 1-	4ACSR	0	0	694	281	101	7	5	0.02	4.18	2
CO28016+	CO30432	6.29	1 1-	4ACSR	0	0	691	280	3	0	0	0.00	4.18	0
CO28175+	CO30432	6.30	4 1-	4ACSR	0	0	691	280	21	1	1	0.00	4.18	0
CO28176+	CO28175	6.37	2 1-	4ACSR	0	0	685	279	15	1	1	0.00	4.18	0
CO28177+	CO28176	6.43	1 1-	4ACSR	0	0	681	278	9	0	0	0.00	4.18	0
CO28169+	CO30432	6.31	9 1-	4ACSR	0	0	690	280	69	4	3	0.01	4.18	0
CO28170+	CO28169	6.39	7 1-	4ACSR	0	0	684	279	50	3	2	0.01	4.19	0
CO28171+	CO28170	6.43	6 1-	4ACSR	0	0	681	278	39	2	2	0.00	4.19	0
CO28172+	CO28171	6.53	5 1-	4ACSR	0	0	674	277	28	1	1	0.00	4.19	0
CO28015+	CO28172	6.76	1 1-	4ACSR	0	0	657	273	0	0	0	0.00	4.19	0
CO28042+	CO28015	6.87	1 1-	4ACSR	0	0	650	272	0	0	0	0.00	4.19	0
CO28041+	CO28015	6.95	0 1-	4ACSR	0	0	644	271	0	0	0	0.00	4.19	0
CO28173+	CO28172	6.59	2 1-	4ACSR	0	0	670	276	15	1	1	0.00	4.19	0
CO28066+	CO28173	6.63	2 1-	750 MCM - 42 Wi	0	0	669	276	15	1	0	0.00	4.19	0
CO28174+	CO28173	6.64	0 1-	4ACSR	0	0	666	275	0	0	0	0.00	4.19	0
CO28439+	CO28318	5.99	5 1-	4ACSR	0	0	714	285	20	1	1	0.00	4.12	0
CO28440+	CO28439	6.04	1 1-	4ACSR	0	0	710	284	15	1	1	0.00	4.12	0
CO28437+	CO28434	5.78	3 1-	4ACSR	0	0	731	289	19	1	1	0.00	4.07	0
CO28438+	CO28437	5.87	1 1-	4ACSR	0	0	723	287	7	0	0	0.00	4.07	0
CO28341+	CO28523	5.09	3 1-	4ACSR	0	0	787	300	10	0	1	0.00	3.92	0
CO28591+	CO28523	5.05	62 1-	4ACSR	0	0	790	300	346	24	17	0.00	3.92	0
OC870+	CO28591	5.05	62 1-	35 E OCR	0	0	790	300	346	24	69	0.00	3.92	0
CO28592+	OC870	5.08	62 1-	4ACSR	0	0	788	300	346	24	17	0.02	3.94	9
CO28446+	CO28592	5.10	61 1-	4ACSR	0	0	786	300	332	23	17	0.01	3.95	5
CO28447+	CO28446	5.12	59 1-	4ACSR	0	0	784	299	312	21	16	0.01	3.96	6
CO28364+	CO28447	5.18	2 1-	4ACSR	0	0	779	298	21	1	1	0.00	3.96	0
CO28448+	CO28447	5.20	52 1-	4ACSR	0	0	778	298	279	19	14	0.03	3.99	14
CO28449+	CO28448	5.28	49 1-	4ACSR	0	0	770	296	270	18	13	0.04	4.02	16
CO28450+	CO28449	5.31	47 1-	4ACSR	0	0	768	296	259	18	13	0.01	4.04	4

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28451+	CO28450	5.38	46 1-	4ACSR	0	0	762	295	251	17	13	0.03	4.06	11
CO28339+	CO28451	5.41	2 1-	4ACSR	0	0	759	294	9	0	0	0.00	4.06	0
CO28452+	CO28451	5.48	44 1-	4ACSR	0	0	754	293	242	16	12	0.04	4.10	14
CO28453+	CO28452	5.50	43 1-	4ACSR	0	0	752	293	235	16	12	0.01	4.11	3
CO28454+	CO28453	5.53	42 1-	4ACSR	0	0	750	292	226	15	11	0.01	4.12	3
CO1802451650+	CO28454	5.61	2 1-	2ACSR	0	0	744	291	11	0	0	0.00	4.12	0
CO28455+	CO28454	5.65	40 1-	4ACSR	0	0	739	290	215	15	11	0.04	4.16	15
CO28366+	CO28455	5.67	2 1-	2ACSR	0	0	738	290	4	0	0	0.00	4.16	0
CO28456+	CO28455	5.71	38 1-	4ACSR	0	0	734	289	212	14	11	0.02	4.18	8
CO28457+	CO28456	5.75	37 1-	4ACSR	0	0	731	288	206	14	10	0.01	4.19	4
CO28458+	CO28457	5.85	36 1-	4ACSR	0	0	724	287	201	14	10	0.03	4.22	10
CO28459+	CO28458	5.88	36 1-	4ACSR	0	0	721	286	201	14	10	0.01	4.23	3
CO28375+	CO28459	5.97	1 1-	2ACSR	0	0	715	285	7	0	0	0.00	4.23	0
CO28460+	CO28459	5.98	35 1-	4ACSR	0	0	713	285	194	13	10	0.03	4.27	10
CO28305+	CO28460	6.09	33 1-	4ACSR	0	0	704	283	174	12	9	0.03	4.30	9
CO-1924669892+	CO28305	6.19	1 1-	2ACSR	0	0	698	282	15	1	1	0.00	4.30	0
CO-1452547899+	CO-1924669892	6.23	0 1-	2ACSR	0	0	696	281	0	0	0	0.00	4.30	0
CO-1647662845+	CO-1924669892	6.27	1 1-	2ACSR	0	0	693	281	15	1	1	0.00	4.30	0
CO-2005018793+	CO-1647662845	6.33	1 1-	2ACSR	0	0	689	280	15	1	1	0.00	4.30	0
CO28461+	CO28305	6.14	1 1-	4ACSR	0	0	701	282	2	0	0	0.00	4.30	0
CO28304+	CO28305	6.15	31 1-	4ACSR	0	0	700	282	157	10	8	0.01	4.31	4
CO28303+	CO28304	6.32	5 1-	4ACSR	0	0	687	279	17	1	1	0.00	4.31	0
CO28301+	CO28303	6.44	3 1-	4ACSR	0	0	679	278	7	0	0	0.00	4.32	0
CO28300+	CO28301	6.57	0 1-	4ACSR	0	0	669	276	0	0	0	0.00	4.32	0
XFMR113	CO28300	6.57	0 1-	167 KVA 1PH AUT	0	0	533	163	0	0	0	0.00	4.32	0
CO28483+	CO28301	6.52	3 1-	4ACSR	0	0	673	276	7	0	0	0.00	4.32	0
CO28484+	CO28483	6.56	2 1-	4ACSR	0	0	670	276	6	0	0	0.00	4.32	0
CO28485+	CO28303	6.40	1 1-	4ACSR	0	0	682	278	2	0	0	0.00	4.31	0
CO28486+	CO28485	6.45	1 1-	4ACSR	0	0	678	277	2	0	0	0.00	4.31	0
CO28302+	CO28304	6.20	24 1-	4ACSR	0	0	696	281	132	9	7	0.01	4.32	2
CO28465+	CO28302	6.30	18 1-	4ACSR	0	0	689	280	112	7	6	0.02	4.34	3
CO28466+	CO28465	6.42	16 1-	4ACSR	0	0	680	278	96	6	5	0.02	4.36	3
CO28471+	CO28466	6.46	11 1-	4ACSR	0	0	677	277	76	5	4	0.01	4.36	0
CO1466221543+	CO28471	6.51	1 1-	2ACSR	0	0	674	277	9	0	0	0.00	4.36	0
CO28472+	CO28471	6.60	9 1-	4ACSR	0	0	667	275	63	4	3	0.01	4.37	0
CO28473+	CO28472	6.70	9 1-	2ACSR	0	0	661	274	63	4	2	0.01	4.38	0
CO584360241+	CO28473	6.85	1 1-	2ACSR	0	0	652	272	12	0	0	0.00	4.38	0
CO1365140619+	CO28473	6.91	7 1-	2ACSR	0	0	649	272	51	3	2	0.01	4.39	0
CO28474+	CO1365140619	6.98	1 1-	4ACSR	0	0	645	271	10	0	0	0.00	4.39	0
CO28475+	CO28474	7.04	0 1-	4ACSR	0	0	640	270	0	0	0	0.00	4.39	0
CO28476+	CO1365140619	7.06	6 1-	4ACSR	0	0	639	270	41	2	2	0.01	4.40	0
CO28477+	CO28476	7.09	5 1-	4ACSR	0	0	637	269	29	2	1	0.00	4.40	0
CO28478+	CO28477	7.17	5 1-	4ACSR	0	0	632	268	29	2	1	0.00	4.41	0
CO28479+	CO28478	7.25	5 1-	4ACSR	0	0	626	267	29	2	1	0.00	4.41	0
CO28480+	CO28479	7.33	5 1-	4ACSR	0	0	621	266	29	2	1	0.00	4.41	0
CO28359+	CO28480	7.39	1 1-	4ACSR	0	0	618	265	9	0	0	0.00	4.41	0
CO28481+	CO28480	7.41	3 1-	4ACSR	0	0	617	265	17	1	1	0.00	4.42	0
CO577165033+	CO28481	7.47	1 1-	2ACSR	0	0	613	264	13	0	1	0.00	4.42	0
CO28482+	CO28481	7.44	2 1-	4ACSR	0	0	614	264	4	0	0	0.00	4.42	0
CO28467+	CO28466	6.55	5 1-	4ACSR	0	0	670	276	19	1	1	0.00	4.36	0
CO28469+	CO28467	6.63	2 1-	4ACSR	0	0	665	275	10	0	0	0.00	4.36	0
CO28470+	CO28469	6.70	1 1-	4ACSR	0	0	660	274	10	0	0	0.00	4.36	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28468+	CO28467	6.61	3 1-	4ACSR	0	0	666	275	9	0	0	0.00	4.36	0
CO28344+	CO28468	6.70	1 1-	4ACSR	0	0	660	274	9	0	0	0.00	4.36	0
CO28463+	CO28302	6.22	3 1-	4ACSR	0	0	694	281	6	0	0	0.00	4.32	0
CO28464+	CO28463	6.26	1 1-	4ACSR	0	0	692	280	1	0	0	0.00	4.32	0
CO28368+	CO28302	6.24	3 1-	4ACSR	0	0	694	281	13	0	1	0.00	4.32	0
CO28346+	CO28460	6.09	1 1-	4ACSR	0	0	704	283	15	1	1	0.00	4.27	0
CO28338+	CO28456	5.77	1 1-	4ACSR	0	0	730	288	5	0	0	0.00	4.18	0
CO28530+	CO28533	4.94	1 1-	4ACSR	0	0	796	301	0	0	0	0.00	3.88	0
CO28531+	CO28530	5.08	1 1-	4ACSR	0	0	784	298	0	0	0	0.00	3.88	0
CO28534+	CO28539	4.76	0 1-	2ACSR	0	0	810	303	0	0	0	0.00	3.87	0
CO28535+	CO28534	4.80	0 1-	2ACSR	0	0	807	303	0	0	0	0.00	3.87	0
CO28540+	CO28548	4.75	15 1-	2ACSR	0	0	810	303	110	7	4	0.01	3.86	2
CO28541+	CO28540	4.78	14 1-	2ACSR	0	0	808	303	110	7	4	0.00	3.87	0
CO28542+	CO28541	4.84	13 1-	2ACSR	0	0	803	302	102	7	4	0.01	3.87	0
CO28376+	CO28542	4.85	1 1-	2ACSR	0	0	802	302	6	0	0	0.00	3.87	0
CO28543+	CO28542	4.89	12 1-	2ACSR	0	0	799	301	96	6	4	0.01	3.88	0
CO28544+	CO28543	4.95	9 1-	2ACSR	0	0	795	300	73	5	3	0.00	3.88	0
CO28373+	CO28544	4.99	2 1-	2ACSR	0	0	791	300	18	1	1	0.00	3.88	0
CO28545+	CO28544	4.98	6 1-	2ACSR	0	0	792	300	48	3	2	0.00	3.88	0
CO28546+	CO28545	5.03	3 1-	2ACSR	0	0	789	299	18	1	1	0.00	3.89	0
CO28374+	CO28545	5.03	2 1-	2ACSR	0	0	788	299	18	1	1	0.00	3.89	0
CO28372+	CO28543	4.93	2 1-	4ACSR	0	0	795	300	13	0	1	0.00	3.88	0
CO28343+	CO28299	4.55	3 1-	4ACSR	0	0	824	305	29	2	1	0.00	3.82	0
CO28356+	CO28550	4.57	3 3-	4ACSR	922	889	821	304	11	0	0	0.00	3.81	0
CO28575+	CO28356	4.65	2 1-	4ACSR	0	0	814	302	10	0	1	0.00	3.82	0
CO28576+	CO28575	4.72	2 1-	4ACSR	0	0	807	301	10	0	1	0.00	3.82	0
CO28577+	CO28576	4.80	2 1-	4ACSR	0	0	800	300	10	0	1	0.00	3.82	0
CO28574+	CO28356	4.63	1 1-	4ACSR	0	0	816	303	1	0	0	0.00	3.82	0
CO28558+	CO28561	4.10	1 1-	1/0CU	0	0	861	310	0	0	0	0.00	3.71	0
CO28559+	CO28558	4.17	1 1-	1/0CU	0	0	857	310	0	0	0	0.00	3.71	0
CA74+	CO28597	3.70	0 3-	Capacitor	982	958	896	316	0	-7	0	0.00	3.60	0
CO28322+	CO28309	3.75	386 3-	1/0CU	980	955	893	315	1798	41	13	0.01	3.61	32
CO28595+	CO28322	3.75	153 3-	1/0ACSR	979	955	892	315	694	16	7	0.00	3.61	0
OC878+	CO28595	3.75	153 3-	35 E OCR	979	955	892	315	694	16	46	0.00	3.61	0
CO28596+	OC878	3.77	153 3-	1/0ACSR	978	954	891	315	694	16	7	0.00	3.61	0
CO28370+	CO28596	3.80	1 1-	2ACSR	0	0	888	315	9	0	0	0.00	3.61	0
CO28371+	CO28370	3.87	1 1-	1/0PRIURD	0	0	883	598	9	0	0	0.00	3.61	0
CO28570+	CO28596	3.86	152 3-	1/0ACSR	972	947	883	314	685	15	7	0.01	3.62	13
CO28599+	CO28570	3.94	6 1-	4ACSR	0	0	875	313	21	1	1	0.00	3.62	0
CO28572+	CO28599	3.97	0 1-	4ACSR	0	0	872	312	0	0	0	0.00	3.62	0
CO28571+	CO28570	3.91	144 3-	1/0ACSR	969	944	880	314	661	15	7	0.01	3.63	6
CO30500+	CO28571	3.94	143 3-	1/0ACSR	967	941	877	313	658	15	7	0.01	3.64	5
CO28705+	CO30500	4.04	140 3-	1/0ACSR	961	934	869	312	653	15	7	0.01	3.65	12
CO28943+	CO28705	4.06	4 1-	4ACSR	0	0	867	312	33	2	2	0.00	3.65	0
CO29012+	CO28943	4.09	3 1-	4ACSR	0	0	864	311	26	1	1	0.00	3.65	0
CO28772+	CO29012	4.14	1 1-	2ACSR	0	0	860	311	3	0	0	0.00	3.65	0
CO29013+	CO29012	4.11	2 1-	4ACSR	0	0	862	311	22	1	1	0.00	3.65	0
CO29072+	CO28705	4.09	1 1-	4ACSR	0	0	864	311	1	0	0	0.00	3.65	0
CO28977+	CO29072	4.13	1 1-	4ACSR	0	0	860	311	1	0	0	0.00	3.65	0
CO29071+	CO28705	4.24	134 3-	1/0ACSR	948	920	854	310	608	14	6	0.03	3.67	23
CO29070+	CO29071	4.35	2 1-	4ACSR	0	0	843	308	12	0	1	0.00	3.67	0
CO28896+	CO29070	4.45	1 1-	4ACSR	0	0	834	306	12	0	1	0.00	3.67	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28676+	CO29071	4.32	132 3-	1/0ACSR	943	915	847	310	596	13	6	0.01	3.68	9
CO29069+	CO28676	4.36	5 1-	4ACSR	0	0	844	309	6	0	0	0.00	3.68	0
CO28897+	CO29069	4.47	3 1-	4ACSR	0	0	833	307	4	0	0	0.00	3.68	0
CO28677+	CO28676	4.50	127 3-	1/0ACSR	932	903	834	308	590	13	6	0.02	3.70	19
CO28803+	CO28677	4.59	123 3-	1/0ACSR	927	897	828	307	581	13	6	0.01	3.71	9
CO28804+	CO28803	4.64	122 3-	1/0ACSR	924	893	824	306	576	13	6	0.01	3.72	6
CO28717+	CO28804	4.72	1 1-	4ACSR	0	0	817	305	3	0	0	0.00	3.72	0
CO28939+	CO28804	4.77	121 3-	1/0ACSR	916	885	815	305	573	13	6	0.01	3.74	13
CO28940+	CO28939	5.17	120 3-	1/0ACSR	893	860	787	301	569	13	6	0.05	3.78	41
CO28678+	CO28940	5.31	117 3-	1/0ACSR	885	851	778	300	551	12	6	0.02	3.80	13
CO28718+	CO28678	5.34	1 1-	4ACSR	0	0	776	300	10	0	1	0.00	3.80	0
CO28912+	CO28678	5.43	116 3-	1/0ACSR	878	844	770	299	540	12	5	0.01	3.81	11
CO28913+	CO28912	5.48	115 3-	1/0ACSR	876	841	767	298	537	12	5	0.01	3.82	4
CO28679+	CO28913	5.62	106 3-	1/0ACSR	868	833	759	297	518	12	5	0.02	3.83	12
CO29011+	CO28679	5.63	0 1-	4ACSR	0	0	758	297	0	0	0	0.00	3.84	0
CO28680+	CO28679	5.73	106 3-	1/0ACSR	862	827	752	296	518	12	5	0.01	3.84	9
CO28681+	CO28680	5.83	48 3-	1/0ACSR	857	821	746	295	235	5	2	0.00	3.85	0
CO28683+	CO28681	5.90	33 2-	4ACSR	0	815	741	294	188	6	5	0.01	3.86	3
CO29001+	CO28683	5.91	32 1-	4ACSR	0	0	740	294	188	13	9	0.00	3.86	0
OC896+	CO29001	5.91	32 1-	10 N FUSE	0	0	740	294	188	13	131	0.00	3.86	0
CO29002+	OC896	5.99	32 1-	4ACSR	0	0	733	293	188	13	9	0.03	3.88	8
CO28918+	CO29002	6.05	30 1-	4ACSR	0	0	729	292	184	12	9	0.02	3.90	5
CO28919+	CO28918	6.11	29 1-	4ACSR	0	0	724	291	181	12	9	0.02	3.92	5
CO28684+	CO28919	6.15	27 1-	4ACSR	0	0	721	290	176	12	9	0.01	3.93	3
CO28685+	CO28684	6.19	26 1-	4ACSR	0	0	718	289	170	11	8	0.01	3.94	3
CO28725+	CO28685	6.28	1 1-	4ACSR	0	0	711	288	5	0	0	0.00	3.94	0
CO28686+	CO28685	6.28	24 1-	4ACSR	0	0	711	288	161	11	8	0.02	3.96	6
CO961877951+	CO28686	6.34	1 1-	2ACSR	0	0	707	287	9	0	0	0.00	3.96	0
CO28805+	CO28686	6.35	14 1-	4ACSR	0	0	706	287	98	6	5	0.01	3.97	0
CO29044+	CO28805	6.39	13 1-	4ACSR	0	0	703	286	87	6	4	0.01	3.98	0
CO29045+	CO29044	6.43	12 1-	4ACSR	0	0	700	285	80	5	4	0.00	3.98	0
CO28722+	CO29045	6.50	1 1-	4ACSR	0	0	695	284	4	0	0	0.00	3.98	0
CO28721+	CO29045	6.48	0 1-	4ACSR	0	0	696	285	0	0	0	0.00	3.98	0
CO29042+	CO29045	6.53	9 1-	4ACSR	0	0	693	284	68	4	3	0.01	3.99	0
CO28777+	CO29042	6.59	1 1-	4ACSR	0	0	688	283	9	0	0	0.00	3.99	0
CO29043+	CO29042	6.61	7 1-	4ACSR	0	0	687	282	46	3	2	0.01	4.00	0
CO30470+	CO29043	6.67	4 1-	4ACSR	0	0	683	282	26	1	1	0.00	4.00	0
CO29155+	CO30470	6.72	3 1-	4ACSR	0	0	679	281	17	1	1	0.00	4.00	0
CO29156+	CO29155	6.78	1 1-	4ACSR	0	0	675	280	14	0	1	0.00	4.00	0
CO29157+	CO29156	6.83	1 1-	4ACSR	0	0	671	279	14	0	1	0.00	4.00	0
CO28726+	CO29043	6.68	2 1-	4ACSR	0	0	682	281	12	0	1	0.00	4.00	0
CO28775+	CO29044	6.43	1 1-	2ACSR	0	0	701	286	7	0	0	0.00	3.98	0
CO28916+	CO28686	6.35	7 1-	4ACSR	0	0	706	287	45	3	2	0.00	3.97	0
CO28767+	CO28916	6.36	2 1-	2ACSR	0	0	705	286	20	1	1	0.00	3.97	0
CO28917+	CO28916	6.36	1 1-	4ACSR	0	0	705	286	0	0	0	0.00	3.97	0
CO29024+	CO28686	6.39	2 1-	4ACSR	0	0	703	286	10	0	0	0.00	3.96	0
CO28723+	CO29024	6.40	1 1-	4ACSR	0	0	702	286	6	0	0	0.00	3.96	0
CO29025+	CO29024	6.43	0 1-	4ACSR	0	0	700	285	0	0	0	0.00	3.96	0
CO28724+	CO28684	6.18	1 1-	4ACSR	0	0	719	289	7	0	0	0.00	3.93	0
CO28978+	CO28919	6.14	2 1-	4ACSR	0	0	722	290	5	0	0	0.00	3.92	0
CO28979+	CO28978	6.19	0 1-	4ACSR	0	0	718	289	0	0	0	0.00	3.92	0
CO28682+	CO28681	5.93	14 2-	4ACSR	0	813	738	294	44	1	1	0.00	3.85	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29020+	CO28682	5.98	13 2-	4ACSR	0	809	734	293	42	1	1	0.00	3.86	0
CO29021+	CO29020	6.00	12 2-	4ACSR	0	807	732	292	42	1	1	0.00	3.86	0
CO28770+	CO29021	6.10	4 1-	4ACSR	0	0	725	291	10	0	0	0.00	3.86	0
CO28869+	CO29021	6.10	6 1-	4ACSR	0	0	725	291	28	1	1	0.00	3.86	0
CO28870+	CO28869	6.13	1 1-	4ACSR	0	0	723	290	15	1	1	0.00	3.86	0
CO28720+	CO28682	6.00	1 2-	4ACSR	0	807	732	292	2	0	0	0.00	3.85	0
CO28806+	CO28680	5.85	55 1-	4ACSR	0	0	743	294	279	19	14	0.05	3.90	24
CO28971+	CO28806	5.94	54 1-	4ACSR	0	0	736	293	277	19	14	0.04	3.94	18
CO28972+	CO28971	6.00	52 1-	4ACSR	0	0	731	292	268	18	13	0.03	3.97	11
CO28920+	CO28972	6.05	51 1-	4ACSR	0	0	727	291	254	17	13	0.02	3.99	9
CO29003+	CO28920	6.06	51 1-	4ACSR	0	0	726	291	254	17	13	0.00	3.99	0
XFMR112	CO29003	6.06	51 1-	333 KVA 1PH AUT	0	0	721	169	254	17	77	0.69	4.69	0
OC902	XFMR112	6.06	51 1-	50 H OCR	0	0	721	169	254	35	71	0.00	4.69	0
CO29004	OC902	6.15	51 1-	4ACSR	0	0	710	168	254	35	26	0.14	4.83	61
CO-2052583408	CO29004	6.18	1 1-	2ACSR	0	0	706	168	11	1	1	0.00	4.83	0
CO28921	CO29004	6.22	50 1-	4ACSR	0	0	700	167	242	34	24	0.11	4.94	46
CO30468	CO28921	6.62	50 1-	4ACSR	0	0	650	163	242	34	24	0.63	5.57	252
CO29131	CO30468	6.70	1 1-	4ACSR	0	0	641	162	3	0	0	0.00	5.57	0
CO29126	CO30468	6.81	49 1-	4ACSR	0	0	628	161	238	33	24	0.29	5.86	115
CO29138	CO29126	6.95	48 1-	4ACSR	0	0	613	160	234	33	24	0.20	6.06	77
CO29139	CO29138	7.05	47 1-	4ACSR	0	0	601	159	231	32	23	0.16	6.22	60
CO29140	CO29139	7.09	47 1-	4ACSR	0	0	597	158	231	32	23	0.06	6.28	21
CO29174	CO29140	7.14	13 1-	4ACSR	0	0	591	158	37	5	4	0.01	6.29	0
CO29175	CO29174	7.28	13 1-	4ACSR	0	0	577	157	37	5	4	0.03	6.32	0
CO29141	CO29175	7.33	12 1-	4ACSR	0	0	571	156	36	5	4	0.01	6.33	0
CO29173	CO29141	7.38	11 1-	4ACSR	0	0	567	156	36	5	4	0.01	6.34	0
CO29178	CO29173	7.41	10 1-	4ACSR	0	0	563	155	32	4	3	0.01	6.35	0
CO29136	CO29178	7.43	2 1-	4ACSR	0	0	561	155	2	0	0	0.00	6.35	0
CO29179	CO29178	7.59	8 1-	4ACSR	0	0	545	154	29	4	3	0.03	6.39	0
CO29168	CO29179	7.72	8 1-	4ACSR	0	0	534	153	29	4	3	0.02	6.41	0
CO29169	CO29168	7.84	5 1-	4ACSR	0	0	522	151	22	3	2	0.02	6.42	0
CO29142	CO29169	7.95	5 1-	4ACSR	0	0	512	150	22	3	2	0.02	6.44	0
CO29166	CO29142	8.04	5 1-	4ACSR	0	0	505	150	22	3	2	0.01	6.45	0
CO29167	CO29166	8.10	3 1-	4ACSR	0	0	500	149	7	1	1	0.00	6.45	0
CO29165	CO29167	8.16	1 1-	4ACSR	0	0	495	149	0	0	0	0.00	6.45	0
CO29143	CO29165	8.26	1 1-	4ACSR	0	0	487	148	0	0	0	0.00	6.45	0
CO29144	CO29143	8.33	1 1-	4ACSR	0	0	481	147	0	0	0	0.00	6.45	0
CO29127	CO29140	7.28	33 1-	4ACSR	0	0	577	157	182	25	19	0.22	6.50	68
CO29158	CO29127	7.41	1 1-	4ACSR	0	0	563	155	0	0	0	0.00	6.50	0
CO29159	CO29158	7.48	1 1-	4ACSR	0	0	556	155	0	0	0	0.00	6.50	0
CO29160	CO29159	7.51	1 1-	4ACSR	0	0	554	154	0	0	0	0.00	6.50	0
CO29128	CO29127	7.58	32 1-	4ACSR	0	0	547	154	182	25	19	0.36	6.86	110
CO29151	CO29128	7.70	27 1-	4ACSR	0	0	536	153	145	20	15	0.11	6.97	26
CO29176	CO29151	7.72	27 1-	4ACSR	0	0	533	153	145	20	15	0.03	6.99	6
CO29177	CO29176	7.86	25 1-	4ACSR	0	0	521	151	132	18	14	0.11	7.11	25
CO29172	CO29177	7.90	24 1-	4ACSR	0	0	517	151	132	18	13	0.04	7.15	9
CO29152	CO29172	7.92	24 1-	4ACSR	0	0	515	151	132	18	13	0.02	7.17	4
CO29130	CO29152	8.05	20 1-	4ACSR	0	0	504	150	108	15	11	0.09	7.26	17
CO30469	CO29130	8.26	16 1-	4ACSR	0	0	486	148	80	11	8	0.11	7.37	15
CO28807	CO30469	8.30	16 1-	4ACSR	0	0	483	147	80	11	8	0.02	7.39	3
CO28688	CO28807	8.43	4 1-	4ACSR	0	0	474	146	26	3	3	0.02	7.41	0
CO29064	CO28688	8.57	0 1-	4ACSR	0	0	463	145	0	0	0	0.00	7.41	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30471	CO29064	8.67	0 1-	4ACSR	0	0	455	144	0	0	0	0.00	7.41	0
CO29063	CO28688	8.47	1 1-	4ACSR	0	0	470	146	2	0	0	0.00	7.41	0
CO28728	CO28688	8.48	2 1-	4ACSR	0	0	469	146	24	3	2	0.00	7.42	0
CO28687	CO28807	8.41	12 1-	4ACSR	0	0	475	147	54	7	6	0.04	7.43	3
CO28808	CO28687	8.42	10 1-	4ACSR	0	0	474	146	48	6	5	0.00	7.43	0
CO29067	CO28808	8.63	10 1-	4ACSR	0	0	458	145	48	6	5	0.07	7.50	5
CO29066	CO29067	8.81	1 1-	4ACSR	0	0	446	143	6	0	1	0.01	7.50	0
CO28871	CO29066	8.82	1 1-	4ACSR	0	0	445	143	6	0	1	0.00	7.50	0
CO28759	CO29067	8.72	1 1-	4ACSR	0	0	452	144	7	0	1	0.00	7.50	0
CO28758	CO29067	8.79	0 1-	4ACSR	0	0	447	144	0	0	0	0.00	7.50	0
CO28833	CO29067	8.71	8 1-	4ACSR	0	0	452	144	35	5	4	0.02	7.52	0
CO28975	CO28833	8.92	8 1-	4ACSR	0	0	438	143	35	5	4	0.05	7.56	3
CO28976	CO28975	8.98	8 1-	4ACSR	0	0	434	142	35	5	4	0.02	7.58	0
CO28706	CO28976	9.14	7 1-	4ACSR	0	0	424	141	34	4	3	0.03	7.61	0
CO28836	CO28706	9.17	7 1-	4ACSR	0	0	422	141	34	4	3	0.01	7.62	0
CO28837	CO28836	9.29	7 1-	4ACSR	0	0	414	140	34	4	3	0.03	7.65	0
CO28900	CO28837	9.48	0 1-	4ACSR	0	0	403	138	0	0	0	0.00	7.65	0
CO28901	CO28900	9.53	0 1-	4ACSR	0	0	400	138	0	0	0	0.00	7.65	0
CO28902	CO28901	9.63	0 1-	4ACSR	0	0	394	137	0	0	0	0.00	7.65	0
CO28838	CO28837	9.50	7 1-	4ACSR	0	0	402	138	34	4	3	0.05	7.69	3
CO28839	CO28838	9.59	7 1-	4ACSR	0	0	397	137	34	4	3	0.02	7.71	0
CO28903	CO28839	9.78	2 1-	4ACSR	0	0	386	136	14	2	1	0.01	7.72	0
CO28904	CO28903	9.84	1 1-	4ACSR	0	0	383	136	9	1	1	0.00	7.73	0
CO28761	CO28839	9.91	2 1-	4ACSR	0	0	379	135	12	1	1	0.01	7.72	0
CO28760	CO28706	9.20	0 1-	4ACSR	0	0	420	140	0	0	0	0.00	7.61	0
CO28834	CO28976	9.32	1 1-	4ACSR	0	0	412	139	2	0	0	0.00	7.58	0
CO28835	CO28834	9.44	1 1-	4ACSR	0	0	405	139	2	0	0	0.00	7.58	0
CO28898	CO28976	9.10	0 1-	4ACSR	0	0	426	141	0	0	0	0.00	7.58	0
CO28899	CO28898	9.21	0 1-	4ACSR	0	0	419	140	0	0	0	0.00	7.58	0
CO29065	CO28687	8.57	2 1-	4ACSR	0	0	463	145	6	0	1	0.00	7.43	0
CO29161	CO29130	8.21	4 1-	4ACSR	0	0	491	148	28	3	3	0.02	7.27	0
CO29162	CO29161	8.27	2 1-	4ACSR	0	0	486	148	4	0	0	0.00	7.28	0
CO29135	CO29152	8.10	2 1-	4ACSR	0	0	500	149	2	0	0	0.00	7.17	0
CO29170	CO29152	8.03	2 1-	4ACSR	0	0	506	150	21	3	2	0.01	7.18	0
CO29171	CO29170	8.06	1 1-	4ACSR	0	0	503	150	9	1	1	0.00	7.18	0
CO29163	CO29176	7.81	1 1-	2ACSR	0	0	527	152	10	1	1	0.00	7.00	0
CO29164	CO29163	7.89	1 1-	2ACSR	0	0	520	151	10	1	1	0.00	7.00	0
CO29137	CO29176	7.77	1 1-	2ACSR	0	0	529	152	2	0	0	0.00	6.99	0
CO29129	CO29128	7.74	5 1-	4ACSR	0	0	531	152	37	5	4	0.03	6.89	0
CO29134	CO29129	7.87	3 1-	4ACSR	0	0	520	151	11	1	1	0.00	6.90	0
CO29145	CO29129	7.80	1 1-	6HDCU	0	0	526	152	17	2	2	0.01	6.90	0
CO29146	CO29145	7.94	1 1-	6HDCU	0	0	514	151	17	2	2	0.02	6.92	0
CO29147	CO29146	7.98	1 1-	6HDCU	0	0	511	150	17	2	2	0.00	6.92	0
CO29148	CO29147	8.05	1 1-	6HDCU	0	0	505	150	17	2	2	0.00	6.92	0
CO29149	CO29148	8.14	0 1-	6HDCU	0	0	497	149	0	0	0	0.00	6.92	0
CO29150	CO29149	8.22	0 1-	6HDCU	0	0	491	148	0	0	0	0.00	6.92	0
CO29133	CO29127	7.44	0 1-	4ACSR	0	0	561	155	0	0	0	0.00	6.50	0
CO29132	CO29126	6.87	1 1-	4ACSR	0	0	621	161	3	0	0	0.00	5.87	0
CO29010+	CO28920	6.10	0 1-	4ACSR	0	0	723	290	0	0	0	0.00	3.99	0
CO29009+	CO29010	6.10	0 1-	4ACSR	0	0	723	290	0	0	0	0.00	3.99	0
CO28727+	CO28920	6.09	0 1-	4ACSR	0	0	724	290	0	0	0	0.00	3.99	0
CO29022+	CO28680	5.75	3 1-	4/0ACSR	0	0	751	296	4	0	0	0.00	3.84	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29023+	CO29022	5.80	1 1-	4/0ACSR	0	0	749	296	3	0	0	0.00	3.84	0
CO29014+	CO28913	5.52	7 1-	4ACSR	0	0	765	298	15	1	1	0.00	3.82	0
CO28719+	CO29014	5.57	2 1-	4ACSR	0	0	760	297	4	0	0	0.00	3.82	0
CO29015+	CO29014	5.58	5 1-	4ACSR	0	0	760	297	11	0	1	0.00	3.82	0
CO28868+	CO29015	5.62	1 1-	4ACSR	0	0	756	296	3	0	0	0.00	3.82	0
CO29030+	CO28913	5.60	2 1-	4ACSR	0	0	758	297	4	0	0	0.00	3.82	0
CO28866+	CO28940	5.23	3 1-	4ACSR	0	0	783	300	18	1	1	0.00	3.78	0
CO28867+	CO28866	5.28	1 1-	4ACSR	0	0	778	299	3	0	0	0.00	3.78	0
CO29068+	CO28677	4.73	3 1-	4ACSR	0	0	813	304	6	0	0	0.00	3.70	0
CO28757+	CO29068	4.79	2 1-	4ACSR	0	0	807	302	6	0	0	0.00	3.70	0
CO28756+	CO29068	4.92	1 1-	4ACSR	0	0	796	300	1	0	0	0.00	3.70	0
CO28755+	CO30500	4.04	1 1-	4ACSR	0	0	867	311	4	0	0	0.00	3.63	0
CO28593+	CO28322	3.75	233 3-	1/0CU	979	955	892	315	1103	25	8	0.00	3.61	0
OC883+	CO28593	3.75	233 3-	100 E OCR	979	955	892	315	1103	25	26	0.00	3.61	0
CO28594+	OC883	3.80	233 3-	1/0CU	977	952	889	315	1103	25	8	0.01	3.62	11
CO30502+	CO28594	4.02	233 3-	1/0CU	965	939	874	313	1103	25	8	0.03	3.65	52
CO28779+	CO30502	4.06	233 3-	1/0CU	963	936	871	313	1103	25	8	0.01	3.65	9
CO30423+	CO28779	4.43	0 1-	6ACWC	0	0	835	306	0	0	0	0.00	3.65	0
CO29046+	CO28779	4.08	0 1-	4ACSR	0	0	870	313	0	0	0	0.00	3.65	0
CO29047+	CO29046	4.12	0 1-	4ACSR	0	0	866	312	0	0	0	0.00	3.65	0
CO28707+	CO29046	4.09	0 1-	4ACSR	0	0	868	312	0	0	0	0.00	3.65	0
CO28666+	CO28779	4.37	233 3-	1/0CU	947	919	851	311	1103	25	8	0.05	3.70	72
CO28842+	CO28666	4.56	9 1-	4ACSR	0	0	833	307	54	3	3	0.02	3.71	0
CO28937+	CO28842	4.59	9 1-	4ACSR	0	0	830	307	54	3	3	0.00	3.72	0
CO28938+	CO28937	4.73	4 1-	4ACSR	0	0	817	304	27	1	1	0.00	3.72	0
CO28729+	CO28938	4.75	1 1-	4/0ACSR	0	0	816	304	8	0	0	0.00	3.72	0
CO28667+	CO28666	4.44	224 3-	1/0CU	943	915	846	310	1049	24	8	0.01	3.71	16
CO28668+	CO28667	4.62	218 3-	1/0CU	934	905	835	309	1030	23	8	0.02	3.74	36
CO28990+	CO28668	4.63	2 1-	4ACSR	0	0	835	309	3	0	0	0.00	3.74	0
OC893+	CO28990	4.63	2 1-	10 N FUSE	0	0	835	309	3	0	2	0.00	3.74	0
CO28991+	OC893	4.81	2 1-	4ACSR	0	0	818	305	3	0	0	0.00	3.74	0
CO28709+	CO28991	5.04	0 1-	4ACSR	0	0	798	301	0	0	0	0.00	3.74	0
CO28708+	CO28991	4.96	2 1-	4ACSR	0	0	804	303	3	0	0	0.00	3.74	0
CO28780+	CO28668	4.76	215 3-	1/0CU	927	897	827	308	1016	23	8	0.02	3.76	28
CO28781+	CO28780	4.95	215 3-	1/0CU	918	887	816	307	1015	23	8	0.03	3.78	37
CO28782+	CO28781	5.08	215 3-	1/0CU	911	880	808	306	1015	23	8	0.02	3.80	26
CO30424+	CO28782	5.14	214 3-	1/0CU	909	877	805	305	1015	23	8	0.01	3.81	11
CO28291+	CO30424	5.18	212 3-	1/0CU	907	875	803	305	999	23	7	0.01	3.81	8
CO28330+	CO28291	5.24	1 3-	6ACSR	902	869	797	304	17	0	0	0.00	3.81	0
CO28292+	CO28291	5.43	210 3-	1/0CU	895	863	789	303	965	22	7	0.03	3.84	44
CO28396+	CO28292	5.56	207 3-	1/0CU	889	856	782	302	936	21	7	0.02	3.86	22
CO28397+	CO28396	6.05	207 3-	1/0CU	867	832	756	299	936	21	7	0.06	3.92	83
CO28293+	CO28397	6.20	16 1-	4ACSR	0	0	744	296	105	7	5	0.02	3.94	4
CO28581+	CO28293	6.21	14 1-	4ACSR	0	0	744	296	98	6	5	0.00	3.95	0
OC873+	CO28581	6.21	14 1-	25 E OCR	0	0	744	296	98	6	27	0.00	3.95	0
CO28582+	OC873	6.29	14 1-	4ACSR	0	0	737	295	98	6	5	0.01	3.96	2
CO28294+	CO28582	6.47	14 1-	4ACSR	0	0	723	292	98	6	5	0.03	3.99	4
CO28390+	CO28294	6.50	2 1-	4ACSR	0	0	721	291	13	0	1	0.00	3.99	0
CO28391+	CO28390	6.60	1 1-	4ACSR	0	0	713	290	0	0	0	0.00	3.99	0
CO28392+	CO28391	6.68	0 1-	4ACSR	0	0	708	288	0	0	0	0.00	3.99	0
CO28388+	CO28294	6.58	12 1-	4ACSR	0	0	715	290	85	5	4	0.01	4.00	0
CO28389+	CO28388	6.66	11 1-	4ACSR	0	0	709	289	77	5	4	0.01	4.01	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28387+	CO28389	6.80	10 1-	4ACSR	0	0	699	286	69	4	3	0.01	4.02	0
CO28385+	CO28387	6.84	8 1-	4ACSR	0	0	696	286	47	3	2	0.00	4.03	0
CO28386+	CO28385	6.87	7 1-	4ACSR	0	0	694	285	40	2	2	0.00	4.03	0
CO28335+	CO28386	6.95	1 1-	4ACSR	0	0	688	284	0	0	0	0.00	4.03	0
CO28383+	CO28386	7.10	6 1-	4ACSR	0	0	678	282	39	2	2	0.01	4.04	0
CO28384+	CO28383	7.16	4 1-	4ACSR	0	0	673	281	36	2	2	0.00	4.04	0
CO28382+	CO28384	7.28	3 1-	4ACSR	0	0	665	279	22	1	1	0.00	4.05	0
CO28381+	CO28382	7.36	3 1-	4ACSR	0	0	659	277	22	1	1	0.00	4.05	0
CO28369+	CO28381	7.41	1 1-	2ACSR	0	0	657	277	5	0	0	0.00	4.05	0
CO28379+	CO28381	7.44	2 1-	4ACSR	0	0	654	276	18	1	1	0.00	4.05	0
CO28334+	CO28379	7.51	1 1-	4ACSR	0	0	650	275	8	0	0	0.00	4.05	0
CO28380+	CO28379	7.53	1 1-	4ACSR	0	0	648	275	9	0	0	0.00	4.05	0
CO28378+	CO28380	7.61	1 1-	4ACSR	0	0	643	274	9	0	0	0.00	4.06	0
CO28296+	CO28582	6.58	0 1-	4ACSR	0	0	715	290	0	0	0	0.00	3.96	0
CO28337+	CO28296	6.62	0 1-	4ACSR	0	0	712	289	0	0	0	0.00	3.96	0
CO28336+	CO28296	6.80	0 1-	4ACSR	0	0	698	286	0	0	0	0.00	3.96	0
CO28393+	CO28293	6.31	2 1-	4ACSR	0	0	735	294	7	0	0	0.00	3.94	0
CO28394+	CO28393	6.42	1 1-	4ACSR	0	0	727	293	0	0	0	0.00	3.94	0
CO28395+	CO28394	6.51	1 1-	4ACSR	0	0	720	291	0	0	0	0.00	3.94	0
CO28579+	CO28397	6.06	190 3-	1/0ACSR	867	832	755	299	831	19	8	0.00	3.92	0
OC875+	CO28579	6.06	190 3-	50 E OCR	867	832	755	299	831	19	39	0.00	3.92	0
CO28580+	OC875	6.20	190 3-	1/0ACSR	859	824	746	298	831	19	8	0.02	3.95	31
CO28402+	CO28580	6.25	189 3-	1/0ACSR	856	821	743	297	826	19	8	0.01	3.96	11
CO28403+	CO28402	6.39	189 3-	1/0ACSR	849	813	735	296	826	19	8	0.02	3.98	28
CO28407+	CO28403	6.46	4 1-	4ACSR	0	0	729	294	37	2	2	0.00	3.98	0
CO28409+	CO28407	6.54	4 1-	4ACSR	0	0	723	293	37	2	2	0.00	3.98	0
CO28410+	CO28409	6.60	3 1-	4ACSR	0	0	719	292	26	1	1	0.00	3.99	0
CO28411+	CO28410	6.63	1 1-	4ACSR	0	0	717	292	11	0	1	0.00	3.99	0
CO28408+	CO28407	6.54	0 1-	4ACSR	0	0	723	293	0	0	0	0.00	3.98	0
CO28404+	CO28403	6.42	183 3-	1/0ACSR	848	811	733	295	787	18	8	0.01	3.98	7
CO28405+	CO28404	6.46	182 3-	1/0ACSR	846	809	731	295	776	18	8	0.01	3.99	7
CO28406+	CO28405	6.56	181 3-	1/0ACSR	841	804	725	294	770	17	8	0.01	4.00	18
CO28669+	CO28406	6.69	181 3-	1/0ACSR	834	797	718	293	770	17	8	0.02	4.02	24
CO29061+	CO28669	6.74	180 3-	1/0ACSR	831	794	715	293	759	17	8	0.01	4.03	10
CO29062+	CO29061	6.78	180 3-	1/0ACSR	829	792	712	292	759	17	8	0.01	4.04	7
CO28969+	CO29062	6.80	179 3-	1/0ACSR	828	791	711	292	757	17	8	0.00	4.04	3
CO28970+	CO28969	6.87	178 3-	1/0ACSR	825	787	708	291	749	17	8	0.01	4.05	11
CO28783+	CO28970	6.92	176 3-	1/0ACSR	823	785	705	291	740	17	7	0.01	4.06	9
CO1539839234+	CO28783	7.02	176 3-	2ACSR	817	779	699	290	740	17	10	0.02	4.08	27
CO421171537+	CO1539839234	7.07	175 3-	2ACSR	814	775	695	289	733	17	9	0.01	4.09	15
CO28847+	CO421171537	7.10	2 1-	4ACSR	0	0	694	289	12	0	1	0.00	4.09	0
CO28848+	CO28847	7.18	2 1-	4ACSR	0	0	688	287	12	0	1	0.00	4.09	0
CO28785+	CO421171537	7.11	173 3-	1/0ACSR	812	774	694	289	721	16	7	0.00	4.10	5
CO28982+	CO28785	7.23	173 3-	1/0ACSR	806	767	687	288	721	16	7	0.02	4.12	20
CO28983+	CO28982	7.27	172 3-	1/0ACSR	805	766	685	287	701	16	7	0.00	4.12	5
CO30464+	CO28983	7.37	170 3-	1/0ACSR	800	760	680	286	701	16	7	0.01	4.14	16
CO29102+	CO30464	7.42	170 3-	1/0ACSR	798	758	678	286	701	16	7	0.01	4.14	7
CO29120+	CO29102	7.57	168 3-	1/0ACSR	790	750	670	285	684	15	7	0.02	4.16	22
CO29121+	CO29120	7.62	166 3-	1/0ACSR	788	748	668	284	670	15	7	0.01	4.17	7
CO30576+	CO29121	7.73	165 3-	1/0ACSR	783	743	662	283	670	15	7	0.01	4.19	15
CO28786+	CO30576	7.76	165 3-	1/0ACSR	782	741	661	283	670	15	7	0.00	4.19	4
CO28670+	CO28786	7.84	14 1-	4ACSR	0	0	656	282	81	5	4	0.01	4.20	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28986+	CO28670	7.87	8 1-	4ACSR	0	0	654	281	34	2	2	0.00	4.20	0
CO28987+	CO28986	7.92	6 1-	4ACSR	0	0	651	281	12	0	1	0.00	4.20	0
CO28789+	CO28670	7.88	5 1-	4ACSR	0	0	653	281	44	3	2	0.00	4.20	0
CO28790+	CO28789	7.90	5 1-	4ACSR	0	0	652	281	44	3	2	0.00	4.20	0
CO28791+	CO28790	7.98	5 1-	4ACSR	0	0	647	280	44	3	2	0.00	4.21	0
CO28980+	CO28791	8.01	3 1-	4ACSR	0	0	645	279	34	2	2	0.00	4.21	0
CO28981+	CO28980	8.10	1 1-	4ACSR	0	0	640	278	1	0	0	0.00	4.21	0
CO28712+	CO28980	8.06	1 1-	4ACSR	0	0	642	279	19	1	1	0.00	4.21	0
CO28849+	CO28791	8.06	2 1-	4ACSR	0	0	642	278	9	0	0	0.00	4.21	0
CO28850+	CO28849	8.12	2 1-	4ACSR	0	0	639	278	9	0	0	0.00	4.21	0
CO28787+	CO28786	7.81	151 3-	1/0ACSR	780	739	658	283	589	13	6	0.01	4.20	5
CO28788+	CO28787	7.86	151 3-	1/0ACSR	777	737	656	282	589	13	6	0.01	4.20	5
CO28992+	CO28788	7.87	77 1-	4ACSR	0	0	656	282	312	21	16	0.00	4.20	0
OC894+	CO28992	7.87	77 1-	10 N FUSE	0	0	656	282	312	21	218	0.00	4.20	0
CO28993+	OC894	7.92	77 1-	4ACSR	0	0	652	281	312	21	16	0.03	4.23	14
CO30465+	CO28993	7.98	76 1-	4ACSR	0	0	649	280	306	21	15	0.03	4.26	13
CO29103+	CO30465	8.00	73 1-	4ACSR	0	0	647	280	292	20	15	0.01	4.27	4
CO29104+	CO29103	8.04	73 1-	4ACSR	0	0	645	279	292	20	15	0.02	4.29	9
CO29078+	CO29104	8.06	71 1-	4ACSR	0	0	644	279	270	18	13	0.01	4.29	3
CO29091+	CO29078	8.08	4 1-	4ACSR	0	0	642	279	4	0	0	0.00	4.29	0
CO29100+	CO29091	8.12	4 1-	4ACSR	0	0	640	278	4	0	0	0.00	4.29	0
CO29101+	CO29100	8.13	2 1-	4ACSR	0	0	640	278	3	0	0	0.00	4.29	0
CO29083+	CO29100	8.15	1 1-	4ACSR	0	0	638	278	1	0	0	0.00	4.29	0
CO29079+	CO29078	8.09	62 1-	4ACSR	0	0	642	279	250	17	13	0.01	4.31	5
CO29081+	CO29079	8.14	0 1-	4ACSR	0	0	639	278	0	0	0	0.00	4.31	0
SW907-B+	CO29081	8.14	0 1-	Open	0	0	639	278	0	0	0	0.00	4.31	0
CO29098+	CO29079	8.10	62 1-	4ACSR	0	0	641	279	250	17	13	0.00	4.31	0
CO29099+	CO29098	8.14	55 1-	4ACSR	0	0	639	278	240	16	12	0.01	4.32	6
CO29080+	CO29099	8.20	54 1-	4ACSR	0	0	635	277	236	16	12	0.02	4.35	9
CO29105+	CO29080	8.29	44 1-	4ACSR	0	0	629	276	204	14	10	0.03	4.38	10
CO29106+	CO29105	8.31	43 1-	4ACSR	0	0	628	275	199	13	10	0.01	4.38	2
CO29088+	CO29106	8.39	2 1-	4ACSR	0	0	624	274	10	0	1	0.00	4.39	0
CO29089+	CO29088	8.76	2 1-	4ACSR	0	0	602	269	10	0	1	0.00	4.39	0
CO29090+	CO29089	9.00	1 1-	4ACSR	0	0	589	265	3	0	0	0.00	4.39	0
CO29118+	CO29090	9.04	1 1-	4ACSR	0	0	586	265	3	0	0	0.00	4.39	0
CO29119+	CO29118	9.11	0 1-	4ACSR	0	0	583	264	0	0	0	0.00	4.39	0
CO29097+	CO29119	9.24	0 1-	4ACSR	0	0	576	262	0	0	0	0.00	4.39	0
CO29085+	CO29090	9.13	0 1-	4ACSR	0	0	582	264	0	0	0	0.00	4.39	0
CO29087+	CO29106	8.33	41 1-	4ACSR	0	0	627	275	189	13	9	0.01	4.39	0
CO29107+	CO29087	8.39	36 1-	4ACSR	0	0	624	274	182	12	9	0.01	4.40	4
CO29108+	CO29107	8.41	34 1-	4ACSR	0	0	623	274	167	11	8	0.01	4.41	0
CO29109+	CO29108	8.43	33 1-	4ACSR	0	0	621	274	164	11	8	0.01	4.42	0
CO29116+	CO29109	8.50	31 1-	4ACSR	0	0	617	273	146	10	7	0.01	4.43	3
CO29117+	CO29116	8.58	24 1-	4ACSR	0	0	612	271	108	7	5	0.01	4.44	2
CO29095+	CO29117	8.61	11 1-	4ACSR	0	0	611	271	46	3	2	0.00	4.44	0
CO29096+	CO29095	8.64	8 1-	4ACSR	0	0	609	271	31	2	2	0.00	4.45	0
CO29112+	CO29096	8.65	8 1-	4ACSR	0	0	608	270	31	2	2	0.00	4.45	0
CO29113+	CO29112	8.67	7 1-	4ACSR	0	0	607	270	26	1	1	0.00	4.45	0
CO29111+	CO29113	8.70	4 1-	4ACSR	0	0	606	270	13	0	1	0.00	4.45	0
CO29110+	CO29111	8.72	1 1-	4ACSR	0	0	604	269	5	0	0	0.00	4.45	0
CO29114+	CO29117	8.62	9 1-	4ACSR	0	0	610	271	43	3	2	0.00	4.44	0
CO29115+	CO29114	8.67	8 1-	4ACSR	0	0	607	270	37	2	2	0.00	4.45	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-1121630725+	CO29115	8.69	1 1-	2ACSR	0	0	606	270	6	0	0	0.00	4.45	0
CO29084+	CO29080	8.26	4 1-	4ACSR	0	0	632	276	12	0	1	0.00	4.35	0
CO29094+	CO29080	8.23	5 1-	4ACSR	0	0	633	277	19	1	1	0.00	4.35	0
CO29124+	CO29094	8.25	2 1-	4ACSR	0	0	632	276	6	0	0	0.00	4.35	0
CO29125+	CO29124	8.27	2 1-	4ACSR	0	0	631	276	6	0	0	0.00	4.35	0
CO29092+	CO29125	8.30	1 1-	4ACSR	0	0	629	276	4	0	0	0.00	4.35	0
CO29093+	CO29092	8.32	1 1-	4ACSR	0	0	628	275	4	0	0	0.00	4.35	0
CO29082+	CO29104	8.07	2 1-	4ACSR	0	0	643	279	22	1	1	0.00	4.29	0
CO28792+	CO28788	7.88	74 1-	4ACSR	0	0	655	282	277	19	14	0.01	4.22	4
CO28933+	CO28792	7.91	74 1-	4ACSR	0	0	653	282	277	19	14	0.01	4.23	6
CO28934+	CO28933	7.94	73 1-	4ACSR	0	0	651	281	275	19	14	0.01	4.24	5
CO28851+	CO28934	7.97	13 1-	4ACSR	0	0	649	280	22	1	1	0.00	4.24	0
CO28932+	CO28851	8.00	11 1-	4ACSR	0	0	648	280	14	0	1	0.00	4.24	0
CO29018+	CO28932	8.04	7 1-	4ACSR	0	0	645	279	10	0	1	0.00	4.24	0
CO28713+	CO29018	8.08	1 1-	4ACSR	0	0	642	279	1	0	0	0.00	4.24	0
CO29019+	CO29018	8.06	3 1-	4ACSR	0	0	644	279	6	0	0	0.00	4.24	0
CO28793+	CO28934	8.05	54 1-	4ACSR	0	0	644	279	224	15	11	0.04	4.28	15
CO28794+	CO28793	8.15	53 1-	4ACSR	0	0	638	278	222	15	11	0.03	4.31	12
CO29016+	CO28794	8.19	3 1-	4ACSR	0	0	636	277	29	2	1	0.00	4.32	0
CO28714+	CO29016	8.24	1 1-	4ACSR	0	0	632	276	9	0	0	0.00	4.32	0
CO29017+	CO29016	8.20	2 1-	4ACSR	0	0	635	277	20	1	1	0.00	4.32	0
CO28852+	CO29017	8.28	2 1-	4ACSR	0	0	630	276	20	1	1	0.00	4.32	0
CO28853+	CO28852	8.33	2 1-	4ACSR	0	0	627	275	20	1	1	0.00	4.32	0
CO28930+	CO28794	8.39	50 1-	4ACSR	0	0	624	274	193	13	10	0.07	4.39	23
CO28931+	CO28930	8.43	48 1-	4ACSR	0	0	621	274	190	13	9	0.01	4.40	4
CO28795+	CO28931	8.60	48 1-	4ACSR	0	0	611	271	190	13	9	0.05	4.45	16
CO28715+	CO28795	8.70	2 1-	4ACSR	0	0	606	270	0	0	0	0.00	4.45	0
CO29008+	CO28795	8.61	46 1-	4ACSR	0	0	611	271	189	13	9	0.00	4.45	0
OC903+	CO29008	8.61	46 1-	25 E OCR	0	0	611	271	189	13	53	0.00	4.45	0
CO28671+	OC903	8.64	37 1-	4ACSR	0	0	609	270	145	10	7	0.01	4.46	0
CO29005+	CO28671	8.69	37 1-	4ACSR	0	0	606	270	145	10	7	0.01	4.47	2
CO28798+	CO29005	8.72	4 1-	2ACSR	0	0	605	269	14	0	1	0.00	4.47	0
CO418936487+	CO28798	8.77	1 1-	2ACSR	0	0	603	269	1	0	0	0.00	4.47	0
CO28797+	CO29005	8.73	1 1-	2ACSR	0	0	604	269	2	0	0	0.00	4.47	0
CO29006+	CO29005	8.76	32 1-	4ACSR	0	0	602	269	129	9	6	0.02	4.49	3
CO29007+	CO29006	8.85	30 1-	4ACSR	0	0	597	267	124	8	6	0.02	4.51	4
CO28924+	CO29007	8.90	28 1-	4ACSR	0	0	594	267	110	7	6	0.01	4.51	0
CO28925+	CO28924	8.92	27 1-	4ACSR	0	0	593	266	107	7	5	0.00	4.52	0
CO28799+	CO28925	9.11	27 1-	4ACSR	0	0	583	264	107	7	5	0.03	4.55	6
CO28672+	CO28799	9.21	25 1-	4ACSR	0	0	578	262	105	7	5	0.02	4.57	3
CO28673+	CO28672	9.28	18 1-	4ACSR	0	0	573	261	86	6	4	0.01	4.58	0
CO28802+	CO28673	9.47	7 1-	4ACSR	0	0	564	259	26	1	1	0.01	4.58	0
CO28914+	CO28802	9.57	7 1-	4ACSR	0	0	559	258	26	1	1	0.00	4.59	0
CO28915+	CO28914	9.70	5 1-	4ACSR	0	0	552	256	21	1	1	0.00	4.59	0
CO28911+	CO28915	9.77	2 1-	4ACSR	0	0	548	255	3	0	0	0.00	4.59	0
CO29076+	CO28911	9.78	0 1-	4ACSR	0	0	548	255	0	0	0	0.00	4.59	0
CO28862+	CO28673	9.36	2 1-	4ACSR	0	0	569	260	17	1	1	0.00	4.58	0
CO28863+	CO28862	9.42	0 1-	4ACSR	0	0	566	260	0	0	0	0.00	4.58	0
CO28674+	CO28673	9.40	9 1-	4ACSR	0	0	567	260	44	3	2	0.01	4.58	0
CO28716+	CO28674	9.49	1 1-	4ACSR	0	0	562	259	10	0	0	0.00	4.58	0
CO28675+	CO28674	9.47	5 1-	4ACSR	0	0	563	259	19	1	1	0.00	4.59	0
CO28935+	CO28675	9.59	3 1-	4ACSR	0	0	557	257	17	1	1	0.00	4.59	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28936+	CO28935	9.72	2 1-	4ACSR	0	0	551	256	17	1	1	0.00	4.59	0
CO28800+	CO28936	9.83	2 1-	4ACSR	0	0	545	254	17	1	1	0.00	4.59	0
CO28801+	CO28800	9.92	1 1-	4ACSR	0	0	541	253	1	0	0	0.00	4.59	0
CO28864+	CO28675	9.61	2 1-	4ACSR	0	0	557	257	2	0	0	0.00	4.59	0
CO28865+	CO28864	9.68	1 1-	4ACSR	0	0	553	256	0	0	0	0.00	4.59	0
CO28860+	CO28672	9.29	5 1-	4ACSR	0	0	573	261	19	1	1	0.00	4.57	0
CO28861+	CO28860	9.36	2 1-	4ACSR	0	0	569	260	11	0	1	0.00	4.57	0
CO28922+	CO28799	9.21	2 1-	4ACSR	0	0	577	262	2	0	0	0.00	4.55	0
CO28923+	CO28922	9.24	1 1-	4ACSR	0	0	575	262	2	0	0	0.00	4.55	0
CO28908+	CO29007	8.92	2 1-	4ACSR	0	0	593	266	14	1	1	0.00	4.51	0
CO28909+	CO28908	8.96	1 1-	1/0PRIURD	0	0	592	436	7	0	0	0.00	4.51	0
CO28778+	CO29006	8.82	2 1-	4ACSR	0	0	598	268	5	0	0	0.00	4.49	0
CO28926+	OC903	8.69	9 1-	4ACSR	0	0	606	270	45	3	2	0.00	4.46	0
CO28927+	CO28926	8.72	7 1-	4ACSR	0	0	604	269	36	2	2	0.00	4.46	0
CO29026+	CO28927	8.74	7 1-	4ACSR	0	0	603	269	36	2	2	0.00	4.46	0
CO29027+	CO29026	8.77	6 1-	4ACSR	0	0	602	269	30	2	2	0.00	4.46	0
CO28928+	CO29027	8.82	6 1-	4ACSR	0	0	599	268	30	2	2	0.00	4.47	0
CO28771+	CO28928	8.87	1 1-	2/0ACSR	0	0	597	268	2	0	0	0.00	4.47	0
CO28929+	CO28928	8.93	4 1-	4ACSR	0	0	592	266	28	1	1	0.00	4.47	0
CO28796+	CO28929	9.05	3 1-	4ACSR	0	0	586	265	23	1	1	0.00	4.48	0
CO28858+	CO28796	9.14	2 1-	4ACSR	0	0	581	263	12	0	1	0.00	4.48	0
CO28859+	CO28858	9.20	2 1-	4ACSR	0	0	578	263	12	0	1	0.00	4.48	0
CO28854+	CO28796	9.16	1 1-	4ACSR	0	0	580	263	11	0	1	0.00	4.48	0
CO28855+	CO28854	9.26	1 1-	4ACSR	0	0	575	262	11	0	1	0.00	4.48	0
CO28856+	CO28855	9.31	1 1-	4ACSR	0	0	572	261	11	0	1	0.00	4.48	0
CO28857+	CO28856	9.33	1 1-	4ACSR	0	0	571	261	11	0	1	0.00	4.48	0
CO28994+	CO28786	7.77	0 1-	4ACSR	0	0	660	283	0	0	0	0.00	4.19	0
OC895+	CO28994	7.77	0 1-	10 N FUSE	0	0	660	283	0	0	0	0.00	4.19	0
CO30466+	OC895	7.85	0 1-	4ACSR	0	0	655	282	0	0	0	0.00	4.19	0
CO29122+	CO30466	7.96	0 1-	4ACSR	0	0	648	280	0	0	0	0.00	4.19	0
CO29123+	CO29122	7.97	0 1-	4ACSR	0	0	648	280	0	0	0	0.00	4.19	0
SW907-A+	CO29123	7.97	0 1-	Open	0	0	648	280	0	0	0	0.00	4.19	0
CO29086+	CO29102	7.46	1 1-	2ACSR	0	0	675	286	12	0	0	0.00	4.14	0
CO454401021+	CO1539839234	7.04	1 1-	2ACSR	0	0	698	289	7	0	0	0.00	4.08	0
CO-1085361809+	CO454401021	7.15	1 1-	2ACSR	0	0	691	288	7	0	0	0.00	4.08	0
CO1023354346+	CO-1085361809	7.42	1 1-	1/0PRIURD	0	0	678	491	7	0	0	0.00	4.08	0
CO-2005133090+	CO1023354346	7.48	1 1-	1/0PRIURD	0	0	675	490	7	0	0	0.00	4.08	0
CO1852216540+	CO-2005133090	7.56	0 1-	1/0PRIURD	0	0	672	488	0	0	0	0.00	4.08	0
CO29060+	CO29061	6.85	0 3-	2ACSR	825	787	708	291	0	0	0	0.00	4.03	0
CO28769+	CO28669	6.74	1 1-	2ACSR	0	0	715	292	11	0	0	0.00	4.02	0
CO28399+	CO28397	6.09	1 3-	1/0CU	865	831	754	299	0	0	0	0.00	3.92	0
CO28400+	CO28399	6.11	1 3-	1/0CU	864	830	753	299	0	0	0	0.00	3.92	0
CO28333+	CO28400	6.21	1 1-	4ACSR	0	0	745	297	0	0	0	0.00	3.92	0
CO28295+	CO28400	6.22	0 3-	1/0CU	860	824	747	298	0	0	0	0.00	3.92	0
CO28584+	CO28295	6.23	0 3-	1/0CU	859	824	747	298	0	0	0	0.00	3.92	0
#SW868-A+	CO28584	6.23	0 3-	Open	859	824	747	298	0	0	0	0.00	3.92	0
CO28332+	CO28292	5.61	3 1-	4ACSR	0	0	773	300	29	2	1	0.01	3.85	0
CO-119922057+	CO28332	5.69	1 1-	2ACSR	0	0	768	299	10	0	0	0.00	3.85	0
CO28365+	CO28332	5.67	1 1-	2ACSR	0	0	769	299	13	0	0	0.00	3.85	0
CO28398+	CO28291	5.21	1 3-	2ACSR	905	873	800	305	17	0	0	0.00	3.81	0
CO30430+	CO28398	5.27	1 3-	2ACSR	901	869	796	304	17	0	0	0.00	3.81	0
CO28840+	CO30430	5.30	1 3-	2ACSR	899	867	793	303	17	0	0	0.00	3.81	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28841+	CO28840	5.48	1 3-	2ACSR	888	854	780	301	17	0	0	0.00	3.81	0
CO28331+	CO30424	5.23	2 1-	4ACSR	0	0	797	304	16	1	1	0.00	3.80	0
CO28711+	CO28782	5.13	1 1-	4ACSR	0	0	804	305	0	0	0	0.00	3.80	0
CO28710+	CO28668	4.68	1 1-	4ACSR	0	0	830	308	12	0	1	0.00	3.73	0
CO28845+	CO28667	4.64	3 1-	4ACSR	0	0	828	307	4	0	0	0.00	3.71	0
CO28846+	CO28845	4.69	2 1-	4ACSR	0	0	823	306	3	0	0	0.00	3.71	0
CO30501+	CO28846	4.74	1 1-	2ACSR	0	0	819	305	2	0	0	0.00	3.71	0
CO28573+	CO30501	4.77	1 1-	2ACSR	0	0	817	305	2	0	0	0.00	3.71	0
CO28843+	CO28667	4.55	3 1-	4ACSR	0	0	837	308	14	0	1	0.00	3.71	0
CO277806545+	CO28843	4.61	1 1-	2ACSR	0	0	831	307	6	0	0	0.00	3.71	0
CO28844+	CO28843	4.61	1 1-	4ACSR	0	0	831	307	4	0	0	0.00	3.71	0
CO29028+	CO28704	3.16	6 1-	4ACSR	0	0	931	318	36	2	2	0.01	3.28	0
CO29050+	CO29028	3.27	3 1-	2ACSR	0	0	920	317	23	1	1	0.00	3.28	0
CO29051+	CO29050	3.32	1 1-	2ACSR	0	0	915	316	10	0	0	0.00	3.29	0
CO28776+	CO29050	3.30	2 1-	2ACSR	0	0	917	316	13	0	0	0.00	3.29	0
CO29029+	CO29028	3.23	2 1-	4ACSR	0	0	923	317	9	0	0	0.00	3.28	0
CO28762+	CO28704	3.09	1 1-	1/0CU	0	0	940	320	10	0	0	0.00	3.28	0
CO28754+	CO29054	2.92	3 1-	4ACSR	0	0	950	320	7	0	0	0.00	3.17	0
CO28753+	CO29073	2.75	0 1-	4ACSR	0	0	964	322	0	0	0	0.00	3.10	0
CO28752+	CO29073	2.79	1 1-	4ACSR	0	0	960	321	2	0	0	0.00	3.10	0
CO28893+	CO29073	2.76	0 1-	4ACSR	0	0	964	322	0	0	0	0.00	3.10	0
CO28894+	CO28893	2.86	0 1-	4ACSR	0	0	953	320	0	0	0	0.00	3.10	0
CO28895+	CO28894	2.91	0 1-	4ACSR	0	0	946	319	0	0	0	0.00	3.10	0
CO28905+	CO28691	1.63	9 1-	4ACSR	0	0	1064	331	16	1	1	0.00	2.47	0
CO28906+	CO28905	1.67	6 1-	4ACSR	0	0	1059	330	9	0	0	0.00	2.47	0
CO28907+	CO28906	1.82	3 1-	4ACSR	0	0	1039	327	5	0	0	0.00	2.47	0
CO28874+	CO28965	1.48	3 1-	4ACSR	0	0	1079	332	4	0	0	0.00	2.38	0
CO28963+	CO28874	1.50	2 1-	4ACSR	0	0	1076	331	3	0	0	0.00	2.38	0
CO28964+	CO28963	1.53	1 1-	4ACSR	0	0	1072	331	3	0	0	0.00	2.38	0
CO28363+	CO28312	1.16	2 1-	4/0ACSR	0	0	1113	335	7	0	0	0.00	2.19	0
CO28355+	CO30523	1.10	2 1-	4ACSR	0	0	1117	335	6	0	0	0.00	2.14	0
CO22490+	CO22065	0.94	21 1-	4ACSR	0	0	1136	337	133	9	7	0.00	2.07	0
OC658+	CO22490	0.94	21 1-	10 N FUSE	0	0	1136	337	133	9	92	0.00	2.07	0
CO22491+	OC658	0.97	21 1-	4ACSR	0	0	1132	336	133	9	7	0.01	2.07	0
CO22057+	CO22491	1.02	20 1-	4ACSR	0	0	1125	335	127	8	6	0.01	2.08	0
CO22051+	CO22057	1.07	16 1-	4ACSR	0	0	1117	334	108	7	5	0.01	2.09	0
CO21956+	CO22051	1.11	6 1-	4ACSR	0	0	1112	333	50	3	2	0.00	2.09	0
CO30522+	CO21956	1.22	1 1-	4ACSR	0	0	1095	331	1	0	0	0.00	2.09	0
CO28872+	CO30522	1.30	1 1-	4ACSR	0	0	1085	329	1	0	0	0.00	2.09	0
CO22063+	CO21956	1.21	5 1-	4ACSR	0	0	1097	331	49	3	2	0.01	2.10	0
CO22354+	CO22063	1.24	4 1-	4ACSR	0	0	1093	331	39	2	2	0.00	2.10	0
CO22355+	CO22354	1.25	4 1-	4ACSR	0	0	1091	330	39	2	2	0.00	2.10	0
CO22352+	CO22355	1.30	4 1-	4ACSR	0	0	1085	329	39	2	2	0.00	2.11	0
CO22353+	CO22352	1.33	4 1-	4ACSR	0	0	1080	329	39	2	2	0.00	2.11	0
CO22005+	CO22353	1.37	4 1-	4ACSR	0	0	1074	328	39	2	2	0.00	2.11	0
CO22052+	CO22051	1.10	10 1-	4ACSR	0	0	1113	334	58	4	3	0.00	2.09	0
CO22054+	CO22052	1.17	7 1-	4ACSR	0	0	1102	332	40	2	2	0.00	2.10	0
CO22055+	CO22054	1.21	7 1-	4ACSR	0	0	1096	331	40	2	2	0.00	2.10	0
CO22056+	CO22055	1.23	0 1-	4ACSR	0	0	1094	331	0	0	0	0.00	2.10	0
CO21992+	CO22052	1.12	1 1-	4ACSR	0	0	1111	333	5	0	0	0.00	2.09	0
CO22053+	CO22052	1.12	0 1-	4ACSR	0	0	1111	333	0	0	0	0.00	2.09	0
CO22519+	CO22061	0.57	0 3-	6HDCU	1181	1180	1176	340	0	0	0	0.00	1.82	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

Title: FLEMING - MASON ENERGY COOPERATIVE - KENTUCKY 52 FLEMING - FLEMINGSBURG, KENTUCKY
 Case: 2008-2009 CONSTRUCTION WORK PLAN - EXISTING SYSTEM WITH PROJECTED WINTER 2008-09 LOADS
 Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21990+	CO21944	0.48	3 1-	4ACSR	0	0	1184	340	9	0	0	0.00	1.71	0
CO22109+	CO22361	0.30	2 1-	4ACSR	0	0	1206	342	4	0	0	0.00	1.59	0
CO22108+	CO22109	0.32	1 1-	4ACSR	0	0	1202	341	3	0	0	0.00	1.59	0
CO21989+	XFMR2	0.22	1 1-	4ACSR	0	0	1211	340	10	0	0	0.00	1.48	0
SUB	0 total losses:	\$114,824												

 Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0 Hilda 2			3		6836	7275	7401	180	8636					
CO452	Hilda 2	0.01	0 3-	750 MCM - 42 Wi	6791	7200	7318	180	0	0	0	0.00	0.00	0
Guardian 1	CO452	0.01	0 3-	VWVE	6791	7200	7318	180	0	0	0	0.00	0.00	0
CO510	Guardian 1	0.03	0 3-	556ACSR	6701	7052	7157	180	0	0	0	0.00	0.00	0
CO511	CO510	0.07	0 3-	556ACSR	6562	6832	6915	180	0	0	0	0.00	0.00	0
CO808	CO511	0.08	0 3-	556ACSR	6526	6776	6854	180	0	0	0	0.00	0.00	0
CO809	CO808	0.10	0 3-	556ACSR	6441	6648	6710	180	0	0	0	0.00	0.00	0
CO810	CO809	0.13	0 3-	556ACSR	6354	6520	6566	179	0	0	0	0.00	0.00	0
CO811	CO810	0.16	0 3-	556ACSR	6239	6354	6377	179	0	0	0	0.00	0.00	0
CO812	CO811	0.17	0 3-	556ACSR	6188	6283	6295	179	0	0	0	0.00	0.00	0
CO518	CO812	0.21	0 3-	556ACSR	6061	6108	6094	179	0	0	0	0.00	0.00	0
CO524	CO518	0.22	0 3-	556ACSR	6027	6062	6040	179	0	0	0	0.00	0.00	0
CO519	CO524	0.35	0 3-	556ACSR	5635	5557	5452	179	0	0	0	0.00	0.00	0
CO523	CO519	0.42	0 3-	556ACSR	5454	5336	5193	179	0	0	0	0.00	0.00	0
CO520	CO523	0.45	0 3-	556ACSR	5361	5226	5064	179	0	0	0	0.00	0.00	0
CO522	CO520	0.72	0 3-	556ACSR	4760	4564	4274	179	0	0	0	0.00	0.00	0
CO521	CO522	0.81	0 3-	556ACSR	4575	4366	4046	179	0	0	0	0.00	0.00	0
CO422	CO521	0.88	0 3-	1000 CU PRI URD	4580	4403	4003	468	0	0	0	0.00	0.00	0
CO451	Hilda 2	0.01	3 3-	750 MCM - 42 Wi	6796	7208	7327	180	8636	404	35	0.02	0.02	89
Guardian 2	CO451	0.01	3 3-	WVE	6796	7208	7327	180	8635	404	72	0.00	0.02	0
CO634	Guardian 2	0.02	3 3-	556ACSR	6742	7119	7231	180	8635	404	57	0.03	0.05	234
CO813	CO634	0.03	3 3-	556ACSR	6703	7055	7161	180	8634	404	57	0.02	0.08	175
CO814	CO813	0.05	3 3-	556ACSR	6637	6949	7045	180	8634	404	57	0.04	0.12	296
CO815	CO814	0.09	3 3-	556ACSR	6472	6694	6761	180	8632	404	57	0.11	0.23	769
CO816	CO815	0.10	3 3-	556ACSR	6454	6668	6732	180	8629	404	57	0.01	0.24	83
CO817	CO816	0.13	3 3-	556ACSR	6352	6516	6561	179	8628	404	57	0.07	0.31	499
CO818	CO817	0.16	3 3-	556ACSR	6252	6372	6398	179	8626	404	57	0.07	0.38	503
CO819	CO818	0.24	3 3-	556ACSR	5987	6008	5978	179	8624	404	57	0.20	0.57	1412
CO445	CO819	0.39	3 3-	556ACSR	5544	5445	5320	179	8617	404	57	0.37	0.94	2660
CO711	CO445	0.65	3 3-	556ACSR	4910	4726	4464	179	8605	404	57	0.63	1.57	4624
CO712	CO711	0.69	3 3-	556ACSR	4821	4629	4350	179	8583	404	57	0.10	1.67	749
CO512	CO712	0.75	2 3-	556ACSR	4692	4490	4189	179	8580	404	57	0.15	1.83	1134
CO432	CO512	0.77	1 1-	1/0ACSR	0	0	4141	179	0	0	0	0.00	1.83	0
CO423	CO512	0.81	1 3-	1000 CU PRI URD	4697	4523	4152	468	8574	404	58	0.02	1.85	387
400322153	CO423	0.81	1 3-	Consumer	4697	4523	4152	468	8573	404	0	0.00	1.85	0
SUB 0 total losses:		\$13,614												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0 SNOW HILL														
		1077			2660	2827	2812	354	6302					
OH181+	SNOW HILL	0.01	1077 3-	750 MCM HdCu -	2656	2821	2805	354	6302	139	13	0.00	0.00	13
OH185+	OH181	0.03	407 3-	336ACSR	2651	2812	2796	354	2097	46	9	0.00	0.00	6
SNOW HILL CKT+	OH185	0.03	407 3-	560 200WVE	2651	2812	2796	354	2097	46	8	0.00	0.00	0
OH211+	SNOW HILL CKT	0.05	407 3-	336ACSR	2643	2798	2782	353	2097	46	9	0.00	0.01	9
OH212+	OH211	0.10	407 3-	336ACSR	2627	2772	2755	353	2097	46	9	0.01	0.02	18
OH213+	OH212	0.13	407 3-	336ACSR	2617	2755	2737	353	2097	46	9	0.00	0.02	12
OH214+	OH213	0.22	407 3-	336ACSR	2588	2706	2687	353	2097	46	9	0.01	0.03	35
OH215+	OH214	0.30	407 3-	336ACSR	2563	2666	2644	352	2096	46	9	0.01	0.05	31
OH216+	OH215	0.35	407 3-	336ACSR	2549	2643	2620	352	2096	46	9	0.01	0.05	18
OH217+	OH216	0.45	407 3-	336ACSR	2518	2595	2568	352	2096	46	9	0.02	0.07	40
OH218+	OH217	0.57	407 3-	336ACSR	2480	2538	2506	351	2096	46	9	0.02	0.09	50
OH219+	OH218	0.74	407 3-	336ACSR	2434	2469	2431	350	2096	46	9	0.02	0.11	64
OH220+	OH219	0.82	407 3-	336ACSR	2409	2434	2392	350	2095	46	9	0.01	0.13	34
OH221+	OH220	0.94	407 3-	336ACSR	2378	2390	2344	349	2095	46	9	0.02	0.14	45
OH222+	OH221	0.96	407 3-	336ACSR	2371	2380	2332	349	2095	46	9	0.00	0.15	11
SW818-A+	OH222	0.96	0 1-	Open	0	0	2332	349	0	0	0	0.00	0.15	0
CO26553+	OH222	0.97	0 1-	4ACSR	0	0	2327	349	0	0	0	0.00	0.15	0
CO26552+	CO26553	1.27	0 1-	4ACSR	0	0	2132	342	0	0	0	0.00	0.15	0
CO498542498+	CO26552	1.74	0 1-	2ACSR	0	0	1902	336	0	0	0	0.00	0.15	0
SW232-B+	CO498542498	1.74	0 1-	Open	0	0	1902	336	0	0	0	0.00	0.15	0
OH223+	OH222	1.00	407 3-	336ACSR	2362	2368	2318	349	2095	46	9	0.00	0.15	13
OH224+	OH223	1.04	407 3-	336ACSR	2350	2351	2300	349	2095	46	9	0.01	0.16	18
OH225+	OH224	1.07	407 3-	336ACSR	2343	2341	2289	349	2095	46	9	0.00	0.16	11
OH226+	OH225	1.10	407 3-	336ACSR	2334	2330	2276	349	2095	46	9	0.01	0.17	13
OH227+	OH226	1.17	407 3-	336ACSR	2316	2305	2248	348	2095	46	9	0.01	0.18	27
OH228+	OH227	1.24	407 3-	336ACSR	2299	2283	2223	348	2095	46	9	0.01	0.19	26
OH229+	OH228	1.29	407 3-	336ACSR	2287	2266	2204	348	2094	46	9	0.01	0.20	20
OH230+	OH229	1.33	407 3-	336ACSR	2277	2254	2190	347	2094	46	9	0.01	0.20	15
OH231+	OH230	1.35	407 3-	336ACSR	2273	2248	2183	347	2094	46	9	0.00	0.20	7
CO26425+	OH231	1.36	3 1-	4ACSR	0	0	2172	347	5	0	0	0.00	0.20	0
CO26502+	CO26425	1.83	2 1-	4ACSR	0	0	1908	337	5	0	0	0.00	0.21	0
CO26503+	CO26502	1.86	1 1-	4ACSR	0	0	1895	336	0	0	0	0.00	0.21	0
CO26560+	CO26503	2.18	1 1-	4ACSR	0	0	1733	329	0	0	0	0.00	0.21	0
CO26561+	CO26560	2.27	0 1-	4ACSR	0	0	1693	328	0	0	0	0.00	0.21	0
CO26562+	CO26561	2.27	0 1-	4ACSR	0	0	1691	328	0	0	0	0.00	0.21	0
CO26372+	CO26425	1.42	1 1-	4ACSR	0	0	2139	346	0	0	0	0.00	0.20	0
CO26426+	OH231	1.50	404 3-	336ACSR	2236	2201	2129	347	2089	46	9	0.02	0.23	59
CO26413+	CO26426	1.61	400 3-	336ACSR	2209	2167	2090	346	2074	46	9	0.02	0.24	44
CO26414+	CO26413	1.69	400 3-	336ACSR	2191	2145	2065	346	2074	46	9	0.01	0.26	29
CO26415+	CO26414	1.74	398 3-	336ACSR	2178	2129	2047	346	2074	46	9	0.01	0.26	22
CO26416+	CO26415	1.85	398 3-	336ACSR	2154	2099	2013	345	2073	46	9	0.02	0.28	42
CO26399+	CO26416	1.92	1 1-	2ACSR	0	0	1983	344	3	0	0	0.00	0.28	0
CO26417+	CO26416	1.91	397 3-	336ACSR	2140	2082	1993	345	2070	46	9	0.01	0.29	24
CO26402+	CO26417	2.03	1 1-	2ACSR	0	0	1943	343	7	0	0	0.00	0.29	0
CO26501+	CO26417	1.95	2 1-	4ACSR	0	0	1976	344	11	0	1	0.00	0.29	0
CO26500+	CO26501	1.98	2 1-	4ACSR	0	0	1959	343	11	0	1	0.00	0.29	0
SW240-A+	CO26500	1.98	0 1-	Open	0	0	1959	343	0	0	0	0.00	0.29	0
CO-330911433+	CO26500	2.07	1 1-	2ACSR	0	0	1921	342	11	0	0	0.00	0.29	0
CO704003164+	CO-330911433	2.12	1 1-	2ACSR	0	0	1902	341	11	0	0	0.00	0.29	0
SW232-A+	CO-330911433	2.07	0 1-	Open	0	0	1921	342	0	0	0	0.00	0.29	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OH233+	CO26417	2.00	393 3-	336ACSR	2122	2061	1968	344	2050	45	9	0.01	0.30	31
OH234+	OH233	2.08	393 3-	336ACSR	2104	2039	1943	344	2049	45	9	0.01	0.31	32
OH235+	OH234	2.13	393 3-	336ACSR	2093	2026	1929	344	2049	45	9	0.01	0.32	19
OH236+	OH235	2.16	393 3-	336ACSR	2088	2020	1922	344	2049	45	9	0.00	0.32	9
CO26354+	OH236	2.19	393 3-	336ACSR	2082	2013	1913	343	2049	45	9	0.00	0.33	12
CO26424+	CO26354	2.20	2 1-	4ACSR	0	0	1906	343	3	0	0	0.00	0.33	0
CO26423+	CO26424	2.50	2 1-	4ACSR	0	0	1768	337	3	0	0	0.00	0.33	0
CO26422+	CO26423	2.53	1 1-	4ACSR	0	0	1758	336	0	0	0	0.00	0.33	0
CO26421+	CO26422	2.60	1 1-	4ACSR	0	0	1726	334	0	0	0	0.00	0.33	0
CO26373+	CO26354	2.22	0 1-	4ACSR	0	0	1895	343	0	0	0	0.00	0.33	0
OH238+	CO26354	2.22	391 3-	336ACSR	2076	2005	1904	343	2046	45	9	0.00	0.33	11
CO26539+	OH238	2.31	1 1-	4ACSR	0	0	1861	341	0	0	0	0.00	0.33	0
CO26352+	CO26539	2.60	1 1-	4ACSR	0	0	1734	335	0	0	0	0.00	0.33	0
SW240-B+	CO26352	2.60	0 1-	Open	0	0	1734	335	0	0	0	0.00	0.33	0
CO26551+	OH238	2.36	390 3-	336ACSR	2046	1971	1865	343	2046	45	9	0.02	0.36	55
OC811+	CO26551	2.36	389 3-	25 H OCR	2046	1971	1865	343	2040	45	183	0.00	0.36	0
CO26550+	OC811	2.37	389 3-	336ACSR	2045	1969	1863	343	2040	45	9	0.00	0.36	2
CO26419+	CO26550	2.39	389 3-	336ACSR	2039	1963	1856	342	2040	45	9	0.00	0.36	9
CO26420+	CO26419	2.43	388 3-	336ACSR	2032	1954	1846	342	2028	45	9	0.01	0.37	14
CO26396+	CO26420	2.54	1 1-	2ACSR	0	0	1806	341	1	0	0	0.00	0.37	0
CO26460+	CO26420	2.51	2 1-	4ACSR	0	0	1813	341	16	1	1	0.00	0.37	0
CO26459+	CO26460	2.56	2 1-	4ACSR	0	0	1788	339	16	1	1	0.00	0.37	0
CO1095957714+	CO26420	2.50	385 3-	336ACSR	2019	1940	1829	342	2011	45	9	0.01	0.38	24
CO-976224559+	CO1095957714	2.64	385 3-	336ACSR	1991	1907	1793	341	2011	45	9	0.02	0.40	52
CO26542+	CO-976224559	2.68	381 3-	336ACSR	1984	1899	1783	341	1975	44	9	0.01	0.40	14
CO26543+	CO26542	2.72	380 3-	336ACSR	1977	1892	1774	341	1963	44	8	0.00	0.41	12
CO-835374848+	CO26543	2.75	379 3-	336ACSR	1970	1884	1765	341	1956	43	8	0.01	0.41	13
CO-1958371091+	CO-835374848	2.92	379 3-	336ACSR	1938	1851	1725	340	1956	43	8	0.02	0.44	59
CO16716+	CO-1958371091	3.01	358 3-	1/0ACSR	1915	1826	1697	339	1798	40	18	0.03	0.47	84
CO16796+	CO16716	3.12	357 3-	1/0ACSR	1889	1798	1666	338	1795	40	18	0.04	0.50	98
CO16797+	CO16796	3.19	357 3-	1/0ACSR	1870	1779	1645	337	1795	40	18	0.03	0.53	70
CO16900+	CO16797	3.22	3 1-	4ACSR	0	0	1635	336	10	0	0	0.00	0.53	0
CO16749+	CO16900	3.25	1 1-	4ACSR	0	0	1626	336	2	0	0	0.00	0.53	0
CO16901+	CO16900	3.29	2 1-	4ACSR	0	0	1610	335	9	0	0	0.00	0.53	0
CO16792+	CO16797	3.46	353 3-	1/0ACSR	1806	1712	1572	334	1774	39	17	0.09	0.62	241
CO16741+	CO16792	3.56	350 3-	1/0ACSR	1782	1687	1545	333	1762	39	17	0.04	0.65	94
CO16892+	CO16741	3.62	349 3-	1/0ACSR	1769	1674	1531	333	1762	39	17	0.02	0.67	51
CO30596+	CO16892	3.68	347 3-	1/0ACSR	1756	1660	1517	332	1741	39	17	0.02	0.69	50
CO26394+	CO30596	3.75	1 1-	4ACSR	0	0	1492	330	0	0	0	0.00	0.69	0
CO26538+	CO30596	3.81	346 3-	1/0ACSR	1727	1632	1484	331	1741	39	17	0.04	0.74	118
CO26537+	CO26538	3.92	346 3-	1/0ACSR	1702	1608	1458	330	1740	39	17	0.04	0.77	99
CO26439+	CO26537	4.02	346 3-	1/0ACSR	1682	1588	1437	329	1740	39	17	0.03	0.81	83
CO26393+	CO26439	4.08	2 1-	4ACSR	0	0	1418	327	10	0	0	0.00	0.81	0
CO26397+	CO26393	4.14	1 1-	2ACSR	0	0	1404	327	10	0	0	0.00	0.81	0
CO26536+	CO26439	4.04	342 3-	1/0ACSR	1679	1584	1433	328	1709	38	17	0.01	0.81	15
CO26535+	CO26536	4.11	342 3-	1/0ACSR	1663	1569	1416	328	1709	38	17	0.03	0.84	65
CO26482+	CO26535	4.17	4 1-	4ACSR	0	0	1399	326	21	1	1	0.00	0.84	0
CO30597+	CO26482	4.36	1 1-	4ACSR	0	0	1346	323	1	0	0	0.00	0.84	0
CO26367+	CO26535	4.15	337 3-	1/0ACSR	1656	1562	1409	327	1683	37	16	0.01	0.85	27
CO26392+	CO26367	4.26	1 1-	4ACSR	0	0	1376	325	6	0	0	0.00	0.85	0
CO26366+	CO26367	4.18	336 3-	1/0ACSR	1648	1555	1400	327	1677	37	16	0.01	0.86	31
CO26391+	CO26366	4.23	2 1-	4ACSR	0	0	1387	326	13	0	1	0.00	0.86	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26365+	CO26366	4.24	334 3-	1/0ACSR	1637	1544	1388	326	1664	37	16	0.02	0.88	46
CO26548+	CO26365	4.25	5 1-	6ACWC	0	0	1387	326	30	1	1	0.00	0.88	0
OC813+	CO26548	4.25	5 1-	10 N FUSE	0	0	1387	326	30	1	20	0.00	0.88	0
CO26549+	OC813	4.35	5 1-	6ACWC	0	0	1360	324	30	1	1	0.00	0.88	0
CO26533+	CO26549	4.60	4 1-	6ACWC	0	0	1292	319	22	1	1	0.01	0.89	0
CO26544+	CO26533	4.74	2 1-	6ACWC	0	0	1256	317	12	0	1	0.00	0.89	0
CO26401+	CO26544	4.86	1 1-	2ACSR	0	0	1232	315	4	0	0	0.00	0.89	0
CO26545+	CO26544	4.78	0 1-	6ACWC	0	0	1246	316	0	0	0	0.00	0.89	0
CO26534+	CO26545	4.87	0 1-	6ACWC	0	0	1227	314	0	0	0	0.00	0.89	0
CO26364+	CO26365	4.33	329 3-	1/0ACSR	1619	1526	1370	325	1634	36	16	0.03	0.91	70
CO26363+	CO26364	4.44	325 3-	1/0ACSR	1599	1506	1348	324	1624	36	16	0.03	0.94	82
CO26385+	CO26363	4.48	3 1-	4ACSR	0	0	1338	324	19	1	1	0.00	0.94	0
CO-524277741+	CO26385	4.76	1 1-	2ACSR	0	0	1275	320	4	0	0	0.00	0.94	0
CO26546+	CO26363	4.44	268 3-	1/0ACSR	1597	1505	1347	324	1332	30	13	0.00	0.94	3
OC817+	CO26546	4.44	268 3-	70 E OCR	1597	1505	1347	324	1332	30	43	0.00	0.94	0
CO26547+	OC817	4.49	268 3-	1/0ACSR	1589	1497	1338	324	1332	30	13	0.01	0.95	22
CO26438+	CO26547	4.52	267 3-	1/0ACSR	1582	1490	1331	324	1332	30	13	0.01	0.96	20
CO26531+	CO26438	4.58	265 3-	1/0ACSR	1571	1479	1320	323	1328	29	13	0.02	0.98	30
CO30599+	CO26531	4.77	264 3-	1/0ACSR	1538	1447	1286	321	1320	29	13	0.05	1.02	93
CO30598+	CO30599	4.81	4 1-	4ACSR	0	0	1275	320	38	2	2	0.00	1.02	0
CO26532+	CO30598	4.88	2 1-	4ACSR	0	0	1258	319	23	1	1	0.00	1.03	0
CO26481+	CO26532	4.95	1 1-	4ACSR	0	0	1242	318	11	0	1	0.00	1.03	0
CO26388+	CO26532	4.93	1 1-	4ACSR	0	0	1246	318	12	0	1	0.00	1.03	0
CO16728+	CO30599	4.85	260 3-	1/0ACSR	1523	1433	1271	320	1281	28	13	0.02	1.04	38
CO16966+	CO16728	4.85	2 1-	4ACSR	0	0	1269	320	1	0	0	0.00	1.04	0
OC516+	CO16966	4.85	2 1-	10 N FUSE	0	0	1269	320	1	0	0	0.00	1.04	0
CO16967+	OC516	5.17	2 1-	4ACSR	0	0	1196	314	1	0	0	0.00	1.04	0
CO16864+	CO16967	5.25	2 1-	4ACSR	0	0	1178	313	1	0	0	0.00	1.04	0
CO16865+	CO16864	5.40	0 1-	4ACSR	0	0	1146	310	0	0	0	0.00	1.04	0
CO16869+	CO16728	4.89	257 3-	1/0ACSR	1517	1427	1264	320	1271	28	12	0.01	1.05	18
CO16868+	CO16869	4.91	256 3-	1/0ACSR	1512	1422	1259	320	1264	28	12	0.01	1.06	13
CO16870+	CO16868	4.95	253 3-	1/0ACSR	1506	1416	1253	319	1260	28	12	0.01	1.07	16
CO16770+	CO16870	5.06	1 1-	4ACSR	0	0	1226	317	5	0	0	0.00	1.07	0
CO16859+	CO16870	4.99	1 1-	4ACSR	0	0	1244	319	14	0	1	0.00	1.07	0
CO16863+	CO16859	5.02	1 1-	4ACSR	0	0	1235	318	14	0	1	0.00	1.07	0
CO16860+	CO16863	5.07	1 1-	4ACSR	0	0	1224	317	14	0	1	0.00	1.07	0
CO16862+	CO16860	5.16	1 1-	4ACSR	0	0	1205	315	14	0	1	0.00	1.07	0
CO16861+	CO16862	5.36	1 1-	4ACSR	0	0	1161	312	14	0	1	0.00	1.07	0
CO16867+	CO16870	4.98	251 3-	1/0ACSR	1501	1412	1248	319	1242	28	12	0.01	1.07	13
CO16866+	CO16867	5.11	251 3-	1/0ACSR	1478	1390	1226	318	1242	28	12	0.03	1.11	59
CO16769+	CO16866	5.27	3 1-	4ACSR	0	0	1190	315	7	0	0	0.00	1.11	0
CO16727+	CO16866	5.41	247 3-	1/0ACSR	1429	1343	1177	315	1221	27	12	0.07	1.18	132
CO16730+	CO16727	5.54	241 3-	1/0ACSR	1409	1324	1157	314	1192	26	12	0.03	1.21	55
CO16729+	CO16730	5.63	237 3-	1/0ACSR	1396	1311	1144	313	1180	26	12	0.02	1.23	35
CO16922+	CO16729	5.72	7 1-	4ACSR	0	0	1127	311	1	0	0	0.00	1.23	0
CO16921+	CO16922	5.82	5 1-	4ACSR	0	0	1107	309	1	0	0	0.00	1.23	0
CO16958+	CO16921	5.90	1 1-	2ACSR	0	0	1094	308	1	0	0	0.00	1.23	0
CO16957+	CO16958	5.94	1 1-	2ACSR	0	0	1087	308	1	0	0	0.00	1.23	0
CO16871+	CO16729	5.74	230 3-	1/0ACSR	1379	1296	1128	312	1178	26	12	0.03	1.25	45
CO16873+	CO16871	5.77	227 3-	1/0ACSR	1375	1292	1124	312	1165	26	11	0.01	1.26	12
CO16872+	CO16873	5.80	227 3-	1/0ACSR	1371	1288	1120	311	1165	26	11	0.01	1.27	11
CO16954+	CO16872	5.85	3 1-	2ACSR	0	0	1112	311	22	1	1	0.00	1.27	0

Substation Power Factor: 0.99
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16952+	CO16954	5.89	1 1-	2ACSR	0	0	1105	310	12	0	0	0.00	1.27	0
CO16953+	CO16952	5.93	1 1-	2ACSR	0	0	1098	310	12	0	0	0.00	1.27	0
CO16956+	CO16953	5.97	0 1-	2ACSR	0	0	1093	309	0	0	0	0.00	1.27	0
CO16955+	CO16956	6.10	0 1-	2ACSR	0	0	1072	307	0	0	0	0.00	1.27	0
CO16771+	CO16872	5.86	1 1-	4ACSR	0	0	1109	310	1	0	0	0.00	1.27	0
CO16875+	CO16872	6.02	223 3-	1/0ACSR	1339	1258	1090	309	1142	25	11	0.05	1.31	83
CO16874+	CO16875	6.08	221 3-	1/0ACSR	1331	1250	1082	309	1133	25	11	0.01	1.33	23
CO16876+	CO16874	6.11	220 3-	1/0ACSR	1327	1246	1078	309	1123	25	11	0.01	1.33	11
CO17252+	CO16876	6.18	73 1-	4ACSR	0	0	1065	307	332	22	16	0.04	1.37	20
XFMR85	CO17252	6.18	72 1-	333 KVA 1PH AUT	0	0	861	171	326	22	96	0.67	2.04	0
CO16673	XFMR85	6.22	72 1-	4ACSR	0	0	853	171	326	44	32	0.08	2.12	43
CO16698	CO16673	6.23	72 1-	4ACSR	0	0	852	170	326	44	32	0.01	2.13	7
OC510	CO16698	6.23	72 1-	50 H OCR	0	0	852	170	326	44	89	0.00	2.13	0
CO16699	OC510	6.29	72 1-	4ACSR	0	0	841	170	326	44	32	0.12	2.26	65
CO16674	CO16699	6.35	69 1-	4ACSR	0	0	829	169	322	43	31	0.13	2.38	66
CO16512	CO16674	6.47	1 1-	4ACSR	0	0	808	168	8	1	1	0.00	2.38	0
CO16482	CO16674	6.42	67 1-	4ACSR	0	0	817	168	312	42	30	0.13	2.51	64
CO16513	CO16482	6.47	3 1-	4ACSR	0	0	808	168	3	0	0	0.00	2.51	0
CO16675	CO16482	6.45	64 1-	4ACSR	0	0	811	168	309	42	30	0.06	2.57	30
CO16676	CO16675	6.55	63 1-	4ACSR	0	0	793	167	308	42	30	0.19	2.76	96
CO16514	CO16676	6.59	1 1-	4ACSR	0	0	787	167	9	1	1	0.00	2.76	0
CO16495	CO16676	6.63	61 1-	4ACSR	0	0	780	166	296	40	29	0.13	2.89	64
CO2041306794	CO16495	6.68	2 1-	2ACSR	0	0	772	166	18	2	1	0.00	2.89	0
CO-685400320	CO2041306794	6.80	2 1-	2ACSR	0	0	755	165	18	2	1	0.01	2.90	0
CO785049355	CO-685400320	6.85	1 1-	2ACSR	0	0	748	165	6	0	0	0.00	2.90	0
CO930784116	CO785049355	6.90	0 1-	2ACSR	0	0	741	164	0	0	0	0.00	2.90	0
CO16677	CO16495	6.66	56 1-	4ACSR	0	0	775	166	261	35	26	0.05	2.94	20
CO16678	CO16677	6.78	56 1-	4ACSR	0	0	753	165	261	35	26	0.20	3.14	85
CO16679	CO16678	6.84	55 1-	4ACSR	0	0	745	164	252	34	25	0.08	3.22	33
CO16686	CO16679	6.91	20 1-	4ACSR	0	0	733	163	104	14	10	0.05	3.27	8
CO16687	CO16686	6.99	20 1-	4ACSR	0	0	721	162	104	14	10	0.05	3.31	8
CO16688	CO16687	7.07	19 1-	4ACSR	0	0	707	162	99	13	10	0.05	3.36	8
CO16689	CO16688	7.13	17 1-	4ACSR	0	0	699	161	92	12	9	0.03	3.39	4
CO16690	CO16689	7.19	14 1-	4ACSR	0	0	689	160	81	11	8	0.03	3.42	4
CO16685	CO16690	7.23	13 1-	4ACSR	0	0	684	160	65	8	6	0.01	3.44	0
CO16684	CO16685	7.28	12 1-	4ACSR	0	0	676	160	64	8	6	0.02	3.46	2
CO16683	CO16684	7.38	12 1-	4ACSR	0	0	661	159	64	8	6	0.04	3.49	4
CO16694	CO16683	7.41	8 1-	4ACSR	0	0	657	158	38	5	4	0.01	3.50	0
CO16695	CO16694	7.48	8 1-	4ACSR	0	0	648	158	38	5	4	0.01	3.52	0
CO16696	CO16695	7.61	6 1-	4ACSR	0	0	631	156	28	3	3	0.02	3.54	0
CO16697	CO16696	7.61	5 1-	4ACSR	0	0	630	156	24	3	2	0.00	3.54	0
CO30602	CO16697	7.66	4 1-	4ACSR	0	0	624	156	21	2	2	0.01	3.54	0
CO-1855246114	CO30602	7.72	1 1-	2ACSR	0	0	618	156	8	1	1	0.00	3.54	0
CO26209	CO30602	7.77	3 1-	4ACSR	0	0	611	155	13	1	1	0.01	3.55	0
CO26195	CO26209	7.86	1 1-	2ACSR	0	0	602	154	6	0	0	0.00	3.55	0
CO26210	CO26209	7.96	2 1-	4ACSR	0	0	587	153	7	1	1	0.01	3.56	0
CO26211	CO26210	8.02	2 1-	4ACSR	0	0	581	153	7	1	1	0.00	3.56	0
CO16692	CO16683	7.44	3 1-	4ACSR	0	0	653	158	17	2	2	0.01	3.50	0
CO16546	CO16692	7.50	1 1-	2ACSR	0	0	646	158	3	0	0	0.00	3.50	0
CO16693	CO16692	7.48	2 1-	4ACSR	0	0	648	158	13	1	1	0.00	3.50	0
CO16691	CO16693	7.52	1 1-	4ACSR	0	0	642	157	5	0	1	0.00	3.50	0
CO16680	CO16679	6.91	34 1-	4ACSR	0	0	734	163	143	19	14	0.06	3.28	14

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16511	CO16680	7.02	1 1-	4ACSR	0	0	715	162	13	1	1	0.00	3.28	0
CO16481	CO16680	7.09	32 1-	4ACSR	0	0	704	161	130	17	13	0.15	3.43	32
CO30601	CO16481	7.24	28 1-	4ACSR	0	0	682	160	110	15	11	0.09	3.52	17
CO26139	CO30601	7.37	23 1-	4ACSR	0	0	663	159	89	12	9	0.07	3.60	11
CO26166	CO26139	7.51	1 1-	4ACSR	0	0	643	157	10	1	1	0.00	3.60	0
CO26138	CO26139	7.43	21 1-	4ACSR	0	0	655	158	76	10	7	0.02	3.62	3
CO26137	CO26138	7.64	16 1-	4ACSR	0	0	627	156	52	7	5	0.07	3.69	6
CO26202	CO26137	7.73	3 1-	4ACSR	0	0	616	155	12	1	1	0.01	3.70	0
CO26167	CO26202	7.75	1 1-	4ACSR	0	0	613	155	10	1	1	0.00	3.70	0
CO26203	CO26202	7.81	1 1-	4ACSR	0	0	605	155	2	0	0	0.00	3.70	0
CO26204	CO26137	7.72	11 1-	4ACSR	0	0	617	155	32	4	3	0.02	3.71	0
CO26205	CO26204	7.87	11 1-	4ACSR	0	0	598	154	32	4	3	0.03	3.73	0
CO26169	CO26205	7.93	6 1-	4ACSR	0	0	591	154	20	2	2	0.00	3.74	0
CO-2125198967	CO26169	8.06	1 1-	2ACSR	0	0	579	153	3	0	0	0.00	3.74	0
CO26206	CO26205	8.00	4 1-	4ACSR	0	0	582	153	9	1	1	0.00	3.74	0
CO26207	CO26206	8.03	1 1-	4ACSR	0	0	579	153	2	0	0	0.00	3.74	0
CO26208	CO26207	8.11	1 1-	4ACSR	0	0	571	152	2	0	0	0.00	3.74	0
CO26168	CO26137	7.81	2 1-	4ACSR	0	0	605	155	8	1	1	0.00	3.69	0
CO26199	CO26138	7.45	3 1-	4ACSR	0	0	653	158	15	2	1	0.00	3.62	0
CO26200	CO26199	7.48	3 1-	4ACSR	0	0	648	158	15	2	1	0.00	3.63	0
CO26201	CO26200	7.54	1 1-	4ACSR	0	0	640	157	8	1	1	0.00	3.63	0
CO26192	CO26138	7.55	1 1-	2ACSR	0	0	642	157	2	0	0	0.00	3.62	0
CO30600	CO30601	7.29	2 1-	4ACSR	0	0	674	159	16	2	2	0.00	3.53	0
CO16681	CO16481	7.20	3 1-	4ACSR	0	0	688	160	11	1	1	0.01	3.44	0
CO16682	CO16681	7.26	1 1-	4ACSR	0	0	680	160	9	1	1	0.00	3.44	0
CO16510	CO16481	7.12	1 1-	4ACSR	0	0	700	161	9	1	1	0.00	3.43	0
CO16528	CO16495	6.67	1 1-	4ACSR	0	0	772	166	8	1	1	0.00	2.89	0
CO16877+	CO16876	6.13	147 3-	1/0ACSR	1324	1244	1076	308	791	17	8	0.00	1.34	3
CO17249+	CO16877	6.22	145 3-	1/0ACSR	1311	1232	1063	307	781	17	8	0.01	1.35	17
CO16518+	CO17249	6.28	1 1-	4ACSR	0	0	1053	306	1	0	0	0.00	1.35	0
CO16487+	CO17249	6.29	144 3-	1/0ACSR	1302	1224	1055	307	780	17	8	0.01	1.36	12
CO16517+	CO16487	6.35	1 1-	4ACSR	0	0	1044	306	8	0	0	0.00	1.36	0
CO16486+	CO16487	6.33	142 3-	1/0ACSR	1296	1218	1049	306	766	17	8	0.01	1.37	8
CO16671+	CO16486	6.41	3 1-	4ACSR	0	0	1036	305	20	1	1	0.00	1.37	0
CO16672+	CO16671	6.46	2 1-	4ACSR	0	0	1027	304	10	0	0	0.00	1.37	0
CO16669+	CO16486	6.44	139 3-	1/0ACSR	1282	1204	1036	305	746	16	7	0.02	1.38	17
CO16670+	CO16669	6.54	139 3-	1/0ACSR	1269	1192	1024	305	746	16	7	0.01	1.40	17
CO16485+	CO16670	6.77	138 3-	1/0ACSR	1241	1165	997	303	740	16	7	0.03	1.43	37
CO16700+	CO16485	6.78	74 1-	4ACSR	0	0	996	302	381	25	19	0.00	1.43	2
OC508+	CO16700	6.78	74 1-	10 N FUSE	0	0	996	302	381	25	259	0.00	1.43	0
CO16701+	OC508	6.83	74 1-	4ACSR	0	0	988	302	381	25	19	0.03	1.46	18
CO16661+	CO16701	6.90	73 1-	4ACSR	0	0	976	300	376	25	18	0.04	1.51	26
CO16526+	CO16661	6.96	1 1-	4ACSR	0	0	968	299	12	0	1	0.00	1.51	0
CO16662+	CO16661	6.92	70 1-	4ACSR	0	0	974	300	362	24	18	0.01	1.52	5
CO16663+	CO16662	6.99	69 1-	4ACSR	0	0	964	299	359	24	17	0.04	1.55	21
CO16664+	CO16663	7.00	67 1-	4ACSR	0	0	961	298	351	23	17	0.01	1.56	5
CO16667+	CO16664	7.07	1 1-	2ACSR	0	0	953	298	11	0	0	0.00	1.56	0
CO16668+	CO16667	7.23	1 1-	2ACSR	0	0	934	296	11	0	0	0.00	1.56	0
CO16665+	CO16664	7.10	66 1-	4ACSR	0	0	947	297	341	23	17	0.05	1.61	28
CO17251+	CO16665	7.14	5 1-	4ACSR	0	0	941	296	45	3	2	0.00	1.61	0
CO-162607518+	CO17251	7.24	3 1-	2ACSR	0	0	929	295	23	1	1	0.00	1.62	0
CO-1767842963+	CO-162607518	7.31	3 1-	2ACSR	0	0	921	294	23	1	1	0.00	1.62	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO55544996+	CO-1767842963	7.38	3 1-	2ACSR	0	0	913	293	23	1	1	0.00	1.62	0
CO-801271943+	CO55544996	7.47	2 1-	2ACSR	0	0	902	292	23	1	1	0.00	1.62	0
CO2142543372+	CO-801271943	7.53	1 1-	2ACSR	0	0	896	292	0	0	0	0.00	1.62	0
CO17250+	CO16665	7.19	58 1-	4ACSR	0	0	933	295	279	19	14	0.04	1.65	18
CO16789+	CO17250	7.22	3 1-	2ACSR	0	0	930	295	17	1	1	0.00	1.65	0
CO16878+	CO17250	7.27	55 1-	4ACSR	0	0	922	294	262	17	13	0.03	1.68	13
CO16731+	CO16878	7.36	52 1-	4ACSR	0	0	910	293	249	17	12	0.03	1.72	13
CO16774+	CO16731	7.43	1 1-	4ACSR	0	0	900	291	11	0	1	0.00	1.72	0
CO16732+	CO16731	7.45	51 1-	4ACSR	0	0	897	291	237	16	12	0.04	1.75	13
XFMR87	CO16732	7.45	51 1-	167 KVA 1PH AUT	0	0	596	165	237	16	140	0.81	2.56	0
CO16742	XFMR87	7.50	51 1-	4ACSR	0	0	592	165	237	32	23	0.07	2.62	26
CO16970	CO16742	7.50	50 1-	4ACSR	0	0	591	165	233	31	23	0.01	2.63	4
OC518	CO16970	7.50	50 1-	50 H OCR	0	0	591	165	233	31	64	0.00	2.63	0
CO16971	OC518	7.60	50 1-	4ACSR	0	0	582	164	233	31	23	0.14	2.77	53
CO16879	CO16971	7.71	50 1-	4ACSR	0	0	573	163	233	31	23	0.15	2.92	57
CO16881	CO16879	8.02	6 1-	4ACSR	0	0	546	160	41	5	4	0.07	2.99	4
CO16880	CO16881	8.06	5 1-	4ACSR	0	0	543	159	31	4	3	0.01	3.00	0
CO16882	CO16880	8.20	4 1-	4ACSR	0	0	532	158	27	3	3	0.02	3.02	0
CO16930	CO16882	8.22	1 1-	4ACSR	0	0	530	158	0	0	0	0.00	3.02	0
CO16929	CO16930	8.26	1 1-	4ACSR	0	0	527	157	0	0	0	0.00	3.02	0
CO16883	CO16882	8.27	3 1-	4ACSR	0	0	525	157	27	3	3	0.01	3.03	0
CO17248	CO16883	8.56	3 1-	4ACSR	0	0	503	154	27	3	3	0.05	3.08	0
CO16392	CO17248	8.69	3 1-	4ACSR	0	0	493	153	27	3	3	0.02	3.10	0
CO16391	CO16392	8.87	1 1-	4ACSR	0	0	480	152	15	2	2	0.01	3.11	0
CO16463	CO16391	8.94	0 1-	4ACSR	0	0	475	151	0	0	0	0.00	3.11	0
#SW505-B	CO16463	8.94	0 1-	Open	0	0	475	151	0	0	0	0.00	3.11	0
CO16733	CO16879	7.81	44 1-	4ACSR	0	0	564	162	192	26	19	0.12	3.04	39
CO16776	CO16733	7.86	1 1-	4ACSR	0	0	559	161	4	0	0	0.00	3.04	0
CO16734	CO16733	7.92	43 1-	4ACSR	0	0	554	161	188	25	18	0.13	3.17	40
CO16735	CO16734	7.99	40 1-	4ACSR	0	0	549	160	172	23	17	0.06	3.24	17
CO16778	CO16735	8.04	2 1-	4ACSR	0	0	545	159	10	1	1	0.00	3.24	0
CO16736	CO16735	8.17	36 1-	4ACSR	0	0	534	158	142	19	14	0.15	3.39	35
CO16936	CO16736	8.23	1 1-	4ACSR	0	0	529	158	2	0	0	0.00	3.39	0
CO16938	CO16936	8.28	1 1-	4ACSR	0	0	525	157	2	0	0	0.00	3.39	0
CO16937	CO16938	8.30	1 1-	4ACSR	0	0	523	157	2	0	0	0.00	3.39	0
CO16932	CO16736	8.24	2 1-	4ACSR	0	0	528	157	8	1	1	0.00	3.39	0
CO16931	CO16932	8.25	2 1-	4ACSR	0	0	527	157	8	1	1	0.00	3.39	0
CO16933	CO16931	8.30	2 1-	4ACSR	0	0	523	157	8	1	1	0.00	3.40	0
CO16935	CO16933	8.36	2 1-	4ACSR	0	0	519	156	8	1	1	0.00	3.40	0
CO16934	CO16935	8.40	2 1-	4ACSR	0	0	515	156	8	1	1	0.00	3.40	0
CO16737	CO16736	8.26	31 1-	4ACSR	0	0	526	157	124	17	12	0.07	3.46	15
CO16940	CO16737	8.31	2 1-	4ACSR	0	0	523	157	10	1	1	0.00	3.46	0
CO16939	CO16940	8.38	2 1-	4ACSR	0	0	517	156	10	1	1	0.00	3.47	0
CO16941	CO16939	8.44	1 1-	4ACSR	0	0	512	156	10	1	1	0.00	3.47	0
CO16738	CO16737	8.36	29 1-	4ACSR	0	0	519	156	114	15	11	0.07	3.53	13
CO16739	CO16738	8.49	28 1-	4ACSR	0	0	508	155	109	14	11	0.09	3.62	16
CO16945	CO16739	8.58	2 1-	4ACSR	0	0	501	154	25	3	2	0.01	3.63	0
CO16944	CO16945	8.63	1 1-	4ACSR	0	0	498	154	13	1	1	0.00	3.63	0
CO16885	CO16739	8.60	26 1-	4ACSR	0	0	500	154	84	11	8	0.06	3.67	8
CO16884	CO16885	8.77	25 1-	4ACSR	0	0	487	152	82	11	8	0.09	3.76	12
CO16780	CO16884	8.83	1 1-	4ACSR	0	0	483	152	0	0	0	0.00	3.76	0
CO16740	CO16884	8.87	24 1-	4ACSR	0	0	480	152	82	11	8	0.05	3.81	7

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16781	CO16740	8.93	2 1-	4ACSR	0	0	476	151	5	0	0	0.00	3.81	0
CO16887	CO16740	9.02	22 1-	4ACSR	0	0	469	150	77	10	8	0.07	3.88	8
CO16886	CO16887	9.06	19 1-	4ACSR	0	0	467	150	67	9	7	0.02	3.89	0
CO16888	CO16886	9.23	18 1-	4ACSR	0	0	455	148	60	8	6	0.06	3.95	6
CO16786	CO16888	9.27	1 1-	4ACSR	0	0	452	148	13	1	1	0.00	3.96	0
CO16782	CO16888	9.29	2 1-	4ACSR	0	0	451	148	0	0	0	0.00	3.95	0
CO16889	CO16888	9.28	14 1-	4ACSR	0	0	452	148	44	6	4	0.01	3.97	0
CO16891	CO16889	9.42	13 1-	4ACSR	0	0	443	147	44	6	4	0.04	4.00	3
CO16949	CO16891	9.48	3 1-	4ACSR	0	0	439	146	12	1	1	0.00	4.01	0
CO16946	CO16949	9.54	2 1-	4ACSR	0	0	435	146	6	0	1	0.00	4.01	0
CO16948	CO16946	9.57	2 1-	4ACSR	0	0	433	146	6	0	1	0.00	4.01	0
CO16947	CO16948	9.60	1 1-	4ACSR	0	0	432	145	0	0	0	0.00	4.01	0
CO16890	CO16891	9.57	7 1-	4ACSR	0	0	433	146	23	3	2	0.02	4.03	0
CO16744	CO16890	9.71	7 1-	4ACSR	0	0	425	144	23	3	2	0.02	4.05	0
CO16790	CO16744	9.80	1 1-	4ACSR	0	0	420	144	8	1	1	0.00	4.05	0
CO16893	CO16744	9.78	6 1-	4ACSR	0	0	421	144	14	1	1	0.01	4.05	0
CO16894	CO16893	9.95	5 1-	4ACSR	0	0	411	143	11	1	1	0.01	4.06	0
CO16743	CO16894	10.10	5 1-	4ACSR	0	0	403	141	11	1	1	0.01	4.07	0
CO16897	CO16743	10.21	4 1-	4ACSR	0	0	396	141	4	0	0	0.00	4.08	0
CO16746	CO16897	10.30	2 1-	4ACSR	0	0	391	140	2	0	0	0.00	4.08	0
CO16898	CO16897	10.26	1 1-	4ACSR	0	0	394	140	2	0	0	0.00	4.08	0
CO16899	CO16898	10.40	0 1-	4ACSR	0	0	387	139	0	0	0	0.00	4.08	0
CO16747	CO16743	10.21	1 1-	4ACSR	0	0	396	141	7	0	1	0.00	4.08	0
CO16745	CO16893	9.79	1 1-	4ACSR	0	0	420	144	3	0	0	0.00	4.05	0
CO16793	CO16890	9.68	0 1-	4ACSR	0	0	427	145	0	0	0	0.00	4.03	0
CO16791	CO16793	9.73	0 1-	4ACSR	0	0	424	144	0	0	0	0.00	4.03	0
CO16795	CO16793	9.89	0 1-	4ACSR	0	0	414	143	0	0	0	0.00	4.03	0
CO16794	CO16795	10.30	0 1-	4ACSR	0	0	391	140	0	0	0	0.00	4.03	0
CO16783	CO16891	9.50	3 1-	4ACSR	0	0	437	146	9	1	1	0.00	4.01	0
CO16779	CO16739	8.66	0 1-	4ACSR	0	0	495	154	0	0	0	0.00	3.62	0
CO16943	CO16738	8.42	1 1-	4ACSR	0	0	514	156	6	0	1	0.00	3.53	0
CO16777	CO16734	7.97	2 1-	4ACSR	0	0	551	160	11	1	1	0.00	3.17	0
CO16775	CO16742	7.59	1 1-	4ACSR	0	0	583	164	4	0	0	0.00	2.62	0
CO16773+	CO16878	7.40	1 1-	4ACSR	0	0	903	292	0	0	0	0.00	1.68	0
CO16772+	CO16878	7.35	1 1-	4ACSR	0	0	911	293	8	0	0	0.00	1.68	0
CO16666+	CO16665	7.14	3 1-	4ACSR	0	0	941	296	17	1	1	0.00	1.61	0
CO16484+	CO16485	6.87	64 3-	4ACSR	1224	1151	982	301	359	8	6	0.02	1.45	9
XFMR89	CO16484	6.87	64 3-	333 KVA 1PH AUT	912	887	836	170	359	8	35	0.23	1.67	0
CO16483	XFMR89	6.96	64 3-	4ACSR	898	872	819	169	359	16	12	0.06	1.73	36
CO16702	CO16483	6.97	14 1-	4ACSR	0	0	817	169	51	6	5	0.00	1.73	0
OC509	CO16702	6.97	14 1-	35 H OCR	0	0	817	169	51	6	20	0.00	1.73	0
CO16703	OC509	7.10	14 1-	4ACSR	0	0	794	168	51	6	5	0.04	1.78	3
CO16654	CO16703	7.19	13 1-	4ACSR	0	0	778	167	51	6	5	0.03	1.81	2
CO16655	CO16654	7.32	11 1-	4ACSR	0	0	757	165	51	6	5	0.04	1.84	3
CO16515	CO16655	7.38	2 1-	4ACSR	0	0	747	165	5	0	0	0.00	1.85	0
CO16656	CO16655	7.54	9 1-	4ACSR	0	0	722	163	46	6	4	0.05	1.90	4
CO16657	CO16656	7.58	8 1-	4ACSR	0	0	716	163	36	4	3	0.01	1.91	0
CO16660	CO16657	7.73	5 1-	4ACSR	0	0	693	161	33	4	3	0.03	1.94	0
CO1125860385	CO16660	7.87	1 1-	2ACSR	0	0	676	160	9	1	1	0.00	1.94	0
CO17203	CO16660	7.87	4 1-	4ACSR	0	0	673	160	25	3	2	0.02	1.96	0
CO16060	CO17203	7.94	1 1-	4ACSR	0	0	662	159	3	0	0	0.00	1.96	0
CO16092	CO17203	7.97	3 1-	4ACSR	0	0	658	159	22	2	2	0.01	1.97	0

Substation Power Factor: 0.99

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16093	CO16092	8.17	3 1-	4ACSR	0	0	632	157	22	2	2	0.02	2.00	0
CO16091	CO16093	8.23	2 1-	4ACSR	0	0	623	156	18	2	2	0.00	2.00	0
CO16658	CO16657	7.73	3 1-	4ACSR	0	0	693	161	3	0	0	0.00	1.91	0
CO16659	CO16658	7.82	2 1-	4ACSR	0	0	679	160	1	0	0	0.00	1.91	0
CO16652	CO16483	7.07	2 1-	4ACSR	0	0	799	168	7	1	1	0.00	1.74	0
CO16653	CO16652	7.10	1 1-	4ACSR	0	0	794	167	0	0	0	0.00	1.74	0
CO16650	CO16483	7.03	48 3-	1/0ACSR	890	863	808	169	300	13	6	0.02	1.75	7
CO16651	CO16650	7.09	45 3-	1/0ACSR	884	856	800	168	271	12	5	0.01	1.76	5
CO16519	CO16651	7.18	3 1-	4ACSR	0	0	786	167	10	1	1	0.00	1.76	0
CO16488	CO16651	7.17	42 3-	1/0ACSR	876	847	789	168	261	11	5	0.02	1.78	6
CO16489	CO16488	7.26	40 3-	1/0ACSR	865	836	776	167	244	11	5	0.02	1.79	7
CO16523	CO16489	7.32	1 1-	4ACSR	0	0	767	167	2	0	0	0.00	1.79	0
CO16522	CO16489	7.34	2 1-	4ACSR	0	0	765	167	22	3	2	0.00	1.80	0
CO16490	CO16489	7.39	36 3-	1/0ACSR	853	822	760	167	216	9	4	0.02	1.81	7
CO16707	CO16490	7.39	0 1-	4ACSR	0	0	759	167	0	0	0	0.00	1.81	0
SW513-A	CO16707	7.39	0 1-	Open	0	0	759	167	0	0	0	0.00	1.81	0
CO16704	CO16490	7.39	36 1-	4ACSR	0	0	759	167	216	29	21	0.01	1.82	3
OC512	CO16704	7.39	36 1-	50 H OCR	0	0	759	167	216	29	59	0.00	1.82	0
CO16705	OC512	7.51	36 1-	4ACSR	0	0	741	165	216	29	21	0.15	1.97	52
CO16623	CO16705	7.57	3 1-	4ACSR	0	0	732	165	16	2	2	0.01	1.98	0
CO16624	CO16623	7.59	3 1-	4ACSR	0	0	729	165	16	2	2	0.00	1.98	0
CO16625	CO16624	7.62	1 1-	4ACSR	0	0	725	164	4	0	0	0.00	1.98	0
CO16626	CO16625	7.73	0 1-	4ACSR	0	0	708	163	0	0	0	0.00	1.98	0
CO16629	CO16705	7.55	31 1-	4ACSR	0	0	735	165	192	26	19	0.04	2.02	14
CO16630	CO16629	7.58	30 1-	4ACSR	0	0	730	165	187	25	18	0.03	2.05	10
CO16628	CO16630	7.62	28 1-	4ACSR	0	0	725	164	170	23	17	0.03	2.09	9
CO16627	CO16628	7.63	27 1-	4ACSR	0	0	722	164	159	21	15	0.02	2.10	5
CO16634	CO16627	7.67	2 1-	4ACSR	0	0	716	164	22	2	2	0.00	2.11	0
CO16635	CO16634	7.68	1 1-	4ACSR	0	0	714	164	7	0	1	0.00	2.11	0
CO16631	CO16627	7.65	25 1-	4ACSR	0	0	720	164	137	18	13	0.01	2.11	0
CO16632	CO16631	7.68	23 1-	4ACSR	0	0	715	164	120	16	12	0.02	2.14	5
CO16633	CO16632	7.72	22 1-	4ACSR	0	0	709	163	110	14	11	0.02	2.16	4
CO16527	CO16633	7.80	1 1-	4ACSR	0	0	698	163	4	0	0	0.00	2.16	0
CO16491	CO16633	8.06	19 1-	4ACSR	0	0	661	160	94	12	9	0.19	2.36	30
CO16639	CO16491	8.18	13 1-	4ACSR	0	0	645	159	60	8	6	0.04	2.40	4
CO16544	CO16639	8.24	1 1-	2ACSR	0	0	638	158	8	1	1	0.00	2.40	0
CO16640	CO16639	8.29	12 1-	4ACSR	0	0	631	158	52	7	5	0.03	2.43	3
CO16642	CO16640	8.36	3 1-	4ACSR	0	0	621	157	11	1	1	0.00	2.44	0
CO16643	CO16642	8.40	2 1-	4ACSR	0	0	617	157	3	0	0	0.00	2.44	0
CO16641	CO16643	8.44	2 1-	4ACSR	0	0	612	156	3	0	0	0.00	2.44	0
CO16492	CO16640	8.50	8 1-	4ACSR	0	0	605	156	41	5	4	0.05	2.49	3
CO16648	CO16492	8.55	5 1-	4ACSR	0	0	598	155	21	2	2	0.01	2.49	0
CO16649	CO16648	8.78	2 1-	4ACSR	0	0	572	153	17	2	2	0.01	2.51	0
CO449185838	CO16649	8.85	1 1-	2ACSR	0	0	566	153	3	0	0	0.00	2.51	0
CO16545	CO16648	8.58	1 1-	2ACSR	0	0	596	155	3	0	0	0.00	2.49	0
CO16644	CO16492	8.76	3 1-	4ACSR	0	0	575	153	20	2	2	0.03	2.52	0
CO16645	CO16644	8.86	2 1-	4ACSR	0	0	564	152	20	2	2	0.01	2.53	0
CO16646	CO16645	8.93	1 1-	4ACSR	0	0	557	152	8	1	1	0.00	2.53	0
CO16647	CO16646	8.96	1 1-	4ACSR	0	0	553	152	8	1	1	0.00	2.53	0
CO16524	CO16640	8.36	0 1-	4ACSR	0	0	621	157	0	0	0	0.00	2.43	0
CO16493	CO16491	8.14	6 1-	4ACSR	0	0	649	159	34	4	3	0.02	2.37	0
CO16525	CO16493	8.47	1 1-	4ACSR	0	0	609	156	0	0	0	0.00	2.37	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16637	CO16493	8.21	4 1-	4ACSR	0	0	641	158	31	4	3	0.01	2.38	0
CO16638	CO16637	8.25	2 1-	4ACSR	0	0	635	158	18	2	2	0.00	2.39	0
CO16636	CO16638	8.30	2 1-	4ACSR	0	0	630	158	18	2	2	0.00	2.39	0
CO16521	CO16488	7.23	1 1-	4ACSR	0	0	780	167	6	0	1	0.00	1.78	0
CO16520	CO16488	7.27	1 1-	4ACSR	0	0	773	167	11	1	1	0.00	1.78	0
CO16516+	CO16670	6.67	1 1-	4ACSR	0	0	1003	302	6	0	0	0.00	1.40	0
CO16923+	CO16730	5.60	3 1-	4ACSR	0	0	1145	313	9	0	0	0.00	1.21	0
CO16925+	CO16923	5.64	3 1-	4ACSR	0	0	1137	312	9	0	0	0.00	1.21	0
CO16924+	CO16925	5.69	1 1-	4ACSR	0	0	1128	311	6	0	0	0.00	1.21	0
CO16926+	CO16727	5.50	6 1-	4ACSR	0	0	1159	313	28	1	1	0.00	1.18	0
CO16928+	CO16926	5.60	5 1-	4ACSR	0	0	1138	312	25	1	1	0.00	1.18	0
CO16927+	CO16928	5.66	3 1-	4ACSR	0	0	1126	310	21	1	1	0.00	1.19	0
CO16920+	CO30599	4.86	0 1-	4ACSR	0	0	1262	319	0	0	0	0.00	1.02	0
CO16919+	CO16920	4.92	0 1-	4ACSR	0	0	1249	318	0	0	0	0.00	1.02	0
CO26387+	CO26438	4.58	1 1-	4ACSR	0	0	1317	323	3	0	0	0.00	0.96	0
CO26386+	CO26438	4.68	1 1-	4ACSR	0	0	1292	321	1	0	0	0.00	0.96	0
CO26530+	CO26363	4.55	54 3-	1/0ACSR	1577	1485	1326	323	272	6	3	0.01	0.94	2
CO26529+	CO26530	4.67	51 3-	1/0ACSR	1556	1465	1304	322	268	6	3	0.01	0.95	2
CO26525+	CO26529	4.72	50 3-	1/0ACSR	1546	1455	1294	322	257	5	3	0.00	0.95	0
CO26480+	CO26525	4.81	9 1-	4ACSR	0	0	1272	320	44	2	2	0.01	0.96	0
CO26526+	CO26480	4.83	6 1-	4ACSR	0	0	1267	320	42	2	2	0.00	0.96	0
CO26527+	CO26526	4.85	3 1-	4ACSR	0	0	1262	319	22	1	1	0.00	0.96	0
CO26528+	CO26527	4.92	1 1-	4ACSR	0	0	1245	318	12	0	1	0.00	0.96	0
CO26524+	CO26525	4.76	40 3-	1/0ACSR	1540	1449	1288	321	213	4	2	0.00	0.95	0
CO26523+	CO26524	4.78	38 3-	1/0ACSR	1534	1444	1282	321	198	4	2	0.00	0.96	0
CO26522+	CO26523	4.83	36 3-	1/0ACSR	1527	1437	1275	321	186	4	2	0.00	0.96	0
CO26359+	CO26522	4.95	31 3-	1/0ACSR	1506	1416	1253	319	177	3	2	0.00	0.96	0
CO26360+	CO26359	5.01	28 3-	1/0ACSR	1495	1406	1243	319	143	3	1	0.00	0.96	0
CO26361+	CO26360	5.07	26 3-	1/0ACSR	1486	1397	1233	318	125	2	1	0.00	0.96	0
CO26383+	CO26361	5.14	0 1-	4ACSR	0	0	1215	317	0	0	0	0.00	0.96	0
CO26521+	CO26361	5.19	26 3-	1/0ACSR	1466	1378	1213	317	125	2	1	0.00	0.97	0
CO26520+	CO26521	5.23	26 3-	1/0ACSR	1459	1372	1206	317	125	2	1	0.00	0.97	0
CO26519+	CO26520	5.27	24 3-	1/0ACSR	1453	1366	1200	316	114	2	1	0.00	0.97	0
CO26436+	CO26519	5.38	21 3-	1/0ACSR	1434	1348	1181	315	104	2	1	0.00	0.97	0
CO26437+	CO26436	5.46	21 3-	1/0ACSR	1422	1336	1170	315	104	2	1	0.00	0.97	0
CO26362+	CO26437	5.50	19 3-	1/0ACSR	1416	1331	1164	314	97	2	1	0.00	0.97	0
CO26469+	CO26362	5.63	4 1-	4ACSR	0	0	1137	312	22	1	1	0.00	0.98	0
CO26382+	CO26469	5.71	1 1-	4ACSR	0	0	1120	310	8	0	0	0.00	0.98	0
CO26381+	CO26469	5.66	2 1-	4ACSR	0	0	1130	311	12	0	1	0.00	0.98	0
CO26468+	CO26469	5.71	1 1-	4ACSR	0	0	1121	310	2	0	0	0.00	0.98	0
CO26518+	CO26362	5.64	15 3-	1/0ACSR	1393	1309	1142	313	75	1	1	0.00	0.98	0
CO30383+	CO26518	6.07	15 3-	1/0ACSR	1333	1252	1084	309	75	1	1	0.01	0.98	0
CO26214+	CO30383	6.08	14 3-	1/0ACSR	1330	1249	1081	309	72	1	1	0.00	0.98	0
CO26212+	CO26214	6.18	2 1-	4ACSR	0	0	1064	307	13	0	1	0.00	0.98	0
CO26213+	CO26212	6.28	1 1-	4ACSR	0	0	1045	305	8	0	0	0.00	0.98	0
CO26216+	CO26214	6.18	11 3-	1/0ACSR	1317	1237	1069	308	58	1	1	0.00	0.98	0
CO26215+	CO26216	6.41	11 3-	1/0ACSR	1287	1209	1040	306	58	1	1	0.00	0.98	0
CO26217+	CO26215	6.42	1 1-	4ACSR	0	0	1038	306	8	0	0	0.00	0.98	0
CO26218+	CO26217	6.44	0 1-	4ACSR	0	0	1034	305	0	0	0	0.00	0.98	0
CO26134+	CO26215	6.48	10 3-	1/0ACSR	1277	1199	1031	305	50	1	0	0.00	0.99	0
CO26133+	CO26134	6.60	8 3-	1/0ACSR	1262	1186	1018	304	41	0	0	0.00	0.99	0
CO26198+	CO26133	6.78	1 1-	4ACSR	0	0	988	301	9	0	0	0.00	0.99	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26135+	CO26133	6.69	7 3-	4ACSR	1245	1171	1002	302	32	0	1	0.00	0.99	0
CO26136+	CO26135	6.84	3 1-	4ACSR	0	0	978	300	25	1	1	0.01	0.99	0
CO26164+	CO26136	6.92	2 1-	4ACSR	0	0	966	298	14	0	1	0.00	0.99	0
CO26163+	CO26136	7.05	1 1-	4ACSR	0	0	946	296	11	0	1	0.00	0.99	0
CO26221+	CO26135	6.79	1 1-	4ACSR	0	0	987	301	2	0	0	0.00	0.99	0
CO26222+	CO26221	7.01	1 1-	4ACSR	0	0	952	297	2	0	0	0.00	0.99	0
CO26223+	CO26222	7.11	1 1-	4ACSR	0	0	938	295	2	0	0	0.00	0.99	0
CO-1978532683+	CO26223	7.18	1 1-	4ACSR	0	0	927	294	2	0	0	0.00	0.99	0
CO26224+	CO26133	7.06	0 3-	1/0ACSR	1206	1133	966	300	0	0	0	0.00	0.99	0
CO26325+	CO26224	7.17	0 3-	1/0ACSR	1194	1122	955	299	0	0	0	0.00	0.99	0
SW178-B+	CO26325	7.17	0 3-	Open	1194	1122	955	299	0	0	0	0.00	0.99	0
CO26219+	CO26134	6.52	1 1-	4ACSR	0	0	1025	304	9	0	0	0.00	0.99	0
CO26220+	CO26219	6.57	1 1-	4ACSR	0	0	1017	304	9	0	0	0.00	0.99	0
CO26165+	CO26134	6.55	1 1-	4ACSR	0	0	1019	304	0	0	0	0.00	0.99	0
CO26472+	CO26437	5.51	2 1-	4ACSR	0	0	1160	314	7	0	0	0.00	0.97	0
CO26471+	CO26472	5.55	1 1-	4ACSR	0	0	1151	313	7	0	0	0.00	0.97	0
CO26470+	CO26471	5.70	1 1-	4ACSR	0	0	1120	310	7	0	0	0.00	0.97	0
CO26474+	CO26519	5.32	2 1-	4ACSR	0	0	1188	315	11	0	1	0.00	0.97	0
CO26473+	CO26474	5.38	2 1-	4ACSR	0	0	1175	314	11	0	1	0.00	0.97	0
CO26384+	CO26360	5.09	1 1-	4ACSR	0	0	1225	317	10	0	0	0.00	0.96	0
CO26476+	CO26359	5.02	1 1-	4ACSR	0	0	1235	318	8	0	0	0.00	0.96	0
CO26475+	CO26476	5.06	1 1-	4ACSR	0	0	1226	317	8	0	0	0.00	0.96	0
CO26479+	CO26522	4.87	4 1-	4ACSR	0	0	1263	320	1	0	0	0.00	0.96	0
CO26478+	CO26479	4.94	4 1-	4ACSR	0	0	1247	318	1	0	0	0.00	0.96	0
CO26477+	CO26478	5.00	1 1-	4ACSR	0	0	1233	317	0	0	0	0.00	0.96	0
CO26390+	CO26364	4.36	2 1-	4ACSR	0	0	1362	325	1	0	0	0.00	0.91	0
CO26389+	CO26364	4.37	1 1-	4ACSR	0	0	1359	325	8	0	0	0.00	0.91	0
CO16785+	CO16741	3.63	1 1-	4ACSR	0	0	1523	332	0	0	0	0.00	0.65	0
CO16748+	CO16716	3.05	0 1-	4ACSR	0	0	1685	338	0	0	0	0.00	0.47	0
CO16717+	CO-1958371091	2.99	21 3-	1/0ACSR	1922	1834	1706	339	158	3	2	0.00	0.44	0
CO16903+	CO16717	3.05	2 1-	4ACSR	0	0	1680	338	16	1	1	0.00	0.44	0
CO16902+	CO16903	3.08	1 1-	4ACSR	0	0	1670	337	11	0	1	0.00	0.44	0
CO16750+	CO16903	3.11	1 1-	4ACSR	0	0	1659	337	5	0	0	0.00	0.44	0
CO16798+	CO16717	3.00	19 3-	1/0ACSR	1920	1831	1703	339	142	3	1	0.00	0.44	0
CO16800+	CO16798	3.01	17 3-	1/0ACSR	1916	1827	1698	339	127	2	1	0.00	0.44	0
CO16799+	CO16800	3.08	17 3-	1/0ACSR	1898	1808	1678	338	127	2	1	0.00	0.44	0
CO16751+	CO16799	3.11	3 1-	4ACSR	0	0	1667	338	19	1	1	0.00	0.44	0
CO16718+	CO16799	3.18	14 3-	1/0ACSR	1874	1784	1650	337	108	2	1	0.00	0.44	0
CO16802+	CO16718	3.18	11 3-	1/0ACSR	1873	1782	1649	337	71	1	1	0.00	0.44	0
CO1346362530+	CO16802	3.32	0 3-	1/0ACSR	1839	1746	1609	336	0	0	0	0.00	0.44	0
CO16801+	CO16802	3.25	10 3-	1/0ACSR	1855	1763	1628	336	71	1	1	0.00	0.44	0
CO16719+	CO16801	3.35	8 3-	1/0ACSR	1832	1739	1602	335	64	1	1	0.00	0.44	0
CO16720+	CO16719	3.59	4 3-	1/0ACSR	1777	1682	1540	333	39	0	0	0.00	0.45	0
CO16804+	CO16720	3.74	2 3-	1/0ACSR	1743	1646	1502	331	21	0	0	0.00	0.45	0
CO16803+	CO16804	3.83	0 3-	1/0ACSR	1722	1627	1479	330	0	0	0	0.00	0.45	0
CO16975+	CO16803	3.84	0 1-	6ACWC	0	0	1477	330	0	0	0	0.00	0.45	0
SW524-A+	CO16975	3.84	0 1-	Open	0	0	1477	330	0	0	0	0.00	0.45	0
CO16721+	CO16803	3.88	0 3-	1/0ACSR	1713	1618	1469	330	0	0	0	0.00	0.45	0
CO16752+	CO16721	3.91	0 1-	4ACSR	0	0	1460	329	0	0	0	0.00	0.45	0
CO16805+	CO16721	3.98	0 3-	1/0ACSR	1691	1596	1445	329	0	0	0	0.00	0.45	0
CO16807+	CO16805	4.08	0 3-	1/0ACSR	1669	1575	1422	328	0	0	0	0.00	0.45	0
SW179-A1+	CO16807	4.08	0 3-	Open	1669	1575	1422	328	0	0	0	0.00	0.45	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16787+	CO16720	3.67	1 1-	2ACSR	0	0	1516	332	8	0	0	0.00	0.45	0
CO16753+	CO16720	3.64	0 1-	4ACSR	0	0	1521	332	0	0	0	0.00	0.45	0
CO16911+	CO16719	3.42	2 1-	4ACSR	0	0	1577	334	18	1	1	0.00	0.45	0
CO16910+	CO16911	3.48	1 1-	4ACSR	0	0	1557	333	6	0	0	0.00	0.45	0
CO16754+	CO16801	3.31	2 1-	4ACSR	0	0	1607	335	7	0	0	0.00	0.44	0
CO16788+	CO16802	3.21	1 1-	4ACSR	0	0	1640	337	0	0	0	0.00	0.44	0
CO16909+	CO16718	3.21	0 3-	2ACSR	1865	1773	1639	337	0	0	0	0.00	0.44	0
CO16908+	CO16909	3.23	0 3-	2ACSR	1859	1767	1632	336	0	0	0	0.00	0.44	0
CO16907+	CO16718	3.27	0 3-	2ACSR	1848	1756	1620	336	0	0	0	0.00	0.44	0
CO16906+	CO16907	3.29	0 3-	2ACSR	1843	1750	1614	336	0	0	0	0.00	0.44	0
CO16905+	CO16718	3.29	3 1-	4ACSR	0	0	1609	335	38	2	2	0.00	0.45	0
CO16904+	CO16905	3.37	1 1-	4ACSR	0	0	1578	333	13	0	1	0.00	0.45	0
CO-241663545+	CO-835374848	2.81	0 1-	2ACSR	0	0	1745	340	0	0	0	0.00	0.41	0
CO26540+	CO-976224559	2.81	3 1-	4ACSR	0	0	1724	338	34	2	2	0.01	0.40	0
CO26541+	CO26540	2.87	2 1-	4ACSR	0	0	1699	336	21	1	1	0.00	0.40	0
CO26461+	CO26541	2.96	1 1-	4ACSR	0	0	1663	334	9	0	0	0.00	0.40	0
CO26371+	CO-976224559	2.85	1 1-	4ACSR	0	0	1707	337	1	0	0	0.00	0.40	0
CO-1382980943+	CO1095957714	2.60	0 1-	2ACSR	0	0	1791	340	0	0	0	0.00	0.38	0
CO26490+	CO26414	1.71	2 1-	2ACSR	0	0	2056	345	0	0	0	0.00	0.26	0
CO26489+	CO26490	1.76	1 1-	2ACSR	0	0	2030	345	0	0	0	0.00	0.26	0
CO26488+	CO26489	1.82	1 1-	2ACSR	0	0	2003	344	0	0	0	0.00	0.26	0
CO26487+	CO26488	1.97	1 1-	2ACSR	0	0	1935	341	0	0	0	0.00	0.26	0
CO26398+	CO26487	2.00	1 1-	1/0PRIURD	0	0	1926	795	0	0	0	0.00	0.26	0
CO26492+	CO26398	2.04	1 1-	2ACSR	0	0	1906	341	0	0	0	0.00	0.26	0
CO26491+	CO26492	2.20	0 1-	2ACSR	0	0	1838	338	0	0	0	0.00	0.26	0
CO26400+	CO26426	1.55	1 1-	4ACSR	0	0	2102	346	1	0	0	0.00	0.23	0
CO26463+	CO26426	1.59	2 1-	4ACSR	0	0	2076	345	9	0	0	0.00	0.23	0
CO26462+	CO26463	1.63	0 1-	4ACSR	0	0	2052	344	0	0	0	0.00	0.23	0
OH184+	OH181	0.03	233 3-	336ACSR	2651	2813	2797	354	2184	48	9	0.00	0.00	6
BLUE LICKS+	OH184	0.03	233 3-	560 200WVE	2651	2813	2797	354	2184	48	9	0.00	0.00	0
OH189+	BLUE LICKS	0.05	233 3-	336ACSR	2645	2802	2786	354	2184	48	9	0.00	0.01	8
OH190+	OH189	0.06	233 3-	336ACSR	2642	2796	2780	353	2184	48	9	0.00	0.01	4
CO25140+	OH190	0.10	233 3-	336ACSR	2626	2770	2753	353	2184	48	9	0.01	0.01	20
CO25041+	CO25140	0.13	0 1-	4ACSR	0	0	2728	353	0	0	0	0.00	0.01	0
CO24999+	CO25140	0.13	232 3-	336ACSR	2616	2753	2735	353	2181	48	9	0.00	0.02	13
CO24998+	CO24999	0.22	232 3-	336ACSR	2587	2705	2685	353	2181	48	9	0.01	0.03	37
CO25203+	CO24998	0.23	1 1-	4ACSR	0	0	2679	353	21	1	1	0.00	0.03	0
OC753+	CO25203	0.23	1 1-	10 H OCR	0	0	2679	353	21	1	14	0.00	0.03	0
CO25204+	OC753	0.28	1 1-	4ACSR	0	0	2637	351	21	1	1	0.00	0.03	0
CO30352+	CO24998	0.30	231 3-	336ACSR	2562	2664	2642	352	2160	47	9	0.01	0.04	32
CO26495+	CO30352	0.36	231 3-	336ACSR	2546	2638	2614	352	2160	47	9	0.01	0.04	21
CO26494+	CO26495	0.48	231 3-	1/0ACSR	2494	2560	2534	351	2160	47	21	0.04	0.08	160
CO26493+	CO26494	0.60	231 3-	1/0ACSR	2443	2487	2457	349	2159	47	21	0.04	0.13	160
CO26403+	CO26493	0.67	1 1-	2ACSR	0	0	2411	348	0	0	0	0.00	0.13	0
CO30594+	CO26493	0.74	229 3-	1/0ACSR	2390	2413	2379	348	2151	47	21	0.05	0.18	171
CO16857+	CO30594	0.82	227 3-	1/0ACSR	2357	2369	2330	347	2132	47	20	0.03	0.21	108
CO16858+	CO16857	1.18	226 3-	1/0ACSR	2225	2200	2144	343	2121	46	20	0.13	0.33	453
CO16856+	CO16858	1.22	226 3-	1/0ACSR	2212	2184	2125	343	2119	46	20	0.01	0.34	48
CO16726+	CO16856	1.38	226 3-	1/0ACSR	2157	2118	2051	341	2119	46	20	0.06	0.40	203
CO16854+	CO16726	1.52	224 3-	1/0ACSR	2110	2063	1989	340	2115	46	20	0.05	0.45	178
CO30674+	CO16854	1.65	224 3-	1/0ACSR	2068	2015	1934	338	2114	46	20	0.05	0.50	168

Substation Power Factor: 0.99
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16852+	CO30674	1.72	223 3-	1/0ACSR	2047	1992	1908	338	2106	47	21	0.03	0.52	85
CO16853+	CO16852	1.85	223 3-	1/0ACSR	2007	1947	1857	336	2106	47	21	0.05	0.57	169
CO16765+	CO16853	1.92	1 1-	4ACSR	0	0	1827	335	9	0	0	0.00	0.57	0
CO16965+	CO16853	1.98	222 3-	1/0ACSR	1970	1906	1811	335	2096	46	20	0.05	0.62	160
CO16964+	CO16965	1.99	222 3-	1/0ACSR	1968	1904	1809	335	2095	46	20	0.00	0.63	8
CO16808+	CO16964	2.24	31 3-	1/0ACSR	1897	1828	1722	333	441	9	4	0.02	0.65	14
CO16809+	CO16808	2.30	31 3-	1/0ACSR	1882	1812	1704	332	441	9	4	0.00	0.65	3
CO16811+	CO16809	2.41	31 3-	1/0ACSR	1852	1780	1668	331	441	9	4	0.01	0.66	6
CO16810+	CO16811	2.55	29 3-	1/0ACSR	1815	1742	1625	329	431	9	4	0.01	0.67	8
CO16722+	CO16810	2.63	0 3-	1/0ACSR	1797	1723	1603	329	0	0	0	0.00	0.67	0
CO16806+	CO16722	2.80	0 3-	1/0ACSR	1755	1680	1556	327	0	0	0	0.00	0.67	0
SW179-B1+	CO16806	2.80	0 3-	Open	1755	1680	1556	327	0	0	0	0.00	0.67	0
CO16972+	CO16810	2.56	29 3-	1/0ACSR	1814	1740	1623	329	431	9	4	0.00	0.67	0
OC522+	CO16972	2.56	29 3-	25 H OCR	1814	1740	1623	329	431	9	39	0.00	0.67	0
CO16973+	OC522	2.68	29 3-	1/0ACSR	1785	1711	1590	328	431	9	4	0.01	0.68	6
CO16813+	CO16973	2.87	29 3-	1/0ACSR	1740	1665	1539	326	431	9	4	0.02	0.70	10
CO16812+	CO16813	3.00	29 3-	1/0ACSR	1710	1634	1504	325	431	9	4	0.01	0.71	7
CO16724+	CO16812	3.05	9 3-	4ACSR	1693	1618	1486	324	331	7	5	0.01	0.72	4
CO16913+	CO16724	3.09	3 1-	4ACSR	0	0	1474	323	14	0	1	0.00	0.72	0
CO16912+	CO16913	3.11	1 1-	4ACSR	0	0	1467	323	10	0	0	0.00	0.72	0
CO16825+	CO16724	3.14	6 3-	4ACSR	1663	1590	1454	322	317	7	5	0.01	0.73	7
CO16828+	CO16825	3.20	5 3-	4ACSR	1645	1573	1435	321	317	7	5	0.01	0.74	4
CO16826+	CO16828	3.40	5 3-	4ACSR	1584	1516	1372	317	317	7	5	0.03	0.77	15
CO16827+	CO16826	3.55	5 3-	4ACSR	1539	1474	1327	314	317	7	5	0.02	0.79	11
CO16824+	CO16827	3.59	5 3-	4ACSR	1528	1464	1315	314	317	7	5	0.01	0.79	3
CO16823+	CO16824	3.79	5 3-	4ACSR	1472	1413	1261	310	317	7	5	0.03	0.82	14
CO16758+	CO16823	3.83	2 1-	4ACSR	0	0	1249	309	7	0	0	0.00	0.82	0
CO16896+	CO16823	3.90	3 3-	4/0ACSR	1457	1397	1244	309	309	6	2	0.00	0.82	0
CO16959+	CO16896	3.95	1 1-	2ACSR	0	0	1234	309	6	0	0	0.00	0.82	0
CO16963+	CO16959	3.99	1 1-	2ACSR	0	0	1226	308	6	0	0	0.00	0.82	0
CO16960+	CO16963	4.05	1 1-	2ACSR	0	0	1213	308	6	0	0	0.00	0.82	0
CO16962+	CO16960	4.18	1 1-	2ACSR	0	0	1187	306	6	0	0	0.00	0.83	0
CO16961+	CO16962	4.24	1 1-	2ACSR	0	0	1176	305	6	0	0	0.00	0.83	0
CO16895+	CO16896	3.97	2 3-	4/0ACSR	1448	1388	1235	309	304	6	2	0.00	0.83	0
250552023+	CO16895	4.02	1 3-	4/0ACSR	1442	1382	1228	309	297	6	2	0.00	0.83	0
CO16757+	CO16895	3.99	1 1-	4ACSR	0	0	1230	309	6	0	0	0.00	0.83	0
CO16830+	CO16812	3.10	8 1-	1/0ACSR	0	0	1478	324	49	3	1	0.00	0.71	0
CO16829+	CO16830	3.15	7 1-	1/0ACSR	0	0	1466	324	46	3	1	0.00	0.72	0
CO1334882040+	CO16829	3.20	1 1-	2ACSR	0	0	1453	323	2	0	0	0.00	0.72	0
CO16760+	CO16829	3.24	2 1-	4ACSR	0	0	1436	322	6	0	0	0.00	0.72	0
CO16831+	CO16829	3.27	4 1-	1/0ACSR	0	0	1439	323	38	2	1	0.00	0.72	0
CO16833+	CO16831	3.29	4 1-	1/0ACSR	0	0	1435	322	38	2	1	0.00	0.72	0
CO16832+	CO16833	3.34	3 1-	1/0ACSR	0	0	1422	322	27	1	1	0.00	0.72	0
CO16761+	CO16832	3.38	2 1-	4ACSR	0	0	1410	321	19	1	1	0.00	0.72	0
CO16836+	CO16832	3.42	1 1-	1/0ACSR	0	0	1405	321	8	0	0	0.00	0.72	0
CO16835+	CO16836	3.52	1 1-	1/0ACSR	0	0	1383	320	8	0	0	0.00	0.72	0
CO16834+	CO16835	3.55	0 1-	1/0ACSR	0	0	1376	320	0	0	0	0.00	0.72	0
CO16976+	CO16834	3.68	0 1-	1/0ACSR	0	0	1349	319	0	0	0	0.00	0.72	0
SW525-B+	CO16976	3.68	0 1-	Open	0	0	1349	319	0	0	0	0.00	0.72	0
CO16815+	CO16812	3.02	12 1-	6ACWC	0	0	1496	325	50	3	2	0.00	0.71	0
CO16814+	CO16815	3.06	12 1-	6ACWC	0	0	1483	324	50	3	2	0.00	0.71	0
CO16759+	CO16814	3.08	0 1-	4ACSR	0	0	1476	324	0	0	0	0.00	0.71	0

Substation Power Factor: 0.99

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16818+	CO16814	3.11	12 1-	6ACWC	0	0	1466	323	50	3	2	0.00	0.72	0
CO16819+	CO16818	3.16	11 1-	6ACWC	0	0	1448	322	48	3	2	0.00	0.72	0
CO-1823165757+	CO16819	3.21	10 1-	2ACSR	0	0	1435	321	37	2	1	0.00	0.72	0
CO-626540091+	CO-1823165757	3.34	8 1-	2ACSR	0	0	1400	319	27	1	1	0.00	0.73	0
CO16816+	CO-626540091	3.36	8 1-	6ACWC	0	0	1394	319	27	1	1	0.00	0.73	0
CO16723+	CO16816	3.42	5 1-	6ACWC	0	0	1376	318	13	0	1	0.00	0.73	0
CO16755+	CO16723	3.51	3 1-	6ACWC	0	0	1348	316	10	0	1	0.00	0.73	0
CO16822+	CO16723	3.55	2 1-	6ACWC	0	0	1338	316	3	0	0	0.00	0.73	0
CO16820+	CO16822	3.57	0 1-	6ACWC	0	0	1333	315	0	0	0	0.00	0.73	0
CO16821+	CO16820	3.70	0 1-	6ACWC	0	0	1294	313	0	0	0	0.00	0.73	0
CO16974+	CO16821	3.73	0 1-	6ACWC	0	0	1287	312	0	0	0	0.00	0.73	0
SW524-B+	CO16974	3.73	0 1-	Open	0	0	1287	312	0	0	0	0.00	0.73	0
CO16756+	CO16816	3.47	1 1-	6ACWC	0	0	1361	317	4	0	0	0.00	0.73	0
CO-1657767409+	CO-1823165757	3.25	2 1-	2ACSR	0	0	1425	321	10	0	0	0.00	0.72	0
CO-385362941+	CO-1657767409	3.27	1 1-	2ACSR	0	0	1419	320	8	0	0	0.00	0.72	0
CO-998353101+	CO-385362941	3.30	1 1-	2ACSR	0	0	1411	320	8	0	0	0.00	0.72	0
CO16725+	CO16964	2.01	191 3-	1/0ACSR	1962	1897	1801	335	1654	37	16	0.01	0.63	18
CO16763+	CO16725	2.10	3 1-	4ACSR	0	0	1756	333	72	4	3	0.01	0.64	0
CO16850+	CO16725	2.03	6 1-	4ACSR	0	0	1792	334	35	2	2	0.00	0.63	0
CO16849+	CO16850	2.06	6 1-	4ACSR	0	0	1776	334	35	2	2	0.00	0.64	0
CO16764+	CO16849	2.18	0 1-	4ACSR	0	0	1720	331	0	0	0	0.00	0.64	0
CO16851+	CO16849	2.11	6 1-	4ACSR	0	0	1751	333	35	2	2	0.00	0.64	0
CO17240+	CO16851	2.25	5 1-	4ACSR	0	0	1690	330	35	2	2	0.01	0.65	0
CO14724+	CO17240	2.35	5 1-	4ACSR	0	0	1648	328	35	2	2	0.01	0.65	0
CO14734+	CO14724	2.41	1 1-	4ACSR	0	0	1624	327	9	0	0	0.00	0.65	0
CO14723+	CO14724	2.41	4 1-	4ACSR	0	0	1624	327	26	1	1	0.00	0.65	0
CO14748+	CO14723	2.44	1 1-	1/0PRIURD	0	0	1615	716	13	0	1	0.00	0.65	0
CO14747+	CO14723	2.46	2 1-	1/0PRIURD	0	0	1610	715	12	0	1	0.00	0.65	0
CO14722+	CO14723	2.62	1 1-	4ACSR	0	0	1537	322	1	0	0	0.00	0.65	0
CO14733+	CO14722	2.78	0 1-	4ACSR	0	0	1479	319	0	0	0	0.00	0.65	0
CO14721+	CO14722	2.68	1 1-	4ACSR	0	0	1515	321	1	0	0	0.00	0.65	0
CO14780+	CO14721	2.71	1 1-	4ACSR	0	0	1503	321	1	0	0	0.00	0.65	0
CO14781+	CO14780	2.80	1 1-	4ACSR	0	0	1470	319	1	0	0	0.00	0.65	0
CO14779+	CO14780	2.91	0 1-	4ACSR	0	0	1432	317	0	0	0	0.00	0.65	0
CO14720+	CO14721	3.10	0 1-	4ACSR	0	0	1370	313	0	0	0	0.00	0.65	0
CO14735+	CO17240	2.28	0 1-	4ACSR	0	0	1676	329	0	0	0	0.00	0.65	0
CO16847+	CO16725	2.08	182 3-	1/0ACSR	1942	1876	1777	334	1547	34	15	0.02	0.65	47
CO16848+	CO16847	2.17	182 3-	1/0ACSR	1916	1848	1745	333	1547	34	15	0.03	0.68	65
CO16977+	CO16848	2.18	0 1-	1/0ACSR	0	0	1743	333	0	0	0	0.00	0.68	0
SW525-A+	CO16977	2.18	0 1-	Open	0	0	1743	333	0	0	0	0.00	0.68	0
CO16838+	CO16848	2.27	179 3-	1/0ACSR	1890	1821	1714	332	992	22	10	0.02	0.70	27
CO16837+	CO16838	2.31	177 3-	1/0ACSR	1877	1807	1698	332	987	22	10	0.01	0.71	13
CO16839+	CO16837	2.39	176 3-	1/0ACSR	1858	1786	1675	331	971	21	9	0.01	0.72	20
CO16915+	CO16839	2.42	2 1-	4ACSR	0	0	1663	330	9	0	0	0.00	0.72	0
CO16914+	CO16915	2.45	2 1-	4ACSR	0	0	1651	330	9	0	0	0.00	0.72	0
CO16841+	CO16839	2.45	174 3-	1/0ACSR	1843	1771	1657	331	962	21	9	0.01	0.73	14
CO16840+	CO16841	2.50	173 3-	1/0ACSR	1828	1756	1640	330	893	20	9	0.01	0.74	13
CO16842+	CO16840	2.70	170 3-	1/0ACSR	1778	1704	1582	328	880	19	9	0.03	0.77	45
CO16844+	CO16842	2.79	166 3-	1/0ACSR	1759	1684	1560	327	871	19	9	0.01	0.79	18
CO16843+	CO16844	2.94	165 3-	1/0ACSR	1722	1646	1518	326	850	19	8	0.03	0.81	33
CO16968+	CO16843	2.95	4 1-	4ACSR	0	0	1516	326	15	0	1	0.00	0.81	0
OC517+	CO16968	2.95	4 1-	10 N FUSE	0	0	1516	326	15	0	10	0.00	0.81	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16969+	OC517	3.15	4 1-	4ACSR	0	0	1446	322	15	0	1	0.00	0.82	0
CO16762+	CO16969	3.40	0 1-	4ACSR	0	0	1368	317	0	0	0	0.00	0.82	0
CO17246+	CO16969	3.38	4 1-	4ACSR	0	0	1372	317	15	0	1	0.01	0.82	0
CO16290+	CO17246	3.52	1 1-	4ACSR	0	0	1332	315	0	0	0	0.00	0.82	0
CO16273+	CO17246	3.41	3 1-	4ACSR	0	0	1363	316	15	0	1	0.00	0.82	0
CO16272+	CO16273	3.50	3 1-	4ACSR	0	0	1337	315	15	0	1	0.00	0.83	0
CO16380+	CO16272	3.53	1 1-	4ACSR	0	0	1328	314	5	0	0	0.00	0.83	0
CO16381+	CO16380	3.59	0 1-	4ACSR	0	0	1309	313	0	0	0	0.00	0.83	0
CO16382+	CO16381	3.69	0 1-	4ACSR	0	0	1283	311	0	0	0	0.00	0.83	0
CO16383+	CO16382	3.97	0 1-	4ACSR	0	0	1207	306	0	0	0	0.00	0.83	0
CO16384+	CO16383	4.11	0 1-	4ACSR	0	0	1175	304	0	0	0	0.00	0.83	0
CO16291+	CO16272	3.52	2 1-	4ACSR	0	0	1330	314	10	0	0	0.00	0.83	0
CO16461+	CO16273	3.84	0 1-	4ACSR	0	0	1241	308	0	0	0	0.00	0.82	0
CO16462+	CO16461	3.85	0 1-	4ACSR	0	0	1239	308	0	0	0	0.00	0.82	0
CO17247+	CO16843	3.14	160 3-	1/0ACSR	1678	1601	1468	324	834	18	8	0.03	0.84	40
CO17234+	CO17247	3.24	160 3-	1/0ACSR	1656	1580	1445	323	834	18	8	0.02	0.86	20
CO14719+	CO17234	3.25	160 3-	750 MCM - 42 wi	1655	1579	1444	323	834	18	2	0.00	0.86	0
OC427+	CO14719	3.25	152 3-	50 H OCR	1655	1579	1444	323	785	17	35	0.00	0.86	0
CO14650+	OC427	3.32	152 3-	1/0ACSR	1641	1564	1428	322	785	17	8	0.01	0.87	12
CO14649+	CO14650	3.52	152 3-	1/0ACSR	1599	1523	1382	320	785	17	8	0.03	0.90	37
CO14567+	CO14649	3.58	3 1-	4ACSR	0	0	1366	319	18	1	1	0.00	0.90	0
CO14716+	CO14567	3.59	0 1-	4ACSR	0	0	1364	319	0	0	0	0.00	0.90	0
CO14715+	CO14567	3.59	0 1-	4ACSR	0	0	1364	319	0	0	0	0.00	0.90	0
CO14685+	CO14567	3.63	3 1-	4ACSR	0	0	1349	318	18	1	1	0.00	0.90	0
CO14687+	CO14685	3.69	0 1-	4ACSR	0	0	1333	317	0	0	0	0.00	0.90	0
CO14686+	CO14687	3.77	0 1-	4ACSR	0	0	1311	315	0	0	0	0.00	0.90	0
CO14684+	CO14685	3.64	2 1-	4ACSR	0	0	1346	318	11	0	1	0.00	0.90	0
CO14682+	CO14684	3.68	1 1-	4ACSR	0	0	1336	317	0	0	0	0.00	0.90	0
CO14683+	CO14682	3.73	1 1-	4ACSR	0	0	1321	316	0	0	0	0.00	0.90	0
CO14648+	CO14649	3.80	149 3-	1/0ACSR	1545	1470	1325	318	767	17	7	0.04	0.94	47
CO14647+	CO14648	3.81	149 3-	1/0ACSR	1544	1468	1323	317	767	17	7	0.00	0.94	0
CO14569+	CO14647	3.96	67 1-	2ACSR	0	0	1288	315	330	22	12	0.05	1.00	27
CO14645+	CO14569	4.05	67 1-	4ACSR	0	0	1265	314	330	22	16	0.04	1.04	23
CO14646+	CO14645	4.15	67 1-	4ACSR	0	0	1239	312	330	22	16	0.05	1.09	27
CO14710+	CO14646	4.16	0 1-	4ACSR	0	0	1237	312	0	0	0	0.00	1.09	0
CO14707+	CO14646	4.16	66 1-	4ACSR	0	0	1237	312	328	22	16	0.00	1.09	0
OC424+	CO14707	4.16	66 1-	25 H OCR	0	0	1237	312	328	22	89	0.00	1.09	0
CO14708+	OC424	4.21	66 1-	4ACSR	0	0	1224	311	328	22	16	0.03	1.12	14
CO14629+	CO14708	4.35	65 1-	4ACSR	0	0	1191	308	323	21	16	0.07	1.19	34
CO14633+	CO14629	4.41	63 1-	4ACSR	0	0	1176	307	320	21	15	0.03	1.22	15
CO14631+	CO14633	4.46	62 1-	4ACSR	0	0	1164	306	311	21	15	0.02	1.24	12
CO14630+	CO14631	4.73	60 1-	4ACSR	0	0	1105	301	305	20	15	0.12	1.36	62
CO14632+	CO14630	4.85	60 1-	4ACSR	0	0	1081	299	305	20	15	0.05	1.42	26
CO14583+	CO14632	4.88	1 1-	4ACSR	0	0	1074	299	13	0	1	0.00	1.42	0
CO14582+	CO14632	4.94	1 1-	4ACSR	0	0	1062	298	5	0	0	0.00	1.42	0
CO14635+	CO14632	4.89	58 1-	4ACSR	0	0	1073	299	287	19	14	0.02	1.43	8
CO14634+	CO14635	5.05	57 1-	4ACSR	0	0	1042	296	273	18	13	0.06	1.50	27
CO14636+	CO14634	5.17	56 1-	4ACSR	0	0	1019	294	253	17	12	0.05	1.54	19
CO14640+	CO14636	5.29	34 1-	4ACSR	0	0	998	292	159	10	8	0.03	1.57	7
CO14639+	CO14640	5.43	33 1-	4ACSR	0	0	973	290	156	10	8	0.03	1.61	9
CO14680+	CO14639	5.55	2 1-	4ACSR	0	0	952	288	17	1	1	0.00	1.61	0
CO14679+	CO14680	5.64	1 1-	4ACSR	0	0	939	286	2	0	0	0.00	1.61	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14681+	CO14679	5.66	1 1-	4ACSR	0	0	935	286	2	0	0	0.00	1.61	0
CO14642+	CO14639	5.63	30 1-	4ACSR	0	0	940	287	128	8	6	0.04	1.64	8
CO14644+	CO14642	5.67	29 1-	4ACSR	0	0	933	286	123	8	6	0.01	1.65	0
CO14643+	CO14644	5.85	26 1-	4ACSR	0	0	906	283	110	7	5	0.03	1.68	5
CO-365852814+	CO14643	5.94	25 1-	2ACSR	0	0	896	282	99	6	4	0.01	1.69	0
OC-2048884282+	CO-365852814	5.94	25 1-	20 N FUSE	0	0	896	282	99	6	34	0.00	1.69	0
CO-1840611326+	OC-2048884282	5.98	24 1-	2ACSR	0	0	891	282	97	6	4	0.00	1.69	0
CO14566+	CO-1840611326	6.44	2 1-	4ACSR	0	0	829	275	5	0	0	0.00	1.69	0
CO14565+	CO-1840611326	6.16	22 1-	4ACSR	0	0	865	279	92	6	4	0.03	1.72	4
CO14587+	CO14565	6.26	1 1-	4ACSR	0	0	852	278	3	0	0	0.00	1.72	0
CO14696+	CO14565	6.20	21 1-	4ACSR	0	0	860	278	90	6	4	0.00	1.72	0
CO14695+	CO14696	6.33	20 1-	4ACSR	0	0	843	276	87	5	4	0.02	1.74	2
CO14697+	CO14695	6.44	19 1-	4ACSR	0	0	829	275	84	5	4	0.01	1.75	0
CO14555+	CO14697	6.78	17 1-	4ACSR	0	0	787	270	74	5	4	0.04	1.79	5
CO14557+	CO14555	6.90	9 1-	4ACSR	0	0	774	268	53	3	3	0.01	1.80	0
CO14558+	CO14557	7.11	7 1-	4ACSR	0	0	751	265	37	2	2	0.01	1.81	0
CO14610+	CO14558	7.24	7 1-	4ACSR	0	0	738	264	37	2	2	0.01	1.82	0
CO14607+	CO14610	7.32	6 1-	4ACSR	0	0	729	263	34	2	2	0.00	1.82	0
CO14609+	CO14607	7.39	6 1-	4ACSR	0	0	723	262	34	2	2	0.00	1.83	0
CO14608+	CO14609	7.44	6 1-	4ACSR	0	0	717	261	34	2	2	0.00	1.83	0
CO14670+	CO14608	7.58	2 1-	4ACSR	0	0	705	259	16	1	1	0.00	1.83	0
CO14672+	CO14670	7.66	2 1-	4ACSR	0	0	697	258	16	1	1	0.00	1.83	0
CO14671+	CO14672	7.76	1 1-	4ACSR	0	0	688	257	9	0	0	0.00	1.84	0
CO14669+	CO14608	7.56	4 1-	4ACSR	0	0	706	259	17	1	1	0.00	1.83	0
CO14666+	CO14669	7.61	3 1-	4ACSR	0	0	701	259	9	0	0	0.00	1.83	0
CO14668+	CO14666	7.70	2 1-	4ACSR	0	0	694	258	9	0	0	0.00	1.83	0
CO14667+	CO14668	7.80	2 1-	4ACSR	0	0	684	256	9	0	0	0.00	1.84	0
CO14691+	CO14667	7.89	1 1-	2ACSR	0	0	678	256	8	0	0	0.00	1.84	0
CO14690+	CO14691	7.97	1 1-	2ACSR	0	0	673	255	8	0	0	0.00	1.84	0
CO14573+	CO14558	7.17	0 1-	4ACSR	0	0	744	265	0	0	0	0.00	1.81	0
CO14574+	CO14557	7.01	1 1-	4ACSR	0	0	761	267	3	0	0	0.00	1.80	0
CO14599+	CO14555	6.88	8 1-	4ACSR	0	0	776	269	21	1	1	0.00	1.80	0
CO-316220308+	CO14599	6.93	7 1-	2ACSR	0	0	771	268	15	1	1	0.00	1.80	0
CO202441670+	CO-316220308	7.09	1 1-	2ACSR	0	0	758	267	5	0	0	0.00	1.80	0
CO1076478717+	CO-316220308	7.09	6 1-	2ACSR	0	0	758	267	10	0	0	0.00	1.80	0
CO14598+	CO1076478717	7.25	6 1-	4ACSR	0	0	741	264	10	0	0	0.00	1.80	0
CO14597+	CO14598	7.49	6 1-	4ACSR	0	0	718	261	10	0	0	0.00	1.80	0
CO14570+	CO14597	7.60	0 1-	4ACSR	0	0	707	260	0	0	0	0.00	1.80	0
CO14556+	CO14597	7.61	6 1-	4ACSR	0	0	706	260	10	0	0	0.00	1.81	0
CO14600+	CO14556	7.69	4 1-	4ACSR	0	0	698	258	8	0	0	0.00	1.81	0
CO14606+	CO14600	7.79	2 1-	4ACSR	0	0	689	257	1	0	0	0.00	1.81	0
CO14601+	CO14606	7.94	1 1-	4ACSR	0	0	676	255	0	0	0	0.00	1.81	0
CO14605+	CO14601	8.13	1 1-	4ACSR	0	0	660	253	0	0	0	0.00	1.81	0
CO14604+	CO14605	8.19	1 1-	4ACSR	0	0	655	252	0	0	0	0.00	1.81	0
CO14602+	CO14604	8.38	1 1-	4ACSR	0	0	640	250	0	0	0	0.00	1.81	0
CO14603+	CO14602	8.43	1 1-	4ACSR	0	0	636	249	0	0	0	0.00	1.81	0
CO14594+	CO14605	8.21	0 1-	2ACSR	0	0	655	252	0	0	0	0.00	1.81	0
CO14554+	CO14556	7.87	2 1-	4ACSR	0	0	682	256	2	0	0	0.00	1.81	0
CO14572+	CO14554	8.05	1 1-	4ACSR	0	0	667	254	0	0	0	0.00	1.81	0
CO14571+	CO14554	7.92	1 1-	4ACSR	0	0	678	256	2	0	0	0.00	1.81	0
CO14698+	CO14697	6.57	2 1-	4ACSR	0	0	812	273	10	0	0	0.00	1.76	0
CO14699+	CO14698	6.65	2 1-	4ACSR	0	0	803	272	10	0	0	0.00	1.76	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14552+	CO14699	6.72	2 1-	4ACSR	0	0	794	271	10	0	0	0.00	1.76	0
CO14553+	CO14552	6.78	1 1-	4ACSR	0	0	788	270	1	0	0	0.00	1.76	0
CO14551+	CO14553	6.83	1 1-	4ACSR	0	0	781	269	1	0	0	0.00	1.76	0
CO-1149404041+	OC-2048884282	6.00	1 1-	2ACSR	0	0	888	281	2	0	0	0.00	1.69	0
CO-718144731+	CO14644	5.71	1 1-	2ACSR	0	0	928	285	10	0	0	0.00	1.65	0
CO14588+	CO14639	5.61	1 1-	4ACSR	0	0	944	287	11	0	1	0.00	1.61	0
CO14638+	CO14636	5.37	12 1-	4ACSR	0	0	984	291	28	1	1	0.01	1.55	0
CO14637+	CO14638	5.47	11 1-	4ACSR	0	0	966	289	25	1	1	0.00	1.56	0
CO17236+	CO14637	5.55	10 1-	4ACSR	0	0	952	288	19	1	1	0.00	1.56	0
CO14729+	CO17236	5.67	8 1-	4ACSR	0	0	934	286	14	0	1	0.00	1.56	0
CO14730+	CO14729	5.77	2 1-	4ACSR	0	0	918	284	4	0	0	0.00	1.56	0
CO14743+	CO14730	5.85	0 1-	4ACSR	0	0	906	283	0	0	0	0.00	1.56	0
CO14753+	CO14730	5.90	2 1-	4ACSR	0	0	899	282	4	0	0	0.00	1.56	0
CO14787+	CO14753	6.08	1 1-	4ACSR	0	0	872	280	2	0	0	0.00	1.56	0
CO14751+	CO14729	5.97	4 1-	4ACSR	0	0	889	281	4	0	0	0.00	1.56	0
CO14752+	CO14751	6.00	4 1-	4ACSR	0	0	885	281	4	0	0	0.00	1.56	0
CO14786+	CO14752	6.39	4 1-	4ACSR	0	0	831	275	4	0	0	0.00	1.57	0
CO14731+	CO14786	6.47	1 1-	4ACSR	0	0	822	274	2	0	0	0.00	1.57	0
CO14773+	CO14786	6.50	2 1-	4ACSR	0	0	817	273	1	0	0	0.00	1.57	0
CO14774+	CO14773	6.67	2 1-	4ACSR	0	0	798	271	1	0	0	0.00	1.57	0
CO14749+	CO14774	6.84	2 1-	4ACSR	0	0	778	269	1	0	0	0.00	1.57	0
CO1098895381+	CO14749	6.95	1 1-	2ACSR	0	0	768	268	0	0	0	0.00	1.57	0
CO14750+	CO14749	6.96	1 1-	4ACSR	0	0	764	267	1	0	0	0.00	1.57	0
CO14732+	CO14774	6.78	0 1-	4ACSR	0	0	784	269	0	0	0	0.00	1.57	0
CO14744+	CO14729	5.82	2 1-	4ACSR	0	0	911	284	6	0	0	0.00	1.56	0
CO14742+	CO17236	5.76	2 1-	4ACSR	0	0	919	284	4	0	0	0.00	1.56	0
CO14586+	CO14637	5.51	1 1-	4ACSR	0	0	959	288	7	0	0	0.00	1.56	0
CO14590+	CO14638	5.41	1 1-	2ACSR	0	0	978	290	3	0	0	0.00	1.55	0
CO14563+	CO14636	5.32	10 1-	4ACSR	0	0	992	292	65	4	3	0.01	1.56	0
CO14564+	CO14563	5.42	8 1-	4ACSR	0	0	974	290	55	3	3	0.01	1.57	0
CO17235+	CO14564	5.67	3 1-	4ACSR	0	0	934	286	11	0	1	0.00	1.57	0
CO14741+	CO17235	5.82	1 1-	4ACSR	0	0	911	284	1	0	0	0.00	1.57	0
CO14728+	CO17235	5.80	2 1-	4ACSR	0	0	914	284	10	0	0	0.00	1.57	0
CO14757+	CO14728	5.94	0 1-	4ACSR	0	0	893	282	0	0	0	0.00	1.57	0
CO14758+	CO14757	6.23	0 1-	4ACSR	0	0	853	277	0	0	0	0.00	1.57	0
CO14755+	CO14728	5.94	2 1-	4ACSR	0	0	893	282	10	0	0	0.00	1.57	0
CO14756+	CO14755	6.13	1 1-	4ACSR	0	0	866	279	6	0	0	0.00	1.57	0
CO14754+	CO14756	6.28	0 1-	4ACSR	0	0	845	277	0	0	0	0.00	1.57	0
CO14740+	CO14728	6.11	0 1-	4ACSR	0	0	868	279	0	0	0	0.00	1.57	0
CO14678+	CO14564	5.47	2 1-	4ACSR	0	0	966	289	17	1	1	0.00	1.57	0
CO17237+	CO14678	5.52	1 1-	4ACSR	0	0	958	288	8	0	0	0.00	1.57	0
CO14591+	CO14678	5.50	1 1-	2ACSR	0	0	962	289	9	0	0	0.00	1.57	0
CO14580+	CO14564	5.48	2 1-	4ACSR	0	0	964	289	20	1	1	0.00	1.57	0
CO14581+	CO14563	5.41	1 1-	4ACSR	0	0	976	290	7	0	0	0.00	1.56	0
CO14593+	CO14629	4.40	1 1-	2ACSR	0	0	1181	308	0	0	0	0.00	1.19	0
CO14592+	CO14629	4.53	1 1-	4ACSR	0	0	1150	305	3	0	0	0.00	1.19	0
CO14713+	CO14569	3.97	0 1-	4ACSR	0	0	1286	315	0	0	0	0.00	1.00	0
CO14656+	CO14647	3.87	80 3-	1/0ACSR	1531	1456	1310	317	425	9	4	0.01	0.95	3
CO14662+	CO14656	3.97	80 3-	1/0ACSR	1514	1439	1292	316	425	9	4	0.01	0.96	5
CO14595+	CO14662	4.02	1 1-	2ACSR	0	0	1280	315	8	0	0	0.00	0.96	0
CO14661+	CO14662	4.03	79 3-	1/0ACSR	1504	1429	1281	315	416	9	4	0.00	0.96	3
CO14657+	CO14661	4.20	79 3-	1/0ACSR	1474	1400	1250	314	416	9	4	0.01	0.97	9

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14660+	CO14657	4.27	79 3-	1/0ACSR	1461	1387	1237	313	416	9	4	0.01	0.98	4
CO14658+	CO14660	4.33	79 3-	1/0ACSR	1451	1378	1227	313	416	9	4	0.00	0.98	3
CO14659+	CO14658	4.52	79 3-	1/0ACSR	1419	1347	1195	311	416	9	4	0.02	1.00	10
CO14561+	CO14659	4.59	76 3-	1/0ACSR	1408	1336	1183	310	398	8	4	0.01	1.00	3
CO14560+	CO14561	4.67	75 3-	1/0ACSR	1396	1325	1171	309	395	8	4	0.01	1.01	3
CO14618+	CO14560	4.82	75 3-	1/0ACSR	1373	1302	1148	308	395	8	4	0.01	1.02	7
CO14616+	CO14618	4.86	75 3-	1/0ACSR	1367	1296	1142	308	395	8	4	0.00	1.02	0
CO14615+	CO14616	4.90	75 3-	1/0ACSR	1362	1291	1137	307	395	8	4	0.00	1.03	0
CO14689+	CO14615	4.94	2 1-	4ACSR	0	0	1128	307	3	0	0	0.00	1.03	0
CO14688+	CO14689	4.97	2 1-	4ACSR	0	0	1121	306	3	0	0	0.00	1.03	0
CO14617+	CO14615	4.93	72 3-	1/0ACSR	1357	1287	1133	307	387	8	4	0.00	1.03	0
CO-1746915126+	CO14617	5.04	72 3-	2ACSR	1336	1267	1112	306	387	8	5	0.01	1.04	8
CO14576+	CO-1746915126	5.14	0 1-	4ACSR	0	0	1092	304	0	0	0	0.00	1.04	0
CO-147184923+	CO-1746915126	5.06	72 3-	2ACSR	1334	1265	1110	306	387	8	5	0.00	1.04	0
CO-1750435815+	CO-147184923	5.07	72 3-	2ACSR	1332	1263	1108	305	387	8	5	0.00	1.05	0
CO14703+	CO-1750435815	5.09	2 1-	4ACSR	0	0	1103	305	8	0	0	0.00	1.05	0
OC422+	CO14703	5.09	2 1-	10 N FUSE	0	0	1103	305	8	0	5	0.00	1.05	0
CO14704+	OC422	5.25	2 1-	4ACSR	0	0	1072	302	8	0	0	0.00	1.05	0
CO14577+	CO14704	5.33	1 1-	4ACSR	0	0	1057	301	8	0	0	0.00	1.05	0
CO14614+	CO14704	5.30	1 1-	4ACSR	0	0	1063	301	0	0	0	0.00	1.05	0
CO14613+	CO14614	5.47	0 1-	4ACSR	0	0	1031	298	0	0	0	0.00	1.05	0
CO14611+	CO14613	5.53	0 1-	4ACSR	0	0	1021	297	0	0	0	0.00	1.05	0
CO14612+	CO14611	5.79	0 1-	4ACSR	0	0	975	293	0	0	0	0.00	1.05	0
CO947612086+	CO-1750435815	5.21	70 3-	2ACSR	1308	1241	1085	304	379	8	5	0.02	1.06	9
CO14579+	CO947612086	5.28	1 1-	4ACSR	0	0	1072	302	10	0	0	0.00	1.06	0
CO14619+	CO947612086	5.32	69 3-	1/0ACSR	1293	1227	1070	303	368	8	4	0.01	1.07	4
CO14623+	CO14619	5.34	69 3-	1/0ACSR	1290	1224	1067	302	368	8	4	0.00	1.07	0
CO14622+	CO14623	5.38	66 3-	1/0ACSR	1285	1219	1063	302	345	7	3	0.00	1.07	0
CO14620+	CO14622	5.40	66 3-	1/0ACSR	1283	1217	1060	302	345	7	3	0.00	1.07	0
CO14621+	CO14620	5.45	66 3-	1/0ACSR	1275	1209	1053	301	345	7	3	0.00	1.08	0
CO14655+	CO14621	5.53	60 3-	1/0ACSR	1265	1200	1043	301	324	7	3	0.00	1.08	2
CO14653+	CO14655	5.61	60 3-	1/0ACSR	1254	1190	1033	300	324	7	3	0.01	1.09	2
CO14652+	CO14653	5.66	59 3-	1/0ACSR	1248	1184	1027	300	316	7	3	0.00	1.09	0
CO14654+	CO14652	5.69	59 3-	1/0ACSR	1245	1181	1024	299	316	7	3	0.00	1.09	0
CO-858274194+	CO14654	5.77	1 1-	2ACSR	0	0	1012	298	10	0	0	0.00	1.09	0
CO-540270456+	CO-858274194	5.79	0 1-	2ACSR	0	0	1009	298	0	0	0	0.00	1.09	0
CO-1534701860+	CO-858274194	5.88	1 1-	2ACSR	0	0	996	297	10	0	0	0.00	1.09	0
CO14624+	CO14654	5.75	58 3-	1/0ACSR	1237	1173	1016	299	305	6	3	0.00	1.10	0
CO14627+	CO14624	5.88	56 3-	1/0ACSR	1221	1158	1001	298	291	6	3	0.01	1.10	3
CO14625+	CO14627	5.89	55 3-	1/0ACSR	1219	1156	999	298	291	6	3	0.00	1.10	0
CO14626+	CO14625	5.92	54 3-	1/0ACSR	1216	1153	996	297	282	6	3	0.00	1.10	0
CO14700+	CO14626	5.94	54 3-	1/0ACSR	1214	1151	994	297	282	6	3	0.00	1.11	0
CO11702+	CO14700	6.01	52 3-	1/0ACSR	1206	1143	987	297	269	6	3	0.00	1.11	0
CO17214+	CO11702	6.10	1 1-	4ACSR	0	0	971	295	9	0	0	0.00	1.11	0
CO14677+	CO17214	6.18	1 1-	4ACSR	0	0	959	294	9	0	0	0.00	1.11	0
CO11755+	CO11702	6.01	25 3-	2ACSR	1205	1142	986	297	109	2	1	0.00	1.11	0
CO302038809+	CO11755	6.10	25 3-	2ACSR	1192	1131	974	296	109	2	1	0.00	1.11	0
CO11754+	CO302038809	6.21	25 3-	4ACSR	1172	1113	956	294	109	2	2	0.01	1.12	0
CO11727+	CO11754	6.39	1 1-	4ACSR	0	0	930	291	1	0	0	0.00	1.12	0
CO11757+	CO11754	6.43	24 3-	4ACSR	1134	1079	923	290	108	2	2	0.01	1.13	0
CO11756+	CO11757	6.50	24 3-	4ACSR	1123	1069	913	289	108	2	2	0.00	1.13	0
CO11726+	CO11756	6.65	1 1-	4ACSR	0	0	892	287	1	0	0	0.00	1.13	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11758+	CO11756	6.53	23 3-	4ACSR	1117	1064	908	288	106	2	2	0.00	1.13	0
CO11760+	CO11758	6.61	22 3-	4ACSR	1104	1052	897	287	106	2	2	0.00	1.14	0
CO11759+	CO11760	6.70	21 3-	4ACSR	1090	1040	885	286	103	2	2	0.00	1.14	0
CO-1639590114+	CO11759	6.79	0 1-	2ACSR	0	0	875	285	0	0	0	0.00	1.14	0
CO11725+	CO11759	6.73	1 1-	4ACSR	0	0	881	285	4	0	0	0.00	1.14	0
CO11762+	CO11759	6.71	20 3-	4ACSR	1088	1038	883	286	99	2	2	0.00	1.14	0
CO11761+	CO11762	6.79	19 3-	4ACSR	1075	1027	872	284	88	1	1	0.00	1.14	0
CO11739+	CO11761	7.02	2 1-	4ACSR	0	0	843	281	9	0	0	0.00	1.15	0
CO11740+	CO11739	7.09	1 1-	4ACSR	0	0	833	280	0	0	0	0.00	1.15	0
CO11733+	CO11739	7.07	1 1-	2ACSR	0	0	838	280	9	0	0	0.00	1.15	0
CO11764+	CO11761	7.03	17 3-	4ACSR	1039	994	841	281	79	1	1	0.01	1.15	0
CO11763+	CO11764	7.22	17 1-	4ACSR	0	0	818	278	79	5	4	0.02	1.17	3
CO11804+	CO11763	7.22	0 1-	4ACSR	0	0	817	278	0	0	0	0.00	1.17	0
CO11765+	CO11763	7.27	17 1-	4ACSR	0	0	811	277	79	5	4	0.01	1.18	0
CO11767+	CO11765	7.32	17 1-	4ACSR	0	0	806	276	79	5	4	0.01	1.19	0
CO11766+	CO11767	7.44	15 1-	4ACSR	0	0	792	275	58	3	3	0.01	1.20	0
CO11724+	CO11766	7.54	1 1-	4ACSR	0	0	781	273	6	0	0	0.00	1.20	0
CO11737+	CO11766	7.50	14 1-	4ACSR	0	0	785	274	52	3	3	0.00	1.20	0
CO11738+	CO11737	7.78	13 1-	4ACSR	0	0	755	270	47	3	2	0.02	1.22	0
CO11806+	CO11738	7.79	12 1-	4ACSR	0	0	754	270	47	3	2	0.00	1.22	0
OC328+	CO11806	7.79	12 1-	25 H OCR	0	0	754	270	47	3	13	0.00	1.22	0
CO11807+	OC328	7.85	12 1-	4ACSR	0	0	748	269	47	3	2	0.00	1.23	0
CO11768+	CO11807	7.99	11 1-	4ACSR	0	0	734	267	45	3	2	0.01	1.24	0
CO11769+	CO11768	8.07	11 1-	4ACSR	0	0	727	266	45	3	2	0.01	1.24	0
CO11708+	CO11769	8.28	10 1-	4ACSR	0	0	707	263	44	2	2	0.01	1.25	0
CO11771+	CO11708	8.41	6 1-	4ACSR	0	0	695	261	30	2	1	0.01	1.26	0
CO11770+	CO11771	8.46	6 1-	4ACSR	0	0	690	260	30	2	1	0.00	1.26	0
CO11772+	CO11770	8.74	2 1-	4ACSR	0	0	667	257	15	0	1	0.01	1.27	0
CO11774+	CO11772	8.79	2 1-	4ACSR	0	0	662	256	15	0	1	0.00	1.27	0
CO11773+	CO11774	8.89	1 1-	4ACSR	0	0	654	255	13	0	1	0.00	1.27	0
CO11721+	CO11770	8.55	2 1-	4ACSR	0	0	682	259	5	0	0	0.00	1.26	0
CO11709+	CO11708	8.50	4 1-	4ACSR	0	0	687	260	14	0	1	0.00	1.26	0
CO11710+	CO11709	8.65	2 1-	4ACSR	0	0	674	258	14	0	1	0.00	1.26	0
CO17298+	CO11710	8.70	1 1-	4ACSR	0	0	670	257	6	0	0	0.00	1.26	0
CO17212+	CO11710	8.80	1 1-	4ACSR	0	0	661	256	7	0	0	0.00	1.26	0
CO11695+	CO17212	8.85	0 1-	4ACSR	0	0	657	255	0	0	0	0.00	1.26	0
#SW324-B+	CO11695	8.85	0 1-	Open	0	0	657	255	0	0	0	0.00	1.26	0
CO11734+	CO11709	8.54	1 1-	4ACSR	0	0	683	259	0	0	0	0.00	1.26	0
CO11798+	CO11734	8.57	1 1-	4ACSR	0	0	681	259	0	0	0	0.00	1.26	0
CO11797+	CO11798	8.70	1 1-	4ACSR	0	0	670	257	0	0	0	0.00	1.26	0
CO11722+	CO11769	8.14	1 1-	4ACSR	0	0	719	265	1	0	0	0.00	1.24	0
CO11723+	CO11738	7.94	1 1-	4ACSR	0	0	740	268	0	0	0	0.00	1.22	0
CO11732+	CO11737	7.55	1 1-	2ACSR	0	0	781	273	5	0	0	0.00	1.20	0
CO11703+	CO11702	6.16	25 3-	1/0ACSR	1188	1127	970	295	140	3	1	0.00	1.11	0
CO11719+	CO11703	6.29	1 1-	4ACSR	0	0	949	293	2	0	0	0.00	1.11	0
CO11704+	CO11703	6.25	21 1-	4ACSR	0	0	955	294	117	7	6	0.02	1.13	3
CO11728+	CO11704	6.34	1 1-	4ACSR	0	0	941	292	4	0	0	0.00	1.13	0
CO11705+	CO11704	6.32	19 1-	4ACSR	0	0	944	293	105	7	5	0.01	1.14	0
CO11706+	CO11705	6.41	16 1-	4ACSR	0	0	931	291	84	5	4	0.01	1.15	0
CO11792+	CO11706	6.47	2 1-	4ACSR	0	0	923	290	7	0	0	0.00	1.15	0
CO11791+	CO11792	6.49	2 1-	4ACSR	0	0	919	290	7	0	0	0.00	1.15	0
CO11707+	CO11706	6.54	14 1-	4ACSR	0	0	912	289	77	5	4	0.02	1.17	0

Substation Power Factor: 0.99
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11716+	CO11707	6.58	1 1-	4ACSR	0	0	906	288	1	0	0	0.00	1.17	0
CO11749+	CO11707	6.62	2 1-	4ACSR	0	0	900	288	25	1	1	0.00	1.17	0
CO11748+	CO11749	6.65	1 1-	4ACSR	0	0	897	287	12	0	1	0.00	1.17	0
CO11717+	CO11748	6.71	0 1-	4ACSR	0	0	888	286	0	0	0	0.00	1.17	0
CO11735+	CO11748	6.76	1 1-	4ACSR	0	0	881	286	12	0	1	0.00	1.17	0
CO11731+	CO11735	6.84	1 1-	2ACSR	0	0	872	285	12	0	0	0.00	1.17	0
CO11736+	CO11735	6.85	0 1-	4ACSR	0	0	868	284	0	0	0	0.00	1.17	0
CO11753+	CO11707	6.65	11 1-	4ACSR	0	0	897	287	51	3	2	0.01	1.17	0
CO11752+	CO11753	6.66	9 1-	4ACSR	0	0	895	287	46	3	2	0.00	1.18	0
CO11750+	CO11752	6.70	9 1-	4ACSR	0	0	889	287	46	3	2	0.00	1.18	0
CO11751+	CO11750	6.75	7 1-	4ACSR	0	0	883	286	43	2	2	0.00	1.18	0
CO11715+	CO11751	6.81	2 1-	4ACSR	0	0	875	285	5	0	0	0.00	1.18	0
CO11786+	CO11751	6.77	4 1-	4ACSR	0	0	880	286	19	1	1	0.00	1.18	0
CO11790+	CO11786	6.79	4 1-	4ACSR	0	0	877	285	19	1	1	0.00	1.18	0
CO11729+	CO11790	6.84	1 1-	4ACSR	0	0	871	284	13	0	1	0.00	1.18	0
CO11789+	CO11790	6.83	3 1-	4ACSR	0	0	872	285	6	0	0	0.00	1.18	0
CO11787+	CO11789	6.96	3 1-	4ACSR	0	0	855	283	6	0	0	0.00	1.18	0
CO11788+	CO11787	6.99	3 1-	4ACSR	0	0	850	282	6	0	0	0.00	1.18	0
CO11794+	CO11705	6.48	3 1-	4ACSR	0	0	921	290	21	1	1	0.00	1.14	0
CO11793+	CO11794	6.52	0 1-	4ACSR	0	0	914	289	0	0	0	0.00	1.14	0
CO11718+	CO11704	6.34	1 1-	4ACSR	0	0	941	292	8	0	0	0.00	1.13	0
CO11796+	CO11703	6.28	3 1-	4ACSR	0	0	950	293	21	1	1	0.00	1.12	0
CO11795+	CO11796	6.34	2 1-	4ACSR	0	0	942	292	13	0	1	0.00	1.12	0
CO14705+	CO14621	5.46	2 1-	4ACSR	0	0	1052	301	4	0	0	0.00	1.08	0
OC423+	CO14705	5.46	2 1-	10 N FUSE	0	0	1052	301	4	0	3	0.00	1.08	0
CO14706+	OC423	5.54	2 1-	4ACSR	0	0	1037	300	4	0	0	0.00	1.08	0
CO14665+	CO14706	5.60	1 1-	4ACSR	0	0	1026	299	0	0	0	0.00	1.08	0
CO14663+	CO14665	5.88	1 1-	4ACSR	0	0	978	294	0	0	0	0.00	1.08	0
CO14664+	CO14663	6.17	1 1-	4ACSR	0	0	933	290	0	0	0	0.00	1.08	0
CO14589+	CO14621	5.55	2 1-	4ACSR	0	0	1036	300	9	0	0	0.00	1.08	0
CO14575+	CO14561	4.69	1 1-	4ACSR	0	0	1162	308	3	0	0	0.00	1.01	0
CO14701+	CO14659	4.53	1 1-	4ACSR	0	0	1193	311	10	0	0	0.00	1.00	0
OC421+	CO14701	4.53	1 1-	10 N FUSE	0	0	1193	311	10	0	7	0.00	1.00	0
CO14702+	OC421	4.55	1 1-	4ACSR	0	0	1188	310	10	0	0	0.00	1.00	0
CO14628+	CO14702	4.69	1 1-	4ACSR	0	0	1158	308	10	0	0	0.00	1.00	0
CO14562+	CO14628	4.86	1 1-	4ACSR	0	0	1121	305	10	0	0	0.00	1.00	0
CO14711+	CO14562	4.86	0 1-	4ACSR	0	0	1120	305	0	0	0	0.00	1.00	0
CO14584+	CO14562	4.95	1 1-	4ACSR	0	0	1101	303	10	0	0	0.00	1.01	0
CO14585+	CO14628	4.78	0 1-	4ACSR	0	0	1137	306	0	0	0	0.00	1.00	0
CO14674+	CO14659	4.57	2 1-	4ACSR	0	0	1185	310	8	0	0	0.00	1.00	0
CO14676+	CO14674	4.62	0 1-	4ACSR	0	0	1172	309	0	0	0	0.00	1.00	0
CO14675+	CO14676	4.69	0 1-	4ACSR	0	0	1157	308	0	0	0	0.00	1.00	0
CO14692+	CO14647	3.83	2 1-	4ACSR	0	0	1319	317	12	0	1	0.00	0.94	0
CO14694+	CO14692	3.84	2 1-	4ACSR	0	0	1314	317	12	0	1	0.00	0.94	0
CO14693+	CO14694	3.86	2 1-	4ACSR	0	0	1308	316	12	0	1	0.00	0.94	0
CO17238+	CO14719	3.31	8 1-	4ACSR	0	0	1423	321	49	3	2	0.00	0.87	0
CO14771+	CO17238	3.33	8 1-	4ACSR	0	0	1417	321	49	3	2	0.00	0.87	0
CO14775+	CO14771	3.38	5 1-	4ACSR	0	0	1401	320	31	2	2	0.00	0.87	0
CO17239+	CO14775	3.46	3 1-	4ACSR	0	0	1377	319	14	0	1	0.00	0.87	0
CO14651+	CO17239	3.50	1 1-	4ACSR	0	0	1366	318	4	0	0	0.00	0.87	0
CO14718+	CO14651	3.50	0 1-	4ACSR	0	0	1364	318	0	0	0	0.00	0.87	0
CO16916+	CO16840	2.56	3 2-	4ACSR	0	1737	1619	329	13	0	0	0.00	0.74	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17242+	CO16916	2.65	2 2-	4ACSR	0	1702	1580	327	11	0	0	0.00	0.74	0
CO14770+	CO17242	2.73	1 2-	4ACSR	0	1676	1551	325	10	0	0	0.00	0.74	0
CO16846+	CO16848	2.23	2 3-	2ACSR	1898	1829	1723	332	553	12	7	0.01	0.69	8
CO16845+	CO16846	2.28	1 3-	2ACSR	1880	1811	1702	332	551	12	7	0.01	0.70	8
CO17241+	CO16845	2.47	1 3-	2ACSR	1823	1751	1634	329	551	12	7	0.03	0.73	26
CO14746+	CO17241	2.54	1 3-	1/0PRIURD	1817	1742	1617	723	551	12	8	0.01	0.73	6
300659019+	CO14746	2.54	1 3-	Consumer	1817	1742	1617	723	551	12	0	0.00	0.73	0
CO16766+	CO30674	1.68	1 1-	4ACSR	0	0	1919	338	7	0	0	0.00	0.50	0
CO16855+	CO30674	1.66	0 3-	1/0ACSR	2066	2012	1932	338	0	-7	3	0.00	0.50	0
CA62+	CO16855	1.66	0 3-	Capacitor	2066	2012	1932	338	0	-7	0	0.00	0.50	0
CO-167224953+	CO16726	1.50	1 1-	2ACSR	0	0	1990	339	3	0	0	0.00	0.40	0
CO16767+	CO16726	1.46	1 1-	4ACSR	0	0	2005	340	0	0	0	0.00	0.40	0
CO16768+	CO16856	1.28	0 1-	4ACSR	0	0	2088	342	0	0	0	0.00	0.34	0
CO16918+	CO30594	0.79	2 1-	4ACSR	0	0	2338	347	18	1	1	0.00	0.18	0
CO16917+	CO16918	0.84	2 1-	4ACSR	0	0	2301	346	18	1	1	0.00	0.18	0
CO-2138873066+	CO16917	0.88	1 1-	2ACSR	0	0	2282	345	10	0	0	0.00	0.18	0
CO299905296+	CO-2138873066	0.91	1 1-	2ACSR	0	0	2260	345	10	0	0	0.00	0.18	0
OH183+	OH181	0.02	168 3-	336ACSR	2652	2815	2799	354	835	18	4	0.00	0.00	0
PIQUA+	OH183	0.02	168 3-	560 200WVE	2652	2815	2799	354	835	18	3	0.00	0.00	0
OH186+	PIQUA	0.06	168 3-	336ACSR	2641	2795	2779	353	835	18	4	0.00	0.01	0
XFMR187	OH186	0.06	168 3-	500 KVA 1PH AUT	1238	1254	1252	178	835	18	54	0.50	0.51	0
CO25139	XFMR187	0.10	168 3-	4ACSR	1229	1239	1237	177	835	37	27	0.07	0.58	96
CO25039	CO25139	0.18	2 1-	4ACSR	0	0	1212	176	4	0	0	0.00	0.58	0
CO25085	CO25139	0.14	165 3-	4ACSR	1221	1227	1224	177	828	37	27	0.06	0.63	76
CO25173	CO25085	0.20	165 3-	4ACSR	1211	1211	1207	176	827	37	27	0.08	0.71	105
CO25172	CO25173	0.30	164 3-	4ACSR	1188	1179	1171	175	819	36	26	0.15	0.86	209
CO25205	CO25172	0.31	3 1-	6ACWC	0	0	1169	175	7	0	1	0.00	0.86	0
OC754	CO25205	0.31	3 1-	10 N FUSE	0	0	1169	175	7	0	10	0.00	0.86	0
CO25206	OC754	0.43	3 1-	6ACWC	0	0	1130	174	7	0	1	0.00	0.87	0
CO30593	CO25206	0.51	2 1-	6ACWC	0	0	1103	173	6	0	1	0.00	0.87	0
CO14745	CO30593	0.73	1 1-	4ACSR	0	0	1036	170	1	0	0	0.00	0.87	0
CO14778	CO30593	0.96	0 1-	6ACWC	0	0	970	168	0	0	0	0.00	0.87	0
CO14772	CO14778	1.27	0 1-	6ACWC	0	0	887	165	0	0	0	0.00	0.87	0
CO14736	CO14772	1.59	0 1-	6ACWC	0	0	814	162	0	0	0	0.00	0.87	0
CO14776	CO14772	1.32	0 1-	6ACWC	0	0	875	164	0	0	0	0.00	0.87	0
CO14777	CO14776	1.58	0 1-	6ACWC	0	0	816	162	0	0	0	0.00	0.87	0
CO25087	CO25172	0.35	159 3-	4ACSR	1177	1168	1155	174	794	35	26	0.07	0.93	88
CO25086	CO25087	0.54	159 3-	4ACSR	1135	1118	1094	172	793	35	26	0.27	1.19	350
CO25088	CO25086	0.65	158 3-	4ACSR	1110	1090	1060	171	782	35	25	0.15	1.34	196
CO30592	CO25088	1.07	158 3-	4ACSR	1015	982	937	167	781	35	25	0.58	1.92	753
CO14767	CO30592	1.12	156 3-	4ACSR	1003	970	923	166	769	34	25	0.07	1.99	93
CO14782	CO14767	1.13	1 1-	6ACWC	0	0	921	166	13	1	1	0.00	1.99	0
OC434	CO14782	1.13	1 1-	10 N FUSE	0	0	921	166	13	1	18	0.00	1.99	0
CO30591	OC434	1.43	1 1-	6ACWC	0	0	848	163	13	1	1	0.01	2.01	0
CO25089	CO30591	1.50	0 1-	6ACWC	0	0	832	162	0	0	0	0.00	2.01	0
CO25090	CO25089	1.69	0 1-	6ACWC	0	0	791	160	0	0	0	0.00	2.01	0
CO14725	CO14767	1.41	154 3-	4ACSR	942	909	852	163	755	34	25	0.38	2.38	484
CO14768	CO14725	1.50	143 3-	4ACSR	922	890	830	162	705	32	23	0.12	2.49	141
CO14769	CO14768	1.63	142 3-	4ACSR	896	865	802	161	705	32	23	0.16	2.66	192
CO14739	CO14769	1.74	1 1-	4ACSR	0	0	778	160	10	1	1	0.00	2.66	0
CO14726	CO14769	1.70	141 3-	4ACSR	881	851	786	160	694	31	23	0.09	2.75	110

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14784	CO14726	1.71	0 1-	4ACSR	0	0	785	160	0	0	0	0.00	2.75	0
CO14759	CO14726	1.75	140 3-	4ACSR	872	842	776	160	690	31	23	0.06	2.81	68
CO14760	CO14759	2.08	140 3-	4ACSR	812	785	713	157	690	31	23	0.41	3.22	475
CO30589	CO14760	2.18	140 3-	4ACSR	796	769	697	156	687	31	23	0.12	3.33	136
CO25178	CO30589	2.20	139 3-	4ACSR	791	765	692	156	681	31	22	0.03	3.37	38
CO30569	CO25178	2.23	139 3-	4ACSR	786	760	687	155	681	31	22	0.04	3.40	42
CO881716204	CO30569	2.27	138 3-	2ACSR	781	755	682	155	679	31	17	0.03	3.43	35
CO1898929209	CO881716204	2.31	137 3-	2ACSR	776	751	677	155	670	30	17	0.03	3.46	32
CO25179	CO1898929209	2.33	137 3-	4ACSR	774	748	674	155	670	30	22	0.02	3.48	24
CO25000	CO25179	2.35	130 3-	4ACSR	770	744	670	154	641	29	21	0.03	3.51	31
CO24981	CO25000	2.54	130 3-	4ACSR	741	717	642	153	641	29	21	0.21	3.72	226
CO25130	CO24981	2.59	11 1-	4ACSR	0	0	634	152	45	6	4	0.01	3.74	0
CO25129	CO25130	2.68	9 1-	4ACSR	0	0	622	152	34	4	3	0.02	3.75	0
CO25034	CO25129	2.69	4 1-	4ACSR	0	0	620	151	9	1	1	0.00	3.75	0
CO25192	CO25034	2.73	4 1-	4ACSR	0	0	615	151	9	1	1	0.00	3.76	0
CO25191	CO25192	2.79	3 1-	4ACSR	0	0	606	151	8	1	1	0.00	3.76	0
CO25190	CO25191	2.85	2 1-	4ACSR	0	0	599	150	8	1	1	0.00	3.76	0
CO25189	CO25190	2.93	1 1-	4ACSR	0	0	589	149	0	0	0	0.00	3.76	0
CO25099	CO25129	2.74	5 1-	4ACSR	0	0	614	151	25	3	2	0.01	3.76	0
CO25098	CO25099	2.83	4 1-	4ACSR	0	0	601	150	17	2	2	0.00	3.77	0
CO25059	CO24981	2.58	117 3-	4ACSR	734	711	635	152	578	26	19	0.05	3.77	49
CO25058	CO25059	2.63	117 3-	4ACSR	727	704	628	152	578	26	19	0.05	3.82	49
CO25193	CO25058	2.64	3 1-	4ACSR	0	0	628	152	10	1	1	0.00	3.82	0
OC755	CO25193	2.64	3 1-	10 N FUSE	0	0	628	152	10	1	13	0.00	3.82	0
CO25194	OC755	3.11	3 1-	4ACSR	0	0	566	148	10	1	1	0.03	3.85	0
CO24982	CO25194	3.66	2 1-	4ACSR	0	0	508	144	7	0	1	0.02	3.87	0
CO25011	CO24982	3.79	1 1-	4ACSR	0	0	496	142	0	0	0	0.00	3.87	0
CO25009	CO24982	3.79	1 1-	4ACSR	0	0	496	142	7	0	1	0.00	3.87	0
CO25003	CO25194	3.20	1 1-	4ACSR	0	0	555	147	3	0	0	0.00	3.85	0
CO24983	CO25058	2.74	114 3-	4ACSR	710	689	613	151	568	26	19	0.12	3.94	113
CO25182	CO24983	2.78	4 1-	4ACSR	0	0	608	151	44	6	4	0.01	3.95	0
CO25181	CO25182	2.86	3 1-	4ACSR	0	0	598	150	31	4	3	0.01	3.96	0
CO25100	CO25181	2.98	1 1-	4ACSR	0	0	582	149	14	1	1	0.01	3.96	0
CO25010	CO25181	2.90	1 1-	4ACSR	0	0	593	150	5	0	1	0.00	3.96	0
CO25132	CO24983	2.91	110 3-	4ACSR	688	668	591	150	524	24	17	0.15	4.09	137
CO25131	CO25132	2.93	108 3-	4ACSR	685	665	589	149	518	23	17	0.02	4.11	15
CO25133	CO25131	2.94	108 3-	4ACSR	683	663	587	149	518	23	17	0.01	4.12	13
CO25006	CO25133	2.97	0 1-	4ACSR	0	0	583	149	0	0	0	0.00	4.12	0
CO25055	CO25133	2.97	107 3-	4ACSR	679	660	583	149	503	23	17	0.03	4.15	22
CO25147	CO25055	3.00	107 3-	4ACSR	675	656	579	149	503	23	17	0.03	4.18	27
CO25146	CO25147	3.06	107 3-	4ACSR	667	649	572	148	503	23	17	0.05	4.23	45
CO25148	CO25146	3.10	106 3-	4ACSR	662	644	567	148	498	23	16	0.04	4.27	31
CO24980	CO25148	3.15	103 3-	4ACSR	657	639	562	148	487	22	16	0.04	4.31	31
CO25057	CO24980	3.19	101 3-	4ACSR	652	634	557	147	476	22	16	0.04	4.34	30
CO25056	CO25057	3.55	99 3-	4ACSR	610	595	519	144	461	21	15	0.30	4.65	237
CO25002	CO25056	3.66	88 1-	2ACSR	0	0	510	144	407	56	31	0.20	4.84	129
CO25053	CO25002	3.72	3 1-	2ACSR	0	0	506	143	12	1	1	0.00	4.85	0
CO25068	CO25002	3.76	85 1-	4ACSR	0	0	501	143	393	54	39	0.24	5.08	154
CO25067	CO25068	3.84	83 1-	4ACSR	0	0	493	142	378	52	38	0.19	5.27	120
CO25199	CO25067	3.84	81 1-	4ACSR	0	0	493	142	373	52	37	0.02	5.29	10
OC752	CO25199	3.84	81 1-	50 H OCR	0	0	493	142	373	52	105	0.00	5.29	0
CO25200	OC752	3.93	81 1-	4ACSR	0	0	485	142	373	52	37	0.21	5.49	129

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CO25022	CO25200	4.08	0 1-	4ACSR	0	0	472	141	0	0	0	0.00	5.49	0
CO24988	CO25200	4.08	81 1-	4ACSR	0	0	472	141	373	52	37	0.36	5.85	222
CO25021	CO24988	4.23	1 1-	4ACSR	0	0	460	139	6	0	1	0.00	5.85	0
CO24989	CO24988	4.25	80 1-	4ACSR	0	0	458	139	366	51	37	0.39	6.24	241
REG248	CO24989	4.25	80 1-	50	0	0	458	139	364	51	103	-6.24	0.00	0
CO25075	REG248	4.50	1 1-	4ACSR	0	0	439	137	0	0	0	0.00	0.00	0
CO25074	CO25075	4.63	1 1-	4ACSR	0	0	430	136	0	0	0	0.00	0.00	0
CO25027	CO25074	4.81	0 1-	4ACSR	0	0	417	135	0	0	0	0.00	0.00	0
CO25026	CO25074	4.70	1 1-	4ACSR	0	0	425	136	0	0	0	0.00	0.00	0
CO25069	REG248	4.52	79 1-	4ACSR	0	0	438	137	364	48	35	0.58	0.58	338
CO25158	CO25069	4.71	79 1-	4ACSR	0	0	424	136	363	48	35	0.41	0.99	239
CO25157	CO25158	5.07	78 1-	4ACSR	0	0	401	133	357	48	34	0.78	1.77	448
CO30434	CO25157	5.32	61 1-	4ACSR	0	0	386	132	259	35	25	0.40	2.17	170
CO25228	CO30434	5.52	59 1-	2ACSR	0	0	377	131	240	32	18	0.19	2.36	69
CO1805273055	CO25228	5.54	1 1-	2ACSR	0	0	376	131	0	0	0	0.00	2.36	0
CO-1420448144	CO25228	5.54	56 1-	2ACSR	0	0	376	131	218	29	17	0.02	2.38	7
CO25272	CO-1420448144	5.64	54 1-	4ACSR	0	0	371	130	215	29	21	0.12	2.50	44
CO25271	CO25272	5.75	54 1-	4ACSR	0	0	365	129	215	29	21	0.15	2.65	51
CO25273	CO25271	5.81	53 1-	4ACSR	0	0	362	129	206	28	20	0.07	2.72	24
CO25377	CO25273	5.95	37 1-	4ACSR	0	0	355	128	115	15	11	0.10	2.82	19
OC762	CO25377	5.95	37 1-	35 H OCR	0	0	355	128	115	15	45	0.00	2.82	0
CO25378	OC762	6.05	37 1-	4ACSR	0	0	350	127	115	15	11	0.07	2.89	13
CO25264	CO25378	6.17	37 1-	4ACSR	0	0	345	127	115	15	11	0.09	2.98	16
CO25265	CO25264	6.23	37 1-	4ACSR	0	0	342	126	115	15	11	0.04	3.02	7
CO25263	CO25265	6.27	36 1-	4ACSR	0	0	340	126	113	15	11	0.03	3.05	6
CO25346	CO25263	6.33	1 1-	4ACSR	0	0	338	126	5	0	0	0.00	3.05	0
CO25348	CO25346	6.39	1 1-	4ACSR	0	0	335	125	5	0	0	0.00	3.05	0
CO25347	CO25348	6.46	1 1-	4ACSR	0	0	332	125	5	0	0	0.00	3.05	0
CO25227	CO25263	6.42	35 1-	4ACSR	0	0	334	125	108	14	11	0.10	3.15	18
CO25241	CO25227	6.63	1 1-	4ACSR	0	0	325	124	3	0	0	0.00	3.15	0
CO25269	CO25227	6.48	34 1-	4ACSR	0	0	331	125	105	14	10	0.04	3.18	6
CO25268	CO25269	6.52	34 1-	4ACSR	0	0	329	125	105	14	10	0.02	3.21	4
CO25270	CO25268	6.63	32 1-	4ACSR	0	0	325	124	101	13	10	0.07	3.28	11
CO25345	CO25270	6.67	1 1-	4ACSR	0	0	323	124	1	0	0	0.00	3.28	0
CO25344	CO25345	6.69	1 1-	4ACSR	0	0	322	124	1	0	0	0.00	3.28	0
CO25226	CO25270	6.82	29 1-	4ACSR	0	0	317	123	98	13	10	0.11	3.39	18
CO25343	CO25226	6.92	2 1-	4ACSR	0	0	314	122	3	0	0	0.00	3.39	0
CO25342	CO25343	6.96	1 1-	4ACSR	0	0	312	122	2	0	0	0.00	3.39	0
CO25267	CO25226	6.89	27 1-	4ACSR	0	0	315	122	96	13	9	0.04	3.43	6
CO25266	CO25267	7.23	26 1-	4ACSR	0	0	302	120	96	13	9	0.19	3.63	30
CO30341	CO25266	7.44	24 1-	4ACSR	0	0	295	119	84	11	8	0.11	3.73	15
CO25028	CO30341	7.50	2 1-	4ACSR	0	0	293	119	12	1	1	0.00	3.74	0
CO1152467999	CO25028	7.54	1 1-	2ACSR	0	0	292	119	0	0	0	0.00	3.74	0
CO25135	CO30341	7.70	22 1-	4ACSR	0	0	286	118	71	9	7	0.11	3.84	13
CO25134	CO25135	7.78	20 1-	4ACSR	0	0	284	117	66	9	7	0.03	3.88	4
CO25029	CO25134	7.90	2 1-	4ACSR	0	0	280	117	3	0	0	0.00	3.88	0
CO25030	CO25134	7.85	1 1-	4ACSR	0	0	281	117	3	0	0	0.00	3.88	0
CO24993	CO25134	7.90	17 1-	4ACSR	0	0	280	117	60	8	6	0.05	3.92	5
CO25031	CO24993	8.09	1 1-	4ACSR	0	0	274	116	3	0	0	0.00	3.92	0
CO24994	CO24993	8.20	16 1-	4ACSR	0	0	271	115	57	7	6	0.10	4.02	10
CO25209	CO24994	8.20	1 1-	4ACSR	0	0	271	115	4	0	0	0.00	4.03	0
SW758-A	CO25209	8.20	1 1-	Closed	0	0	271	115	4	0	0	0.00	4.03	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SW758-B	SW758-A	8.20	1 1-	Closed	0	0	271	115	4	0	0	0.00	4.03	0
CO25210	SW758-B	8.54	1 1-	4ACSR	0	0	262	114	4	0	0	0.01	4.03	0
CO25161	CO25210	8.66	1 1-	4ACSR	0	0	258	113	4	0	0	0.00	4.03	0
CO25207	CO25161	9.05	0 1-	4ACSR	0	0	248	111	0	0	0	0.00	4.03	0
SW757-B	CO25207	9.05	0 1-	Open	0	0	248	111	0	0	0	0.00	4.03	0
CO24995	CO24994	8.27	14 1-	4ACSR	0	0	269	115	42	5	4	0.02	4.04	0
CO30348	CO24995	8.46	11 1-	4ACSR	0	0	264	114	35	4	4	0.04	4.09	2
CO25213	CO30348	8.54	2 1-	4ACSR	0	0	262	114	6	0	1	0.00	4.09	0
CO25212	CO30348	8.70	9 1-	4ACSR	0	0	257	113	29	4	3	0.04	4.12	0
CO25223	CO25212	8.95	3 1-	4ACSR	0	0	251	112	6	0	1	0.01	4.13	0
CO25222	CO25223	9.00	2 1-	4ACSR	0	0	250	111	2	0	0	0.00	4.13	0
CO25216	CO25222	9.18	0 1-	4ACSR	0	0	245	110	0	0	0	0.00	4.13	0
CO25215	CO25222	9.08	1 1-	4ACSR	0	0	248	111	1	0	0	0.00	4.13	0
CO25214	CO25222	9.04	1 1-	4ACSR	0	0	249	111	1	0	0	0.00	4.13	0
CO25211	CO25212	8.82	5 1-	4ACSR	0	0	254	112	17	2	2	0.01	4.13	0
CO25218	CO25211	8.91	3 1-	4ACSR	0	0	252	112	8	1	1	0.00	4.14	0
CO25221	CO25218	9.03	2 1-	4ACSR	0	0	249	111	6	0	1	0.00	4.14	0
CO25219	CO25221	9.13	2 1-	4ACSR	0	0	247	111	6	0	1	0.00	4.14	0
CO25220	CO25219	9.29	1 1-	4ACSR	0	0	243	110	1	0	0	0.00	4.14	0
CO25217	CO25211	8.86	1 1-	4ACSR	0	0	253	112	0	0	0	0.00	4.13	0
CO25032	CO24995	8.40	2 1-	4ACSR	0	0	265	114	7	0	1	0.00	4.05	0
CO25033	CO24994	8.22	1 1-	4ACSR	0	0	270	115	11	1	1	0.00	4.03	0
CO25341	CO25266	7.34	1 1-	4ACSR	0	0	298	120	5	0	1	0.00	3.63	0
CO30345	CO25341	7.41	1 1-	4ACSR	0	0	296	119	5	0	1	0.00	3.63	0
CO25275	CO25273	6.04	16 1-	4ACSR	0	0	351	128	91	12	9	0.13	2.85	19
CO25277	CO25275	6.12	16 1-	4ACSR	0	0	347	127	91	12	9	0.04	2.89	6
CO25276	CO25277	6.19	15 1-	4ACSR	0	0	344	127	84	11	8	0.04	2.93	5
CO25274	CO25276	6.27	14 1-	4ACSR	0	0	340	126	84	11	8	0.04	2.97	5
CO25289	CO25274	6.45	4 1-	4ACSR	0	0	333	125	11	1	1	0.01	2.98	0
CO25288	CO25289	6.62	4 1-	4ACSR	0	0	325	124	11	1	1	0.01	2.99	0
CO25231	CO25288	6.79	3 1-	4ACSR	0	0	318	123	5	0	1	0.00	3.00	0
CO25327	CO25231	6.88	2 1-	4ACSR	0	0	315	122	0	0	0	0.00	3.00	0
CO25329	CO25327	6.93	2 1-	4ACSR	0	0	313	122	0	0	0	0.00	3.00	0
CO25328	CO25329	7.25	2 1-	4ACSR	0	0	301	120	0	0	0	0.00	3.00	0
CO25374	CO25328	7.33	2 1-	4ACSR	0	0	298	120	0	0	0	0.00	3.00	0
CO25373	CO25374	7.37	2 1-	4ACSR	0	0	297	120	0	0	0	0.00	3.00	0
CO25326	CO25328	7.50	0 1-	4ACSR	0	0	293	119	0	0	0	0.00	3.00	0
CO25387	CO25326	7.91	0 1-	4ACSR	0	0	280	117	0	0	0	0.00	3.00	0
CO25388	CO25387	7.91	0 1-	4ACSR	0	0	279	117	0	0	0	0.00	3.00	0
CO25244	CO25288	6.74	1 1-	4ACSR	0	0	321	123	6	0	1	0.00	3.00	0
CO25389	CO25274	6.27	9 1-	4ACSR	0	0	340	126	68	9	7	0.00	2.97	0
OC761	CO25389	6.27	9 1-	15 H OCR	0	0	340	126	68	9	62	0.00	2.97	0
CO25390	OC761	6.45	9 1-	4ACSR	0	0	333	125	68	9	7	0.07	3.04	8
CO25279	CO25390	6.55	6 1-	4ACSR	0	0	328	124	53	7	5	0.03	3.08	3
CO25278	CO25279	6.74	5 1-	4ACSR	0	0	321	123	47	6	5	0.05	3.13	4
CO25229	CO25278	7.05	4 1-	4ACSR	0	0	308	121	39	5	4	0.08	3.20	5
CO25230	CO25229	7.37	4 1-	4ACSR	0	0	297	120	39	5	4	0.07	3.28	5
CO25285	CO25230	7.71	4 1-	4ACSR	0	0	286	118	39	5	4	0.07	3.35	4
CO25287	CO25285	7.80	3 1-	4ACSR	0	0	283	117	27	3	3	0.02	3.36	0
CO25376	CO25287	7.88	1 1-	2ACSR	0	0	281	117	10	1	1	0.00	3.37	0
CO25375	CO25376	7.95	1 1-	2ACSR	0	0	279	117	10	1	1	0.00	3.37	0
CO25286	CO25287	7.85	2 1-	4ACSR	0	0	282	117	17	2	2	0.00	3.37	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25284	CO25286	7.91	1 1-	4ACSR	0	0	280	117	14	1	1	0.01	3.37	0
CO25282	CO25284	8.00	1 1-	4ACSR	0	0	277	116	14	1	1	0.01	3.38	0
CO1764112850	CO25282	8.05	1 1-	2ACSR	0	0	276	116	14	1	1	0.00	3.38	0
CO-576130715	CO1764112850	8.10	0 1-	2ACSR	0	0	275	116	0	0	0	0.00	3.38	0
CO1059378403	CO1764112850	8.16	1 1-	2ACSR	0	0	273	116	14	1	1	0.00	3.39	0
CO25280	CO25230	7.94	0 1-	4ACSR	0	0	279	117	0	0	0	0.00	3.28	0
CO25281	CO25280	8.00	0 1-	4ACSR	0	0	277	116	0	0	0	0.00	3.28	0
CO25385	CO25281	8.08	0 1-	4ACSR	0	0	274	116	0	0	0	0.00	3.28	0
CO25386	CO25385	8.09	0 1-	4ACSR	0	0	274	116	0	0	0	0.00	3.28	0
CO25242	CO25229	7.15	0 1-	4ACSR	0	0	305	121	0	0	0	0.00	3.20	0
CO25243	CO25278	6.83	1 1-	4ACSR	0	0	317	123	8	1	1	0.00	3.13	0
CO25351	CO25390	6.53	3 1-	4ACSR	0	0	329	125	14	1	1	0.01	3.05	0
CO25353	CO25351	6.60	3 1-	4ACSR	0	0	326	124	14	1	1	0.00	3.06	0
CO25352	CO25353	6.66	2 1-	4ACSR	0	0	324	124	4	0	0	0.00	3.06	0
CO25240	CO-1420448144	5.81	2 1-	4ACSR	0	0	362	129	3	0	0	0.00	2.38	0
CO-1550936185	CO25240	5.86	1 1-	2ACSR	0	0	360	129	1	0	0	0.00	2.38	0
CO25349	CO30434	5.46	2 1-	4ACSR	0	0	378	131	18	2	2	0.01	2.18	0
CO30344	CO25349	5.60	0 1-	4ACSR	0	0	371	130	0	0	0	0.00	2.18	0
CO25350	CO25349	5.53	1 1-	4ACSR	0	0	374	130	13	1	1	0.00	2.19	0
CO24990	CO25157	5.28	15 1-	4ACSR	0	0	388	132	84	11	8	0.10	1.86	12
CO25019	CO24990	5.45	0 1-	4ACSR	0	0	379	131	0	0	0	0.00	1.86	0
CO25018	CO24990	5.41	2 1-	4ACSR	0	0	381	131	5	0	1	0.00	1.87	0
CO25070	CO24990	5.40	10 1-	4ACSR	0	0	382	131	60	8	6	0.04	1.90	3
CO25160	CO25070	5.44	8 1-	4ACSR	0	0	379	131	49	6	5	0.01	1.91	0
CO25159	CO25160	5.53	7 1-	4ACSR	0	0	374	130	37	4	4	0.02	1.93	0
CO25017	CO25159	5.61	1 1-	4ACSR	0	0	370	130	7	0	1	0.00	1.94	0
CO24991	CO25159	5.64	6 1-	4ACSR	0	0	368	130	30	4	3	0.02	1.95	0
CO25103	CO24991	5.68	3 1-	4ACSR	0	0	367	129	6	0	1	0.00	1.96	0
CO25184	CO25103	5.81	1 1-	4ACSR	0	0	360	129	0	0	0	0.00	1.96	0
CO25183	CO25184	5.86	0 1-	4ACSR	0	0	357	128	0	0	0	0.00	1.96	0
CO25014	CO25103	5.84	2 1-	4ACSR	0	0	358	128	6	0	1	0.00	1.96	0
CO24992	CO24991	5.76	3 1-	4ACSR	0	0	362	129	24	3	2	0.02	1.97	0
CO25016	CO24992	5.84	0 1-	4ACSR	0	0	358	128	0	0	0	0.00	1.97	0
CO25071	CO24992	5.86	2 1-	4ACSR	0	0	357	128	24	3	2	0.01	1.99	0
CO25073	CO25071	6.03	2 1-	4ACSR	0	0	349	127	24	3	2	0.02	2.01	0
CO25072	CO25073	6.12	2 1-	4ACSR	0	0	345	127	24	3	2	0.01	2.02	0
CO25105	CO25072	6.19	1 1-	4ACSR	0	0	342	126	13	1	1	0.01	2.03	0
CO25126	CO25105	6.27	1 1-	2ACSR	0	0	339	126	13	1	1	0.00	2.03	0
CO25125	CO25126	6.33	1 1-	2ACSR	0	0	337	126	13	1	1	0.00	2.04	0
CO25104	CO25105	6.25	0 1-	4ACSR	0	0	339	126	0	0	0	0.00	2.03	0
CO25108	CO25104	6.34	0 1-	4ACSR	0	0	335	125	0	0	0	0.00	2.03	0
CO25106	CO25108	6.40	0 1-	4ACSR	0	0	332	125	0	0	0	0.00	2.03	0
CO25107	CO25106	6.47	0 1-	4ACSR	0	0	330	125	0	0	0	0.00	2.03	0
CO25015	CO25072	6.15	1 1-	4ACSR	0	0	343	126	11	1	1	0.00	2.03	0
CO25110	CO24992	5.84	0 1-	4ACSR	0	0	358	128	0	0	0	0.00	1.97	0
CO25128	CO25110	5.90	0 1-	2ACSR	0	0	356	128	0	0	0	0.00	1.97	0
CO25127	CO25128	5.99	0 1-	2ACSR	0	0	352	128	0	0	0	0.00	1.97	0
CO25109	CO25110	5.91	0 1-	4ACSR	0	0	355	128	0	0	0	0.00	1.97	0
CO25112	CO25157	5.18	2 1-	4ACSR	0	0	394	133	12	1	1	0.01	1.78	0
CO25020	CO25112	5.26	1 1-	4ACSR	0	0	390	132	3	0	0	0.00	1.78	0
CO25111	CO25112	5.25	1 1-	4ACSR	0	0	390	132	9	1	1	0.00	1.78	0
CO25023	CO25067	3.94	2 1-	4ACSR	0	0	484	142	5	0	0	0.00	5.27	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25025	CO25068	3.89	0 1-	4ACSR	0	0	489	142	0	0	0	0.00	5.08	0
CO25024	CO25068	3.80	2 1-	4ACSR	0	0	497	143	14	1	1	0.00	5.08	0
CO25198	CO25002	3.67	0 1-	4ACSR	0	0	509	144	0	0	0	0.00	4.84	0
CO25001	CO25056	3.68	11 3-	4ACSR	595	581	506	143	53	2	2	0.01	4.66	0
CO25195	CO25001	3.69	0 1-	4ACSR	0	0	505	143	0	0	0	0.00	4.66	0
CO25060	CO25001	3.93	11 3-	4ACSR	570	558	483	141	53	2	2	0.02	4.68	0
CO25152	CO25060	3.99	11 3-	4ACSR	564	552	477	141	53	2	2	0.01	4.69	0
CO25151	CO25152	4.20	11 3-	4ACSR	545	533	460	139	53	2	2	0.02	4.71	0
CO25150	CO25151	4.25	11 3-	4ACSR	540	529	456	139	53	2	2	0.00	4.71	0
CO25149	CO25150	4.35	10 3-	4ACSR	531	521	448	138	52	2	2	0.01	4.72	0
CO25061	CO25149	4.45	1 1-	4ACSR	0	0	441	138	1	0	0	0.00	4.72	0
CO25154	CO25061	4.53	1 1-	4ACSR	0	0	435	137	1	0	0	0.00	4.72	0
CO25153	CO25154	4.54	0 1-	4ACSR	0	0	434	137	0	0	0	0.00	4.72	0
CO25208	CO25153	4.55	0 1-	4ACSR	0	0	434	137	0	0	0	0.00	4.72	0
SW757-A	CO25208	4.55	0 1-	Open	0	0	434	137	0	0	0	0.00	4.72	0
CO24984	CO25149	4.64	9 3-	4ACSR	508	498	427	136	51	2	2	0.03	4.75	2
CO24985	CO24984	4.83	7 3-	4ACSR	493	485	415	135	44	2	1	0.01	4.76	0
CO25201	CO24985	4.83	4 1-	4ACSR	0	0	414	135	34	4	3	0.00	4.77	0
OC756	CO25201	4.83	4 1-	10 N FUSE	0	0	414	135	34	4	48	0.00	4.77	0
CO25202	OC756	4.88	4 1-	4ACSR	0	0	411	134	34	4	3	0.01	4.78	0
CO25065	CO25202	5.22	3 1-	4ACSR	0	0	390	132	13	1	1	0.03	4.80	0
CO25062	CO25065	5.49	3 1-	4ACSR	0	0	375	130	13	1	1	0.02	4.82	0
CO25064	CO25062	5.61	2 1-	4ACSR	0	0	369	130	10	1	1	0.01	4.83	0
CO25063	CO25064	5.68	2 1-	4ACSR	0	0	365	129	10	1	1	0.00	4.83	0
CO25012	CO25202	4.94	1 1-	4ACSR	0	0	407	134	21	2	2	0.00	4.78	0
CO24986	CO24985	5.08	3 3-	4ACSR	475	467	399	133	10	0	0	0.00	4.77	0
CO25066	CO24986	5.20	1 3-	4ACSR	467	459	391	132	0	0	0	0.00	4.77	0
CO25156	CO25066	5.35	1 3-	4ACSR	457	450	383	131	0	0	0	0.00	4.77	0
CO25155	CO25156	5.58	1 3-	4ACSR	442	436	370	130	0	0	0	0.00	4.77	0
CO24987	CO25155	5.70	0 3-	4ACSR	435	429	364	129	0	0	0	0.00	4.77	0
CO25102	CO24986	5.14	2 1-	4ACSR	0	0	395	133	10	1	1	0.00	4.77	0
CO25101	CO25102	5.27	1 1-	4ACSR	0	0	387	132	0	0	0	0.00	4.77	0
CO25013	CO24984	4.75	1 1-	4ACSR	0	0	420	135	7	1	1	0.00	4.75	0
CO25145	CO25057	3.25	2 1-	4ACSR	0	0	551	147	15	2	2	0.00	4.35	0
CO25144	CO25145	3.36	1 1-	4ACSR	0	0	538	146	4	0	0	0.00	4.35	0
CO25008	CO24980	3.18	1 1-	4ACSR	0	0	558	147	10	1	1	0.00	4.31	0
CO25007	CO25148	3.16	2 1-	4ACSR	0	0	561	148	11	1	1	0.00	4.27	0
CO25048	CO25179	2.38	0 1-	4ACSR	0	0	665	154	0	0	0	0.00	3.48	0
CO25047	CO25179	2.35	7 1-	4ACSR	0	0	671	155	29	4	3	0.00	3.49	0
CO25095	CO25047	2.43	7 1-	4ACSR	0	0	658	154	29	4	3	0.01	3.50	0
CO25005	CO25095	2.51	2 1-	4ACSR	0	0	647	153	9	1	1	0.00	3.50	0
CO25097	CO25095	2.59	3 1-	4ACSR	0	0	635	152	11	1	1	0.01	3.51	0
CO25096	CO25097	2.64	1 1-	4ACSR	0	0	627	152	2	0	0	0.00	3.51	0
CO25004	CO25097	2.64	2 1-	4ACSR	0	0	627	152	9	1	1	0.00	3.51	0
CO1165520939	CO881716204	2.31	1 1-	1/0PRIURD	0	0	678	320	9	1	1	0.00	3.43	0
CO14727	CO14760	2.21	0 1-	4ACSR	0	0	691	155	0	0	0	0.00	3.22	0
CO14738	CO14727	2.54	0 1-	4ACSR	0	0	640	153	0	0	0	0.00	3.22	0
CO14737	CO14727	2.31	0 1-	4ACSR	0	0	675	155	0	0	0	0.00	3.22	0
CO14783	CO14725	1.41	11 1-	4ACSR	0	0	851	163	48	6	5	0.00	2.38	0
OC435	CO14783	1.41	11 1-	10 N FUSE	0	0	851	163	48	6	65	0.00	2.38	0
CO30590	OC435	1.62	11 1-	4ACSR	0	0	803	161	48	6	5	0.06	2.44	5
CO25094	CO30590	1.79	1 1-	4ACSR	0	0	768	159	8	1	1	0.00	2.44	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25092	CO25094	1.83	0 1-	4ACSR	0	0	760	159	0	0	0	0.00	2.44	0
CO25177	CO25092	1.93	0 1-	4ACSR	0	0	742	158	0	0	0	0.00	2.44	0
CO25176	CO25177	1.95	0 1-	4ACSR	0	0	738	158	0	0	0	0.00	2.44	0
CO25093	CO25176	2.06	0 1-	4ACSR	0	0	717	157	0	0	0	0.00	2.44	0
CO25142	CO30590	1.68	10 1-	6ACWC	0	0	791	161	39	5	4	0.01	2.45	0
CO25141	CO25142	1.82	8 1-	6ACWC	0	0	764	159	36	4	3	0.03	2.48	0
CO25143	CO25141	1.88	7 1-	6ACWC	0	0	751	159	35	4	3	0.01	2.49	0
CO25091	CO25143	1.95	6 1-	6ACWC	0	0	739	158	34	4	3	0.01	2.51	0
CO25175	CO25091	1.98	6 1-	6ACWC	0	0	733	158	34	4	3	0.01	2.51	0
CO25174	CO25175	2.02	6 1-	6ACWC	0	0	724	157	34	4	3	0.01	2.52	0
CO25122	CO25174	2.08	3 1-	4ACSR	0	0	714	157	22	2	2	0.01	2.53	0
CO25120	CO25122	2.14	3 1-	4ACSR	0	0	704	156	22	2	2	0.01	2.54	0
CO25045	CO25120	2.22	1 1-	4ACSR	0	0	691	155	15	2	1	0.00	2.54	0
CO25119	CO25120	2.25	0 1-	4ACSR	0	0	685	155	0	0	0	0.00	2.54	0
CO25121	CO25119	2.35	0 1-	4ACSR	0	0	670	154	0	0	0	0.00	2.54	0
CO25044	CO25174	2.06	1 1-	4ACSR	0	0	718	157	0	0	0	0.00	2.52	0
CO25043	CO25174	2.20	2 1-	4ACSR	0	0	694	156	12	1	1	0.01	2.53	0
CO25046	CO25143	1.99	1 1-	4ACSR	0	0	730	158	1	0	0	0.00	2.50	0
CO14765	CO14767	1.23	0 1-	4ACSR	0	0	896	165	0	0	0	0.00	1.99	0
CO14766	CO14765	1.38	0 1-	4ACSR	0	0	859	163	0	0	0	0.00	1.99	0
CO25042	CO25086	0.59	1 1-	4ACSR	0	0	1079	172	10	1	1	0.00	1.19	0
OH182+	OH181	0.02	269 3-	336ACSR	2653	2816	2800	354	1186	26	5	0.00	0.00	0
OGDEN RIDGE+	OH182	0.02	269 3-	560 200WVE	2653	2816	2800	354	1186	26	5	0.00	0.00	0
OH191+	OGDEN RIDGE	0.05	269 3-	336ACSR	2642	2797	2781	353	1186	26	5	0.00	0.01	4
OH192+	OH191	0.09	269 3-	336ACSR	2630	2777	2760	353	1186	26	5	0.00	0.01	4
OH193+	OH192	0.12	269 3-	336ACSR	2619	2758	2741	353	1186	26	5	0.00	0.01	4
CO25188+	OH193	0.16	4 1-	4ACSR	0	0	2710	352	21	1	1	0.00	0.01	0
CO25187+	CO25188	0.22	4 1-	4ACSR	0	0	2659	351	21	1	1	0.00	0.01	0
CO25052+	CO25187	0.25	2 1-	2ACSR	0	0	2633	350	5	0	0	0.00	0.01	0
CO25118+	CO25187	0.28	1 1-	4ACSR	0	0	2610	350	5	0	0	0.00	0.01	0
OH194+	OH193	0.16	265 3-	336ACSR	2606	2737	2718	353	1165	26	5	0.00	0.02	5
OH195+	OH194	0.20	265 3-	336ACSR	2594	2715	2696	353	1165	26	5	0.00	0.02	5
OH196+	OH195	0.22	265 3-	336ACSR	2589	2708	2688	353	1165	26	5	0.00	0.02	0
CO30343+	OH196	0.34	265 3-	336ACSR	2552	2648	2625	352	1165	26	5	0.01	0.03	14
CO-1835549090+	CO30343	0.38	265 3-	336ACSR	2539	2628	2604	352	1165	26	5	0.00	0.03	5
CO26376+	CO-1835549090	0.43	1 1-	4ACSR	0	0	2561	351	3	0	0	0.00	0.03	0
CO-1316195432+	CO-1835549090	0.43	1 1-	2ACSR	0	0	2569	351	7	0	0	0.00	0.03	0
CO-2126302949+	CO-1835549090	0.43	263 3-	336ACSR	2522	2601	2575	352	1156	25	5	0.00	0.04	7
CO26497+	CO-2126302949	0.62	262 3-	336ACSR	2467	2517	2484	351	1152	25	5	0.02	0.05	22
CO26375+	CO26497	0.70	0 1-	4ACSR	0	0	2428	349	0	0	0	0.00	0.05	0
CO26498+	CO26497	0.71	262 3-	336ACSR	2440	2478	2440	350	1152	25	5	0.01	0.06	11
CO-1291726628+	CO26498	0.75	0 1-	2ACSR	0	0	2421	350	0	0	0	0.00	0.06	0
CO26499+	CO26498	0.81	261 3-	336ACSR	2413	2439	2398	350	1148	25	5	0.01	0.07	11
SW818-B+	CO26499	0.81	0 1-	Open	0	0	2398	350	0	0	0	0.00	0.07	0
CO26358+	CO26499	0.89	12 1-	4ACSR	0	0	2346	348	59	3	3	0.01	0.08	0
CO26357+	CO26358	1.19	10 1-	4ACSR	0	0	2140	341	44	2	2	0.02	0.10	0
CO30347+	CO26357	1.33	6 1-	4ACSR	0	0	2052	338	21	1	1	0.00	0.10	0
CO25171+	CO30347	1.34	5 1-	4ACSR	0	0	2045	338	18	1	1	0.00	0.10	0
CO25084+	CO25171	1.55	5 1-	4ACSR	0	0	1922	334	18	1	1	0.00	0.11	0
CO25138+	CO25084	1.62	3 1-	4ACSR	0	0	1886	332	11	0	1	0.00	0.11	0
CO30353+	CO25138	1.89	2 1-	4ACSR	0	0	1744	327	11	0	1	0.00	0.11	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26513+	CO30353	1.90	1 1-	4ACSR	0	0	1737	327	2	0	0	0.00	0.11	0
CO26429+	CO26513	1.96	1 1-	4ACSR	0	0	1707	325	2	0	0	0.00	0.11	0
CO25040+	CO25084	1.89	1 1-	4ACSR	0	0	1741	327	3	0	0	0.00	0.11	0
CO26431+	CO26357	1.45	3 1-	4ACSR	0	0	1983	336	21	1	1	0.01	0.10	0
CO26430+	CO26431	1.47	2 1-	4ACSR	0	0	1972	336	10	0	0	0.00	0.10	0
CO30346+	CO26430	1.58	1 1-	4ACSR	0	0	1907	333	8	0	0	0.00	0.10	0
CO26467+	CO26430	1.56	1 1-	4ACSR	0	0	1918	334	2	0	0	0.00	0.10	0
CO26466+	CO26467	1.63	1 1-	4ACSR	0	0	1881	332	2	0	0	0.00	0.10	0
CO26377+	CO26357	1.27	1 1-	4ACSR	0	0	2092	340	2	0	0	0.00	0.10	0
CO26378+	CO26358	0.93	2 1-	4ACSR	0	0	2313	347	15	1	1	0.00	0.08	0
CO26379+	CO26499	0.91	2 1-	4ACSR	0	0	2326	348	3	0	0	0.00	0.07	0
OH197+	CO26499	0.85	247 3-	336ACSR	2402	2424	2381	350	1086	24	5	0.00	0.07	4
OH198+	OH197	0.89	247 3-	336ACSR	2390	2407	2362	350	1086	24	5	0.00	0.08	5
OH199+	OH198	0.95	247 3-	336ACSR	2375	2386	2339	349	1086	24	5	0.00	0.08	6
OH200+	OH199	0.96	247 3-	336ACSR	2371	2380	2333	349	1086	24	5	0.00	0.08	0
OH201+	OH200	1.09	247 3-	336ACSR	2338	2335	2281	349	1086	24	5	0.01	0.09	13
OH202+	OH201	1.26	247 3-	336ACSR	2293	2275	2213	348	1086	24	5	0.01	0.10	18
OH203+	OH202	1.47	247 3-	336ACSR	2242	2209	2139	347	1086	24	5	0.02	0.12	22
OH204+	OH203	1.63	247 3-	336ACSR	2204	2160	2083	346	1086	24	5	0.01	0.13	17
OH205+	OH204	1.79	247 3-	336ACSR	2168	2116	2031	345	1086	24	5	0.01	0.15	17
OH206+	OH205	1.85	247 3-	336ACSR	2155	2100	2014	345	1086	24	5	0.00	0.15	6
OH207+	OH206	1.85	247 3-	336ACSR	2154	2099	2012	345	1086	24	5	0.00	0.15	0
CO26485+	OH207	1.90	1 1-	2ACSR	0	0	1990	344	8	0	0	0.00	0.15	0
CO26484+	CO26485	1.95	1 1-	2ACSR	0	0	1968	343	8	0	0	0.00	0.15	0
CO26483+	CO26484	1.99	1 1-	2ACSR	0	0	1951	343	8	0	0	0.00	0.15	0
CO26486+	OH207	1.99	246 3-	336ACSR	2124	2062	1970	344	1078	24	5	0.01	0.16	14
CO26464+	CO26486	2.12	246 3-	336ACSR	2095	2028	1931	344	1078	24	5	0.01	0.17	14
CO26505+	CO26464	2.15	246 3-	336ACSR	2089	2021	1923	344	1078	24	5	0.00	0.17	3
CO26504+	CO26505	2.22	246 3-	336ACSR	2076	2005	1904	343	1078	24	5	0.01	0.18	7
CO26465+	CO26504	2.30	244 3-	336ACSR	2058	1985	1881	343	1075	24	5	0.01	0.19	9
CO26355+	CO26465	2.47	244 3-	336ACSR	2024	1945	1835	342	1075	24	5	0.01	0.20	18
CO26445+	CO26355	2.64	241 3-	336ACSR	1991	1906	1792	341	1071	24	5	0.01	0.21	18
CO26446+	CO26445	2.68	241 3-	336ACSR	1984	1899	1783	341	1071	24	5	0.00	0.22	3
CO-2049075309+	CO26446	2.73	1 1-	2ACSR	0	0	1764	340	0	0	0	0.00	0.22	0
CO26447+	CO26446	2.81	240 3-	336ACSR	1959	1873	1752	340	1071	24	5	0.01	0.23	13
CO26448+	CO26447	2.85	238 3-	336ACSR	1952	1865	1743	340	1066	23	5	0.00	0.23	4
CO26449+	CO26448	2.91	238 3-	336ACSR	1941	1853	1727	340	1066	23	5	0.00	0.23	7
CO26450+	CO26449	2.96	238 3-	336ACSR	1933	1845	1717	340	1066	23	5	0.00	0.24	4
CO26451+	CO26450	3.01	236 3-	336ACSR	1922	1834	1705	339	1064	23	5	0.00	0.24	6
CO26452+	CO26451	3.07	236 3-	336ACSR	1912	1823	1692	339	1064	23	5	0.00	0.25	6
CO26405+	CO26452	3.09	130 3-	1/0ACSR	1906	1817	1685	339	578	12	6	0.00	0.25	2
CO26406+	CO26405	3.17	130 3-	1/0ACSR	1886	1796	1662	338	578	12	6	0.01	0.26	8
CO26407+	CO26406	3.22	130 3-	1/0ACSR	1875	1784	1649	338	578	12	6	0.00	0.26	4
CO26408+	CO26407	3.29	130 3-	1/0ACSR	1857	1765	1628	337	578	12	6	0.01	0.27	7
CO30444+	CO26408	3.33	130 3-	1/0ACSR	1848	1755	1617	336	578	12	6	0.00	0.27	4
CO30520+	CO30444	3.40	1 1-	4ACSR	0	0	1594	335	3	0	0	0.00	0.27	0
CO26368+	CO30520	3.45	1 1-	4ACSR	0	0	1577	334	3	0	0	0.00	0.27	0
CO26456+	CO30520	3.53	0 1-	4ACSR	0	0	1547	332	0	0	0	0.00	0.27	0
CO26864+	CO30444	3.40	1 1-	4ACSR	0	0	1594	335	6	0	0	0.00	0.27	0
CO26865+	CO26864	3.44	1 1-	4ACSR	0	0	1580	334	6	0	0	0.00	0.27	0
CO26943+	CO30444	3.49	128 3-	1/0ACSR	1809	1715	1573	335	568	12	6	0.02	0.29	15
CO26931+	CO26943	3.53	128 3-	1/0ACSR	1801	1706	1564	334	568	12	6	0.00	0.30	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26930+	CO26931	3.57	128 3-	1/0ACSR	1792	1698	1554	334	568	12	6	0.00	0.30	3
CO26766+	CO26930	3.70	128 3-	1/0ACSR	1761	1666	1521	333	568	12	6	0.01	0.31	12
CO26950+	CO26766	3.72	10 1-	4ACSR	0	0	1516	332	46	3	2	0.00	0.31	0
CO26951+	CO26950	3.74	6 1-	4ACSR	0	0	1507	332	24	1	1	0.00	0.32	0
CO26882+	CO26951	3.76	4 1-	4ACSR	0	0	1501	331	14	0	1	0.00	0.32	0
CO26883+	CO26882	3.91	3 1-	4ACSR	0	0	1455	328	13	0	1	0.00	0.32	0
CO26884+	CO26883	4.04	3 1-	4ACSR	0	0	1414	326	13	0	1	0.00	0.32	0
CO26885+	CO26884	4.07	1 1-	4ACSR	0	0	1407	325	1	0	0	0.00	0.32	0
CO26940+	CO26951	3.85	2 1-	4ACSR	0	0	1473	329	10	0	0	0.00	0.32	0
CO26886+	CO26940	3.90	2 1-	4ACSR	0	0	1456	328	10	0	0	0.00	0.32	0
CO26887+	CO26886	3.95	2 1-	4ACSR	0	0	1444	328	10	0	0	0.00	0.32	0
CO26888+	CO26887	4.00	1 1-	4ACSR	0	0	1427	326	7	0	0	0.00	0.32	0
CO26828+	CO26766	3.73	118 3-	1/0ACSR	1755	1659	1514	332	522	11	5	0.00	0.32	2
CO26827+	CO26828	3.89	118 3-	1/0ACSR	1720	1623	1475	331	522	11	5	0.02	0.33	13
CO26981+	CO26827	3.94	118 3-	1/0ACSR	1710	1614	1464	330	522	11	5	0.00	0.34	4
CO26982+	CO26981	4.00	117 3-	1/0ACSR	1696	1600	1449	330	521	11	5	0.01	0.34	5
CO26875+	CO26982	4.10	109 3-	1/0ACSR	1675	1580	1427	329	489	10	5	0.01	0.35	7
CO26876+	CO26875	4.13	109 3-	1/0ACSR	1669	1574	1420	328	489	10	5	0.00	0.36	2
CO26833+	CO26876	4.19	104 3-	1/0ACSR	1656	1561	1407	328	471	10	5	0.01	0.36	4
CO26834+	CO26833	4.26	104 3-	1/0ACSR	1643	1549	1393	327	471	10	5	0.01	0.37	4
CO26835+	CO26834	4.34	104 3-	1/0ACSR	1627	1533	1376	326	471	10	5	0.01	0.37	5
CO26836+	CO26835	4.37	103 3-	1/0ACSR	1622	1528	1370	326	462	10	4	0.00	0.38	0
CO26765+	CO26836	4.45	97 3-	1/0ACSR	1607	1513	1355	325	420	9	4	0.01	0.38	4
CO26824+	CO26765	4.47	1 1-	2ACSR	0	0	1350	325	5	0	0	0.00	0.38	0
CO26988+	CO26765	4.46	96 3-	1/0ACSR	1603	1510	1351	325	415	9	4	0.00	0.38	0
CO26825+	CO26988	4.48	1 1-	2ACSR	0	0	1347	325	11	0	0	0.00	0.38	0
CO26787+	CO26988	4.48	1 1-	4ACSR	0	0	1346	325	3	0	0	0.00	0.38	0
CO26987+	CO26988	4.66	94 3-	1/0ACSR	1567	1475	1314	323	401	8	4	0.01	0.40	9
CO26823+	CO26987	4.69	1 1-	4ACSR	0	0	1304	322	11	0	1	0.00	0.40	0
CO26780+	CO26987	4.77	93 3-	1/0ACSR	1546	1455	1293	322	391	8	4	0.01	0.41	5
CO26869+	CO26780	4.78	1 1-	2ACSR	0	0	1289	322	0	0	0	0.00	0.41	0
CO26870+	CO26869	4.81	1 1-	2ACSR	0	0	1284	321	0	0	0	0.00	0.41	0
CO26779+	CO26780	4.82	92 3-	1/0ACSR	1537	1445	1283	321	391	8	4	0.00	0.41	2
CO26812+	CO26779	4.86	0 1-	4ACSR	0	0	1273	321	0	0	0	0.00	0.41	0
CO26907+	CO26779	4.91	92 3-	1/0ACSR	1522	1431	1268	321	391	8	4	0.01	0.42	4
CO26906+	CO26907	5.02	91 3-	1/0ACSR	1503	1413	1249	320	379	8	4	0.01	0.42	5
CO26872+	CO26906	5.03	8 1-	2ACSR	0	0	1245	319	29	1	1	0.00	0.43	0
CO26873+	CO26872	5.05	8 1-	2ACSR	0	0	1242	319	29	1	1	0.00	0.43	0
CO26874+	CO26873	5.07	7 1-	2ACSR	0	0	1238	319	27	1	1	0.00	0.43	0
CO30492+	CO26874	5.29	5 1-	2ACSR	0	0	1196	316	25	1	1	0.01	0.43	0
CO26444+	CO30492	5.36	5 1-	2ACSR	0	0	1183	315	25	1	1	0.00	0.43	0
CO26443+	CO26444	5.41	4 1-	2ACSR	0	0	1175	314	14	0	1	0.00	0.43	0
CO26442+	CO26443	5.43	3 1-	2ACSR	0	0	1171	314	10	0	0	0.00	0.43	0
CO26441+	CO26442	5.53	3 1-	2ACSR	0	0	1154	313	10	0	0	0.00	0.44	0
CO26510+	CO26441	5.57	3 1-	2ACSR	0	0	1146	312	10	0	0	0.00	0.44	0
CO26511+	CO26510	5.90	2 1-	2ACSR	0	0	1092	308	2	0	0	0.00	0.44	0
CO26440+	CO26511	6.03	2 1-	2ACSR	0	0	1071	306	2	0	0	0.00	0.44	0
CO26508+	CO26440	6.16	1 1-	2ACSR	0	0	1052	305	0	0	0	0.00	0.44	0
CO26509+	CO26508	6.32	0 1-	2ACSR	0	0	1028	303	0	0	0	0.00	0.44	0
SW208-A+	CO26509	6.32	0 1-	Open	0	0	1028	303	0	0	0	0.00	0.44	0
CO26778+	CO26906	5.11	83 3-	1/0ACSR	1487	1398	1233	319	350	7	3	0.01	0.43	3
CO26777+	CO26778	5.21	80 3-	1/0ACSR	1470	1381	1216	318	338	7	3	0.01	0.44	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26784+	CO26777	5.36	80 3-	1/0ACSR	1446	1359	1192	316	338	7	3	0.01	0.45	5
CO26905+	CO26784	5.47	77 3-	1/0ACSR	1429	1342	1175	315	329	7	3	0.01	0.45	3
CO26947+	CO26905	5.55	77 3-	1/0ACSR	1416	1330	1163	314	329	7	3	0.01	0.46	3
CO26822+	CO26947	5.59	2 1-	2ACSR	0	0	1155	314	2	0	0	0.00	0.46	0
CO26946+	CO26947	5.62	75 3-	1/0ACSR	1406	1320	1152	314	327	7	3	0.00	0.46	0
CO26942+	CO26946	5.66	75 3-	1/0ACSR	1399	1314	1146	313	327	7	3	0.00	0.47	0
CO26810+	CO26942	5.69	1 1-	4ACSR	0	0	1140	313	8	0	0	0.00	0.47	0
CO26941+	CO26942	5.73	74 3-	1/0ACSR	1388	1304	1136	313	319	7	3	0.00	0.47	2
CO26924+	CO26941	5.81	74 3-	1/0ACSR	1377	1293	1125	312	319	7	3	0.00	0.47	2
CO26923+	CO26924	5.88	74 3-	1/0ACSR	1367	1284	1115	311	319	7	3	0.00	0.48	0
CO26929+	CO26923	5.94	60 3-	1/0ACSR	1357	1275	1106	311	255	5	2	0.00	0.48	0
CO26973+	CO26929	6.07	59 3-	1/0ACSR	1339	1257	1088	310	254	5	2	0.01	0.49	2
CO26972+	CO26973	6.23	59 3-	1/0ACSR	1317	1236	1067	308	254	5	2	0.01	0.50	3
CO26862+	CO26972	6.26	2 1-	4ACSR	0	0	1063	308	24	1	1	0.00	0.50	0
CO26863+	CO26862	6.29	1 1-	4ACSR	0	0	1057	307	13	0	1	0.00	0.50	0
CO26922+	CO26972	6.27	56 3-	1/0ACSR	1312	1232	1063	308	230	5	2	0.00	0.50	0
CO26921+	CO26922	6.29	56 3-	1/0ACSR	1309	1229	1060	308	230	5	2	0.00	0.50	0
CO26920+	CO26921	6.36	54 3-	1/0ACSR	1300	1221	1052	307	228	5	2	0.00	0.50	0
CO26919+	CO26920	6.41	54 3-	1/0ACSR	1294	1215	1046	306	228	5	2	0.00	0.50	0
CO26918+	CO26919	6.46	53 3-	1/0ACSR	1286	1208	1039	306	219	4	2	0.00	0.51	0
CO26917+	CO26918	6.53	50 3-	1/0ACSR	1278	1200	1031	305	209	4	2	0.00	0.51	0
CO26983+	CO26917	6.79	0 1-	4ACSR	0	0	989	301	0	0	0	0.00	0.51	0
CO26984+	CO26983	6.80	0 1-	4ACSR	0	0	986	301	0	0	0	0.00	0.51	0
CO26853+	CO26984	6.85	0 1-	4ACSR	0	0	979	300	0	0	0	0.00	0.51	0
CO26854+	CO26853	6.88	0 1-	4ACSR	0	0	973	299	0	0	0	0.00	0.51	0
CO26904+	CO26917	6.56	50 3-	1/0ACSR	1273	1196	1027	305	209	4	2	0.00	0.51	0
CO26903+	CO26904	6.61	48 3-	1/0ACSR	1268	1190	1021	305	200	4	2	0.00	0.51	0
CO26902+	CO26903	6.78	48 3-	1/0ACSR	1247	1171	1002	303	200	4	2	0.01	0.52	0
CO26803+	CO26902	6.83	1 1-	4ACSR	0	0	994	302	8	0	0	0.00	0.52	0
CO26802+	CO26902	6.83	3 1-	4ACSR	0	0	994	302	9	0	0	0.00	0.52	0
CO26985+	CO26902	6.78	31 1-	4ACSR	0	0	1001	303	102	6	5	0.00	0.52	0
OC826+	CO26985	6.78	31 1-	35 H OCR	0	0	1001	303	102	6	20	0.00	0.52	0
XFMR77	OC826	6.78	31 1-	167 KVA 1PH AUT	0	0	611	167	102	6	59	0.32	0.84	0
CO26986	XFMR77	7.09	31 1-	4ACSR	0	0	584	164	102	13	10	0.19	1.03	31
CO26772	CO26986	7.22	30 1-	4ACSR	0	0	573	163	99	13	10	0.08	1.11	12
CO26966	CO26772	7.25	26 1-	4ACSR	0	0	570	162	93	12	9	0.02	1.12	3
CO26975	CO26966	7.75	25 1-	4ACSR	0	0	528	157	91	12	9	0.27	1.39	40
CO26976	CO26975	7.85	25 1-	4ACSR	0	0	520	156	90	12	9	0.06	1.45	9
CO26958	CO26976	8.17	25 1-	4ACSR	0	0	495	154	90	12	9	0.17	1.62	25
CO26959	CO26958	8.20	24 1-	4ACSR	0	0	493	153	87	11	8	0.02	1.64	2
CO26781	CO26959	8.33	12 1-	4ACSR	0	0	483	152	57	7	5	0.05	1.68	4
CO30496	CO26781	8.73	9 1-	4ACSR	0	0	456	149	31	4	3	0.06	1.74	3
CO29315	CO30496	8.88	6 1-	4ACSR	0	0	446	147	16	2	2	0.01	1.76	0
CO29343	CO29315	8.92	2 1-	4ACSR	0	0	443	147	0	0	0	0.00	1.76	0
CO29344	CO29343	9.01	1 1-	4ACSR	0	0	438	146	0	0	0	0.00	1.76	0
CO29323	CO29315	8.98	4 1-	4ACSR	0	0	440	146	15	2	1	0.01	1.77	0
CO29324	CO29323	9.14	4 1-	4ACSR	0	0	430	145	15	2	1	0.02	1.78	0
CO29379	CO29324	9.24	2 1-	4ACSR	0	0	423	144	4	0	0	0.00	1.79	0
CO29380	CO29379	9.36	2 1-	4ACSR	0	0	416	143	4	0	0	0.00	1.79	0
CO29316	CO29324	9.53	2 1-	4ACSR	0	0	406	142	11	1	1	0.03	1.81	0
CO29377	CO29316	9.55	1 1-	4ACSR	0	0	405	142	11	1	1	0.00	1.81	0
CO29378	CO29377	9.58	1 1-	4ACSR	0	0	404	142	11	1	1	0.00	1.81	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29376	CO29378	9.65	1 1-	4ACSR	0	0	400	141	11	1	1	0.00	1.82	0
CO29340	CO29323	9.00	0 1-	4ACSR	0	0	438	146	0	0	0	0.00	1.77	0
CO29342	CO30496	8.78	2 1-	4ACSR	0	0	452	148	4	0	0	0.00	1.75	0
CO29381	CO29342	8.82	1 1-	4ACSR	0	0	449	148	4	0	0	0.00	1.75	0
CO29382	CO29381	8.90	1 1-	4ACSR	0	0	445	147	4	0	0	0.00	1.75	0
CO26860	CO26781	8.38	3 1-	4ACSR	0	0	480	152	26	3	3	0.01	1.69	0
CO26861	CO26860	8.41	1 1-	4ACSR	0	0	478	151	10	1	1	0.00	1.69	0
CO26771	CO26959	8.36	12 1-	4ACSR	0	0	482	152	31	4	3	0.03	1.67	0
CO26775	CO26771	8.40	9 1-	4ACSR	0	0	478	151	20	2	2	0.01	1.67	0
CO26935	CO26775	8.49	8 1-	4ACSR	0	0	472	151	17	2	2	0.01	1.68	0
CO26819	CO26935	8.54	1 1-	2/0ACSR	0	0	470	150	0	0	0	0.00	1.68	0
CO26962	CO26935	8.57	6 1-	4ACSR	0	0	466	150	15	2	1	0.01	1.69	0
CO26963	CO26962	8.71	5 1-	4ACSR	0	0	457	149	11	1	1	0.01	1.70	0
CO-459276728	CO26963	8.77	4 1-	2ACSR	0	0	454	148	8	1	1	0.00	1.70	0
CO26776	CO-459276728	8.83	3 1-	4ACSR	0	0	450	148	7	0	1	0.00	1.70	0
CO26806	CO26776	8.90	1 1-	4ACSR	0	0	445	147	0	0	0	0.00	1.70	0
CO26915	CO26776	8.92	2 1-	4ACSR	0	0	444	147	7	0	1	0.00	1.71	0
CO26916	CO26915	9.00	2 1-	4ACSR	0	0	438	146	7	0	1	0.00	1.71	0
CO26809	CO26916	9.07	1 1-	4ACSR	0	0	434	146	4	0	0	0.00	1.71	0
CO26912	CO26916	9.22	1 1-	4ACSR	0	0	425	145	3	0	0	0.00	1.71	0
CO26913	CO26912	9.35	0 1-	4ACSR	0	0	418	144	0	0	0	0.00	1.71	0
CO26914	CO26913	9.47	0 1-	4ACSR	0	0	411	143	0	0	0	0.00	1.71	0
CO26816	CO26914	9.52	0 1-	4ACSR	0	0	408	142	0	0	0	0.00	1.71	0
CO26817	CO-459276728	8.84	1 1-	2ACSR	0	0	450	148	2	0	0	0.00	1.70	0
CO-600350333	CO26963	8.73	0 1-	2ACSR	0	0	456	149	0	0	0	0.00	1.70	0
CO26807	CO26775	8.45	1 1-	4ACSR	0	0	475	151	3	0	0	0.00	1.67	0
CO26908	CO26771	8.47	3 1-	4ACSR	0	0	473	151	11	1	1	0.01	1.68	0
CO26909	CO26908	8.55	3 1-	4ACSR	0	0	468	150	11	1	1	0.01	1.68	0
CO26960	CO26909	8.60	3 1-	4ACSR	0	0	464	150	11	1	1	0.00	1.68	0
CO26961	CO26960	8.66	2 1-	4ACSR	0	0	460	149	11	1	1	0.00	1.69	0
CO26910	CO26961	8.77	2 1-	4ACSR	0	0	453	148	11	1	1	0.00	1.69	0
CO26911	CO26910	8.81	1 1-	4ACSR	0	0	450	148	0	0	0	0.00	1.69	0
CO26964	CO26772	7.32	4 1-	4ACSR	0	0	564	162	6	0	1	0.00	1.11	0
CO26965	CO26964	7.36	3 1-	4ACSR	0	0	560	161	6	0	1	0.00	1.11	0
CO26900	CO26965	7.47	3 1-	4ACSR	0	0	551	160	6	0	1	0.00	1.11	0
CO26901	CO26900	7.57	3 1-	4ACSR	0	0	542	159	6	0	1	0.00	1.12	0
CO26773	CO26901	7.66	2 1-	4ACSR	0	0	535	158	2	0	0	0.00	1.12	0
CO26813	CO26773	7.71	1 1-	4ACSR	0	0	531	158	2	0	0	0.00	1.12	0
CO26774	CO26773	7.76	1 1-	4ACSR	0	0	527	157	0	0	0	0.00	1.12	0
CO26782	CO26774	7.87	1 1-	4ACSR	0	0	518	156	0	0	0	0.00	1.12	0
CO26814	CO26782	7.98	1 1-	4ACSR	0	0	509	155	0	0	0	0.00	1.12	0
CO26805	CO26782	8.06	0 1-	4ACSR	0	0	503	155	0	0	0	0.00	1.12	0
CO26815	CO26774	7.80	0 1-	4ACSR	0	0	524	157	0	0	0	0.00	1.12	0
CO26804	CO26901	7.64	1 1-	4ACSR	0	0	536	158	5	0	0	0.00	1.12	0
CO822523706	CO26804	7.67	1 1-	2ACSR	0	0	535	158	5	0	0	0.00	1.12	0
CO26851	CO26986	7.13	1 1-	4ACSR	0	0	580	164	3	0	0	0.00	1.03	0
CO26852	CO26851	7.15	1 1-	4ACSR	0	0	578	163	3	0	0	0.00	1.03	0
CO26937+	CO26902	7.13	12 3-	1/0ACSR	1205	1132	964	300	79	1	1	0.01	0.52	0
CO26821+	CO26937	7.16	1 1-	2ACSR	0	0	960	300	7	0	0	0.00	0.52	0
CO26936+	CO26937	7.39	11 3-	1/0ACSR	1175	1104	936	298	72	1	1	0.00	0.53	0
CO26897+	CO26936	7.52	9 3-	1/0ACSR	1161	1091	924	297	46	1	0	0.00	0.53	0
CO26898+	CO26897	7.57	9 3-	1/0ACSR	1156	1086	919	296	46	1	0	0.00	0.53	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26899+	CO26898	7.62	9 3-	1/0ACSR	1151	1081	914	296	46	1	0	0.00	0.53	0
CO26569+	CO26899	7.65	9 3-	1/0ACSR	1148	1078	912	296	46	1	0	0.00	0.53	0
CO26610+	CO26569	7.68	9 3-	1/0ACSR	1144	1075	908	295	46	1	0	0.00	0.53	0
CO26613+	CO26610	7.73	7 3-	1/0ACSR	1139	1070	904	295	22	0	0	0.00	0.53	0
CO26614+	CO26613	7.90	7 3-	1/0ACSR	1122	1054	888	293	22	0	0	0.00	0.53	0
CO26615+	CO26614	8.00	6 3-	1/0ACSR	1111	1044	879	292	17	0	0	0.00	0.53	0
CO26616+	CO26615	8.06	5 3-	1/0ACSR	1105	1039	874	292	17	0	0	0.00	0.53	0
CO26621+	CO26616	8.10	3 1-	4ACSR	0	0	869	291	12	0	1	0.00	0.53	0
CO26622+	CO26621	8.18	1 1-	4ACSR	0	0	859	290	0	0	0	0.00	0.53	0
CO26617+	CO26622	8.30	1 1-	4ACSR	0	0	845	288	0	0	0	0.00	0.53	0
CO26620+	CO26616	8.19	2 3-	1/0ACSR	1093	1027	862	291	5	0	0	0.00	0.53	0
CO26753+	CO26620	8.26	0 3-	1/0ACSR	1086	1021	857	290	0	0	0	0.00	0.53	0
OC825	CO26753	8.26	0 3-	100 E OCR	1086	1021	857	290	0	0	0	125.47	126.00	0
CO26611+	CO26610	7.71	2 2-	4ACSR	0	1071	904	295	24	0	1	0.00	0.53	0
CO26609+	CO26611	7.74	1 1-	2ACSR	0	0	901	294	7	0	0	0.00	0.53	0
CO26612+	CO26611	7.76	1 2-	4ACSR	0	1064	898	294	17	0	0	0.00	0.53	0
CO622804538+	CO26936	7.43	1 1-	2ACSR	0	0	931	297	6	0	0	0.00	0.53	0
CO1100090106+	CO622804538	7.46	1 1-	2ACSR	0	0	928	297	6	0	0	0.00	0.53	0
CO26811+	CO26923	5.95	1 1-	4ACSR	0	0	1101	310	13	0	1	0.00	0.48	0
CO26925+	CO26923	5.91	12 1-	4ACSR	0	0	1110	311	47	3	2	0.00	0.48	0
CO26926+	CO26925	5.99	12 1-	4ACSR	0	0	1094	309	47	3	2	0.01	0.49	0
CO26826+	CO26926	6.04	1 1-	4ACSR	0	0	1083	308	3	0	0	0.00	0.49	0
CO26927+	CO26926	6.03	10 1-	4ACSR	0	0	1085	308	44	2	2	0.00	0.49	0
CO26928+	CO26927	6.08	9 1-	4ACSR	0	0	1077	308	34	2	2	0.00	0.49	0
CO26971+	CO26928	6.20	9 1-	4ACSR	0	0	1055	305	34	2	2	0.01	0.50	0
CO30491+	CO26971	6.34	8 1-	4ACSR	0	0	1030	303	29	1	1	0.01	0.50	0
CO26434+	CO30491	6.38	7 1-	4ACSR	0	0	1023	302	29	1	1	0.00	0.51	0
CO26514+	CO26434	6.43	7 1-	4ACSR	0	0	1015	301	29	1	1	0.00	0.51	0
CO26515+	CO26514	6.49	6 1-	4ACSR	0	0	1004	300	24	1	1	0.00	0.51	0
CO26433+	CO26515	6.55	5 1-	4ACSR	0	0	995	299	23	1	1	0.00	0.51	0
CO26432+	CO26433	6.66	3 1-	4ACSR	0	0	977	297	20	1	1	0.00	0.51	0
CO26380+	CO26432	6.72	1 1-	4ACSR	0	0	968	296	9	0	0	0.00	0.52	0
CO26435+	CO26432	6.75	2 1-	4ACSR	0	0	962	296	11	0	1	0.00	0.52	0
CO26516+	CO26435	6.79	2 1-	4ACSR	0	0	957	295	11	0	1	0.00	0.52	0
CO26517+	CO26516	7.10	1 1-	4ACSR	0	0	911	290	5	0	0	0.00	0.52	0
CO26855+	CO26784	5.40	3 1-	4ACSR	0	0	1184	316	9	0	0	0.00	0.45	0
CO26856+	CO26855	5.51	2 1-	4ACSR	0	0	1159	313	9	0	0	0.00	0.45	0
CO26857+	CO26856	5.57	1 1-	4ACSR	0	0	1148	312	2	0	0	0.00	0.45	0
CO26858+	CO26778	5.16	2 1-	4ACSR	0	0	1221	318	1	0	0	0.00	0.43	0
CO26859+	CO26858	5.22	0 1-	4ACSR	0	0	1208	317	0	0	0	0.00	0.43	0
CO30493+	CO26836	4.50	5 1-	4ACSR	0	0	1336	323	40	2	2	0.01	0.38	0
CO26512+	CO30493	4.56	4 1-	4ACSR	0	0	1320	322	31	2	1	0.00	0.39	0
CO26455+	CO26512	4.62	3 1-	4ACSR	0	0	1304	321	25	1	1	0.00	0.39	0
CO26395+	CO26455	4.66	1 1-	2ACSR	0	0	1296	320	4	0	0	0.00	0.39	0
CO26454+	CO26455	4.70	2 1-	4ACSR	0	0	1282	319	20	1	1	0.00	0.39	0
CO26453+	CO26454	4.76	1 1-	4ACSR	0	0	1268	318	14	0	1	0.00	0.39	0
CO26786+	CO26836	4.38	1 1-	4ACSR	0	0	1367	326	1	0	0	0.00	0.38	0
CO26877+	CO26876	4.15	3 1-	4ACSR	0	0	1415	328	11	0	1	0.00	0.36	0
CO26878+	CO26877	4.21	3 1-	4ACSR	0	0	1399	327	11	0	1	0.00	0.36	0
CO26879+	CO26878	4.26	2 1-	4ACSR	0	0	1384	326	11	0	1	0.00	0.36	0
CO26847+	CO26876	4.17	2 1-	4ACSR	0	0	1409	327	7	0	0	0.00	0.36	0
CO26785+	CO26847	4.28	0 1-	4ACSR	0	0	1379	325	0	0	0	0.00	0.36	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26848+	CO26847	4.24	2 1-	4ACSR	0	0	1390	326	7	0	0	0.00	0.36	0
CO26796+	CO26848	4.34	2 1-	4ACSR	0	0	1362	324	7	0	0	0.00	0.36	0
CO-1741371577+	CO26796	4.44	1 1-	2ACSR	0	0	1339	323	7	0	0	0.00	0.36	0
CO26837+	CO26982	4.12	8 1-	4ACSR	0	0	1414	327	32	2	2	0.01	0.35	0
CO26838+	CO26837	4.17	8 1-	4ACSR	0	0	1400	326	32	2	2	0.00	0.35	0
CO26839+	CO26838	4.24	8 1-	4ACSR	0	0	1381	325	32	2	2	0.00	0.35	0
CO26979+	CO26839	4.38	8 1-	4ACSR	0	0	1341	322	32	2	2	0.01	0.36	0
CO26980+	CO26979	4.55	8 1-	4ACSR	0	0	1294	319	32	2	2	0.01	0.37	0
CO26849+	CO26980	4.69	5 1-	4ACSR	0	0	1260	316	14	0	1	0.00	0.37	0
CO26956+	CO26849	4.72	5 1-	4ACSR	0	0	1253	315	14	0	1	0.00	0.37	0
CO26957+	CO26956	4.87	4 1-	4ACSR	0	0	1215	312	13	0	1	0.00	0.38	0
CO26797+	CO26957	4.94	1 1-	4ACSR	0	0	1198	311	0	0	0	0.00	0.38	0
CO26989+	CO26957	5.11	3 1-	4ACSR	0	0	1161	308	13	0	1	0.00	0.38	0
CO26974+	CO26989	5.26	3 1-	4ACSR	0	0	1128	305	13	0	1	0.00	0.38	0
CO26967+	CO26974	5.29	3 1-	4ACSR	0	0	1121	305	13	0	1	0.00	0.38	0
CO26968+	CO26967	5.57	2 1-	4ACSR	0	0	1063	300	11	0	1	0.00	0.39	0
CO26880+	CO26980	4.59	3 1-	4ACSR	0	0	1284	318	17	1	1	0.00	0.37	0
CO26881+	CO26880	4.63	2 1-	4ACSR	0	0	1275	317	8	0	0	0.00	0.37	0
CO26410+	CO26452	3.28	106 3-	1/0ACSR	1859	1767	1630	337	486	10	5	0.02	0.27	15
CO30442+	CO26410	3.51	2 1-	2ACSR	0	0	1561	334	13	0	0	0.00	0.27	0
CO26868+	CO30442	3.60	2 1-	2ACSR	0	0	1536	332	13	0	0	0.00	0.27	0
CO26458+	CO26410	3.39	2 1-	4ACSR	0	0	1591	335	14	0	1	0.00	0.27	0
CO26457+	CO26458	3.45	1 1-	4ACSR	0	0	1573	333	5	0	0	0.00	0.27	0
CO26409+	CO26410	3.50	102 3-	1/0ACSR	1809	1715	1573	335	459	10	5	0.02	0.28	13
CO26555+	CO26409	3.50	72 1-	4ACSR	0	0	1571	335	348	23	17	0.00	0.29	0
OC814+	CO26555	3.50	72 1-	35 H OCR	0	0	1571	335	348	23	67	0.00	0.29	0
CO26556+	OC814	3.56	72 1-	4ACSR	0	0	1552	333	348	23	17	0.03	0.32	16
CO26370+	CO26556	3.63	1 1-	4ACSR	0	0	1529	332	1	0	0	0.00	0.32	0
CO26412+	CO26556	3.62	71 1-	4ACSR	0	0	1533	332	347	23	17	0.03	0.35	17
CO26411+	CO26412	3.69	71 1-	4ACSR	0	0	1508	331	347	23	17	0.04	0.39	22
CO26369+	CO26411	3.77	1 1-	4ACSR	0	0	1482	329	2	0	0	0.00	0.39	0
CO30338+	CO26411	3.89	70 1-	4ACSR	0	0	1445	327	345	23	17	0.10	0.49	57
CO26829+	CO30338	4.11	68 1-	4ACSR	0	0	1379	322	337	22	16	0.11	0.60	59
CO26866+	CO26829	4.16	0 1-	2ACSR	0	0	1367	322	0	0	0	0.00	0.60	0
CO26867+	CO26866	4.41	0 1-	2ACSR	0	0	1307	318	0	0	0	0.00	0.60	0
CO26783+	CO26829	4.16	67 1-	2ACSR	0	0	1365	321	329	22	12	0.02	0.63	10
CO30572+	CO26783	4.24	67 1-	4ACSR	0	0	1343	320	329	22	16	0.04	0.66	20
CO26932+	CO30572	4.63	67 1-	4ACSR	0	0	1239	312	329	22	16	0.20	0.86	105
CO26800+	CO26932	4.77	1 1-	4ACSR	0	0	1206	310	22	1	1	0.00	0.86	0
CO26871+	CO26932	4.86	66 1-	4ACSR	0	0	1182	308	306	20	15	0.11	0.97	54
CO26933+	CO26871	5.06	66 1-	4ACSR	0	0	1137	305	306	20	15	0.09	1.07	46
CO26934+	CO26933	5.12	66 1-	4ACSR	0	0	1124	304	306	20	15	0.03	1.10	14
CO30436+	CO26934	5.21	64 1-	4ACSR	0	0	1106	302	300	20	15	0.04	1.14	19
CO25332+	CO30436	5.27	64 1-	4ACSR	0	0	1093	301	300	20	15	0.03	1.16	14
CO25333+	CO25332	5.40	64 1-	4ACSR	0	0	1067	299	300	20	15	0.06	1.22	28
CO25331+	CO25333	5.67	63 1-	4ACSR	0	0	1015	294	297	20	14	0.13	1.35	60
XFMR80	CO25331	5.67	62 1-	167 KVA 1PH AUT	0	0	623	166	295	20	174	1.05	2.40	0
CO25334	XFMR80	5.83	62 1-	4ACSR	0	0	608	164	295	40	29	0.28	2.67	133
CO25330	CO25334	5.95	61 1-	4ACSR	0	0	597	163	286	39	28	0.20	2.88	95
CO25232	CO25330	6.08	43 1-	4ACSR	0	0	584	162	209	28	20	0.17	3.05	57
CO25247	CO25232	6.16	0 1-	4ACSR	0	0	576	161	0	0	0	0.00	3.05	0
CO25379	CO25232	6.08	42 1-	4ACSR	0	0	584	162	208	28	20	0.01	3.06	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC763	CO25379	6.08	42 1-	35 H OCR	0	0	584	162	208	28	82	0.00	3.06	0
CO25380	OC763	6.19	42 1-	4ACSR	0	0	574	161	208	28	20	0.13	3.19	43
CO25308	CO25380	6.29	41 1-	4ACSR	0	0	565	160	196	26	19	0.12	3.30	38
CO25369	CO25308	6.39	3 1-	4ACSR	0	0	555	159	7	0	1	0.00	3.31	0
CO25366	CO25369	6.51	2 1-	4ACSR	0	0	544	157	4	0	0	0.00	3.31	0
CO25368	CO25366	6.61	0 1-	4ACSR	0	0	536	157	0	0	0	0.00	3.31	0
CO25367	CO25368	6.67	0 1-	4ACSR	0	0	531	156	0	0	0	0.00	3.31	0
CO25310	CO25308	6.52	37 1-	4ACSR	0	0	544	157	188	25	18	0.26	3.57	82
CO25309	CO25310	6.69	37 1-	4ACSR	0	0	529	156	187	25	18	0.20	3.77	63
CO25248	CO25309	6.78	1 1-	4ACSR	0	0	522	155	3	0	0	0.00	3.77	0
CO25312	CO25309	6.91	36 1-	4ACSR	0	0	512	154	184	25	18	0.24	4.01	73
CO25311	CO25312	7.00	35 1-	4ACSR	0	0	504	153	183	25	18	0.10	4.12	32
CO25325	CO25311	7.11	1 1-	4ACSR	0	0	495	152	9	1	1	0.01	4.12	0
CO25320	CO25325	7.36	1 1-	4ACSR	0	0	477	150	9	1	1	0.01	4.14	0
CO25324	CO25320	7.41	1 1-	4ACSR	0	0	473	149	9	1	1	0.00	4.14	0
CO25321	CO25324	7.51	1 1-	4ACSR	0	0	466	148	9	1	1	0.01	4.14	0
CO25323	CO25321	7.58	1 1-	4ACSR	0	0	460	148	9	1	1	0.00	4.15	0
CO25322	CO25323	7.66	1 1-	4ACSR	0	0	455	147	9	1	1	0.00	4.15	0
CO25314	CO25311	7.02	34 1-	4ACSR	0	0	502	153	175	24	17	0.03	4.14	8
CO25313	CO25314	7.06	34 1-	4ACSR	0	0	499	152	175	24	17	0.04	4.19	12
CO25315	CO25313	7.19	33 1-	4ACSR	0	0	489	151	171	23	17	0.13	4.32	38
CO25371	CO25315	7.32	1 1-	4ACSR	0	0	479	150	0	0	0	0.00	4.32	0
CO25370	CO25371	7.40	1 1-	4ACSR	0	0	474	149	0	0	0	0.00	4.32	0
CO25317	CO25315	7.26	32 1-	4ACSR	0	0	484	151	170	23	17	0.08	4.40	23
CO25316	CO25317	7.50	32 1-	4ACSR	0	0	466	149	170	23	17	0.25	4.65	71
CO25233	CO25316	7.72	2 1-	4ACSR	0	0	451	147	4	0	0	0.01	4.66	0
CO25249	CO25233	7.99	2 1-	4ACSR	0	0	434	144	4	0	0	0.00	4.66	0
CO25295	CO25316	7.59	30 1-	4ACSR	0	0	460	148	166	23	16	0.09	4.74	26
CO25294	CO25295	7.71	29 1-	4ACSR	0	0	452	147	162	22	16	0.12	4.87	33
CO25319	CO25294	7.82	28 1-	4ACSR	0	0	445	146	156	21	16	0.10	4.97	26
CO25318	CO25319	7.95	28 1-	4ACSR	0	0	436	145	156	21	16	0.13	5.09	33
CO30342	CO25318	8.07	27 1-	4ACSR	0	0	429	144	154	21	15	0.11	5.21	29
CO1161660832	CO30342	8.20	1 1-	4ACSR	0	0	420	143	0	0	0	0.00	5.21	0
CO25166	CO30342	8.20	16 1-	4ACSR	0	0	420	143	118	16	12	0.10	5.30	18
CO25165	CO25166	8.29	15 1-	4ACSR	0	0	415	142	110	15	11	0.06	5.36	11
CO25163	CO25165	8.31	15 1-	4ACSR	0	0	414	142	110	15	11	0.02	5.38	4
CO25162	CO25163	8.40	15 1-	4ACSR	0	0	409	141	110	15	11	0.06	5.44	10
CO25164	CO25162	8.46	14 1-	4ACSR	0	0	405	141	105	14	11	0.04	5.48	8
CO24996	CO25164	8.67	12 1-	4ACSR	0	0	394	139	103	14	10	0.13	5.61	23
CO1907268928	CO24996	8.71	1 1-	2ACSR	0	0	392	139	17	2	1	0.00	5.61	0
CO25170	CO24996	8.69	8 1-	4ACSR	0	0	392	139	63	8	6	0.01	5.62	0
CO25169	CO25170	8.71	8 1-	4ACSR	0	0	391	139	63	8	6	0.01	5.63	0
CO25077	CO25169	8.81	8 1-	4ACSR	0	0	386	138	63	8	6	0.04	5.67	4
CO24997	CO25077	8.84	7 1-	4ACSR	0	0	385	138	53	7	5	0.01	5.68	0
CO25078	CO24997	8.87	5 1-	4ACSR	0	0	383	138	38	5	4	0.01	5.68	0
CO25080	CO25078	8.92	4 1-	4ACSR	0	0	380	137	27	3	3	0.01	5.69	0
CO25079	CO25080	8.99	3 1-	4ACSR	0	0	377	137	20	2	2	0.01	5.70	0
CO25124	CO25079	9.04	1 1-	4ACSR	0	0	375	136	8	1	1	0.00	5.70	0
CO25123	CO25124	9.08	1 1-	4ACSR	0	0	372	136	8	1	1	0.00	5.70	0
CO25050	CO25079	9.06	1 1-	4ACSR	0	0	373	136	8	1	1	0.00	5.70	0
CO25054	CO25080	9.00	1 1-	2ACSR	0	0	377	137	7	0	1	0.00	5.69	0
CO25038	CO24997	8.89	2 1-	4ACSR	0	0	382	138	15	2	2	0.00	5.68	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25037	CO25077	8.86	1 1-	4ACSR	0	0	384	138	10	1	1	0.00	5.67	0
CO25036	CO24996	8.75	3 1-	4ACSR	0	0	389	139	23	3	2	0.01	5.62	0
CO25051	CO25036	8.79	0 1-	2ACSR	0	0	388	138	0	0	0	0.00	5.62	0
CO25035	CO25164	8.65	1 1-	4ACSR	0	0	395	139	2	0	0	0.00	5.48	0
CO25115	CO25164	8.52	1 1-	4ACSR	0	0	402	140	0	0	0	0.00	5.48	0
CO25114	CO25115	8.56	1 1-	4ACSR	0	0	400	140	0	0	0	0.00	5.48	0
CO25076	CO30342	8.25	10 1-	4ACSR	0	0	417	142	36	5	4	0.04	5.25	3
CO25168	CO25076	8.37	10 1-	4ACSR	0	0	411	141	36	5	4	0.02	5.27	0
CO25167	CO25168	8.47	8 1-	4ACSR	0	0	404	141	30	4	3	0.02	5.29	0
CO25137	CO25167	8.60	5 1-	4ACSR	0	0	397	140	23	3	2	0.02	5.31	0
CO25136	CO25137	8.72	4 1-	4ACSR	0	0	391	139	15	2	2	0.01	5.32	0
CO25081	CO25136	9.01	1 1-	4ACSR	0	0	376	137	0	0	0	0.00	5.32	0
CO25083	CO25081	9.20	1 1-	4ACSR	0	0	367	135	0	0	0	0.00	5.32	0
CO25082	CO25083	9.42	1 1-	4ACSR	0	0	356	134	0	0	0	0.00	5.32	0
CO25113	CO25136	8.79	3 1-	4ACSR	0	0	387	138	15	2	2	0.01	5.33	0
CO968804974	CO25113	8.87	1 1-	2ACSR	0	0	384	138	0	0	0	0.00	5.33	0
CO25186	CO25113	8.83	2 1-	4ACSR	0	0	385	138	15	2	2	0.00	5.33	0
CO25185	CO25186	8.88	1 1-	4ACSR	0	0	382	138	8	1	1	0.00	5.33	0
CO25117	CO25167	8.54	3 1-	4ACSR	0	0	401	140	7	0	1	0.00	5.30	0
CO25049	CO25117	8.60	1 1-	4ACSR	0	0	398	140	7	0	1	0.00	5.30	0
CO-1381373888	CO25049	8.67	0 1-	2ACSR	0	0	394	139	0	0	0	0.00	5.30	0
CO25116	CO25117	8.81	1 1-	4ACSR	0	0	386	138	0	0	0	0.00	5.30	0
CO25250	CO25294	7.78	1 1-	4ACSR	0	0	447	146	5	0	1	0.00	4.87	0
CO25381	CO25330	5.95	17 1-	4ACSR	0	0	596	163	69	9	7	0.00	2.88	0
OC764	CO25381	5.95	17 1-	35 H OCR	0	0	596	163	69	9	27	0.00	2.88	0
CO25382	OC764	6.10	17 1-	4ACSR	0	0	582	162	69	9	7	0.06	2.94	6
CO25246	CO25382	6.23	1 1-	4ACSR	0	0	570	160	4	0	0	0.00	2.94	0
CO25297	CO25382	6.19	14 1-	4ACSR	0	0	574	161	57	7	6	0.03	2.97	3
CO25298	CO25297	6.27	14 1-	4ACSR	0	0	566	160	57	7	6	0.03	3.00	3
CO25296	CO25298	6.32	14 1-	4ACSR	0	0	562	159	57	7	6	0.02	3.02	0
CO25300	CO25296	6.41	13 1-	4ACSR	0	0	554	158	55	7	5	0.03	3.05	3
CO-1620572351	CO25300	6.55	1 1-	2ACSR	0	0	543	158	7	0	1	0.00	3.05	0
CO25299	CO25300	6.62	11 1-	4ACSR	0	0	535	156	48	6	5	0.06	3.11	5
CO25372	CO25299	6.67	2 1-	4ACSR	0	0	531	156	7	0	1	0.00	3.11	0
CO30355	CO25372	6.86	2 1-	4ACSR	0	0	515	154	7	0	1	0.00	3.11	0
CO25304	CO25299	6.72	9 1-	4ACSR	0	0	527	156	41	5	4	0.02	3.13	0
CO25301	CO25304	6.79	9 1-	4ACSR	0	0	521	155	41	5	4	0.02	3.15	0
CO25303	CO25301	7.17	9 1-	4ACSR	0	0	491	151	41	5	4	0.09	3.25	6
CO25302	CO25303	7.31	9 1-	4ACSR	0	0	480	150	41	5	4	0.03	3.28	2
CO25365	CO25302	7.41	2 1-	4ACSR	0	0	473	149	10	1	1	0.01	3.29	0
CO25362	CO25365	7.48	2 1-	4ACSR	0	0	468	149	10	1	1	0.00	3.29	0
CO25364	CO25362	7.56	2 1-	4ACSR	0	0	462	148	10	1	1	0.00	3.29	0
CO25363	CO25364	7.64	1 1-	4ACSR	0	0	457	147	1	0	0	0.00	3.29	0
CO25234	CO25302	7.43	7 1-	4ACSR	0	0	472	149	31	4	3	0.02	3.30	0
CO25359	CO25234	7.66	4 1-	4ACSR	0	0	455	147	14	1	1	0.01	3.31	0
CO25361	CO25359	7.70	1 1-	4ACSR	0	0	452	147	4	0	0	0.00	3.31	0
CO25360	CO25361	7.75	0 1-	4ACSR	0	0	449	146	0	0	0	0.00	3.31	0
CO25358	CO25359	7.76	2 1-	4ACSR	0	0	448	146	0	0	0	0.00	3.31	0
CO-1997321737	CO25358	8.07	2 1-	2ACSR	0	0	432	145	0	0	0	0.00	3.31	0
CO25306	CO25234	7.51	1 1-	4ACSR	0	0	466	148	14	1	1	0.01	3.31	0
CO25305	CO25306	7.58	1 1-	4ACSR	0	0	461	148	14	1	1	0.01	3.31	0
CO25307	CO25305	7.72	1 1-	4ACSR	0	0	451	147	14	1	1	0.01	3.32	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26894+	CO26934	5.25	1 1-	4ACSR	0	0	1098	301	3	0	0	0.00	1.10	0
CO26895+	CO26894	5.30	1 1-	4ACSR	0	0	1087	300	3	0	0	0.00	1.10	0
CO26554+	CO26409	3.50	30 1-	4ACSR	0	0	1571	335	112	7	5	0.00	0.29	0
OC812+	CO26554	3.50	30 1-	20 N FUSE	0	0	1571	335	112	7	38	0.00	0.29	0
XFMR78	OC812	3.50	30 1-	167 KVA 1PH AUT	0	0	678	172	112	7	65	0.35	0.64	0
CO30443	XFMR78	3.76	30 1-	4ACSR	0	0	652	169	112	15	11	0.17	0.81	31
CO26795	CO30443	3.79	1 1-	4ACSR	0	0	649	169	2	0	0	0.00	0.81	0
CO26840	CO30443	3.97	29 1-	4ACSR	0	0	631	167	109	14	11	0.13	0.95	24
CO26841	CO26840	4.18	29 1-	4ACSR	0	0	610	165	109	14	11	0.14	1.09	25
CO26842	CO26841	4.54	29 1-	4ACSR	0	0	576	161	109	14	11	0.23	1.31	38
CO26794	CO26842	4.65	1 1-	4ACSR	0	0	565	160	1	0	0	0.00	1.32	0
CO26843	CO26842	4.59	27 1-	4ACSR	0	0	571	160	97	13	9	0.03	1.35	5
CO26844	CO26843	4.61	27 1-	4ACSR	0	0	569	160	97	13	9	0.01	1.36	0
CO26793	CO26844	4.67	1 1-	4ACSR	0	0	564	160	3	0	0	0.00	1.36	0
CO26954	CO26844	4.74	26 1-	4ACSR	0	0	557	159	94	12	9	0.07	1.43	11
CO26955	CO26954	4.87	25 1-	4ACSR	0	0	546	158	94	12	9	0.07	1.50	11
CO26830	CO26955	5.37	17 1-	4ACSR	0	0	504	153	62	8	6	0.18	1.69	18
CO26977	CO26830	5.52	16 1-	4ACSR	0	0	492	152	59	8	6	0.05	1.74	5
CO26978	CO26977	5.59	15 1-	4ACSR	0	0	487	151	59	8	6	0.03	1.77	3
CO26799	CO26978	5.65	1 1-	4ACSR	0	0	483	150	1	0	0	0.00	1.77	0
CO26768	CO26978	5.72	14 1-	4ACSR	0	0	477	150	58	7	6	0.04	1.81	4
CO642094843	CO26768	5.78	12 1-	2ACSR	0	0	474	149	58	7	4	0.01	1.83	0
CO-1717468022	CO642094843	6.01	11 1-	2ACSR	0	0	460	148	54	7	4	0.05	1.88	4
CO26791	CO-1717468022	6.06	1 1-	4ACSR	0	0	457	148	3	0	0	0.00	1.88	0
CO26770	CO-1717468022	6.16	10 1-	4ACSR	0	0	450	147	51	6	5	0.05	1.93	4
CO26948	CO26770	6.31	8 1-	4ACSR	0	0	440	146	47	6	5	0.04	1.97	3
CO-103656801	CO26948	6.34	7 1-	2ACSR	0	0	439	145	44	5	3	0.01	1.97	0
CO-1092465020	CO-103656801	6.44	6 1-	2ACSR	0	0	433	145	37	5	3	0.02	1.99	0
CO26850	CO-1092465020	6.53	6 1-	4ACSR	0	0	428	144	37	5	4	0.02	2.01	0
CO26969	CO26850	6.58	1 1-	750 MCM - 42 Wi	0	0	427	144	3	0	0	0.00	2.01	0
CO26970	CO26969	6.62	1 1-	750 MCM - 42 Wi	0	0	426	144	3	0	0	0.00	2.01	0
CO26831	CO26850	6.62	5 1-	4ACSR	0	0	422	143	34	4	3	0.02	2.03	0
CO26832	CO26831	6.71	5 1-	4ACSR	0	0	417	143	34	4	3	0.02	2.05	0
CO30495	CO26832	6.77	5 1-	4ACSR	0	0	413	142	34	4	3	0.01	2.06	0
CO29373	CO30495	6.82	5 1-	4ACSR	0	0	410	142	34	4	3	0.01	2.07	0
CO29374	CO29373	6.85	4 1-	4ACSR	0	0	408	141	26	3	3	0.01	2.07	0
CO29375	CO29374	6.93	4 1-	4ACSR	0	0	404	141	26	3	3	0.01	2.08	0
CO29311	CO29375	6.99	2 1-	4ACSR	0	0	401	140	11	1	1	0.00	2.09	0
CO29362	CO29311	7.02	2 1-	4ACSR	0	0	399	140	11	1	1	0.00	2.09	0
CO29363	CO29362	7.08	1 1-	4ACSR	0	0	396	140	8	1	1	0.00	2.09	0
CO29341	CO29375	7.03	1 1-	2ACSR	0	0	399	140	6	0	0	0.00	2.09	0
CO29371	CO29375	7.02	1 1-	4ACSR	0	0	399	140	9	1	1	0.00	2.09	0
CO29372	CO29371	7.08	1 1-	4ACSR	0	0	396	140	9	1	1	0.00	2.09	0
CO29364	CO29372	7.11	0 1-	4ACSR	0	0	394	139	0	0	0	0.00	2.09	0
CO29370	CO29375	7.24	0 1-	4ACSR	0	0	387	139	0	0	0	0.00	2.08	0
CO29369	CO29370	7.33	0 1-	4ACSR	0	0	383	138	0	0	0	0.00	2.08	0
CO-1986055657	CO-103656801	6.41	1 1-	2ACSR	0	0	435	145	7	0	1	0.00	1.97	0
CO26798	CO26770	6.21	2 1-	4ACSR	0	0	446	146	4	0	0	0.00	1.93	0
CO-241204362	CO642094843	5.85	1 1-	2ACSR	0	0	469	149	4	0	0	0.00	1.83	0
CO26792	CO26768	5.76	2 1-	4ACSR	0	0	474	149	0	0	0	0.00	1.81	0
CO375284499	CO26792	5.80	1 1-	2ACSR	0	0	472	149	0	0	0	0.00	1.81	0
CO26889	CO26978	5.67	0 1-	4ACSR	0	0	481	150	0	0	0	0.00	1.77	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26890	CO26889	5.82	0 1-	4ACSR	0	0	470	149	0	0	0	0.00	1.77	0
CO26891	CO26955	4.95	1 1-	4ACSR	0	0	538	157	1	0	0	0.00	1.50	0
CO26892	CO26891	4.97	1 1-	4ACSR	0	0	537	157	1	0	0	0.00	1.50	0
CO26893	CO26892	5.09	1 1-	4ACSR	0	0	527	155	1	0	0	0.00	1.50	0
CO26952	CO26955	4.91	7 1-	4ACSR	0	0	542	157	31	4	3	0.01	1.51	0
CO26953	CO26952	5.00	6 1-	4ACSR	0	0	535	156	25	3	2	0.01	1.52	0
CO26801	CO26953	5.06	1 1-	4ACSR	0	0	529	156	5	0	0	0.00	1.52	0
CO26790	CO26953	5.09	1 1-	4ACSR	0	0	527	155	0	0	0	0.00	1.52	0
CO26845	CO26953	5.03	4 1-	4ACSR	0	0	532	156	20	2	2	0.00	1.53	0
CO26938	CO26845	5.15	4 1-	4ACSR	0	0	522	155	20	2	2	0.01	1.54	0
CO26820	CO26938	5.24	1 1-	2ACSR	0	0	516	154	0	0	0	0.00	1.54	0
CO26939	CO26938	5.30	3 1-	4ACSR	0	0	510	154	20	2	2	0.02	1.56	0
CO26944	CO26939	5.47	3 1-	4ACSR	0	0	496	152	20	2	2	0.02	1.58	0
CO26818	CO26944	5.71	0 1-	2ACSR	0	0	481	150	0	0	0	0.00	1.58	0
CO26945	CO26944	5.75	3 1-	4ACSR	0	0	475	150	20	2	2	0.03	1.61	0
CO26767	CO26945	5.86	2 1-	4ACSR	0	0	467	149	12	1	1	0.01	1.62	0
CO26788	CO26767	5.94	1 1-	4ACSR	0	0	461	148	6	0	1	0.00	1.62	0
CO26846	CO26767	6.06	1 1-	4ACSR	0	0	453	147	6	0	1	0.01	1.63	0
CO30498	CO26846	6.34	1 1-	4ACSR	0	0	435	145	6	0	1	0.01	1.63	0
CO29358	CO30498	6.66	0 1-	4ACSR	0	0	415	142	0	0	0	0.00	1.63	0
CO26789	CO26945	5.92	1 1-	4ACSR	0	0	463	148	7	0	1	0.00	1.62	0
CO26404+	CO26450	3.00	1 1-	2ACSR	0	0	1702	339	0	0	0	0.00	0.24	0
CO26356+	CO26355	2.56	3 1-	4ACSR	0	0	1796	340	4	0	0	0.00	0.20	0
CO26506+	CO26356	2.69	3 1-	4ACSR	0	0	1743	337	4	0	0	0.00	0.20	0
CO26507+	CO26506	2.85	2 1-	4ACSR	0	0	1677	334	4	0	0	0.00	0.20	0
CO26559+	CO26507	3.13	1 1-	4ACSR	0	0	1567	328	0	0	0	0.00	0.20	0
CO26428+	CO26559	3.42	1 1-	4ACSR	0	0	1466	322	0	0	0	0.00	0.20	0
CO26427+	CO26428	3.48	1 1-	4ACSR	0	0	1443	321	0	0	0	0.00	0.20	0
CO26558+	CO26427	3.49	1 1-	2ACSR	0	0	1442	321	0	0	0	0.00	0.20	0
CO26557+	CO26558	3.50	1 1-	2ACSR	0	0	1438	321	0	0	0	0.00	0.20	0
CO26563+	CO26557	3.61	1 1-	4ACSR	0	0	1402	319	0	0	0	0.00	0.20	0
CO26564+	CO26563	3.71	0 1-	4ACSR	0	0	1371	317	0	0	0	0.00	0.20	0
SW208-B+	CO26557	3.50	0 1-	Open	0	0	1438	321	0	0	0	0.00	0.20	0
CO26374+	CO26504	2.26	1 1-	4ACSR	0	0	1882	342	0	0	0	0.00	0.18	0
SUB	0 total losses:	\$17,903												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 5	FLEMINGSBURG	3255			3065	3104	3123	357	27253					
CO15506+	FLEMINGSBURG	0.00	3255 3-	750 MCM - 42 Wi	3064	3102	3121	357	27253	616	53	0.00	0.00	82
CO15507+	CO15506	0.01	3255 3-	750 MCM - 42 Wi	3063	3100	3119	357	27253	616	53	0.00	0.01	64
CO15512+	CO15507	0.02	693 3-	500PRIURD	3063	3094	3113	915	5792	130	38	0.00	0.01	21
Underbuild+	CO15512	0.02	693 3-	560 200WVE	3063	3094	3113	915	5792	130	23	0.00	0.01	0
CO15178+	Underbuild	0.04	693 3-	500PRIURD	3065	3084	3101	914	5792	130	38	0.00	0.01	48
CO15370+	CO15178	0.10	693 3-	4/0ACSR	3035	3051	3052	357	5792	130	39	0.04	0.05	292
CO-6922792+	CO15370	0.48	691 3-	4/0ACSR	2856	2850	2773	354	5764	130	38	0.25	0.30	1837
CO-768581734+	CO-6922792	0.89	690 3-	4/0ACSR	2678	2649	2512	351	5747	130	38	0.27	0.57	2035
CO15009+	CO-768581734	0.95	690 3-	4/0ACSR	2655	2623	2479	351	5738	130	38	0.04	0.61	286
CO14919+	CO15009	1.00	2 3-	4ACSR	2631	2593	2444	350	128	2	2	0.00	0.61	0
CO14918+	CO14919	1.05	1 3-	4ACSR	2606	2564	2410	349	62	1	1	0.00	0.62	0
CO14917+	CO14918	1.07	1 3-	4ACSR	2591	2545	2389	348	62	1	1	0.00	0.62	0
CO15010+	CO15009	0.97	688 3-	4/0ACSR	2648	2615	2469	351	5608	127	37	0.01	0.62	81
CO15011+	CO15010	1.01	685 3-	4/0ACSR	2632	2598	2448	351	5573	126	37	0.02	0.65	179
CO15012+	CO15011	1.05	677 3-	4/0ACSR	2616	2580	2426	350	5542	125	37	0.03	0.67	189
CO14795+	CO15012	1.13	663 3-	4/0ACSR	2587	2547	2385	350	5489	124	37	0.05	0.72	348
CO14794+	CO14795	1.19	631 3-	4/0ACSR	2564	2522	2354	349	5148	116	34	0.04	0.76	237
CO15154+	CO14794	1.20	0 1-	4ACSR	0	0	2345	349	0	0	0	0.00	0.76	0
CO15152+	CO14794	1.25	2 1-	4ACSR	0	0	2312	348	24	1	1	0.00	0.76	0
CO14933+	CO15152	1.27	1 1-	4ACSR	0	0	2298	347	8	0	0	0.00	0.76	0
CO15024+	CO14794	1.24	629 3-	4/0ACSR	2543	2499	2326	349	5122	116	34	0.03	0.79	217
CO15025+	CO15024	1.32	629 3-	4/0ACSR	2516	2469	2290	348	5121	116	34	0.04	0.83	287
CO14865+	CO15025	1.33	626 3-	4/0ACSR	2512	2464	2284	348	5087	115	34	0.01	0.84	46
CO14864+	CO14865	1.40	625 3-	4/0ACSR	2485	2435	2249	348	5077	115	34	0.04	0.89	288
CO14863+	CO14864	1.56	624 3-	4/0ACSR	2432	2376	2180	347	5076	115	34	0.09	0.97	586
CO14862+	CO14863	1.74	624 3-	4/0ACSR	2372	2310	2104	345	5073	115	34	0.10	1.08	684
CO35038291+	CO14862	2.02	571 3-	4/0ACSR	2286	2216	1996	344	4561	103	31	0.14	1.22	860
CO1910179338+	CO35038291	3.08	566 3-	4/0ACSR	2002	1914	1666	336	4520	103	30	0.55	1.77	3235
CO14866+	CO1910179338	3.17	566 3-	4/0ACSR	1980	1890	1642	336	4505	103	30	0.05	1.82	293
CO17299+	CO14866	3.18	27 1-	6ACWC	0	0	1639	336	173	11	9	0.00	1.82	0
OC449+	CO17299	3.18	27 1-	50 E OCR	0	0	1639	336	173	11	24	0.00	1.82	0
CO17300+	OC449	3.21	27 1-	6ACWC	0	0	1626	335	173	11	9	0.01	1.83	3
CO15041+	CO17300	3.31	26 1-	6ACWC	0	0	1590	333	173	11	9	0.03	1.86	7
CO14895+	CO15041	3.36	26 1-	6ACWC	0	0	1574	332	173	11	9	0.01	1.87	3
CO14894+	CO14895	3.42	23 1-	6ACWC	0	0	1554	331	163	11	8	0.01	1.88	4
CO15150+	CO14894	3.43	23 1-	6ACWC	0	0	1548	330	163	11	8	0.00	1.89	0
CO15151+	CO15150	3.47	18 1-	6ACWC	0	0	1534	329	138	9	7	0.01	1.89	0
CO15042+	CO15151	3.50	17 1-	6ACWC	0	0	1524	329	136	9	7	0.01	1.90	0
CO14858+	CO15042	3.54	14 1-	6ACWC	0	0	1511	328	101	6	5	0.01	1.91	0
CO14857+	CO14858	3.65	13 1-	6ACWC	0	0	1474	326	100	6	5	0.02	1.92	3
CO15045+	CO14857	3.72	12 1-	6ACWC	0	0	1452	325	99	6	5	0.01	1.93	0
CO15048+	CO15045	3.79	7 1-	6ACWC	0	0	1429	323	63	4	3	0.01	1.94	0
CO15049+	CO15048	3.86	6 1-	6ACWC	0	0	1407	322	61	4	3	0.01	1.95	0
CO14813+	CO15049	3.89	2 1-	6ACWC	0	0	1399	321	25	1	1	0.00	1.95	0
CO15050+	CO15049	3.89	4 1-	6ACWC	0	0	1399	321	36	2	2	0.00	1.95	0
CO15051+	CO15050	3.92	2 1-	6ACWC	0	0	1390	321	26	1	1	0.00	1.95	0
CO14788+	CO15051	3.99	2 1-	6ACWC	0	0	1367	319	26	1	1	0.00	1.95	0
CO14904+	CO14788	4.10	2 1-	6ACWC	0	0	1337	317	26	1	1	0.00	1.96	0
CO14903+	CO14904	4.17	0 1-	6ACWC	0	0	1316	316	0	0	0	0.00	1.96	0
CO14861+	CO14788	4.35	0 1-	6ACWC	0	0	1267	312	0	0	0	0.00	1.95	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14860+	CO14861	4.45	0 1-	6ACWC	0	0	1242	311	0	0	0	0.00	1.95	0
CO14859+	CO14860	4.52	0 1-	6ACWC	0	0	1223	309	0	0	0	0.00	1.95	0
CO14812+	CO15051	4.03	0 1-	6ACWC	0	0	1356	318	0	0	0	0.00	1.95	0
CO15046+	CO15045	3.77	5 1-	6ACWC	0	0	1435	323	36	2	2	0.00	1.94	0
CO15047+	CO15046	3.79	3 1-	6ACWC	0	0	1431	323	13	0	1	0.00	1.94	0
CO14905+	CO15047	3.82	3 1-	6ACWC	0	0	1419	322	13	0	1	0.00	1.94	0
CO15043+	CO15042	3.57	3 1-	6ACWC	0	0	1500	327	35	2	2	0.00	1.90	0
CO15044+	CO15043	3.61	1 1-	6ACWC	0	0	1486	327	14	0	1	0.00	1.90	0
CO14906+	CO15044	3.64	1 1-	6ACWC	0	0	1477	326	14	0	1	0.00	1.90	0
CO14897+	CO14866	3.19	33 1-	6ACWC	0	0	1633	335	321	22	16	0.01	1.83	6
CO14896+	CO14897	3.24	32 1-	6ACWC	0	0	1617	334	299	20	15	0.02	1.85	10
CO14872+	CO14896	3.49	4 1-	6ACWC	0	0	1526	329	25	1	1	0.01	1.86	0
CO15156+	CO14872	3.55	4 1-	6ACWC	0	0	1507	328	25	1	1	0.00	1.86	0
CO15061+	CO15156	3.59	4 1-	6ACWC	0	0	1495	327	25	1	1	0.00	1.86	0
CO15060+	CO15061	3.66	2 1-	6ACWC	0	0	1470	326	15	1	1	0.00	1.86	0
CO14848+	CO15060	3.70	1 1-	4ACSR	0	0	1458	325	5	0	0	0.00	1.86	0
CO15130+	CO15060	3.67	0 1-	6ACWC	0	0	1467	325	0	0	0	0.00	1.86	0
CO15128+	CO14896	3.25	28 1-	6ACWC	0	0	1614	334	274	18	13	0.00	1.85	0
OC448+	CO15128	3.25	28 1-	50 E OCR	0	0	1614	334	274	18	38	0.00	1.85	0
CO15129+	OC448	3.27	28 1-	6ACWC	0	0	1606	334	274	18	13	0.01	1.86	4
CO15052+	CO15129	3.30	6 1-	4ACSR	0	0	1594	333	87	5	4	0.00	1.86	0
CO15053+	CO15052	3.38	3 1-	4ACSR	0	0	1566	331	49	3	2	0.01	1.87	0
CO14929+	CO15053	3.48	2 1-	4ACSR	0	0	1532	329	31	2	2	0.00	1.88	0
CO15006+	CO14929	3.53	1 1-	2ACSR	0	0	1517	329	20	1	1	0.00	1.88	0
CO15005+	CO15006	3.55	1 1-	2ACSR	0	0	1511	328	20	1	1	0.00	1.88	0
CO14928+	CO14929	3.52	1 1-	4ACSR	0	0	1516	328	11	0	1	0.00	1.88	0
CO14830+	CO15053	3.41	1 1-	4ACSR	0	0	1556	331	18	1	1	0.00	1.87	0
CO14829+	CO15053	3.71	0 1-	4ACSR	0	0	1453	325	0	0	0	0.00	1.87	0
CO15054+	CO15129	3.38	19 1-	6ACWC	0	0	1568	331	162	11	8	0.02	1.89	6
CO15055+	CO15054	3.46	17 1-	6ACWC	0	0	1540	330	132	9	6	0.02	1.90	3
CO15056+	CO15055	3.49	16 1-	6ACWC	0	0	1526	329	128	8	6	0.01	1.91	0
CO14932+	CO15056	3.65	2 1-	4ACSR	0	0	1475	326	27	1	1	0.00	1.91	0
CO14931+	CO14932	3.76	1 1-	4ACSR	0	0	1438	324	12	0	1	0.00	1.92	0
CO14834+	CO14931	3.80	1 1-	4ACSR	0	0	1426	323	12	0	1	0.00	1.92	0
CO14930+	CO14931	3.84	0 1-	4ACSR	0	0	1414	322	0	0	0	0.00	1.92	0
CO15057+	CO15056	3.52	14 1-	6ACWC	0	0	1518	329	101	6	5	0.00	1.91	0
CO15058+	CO15057	3.59	13 1-	6ACWC	0	0	1494	327	94	6	5	0.01	1.92	0
CO15059+	CO15058	3.67	9 1-	6ACWC	0	0	1467	325	50	3	2	0.01	1.93	0
CO17254+	CO15059	3.89	9 1-	6ACWC	0	0	1397	321	50	3	2	0.01	1.94	0
CO13003+	CO17254	4.06	8 1-	6ACWC	0	0	1347	318	30	2	1	0.01	1.95	0
CO12940+	CO13003	4.44	2 1-	6ACWC	0	0	1244	311	11	0	1	0.01	1.96	0
CO13059+	CO12940	4.52	2 1-	4ACSR	0	0	1225	309	11	0	1	0.00	1.96	0
CO13145+	CO13059	5.14	0 1-	4ACSR	0	0	1082	298	0	0	0	0.00	1.96	0
CO12972+	CO12940	4.48	0 1-	8ACWC	0	0	1232	310	0	0	0	0.00	1.96	0
CO12973+	CO13003	4.12	1 1-	6ACWC	0	0	1331	317	0	0	0	0.00	1.95	0
CO13135+	CO13003	4.21	5 1-	4ACSR	0	0	1304	315	19	1	1	0.00	1.95	0
CO13095+	CO13135	4.24	3 1-	4ACSR	0	0	1296	314	15	1	1	0.00	1.95	0
CO13097+	CO13095	4.28	3 1-	4ACSR	0	0	1286	314	15	1	1	0.00	1.95	0
CO13096+	CO13097	4.36	1 1-	4ACSR	0	0	1265	312	10	0	0	0.00	1.96	0
CO13098+	CO13135	4.24	2 1-	4ACSR	0	0	1296	314	4	0	0	0.00	1.95	0
CO13099+	CO13098	4.34	2 1-	4ACSR	0	0	1271	313	4	0	0	0.00	1.95	0
CO14871+	CO14866	3.20	506 3-	4/0ACSR	1973	1883	1634	335	4010	91	27	0.01	1.83	71

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14833+	CO14871	3.26	2 1-	4ACSR	0	0	1613	334	20	1	1	0.00	1.83	0
CO14870+	CO14871	3.41	504 3-	4/0ACSR	1925	1833	1582	334	3990	91	27	0.10	1.93	513
CO14869+	CO14870	3.61	504 3-	4/0ACSR	1884	1790	1538	333	3987	91	27	0.09	2.01	457
CO15131+	CO14869	3.61	0 1-	6ACWC	0	0	1536	333	0	0	0	0.00	2.01	0
CO14873+	CO14869	3.68	504 3-	4/0ACSR	1868	1774	1521	332	3985	91	27	0.03	2.05	181
CO15121+	CO14873	4.26	504 3-	4/0ACSR	1756	1658	1405	328	3984	91	27	0.26	2.31	1380
CO-674900173+	CO15121	4.30	13 1-	2ACSR	0	0	1395	328	100	6	4	0.00	2.31	0
CO14969+	CO-674900173	4.41	4 1-	4ACSR	0	0	1365	326	33	2	2	0.00	2.32	0
CO14968+	CO14969	4.44	0 1-	4ACSR	0	0	1355	325	0	0	0	0.00	2.32	0
CO1265147584+	CO-674900173	4.40	9 1-	2ACSR	0	0	1372	326	67	4	3	0.01	2.32	0
CO14889+	CO1265147584	4.45	9 1-	4ACSR	0	0	1356	325	67	4	3	0.01	2.33	0
CO14971+	CO14889	4.49	9 1-	4ACSR	0	0	1345	324	67	4	3	0.00	2.33	0
CO14970+	CO14971	4.55	9 1-	4ACSR	0	0	1331	323	67	4	3	0.01	2.34	0
CO15066+	CO14970	4.57	8 1-	4ACSR	0	0	1326	323	53	3	3	0.00	2.34	0
CO15067+	CO15066	4.59	7 1-	4ACSR	0	0	1321	323	49	3	2	0.00	2.34	0
CO15068+	CO15067	4.61	5 1-	4ACSR	0	0	1314	322	39	2	2	0.00	2.34	0
CO14998+	CO15068	4.63	4 1-	2ACSR	0	0	1310	322	34	2	1	0.00	2.34	0
CO14997+	CO14998	4.65	1 1-	2ACSR	0	0	1305	321	8	0	0	0.00	2.34	0
CO14852+	CO14997	4.69	1 1-	2ACSR	0	0	1297	321	8	0	0	0.00	2.34	0
CO14996+	CO14997	4.67	0 1-	2ACSR	0	0	1302	321	0	0	0	0.00	2.34	0
CO14851+	CO14998	4.64	3 1-	2ACSR	0	0	1308	322	26	1	1	0.00	2.34	0
CO15000+	CO15121	4.29	8 1-	2ACSR	0	0	1398	328	65	4	2	0.00	2.31	0
CO14974+	CO15000	4.34	7 1-	4ACSR	0	0	1382	327	49	3	2	0.00	2.31	0
CO14973+	CO14974	4.36	4 1-	4ACSR	0	0	1379	327	16	1	1	0.00	2.31	0
CO14849+	CO14973	4.40	2 1-	4ACSR	0	0	1367	326	6	0	0	0.00	2.32	0
CO14972+	CO14973	4.39	1 1-	4ACSR	0	0	1368	326	3	0	0	0.00	2.32	0
CO532205845+	CO15121	4.37	483 3-	4/0ACSR	1735	1636	1383	328	3813	87	26	0.05	2.36	258
CO15064+	CO532205845	4.40	4 1-	4ACSR	0	0	1377	327	40	2	2	0.00	2.36	0
CO15065+	CO15064	4.45	2 1-	4ACSR	0	0	1363	326	15	1	1	0.00	2.36	0
CO264921877+	CO532205845	4.45	479 3-	4/0ACSR	1721	1623	1370	327	3772	86	25	0.03	2.39	157
CO15075+	CO264921877	4.57	3 1-	4ACSR	0	0	1337	325	14	0	1	0.00	2.39	0
CO15071+	CO264921877	4.58	476 3-	4/0ACSR	1698	1599	1346	326	3758	86	25	0.06	2.45	293
CO30695+	CO15071	4.60	0 3-	4/0ACSR	1695	1596	1344	326	0	0	0	0.00	2.45	0
CO15133+	CO15071	4.59	476 3-	4/0ACSR	1697	1598	1345	326	3756	86	25	0.00	2.45	10
RG30+	CO15133	4.59	476 3-	200	1697	1598	1345	326	3756	86	43	-2.45	0.00	0
CO14881+	RG30	4.72	39 3-	1/0ACSR	1670	1570	1320	325	335	9	4	0.00	0.00	6
CO14880+	CO14881	4.78	37 3-	1/0ACSR	1658	1558	1309	324	323	9	4	0.00	0.00	3
CO782492974+	CO14880	4.79	3 3-	1/0ACSR	1657	1556	1308	324	9	0	0	0.00	0.00	0
CO15135+	CO782492974	4.87	3 3-	1/0ACSR	1640	1539	1292	323	9	0	0	0.00	0.00	0
CO15090+	CO15135	4.90	2 3-	1/0ACSR	1634	1533	1286	323	6	0	0	0.00	0.00	0
CO15091+	CO15090	4.97	2 3-	1/0ACSR	1620	1518	1273	322	6	0	0	0.00	0.00	0
CO779947017+	CO15091	5.01	0 3-	2ACSR	1612	1509	1266	322	0	0	0	0.00	0.00	0
CO1154394619+	CO779947017	5.01	0 3-	2ACSR	1611	1509	1265	322	0	0	0	0.00	0.00	0
CO17257+	CO14880	5.06	27 3-	1/0ACSR	1603	1501	1258	321	260	8	4	0.00	0.00	11
CO30671+	CO17257	5.17	0 3-	1/0ACSR	1583	1480	1240	320	0	0	0	0.00	0.00	0
CO13068+	CO17257	5.07	27 3-	1/0ACSR	1601	1499	1257	321	260	8	4	0.00	0.00	0
CA59+	CO13068	5.07	0 3-	Capacitor	1601	1499	1257	321	0	-7	0	0.00	0.00	0
CO13136+	CO13068	5.08	9 1-	6ACWC	0	0	1255	321	130	8	6	0.00	0.00	0
OC366+	CO13136	5.08	9 1-	25 E OCR	0	0	1255	321	130	8	35	0.00	0.00	0
CO17258+	OC366	5.21	9 1-	6ACWC	0	0	1224	319	130	8	6	0.03	0.03	6
CO15063+	CO17258	5.28	9 1-	6ACWC	0	0	1210	317	130	8	6	0.01	0.04	0
CO15062+	CO15063	5.33	8 1-	6ACWC	0	0	1197	316	58	3	3	0.01	0.05	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14887+	CO15062	5.40	7 1-	6ACWC	0	0	1183	315	58	3	3	0.01	0.05	0
CO15069+	CO14887	5.58	3 1-	6ACWC	0	0	1144	312	12	0	1	0.00	0.05	0
OC1083824963+	CO15069	5.58	2 1-	20 N FUSE	0	0	1144	312	12	0	4	0.00	0.05	0
CO14886+	OC1083824963	5.75	2 1-	6ACWC	0	0	1110	308	12	0	1	0.00	0.06	0
CO14885+	CO14886	5.82	2 1-	6ACWC	0	0	1096	307	12	0	1	0.00	0.06	0
CO14853+	CO14885	5.89	1 1-	2ACSR	0	0	1085	306	12	0	0	0.00	0.06	0
CO14884+	CO14885	5.85	1 1-	6ACWC	0	0	1092	307	0	0	0	0.00	0.06	0
CO14883+	CO14884	5.92	1 1-	6ACWC	0	0	1077	305	0	0	0	0.00	0.06	0
CO14882+	CO14883	5.98	1 1-	6ACWC	0	0	1067	304	0	0	0	0.00	0.06	0
CO14961+	CO14887	5.51	4 1-	6ACWC	0	0	1161	313	45	3	2	0.01	0.06	0
CO14963+	CO14961	5.61	3 1-	6ACWC	0	0	1139	311	36	2	2	0.01	0.06	0
CO14962+	CO14963	5.65	3 1-	6ACWC	0	0	1131	310	36	2	2	0.00	0.06	0
CO14960+	CO14961	5.53	1 1-	6ACWC	0	0	1155	313	9	0	0	0.00	0.06	0
CO14959+	CO14960	5.62	1 1-	6ACWC	0	0	1137	311	9	0	0	0.00	0.06	0
CO13137+	CO13068	5.08	18 1-	6HDCU	0	0	1255	321	130	8	7	0.00	0.00	0
OC-2129705723+	CO13137	5.08	18 1-	20 N FUSE	0	0	1255	321	130	8	44	0.00	0.00	0
CO13138+	OC-2129705723	5.09	18 1-	6HDCU	0	0	1252	321	130	8	7	0.00	0.01	0
CO-38597912+	CO13138	5.10	0 1-	2ACSR	0	0	1249	321	0	0	0	0.00	0.01	0
CO195618093+	CO-38597912	5.20	0 1-	2ACSR	0	0	1230	319	0	0	0	0.00	0.01	0
CO-1166794840+	CO-38597912	5.12	0 1-	2ACSR	0	0	1245	321	0	0	0	0.00	0.01	0
CO13052+	CO13138	5.20	17 1-	6HDCU	0	0	1227	319	119	8	6	0.02	0.03	4
CO13021+	CO13052	5.26	2 1-	4ACSR	0	0	1214	318	18	1	1	0.00	0.03	0
OC1414540629+	CO13021	5.26	1 1-	20 N FUSE	0	0	1214	318	5	0	2	0.00	0.03	0
CO13022+	OC1414540629	5.33	1 1-	4ACSR	0	0	1198	316	5	0	0	0.00	0.03	0
CO13023+	CO13052	5.23	15 1-	6HDCU	0	0	1221	318	101	6	5	0.00	0.03	0
CO13121+	CO13023	5.37	15 1-	6HDCU	0	0	1189	316	101	6	5	0.02	0.05	3
CO13024+	CO13121	5.43	14 1-	6HDCU	0	0	1177	314	98	6	5	0.01	0.06	0
CO13025+	CO13024	5.55	13 1-	6HDCU	0	0	1152	312	89	6	5	0.02	0.08	2
CO12984+	CO13025	5.65	0 1-	4ACSR	0	0	1132	310	0	0	0	0.00	0.08	0
CO12946+	CO13025	5.74	13 1-	6HDCU	0	0	1114	309	89	6	5	0.03	0.10	4
CO13148+	CO12946	5.89	13 1-	6HDCU	0	0	1084	306	89	6	5	0.02	0.12	3
CO13063+	CO13148	5.92	13 1-	6HDCU	0	0	1079	305	89	6	5	0.00	0.13	0
CO12945+	CO13063	5.99	3 1-	4ACSR	0	0	1067	304	8	0	0	0.00	0.13	0
CO13030+	CO12945	6.07	2 1-	4ACSR	0	0	1052	303	2	0	0	0.00	0.13	0
CO13031+	CO13030	6.42	1 1-	4ACSR	0	0	990	297	1	0	0	0.00	0.13	0
CO12982+	CO12945	6.06	1 1-	4ACSR	0	0	1053	303	7	0	0	0.00	0.13	0
CO13026+	CO13063	5.97	4 1-	6HDCU	0	0	1071	305	22	1	1	0.00	0.13	0
CO13027+	CO13026	6.13	3 1-	6HDCU	0	0	1041	302	12	0	1	0.00	0.13	0
CO12981+	CO13027	6.38	1 1-	4ACSR	0	0	998	298	0	0	0	0.00	0.13	0
CO12980+	CO13027	6.22	2 1-	4ACSR	0	0	1026	300	12	0	1	0.00	0.13	0
CO13028+	CO13063	6.05	6 1-	6HDCU	0	0	1055	303	59	3	3	0.01	0.14	0
CO13029+	CO13028	6.11	4 1-	6HDCU	0	0	1045	302	54	3	3	0.00	0.14	0
CO12991+	CO13029	6.15	1 1-	4ACSR	0	0	1037	301	0	0	0	0.00	0.14	0
CO13074+	CO13029	6.15	3 1-	6HDCU	0	0	1037	301	54	3	3	0.00	0.15	0
CO13075+	CO13074	6.19	2 1-	6HDCU	0	0	1031	301	42	2	2	0.00	0.15	0
CO13104+	CO13075	6.21	2 1-	4ACSR	0	0	1027	300	42	2	2	0.00	0.15	0
CO13105+	CO13104	6.28	2 1-	4ACSR	0	0	1014	299	42	2	2	0.00	0.15	0
CO-732329251+	CO13105	6.42	1 1-	2ACSR	0	0	995	298	23	1	1	0.00	0.16	0
CO13078+	CO13075	6.38	0 1-	6HDCU	0	0	999	298	0	0	0	0.00	0.15	0
CO14958+	CO14880	4.87	6 1-	4ACSR	0	0	1286	322	46	3	2	0.01	0.01	0
CO15088+	CO14958	4.92	4 1-	4ACSR	0	0	1275	322	27	1	1	0.00	0.01	0
CO15089+	CO15088	4.95	3 1-	4ACSR	0	0	1267	321	23	1	1	0.00	0.01	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14957+	CO15089	4.98	2 1-	4ACSR	0	0	1259	320	11	0	1	0.00	0.01	0
CO-1650733152+	CO14957	5.03	2 1-	2ACSR	0	0	1250	320	11	0	0	0.00	0.01	0
CO14847+	CO14958	4.91	1 1-	4ACSR	0	0	1276	322	13	0	1	0.00	0.01	0
CO14802+	RG30	4.77	437 3-	1/0ACSR	1660	1560	1311	324	3421	78	34	0.13	0.13	641
CO14939+	CO14802	4.96	1 1-	4ACSR	0	0	1264	321	0	0	0	0.00	0.13	0
OC260983645+	CO14939	4.96	0 1-	20 N FUSE	0	0	1264	321	0	0	0	0.00	0.13	0
CO14801+	CO14802	4.96	436 3-	1/0ACSR	1623	1521	1276	322	3418	78	34	0.14	0.27	675
CO15136+	CO14801	4.97	433 3-	1/0ACSR	1621	1520	1275	322	3399	78	34	0.00	0.27	23
OC444+	CO15136	4.97	433 3-	70 E OCR	1621	1520	1275	322	3399	78	112	0.00	0.27	0
CO15137+	OC444	5.20	433 3-	1/0ACSR	1578	1475	1235	320	3399	78	34	0.16	0.43	809
CO14942+	CO15137	5.30	2 1-	4ACSR	0	0	1212	318	16	1	1	0.00	0.44	0
OC-1533721176+	CO14942	5.30	1 1-	20 N FUSE	0	0	1212	318	1	0	0	0.00	0.44	0
CO14941+	OC-1533721176	5.33	1 1-	4ACSR	0	0	1206	318	1	0	0	0.00	0.44	0
CO14940+	CO14941	5.42	1 1-	4ACSR	0	0	1185	316	1	0	0	0.00	0.44	0
CO796303272+	CO15137	5.30	429 3-	2ACSR	1556	1452	1215	319	3363	77	43	0.11	0.54	573
XFMR23	CO796303272	5.30	429 3-	1000 KVA 1PH AU	1568	1520	1377	174	3360	77	112	1.61	2.15	0
CO-1720559975	XFMR23	5.61	429 3-	2ACSR	1457	1396	1250	172	3360	155	86	1.28	3.43	6878
CO14804	CO-1720559975	6.15	427 3-	1/0ACSR	1307	1237	1090	169	3321	155	67	1.48	4.91	7446
CO15076	CO14804	6.26	112 3-	1/0ACSR	1280	1209	1063	169	944	44	19	0.08	4.99	121
OC-1741594903	CO15076	6.26	111 3-	20 N FUSE	1280	1209	1063	169	942	44	222	0.00	4.99	0
CO15077	OC-1741594903	6.40	111 3-	1/0ACSR	1247	1174	1029	168	942	44	19	0.11	5.10	157
CO15083	CO15077	6.58	101 3-	1/0ACSR	1205	1131	987	167	812	38	17	0.12	5.22	152
CO15084	CO15083	6.70	100 3-	1/0ACSR	1179	1104	962	167	796	37	16	0.08	5.30	97
CO-1198315617	CO15084	6.74	1 1-	4ACSR	0	0	950	166	12	1	1	0.00	5.31	0
OC-431316514	CO-1198315617	6.74	1 1-	20 N FUSE	0	0	950	166	12	1	9	0.00	5.31	0
CO1353017153	OC-431316514	6.80	1 1-	2ACSR	0	0	937	166	12	1	1	0.00	5.31	0
CO593110354	OC-431316514	6.78	0 1-	4ACSR	0	0	941	166	0	0	0	0.00	5.31	0
CO14944	CO593110354	6.84	0 1-	4ACSR	0	0	923	165	0	0	0	0.00	5.31	0
CO14876	CO15084	6.78	97 3-	1/0ACSR	1163	1088	947	166	768	36	16	0.05	5.35	57
CO14875	CO14876	7.09	97 3-	1/0ACSR	1101	1025	888	165	768	36	16	0.20	5.55	232
CO15004	CO14875	7.15	2 1-	4ACSR	0	0	873	164	7	1	1	0.00	5.55	0
OC-2024975315	CO15004	7.15	1 1-	20 N FUSE	0	0	873	164	0	0	0	0.00	5.55	0
CO15003	OC-2024975315	7.17	1 1-	4ACSR	0	0	867	164	0	0	0	0.00	5.55	0
CO14874	CO14875	7.13	94 3-	1/0ACSR	1094	1017	881	165	745	35	15	0.02	5.57	29
CO14898	CO14874	7.29	56 1-	4ACSR	0	0	842	163	390	55	40	0.40	5.97	254
CO14899	CO14898	7.31	55 1-	4ACSR	0	0	839	163	372	53	38	0.04	6.01	26
CO14900	CO14899	7.34	55 1-	4ACSR	0	0	830	162	372	53	38	0.09	6.11	57
CO14901	CO14900	7.39	55 1-	4ACSR	0	0	819	162	372	53	38	0.12	6.22	72
CO15138	CO14901	7.40	55 1-	4ACSR	0	0	818	162	372	53	38	0.02	6.24	10
OC441	CO15138	7.40	55 1-	50 H OCR	0	0	818	162	372	53	106	0.00	6.24	0
CO15139	OC441	7.66	55 1-	4ACSR	0	0	764	159	372	53	38	0.63	6.87	392
CO15790	CO15139	7.70	3 1-	4ACSR	0	0	755	159	10	1	1	0.00	6.87	0
CO15791	CO15790	7.83	1 1-	4ACSR	0	0	731	158	1	0	0	0.00	6.87	0
CO15687	CO15139	7.74	52 1-	4ACSR	0	0	747	159	360	51	37	0.20	7.07	122
CO15641	CO15687	7.80	50 1-	4ACSR	0	0	736	158	344	49	35	0.13	7.20	74
CO17200	CO15641	7.84	50 1-	4ACSR	0	0	729	158	343	49	35	0.09	7.28	49
CO17198	CO17200	8.06	49 1-	4ACSR	0	0	690	156	332	47	34	0.49	7.78	275
CO15555	CO17198	8.28	47 1-	4ACSR	0	0	655	154	303	43	31	0.44	8.21	224
OC-1568984116	CO15555	8.28	47 1-	20 N FUSE	0	0	655	154	302	43	219	0.00	8.21	0
CO15601	OC-1568984116	8.35	0 1-	4ACSR	0	0	645	153	0	0	0	0.00	8.21	0
CO15640	OC-1568984116	8.36	47 1-	4ACSR	0	0	644	153	302	43	31	0.15	8.36	76
CO15797	CO15640	8.44	45 1-	4ACSR	0	0	632	152	291	42	30	0.16	8.52	77

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15798	CO15797	8.51	44 1-	4ACSR	0	0	621	152	286	41	30	0.14	8.65	66
CO15796	CO15798	8.62	42 1-	4ACSR	0	0	606	151	282	41	29	0.21	8.86	100
CO15794	CO15796	8.85	39 1-	4ACSR	0	0	577	149	272	39	28	0.40	9.27	183
CO15795	CO15794	8.98	38 1-	4ACSR	0	0	562	148	254	37	27	0.22	9.49	96
CO15556	CO15795	9.12	33 1-	4ACSR	0	0	547	147	233	34	24	0.21	9.70	83
CO15561	CO15556	9.13	33 1-	4ACSR	0	0	544	146	233	34	24	0.03	9.72	12
CO15821	CO15561	9.31	3 1-	4ACSR	0	0	525	145	24	3	2	0.03	9.75	0
CO-38563364	CO15821	9.34	1 1-	2ACSR	0	0	523	145	8	1	1	0.00	9.75	0
CO1618056843	CO-38563364	9.38	1 1-	2ACSR	0	0	520	145	8	1	1	0.00	9.76	0
CO15602	CO15821	9.38	0 1-	4ACSR	0	0	519	144	0	0	0	0.00	9.75	0
CO15822	CO15821	9.45	2 1-	4ACSR	0	0	512	144	16	2	2	0.01	9.76	0
CO15863	CO15561	9.17	30 1-	4ACSR	0	0	541	146	209	30	22	0.05	9.77	18
CO15864	CO15863	9.19	30 1-	4ACSR	0	0	538	146	209	30	22	0.03	9.80	11
CO15603	CO15864	9.24	1 1-	4ACSR	0	0	533	145	0	0	0	0.00	9.80	0
CO15804	CO15864	9.28	28 1-	4ACSR	0	0	529	145	205	30	22	0.13	9.93	45
CO15805	CO15804	9.42	28 1-	4ACSR	0	0	515	144	205	30	22	0.18	10.11	61
CO15644	CO15805	9.70	26 1-	4ACSR	0	0	488	142	193	28	20	0.37	10.48	123
OC1416300062	CO15644	9.70	26 1-	20 N FUSE	0	0	488	142	193	28	142	0.00	10.48	0
CO15647	OC1416300062	9.77	0 1-	4ACSR	0	0	483	141	0	0	0	0.00	10.48	0
SW1132832893-A	CO15647	9.77	0 1-	Open	0	0	483	141	0	0	0	0.00	10.48	0
CO15777	OC1416300062	9.85	26 1-	4ACSR	0	0	476	141	193	28	20	0.19	10.67	62
CO15778	CO15777	9.99	25 1-	4ACSR	0	0	464	140	188	27	20	0.18	10.85	59
CO15613	CO15778	10.01	1 1-	4ACSR	0	0	462	140	11	1	1	0.00	10.85	0
CO15605	CO15778	10.14	1 1-	4ACSR	0	0	452	139	3	0	0	0.00	10.85	0
CO15557	CO15778	10.06	23 1-	4ACSR	0	0	458	139	174	25	18	0.08	10.93	24
CO15745	CO15557	10.08	7 1-	4ACSR	0	0	456	139	68	10	7	0.01	10.94	0
CO15819	CO15745	10.13	7 1-	2ACSR	0	0	454	139	68	10	6	0.01	10.95	0
CO15820	CO15819	10.16	5 1-	2ACSR	0	0	452	139	48	7	4	0.01	10.96	0
CO15744	CO15820	10.20	4 1-	4ACSR	0	0	448	138	37	5	4	0.01	10.96	0
CO15716	CO15744	10.27	2 1-	2ACSR	0	0	444	138	21	3	2	0.01	10.97	0
CO15697	CO15716	10.35	1 1-	2ACSR	0	0	440	138	12	1	1	0.00	10.97	0
CO15698	CO15697	10.44	1 1-	2ACSR	0	0	435	137	12	1	1	0.00	10.98	0
CO1072546039	CO15698	10.49	0 1-	2ACSR	0	0	432	137	0	0	0	0.00	10.98	0
CO15558	CO15557	10.13	15 1-	4ACSR	0	0	453	139	91	13	10	0.04	10.97	6
CO15714	CO15558	10.17	2 1-	4ACSR	0	0	449	138	19	2	2	0.00	10.97	0
CO15715	CO15714	10.22	1 1-	4ACSR	0	0	446	138	9	1	1	0.00	10.97	0
CO15607	CO15558	10.15	2 1-	4ACSR	0	0	451	139	18	2	2	0.00	10.97	0
CO15559	CO15558	10.32	10 1-	4ACSR	0	0	438	137	45	6	5	0.06	11.02	4
CO15788	CO15559	10.44	7 1-	4ACSR	0	0	429	136	31	4	3	0.02	11.05	0
CO15789	CO15788	10.51	6 1-	4ACSR	0	0	425	136	30	4	3	0.01	11.06	0
CO15649	CO15789	10.55	6 1-	4ACSR	0	0	422	136	30	4	3	0.01	11.07	0
CO15786	CO15649	10.61	2 1-	4ACSR	0	0	418	135	4	0	0	0.00	11.07	0
CO15787	CO15786	10.69	0 1-	4ACSR	0	0	413	135	0	0	0	0.00	11.07	0
CO15813	CO15649	10.61	2 1-	4ACSR	0	0	418	135	6	0	1	0.00	11.07	0
CO15608	CO15813	10.66	1 1-	4ACSR	0	0	415	135	6	0	1	0.00	11.07	0
CO15814	CO15813	10.63	1 1-	4ACSR	0	0	417	135	0	0	0	0.00	11.07	0
CO15695	CO15559	10.40	2 1-	4ACSR	0	0	432	137	9	1	1	0.00	11.03	0
CO15696	CO15695	10.51	1 1-	4ACSR	0	0	425	136	6	0	1	0.00	11.03	0
CO15606	CO15557	10.13	1 1-	4ACSR	0	0	452	139	15	2	2	0.00	10.93	0
CO15645	CO15795	9.12	5 1-	4ACSR	0	0	545	146	21	3	2	0.02	9.50	0
CO15646	CO15645	9.26	4 1-	4ACSR	0	0	531	145	14	2	2	0.01	9.52	0
CO15792	CO15646	9.32	3 1-	4ACSR	0	0	525	145	6	0	1	0.00	9.52	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15793	CO15792	9.43	2 1-	4ACSR	0	0	514	144	4	0	0	0.00	9.52	0
CO15691	CO15793	9.48	1 1-	4ACSR	0	0	509	144	4	0	0	0.00	9.52	0
CO15604	CO15646	9.29	1 1-	4ACSR	0	0	528	145	9	1	1	0.00	9.52	0
CO15642	CO15796	8.75	3 1-	4ACSR	0	0	590	150	9	1	1	0.01	8.87	0
CO15815	CO15642	8.79	3 1-	4ACSR	0	0	585	149	9	1	1	0.00	8.87	0
CO15816	CO15815	8.83	2 1-	4ACSR	0	0	580	149	3	0	0	0.00	8.87	0
CO-1835737754	CO15816	8.90	1 1-	2ACSR	0	0	573	148	3	0	0	0.00	8.87	0
CO15643	CO15816	9.04	1 1-	4ACSR	0	0	555	147	0	0	0	0.00	8.87	0
CO15600	CO17198	8.09	1 1-	4ACSR	0	0	686	155	14	1	1	0.00	7.78	0
CO15599	CO17198	8.21	1 1-	4ACSR	0	0	667	154	14	2	1	0.01	7.78	0
CO15688	CO15687	7.80	2 1-	4ACSR	0	0	736	158	15	2	2	0.00	7.07	0
CO15689	CO15688	7.85	1 1-	4ACSR	0	0	728	158	3	0	0	0.00	7.07	0
CO15690	CO15689	7.89	1 1-	4ACSR	0	0	721	157	3	0	0	0.00	7.07	0
CO15120	CO14874	7.25	38 3-	1/0ACSR	1072	995	860	164	354	16	7	0.04	5.61	20
CO15140	CO15120	7.26	37 1-	4ACSR	0	0	858	164	354	50	36	0.02	5.63	9
OC450	CO15140	7.26	37 1-	20 N FUSE	0	0	858	164	354	50	252	0.00	5.63	0
CO15141	OC450	7.31	37 1-	4ACSR	0	0	846	163	354	50	36	0.13	5.75	74
CO14854	CO15141	7.35	1 1-	2ACSR	0	0	838	163	16	2	1	0.00	5.75	0
CO14877	CO15141	7.38	36 1-	4ACSR	0	0	829	163	338	47	34	0.16	5.91	88
CO14805	CO14877	7.61	34 1-	4ACSR	0	0	781	160	320	45	33	0.47	6.38	252
CO14806	CO14805	7.88	32 1-	4ACSR	0	0	728	158	304	43	31	0.55	6.93	277
CO15155	CO14806	7.96	29 1-	4ACSR	0	0	714	157	281	40	29	0.14	7.06	66
CO15087	CO15155	7.99	29 1-	4ACSR	0	0	708	157	281	40	29	0.06	7.13	29
CO17197	CO15087	8.08	27 1-	4ACSR	0	0	693	156	272	39	28	0.16	7.29	73
CO17199	CO17197	8.22	2 1-	4ACSR	0	0	672	155	32	4	3	0.02	7.30	0
CO14908	CO17199	8.24	1 1-	4ACSR	0	0	669	155	12	1	1	0.00	7.31	0
CO14907	CO14908	8.34	1 1-	4ACSR	0	0	653	154	12	1	1	0.00	7.31	0
CO15582	CO17197	8.14	2 1-	4ACSR	0	0	684	155	10	1	1	0.00	7.29	0
CO15541	CO17197	8.29	23 1-	4ACSR	0	0	660	154	229	32	24	0.31	7.60	121
CO15542	CO15541	8.39	22 1-	4ACSR	0	0	645	153	215	31	22	0.13	7.73	49
CO15673	CO15542	8.44	3 1-	4ACSR	0	0	637	153	16	2	2	0.00	7.74	0
CO15674	CO15673	8.52	1 1-	4ACSR	0	0	627	152	1	0	0	0.00	7.74	0
CO15733	CO15542	8.51	19 1-	4ACSR	0	0	628	152	199	28	20	0.16	7.89	53
CO15734	CO15733	8.63	18 1-	4ACSR	0	0	611	151	196	28	20	0.16	8.05	54
CO15543	CO15734	8.69	5 1-	4ACSR	0	0	603	151	46	6	5	0.02	8.07	0
CO15544	CO15543	8.75	3 1-	4ACSR	0	0	596	150	33	4	3	0.01	8.08	0
CO15735	CO15544	8.84	1 1-	4ACSR	0	0	584	149	4	0	0	0.00	8.08	0
CO15853	CO15735	9.15	0 1-	4ACSR	0	0	548	147	0	0	0	0.00	8.08	0
SW480-B	CO15853	9.15	0 1-	Open	0	0	548	147	0	0	0	0.00	8.08	0
SW-732583338-B	CO15853	9.15	0 1-	Closed	0	0	548	147	0	0	0	0.00	8.08	0
SW-732583338-A	SW-732583338-B	9.15	0 1-	Closed	0	0	548	147	0	0	0	0.00	8.08	0
CO15584	CO15544	8.88	1 1-	4ACSR	0	0	579	149	10	1	1	0.00	8.08	0
CO15585	CO15543	8.77	2 1-	4ACSR	0	0	592	150	13	1	1	0.00	8.07	0
CO15546	CO15734	8.81	13 1-	4ACSR	0	0	587	150	150	21	15	0.17	8.22	42
CO15624	CO15546	8.89	11 1-	4ACSR	0	0	578	149	111	16	12	0.06	8.28	10
CO15625	CO15624	9.02	11 1-	4ACSR	0	0	562	148	111	16	12	0.08	8.36	14
CO15808	CO15625	9.06	1 1-	4ACSR	0	0	558	147	12	1	1	0.00	8.36	0
CO15675	CO15808	9.10	0 1-	4ACSR	0	0	553	147	0	0	0	0.00	8.36	0
CO15754	CO15625	9.10	7 1-	4ACSR	0	0	553	147	68	9	7	0.03	8.39	3
CO15755	CO15754	9.17	4 1-	4ACSR	0	0	545	147	40	5	4	0.01	8.40	0
CO15676	CO15546	8.87	1 1-	4ACSR	0	0	581	149	26	3	3	0.01	8.23	0
CO15677	CO15676	8.91	1 1-	4ACSR	0	0	575	149	26	3	3	0.01	8.24	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15678	CO15677	8.97	1 1-	4ACSR	0	0	569	148	26	3	3	0.00	8.24	0
CO15583	CO15541	8.41	1 1-	4ACSR	0	0	643	153	13	1	1	0.00	7.60	0
CO14814	CO15155	8.00	0 1-	4ACSR	0	0	708	157	0	0	0	0.00	7.06	0
CO14952	CO14806	7.92	3 1-	4ACSR	0	0	721	157	22	3	2	0.01	6.93	0
CO14951	CO14952	8.01	2 1-	4ACSR	0	0	705	157	22	3	2	0.01	6.94	0
CO14842	CO14951	8.06	1 1-	4ACSR	0	0	697	156	12	1	1	0.00	6.95	0
CO14990	CO14951	8.05	0 1-	4ACSR	0	0	698	156	0	0	0	0.00	6.94	0
CO14989	CO14990	8.09	0 1-	4ACSR	0	0	692	156	0	0	0	0.00	6.94	0
CO14950	CO14951	8.06	1 1-	4ACSR	0	0	698	156	10	1	1	0.00	6.95	0
CO15085	CO14805	7.73	2 1-	4ACSR	0	0	757	159	15	2	2	0.01	6.39	0
CO15086	CO15085	8.03	2 1-	4ACSR	0	0	703	157	15	2	2	0.03	6.42	0
CO14841	CO15086	8.10	1 1-	4ACSR	0	0	690	156	15	2	2	0.00	6.42	0
CO15158	CO15086	8.09	0 1-	4ACSR	0	0	692	156	0	0	0	0.00	6.42	0
CO15157	CO15086	8.14	1 1-	4ACSR	0	0	684	155	0	0	0	0.00	6.42	0
CO14840	CO14877	7.65	1 1-	4ACSR	0	0	773	160	17	2	2	0.01	5.92	0
CO14947	CO15084	6.87	2 1-	4ACSR	0	0	915	165	15	2	2	0.02	5.32	0
OC1986439509	CO14947	6.87	2 1-	20 N FUSE	0	0	915	165	15	2	11	0.00	5.32	0
CO14948	OC1986439509	6.96	1 1-	4ACSR	0	0	893	164	1	0	0	0.00	5.32	0
CO14946	OC1986439509	6.95	0 1-	4ACSR	0	0	895	164	0	0	0	0.00	5.32	0
CO14949	OC1986439509	6.97	1 1-	4ACSR	0	0	889	164	14	1	1	0.00	5.32	0
CO15078	CO15077	6.46	10 1-	4ACSR	0	0	1009	168	129	18	13	0.04	5.15	9
OC769078401	CO15078	6.46	7 1-	20 N FUSE	0	0	1009	168	91	12	64	0.00	5.15	0
CO15079	OC769078401	6.48	7 1-	4ACSR	0	0	1002	167	91	12	9	0.01	5.16	0
CO14943	CO15079	6.52	7 1-	4ACSR	0	0	990	167	91	12	9	0.02	5.18	3
CO15080	CO14943	6.57	5 1-	4ACSR	0	0	975	166	65	9	7	0.02	5.19	0
CO15081	CO15080	6.62	3 1-	4ACSR	0	0	962	166	40	5	4	0.01	5.20	0
CO15082	CO15081	6.66	1 1-	4ACSR	0	0	949	165	23	3	2	0.00	5.21	0
CO15122	CO14804	6.28	313 3-	1/0ACSR	1274	1202	1056	169	2331	110	48	0.26	5.17	914
CO15123	CO15122	6.42	312 3-	1/0ACSR	1243	1169	1024	168	2323	109	48	0.26	5.43	925
CO14807	CO15123	6.56	312 3-	1/0ACSR	1210	1136	992	167	2319	109	48	0.28	5.70	985
CO14844	CO14807	6.59	1 1-	4ACSR	0	0	984	167	9	1	1	0.00	5.70	0
OC976808779	CO14844	6.59	0 1-	20 N FUSE	0	0	984	167	0	0	0	0.00	5.70	0
CO14879	CO14807	6.61	311 3-	1/0ACSR	1200	1125	982	167	2305	109	48	0.09	5.79	326
CO14878	CO14879	6.64	311 3-	1/0ACSR	1191	1116	974	167	2304	109	48	0.07	5.87	261
CO14845	CO14878	6.68	1 1-	4ACSR	0	0	963	167	2	0	0	0.00	5.87	0
OC-196301738	CO14845	6.68	0 1-	20 N FUSE	0	0	963	167	0	0	0	0.00	5.87	0
CO14808	CO14878	6.77	310 3-	1/0ACSR	1165	1090	949	166	2300	109	48	0.24	6.10	832
CO17267	CO14808	6.97	304 3-	1/0ACSR	1125	1048	910	165	2235	106	46	0.37	6.48	1292
CO7696	CO17267	7.05	301 3-	1/0ACSR	1109	1033	895	165	2206	105	46	0.15	6.63	510
CO7695	CO7696	7.13	300 3-	1/0ACSR	1094	1017	881	165	2193	104	46	0.15	6.77	498
CO7693	CO7695	7.19	300 3-	1/0ACSR	1083	1006	870	164	2191	104	46	0.12	6.89	398
CO7694	CO7693	7.32	299 3-	1/0ACSR	1060	985	849	164	2173	104	45	0.23	7.12	776
CO7692	CO7694	7.34	297 3-	1/0ACSR	1055	980	844	164	2167	103	45	0.05	7.17	183
CO7435	CO7692	7.50	294 3-	1/0ACSR	1029	957	821	163	2135	102	45	0.27	7.45	912
CO7701	CO7435	7.58	14 1-	4ACSR	0	0	803	162	104	15	11	0.06	7.50	10
OC-719484685	CO7701	7.58	11 1-	20 N FUSE	0	0	803	162	97	13	70	0.00	7.50	0
CO7702	OC-719484685	7.66	11 1-	4ACSR	0	0	787	161	97	13	10	0.04	7.55	7
CO7594	CO7702	7.78	3 1-	4ACSR	0	0	762	160	30	4	3	0.02	7.56	0
CO7595	CO7594	7.83	2 1-	4ACSR	0	0	753	160	13	1	1	0.00	7.57	0
CO7591	CO7702	7.75	6 1-	4ACSR	0	0	768	160	41	5	4	0.03	7.57	0
CO7706	CO7591	7.81	6 1-	4ACSR	0	0	757	160	41	5	4	0.01	7.59	0
CO7707	CO7706	7.90	4 1-	4ACSR	0	0	740	159	27	3	3	0.02	7.60	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7705	CO7707	7.93	3 1-	4ACSR	0	0	735	159	27	3	3	0.00	7.61	0
CO7592	CO7705	7.97	1 1-	4ACSR	0	0	727	158	13	1	1	0.00	7.61	0
CO7593	CO7592	8.02	1 1-	4ACSR	0	0	718	158	13	1	1	0.00	7.61	0
CO7469	CO7702	7.72	1 1-	4ACSR	0	0	773	161	11	1	1	0.00	7.55	0
CO7436	CO7435	7.57	279 3-	1/0ACSR	1017	945	809	162	2022	97	42	0.13	7.58	409
CO7470	CO7436	7.66	1 1-	4ACSR	0	0	791	162	0	0	0	0.00	7.58	0
OC-759209009	CO7470	7.66	0 1-	20 N FUSE	0	0	791	162	0	0	0	0.00	7.58	0
CO7437	CO7436	7.64	276 3-	1/0ACSR	1006	935	799	162	2004	96	42	0.11	7.69	353
CO7724	CO7437	7.71	2 1-	4ACSR	0	0	784	161	16	2	2	0.01	7.70	0
OC-648730125	CO7724	7.71	1 1-	20 N FUSE	0	0	784	161	16	2	12	0.00	7.70	0
CO7725	OC-648730125	7.73	1 1-	4ACSR	0	0	780	161	16	2	2	0.00	7.70	0
CO7699	CO7437	7.69	272 3-	1/0ACSR	997	928	792	162	1975	95	41	0.09	7.78	276
CO7700	CO7699	7.74	271 3-	1/0ACSR	990	920	785	162	1961	94	41	0.08	7.86	259
CO7471	CO7700	7.84	1 1-	4ACSR	0	0	766	161	2	0	0	0.00	7.86	0
OC1642092981	CO7471	7.84	0 1-	20 N FUSE	0	0	766	161	0	0	0	0.00	7.86	0
CO7655	CO7700	7.80	268 3-	1/0ACSR	981	912	777	161	1942	93	41	0.09	7.96	288
CO7540	CO7655	7.85	1 1-	2ACSR	0	0	768	161	7	1	1	0.00	7.96	0
OC413730703	CO7540	7.85	0 1-	20 N FUSE	0	0	768	161	0	0	0	0.00	7.96	0
CO7656	CO7655	7.85	267 3-	1/0ACSR	974	906	770	161	1933	93	41	0.08	8.03	235
CO7438	CO7656	7.96	57 1-	4ACSR	0	0	749	160	367	53	38	0.28	8.31	172
CO7537	CO7438	8.02	2 1-	2ACSR	0	0	739	160	12	1	1	0.00	8.31	0
CO7439	CO7438	7.98	44 1-	4ACSR	0	0	745	160	294	42	30	0.04	8.34	18
CO7686	CO7439	8.03	2 1-	4ACSR	0	0	737	159	27	3	3	0.01	8.35	0
CO7687	CO7686	8.08	1 1-	4ACSR	0	0	726	159	10	1	1	0.00	8.35	0
CO7657	CO7439	8.09	41 1-	4ACSR	0	0	725	159	256	37	27	0.19	8.53	82
CO1303756847	CO7657	8.16	40 1-	2ACSR	0	0	716	158	247	35	20	0.08	8.61	30
CO106826226	CO1303756847	8.21	1 1-	2ACSR	0	0	708	158	20	2	2	0.00	8.61	0
CO582025391	CO1303756847	8.21	39 1-	2ACSR	0	0	709	158	227	33	18	0.05	8.66	20
CO7780	CO582025391	8.21	38 1-	4ACSR	0	0	708	158	215	31	22	0.01	8.67	3
OC199	CO7780	8.21	38 1-	35 H OCR	0	0	708	158	215	31	89	0.00	8.67	0
CO7781	OC199	8.38	38 1-	4ACSR	0	0	681	156	215	31	22	0.23	8.91	86
OC1143109686	CO7781	8.38	38 1-	20 N FUSE	0	0	681	156	215	31	156	0.00	8.91	0
CO7684	OC1143109686	8.39	38 1-	4ACSR	0	0	679	156	215	31	22	0.02	8.92	5
CO7685	CO7684	8.45	37 1-	4ACSR	0	0	669	156	210	30	22	0.09	9.01	32
CO7596	CO7685	8.57	0 1-	4ACSR	0	0	652	155	0	0	0	0.00	9.01	0
CO7682	CO7596	8.61	0 1-	4ACSR	0	0	646	154	0	0	0	0.00	9.01	0
CO7683	CO7682	8.66	0 1-	4ACSR	0	0	638	154	0	0	0	0.00	9.01	0
CO7726	CO7685	8.51	35 1-	4ACSR	0	0	660	155	204	29	21	0.08	9.09	27
CO-1141362042	CO7726	8.83	1 1-	2ACSR	0	0	623	153	0	0	0	0.00	9.09	0
CO7727	CO7726	8.54	33 1-	4ACSR	0	0	656	155	198	28	21	0.04	9.12	12
CO7541	CO7727	8.74	33 1-	4ACSR	0	0	627	153	198	28	21	0.26	9.39	89
CO8379	CO7541	8.82	31 1-	4ACSR	0	0	617	152	186	27	19	0.10	9.49	31
CO8161	CO8379	8.90	30 1-	4ACSR	0	0	606	152	185	27	19	0.10	9.59	32
CO7959	CO8161	8.97	29 1-	4ACSR	0	0	596	151	171	25	18	0.09	9.67	25
CO7992	CO7959	9.03	1 1-	4ACSR	0	0	589	151	12	1	1	0.00	9.67	0
CO7960	CO7959	9.12	27 1-	4ACSR	0	0	578	150	158	23	17	0.16	9.83	42
CO8068	CO7960	9.17	26 1-	4ACSR	0	0	572	149	150	22	16	0.05	9.88	12
CO8065	CO8068	9.25	26 1-	4ACSR	0	0	562	149	150	22	16	0.09	9.96	22
CO-803476091	CO8065	9.31	26 1-	2ACSR	0	0	557	148	150	22	12	0.04	10.00	10
CO-1564403278	CO-803476091	9.41	1 1-	2ACSR	0	0	549	148	9	1	1	0.00	10.00	0
CO1027830199	CO-803476091	9.44	25 1-	2ACSR	0	0	546	148	142	20	12	0.09	10.09	20
CO8066	CO1027830199	9.48	25 1-	4ACSR	0	0	542	147	141	20	15	0.04	10.12	9

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7961	CO8066	9.59	7 1-	4ACSR	0	0	530	146	29	4	3	0.02	10.15	0
CO7962	CO7961	9.70	7 1-	4ACSR	0	0	519	146	29	4	3	0.02	10.17	0
CO7990	CO7962	9.82	1 1-	4ACSR	0	0	507	145	20	2	2	0.01	10.18	0
CO7963	CO7962	9.77	6 1-	4ACSR	0	0	512	145	9	1	1	0.00	10.17	0
CO7964	CO7963	9.89	5 1-	4ACSR	0	0	501	144	8	1	1	0.01	10.18	0
CO8047	CO7964	10.18	5 1-	4ACSR	0	0	475	142	8	1	1	0.01	10.19	0
CO8048	CO8047	10.23	4 1-	4ACSR	0	0	471	141	3	0	0	0.00	10.19	0
CO7965	CO8048	10.61	1 1-	4ACSR	0	0	442	139	0	0	0	0.00	10.19	0
CO8103	CO8048	10.50	1 1-	4ACSR	0	0	450	139	1	0	0	0.00	10.19	0
CO8104	CO8103	10.54	1 1-	4ACSR	0	0	447	139	1	0	0	0.00	10.19	0
CO7996	CO8048	10.29	1 1-	4ACSR	0	0	466	141	1	0	0	0.00	10.19	0
CO7991	CO7963	9.85	1 1-	4ACSR	0	0	505	144	1	0	0	0.00	10.17	0
CO7989	CO7961	9.64	0 1-	4ACSR	0	0	525	146	0	0	0	0.00	10.15	0
CO7966	CO8066	9.56	18 1-	4ACSR	0	0	534	147	112	16	12	0.05	10.18	10
CO8078	CO7966	9.75	16 1-	4ACSR	0	0	515	145	96	14	10	0.12	10.30	20
CO8073	CO8078	9.79	16 1-	4ACSR	0	0	510	145	96	14	10	0.03	10.33	5
CO8077	CO8073	9.83	16 1-	4ACSR	0	0	507	144	96	14	10	0.02	10.36	4
CO8074	CO8077	9.87	15 1-	4ACSR	0	0	503	144	84	12	9	0.02	10.38	3
CO8076	CO8074	10.09	12 1-	4ACSR	0	0	483	142	70	10	7	0.10	10.48	12
CO8075	CO8076	10.18	11 1-	4ACSR	0	0	475	142	70	10	7	0.04	10.52	5
CO7994	CO8075	10.37	1 1-	4ACSR	0	0	460	140	1	0	0	0.00	10.52	0
CO8045	CO8075	10.26	8 1-	4ACSR	0	0	468	141	56	8	6	0.03	10.55	2
CO8141	CO8045	10.33	7 1-	4ACSR	0	0	463	141	39	5	4	0.01	10.56	0
CO8142	CO8141	10.50	2 1-	4ACSR	0	0	450	139	19	2	2	0.01	10.57	0
CO8105	CO8075	10.28	2 1-	4ACSR	0	0	467	141	13	1	1	0.01	10.53	0
CO8108	CO8105	10.46	1 1-	4ACSR	0	0	453	140	9	1	1	0.01	10.54	0
CO8106	CO8108	10.48	0 1-	4ACSR	0	0	451	139	0	0	0	0.00	10.54	0
CO8107	CO8106	10.55	0 1-	4ACSR	0	0	446	139	0	0	0	0.00	10.54	0
CO7995	CO8105	10.31	1 1-	4ACSR	0	0	464	141	4	0	0	0.00	10.53	0
CO8072	CO7966	9.84	1 1-	4ACSR	0	0	506	144	6	0	1	0.01	10.19	0
OC-315405273	CO8072	9.84	1 1-	20 N FUSE	0	0	506	144	6	0	4	0.00	10.19	0
CO8069	OC-315405273	10.03	1 1-	4ACSR	0	0	488	143	6	0	1	0.01	10.20	0
CO8071	CO8069	10.22	1 1-	4ACSR	0	0	472	141	6	0	1	0.01	10.21	0
CO8070	CO8071	10.31	1 1-	4ACSR	0	0	464	141	6	0	1	0.00	10.21	0
CO7993	CO7960	9.17	1 1-	4ACSR	0	0	572	149	8	1	1	0.00	9.83	0
CO8013	CO7993	9.23	1 1-	1/0PRIURD	0	0	568	294	8	1	1	0.00	9.83	0
CO7988	CO8161	8.97	1 1-	4ACSR	0	0	596	151	14	2	1	0.00	9.59	0
CO7599	CO7541	8.79	1 1-	4ACSR	0	0	620	153	3	0	0	0.00	9.39	0
CO7600	CO7599	8.98	1 1-	4ACSR	0	0	595	151	3	0	0	0.00	9.39	0
CO7475	CO7541	8.81	1 1-	4ACSR	0	0	617	153	9	1	1	0.00	9.39	0
CO7473	CO582025391	8.25	1 1-	4ACSR	0	0	702	158	12	1	1	0.00	8.66	0
CO7533	CO7657	8.19	1 1-	2ACSR	0	0	711	158	9	1	1	0.00	8.53	0
CO7688	CO7438	8.00	11 1-	4ACSR	0	0	741	160	61	8	6	0.01	8.32	0
CO7689	CO7688	8.06	9 1-	4ACSR	0	0	730	159	42	6	4	0.02	8.34	0
CO7690	CO7689	8.10	7 1-	4ACSR	0	0	723	159	32	4	3	0.01	8.35	0
CO7691	CO7690	8.11	5 1-	4ACSR	0	0	721	159	27	3	3	0.00	8.35	0
CO7589	CO7691	8.15	5 1-	4ACSR	0	0	715	158	27	3	3	0.01	8.35	0
CO7676	CO7589	8.17	3 1-	4ACSR	0	0	712	158	14	2	1	0.00	8.35	0
CO7677	CO7676	8.19	3 1-	4ACSR	0	0	708	158	14	2	1	0.00	8.36	0
CO7474	CO7677	8.24	1 1-	4ACSR	0	0	700	157	6	0	1	0.00	8.36	0
CO7597	CO7677	8.34	2 1-	4ACSR	0	0	683	156	8	1	1	0.01	8.36	0
CO7598	CO7597	8.43	1 1-	4ACSR	0	0	668	156	5	0	1	0.00	8.36	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7440	CO7656	7.92	207 3-	1/0ACSR	962	896	760	161	1548	74	33	0.10	8.13	243
CO7476	CO7440	7.99	2 1-	4ACSR	0	0	748	160	9	1	1	0.00	8.13	0
OC-86104481	CO7476	7.99	0 1-	20 N FUSE	0	0	748	160	0	0	0	0.00	8.13	0
CO7679	CO7440	7.98	205 3-	1/0ACSR	954	888	753	161	1538	74	32	0.07	8.21	177
CO7678	CO7679	8.00	205 3-	1/0ACSR	951	886	750	160	1537	74	32	0.03	8.23	63
CO7697	CO7678	8.04	202 3-	1/0ACSR	945	880	745	160	1389	67	29	0.05	8.28	111
CO7698	CO7697	8.12	200 3-	1/0ACSR	934	870	735	160	1381	66	29	0.09	8.37	200
CO7477	CO7698	8.16	2 1-	4ACSR	0	0	728	160	16	2	2	0.00	8.38	0
OC445354926	CO7477	8.16	0 1-	20 N FUSE	0	0	728	160	0	0	0	0.00	8.38	0
CO7782	CO7698	8.13	197 3-	1/0ACSR	933	869	734	160	1351	65	28	0.01	8.38	16
OC202	CO7782	8.13	197 3-	70 L OCR	933	869	734	160	1351	65	94	0.00	8.38	0
CO7783	OC202	8.20	197 3-	1/0ACSR	924	860	726	160	1351	65	28	0.08	8.46	170
CO7669	CO7783	8.26	5 1-	4ACSR	0	0	714	159	17	2	2	0.01	8.47	0
OC1232125020	CO7669	8.26	4 1-	20 N FUSE	0	0	714	159	16	2	11	0.00	8.47	0
CO7479	OC1232125020	8.31	1 1-	4ACSR	0	0	706	158	0	0	0	0.00	8.47	0
CO7670	OC1232125020	8.31	3 1-	4ACSR	0	0	706	158	15	2	2	0.00	8.47	0
CO7478	CO7783	8.23	2 1-	4ACSR	0	0	719	159	17	2	2	0.00	8.46	0
OC-259087269	CO7478	8.23	0 1-	20 N FUSE	0	0	719	159	0	0	0	0.00	8.46	0
CO7703	CO7783	8.24	190 3-	1/0ACSR	917	854	720	159	1316	63	28	0.05	8.51	109
CO7704	CO7703	8.32	188 3-	1/0ACSR	907	845	711	159	1305	63	28	0.08	8.60	173
CO7486	CO7704	8.39	2 1-	4ACSR	0	0	700	158	8	1	1	0.00	8.60	0
OC-517993438	CO7486	8.39	0 1-	20 N FUSE	0	0	700	158	0	0	0	0.00	8.60	0
CO7485	CO7704	8.39	3 1-	4ACSR	0	0	700	158	4	0	0	0.00	8.60	0
OC-452159361	CO7485	8.39	0 1-	20 N FUSE	0	0	700	158	0	0	0	0.00	8.60	0
CO7728	CO7704	8.41	181 3-	1/0ACSR	895	834	701	159	1275	61	27	0.10	8.70	197
CO7729	CO7728	8.49	179 3-	1/0ACSR	885	825	692	158	1253	60	26	0.08	8.78	167
CO7662	CO7729	8.53	3 1-	4ACSR	0	0	686	158	7	1	1	0.00	8.78	0
OC2024520492	CO7662	8.53	3 1-	20 N FUSE	0	0	686	158	7	1	5	0.00	8.78	0
CO7487	OC2024520492	8.57	1 1-	4ACSR	0	0	679	157	0	0	0	0.00	8.78	0
CO7663	OC2024520492	8.72	2 1-	4ACSR	0	0	657	156	7	1	1	0.00	8.79	0
CO7720	CO7729	8.55	174 3-	1/0ACSR	878	819	686	158	1228	59	26	0.06	8.84	115
CO7721	CO7720	8.66	172 3-	1/0ACSR	864	806	674	157	1216	59	26	0.12	8.96	227
CO7542	CO7721	8.72	170 3-	1/0ACSR	857	800	668	157	1207	58	26	0.06	9.02	112
CO7603	CO7542	8.76	2 1-	4ACSR	0	0	661	157	35	5	4	0.01	9.02	0
OC804495684	CO7603	8.76	1 1-	20 N FUSE	0	0	661	157	18	2	13	0.00	9.02	0
CO7604	OC804495684	8.81	1 1-	4ACSR	0	0	654	156	18	2	2	0.00	9.03	0
CO7718	CO7542	8.74	167 3-	1/0ACSR	855	797	665	157	1163	56	25	0.02	9.04	40
CO7719	CO7718	8.81	164 3-	1/0ACSR	846	789	658	157	1130	55	24	0.07	9.11	125
CO7548	CO7719	8.98	2 1-	4ACSR	0	0	634	155	10	1	1	0.01	9.12	0
OC-1780233274	CO7548	8.98	1 1-	20 N FUSE	0	0	634	155	3	0	2	0.00	9.12	0
CO7549	OC-1780233274	9.08	1 1-	4ACSR	0	0	621	154	3	0	0	0.00	9.12	0
CO7550	CO7549	9.11	1 1-	4ACSR	0	0	616	154	3	0	0	0.00	9.12	0
CO7551	CO7550	9.27	1 1-	4ACSR	0	0	597	153	3	0	0	0.00	9.12	0
CO7488	CO7719	8.89	3 1-	4ACSR	0	0	647	156	14	2	1	0.00	9.11	0
OC-1476686314	CO7488	8.89	0 1-	20 N FUSE	0	0	647	156	0	0	0	0.00	9.11	0
CO7716	CO7719	8.90	157 3-	1/0ACSR	836	780	650	156	1091	53	23	0.08	9.19	139
CO7717	CO7716	8.95	155 3-	1/0ACSR	830	775	644	156	1072	52	23	0.05	9.24	87
CO7441	CO7717	9.00	148 3-	1/0ACSR	825	770	640	156	1033	50	22	0.04	9.28	68
CO7442	CO7441	9.10	146 3-	1/0ACSR	814	760	631	155	1006	49	21	0.08	9.36	130
CO7714	CO7442	9.17	128 3-	1/0ACSR	806	753	624	155	844	41	18	0.06	9.42	76
CO1719524294	CO7714	9.19	2 1-	2ACSR	0	0	622	155	9	1	1	0.00	9.42	0
OC-1169618323	CO1719524294	9.19	0 1-	20 N FUSE	0	0	622	155	0	0	0	0.00	9.42	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7715	CO7714	9.23	124 3-	1/0ACSR	800	747	619	155	814	39	17	0.04	9.46	50
CO7659	CO7715	9.42	123 3-	1/0ACSR	781	730	603	154	801	39	17	0.13	9.59	165
CO7712	CO7659	9.50	115 3-	1/0ACSR	773	723	596	154	705	34	15	0.05	9.63	54
CO7713	CO7712	9.61	113 3-	1/0ACSR	763	713	587	153	696	34	15	0.07	9.70	72
CO7458	CO7713	9.64	111 3-	1/0ACSR	759	710	584	153	692	33	15	0.02	9.72	25
CO7751	CO7458	9.67	108 3-	1/0ACSR	757	708	582	153	668	32	14	0.01	9.73	13
CO7752	CO7751	9.72	107 3-	1/0ACSR	752	703	578	153	663	32	14	0.03	9.76	30
CO7455	CO7752	9.76	102 3-	1/0ACSR	749	700	575	152	632	30	13	0.02	9.78	21
CO7457	CO7455	9.85	81 3-	1/0ACSR	740	692	568	152	495	24	11	0.04	9.82	32
CO7467	CO7457	9.87	81 3-	1/0ACSR	738	690	566	152	495	24	11	0.01	9.83	8
CO7653	CO7467	9.91	1 1-	4ACSR	0	0	562	152	1	0	0	0.00	9.83	0
OC-117223694	CO7653	9.91	1 1-	20 N FUSE	0	0	562	152	1	0	1	0.00	9.83	0
CO7654	OC-117223694	9.93	1 1-	4ACSR	0	0	560	151	1	0	0	0.00	9.83	0
CO7774	CO7467	9.90	76 3-	1/0ACSR	736	688	565	152	464	22	10	0.01	9.84	7
CO7775	CO7774	9.98	75 3-	1/0ACSR	729	682	559	152	459	22	10	0.03	9.87	22
CO7749	CO7775	10.00	4 1-	4ACSR	0	0	556	151	43	6	5	0.01	9.88	0
OC-689009929	CO7749	10.00	3 1-	20 N FUSE	0	0	556	151	32	4	24	0.00	9.88	0
CO7750	OC-689009929	10.04	3 1-	4ACSR	0	0	552	151	32	4	3	0.00	9.88	0
CO7778	CO7775	9.98	45 1-	4ACSR	0	0	558	151	303	44	32	0.01	9.89	7
OC198	CO7778	9.98	45 1-	25 H OCR	0	0	558	151	303	44	179	0.00	9.89	0
CO7779	OC198	10.05	45 1-	4ACSR	0	0	551	151	303	44	32	0.14	10.03	73
CO7748	CO7779	10.06	44 1-	4ACSR	0	0	550	151	300	44	32	0.02	10.05	10
CO7564	CO7748	10.10	44 1-	4ACSR	0	0	547	150	300	44	32	0.07	10.11	34
CO7628	CO7564	10.34	44 1-	4ACSR	0	0	522	148	300	44	32	0.49	10.61	256
CO7629	CO7628	10.36	41 1-	4ACSR	0	0	520	148	284	42	30	0.04	10.65	19
CO7767	CO7629	10.39	41 1-	4ACSR	0	0	518	148	284	42	30	0.05	10.70	26
CO7771	CO7767	10.41	41 1-	4ACSR	0	0	516	148	284	42	30	0.04	10.74	21
CO7770	CO7771	10.42	40 1-	4ACSR	0	0	515	148	283	42	30	0.02	10.77	12
CO7539	CO7770	10.50	1 1-	2ACSR	0	0	509	147	0	0	0	0.00	10.77	0
CO7741	CO7770	10.43	39 1-	4ACSR	0	0	514	148	283	42	30	0.01	10.78	7
CO7742	CO7741	10.44	38 1-	4ACSR	0	0	512	148	274	40	29	0.03	10.81	13
CO7680	CO7742	10.47	38 1-	4ACSR	0	0	510	147	273	40	29	0.05	10.86	26
CO7681	CO7680	10.52	37 1-	4ACSR	0	0	505	147	272	40	29	0.09	10.96	44
CO7536	CO7681	10.59	1 1-	2ACSR	0	0	501	146	9	1	1	0.00	10.96	0
CO7743	CO7681	10.62	36 1-	4ACSR	0	0	497	146	263	39	28	0.17	11.12	77
CO7744	CO7743	10.67	36 1-	4ACSR	0	0	492	146	263	39	28	0.09	11.22	42
CO7745	CO7744	10.75	35 1-	4ACSR	0	0	486	145	253	37	27	0.13	11.35	59
CO7565	CO7745	10.78	35 1-	4ACSR	0	0	483	145	253	37	27	0.05	11.40	22
CO7459	CO7565	10.97	35 1-	4ACSR	0	0	468	143	253	37	27	0.33	11.72	144
CO7517	CO7459	11.06	1 1-	4ACSR	0	0	461	143	5	0	1	0.00	11.73	0
CO7765	CO7459	11.09	34 1-	4ACSR	0	0	459	142	247	36	26	0.20	11.92	85
CO7766	CO7765	11.12	33 1-	4ACSR	0	0	456	142	240	35	26	0.05	11.98	22
CO7566	CO7766	11.27	33 1-	4ACSR	0	0	445	141	239	35	26	0.25	12.22	104
CO7567	CO7566	11.35	33 1-	4ACSR	0	0	439	140	239	35	26	0.14	12.36	59
CO7739	CO7567	11.43	33 1-	4ACSR	0	0	434	140	239	35	26	0.12	12.49	51
CO7740	CO7739	11.54	32 1-	4ACSR	0	0	426	139	238	35	26	0.19	12.67	77
CO7568	CO7740	11.62	30 1-	4ACSR	0	0	421	138	231	34	25	0.12	12.79	48
CO7460	CO7568	11.66	27 1-	4ACSR	0	0	419	138	223	33	24	0.06	12.85	22
CO7762	CO7460	11.71	26 1-	4ACSR	0	0	416	138	215	32	23	0.07	12.92	27
CO7763	CO7762	11.78	25 1-	4ACSR	0	0	411	137	212	32	23	0.10	13.03	39
CO7519	CO7763	11.81	1 1-	4ACSR	0	0	409	137	2	0	0	0.00	13.03	0
CO7667	CO7763	11.81	24 1-	4ACSR	0	0	409	137	210	31	23	0.04	13.07	15

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7534	CO7667	11.86	2 1-	2/0ACSR	0	0	407	137	14	2	1	0.00	13.07	0
CO7668	CO7667	11.85	22 1-	4ACSR	0	0	406	137	196	29	21	0.06	13.13	22
CO7569	CO7668	11.93	22 1-	4ACSR	0	0	402	136	195	29	21	0.10	13.23	33
CO7583	CO7569	11.99	21 1-	2ACSR	0	0	399	136	177	26	15	0.06	13.28	16
CO7584	CO7583	12.04	21 1-	2ACSR	0	0	397	136	177	26	15	0.03	13.32	10
CO7585	CO7584	12.08	21 1-	2ACSR	0	0	395	135	177	26	15	0.04	13.36	12
CO7586	CO7585	12.23	21 1-	2ACSR	0	0	388	135	177	26	15	0.12	13.48	37
CO7587	CO7586	12.33	21 1-	2ACSR	0	0	384	134	176	26	15	0.09	13.57	27
CO7588	CO7587	12.51	21 1-	2ACSR	0	0	376	133	176	26	15	0.15	13.73	45
OC-239019981	CO7588	12.51	21 1-	20 N FUSE	0	0	376	133	176	26	134	0.00	13.73	0
CO7792	OC-239019981	12.58	21 1-	2ACSR	0	0	373	133	176	26	15	0.05	13.78	16
CO-1505383493	CO7792	12.58	21 1-	2ACSR	0	0	373	133	176	26	15	0.00	13.78	0
CO7734	CO-1505383493	12.60	9 1-	2ACSR	0	0	372	133	70	10	6	0.01	13.79	0
CO7736	CO7734	12.63	9 1-	2ACSR	0	0	371	133	70	10	6	0.01	13.80	0
CO7735	CO7736	12.73	6 1-	2ACSR	0	0	367	132	48	7	4	0.02	13.82	0
CO8370	CO7735	12.80	1 1-	2ACSR	0	0	365	132	4	0	0	0.00	13.82	0
CO7773	CO7735	12.82	3 1-	2ACSR	0	0	364	132	17	2	1	0.01	13.82	0
CO7772	CO7773	12.88	1 1-	2ACSR	0	0	361	131	11	1	1	0.00	13.82	0
CO7524	CO7772	12.93	1 1-	2ACSR	0	0	359	131	11	1	1	0.00	13.83	0
CO7738	CO7772	12.91	0 1-	2ACSR	0	0	360	131	0	0	0	0.00	13.82	0
CO-107996170	CO7738	12.94	0 1-	2ACSR	0	0	359	131	0	0	0	0.00	13.82	0
SW-819138331-B	CO-107996170	12.94	0 1-	Open	0	0	359	131	0	0	0	0.00	13.82	0
CO7468	CO-1505383493	12.66	12 1-	2ACSR	0	0	370	132	106	16	9	0.04	13.82	7
CO7525	CO7468	12.74	2 1-	2ACSR	0	0	367	132	28	4	2	0.01	13.83	0
CO7577	CO7468	12.70	8 1-	2ACSR	0	0	369	132	63	9	5	0.01	13.83	0
CO7578	CO7577	12.81	6 1-	2ACSR	0	0	364	132	44	6	4	0.02	13.85	0
CO7579	CO7578	12.96	4 1-	2ACSR	0	0	358	131	28	4	2	0.02	13.87	0
CO7580	CO7579	13.08	3 1-	2ACSR	0	0	354	130	26	3	2	0.02	13.89	0
CO7581	CO7580	13.16	3 1-	2ACSR	0	0	351	130	26	3	2	0.01	13.90	0
CO7582	CO7581	13.24	3 1-	2ACSR	0	0	348	130	26	3	2	0.01	13.91	0
CO7526	CO7582	13.33	1 1-	2ACSR	0	0	345	129	19	2	2	0.00	13.91	0
CO7644	CO7582	13.31	2 1-	2ACSR	0	0	346	129	6	0	1	0.00	13.91	0
CO7645	CO7644	13.38	2 1-	2ACSR	0	0	343	129	6	0	1	0.00	13.91	0
CO7576	CO7468	12.72	2 1-	2ACSR	0	0	367	132	16	2	1	0.00	13.83	0
CO8368	CO7576	12.84	1 1-	2ACSR	0	0	363	132	11	1	1	0.01	13.83	0
CO7433	CO8368	12.90	0 1-	2ACSR	0	0	361	131	0	0	0	0.00	13.83	0
CO7346	CO8368	12.89	1 1-	2ACSR	0	0	361	131	11	1	1	0.00	13.84	0
CO7344	CO7346	13.13	1 1-	2ACSR	0	0	352	130	11	1	1	0.01	13.84	0
CO7345	CO7344	13.21	0 1-	2ACSR	0	0	349	130	0	0	0	0.00	13.84	0
CO7520	CO7460	11.71	0 1-	4ACSR	0	0	415	138	0	0	0	0.00	12.85	0
CO7632	CO7568	11.68	2 1-	4ACSR	0	0	417	138	3	0	0	0.00	12.79	0
CO7633	CO7632	11.77	1 1-	4ACSR	0	0	411	137	0	0	0	0.00	12.79	0
CO7518	CO7567	11.62	0 1-	4ACSR	0	0	421	138	0	0	0	0.00	12.36	0
CO7516	CO7565	10.91	0 1-	4ACSR	0	0	473	144	0	0	0	0.00	11.40	0
CO7627	CO7628	10.54	1 1-	4ACSR	0	0	503	147	1	0	0	0.00	10.61	0
CO7626	CO7628	10.53	2 1-	4ACSR	0	0	505	147	13	1	1	0.02	10.62	0
CO7789	CO7626	10.59	1 1-	1/0PRIURD	0	0	502	281	13	1	1	0.00	10.63	0
CO7461	CO7775	10.17	15 1-	4ACSR	0	0	539	150	38	5	4	0.05	9.92	3
OC-790036283	CO7461	10.17	15 1-	20 N FUSE	0	0	539	150	38	5	28	0.00	9.92	0
CO7462	OC-790036283	10.26	15 1-	4ACSR	0	0	530	149	38	5	4	0.02	9.95	0
CO7521	CO7462	10.34	2 1-	4ACSR	0	0	523	148	0	0	0	0.00	9.95	0
CO7463	CO7462	10.39	12 1-	4ACSR	0	0	517	148	38	5	4	0.03	9.98	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7464	CO7463	10.47	7 1-	4ACSR	0	0	510	147	26	3	3	0.01	9.99	0
CO7753	CO7464	10.53	3 1-	4ACSR	0	0	505	147	15	2	2	0.00	10.00	0
CO7754	CO7753	10.60	2 1-	4ACSR	0	0	498	146	5	0	1	0.00	10.00	0
CO7636	CO7754	10.66	2 1-	4ACSR	0	0	493	146	5	0	1	0.00	10.00	0
CO7637	CO7636	10.71	1 1-	4ACSR	0	0	489	145	0	0	0	0.00	10.00	0
CO7638	CO7464	10.58	4 1-	4ACSR	0	0	500	146	11	1	1	0.01	10.00	0
CO7639	CO7638	10.67	2 1-	4ACSR	0	0	492	146	7	0	1	0.00	10.00	0
CO7640	CO7639	10.73	1 1-	4ACSR	0	0	488	145	4	0	0	0.00	10.00	0
CO7634	CO7463	10.51	4 1-	4ACSR	0	0	507	147	12	1	1	0.01	9.99	0
CO7635	CO7634	10.55	2 1-	4ACSR	0	0	503	147	12	1	1	0.00	9.99	0
CO7531	CO7775	10.02	1 1-	2ACSR	0	0	555	151	13	1	1	0.00	9.88	0
OC1786406102	CO7531	10.02	0 1-	20 N FUSE	0	0	555	151	0	0	0	0.00	9.88	0
CO7746	CO7775	10.03	7 1-	4ACSR	0	0	553	151	30	4	3	0.01	9.88	0
OC1377572855	CO7746	10.03	4 1-	20 N FUSE	0	0	553	151	13	1	9	0.00	9.88	0
CO7747	OC1377572855	10.12	4 1-	4ACSR	0	0	544	150	13	1	1	0.01	9.89	0
CO7671	CO7747	10.18	1 1-	4ACSR	0	0	538	150	3	0	0	0.00	9.89	0
CO7529	CO7747	10.17	3 1-	4ACSR	0	0	539	150	9	1	1	0.00	9.89	0
CO7515	CO7457	9.91	0 1-	4ACSR	0	0	562	152	0	0	0	0.00	9.82	0
OC-1975587781	CO7515	9.91	0 1-	20 N FUSE	0	0	562	152	0	0	0	0.00	9.82	0
CO7527	CO7455	9.81	4 1-	4ACSR	0	0	569	152	12	1	1	0.00	9.79	0
OC239861705	CO7527	9.81	0 1-	20 N FUSE	0	0	569	152	0	0	0	0.00	9.79	0
CO7784	CO7455	9.76	17 1-	4ACSR	0	0	575	152	126	18	13	0.01	9.79	0
OC203	CO7784	9.76	17 1-	25 H OCR	0	0	575	152	126	18	74	0.00	9.79	0
CO7785	OC203	9.78	17 1-	4ACSR	0	0	573	152	126	18	13	0.01	9.80	3
CO7730	CO7785	9.83	16 1-	4ACSR	0	0	567	152	110	16	12	0.04	9.84	7
CO7732	CO7730	9.85	4 1-	4ACSR	0	0	565	152	45	6	5	0.00	9.84	0
CO7733	CO7732	9.89	4 1-	4ACSR	0	0	561	151	45	6	5	0.01	9.85	0
CO7731	CO7733	9.94	2 1-	4ACSR	0	0	555	151	24	3	2	0.00	9.86	0
CO7561	CO7730	10.10	10 1-	4ACSR	0	0	539	150	58	8	6	0.10	9.94	10
CO7562	CO7561	10.16	9 1-	4ACSR	0	0	532	149	58	8	6	0.03	9.97	3
CO7454	CO7562	10.25	7 1-	4ACSR	0	0	524	148	37	5	4	0.02	9.99	0
CO7790	CO7454	10.28	3 1-	4ACSR	0	0	521	148	24	3	3	0.00	9.99	0
CO7563	CO7790	10.30	2 1-	4ACSR	0	0	519	148	15	2	2	0.00	10.00	0
CO7528	CO7563	10.36	1 1-	4ACSR	0	0	513	147	10	1	1	0.00	10.00	0
CO7512	CO7563	10.34	1 1-	4ACSR	0	0	515	147	6	0	1	0.00	10.00	0
CO7456	CO7563	10.53	0 1-	4ACSR	0	0	498	146	0	0	0	0.00	10.00	0
CO7511	CO7456	10.60	0 1-	4ACSR	0	0	492	145	0	0	0	0.00	10.00	0
CO7510	CO7456	10.70	0 1-	4ACSR	0	0	483	144	0	0	0	0.00	10.00	0
CO7625	CO7454	10.32	2 1-	4ACSR	0	0	517	148	10	1	1	0.00	9.99	0
CO7768	CO7625	10.35	2 1-	4ACSR	0	0	514	147	10	1	1	0.00	10.00	0
CO7769	CO7768	10.38	1 1-	4ACSR	0	0	512	147	9	1	1	0.00	10.00	0
CO7621	CO7454	10.40	1 1-	4ACSR	0	0	510	147	0	0	0	0.00	9.99	0
CO7622	CO7621	10.52	1 1-	4ACSR	0	0	499	146	0	0	0	0.00	9.99	0
CO7623	CO7622	10.56	1 1-	4ACSR	0	0	495	146	0	0	0	0.00	9.99	0
CO7624	CO7623	10.86	1 1-	4ACSR	0	0	471	143	0	0	0	0.00	9.99	0
CO7509	CO7562	10.21	2 1-	4ACSR	0	0	528	149	21	3	2	0.00	9.97	0
CO7514	CO7752	9.75	3 1-	4ACSR	0	0	575	152	11	1	1	0.00	9.76	0
OC1008057270	CO7514	9.75	0 1-	20 N FUSE	0	0	575	152	0	0	0	0.00	9.76	0
CO7630	CO7458	9.74	2 1-	4ACSR	0	0	573	152	18	2	2	0.01	9.73	0
OC-2142346560	CO7630	9.74	2 1-	20 N FUSE	0	0	573	152	18	2	14	0.00	9.73	0
CO7631	OC-2142346560	9.79	2 1-	4ACSR	0	0	568	152	18	2	2	0.00	9.74	0
CO7513	CO7713	9.69	0 1-	4ACSR	0	0	577	152	0	0	0	0.00	9.70	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
OC2062340041	CO7513	9.69	0 1-	20 N FUSE	0	0	577	152	0	0	0	0.00	9.70	0	
	CO7532	OC2062340041	9.77	0 1-	2ACSR	0	0	570	152	0	0	0.00	9.70	0	
	CO7445	CO7659	9.48	5 1-	4ACSR	0	0	595	153	81	11	8	0.03	9.62	5
OC2016696408	CO7445	9.48	4 1-	20 N FUSE	0	0	595	153	71	10	52	0.00	9.62	0	
	CO7446	OC2016696408	9.56	3 1-	4ACSR	0	0	586	153	57	8	6	0.03	9.65	3
	CO7672	CO7446	9.70	3 1-	4ACSR	0	0	569	151	57	8	6	0.05	9.70	5
	CO7673	CO7672	9.76	2 1-	4ACSR	0	0	563	151	17	2	2	0.01	9.71	0
	CO7494	CO7673	9.79	1 1-	4ACSR	0	0	560	151	4	0	0	0.00	9.71	0
	CO7666	CO7673	9.82	1 1-	4ACSR	0	0	556	150	13	1	1	0.00	9.71	0
	CO7495	CO7672	9.79	1 1-	4ACSR	0	0	560	151	40	5	4	0.01	9.71	0
	CO7496	CO7446	9.62	0 1-	4ACSR	0	0	579	152	0	0	0	0.00	9.65	0
	CO7493	OC2016696408	9.55	1 1-	4ACSR	0	0	587	153	14	2	1	0.00	9.62	0
	CO7506	CO7659	9.52	2 1-	4ACSR	0	0	590	153	13	1	1	0.01	9.59	0
OC2141777241	CO7506	9.52	1 1-	20 N FUSE	0	0	590	153	5	0	3	0.00	9.59	0	
CO2117356002	OC2141777241	9.58	0 1-	2ACSR	0	0	584	153	0	0	0	0.00	9.59	0	
CO1804926232	OC2141777241	9.73	1 1-	2ACSR	0	0	571	152	5	0	0	0.00	9.59	0	
	CO7497	CO7659	9.61	1 1-	4ACSR	0	0	580	152	1	0	0	0.00	9.59	0
OC343949081	CO7497	9.61	0 1-	20 N FUSE	0	0	580	152	0	0	0	0.00	9.59	0	
	CO7538	CO7715	9.30	1 1-	2ACSR	0	0	611	154	14	1	1	0.00	9.46	0
OC1098479604	CO7538	9.30	0 1-	20 N FUSE	0	0	611	154	0	0	0	0.00	9.46	0	
	CO7543	CO7442	9.15	14 3-	4ACSR	805	752	623	155	134	6	5	0.01	9.38	4
OC-1309297204	CO7543	9.15	14 3-	20 N FUSE	805	752	623	155	134	6	33	0.00	9.38	0	
	CO7776	OC-1309297204	9.29	14 3-	4ACSR	782	733	605	154	134	6	5	0.03	9.41	8
	CO7777	CO7776	9.32	13 3-	4ACSR	777	729	602	153	118	5	4	0.01	9.42	0
	CO7484	CO7777	9.46	1 1-	4ACSR	0	0	585	152	17	2	2	0.01	9.42	0
OC-1741633210	CO7484	9.46	0 1-	20 N FUSE	0	0	585	152	0	0	0	0.00	9.42	0	
	CO7443	CO7777	9.42	11 3-	4ACSR	763	717	590	153	102	4	4	0.02	9.44	3
	CO7483	CO7443	9.54	2 1-	4ACSR	0	0	575	151	2	0	0	0.00	9.44	0
OC-58449109	CO7483	9.54	0 1-	20 N FUSE	0	0	575	151	0	0	0	0.00	9.44	0	
	CO7544	CO7443	9.49	9 3-	4ACSR	751	707	581	152	100	4	3	0.01	9.45	3
	CO7545	CO7544	9.58	9 3-	4ACSR	739	696	571	151	100	4	3	0.02	9.47	3
OC1565506323	CO7545	9.58	9 3-	20 N FUSE	739	696	571	151	100	4	24	0.00	9.47	0	
	CO7444	OC1565506323	9.62	9 3-	4ACSR	733	691	567	151	100	4	3	0.01	9.47	0
	CO7546	CO7444	9.70	6 3-	4ACSR	721	681	557	150	43	2	2	0.01	9.48	0
	CO7547	CO7546	9.77	6 3-	4ACSR	712	673	550	149	43	2	2	0.01	9.49	0
	CO78394041	CO7547	9.81	5 3-	2ACSR	708	669	547	149	43	2	1	0.00	9.49	0
CO1706521995	CO78394041	9.85	1 3-	2ACSR	703	665	543	149	27	1	1	0.00	9.49	0	
CO-721894356	CO78394041	9.86	4 3-	2ACSR	702	664	542	149	16	0	0	0.00	9.49	0	
	CO7602	CO-721894356	10.01	2 1-	4ACSR	0	0	527	148	4	0	0	0.00	9.49	0
OC-558801522	CO7602	10.01	0 1-	20 N FUSE	0	0	527	148	0	0	0	0.00	9.49	0	
	CO7480	CO7547	9.82	1 1-	4ACSR	0	0	544	149	0	0	0	0.00	9.49	0
OC1485695186	CO7480	9.82	0 1-	20 N FUSE	0	0	544	149	0	0	0	0.00	9.49	0	
	CO7481	CO7444	9.69	3 3-	2ACSR	725	684	560	150	57	2	2	0.00	9.48	0
	CO7482	CO7545	9.63	0 1-	4ACSR	0	0	566	151	0	0	0	0.00	9.47	0
	CO7492	CO7442	9.14	1 1-	4ACSR	0	0	625	155	16	2	2	0.00	9.36	0
OC-53677557	CO7492	9.14	0 1-	20 N FUSE	0	0	625	155	0	0	0	0.00	9.36	0	
	CO7491	CO7441	9.06	0 1-	4ACSR	0	0	632	155	0	0	0	0.00	9.28	0
OC645050653	CO7491	9.06	0 1-	20 N FUSE	0	0	632	155	0	0	0	0.00	9.28	0	
	CO7490	CO7717	8.99	2 1-	4ACSR	0	0	639	156	15	2	2	0.00	9.24	0
OC1505727612	CO7490	8.99	0 1-	20 N FUSE	0	0	639	156	0	0	0	0.00	9.24	0	
	CO7664	CO7717	9.01	4 1-	4ACSR	0	0	636	156	20	2	2	0.01	9.25	0
OC272128676	CO7664	9.01	2 1-	20 N FUSE	0	0	636	156	13	1	9	0.00	9.25	0	

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7665	OC272128676	9.07	1 1-	4ACSR	0	0	629	155	3	0	0	0.00	9.25	0
CO7489	OC272128676	9.07	1 1-	4ACSR	0	0	629	155	10	1	1	0.00	9.25	0
CO7617	CO7678	8.06	2 3-	2ACSR	942	877	742	160	146	7	4	0.01	8.24	3
CO7618	CO7617	8.10	1 3-	2ACSR	935	871	736	160	41	2	1	0.00	8.24	0
270772037	CO7617	8.06	1 3-	Consumer	942	877	742	160	104	5	0	0.00	8.24	0
CO7660	CO7656	7.95	3 1-	4ACSR	0	0	751	160	17	2	2	0.01	8.04	0
OC1555608935	CO7660	7.95	3 1-	20 N FUSE	0	0	751	160	17	2	12	0.00	8.04	0
CO7661	OC1555608935	8.04	1 1-	4ACSR	0	0	735	159	3	0	0	0.00	8.04	0
CO7472	OC1555608935	8.00	2 1-	4ACSR	0	0	741	160	14	2	1	0.00	8.05	0
CO7590	CO7692	7.39	3 1-	4ACSR	0	0	835	163	32	4	3	0.01	7.18	0
OC506408110	CO7590	7.39	3 1-	20 N FUSE	0	0	835	163	32	4	23	0.00	7.18	0
CO7722	OC506408110	7.41	3 1-	4ACSR	0	0	830	163	32	4	3	0.00	7.18	0
CO7723	CO7722	7.46	2 1-	4ACSR	0	0	819	162	17	2	2	0.00	7.19	0
CO14956	CO14808	6.82	1 1-	4ACSR	0	0	933	166	20	2	2	0.01	6.11	0
OC486308210	CO14956	6.82	1 1-	20 N FUSE	0	0	933	166	20	2	14	0.00	6.11	0
CO14955	OC486308210	6.88	1 1-	4ACSR	0	0	918	165	20	2	2	0.00	6.11	0
CO14843	CO15123	6.49	0 1-	4ACSR	0	0	1001	167	0	0	0	0.00	5.43	0
OC129230472	CO14843	6.49	0 1-	20 N FUSE	0	0	1001	167	0	0	0	0.00	5.43	0
CO14954	CO14804	6.25	1 1-	4ACSR	0	0	1056	168	6	0	1	0.00	4.91	0
OC-424674594	CO14954	6.25	0 1-	20 N FUSE	0	0	1056	168	0	0	0	0.00	4.91	0
CO14953	CO14804	6.24	1 1-	4ACSR	0	0	1060	169	5	0	1	0.00	4.91	0
OC1023432528	CO14953	6.24	0 1-	20 N FUSE	0	0	1060	169	0	0	0	0.00	4.91	0
CO2018820977	CO-1720559975	5.61	2 1-	2ACSR	0	0	1249	172	8	1	1	0.00	3.43	0
OC-697796299	CO2018820977	5.61	2 1-	20 N FUSE	0	0	1249	172	8	1	5	0.00	3.43	0
CO14839	OC-697796299	5.68	1 1-	4ACSR	0	0	1221	171	1	0	0	0.00	3.43	0
CO14838	OC-697796299	5.70	1 1-	4ACSR	0	0	1213	171	7	0	1	0.00	3.43	0
CO14837+	CO14801	5.03	1 1-	4ACSR	0	0	1258	321	6	0	0	0.00	0.27	0
OC-222330033+	CO14837	5.03	0 1-	20 N FUSE	0	0	1258	321	0	0	0	0.00	0.27	0
CO14836+	CO14801	5.05	2 1-	4ACSR	0	0	1254	321	9	0	0	0.00	0.27	0
OC1397050058+	CO14836	5.05	0 1-	20 N FUSE	0	0	1254	321	0	0	0	0.00	0.27	0
CO14846+	CO15133	4.67	0 1-	4ACSR	0	0	1326	325	0	0	0	0.00	2.45	0
CO1220655325+	CO35038291	2.03	1 1-	1/0PRIURD	0	0	1990	809	14	0	1	0.00	1.22	0
CO-1280287779+	CO1220655325	2.07	1 1-	1/0PRIURD	0	0	1976	806	14	0	1	0.00	1.22	0
CO4998444485+	CO-1280287779	2.15	1 1-	1/0PRIURD	0	0	1947	801	14	0	1	0.00	1.22	0
CO-807191167+	CO4998444485	2.19	1 1-	1/0PRIURD	0	0	1933	798	14	0	1	0.00	1.22	0
CO1076396889+	CO35038291	2.11	4 1-	1/0PRIURD	0	0	1962	804	22	1	1	0.00	1.22	0
CO1321615887+	CO1076396889	2.16	4 1-	1/0PRIURD	0	0	1942	800	22	1	1	0.00	1.22	0
CO-889925873+	CO1321615887	2.20	2 1-	1/0PRIURD	0	0	1929	798	17	1	1	0.00	1.22	0
CO14936+	CO14862	1.79	2 1-	4ACSR	0	0	2072	344	27	1	1	0.00	1.08	0
CO15026+	CO14936	1.86	2 1-	4ACSR	0	0	2034	343	27	1	1	0.00	1.08	0
CO15027+	CO15026	1.90	2 1-	4ACSR	0	0	2016	342	27	1	1	0.00	1.08	0
CO15028+	CO15027	1.91	0 1-	4ACSR	0	0	2006	342	0	0	0	0.00	1.08	0
CO14935+	CO15028	1.92	0 1-	4ACSR	0	0	2001	341	0	0	0	0.00	1.08	0
CO14934+	CO14935	1.94	0 1-	4ACSR	0	0	1991	341	0	0	0	0.00	1.08	0
CO15029+	CO14862	1.77	44 1-	2ACSR	0	0	2088	345	398	27	15	0.01	1.09	8
CO15030+	CO15029	1.79	44 1-	2ACSR	0	0	2078	345	398	27	15	0.01	1.10	6
CO15117+	CO15030	1.84	14 1-	2ACSR	0	0	2054	344	121	8	5	0.01	1.11	0
CO14835+	CO15117	1.86	1 1-	4ACSR	0	0	2043	344	6	0	0	0.00	1.11	0
CO15118+	CO15117	1.87	9 1-	2ACSR	0	0	2040	344	76	5	3	0.00	1.11	0
CO15031+	CO15118	1.90	5 1-	2ACSR	0	0	2025	343	43	2	2	0.00	1.11	0
CO15032+	CO15031	1.91	2 1-	2ACSR	0	0	2018	343	16	1	1	0.00	1.11	0
CO14793+	CO15030	1.85	29 1-	2ACSR	0	0	2050	344	265	18	10	0.02	1.12	6

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14916+	CO14793	1.90	18 1-	2ACSR	0	0	2026	343	160	10	6	0.01	1.12	0
CO14915+	CO14916	1.94	5 1-	2ACSR	0	0	2003	342	29	1	1	0.00	1.13	0
CO-578255028+	CO14915	2.01	5 1-	2ACSR	0	0	1971	341	29	1	1	0.00	1.13	0
CO247304192+	CO-578255028	2.06	5 1-	2ACSR	0	0	1949	341	29	1	1	0.00	1.13	0
CO15037+	CO14916	1.94	12 1-	2ACSR	0	0	2006	342	110	7	4	0.00	1.13	0
CO15038+	CO15037	1.97	10 1-	2ACSR	0	0	1992	342	87	5	3	0.00	1.13	0
CO15039+	CO15038	2.00	7 1-	2ACSR	0	0	1979	342	66	4	3	0.00	1.13	0
CO15040+	CO15039	2.01	4 1-	2ACSR	0	0	1971	341	34	2	1	0.00	1.13	0
CO14913+	CO14793	1.86	10 1-	2ACSR	0	0	2042	344	89	6	3	0.00	1.12	0
CO15033+	CO14913	1.89	10 1-	2ACSR	0	0	2029	343	89	6	3	0.00	1.12	0
CO15034+	CO15033	1.92	7 1-	2ACSR	0	0	2015	343	58	3	2	0.00	1.12	0
CO15035+	CO15034	1.95	3 1-	2ACSR	0	0	2001	342	28	1	1	0.00	1.12	0
CO15036+	CO15035	1.97	1 1-	2ACSR	0	0	1993	342	8	0	0	0.00	1.12	0
CO14820+	CO15025	1.39	3 1-	4ACSR	0	0	2242	347	33	2	2	0.00	0.84	0
CO15013+	CO14795	1.18	30 3-	4/0ACSR	2567	2524	2359	349	338	7	2	0.00	0.73	0
CO15014+	CO15013	1.21	29 3-	4/0ACSR	2555	2511	2343	349	335	7	2	0.00	0.73	0
CO14816+	CO15014	1.25	1 3-	4ACSR	2536	2488	2318	348	38	0	1	0.00	0.73	0
CO14815+	CO15014	1.25	2 3-	4ACSR	2536	2488	2318	348	8	0	0	0.00	0.73	0
CO14811+	CO15014	1.27	10 3-	2ACSR	2530	2483	2311	348	106	2	1	0.00	0.73	0
CO14856+	CO14811	1.31	1 3-	2ACSR	2510	2459	2284	348	5	0	0	0.00	0.73	0
CO15015+	CO14811	1.39	9 3-	4ACSR	2471	2412	2233	346	101	2	2	0.01	0.73	0
CO15016+	CO15015	1.47	8 3-	4ACSR	2428	2360	2178	344	92	2	1	0.00	0.74	0
CO15017+	CO15016	1.49	6 3-	4ACSR	2420	2350	2167	343	51	1	1	0.00	0.74	0
CO15018+	CO15017	1.53	5 3-	4ACSR	2399	2326	2142	343	39	0	1	0.00	0.74	0
CO15149+	CO15018	1.67	3 1-	4ACSR	0	0	2051	339	21	1	1	0.00	0.74	0
CO14828+	CO15149	1.74	2 1-	4ACSR	0	0	2014	338	6	0	0	0.00	0.74	0
CO14827+	CO15149	1.76	1 1-	4ACSR	0	0	2001	338	15	1	1	0.00	0.74	0
CO14902+	CO15018	1.55	2 1-	4ACSR	0	0	2125	342	18	1	1	0.00	0.74	0
CO14791+	CO15014	1.26	16 3-	4/0ACSR	2535	2489	2319	349	183	4	1	0.00	0.73	0
CO15124+	CO14791	1.27	0 1-	4ACSR	0	0	2315	349	0	0	0	0.00	0.73	0
CO14790+	CO14791	1.36	3 3-	4/0ACSR	2501	2451	2276	348	24	0	0	0.00	0.73	0
CO14817+	CO14790	1.41	1 3-	4ACSR	2479	2424	2245	347	3	0	0	0.00	0.73	0
CO14910+	CO14790	1.38	2 1-	4ACSR	0	0	2261	348	21	1	1	0.00	0.73	0
CO14909+	CO14910	1.44	2 1-	4ACSR	0	0	2224	346	21	1	1	0.00	0.73	0
CO15127+	CO14790	1.37	0 1-	4ACSR	0	0	2272	348	0	0	0	0.00	0.73	0
CO14789+	CO14791	1.35	9 1-	4ACSR	0	0	2262	347	81	5	4	0.01	0.74	0
CO15125+	CO14789	1.36	0 1-	4ACSR	0	0	2258	347	0	0	0	0.00	0.74	0
CO15019+	CO14789	1.39	8 1-	4ACSR	0	0	2235	346	80	5	4	0.00	0.74	0
CO15020+	CO15019	1.44	7 1-	4ACSR	0	0	2204	345	65	4	3	0.00	0.75	0
CO15021+	CO15020	1.47	5 1-	4ACSR	0	0	2186	344	47	3	2	0.00	0.75	0
CO15022+	CO15021	1.51	4 1-	4ACSR	0	0	2162	343	34	2	2	0.00	0.75	0
CO15023+	CO15022	1.58	3 1-	4ACSR	0	0	2117	342	23	1	1	0.00	0.75	0
CO14921+	CO15012	1.09	14 1-	4ACSR	0	0	2397	349	52	3	3	0.00	0.68	0
CO14920+	CO14921	1.13	9 1-	4ACSR	0	0	2370	348	22	1	1	0.00	0.68	0
CO80441881+	CO-6922792	0.53	1 3-	1/0PRIURD	2853	2838	2739	885	8	0	0	0.00	0.30	0
CO15511+	CO15507	0.01	600 3-	750 MCM - 42 Wi	3060	3096	3114	357	3894	87	8	0.00	0.01	3
Tilton+	CO15511	0.01	600 3-	VWVE	3060	3096	3114	357	3894	87	11	0.00	0.01	0
CO15321+	Tilton	0.03	600 3-	4/0ACSR	3053	3086	3103	357	3894	87	26	0.01	0.02	31
CO15319+	CO15321	0.24	600 3-	4/0ACSR	2947	2952	2941	356	3894	87	26	0.09	0.11	477
CO15318+	CO15319	0.32	599 3-	4/0ACSR	2912	2912	2888	355	3878	87	26	0.03	0.14	164
CO15320+	CO15318	0.53	598 3-	4/0ACSR	2816	2802	2746	354	3872	87	26	0.09	0.24	470

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15170+	CO15320	1.07	3 1-	4ACSR	0	0	2305	342	2	0	0	0.00	0.24	0
OC-1240567385+	CO15170	1.07	2 1-	20 N FUSE	0	0	2305	342	2	0	1	0.00	0.24	0
CO15420+	OC-1240567385	1.17	2 1-	4ACSR	0	0	2234	340	2	0	0	0.00	0.24	0
CO15214+	CO15420	1.21	1 1-	4ACSR	0	0	2200	339	0	0	0	0.00	0.24	0
CO15419+	CO15420	1.26	1 1-	4ACSR	0	0	2166	338	2	0	0	0.00	0.24	0
CO15213+	OC-1240567385	1.28	0 1-	4ACSR	0	0	2151	338	0	0	0	0.00	0.24	0
CO15323+	CO15320	0.70	594 3-	4/0ACSR	2744	2721	2644	353	3861	87	26	0.07	0.31	365
CO15322+	CO15323	0.88	592 3-	4/0ACSR	2669	2636	2539	352	3840	86	26	0.08	0.39	398
CO15324+	CO15322	0.96	592 3-	4/0ACSR	2636	2599	2495	351	3838	86	26	0.04	0.43	179
CO15424+	CO15324	1.02	3 1-	4ACSR	0	0	2456	350	11	0	1	0.00	0.43	0
OC-240401604+	CO15424	1.02	1 1-	20 N FUSE	0	0	2456	350	0	0	0	0.00	0.43	0
CO15423+	OC-240401604	1.05	1 1-	4ACSR	0	0	2430	349	0	0	0	0.00	0.43	0
CO15421+	CO15423	1.08	1 1-	4ACSR	0	0	2410	349	0	0	0	0.00	0.43	0
CO15422+	CO15421	1.16	1 1-	4ACSR	0	0	2351	347	0	0	0	0.00	0.43	0
CO15166+	CO15324	1.10	589 3-	4/0ACSR	2585	2542	2426	351	3827	86	25	0.06	0.48	287
CO15167+	CO15166	1.13	587 3-	4/0ACSR	2571	2526	2407	350	3820	86	25	0.02	0.50	82
CO15171+	CO15167	1.33	80 1-	4ACSR	0	0	2271	346	489	32	23	0.15	0.64	114
CO15216+	CO15171	1.37	2 1-	4ACSR	0	0	2244	345	5	0	0	0.00	0.64	0
CO15521+	CO15171	1.34	78 1-	4ACSR	0	0	2267	346	484	32	23	0.00	0.65	4
OC465+	CO15521	1.34	78 1-	70 E OCR	0	0	2267	346	484	32	47	0.00	0.65	0
CO15522+	OC465	1.38	78 1-	4ACSR	0	0	2237	345	484	32	23	0.03	0.68	24
CO1077718699+	CO15522	1.43	76 1-	2ACSR	0	0	2210	344	468	31	18	0.02	0.70	17
XFMR5	CO1077718699	1.43	76 1-	1000 KVA 1PH AU	0	0	1827	178	468	31	45	0.36	1.06	0
CO-454982702	XFMR5	1.55	76 1-	2ACSR	0	0	1742	177	468	63	35	0.24	1.30	175
CO15335	CO-454982702	2.13	75 1-	4ACSR	0	0	1358	170	460	62	44	1.53	2.83	1126
FD-73090961	CO15335	2.13	0 1-	_DefaultBayEqui	0	0	1358	170	0	0	0	0.00	2.83	0
CO-472889249	CO15335	2.23	73 1-	2ACSR	0	0	1311	170	431	58	33	0.18	3.01	123
CO15259	CO-472889249	2.31	2 1-	4ACSR	0	0	1268	169	11	1	1	0.00	3.01	0
CO15258	CO-472889249	2.37	70 1-	4ACSR	0	0	1237	168	419	57	41	0.35	3.36	240
CO15440	CO15258	2.41	3 1-	4ACSR	0	0	1215	168	23	3	2	0.01	3.36	0
CO15439	CO15440	2.43	2 1-	4ACSR	0	0	1205	168	20	2	2	0.00	3.37	0
CO316083228	CO15439	2.54	1 1-	2ACSR	0	0	1164	167	13	1	1	0.00	3.37	0
CO15337	CO15258	2.54	64 1-	4ACSR	0	0	1152	166	381	52	37	0.41	3.77	257
CO15336	CO15337	2.69	63 1-	4ACSR	0	0	1091	165	376	51	37	0.32	4.09	203
CO15172	CO15336	2.85	61 1-	4ACSR	0	0	1026	163	365	50	36	0.37	4.46	224
CO15444	CO15172	2.94	4 1-	4ACSR	0	0	993	162	58	7	6	0.03	4.49	2
CO15441	CO15444	2.98	3 1-	4ACSR	0	0	980	162	42	5	4	0.01	4.49	0
CO15443	CO15441	3.04	2 1-	4ACSR	0	0	959	161	36	4	4	0.01	4.51	0
CO15442	CO15443	3.10	2 1-	4ACSR	0	0	941	161	36	4	4	0.01	4.52	0
CO1489653070	CO15442	3.17	1 1-	2ACSR	0	0	923	160	23	3	2	0.00	4.52	0
CO15339	CO15172	2.94	55 1-	4ACSR	0	0	996	162	293	40	29	0.15	4.60	70
CO15338	CO15339	3.13	53 1-	4ACSR	0	0	931	161	281	38	28	0.34	4.94	158
CO15527	CO15338	3.28	52 1-	4ACSR	0	0	887	159	267	37	26	0.23	5.17	101
CO17082	CO15527	3.34	46 1-	4ACSR	0	0	868	159	243	33	24	0.10	5.27	41
CO17175	CO17082	3.67	41 1-	4ACSR	0	0	785	156	207	28	21	0.42	5.69	146
CO15209	CO17175	3.78	0 1-	4ACSR	0	0	762	155	0	0	0	0.00	5.69	0
CO15208	CO17175	3.70	1 1-	4ACSR	0	0	779	155	6	0	1	0.00	5.69	0
CO15525	CO17175	3.68	39 1-	4ACSR	0	0	784	156	200	27	20	0.01	5.70	3
OC460	CO15525	3.68	39 1-	50 H OCR	0	0	784	156	200	27	56	0.00	5.70	0
CO15526	OC460	3.75	39 1-	4ACSR	0	0	768	155	200	27	20	0.09	5.79	30
CO15207	CO15526	3.81	1 1-	4ACSR	0	0	755	154	0	0	0	0.00	5.79	0
CO15165	CO15526	3.84	38 1-	4ACSR	0	0	748	154	200	27	20	0.11	5.90	38

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15314	CO15165	3.95	37 1-	4ACSR	0	0	725	153	197	27	20	0.13	6.03	45
CO15316	CO15314	4.01	36 1-	4ACSR	0	0	714	153	196	27	20	0.07	6.10	24
CO15315	CO15316	4.16	36 1-	4ACSR	0	0	687	151	196	27	20	0.17	6.28	58
CO15309	CO15315	4.26	30 1-	4ACSR	0	0	669	150	167	23	17	0.11	6.38	30
CO15308	CO15309	4.48	30 1-	4ACSR	0	0	634	149	166	23	17	0.21	6.60	58
CO15204	CO15308	4.56	1 1-	4ACSR	0	0	621	148	3	0	0	0.00	6.60	0
CO15307	CO15308	4.50	27 1-	4ACSR	0	0	630	148	147	20	15	0.02	6.62	6
CO15306	CO15307	4.59	27 1-	4ACSR	0	0	618	148	146	20	15	0.08	6.69	19
CO15203	CO15306	4.65	0 1-	4ACSR	0	0	609	147	0	0	0	0.00	6.69	0
CO15300	CO15306	4.61	4 1-	4ACSR	0	0	613	148	14	2	1	0.00	6.70	0
CO15299	CO15300	4.63	3 1-	4ACSR	0	0	611	147	4	0	0	0.00	6.70	0
CO15297	CO15299	4.98	2 1-	4ACSR	0	0	565	145	0	0	0	0.00	6.70	0
CO15296	CO15297	5.10	1 1-	4ACSR	0	0	551	144	0	0	0	0.00	6.70	0
CO15298	CO15296	5.34	1 1-	4ACSR	0	0	524	142	0	0	0	0.00	6.70	0
CO15417	CO15298	5.48	1 1-	4ACSR	0	0	510	141	0	0	0	0.00	6.70	0
CO15416	CO15417	5.53	0 1-	4ACSR	0	0	504	140	0	0	0	0.00	6.70	0
CO15418	CO15416	5.58	0 1-	4ACSR	0	0	499	140	0	0	0	0.00	6.70	0
CO15201	CO15298	5.54	0 1-	4ACSR	0	0	503	140	0	0	0	0.00	6.70	0
CO15202	CO15299	4.68	1 1-	4ACSR	0	0	605	147	4	0	0	0.00	6.70	0
CO15305	CO15306	4.67	22 1-	4ACSR	0	0	606	147	131	18	13	0.06	6.76	14
CO15304	CO15305	4.75	21 1-	4ACSR	0	0	594	146	117	16	12	0.06	6.82	12
CO15415	CO15304	4.79	5 1-	4ACSR	0	0	589	146	44	6	4	0.01	6.83	0
CO15411	CO15415	4.82	4 1-	4ACSR	0	0	586	146	34	4	3	0.00	6.83	0
CO15410	CO15411	4.84	3 1-	4ACSR	0	0	582	146	22	3	2	0.00	6.84	0
CO15414	CO15410	4.89	3 1-	4ACSR	0	0	576	145	22	3	2	0.01	6.84	0
CO15412	CO15414	4.92	1 1-	4ACSR	0	0	572	145	11	1	1	0.00	6.84	0
CO15413	CO15412	4.96	0 1-	4ACSR	0	0	567	145	0	0	0	0.00	6.84	0
CO15164	CO15304	4.89	14 1-	4ACSR	0	0	576	145	68	9	7	0.06	6.88	7
CO15199	CO15164	4.94	1 1-	4ACSR	0	0	570	145	6	0	1	0.00	6.88	0
CO15301	CO15164	4.97	13 1-	4ACSR	0	0	566	145	61	8	6	0.03	6.91	3
CO15303	CO15301	5.08	12 1-	4ACSR	0	0	553	144	57	8	6	0.04	6.94	4
CO15302	CO15303	5.22	12 1-	4ACSR	0	0	536	143	57	8	6	0.05	7.00	5
CO17087	CO15302	5.36	7 1-	4ACSR	0	0	521	142	15	2	2	0.01	7.01	0
CO13325	CO17087	5.41	6 1-	4ACSR	0	0	516	141	14	2	1	0.00	7.01	0
CO13197	CO13325	5.47	2 1-	4ACSR	0	0	510	141	2	0	0	0.00	7.01	0
CO13326	CO13325	5.57	4 1-	4ACSR	0	0	500	140	13	1	1	0.01	7.02	0
CO13327	CO13326	5.68	3 1-	4ACSR	0	0	489	139	8	1	1	0.01	7.03	0
CO13328	CO13327	5.78	3 1-	4ACSR	0	0	481	139	8	1	1	0.00	7.03	0
OC1483949937	CO13328	5.78	3 1-	20 N FUSE	0	0	481	139	8	1	5	0.00	7.03	0
CO13196	OC1483949937	6.02	0 1-	4ACSR	0	0	460	137	0	0	0	0.00	7.03	0
CO13329	OC1483949937	6.23	3 1-	4ACSR	0	0	443	135	8	1	1	0.02	7.05	0
CO13330	CO13329	6.43	3 1-	4ACSR	0	0	429	134	8	1	1	0.01	7.06	0
CO13195	CO13330	6.48	1 1-	4ACSR	0	0	425	134	0	0	0	0.00	7.06	0
CO13331	CO13330	6.55	2 1-	4ACSR	0	0	420	133	8	1	1	0.01	7.07	0
CO13333	CO13331	6.61	2 1-	4ACSR	0	0	416	133	8	1	1	0.00	7.07	0
CO13334	CO13333	6.79	1 1-	4ACSR	0	0	404	132	3	0	0	0.00	7.08	0
CO13332	CO13334	7.04	1 1-	4ACSR	0	0	389	130	3	0	0	0.00	7.08	0
CO15198	CO15302	5.31	1 1-	4ACSR	0	0	527	142	2	0	0	0.00	7.00	0
CO15197	CO15302	5.28	4 1-	4ACSR	0	0	530	142	39	5	4	0.01	7.01	0
CO17085	CO15197	5.35	2 1-	2ACSR	0	0	524	142	25	3	2	0.01	7.01	0
CO1697811899	CO17085	5.43	1 1-	2ACSR	0	0	518	141	12	1	1	0.00	7.02	0
CO1087563765	CO1697811899	5.54	1 1-	2ACSR	0	0	509	141	12	1	1	0.00	7.02	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15211	CO15304	4.79	2 1-	4ACSR	0	0	589	146	5	0	1	0.00	6.82	0
CO15200	CO15304	4.90	0 1-	4ACSR	0	0	574	145	0	0	0	0.00	6.82	0
CO15313	CO15315	4.25	6 1-	4ACSR	0	0	670	151	29	4	3	0.01	6.29	0
CO15312	CO15313	4.55	4 1-	4ACSR	0	0	624	148	13	1	1	0.02	6.31	0
CO15205	CO15312	4.65	2 1-	4ACSR	0	0	609	147	5	0	1	0.00	6.31	0
CO15311	CO15312	4.96	1 1-	4ACSR	0	0	567	145	0	0	0	0.00	6.31	0
CO15310	CO15311	5.14	0 1-	4ACSR	0	0	546	143	0	0	0	0.00	6.31	0
CO15206	CO15165	3.92	1 1-	4ACSR	0	0	733	153	3	0	0	0.00	5.90	0
CO13162	CO17082	3.41	5 1-	4ACSR	0	0	851	158	36	4	4	0.01	5.28	0
CO-1338356102	CO13162	3.44	0 1-	2ACSR	0	0	844	158	0	0	0	0.00	5.28	0
OC-731092886	CO-1338356102	3.44	0 1-	20 N FUSE	0	0	844	158	0	0	0	120.72	126.00	0
CO13194	CO13162	3.47	3 1-	4ACSR	0	0	836	157	24	3	2	0.00	5.29	0
CO13224	CO13194	3.52	0 1-	2ACSR	0	0	824	157	0	0	0	0.00	5.29	0
CO17081	CO15527	3.34	2 1-	4ACSR	0	0	869	159	4	0	0	0.00	5.17	0
CO15212	CO15527	3.37	1 1-	4ACSR	0	0	862	158	3	0	0	0.00	5.17	0
CO15446	CO15338	3.22	1 1-	4ACSR	0	0	904	160	13	1	1	0.01	4.95	0
CO15445	CO15446	3.30	1 1-	4ACSR	0	0	881	159	13	1	1	0.00	4.95	0
CO15225	CO15172	2.93	2 1-	4ACSR	0	0	998	163	13	1	1	0.00	4.46	0
CO15223	CO15336	2.78	2 1-	4ACSR	0	0	1053	164	11	1	1	0.00	4.09	0
CO15222	CO-472889249	2.30	1 1-	4ACSR	0	0	1272	169	1	0	0	0.00	3.01	0
CO15334	CO15335	2.23	0 1-	4ACSR	0	0	1297	169	0	0	0	0.00	2.83	0
OC-73090961	CO15334	2.23	0 1-	20 N FUSE	0	0	1297	169	0	0	0	123.17	126.00	0
CO15221	CO-454982702	1.62	1 1-	4ACSR	0	0	1695	176	7	0	1	0.00	1.30	0
CO15168+	CO15167	1.32	507 3-	4/0ACSR	2501	2449	2316	349	3330	75	22	0.07	0.57	311
CO15519+	CO15168	1.33	46 1-	4ACSR	0	0	2312	349	286	19	14	0.00	0.57	0
AU34	CO15519	1.33	46 1-	333 KVA 1PH AUT	0	0	1077	177	286	19	83	0.46	1.03	0
CO15520	AU34	1.61	46 1-	4ACSR	0	0	1008	174	286	38	27	0.47	1.50	219
OC6D	CO15520	1.61	46 1-	35 L OCR	0	0	1008	174	285	38	110	0.00	1.50	0
CO15169	OC6D	1.75	43 1-	4ACSR	0	0	973	172	279	37	27	0.24	1.74	109
CO15217	CO15169	1.84	1 1-	4ACSR	0	0	952	171	0	0	0	0.00	1.74	0
CO15326	CO15169	1.86	42 1-	4ACSR	0	0	947	171	278	37	27	0.18	1.92	80
CO15502	CO15326	1.95	1 1-	2ACSR	0	0	929	170	4	0	0	0.00	1.92	0
CO15501	CO15502	2.00	1 1-	2ACSR	0	0	918	170	4	0	0	0.00	1.92	0
CO15325	CO15326	2.03	40 1-	4ACSR	0	0	908	169	272	36	26	0.28	2.19	123
CO17079	CO15325	2.12	18 1-	4ACSR	0	0	888	168	83	11	8	0.04	2.23	6
OC651046094	CO17079	2.12	18 1-	20 N FUSE	0	0	888	168	83	11	56	0.00	2.23	0
CO13223	OC651046094	2.17	2 1-	4ACSR	0	0	875	167	6	0	1	0.00	2.24	0
CO13180	OC651046094	2.17	16 1-	4ACSR	0	0	876	167	77	10	7	0.02	2.26	3
CO13222	CO13180	2.22	1 1-	4ACSR	0	0	865	167	1	0	0	0.00	2.26	0
CO13165	CO13180	2.23	14 1-	4ACSR	0	0	862	167	76	10	7	0.03	2.29	4
CO13309	CO13165	2.26	12 1-	4ACSR	0	0	856	166	58	7	6	0.01	2.30	0
CO13310	CO13309	2.26	12 1-	4ACSR	0	0	855	166	58	7	6	0.00	2.30	0
CO13311	CO13310	2.36	12 1-	4ACSR	0	0	834	165	58	7	6	0.03	2.33	3
CO13312	CO13311	2.46	12 1-	4ACSR	0	0	813	164	58	7	6	0.04	2.37	3
CO13204	CO13312	2.56	1 1-	4ACSR	0	0	793	163	6	0	1	0.00	2.37	0
CO13203	CO13312	2.57	2 1-	4ACSR	0	0	791	163	10	1	1	0.00	2.37	0
CO-1822350665	CO13203	2.63	0 1-	2ACSR	0	0	783	163	0	0	0	0.00	2.37	0
CO13166	CO13312	2.65	9 1-	4ACSR	0	0	777	163	42	5	4	0.05	2.41	3
CO13167	CO13166	2.74	7 1-	4ACSR	0	0	760	162	34	4	3	0.02	2.43	0
CO13318	CO13167	2.84	7 1-	4ACSR	0	0	741	161	34	4	3	0.02	2.45	0
CO13319	CO13318	2.98	6 1-	4ACSR	0	0	717	159	29	3	3	0.02	2.47	0
OC2144509981	CO13319	2.98	5 1-	20 N FUSE	0	0	717	159	21	2	14	0.00	2.47	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13322	OC2144509981	3.07	4 1-	4ACSR	0	0	702	158	20	2	2	0.01	2.48	0
CO13323	CO13322	3.17	2 1-	4ACSR	0	0	687	157	11	1	1	0.01	2.49	0
CO13324	CO13323	3.21	1 1-	4ACSR	0	0	679	157	8	1	1	0.00	2.49	0
CO13320	OC2144509981	3.12	1 1-	4ACSR	0	0	694	158	1	0	0	0.00	2.47	0
CO13205	CO13320	3.21	1 1-	4ACSR	0	0	680	157	1	0	0	0.00	2.47	0
CO13321	CO13320	3.23	0 1-	4ACSR	0	0	676	157	0	0	0	0.00	2.47	0
CO13313	CO13167	2.80	0 1-	4ACSR	0	0	748	161	0	0	0	0.00	2.43	0
CO13314	CO13313	2.84	0 1-	4ACSR	0	0	742	161	0	0	0	0.00	2.43	0
CO13315	CO13166	2.73	2 1-	4ACSR	0	0	761	162	8	1	1	0.00	2.42	0
CO13316	CO13315	2.78	2 1-	4ACSR	0	0	752	161	8	1	1	0.00	2.42	0
CO13317	CO13316	2.83	1 1-	4ACSR	0	0	744	161	2	0	0	0.00	2.42	0
CO13202	CO13165	2.28	1 1-	4ACSR	0	0	851	166	4	0	0	0.00	2.29	0
CO13201	CO13165	2.25	0 1-	4ACSR	0	0	858	167	0	0	0	0.00	2.29	0
CO13200	CO13165	2.29	1 1-	4ACSR	0	0	850	166	14	1	1	0.00	2.29	0
CO15333	CO15325	2.06	22 1-	4ACSR	0	0	900	169	189	25	18	0.04	2.23	11
OC-1185042599	CO15333	2.06	21 1-	20 N FUSE	0	0	900	169	188	25	128	0.00	2.23	0
CO15332	OC-1185042599	2.12	21 1-	4ACSR	0	0	887	168	188	25	18	0.06	2.29	19
CO15330	CO15332	2.20	20 1-	4ACSR	0	0	869	167	175	23	17	0.08	2.37	24
CO15331	CO15330	2.29	19 1-	4ACSR	0	0	850	166	166	22	16	0.09	2.46	25
CO15184	CO15331	2.34	17 1-	4ACSR	0	0	840	166	151	20	15	0.04	2.51	11
CO15185	CO15184	2.39	15 1-	4ACSR	0	0	828	165	131	17	13	0.04	2.55	9
CO15428	CO15185	2.43	14 1-	4ACSR	0	0	820	165	113	15	11	0.03	2.57	5
CO15220	CO15428	2.46	2 1-	4ACSR	0	0	814	164	0	0	0	0.00	2.57	0
CO15438	CO15428	2.49	11 1-	4ACSR	0	0	808	164	104	14	10	0.04	2.61	6
CO15246	CO15438	2.53	1 1-	2ACSR	0	0	802	164	14	1	1	0.00	2.61	0
CO15437	CO15438	2.51	9 1-	4ACSR	0	0	804	164	90	12	9	0.01	2.62	0
CO15429	CO15437	2.56	7 1-	4ACSR	0	0	793	163	69	9	7	0.02	2.64	3
CO15430	CO15429	2.62	6 1-	4ACSR	0	0	782	163	61	8	6	0.02	2.66	0
CO15251	CO15430	2.68	1 1-	2ACSR	0	0	773	162	6	0	0	0.00	2.66	0
CO15262	CO15251	2.76	1 1-	1/0PRIURD	0	0	763	351	6	0	1	0.00	2.66	0
CO15431	CO15430	2.68	4 1-	4ACSR	0	0	771	162	46	6	5	0.02	2.68	0
CO15436	CO15431	2.69	4 1-	4ACSR	0	0	769	162	46	6	5	0.00	2.68	0
CO15433	CO15436	2.75	4 1-	4ACSR	0	0	758	161	46	6	5	0.01	2.70	0
CO15432	CO15433	2.76	3 1-	4ACSR	0	0	755	161	38	5	4	0.00	2.70	0
CO15435	CO15432	2.80	3 1-	4ACSR	0	0	748	161	38	5	4	0.01	2.71	0
CO15252	CO15435	3.01	1 1-	2ACSR	0	0	719	160	10	1	1	0.00	2.71	0
CO15434	CO15435	2.86	1 1-	4ACSR	0	0	739	160	12	1	1	0.00	2.71	0
CO15254	CO15429	2.61	1 1-	2ACSR	0	0	785	163	9	1	1	0.00	2.64	0
CO15427	CO15428	2.46	1 1-	4ACSR	0	0	813	164	9	1	1	0.00	2.58	0
CO15487	CO15185	2.44	1 1-	4ACSR	0	0	818	165	18	2	2	0.01	2.55	0
CO15486	CO15487	2.47	1 1-	4ACSR	0	0	811	164	18	2	2	0.00	2.56	0
CO15219	CO15184	2.38	2 1-	4ACSR	0	0	830	165	19	2	2	0.00	2.51	0
CO15218	CO15331	2.33	2 1-	4ACSR	0	0	840	166	15	2	1	0.00	2.46	0
CO15250	CO15332	2.16	1 1-	2ACSR	0	0	880	168	13	1	1	0.00	2.29	0
CO15426	OCD6	1.67	3 1-	4ACSR	0	0	994	173	6	0	1	0.00	1.50	0
CO15425	CO15426	1.74	2 1-	4ACSR	0	0	975	172	5	0	0	0.00	1.51	0
CO15328+	CO15168	1.45	461 3-	4/0ACSR	2456	2399	2257	348	3043	69	20	0.05	0.62	180
CO15327+	CO15328	1.95	460 3-	4/0ACSR	2296	2224	2058	345	3041	69	20	0.17	0.79	679
XFMR4	CO15327	1.95	460 3-	3000 KVA 3PH AU	1389	1377	1343	177	3038	69	100	1.63	2.42	0
CO15396	XFMR4	2.13	460 3-	4/0ACSR	1350	1334	1288	177	3038	138	41	0.24	2.67	1027
CO15395	CO15396	2.18	459 3-	4/0ACSR	1340	1323	1275	176	3031	138	41	0.06	2.73	257
CO15523	CO15395	2.19	82 3-	1/0ACSR	1339	1322	1273	176	586	26	12	0.00	2.73	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15524	CO15523	2.29	82 3-	1/0ACSR	1316	1296	1241	176	586	26	12	0.05	2.77	42
CO15394	CO15524	2.66	81 3-	1/0ACSR	1237	1209	1137	174	578	26	11	0.16	2.93	147
OC462	CO15394	2.66	79 3-	70 L OCR	1237	1209	1137	174	576	26	37	0.00	2.93	0
CO-189235125	OC462	2.76	79 3-	2ACSR	1215	1184	1109	173	576	26	15	0.07	3.00	62
CO1774778305	CO-189235125	2.85	78 3-	2ACSR	1197	1164	1085	172	576	26	15	0.06	3.06	53
CO15340	CO1774778305	2.86	77 3-	1/0ACSR	1194	1160	1081	172	575	26	11	0.01	3.06	6
CO17179	CO15340	3.03	76 3-	1/0ACSR	1161	1124	1041	171	557	25	11	0.07	3.13	64
CO14800	CO17179	3.29	71 3-	1/0ACSR	1115	1074	986	170	528	24	10	0.10	3.23	83
CO14799	CO14800	3.36	71 3-	1/0ACSR	1102	1060	971	170	527	24	10	0.03	3.26	25
CO15146	CO14799	3.44	37 1-	6ACWC	0	0	950	169	301	41	29	0.14	3.41	72
OC440	CO15146	3.44	37 1-	50 H OCR	0	0	950	169	300	41	82	0.00	3.41	0
CO15147	OC440	3.46	37 1-	6ACWC	0	0	946	169	300	41	29	0.03	3.43	12
CO14824	CO15147	3.49	1 1-	4ACSR	0	0	938	168	13	1	1	0.00	3.43	0
CO15108	CO15147	3.47	35 1-	6ACWC	0	0	942	169	272	37	27	0.03	3.46	12
CO15109	CO15108	3.49	34 1-	6ACWC	0	0	937	168	263	35	26	0.03	3.49	13
CO535841002	CO15109	3.54	34 1-	2ACSR	0	0	927	168	263	35	20	0.05	3.54	22
CO-1098967095	CO535841002	3.63	1 1-	2ACSR	0	0	908	167	6	0	0	0.00	3.54	0
CO1974975055	CO535841002	3.56	32 1-	2ACSR	0	0	922	168	256	35	19	0.02	3.56	9
CO15111	CO1974975055	3.72	31 1-	6ACWC	0	0	885	166	245	33	24	0.23	3.79	93
CO14823	CO15111	3.75	1 1-	4ACSR	0	0	878	166	11	1	1	0.00	3.79	0
CO15112	CO15111	3.76	30 1-	6ACWC	0	0	874	166	233	32	23	0.06	3.85	22
CO15113	CO15112	3.78	25 1-	6ACWC	0	0	871	166	194	26	19	0.01	3.86	5
CO14798	CO15113	3.86	20 1-	6ACWC	0	0	852	165	150	20	15	0.08	3.94	19
CO14927	CO14798	3.90	3 1-	4ACSR	0	0	843	164	8	1	1	0.00	3.94	0
CO14926	CO14927	3.94	1 1-	4ACSR	0	0	835	164	4	0	0	0.00	3.94	0
CO14797	CO14798	4.04	17 1-	6ACWC	0	0	815	163	142	19	14	0.15	4.09	34
CO14796	CO14797	4.09	10 1-	6ACWC	0	0	804	163	69	9	7	0.02	4.11	2
CO15116	CO14796	4.27	2 1-	6ACWC	0	0	768	161	4	0	0	0.00	4.11	0
CO17255	CO15116	4.61	1 1-	6ACWC	0	0	707	158	0	0	0	0.00	4.11	0
CO13057	CO17255	4.67	0 1-	6ACWC	0	0	696	157	0	0	0	0.00	4.11	0
SW-912465948-B	CO13057	4.67	0 1-	Closed	0	0	696	157	0	0	0	0.00	4.11	0
SW-912465948-A	SW-912465948-B	4.67	0 1-	Closed	0	0	696	157	0	0	0	0.00	4.11	0
CO13058	SW-912465948-A	4.74	0 1-	6ACWC	0	0	684	156	0	0	0	0.00	4.11	0
CO14938	CO14796	4.16	6 1-	4ACSR	0	0	789	162	45	6	4	0.02	4.12	0
CO14937	CO14938	4.19	4 1-	4ACSR	0	0	782	162	25	3	2	0.00	4.13	0
CO14994	CO14937	4.23	1 1-	2ACSR	0	0	776	161	10	1	1	0.00	4.13	0
CO14993	CO14994	4.33	1 1-	2ACSR	0	0	761	161	10	1	1	0.00	4.13	0
CO14821	CO14796	4.15	1 1-	4ACSR	0	0	792	162	15	2	1	0.00	4.11	0
CO14925	CO14797	4.09	7 1-	4ACSR	0	0	804	163	73	10	7	0.02	4.11	3
CO14924	CO14925	4.12	2 1-	4ACSR	0	0	797	162	8	1	1	0.00	4.11	0
CO14923	CO14925	4.14	5 1-	4ACSR	0	0	792	162	65	8	6	0.02	4.13	0
CO14922	CO14923	4.16	3 1-	4ACSR	0	0	789	162	37	5	4	0.00	4.13	0
CO15114	CO14922	4.17	2 1-	4ACSR	0	0	787	162	25	3	2	0.00	4.13	0
CO15115	CO15114	4.19	1 1-	4ACSR	0	0	783	162	11	1	1	0.00	4.13	0
CO14832	CO14922	4.25	1 1-	1/0PRIURD	0	0	779	349	12	1	1	0.00	4.13	0
CO14822	CO15113	3.83	3 1-	4ACSR	0	0	859	165	24	3	2	0.00	3.87	0
CO218770412	CO535841002	3.63	1 1-	2ACSR	0	0	908	167	0	0	0	0.00	3.54	0
CO15144	CO14799	3.40	32 1-	4ACSR	0	0	961	169	215	29	21	0.05	3.31	16
OC439	CO15144	3.40	32 1-	20 N FUSE	0	0	961	169	215	29	147	0.00	3.31	0
CO15145	OC439	3.59	32 1-	4ACSR	0	0	914	167	215	29	21	0.23	3.54	81
CO15098	CO15145	3.66	29 1-	4ACSR	0	0	895	167	196	26	19	0.09	3.63	30
CO14792	CO15098	3.76	5 1-	4ACSR	0	0	872	166	29	3	3	0.02	3.65	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14912	CO14792	3.83	4 1-	4ACSR	0	0	856	165	18	2	2	0.01	3.66	0
CO15106	CO14912	3.87	3 1-	4ACSR	0	0	847	164	16	2	2	0.00	3.66	0
CO15107	CO15106	3.92	2 1-	4ACSR	0	0	836	164	12	1	1	0.00	3.67	0
CO14911	CO15107	4.02	2 1-	4ACSR	0	0	815	163	12	1	1	0.00	3.67	0
CO14818	CO14912	3.90	1 1-	4ACSR	0	0	840	164	2	0	0	0.00	3.66	0
CO14819	CO14792	3.88	1 1-	4ACSR	0	0	844	164	11	1	1	0.00	3.65	0
CO14826	CO15098	3.74	10 1-	4ACSR	0	0	878	166	71	9	7	0.03	3.66	3
CO15104	CO14826	3.86	3 1-	4ACSR	0	0	849	165	22	3	2	0.01	3.67	0
CO15105	CO15104	3.91	2 1-	4ACSR	0	0	837	164	17	2	2	0.00	3.68	0
CO14825	CO14826	3.86	3 1-	4ACSR	0	0	848	165	25	3	2	0.02	3.67	0
CO-1060613769	CO14825	3.92	1 1-	2ACSR	0	0	839	164	14	1	1	0.00	3.68	0
CO15099	CO15098	3.70	13 1-	4ACSR	0	0	887	166	89	12	9	0.02	3.65	2
CO15100	CO15099	3.84	11 1-	4ACSR	0	0	854	165	69	9	7	0.05	3.70	4
CO15101	CO15100	3.87	6 1-	4ACSR	0	0	846	164	38	5	4	0.01	3.70	0
CO15102	CO15101	3.92	4 1-	4ACSR	0	0	836	164	26	3	3	0.00	3.71	0
CO15103	CO15102	4.00	1 1-	4ACSR	0	0	819	163	7	0	1	0.00	3.71	0
CO14831	CO14799	3.48	1 1-	4ACSR	0	0	941	169	7	0	1	0.00	3.27	0
CO15148	CO14800	3.29	0 1-	4ACSR	0	0	985	170	0	0	0	0.00	3.23	0
OC438	CO15148	3.29	0 1-	10 N FUSE	0	0	985	170	0	0	0	0.00	3.23	0
CO15142	CO17179	3.04	5 1-	4ACSR	0	0	1039	171	29	4	3	0.00	3.14	0
OC437	CO15142	3.04	5 1-	10 N FUSE	0	0	1039	171	29	4	40	0.00	3.14	0
CO15143	OC437	3.16	5 1-	4ACSR	0	0	1006	170	29	4	3	0.02	3.16	0
CO14868	CO15143	3.25	5 1-	4ACSR	0	0	981	169	29	4	3	0.01	3.17	0
CO15008	CO14868	3.29	1 1-	2ACSR	0	0	970	169	14	1	1	0.00	3.17	0
CO15007	CO15008	3.32	1 1-	2ACSR	0	0	964	169	14	1	1	0.00	3.17	0
CO17177	CO14868	3.36	2 1-	4ACSR	0	0	950	168	3	0	0	0.00	3.17	0
CO15448	CO17177	3.53	2 1-	4ACSR	0	0	906	166	3	0	0	0.00	3.17	0
CO15447	CO15448	3.56	1 1-	4ACSR	0	0	898	166	0	0	0	0.00	3.17	0
CO15228	CO1774778305	2.98	1 1-	4ACSR	0	0	1045	171	0	0	0	0.00	3.06	0
OC-902343640	CO15228	2.98	0 1-	20 N FUSE	0	0	1045	171	0	0	0	0.00	3.06	0
CO687393278	CO-189235125	2.85	1 1-	2ACSR	0	0	1084	172	0	0	0	0.00	3.00	0
CO-871521664	CO687393278	3.04	1 1-	2ACSR	0	0	1035	171	0	0	0	0.00	3.00	0
CO15227	CO15394	2.80	2 2-	4ACSR	0	1167	1091	172	1	0	0	0.00	2.93	0
OC1247814603	CO15227	2.80	0 2-	20 N FUSE	0	1167	1091	172	0	0	0	0.00	2.93	0
CO15174	CO15395	2.24	376 3-	4ACSR	1326	1307	1255	176	2439	111	80	0.24	2.97	1006
CO17080	CO15174	2.53	376 3-	4ACSR	1248	1215	1148	172	2434	111	80	1.28	4.25	5283
CO13168	CO17080	2.62	371 3-	4ACSR	1223	1185	1115	171	2377	109	79	0.40	4.65	1622
CO13169	CO13168	2.67	370 3-	4ACSR	1210	1171	1100	171	2364	109	78	0.20	4.85	792
CO13346	CO13169	2.68	3 3-	2ACSR	1209	1169	1098	171	71	3	2	0.00	4.85	0
OC961	CO13346	2.68	3 3-	10 N FUSE	1209	1169	1098	171	71	3	33	0.00	4.85	0
CO13347	OC961	2.73	3 3-	2ACSR	1196	1155	1082	171	71	3	2	0.00	4.85	0
CO13227	CO13347	2.82	2 3-	2ACSR	1176	1133	1058	170	54	2	1	0.01	4.86	0
CO17086	CO13227	3.05	0 1-	4ACSR	0	0	986	167	0	0	0	0.00	4.86	0
CO13108	CO17086	3.14	0 1-	4ACSR	0	0	958	166	0	0	0	0.00	4.86	0
CO13226	CO13227	2.89	2 3-	2ACSR	1159	1113	1037	169	54	2	1	0.00	4.86	0
320206014	CO13226	2.89	1 3-	Consumer	1159	1113	1037	169	54	2	0	0.00	4.86	0
CO13230	CO13169	2.84	367 3-	4ACSR	1163	1117	1043	169	2290	106	76	0.71	5.56	2802
CA-2141485813	CO13230	2.84	0 3-	Capacitor	1163	1117	1043	169	0	0	0	0.00	5.56	0
CO13231	CO13230	2.94	367 3-	4ACSR	1137	1087	1012	168	2277	106	76	0.41	5.97	1598
CO13348	CO13231	2.94	0 3-	4ACSR	1135	1086	1011	168	0	0	0	0.00	5.97	0
CO13233	CO13231	3.02	367 3-	4ACSR	1113	1061	986	167	2269	106	76	0.36	6.32	1416
CO13232	CO13233	3.10	367 3-	4/0ACSR	1102	1048	970	167	2263	106	31	0.08	6.40	251

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13236	CO13232	3.58	366 3-	4/0ACSR	1035	976	883	165	2255	106	31	0.47	6.88	1539
CO13239	CO13236	3.63	2 1-	4ACSR	0	0	871	165	21	2	2	0.00	6.88	0
OC-496284717	CO13239	3.63	1 1-	20 N FUSE	0	0	871	165	3	0	2	0.00	6.88	0
CO13238	OC-496284717	3.67	1 1-	4ACSR	0	0	860	164	3	0	0	0.00	6.88	0
CO13237	CO13236	3.63	364 3-	4/0ACSR	1029	969	875	165	2227	105	31	0.05	6.92	158
CO13344	CO13237	3.63	364 3-	4/0ACSR	1028	969	874	165	2227	105	31	0.01	6.93	21
OC379	CO13344	3.63	364 3-	100 L OCR	1028	969	874	165	2226	105	105	0.00	6.93	0
CO13345	OC379	3.81	364 3-	4/0ACSR	1006	945	846	165	2226	105	31	0.17	7.10	555
CO13170	CO13345	4.14	357 3-	4ACSR	934	882	777	161	2188	103	74	1.33	8.43	5106
CO13171	CO13170	4.23	355 3-	4ACSR	914	865	759	160	2158	103	74	0.38	8.82	1469
CO13247	CO13171	4.47	4 1-	4ACSR	0	0	716	158	11	1	1	0.02	8.84	0
OC-1121608851	CO13247	4.47	3 1-	20 N FUSE	0	0	716	158	11	1	8	0.00	8.84	0
CO13248	OC-1121608851	4.52	3 1-	4ACSR	0	0	707	158	11	1	1	0.00	8.84	0
CO13249	CO13248	4.65	3 1-	4ACSR	0	0	684	156	11	1	1	0.01	8.85	0
CO13210	CO13249	4.77	1 1-	4ACSR	0	0	666	155	9	1	1	0.00	8.85	0
CO13209	CO13249	4.79	2 1-	4ACSR	0	0	664	155	3	0	0	0.00	8.85	0
CO13172	CO13171	4.70	351 3-	4ACSR	825	785	677	156	2140	102	73	1.88	10.70	7151
CO13349	CO13172	4.77	325 3-	4ACSR	813	775	667	155	1966	95	68	0.24	10.94	865
CO13253	CO13349	4.84	325 3-	4ACSR	801	764	656	155	1962	95	68	0.27	11.21	953
CO13250	CO13253	4.93	325 3-	4/0ACSR	794	756	648	154	1958	95	28	0.08	11.29	242
CO13251	CO13250	5.05	325 3-	4/0ACSR	784	747	637	154	1957	95	28	0.11	11.40	313
CO13252	CO13251	5.11	325 3-	4/0ACSR	779	742	632	154	1955	95	28	0.06	11.45	174
CO13221	CO13252	5.20	1 1-	4ACSR	0	0	620	153	2	0	0	0.00	11.46	0
OC-720310827	CO13221	5.20	0 1-	20 N FUSE	0	0	620	153	0	0	0	0.00	11.46	0
CO13220	CO13220	5.27	1 1-	4ACSR	0	0	611	152	16	2	2	0.01	11.46	0
OC401730592	CO13220	5.27	0 1-	20 N FUSE	0	0	611	152	0	0	0	0.00	11.46	0
CO17078	CO13252	5.25	322 3-	4/0ACSR	769	731	620	153	1933	94	28	0.12	11.57	353
REG176	CO17078	5.25	322 3-	200	769	731	620	153	1931	94	47	-11.44	0.13	0
OH175	REG176	5.41	322 3-	4/0ACSR	758	719	607	153	1931	86	25	0.13	0.26	342
CO12700	OH175	5.54	313 3-	4/0ACSR	749	710	597	152	1868	83	25	0.10	0.36	255
CO12812	CO12700	5.66	312 3-	4/0ACSR	741	702	588	152	1859	83	24	0.09	0.45	235
CO12814	CO12812	5.69	311 3-	4/0ACSR	738	700	586	152	1856	83	24	0.03	0.47	69
CO12813	CO12814	5.72	308 3-	4/0ACSR	736	698	584	152	1841	82	24	0.02	0.50	60
CO12811	CO12813	5.80	306 3-	4/0ACSR	731	692	578	152	1827	81	24	0.06	0.56	155
CO12900	CO12811	5.86	3 1-	4ACSR	0	0	571	151	18	2	2	0.01	0.56	0
CO12902	CO12900	5.88	1 1-	4ACSR	0	0	569	151	14	1	1	0.00	0.57	0
CO12901	CO12902	5.93	1 1-	4ACSR	0	0	564	151	14	1	1	0.00	0.57	0
CO12803	CO12811	5.85	298 3-	4/0ACSR	728	689	574	151	1785	79	24	0.03	0.59	83
CO12802	CO12803	5.87	294 3-	4/0ACSR	726	688	573	151	1756	78	23	0.02	0.61	39
CO-285858254	CO12802	5.91	288 3-	1/0ACSR	723	685	570	151	1716	76	33	0.04	0.65	117
CO2006661083	CO-285858254	5.98	288 3-	1/0ACSR	717	679	565	151	1716	76	33	0.10	0.75	257
CO12866	CO2006661083	6.07	288 3-	1/0ACSR	709	671	558	151	1715	76	33	0.12	0.87	312
CO12865	CO12866	6.10	288 3-	1/0ACSR	707	669	556	150	1713	76	33	0.03	0.90	81
CO12747	CO12865	6.22	2 1-	4ACSR	0	0	543	149	12	1	1	0.00	0.90	0
OC21552927	CO12747	6.22	0 1-	20 N FUSE	0	0	543	149	0	0	0	0.00	0.90	0
CO12805	CO12865	6.13	286 3-	1/0ACSR	704	667	553	150	1701	76	33	0.05	0.95	122
CO12804	CO12805	6.18	286 3-	1/0ACSR	700	663	550	150	1700	76	33	0.06	1.00	154
CO12904	CO12804	6.28	3 1-	4ACSR	0	0	540	149	12	1	1	0.01	1.01	0
OC445549200	CO12904	6.28	2 1-	20 N FUSE	0	0	540	149	9	1	6	0.00	1.01	0
CO-637795944	OC445549200	6.41	1 1-	2ACSR	0	0	530	149	9	1	1	0.00	1.01	0
CO12903	OC445549200	6.31	1 1-	4ACSR	0	0	537	149	0	0	0	0.00	1.01	0
CO12806	CO12804	6.24	283 3-	1/0ACSR	695	658	546	150	1687	75	33	0.08	1.08	204

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12808	CO12806	6.34	281 3-	1/0ACSR	687	651	539	149	1675	75	33	0.12	1.20	314
CO12807	CO12808	6.60	281 3-	1/0ACSR	667	632	522	148	1674	75	33	0.33	1.53	846
CO12701	CO12807	6.84	276 3-	1/0ACSR	650	616	507	147	1642	74	32	0.30	1.83	755
CO12702	CO12701	6.97	270 3-	1/0ACSR	641	607	499	147	1591	71	31	0.16	1.99	400
CO12921	CO12702	6.98	100 1-	4ACSR	0	0	499	147	553	75	54	0.02	2.01	20
OC362	CO12921	6.98	100 1-	50 H OCR	0	0	499	147	553	75	150	0.00	2.01	0
CO12922	OC362	7.05	100 1-	4ACSR	0	0	493	146	553	75	54	0.24	2.24	213
CO12733	CO12922	7.13	1 1-	4ACSR	0	0	486	145	3	0	0	0.00	2.25	0
CO12817	CO12922	7.10	99 1-	4ACSR	0	0	488	146	549	74	53	0.16	2.41	147
CO12816	CO12817	7.15	99 1-	4ACSR	0	0	484	145	548	74	53	0.17	2.57	148
CO12815	CO12816	7.24	99 1-	4ACSR	0	0	477	145	548	74	53	0.30	2.87	269
CO12857	CO12815	7.32	1 1-	2ACSR	0	0	472	144	7	0	1	0.00	2.88	0
OC1905736324	CO12857	7.32	1 1-	20 N FUSE	0	0	472	144	7	0	5	0.00	2.88	0
CO12856	OC1905736324	7.40	1 1-	2ACSR	0	0	466	144	7	0	1	0.00	2.88	0
CO12745	CO12856	7.47	0 1-	2ACSR	0	0	462	143	0	0	0	0.00	2.88	0
CO12858	CO12856	7.46	1 1-	2ACSR	0	0	463	143	7	0	1	0.00	2.88	0
CO12862	CO12858	7.53	1 1-	2ACSR	0	0	459	143	7	0	1	0.00	2.88	0
CO12859	CO12862	7.60	1 1-	2ACSR	0	0	455	143	7	0	1	0.00	2.89	0
CO12861	CO12859	7.69	1 1-	2ACSR	0	0	449	142	7	0	1	0.00	2.89	0
CO12860	CO12861	7.79	1 1-	2ACSR	0	0	444	142	7	0	1	0.00	2.89	0
CO12855	CO12815	7.37	95 1-	4ACSR	0	0	466	144	525	71	51	0.42	3.29	362
CO12854	CO12855	7.41	95 1-	4ACSR	0	0	463	143	523	71	51	0.13	3.42	110
CO12910	CO12854	7.48	2 1-	4ACSR	0	0	458	143	10	1	1	0.00	3.42	0
CO12909	CO12910	7.51	2 1-	4ACSR	0	0	456	142	10	1	1	0.00	3.43	0
CO12738	CO12909	7.60	1 1-	4ACSR	0	0	449	142	10	1	1	0.00	3.43	0
CO12863	CO12854	7.44	93 1-	4ACSR	0	0	461	143	513	70	50	0.09	3.51	78
CO17149	CO12863	7.89	93 1-	4ACSR	0	0	429	140	513	70	50	1.40	4.91	1186
CO12488	CO17149	7.95	93 1-	4ACSR	0	0	425	139	507	70	50	0.20	5.11	174
CO12386	CO12488	8.02	92 1-	4ACSR	0	0	420	139	503	70	50	0.21	5.33	180
CO12487	CO12386	8.03	91 1-	4ACSR	0	0	419	138	495	69	49	0.03	5.36	26
CO12486	CO12487	8.08	91 1-	4ACSR	0	0	417	138	495	69	49	0.13	5.49	107
CO12384	CO12486	8.14	91 1-	4ACSR	0	0	413	138	495	69	49	0.19	5.68	161
CO12385	CO12384	8.28	89 1-	4ACSR	0	0	404	137	480	67	48	0.41	6.09	331
CO12383	CO12385	8.33	86 1-	4ACSR	0	0	401	136	468	65	47	0.15	6.24	116
CO12485	CO12383	8.40	85 1-	4ACSR	0	0	397	136	453	63	46	0.20	6.44	155
CO12484	CO12485	8.51	84 1-	4ACSR	0	0	391	135	453	63	46	0.29	6.73	222
OC1894279417	CO12484	8.51	84 1-	20 N FUSE	0	0	391	135	452	63	319	0.00	6.73	0
CO12455	OC1894279417	8.55	1 1-	4ACSR	0	0	388	135	1	0	0	0.00	6.73	0
CO12454	CO12455	8.68	1 1-	4ACSR	0	0	381	134	1	0	0	0.00	6.73	0
CO12324	OC1894279417	8.60	83 1-	4ACSR	0	0	386	134	451	63	45	0.25	6.98	193
CO12326	CO12324	8.73	73 1-	4ACSR	0	0	379	134	395	55	40	0.33	7.31	221
CO12481	CO12326	8.81	3 1-	4ACSR	0	0	375	133	11	1	1	0.00	7.32	0
CO12482	CO12481	8.89	1 1-	4ACSR	0	0	370	132	8	1	1	0.00	7.32	0
CO12365	CO12482	8.93	1 1-	2ACSR	0	0	369	132	8	1	1	0.00	7.32	0
CO12483	CO12482	8.92	0 1-	4ACSR	0	0	369	132	0	0	0	0.00	7.32	0
CO12381	CO12483	8.97	0 1-	4ACSR	0	0	366	132	0	0	0	0.00	7.32	0
CO12423	CO12326	8.81	70 1-	4ACSR	0	0	374	133	383	54	39	0.20	7.51	132
CO12422	CO12423	8.87	70 1-	4ACSR	0	0	371	133	382	54	39	0.15	7.66	97
CO12437	CO12422	9.01	69 1-	4ACSR	0	0	364	132	372	52	38	0.32	7.98	204
CO12438	CO12437	9.13	68 1-	4ACSR	0	0	358	131	371	52	38	0.27	8.26	175
CO12436	CO12438	9.23	68 1-	4ACSR	0	0	354	130	371	52	38	0.24	8.50	152
CO12328	CO12436	9.36	3 1-	4ACSR	0	0	348	129	16	2	2	0.01	8.51	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12329	CO12328	9.41	2 1-	4ACSR	0	0	345	129	14	1	1	0.00	8.51	0
CO12425	CO12329	9.53	0 1-	4ACSR	0	0	340	128	0	0	0	0.00	8.51	0
CO12424	CO12425	10.01	0 1-	4ACSR	0	0	320	125	0	0	0	0.00	8.51	0
CO12355	CO12329	9.46	2 1-	4ACSR	0	0	343	129	14	1	1	0.00	8.51	0
CO12354	CO12328	9.46	1 1-	4ACSR	0	0	343	129	2	0	0	0.00	8.51	0
CO12506	CO12436	9.33	1 1-	4ACSR	0	0	349	130	0	0	0	0.00	8.50	0
CO12507	CO12506	9.56	0 1-	4ACSR	0	0	339	128	0	0	0	0.00	8.50	0
CO12466	CO12436	9.46	63 1-	4ACSR	0	0	343	129	340	48	35	0.50	9.00	294
CO12465	CO12466	9.53	63 1-	4ACSR	0	0	340	128	339	48	35	0.13	9.13	77
CO12441	CO12465	9.57	61 1-	4ACSR	0	0	338	128	338	48	35	0.11	9.23	62
CO12439	CO12441	9.61	61 1-	4ACSR	0	0	336	128	338	48	35	0.08	9.32	50
CO12440	CO12439	9.67	61 1-	4ACSR	0	0	334	127	337	48	35	0.12	9.44	71
CO12356	CO12440	9.80	1 1-	4ACSR	0	0	329	127	4	0	0	0.00	9.44	0
CO12327	CO12440	9.82	60 1-	4ACSR	0	0	328	126	333	48	34	0.31	9.75	180
CO12391	CO12327	9.82	43 1-	4ACSR	0	0	328	126	200	28	21	0.01	9.76	3
OC346	CO12391	9.82	43 1-	15 H OCR	0	0	328	126	200	28	193	0.00	9.76	0
CO12392	OC346	10.24	43 1-	4ACSR	0	0	312	124	200	28	21	0.53	10.29	186
CO12396	CO12392	10.62	0 1-	4ACSR	0	0	298	122	0	0	0	0.00	10.29	0
CO12395	CO12396	10.69	0 1-	4ACSR	0	0	296	121	0	0	0	0.00	10.29	0
CO12393	CO12392	10.28	43 1-	4ACSR	0	0	310	124	199	28	21	0.06	10.34	21
CO12394	CO12393	10.34	43 1-	4ACSR	0	0	308	123	199	28	21	0.07	10.41	23
CO12434	CO12394	10.54	41 1-	4ACSR	0	0	301	122	195	28	20	0.25	10.66	87
CO12435	CO12434	10.61	41 1-	4ACSR	0	0	298	122	195	28	20	0.08	10.75	28
CO17127	CO12435	10.65	37 1-	2ACSR	0	0	297	121	157	22	13	0.03	10.78	8
OC-380916054	CO17127	10.65	37 1-	20 N FUSE	0	0	297	121	157	22	115	0.00	10.78	0
CO-1253669342	OC-380916054	11.17	36 1-	2ACSR	0	0	284	119	157	22	13	0.36	11.14	97
CO12080	CO-1253669342	11.29	36 1-	2ACSR	0	0	282	119	157	22	13	0.08	11.21	20
CO12081	CO12080	11.39	35 1-	2ACSR	0	0	279	119	147	21	12	0.06	11.28	16
CO12087	CO12081	11.46	35 1-	2ACSR	0	0	278	118	147	21	12	0.05	11.32	12
CO12086	CO12087	11.48	35 1-	2ACSR	0	0	277	118	147	21	12	0.01	11.34	4
CO12082	CO12086	11.67	35 1-	2ACSR	0	0	273	118	147	21	12	0.12	11.46	30
CO12116	CO12082	11.72	3 1-	4ACSR	0	0	271	117	38	5	4	0.01	11.47	0
CO12114	CO12116	11.78	3 1-	4ACSR	0	0	270	117	38	5	4	0.01	11.49	0
CO-455281989	CO12114	12.02	3 1-	2ACSR	0	0	264	116	38	5	3	0.04	11.53	3
CO-1814840962	CO-455281989	12.10	1 1-	2ACSR	0	0	263	116	5	0	0	0.00	11.53	0
CO1722314967	CO-455281989	12.14	2 1-	2ACSR	0	0	262	116	33	4	3	0.02	11.54	0
CO318917733	CO1722314967	12.22	2 1-	2ACSR	0	0	260	115	33	4	3	0.01	11.55	0
CO668678618	CO318917733	12.36	1 1-	2ACSR	0	0	258	115	14	2	1	0.01	11.56	0
CO-766595358	CO668678618	12.41	1 1-	2ACSR	0	0	257	115	14	2	1	0.00	11.56	0
CO12115	CO12082	11.69	31 1-	4ACSR	0	0	272	117	108	15	11	0.02	11.48	4
CO12091	CO12115	11.72	31 1-	4ACSR	0	0	271	117	108	15	11	0.02	11.49	3
CO12093	CO12091	11.80	30 1-	4ACSR	0	0	269	117	93	13	10	0.05	11.54	8
CO12092	CO12093	11.91	29 1-	4ACSR	0	0	266	116	92	13	10	0.06	11.60	9
CO11991	CO12092	11.99	0 1-	2ACSR	0	0	265	116	0	0	0	0.00	11.60	0
CO11954	CO12092	11.98	17 1-	4ACSR	0	0	264	116	64	9	7	0.03	11.62	3
CO12070	CO11954	12.01	6 1-	4ACSR	0	0	263	116	30	4	3	0.00	11.63	0
CO-2017950116	CO12070	12.07	5 1-	2ACSR	0	0	262	115	24	3	2	0.00	11.63	0
CO12030	CO11954	12.03	3 1-	4ACSR	0	0	263	116	11	1	1	0.00	11.63	0
CO12029	CO12030	12.11	3 1-	4ACSR	0	0	261	115	11	1	1	0.01	11.63	0
CO12066	CO12029	12.13	3 1-	4ACSR	0	0	260	115	11	1	1	0.00	11.64	0
CO-40813081	CO12066	12.16	0 1-	2ACSR	0	0	260	115	0	0	0	0.00	11.64	0
CO12117	CO-40813081	12.19	0 1-	4ACSR	0	0	259	115	0	0	0	0.00	11.64	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12118	CO12117	12.25	0 1-	4ACSR	0	0	257	114	0	0	0	0.00	11.64	0
CO12069	CO12118	12.29	0 1-	4ACSR	0	0	256	114	0	0	0	0.00	11.64	0
CO163686979	CO12066	12.18	3 1-	4ACSR	0	0	259	115	11	1	1	0.00	11.64	0
CO-1690954910	CO163686979	12.20	2 1-	4ACSR	0	0	258	115	7	1	1	0.00	11.64	0
CO-1060800752	CO163686979	12.24	1 1-	2ACSR	0	0	258	115	4	0	0	0.00	11.64	0
CO11953	CO12092	11.96	9 1-	4ACSR	0	0	265	116	14	2	1	0.00	11.60	0
CO11977	CO11953	12.03	2 1-	4ACSR	0	0	263	116	2	0	0	0.00	11.60	0
CO12121	CO11953	11.99	4 1-	4ACSR	0	0	264	116	3	0	0	0.00	11.60	0
CO12122	CO12121	12.01	4 1-	4ACSR	0	0	263	116	3	0	0	0.00	11.60	0
CO11955	CO12122	12.10	3 1-	4ACSR	0	0	261	115	3	0	0	0.00	11.61	0
CO11952	CO11955	12.18	3 1-	4ACSR	0	0	259	115	3	0	0	0.00	11.61	0
CO-553770416	CO11952	12.21	1 1-	2ACSR	0	0	258	115	0	0	0	0.00	11.61	0
CO12119	CO-553770416	12.36	1 1-	4ACSR	0	0	255	114	0	0	0	0.00	11.61	0
CO12068	CO12119	12.51	0 1-	4ACSR	0	0	251	113	0	0	0	0.00	11.61	0
CO11978	CO11952	12.24	2 1-	4ACSR	0	0	257	114	3	0	0	0.00	11.61	0
CO12112	CO11955	12.20	0 1-	4ACSR	0	0	258	115	0	0	0	0.00	11.61	0
CO12113	CO12112	12.22	0 1-	4ACSR	0	0	258	115	0	0	0	0.00	11.61	0
CO12072	CO12122	12.08	1 1-	1/0ACSR	0	0	262	115	0	0	0	0.00	11.60	0
CO12073	CO12072	12.14	1 1-	1/0ACSR	0	0	261	115	0	0	0	0.00	11.60	0
CO371685969	OC-380916054	11.16	1 1-	2ACSR	0	0	285	119	0	0	0	0.00	10.78	0
CO12031	CO371685969	11.27	1 1-	4ACSR	0	0	281	119	0	0	0	0.00	10.78	0
OC-1639673566	CO12031	11.27	1 1-	20 N FUSE	0	0	281	119	0	0	0	0.00	10.78	0
CO12032	OC-1639673566	11.33	1 1-	4ACSR	0	0	279	119	0	0	0	0.00	10.78	0
CO12033	CO12032	11.38	1 1-	4ACSR	0	0	278	118	0	0	0	0.00	10.78	0
CO12034	CO12033	11.42	1 1-	4ACSR	0	0	277	118	0	0	0	0.00	10.78	0
CO12035	CO12034	11.61	1 1-	4ACSR	0	0	271	117	0	0	0	0.00	10.78	0
CO12036	CO12035	11.70	1 1-	4ACSR	0	0	269	117	0	0	0	0.00	10.78	0
CO12037	CO12036	11.77	1 1-	4ACSR	0	0	267	116	0	0	0	0.00	10.78	0
CO12038	CO12037	11.85	1 1-	4ACSR	0	0	265	116	0	0	0	0.00	10.78	0
CO12039	CO12038	11.96	1 1-	4ACSR	0	0	261	115	0	0	0	0.00	10.78	0
CO12133	OC-1639673566	11.39	0 1-	4ACSR	0	0	278	118	0	0	0	0.00	10.78	0
CO12134	CO12133	11.49	0 1-	4ACSR	0	0	274	118	0	0	0	0.00	10.78	0
CO11976	CO12133	11.45	0 1-	4ACSR	0	0	276	118	0	0	0	0.00	10.78	0
CO608781709	CO371685969	11.34	0 1-	2ACSR	0	0	280	119	0	0	0	0.00	10.78	0
CO1584457096	CO608781709	11.37	0 1-	2ACSR	0	0	280	119	0	0	0	0.00	10.78	0
SW-227680875-B	CO1584457096	11.37	0 1-	Closed	0	0	280	119	0	0	0	0.00	10.78	0
SW-227680875-A	SW-227680875-B	11.37	0 1-	Closed	0	0	280	119	0	0	0	0.00	10.78	0
CO-245478536	CO608781709	11.37	0 1-	2ACSR	0	0	280	119	0	0	0	0.00	10.78	0
SW2014815443-B	CO-245478536	11.37	0 1-	Closed	0	0	280	119	0	0	0	0.00	10.78	0
SW2014815443-A	SW2014815443-B	11.37	0 1-	Closed	0	0	280	119	0	0	0	0.00	10.78	0
CO12451	CO12435	10.65	3 1-	4ACSR	0	0	297	121	27	3	3	0.01	10.75	0
CO12460	CO12451	10.78	1 1-	2ACSR	0	0	294	121	11	1	1	0.01	10.76	0
CO12461	CO12460	10.84	1 1-	2ACSR	0	0	292	121	11	1	1	0.00	10.76	0
CO12450	CO12451	10.73	1 1-	4ACSR	0	0	294	121	13	1	1	0.00	10.76	0
CO12444	CO12394	10.37	1 1-	4ACSR	0	0	307	123	0	0	0	0.00	10.41	0
CO12442	CO12444	10.42	1 1-	4ACSR	0	0	305	123	0	0	0	0.00	10.41	0
CO12443	CO12442	10.49	1 1-	4ACSR	0	0	302	122	0	0	0	0.00	10.41	0
CO12499	CO12327	9.91	17 1-	4ACSR	0	0	324	126	132	19	14	0.08	9.83	19
CO12495	CO12499	10.06	17 1-	4ACSR	0	0	318	125	132	19	14	0.12	9.95	28
CO12498	CO12495	10.15	16 1-	4ACSR	0	0	315	124	132	19	14	0.08	10.03	19
CO12496	CO12498	10.21	16 1-	4ACSR	0	0	312	124	132	19	14	0.05	10.08	12
CO12497	CO12496	10.34	16 1-	4ACSR	0	0	308	123	132	19	14	0.09	10.17	20

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17062	CO12497	10.45	14 1-	4ACSR	0	0	304	123	107	15	11	0.08	10.25	15
CO12102	CO17062	10.50	13 1-	4ACSR	0	0	302	122	107	15	11	0.03	10.29	6
CO11993	CO12102	10.55	1 1-	2ACSR	0	0	301	122	12	1	1	0.00	10.29	0
CO12103	CO12102	10.54	12 1-	4ACSR	0	0	301	122	96	13	10	0.03	10.31	4
CO12078	CO12103	10.63	1 1-	2ACSR	0	0	298	122	10	1	1	0.00	10.32	0
CO12079	CO12078	10.69	1 1-	2ACSR	0	0	297	121	10	1	1	0.00	10.32	0
CO12063	CO12103	10.70	10 1-	4ACSR	0	0	295	121	85	12	9	0.08	10.39	11
CO17063	CO12063	10.75	9 1-	4ACSR	0	0	294	121	75	10	8	0.02	10.42	3
CO12426	CO17063	10.90	9 1-	4ACSR	0	0	289	120	75	10	8	0.07	10.49	10
CO12459	CO12426	10.97	1 1-	2ACSR	0	0	287	120	14	2	1	0.00	10.49	0
CO12433	CO12426	10.98	8 1-	2ACSR	0	0	287	120	60	8	5	0.02	10.51	0
CO12432	CO12433	11.10	8 1-	2ACSR	0	0	284	119	60	8	5	0.03	10.54	3
CO12330	CO12432	11.20	5 1-	2ACSR	0	0	282	119	42	6	3	0.02	10.56	0
CO12331	CO12330	11.25	4 1-	2ACSR	0	0	280	119	21	3	2	0.00	10.57	0
CO12427	CO12331	11.31	3 1-	2ACSR	0	0	279	118	12	1	1	0.00	10.57	0
CO12431	CO12427	11.38	3 1-	2ACSR	0	0	277	118	12	1	1	0.00	10.57	0
CO12428	CO12431	11.42	2 1-	2ACSR	0	0	276	118	12	1	1	0.00	10.57	0
CO-527725602	CO12428	11.53	1 1-	2ACSR	0	0	274	118	12	1	1	0.00	10.58	0
CO12430	CO12428	11.53	1 1-	2ACSR	0	0	274	118	0	0	0	0.00	10.58	0
CO12429	CO12430	11.76	1 1-	2ACSR	0	0	269	117	0	0	0	0.00	10.58	0
CO12360	CO12429	11.81	1 1-	4ACSR	0	0	268	116	0	0	0	0.00	10.58	0
CO12458	CO12429	11.78	0 1-	2ACSR	0	0	268	117	0	0	0	0.00	10.58	0
CO12456	CO12458	11.82	0 1-	2ACSR	0	0	268	116	0	0	0	0.00	10.58	0
CO12457	CO12456	11.86	0 1-	2ACSR	0	0	267	116	0	0	0	0.00	10.58	0
CO12359	CO12331	11.30	1 1-	2ACSR	0	0	279	118	9	1	1	0.00	10.57	0
CO12358	CO12330	11.24	1 1-	4ACSR	0	0	280	119	21	3	2	0.00	10.56	0
CO12357	CO12432	11.16	2 1-	2ACSR	0	0	283	119	6	0	0	0.00	10.54	0
CO12363	CO12432	11.15	1 1-	2ACSR	0	0	283	119	12	1	1	0.00	10.55	0
CO12464	CO12465	9.55	2 1-	4ACSR	0	0	339	128	0	0	0	0.00	9.13	0
CO12462	CO12464	9.75	2 1-	4ACSR	0	0	331	127	0	0	0	0.00	9.13	0
CO12463	CO12462	9.83	1 1-	4ACSR	0	0	327	126	0	0	0	0.00	9.13	0
CO12367	CO12437	9.07	1 1-	2ACSR	0	0	362	131	0	0	0	0.00	7.98	0
CO12366	CO12422	8.95	1 1-	4ACSR	0	0	367	132	9	1	1	0.00	7.66	0
CO12325	CO12324	8.65	10 1-	4ACSR	0	0	383	134	55	7	5	0.02	7.00	0
CO12421	CO12325	8.73	9 1-	4ACSR	0	0	378	133	49	6	5	0.03	7.03	2
CO12370	CO12421	8.76	2 1-	1/0PRIURD	0	0	378	234	15	2	1	0.00	7.03	0
CO12420	CO12421	8.80	7 1-	4ACSR	0	0	375	133	34	4	3	0.01	7.04	0
CO-1389136110	CO12420	8.91	1 1-	2ACSR	0	0	370	132	10	1	1	0.00	7.04	0
CO12508	CO12420	8.84	2 1-	4ACSR	0	0	373	133	7	1	1	0.00	7.04	0
CO12509	CO12508	9.02	2 1-	4ACSR	0	0	364	132	7	1	1	0.01	7.05	0
CO12502	CO12509	9.09	2 1-	4ACSR	0	0	360	131	7	1	1	0.00	7.05	0
CO12503	CO12502	9.15	2 1-	4ACSR	0	0	358	131	7	1	1	0.00	7.05	0
CO12352	CO12420	9.08	2 1-	4ACSR	0	0	361	131	12	1	1	0.01	7.05	0
CO12382	CO12420	8.83	2 1-	4ACSR	0	0	373	133	4	0	0	0.00	7.04	0
CO12504	CO12382	9.18	1 1-	4ACSR	0	0	356	130	1	0	0	0.00	7.04	0
CO12505	CO12504	9.26	1 1-	4ACSR	0	0	352	130	1	0	0	0.00	7.04	0
CO12353	CO12325	8.73	0 1-	4ACSR	0	0	379	134	0	0	0	0.00	7.00	0
CO12919	CO12702	6.98	170 3-	1/0ACSR	640	607	499	147	1036	46	20	0.01	1.99	8
OC960	CO12919	6.98	170 3-	70 L OCR	640	607	499	147	1036	46	67	0.00	1.99	0
CO12920	OC960	7.04	170 3-	1/0ACSR	636	603	495	146	1036	46	20	0.05	2.04	77
CO12823	CO12920	7.07	168 3-	1/0ACSR	635	601	494	146	1030	46	20	0.02	2.06	28
CO12824	CO12823	7.13	167 3-	1/0ACSR	630	597	490	146	1020	46	20	0.05	2.10	75

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12825	CO12824	7.25	166 3-	1/0ACSR	622	590	483	146	1010	45	20	0.10	2.20	152
CO12820	CO12825	7.28	165 3-	1/0ACSR	620	588	482	146	1009	45	20	0.02	2.22	32
CO12819	CO12820	7.34	163 3-	1/0ACSR	616	584	479	145	991	44	20	0.05	2.27	71
CO12740	CO12819	7.41	1 1-	2ACSR	0	0	474	145	6	0	0	0.00	2.27	0
OC-439766971	CO12740	7.41	0 1-	20 N FUSE	0	0	474	145	0	0	0	0.00	2.27	0
CO12822	CO12819	7.42	162 3-	1/0ACSR	612	580	475	145	985	44	19	0.06	2.32	87
CO12821	CO12822	7.49	162 3-	1/0ACSR	607	576	471	145	984	44	19	0.05	2.37	77
CO12826	CO12821	7.53	160 3-	1/0ACSR	605	573	469	145	969	43	19	0.03	2.40	46
CO12818	CO12826	7.62	160 3-	1/0ACSR	599	568	464	144	968	43	19	0.07	2.47	103
CO12832	CO12818	7.75	160 3-	1/0ACSR	592	561	458	144	968	43	19	0.09	2.56	143
CO12834	CO12832	7.77	159 3-	1/0ACSR	590	560	457	144	967	43	19	0.02	2.58	23
CO12833	CO12834	7.84	159 3-	1/0ACSR	586	556	453	143	967	43	19	0.05	2.63	75
CO12829	CO12833	7.88	2 1-	4ACSR	0	0	450	143	14	1	1	0.00	2.63	0
OC1177691798	CO12829	7.88	0 1-	20 N FUSE	0	0	450	143	0	0	0	0.00	2.63	0
CO12925	OC1177691798	7.89	0 1-	4ACSR	0	0	450	143	0	0	0	0.00	2.63	0
CO12835	CO12833	8.01	157 3-	1/0ACSR	577	547	445	143	952	43	19	0.12	2.75	181
CO12836	CO12835	8.06	156 3-	1/0ACSR	574	544	443	142	941	42	19	0.04	2.79	52
CO12840	CO12836	8.14	155 3-	1/0ACSR	570	540	440	142	925	42	18	0.05	2.84	77
CO12837	CO12840	8.22	153 3-	1/0ACSR	565	536	436	142	912	41	18	0.06	2.90	84
CO983237913	CO12837	8.36	153 3-	2ACSR	556	528	428	141	912	41	23	0.14	3.04	214
CO1536667589	CO983237913	8.42	140 3-	2ACSR	552	524	425	141	831	37	21	0.06	3.10	80
CO12838	CO1536667589	8.48	140 3-	1/0ACSR	549	521	423	140	831	37	16	0.04	3.13	48
CO12743	CO12838	8.50	1 1-	4ACSR	0	0	422	140	10	1	1	0.00	3.13	0
OC-710497005	CO12743	8.50	0 1-	20 N FUSE	0	0	422	140	0	0	0	0.00	3.13	0
CO12827	CO12838	8.58	3 1-	4ACSR	0	0	417	140	8	1	1	0.00	3.14	0
OC-251128978	CO12827	8.58	3 1-	20 N FUSE	0	0	417	140	8	1	5	0.00	3.14	0
CO12828	OC-251128978	8.72	3 1-	4ACSR	0	0	408	139	8	1	1	0.00	3.14	0
CO12831	CO12828	8.82	2 1-	4ACSR	0	0	402	138	0	0	0	0.00	3.14	0
CO12830	CO12831	8.86	1 1-	4ACSR	0	0	400	138	0	0	0	0.00	3.14	0
CO12927	CO12830	8.87	0 1-	4ACSR	0	0	399	138	0	0	0	0.00	3.14	0
CO12851	CO12838	8.51	136 3-	1/0ACSR	548	520	421	140	813	37	16	0.02	3.15	25
CO12850	CO12851	8.59	136 3-	1/0ACSR	543	516	418	140	812	37	16	0.05	3.20	64
CO12742	CO12850	8.73	1 1-	4ACSR	0	0	409	139	19	2	2	0.01	3.21	0
OC1288592012	CO12742	8.73	0 1-	20 N FUSE	0	0	409	139	0	0	0	0.00	3.21	0
CO12842	CO12850	8.67	134 3-	1/0ACSR	539	512	415	140	778	35	15	0.05	3.25	58
CO12708	CO12842	9.01	1 1-	4ACSR	0	0	395	137	2	0	0	0.00	3.25	0
OC-895122685	CO12708	9.01	0 1-	20 N FUSE	0	0	395	137	0	0	0	0.00	3.25	0
CO12841	CO12842	8.69	133 3-	1/0ACSR	538	511	414	140	776	35	15	0.01	3.26	16
CO12844	CO12841	8.89	132 3-	1/0ACSR	529	502	406	139	775	35	15	0.11	3.38	139
CO12843	CO12844	8.93	131 3-	1/0ACSR	527	501	405	139	775	35	15	0.02	3.40	27
CO12763	CO12843	8.97	127 3-	1/0ACSR	525	499	403	139	768	35	15	0.02	3.42	30
CO12762	CO12763	9.08	127 3-	1/0ACSR	520	494	399	138	768	35	15	0.06	3.49	78
CO12764	CO12762	9.11	126 3-	1/0ACSR	519	493	398	138	761	34	15	0.02	3.51	21
CO12765	CO12764	9.18	124 3-	1/0ACSR	516	490	395	138	739	33	15	0.04	3.55	47
CO12928	CO12765	9.19	44 1-	4ACSR	0	0	395	138	268	36	26	0.01	3.55	3
CO12929	CO12928	9.24	44 1-	4ACSR	0	0	392	137	268	36	26	0.09	3.64	39
OC-1761406253	CO12929	9.24	44 1-	50 E OCR	0	0	392	137	267	36	73	0.00	3.64	0
CO12847	OC-1761406253	9.27	44 1-	4ACSR	0	0	390	137	267	36	26	0.04	3.69	19
CO12848	CO12847	9.30	43 1-	4ACSR	0	0	389	137	249	34	24	0.04	3.73	18
CO12846	CO12848	9.32	43 1-	4ACSR	0	0	388	137	248	34	24	0.03	3.76	12
CO12845	CO12846	9.36	42 1-	4ACSR	0	0	385	136	248	34	24	0.07	3.83	28
CO12849	CO12845	9.40	42 1-	4ACSR	0	0	383	136	248	34	24	0.06	3.88	24

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12869	CO12849	9.47	3 1-	4ACSR	0	0	380	136	9	1	1	0.00	3.89	0
CO12871	CO12869	9.54	1 1-	4ACSR	0	0	376	135	4	0	0	0.00	3.89	0
CO12870	CO12871	9.58	1 1-	4ACSR	0	0	374	135	4	0	0	0.00	3.89	0
CO12777	CO12849	9.60	37 1-	4ACSR	0	0	373	135	216	29	21	0.26	4.14	93
CO12775	CO12777	9.67	37 1-	4ACSR	0	0	369	134	216	29	21	0.10	4.24	35
CO12776	CO12775	9.70	37 1-	4ACSR	0	0	368	134	216	29	21	0.03	4.27	11
CO12766	CO12776	9.71	36 1-	4ACSR	0	0	368	134	216	29	21	0.01	4.28	5
CO12768	CO12766	9.74	36 1-	4ACSR	0	0	366	134	216	29	21	0.04	4.32	14
CO12748	CO12768	9.78	1 1-	2ACSR	0	0	365	134	9	1	1	0.00	4.32	0
CO12767	CO12768	9.87	33 1-	4ACSR	0	0	360	133	203	28	20	0.16	4.48	54
CO17222	CO12767	9.94	33 1-	4ACSR	0	0	357	132	203	28	20	0.08	4.57	28
CO13297	CO17222	10.03	29 1-	4ACSR	0	0	353	132	184	25	18	0.10	4.67	32
CO13296	CO13297	10.10	29 1-	4ACSR	0	0	349	131	184	25	18	0.08	4.75	24
SW382-B	CO13296	10.10	0 1-	Open	0	0	349	131	0	0	0	0.00	4.75	0
CO13153	CO13296	10.18	27 1-	4ACSR	0	0	346	131	169	23	17	0.09	4.84	25
CO13187	CO13153	10.27	1 1-	4ACSR	0	0	342	130	5	0	0	0.00	4.84	0
CO13154	CO13153	10.23	25 1-	4ACSR	0	0	344	131	162	22	16	0.04	4.88	11
CO13155	CO13154	10.39	24 1-	4ACSR	0	0	337	129	162	22	16	0.16	5.04	44
CO13294	CO13155	10.52	1 1-	4ACSR	0	0	332	129	0	0	0	0.00	5.04	0
CO13189	CO13294	10.56	1 1-	4ACSR	0	0	330	128	0	0	0	0.00	5.04	0
CO13295	CO13294	10.58	0 1-	4ACSR	0	0	329	128	0	0	0	0.00	5.04	0
CO13156	CO13155	10.65	23 1-	4ACSR	0	0	326	128	161	22	16	0.26	5.30	71
CO13190	CO13156	10.77	1 1-	4ACSR	0	0	321	127	5	0	0	0.00	5.30	0
CO13157	CO13156	10.78	22 1-	4ACSR	0	0	321	127	156	21	16	0.13	5.43	33
CO13158	CO13157	10.92	21 1-	4ACSR	0	0	316	126	151	21	15	0.13	5.55	32
CO13293	CO13158	11.17	19 1-	4ACSR	0	0	307	125	143	20	14	0.22	5.77	53
CO13292	CO13293	11.23	19 1-	4ACSR	0	0	305	124	143	20	14	0.05	5.82	12
CO13159	CO13292	11.36	16 1-	4ACSR	0	0	300	123	110	15	11	0.09	5.91	17
CO13160	CO13159	11.41	15 1-	4ACSR	0	0	299	123	85	11	9	0.02	5.93	3
CO13279	CO13160	11.55	15 1-	4ACSR	0	0	294	122	85	11	9	0.08	6.01	11
CO13278	CO13279	11.66	15 1-	4ACSR	0	0	290	122	85	11	9	0.05	6.06	8
CO13284	CO13278	11.71	12 1-	4ACSR	0	0	289	121	65	9	6	0.02	6.08	0
CO13283	CO13284	11.98	12 1-	4ACSR	0	0	281	120	65	9	6	0.09	6.17	8
CO13161	CO13283	12.13	6 1-	4ACSR	0	0	276	119	19	2	2	0.02	6.19	0
CO13354	CO13161	12.17	1 1-	4ACSR	0	0	275	119	8	1	1	0.00	6.19	0
CO13286	CO13161	12.18	5 1-	4ACSR	0	0	275	119	11	1	1	0.00	6.19	0
CO13285	CO13286	12.46	4 1-	4ACSR	0	0	267	117	3	0	0	0.01	6.19	0
CO13193	CO13285	12.53	2 1-	4ACSR	0	0	265	117	3	0	0	0.00	6.19	0
CO13355	CO13285	12.52	1 1-	4ACSR	0	0	265	117	0	0	0	0.00	6.19	0
CO13288	CO13285	12.53	0 1-	4ACSR	0	0	265	117	0	0	0	0.00	6.19	0
CO-1174891211	CO13288	12.58	0 1-	2ACSR	0	0	264	117	0	0	0	0.00	6.19	0
CO13353	CO13283	12.03	2 1-	4ACSR	0	0	279	120	19	2	2	0.00	6.17	0
CO13352	CO13283	12.03	1 1-	4ACSR	0	0	279	120	0	0	0	0.00	6.17	0
CO-831597938	CO13284	11.73	0 1-	2ACSR	0	0	288	121	0	0	0	0.00	6.08	0
CO13351	CO13278	11.77	2 1-	4ACSR	0	0	287	121	9	1	1	0.01	6.07	0
CO13280	CO13351	11.91	2 1-	4ACSR	0	0	283	120	9	1	1	0.01	6.08	0
CO13281	CO13280	11.99	1 1-	4ACSR	0	0	280	120	8	1	1	0.00	6.08	0
CO13282	CO13281	12.04	1 1-	4ACSR	0	0	279	119	8	1	1	0.00	6.08	0
CO13199	CO13159	11.37	1 1-	4ACSR	0	0	300	123	25	3	2	0.00	5.91	0
CO13289	CO13292	11.30	3 1-	4ACSR	0	0	302	124	33	4	3	0.01	5.83	0
CO13290	CO13289	11.36	2 1-	4ACSR	0	0	300	123	20	2	2	0.01	5.84	0
CO13291	CO13290	11.41	1 1-	4ACSR	0	0	298	123	16	2	2	0.00	5.84	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13192	CO13158	10.98	1 1-	4ACSR	0	0	313	126	2	0	0	0.00	5.55	0
CO13191	CO13157	10.88	1 1-	4ACSR	0	0	317	126	5	0	0	0.00	5.43	0
CO13188	CO13154	10.32	1 1-	4ACSR	0	0	340	130	1	0	0	0.00	4.88	0
CO13186	CO13296	10.17	1 1-	4ACSR	0	0	346	131	8	1	1	0.00	4.75	0
CO13185	CO17222	10.03	2 1-	4ACSR	0	0	353	132	13	1	1	0.00	4.57	0
CO12760	CO12765	9.26	80 3-	1/0ACSR	512	486	392	138	471	21	9	0.03	3.57	21
CO12761	CO12760	9.30	80 3-	1/0ACSR	510	485	391	137	471	21	9	0.01	3.59	11
CO12697	CO12761	9.36	45 1-	4ACSR	0	0	388	137	280	38	27	0.09	3.68	41
CO12853	CO12697	9.62	45 1-	4ACSR	0	0	374	135	280	38	27	0.44	4.12	202
OC-542518067	CO12853	9.62	44 1-	50 E OCR	0	0	374	135	269	37	74	0.00	4.12	0
CO12852	OC-542518067	9.68	44 1-	4ACSR	0	0	371	135	269	37	26	0.09	4.21	43
CO12693	CO12852	9.96	42 1-	4ACSR	0	0	358	133	252	34	25	0.44	4.65	183
CO12713	CO12693	10.00	1 1-	4ACSR	0	0	356	132	12	1	1	0.00	4.65	0
CO12712	CO12693	10.07	0 1-	4ACSR	0	0	352	132	0	0	0	0.00	4.65	0
CO12692	CO12693	10.06	41 1-	4ACSR	0	0	353	132	239	33	24	0.14	4.78	55
CO12750	CO12692	10.16	6 1-	4ACSR	0	0	349	131	63	8	6	0.04	4.82	4
CO12749	CO12750	10.24	5 1-	4ACSR	0	0	345	131	63	8	6	0.03	4.86	3
CO12691	CO12749	10.37	4 1-	4ACSR	0	0	339	130	50	6	5	0.04	4.89	3
CO12875	CO12691	10.44	0 1-	4ACSR	0	0	336	129	0	0	0	0.00	4.89	0
SW100178695-B	CO12875	10.44	0 1-	Closed	0	0	336	129	0	0	0	0.00	4.89	0
SW100178695-A	SW100178695-B	10.44	0 1-	Closed	0	0	336	129	0	0	0	0.00	4.89	0
CO12874	SW100178695-A	10.49	0 1-	4ACSR	0	0	334	129	0	0	0	0.00	4.89	0
CO12873	CO12691	10.48	2 1-	4ACSR	0	0	335	129	18	2	2	0.01	4.91	0
CO12872	CO12873	10.55	1 1-	4ACSR	0	0	332	129	17	2	2	0.00	4.91	0
CO12769	CO12691	10.52	2 1-	4ACSR	0	0	333	129	31	4	3	0.02	4.92	0
CO17155	CO12769	10.92	1 1-	4ACSR	0	0	318	126	20	2	2	0.02	4.94	0
CO13860	CO17155	10.99	0 1-	4ACSR	0	0	315	126	0	0	0	0.00	4.94	0
CO13859	CO13860	11.13	0 1-	4ACSR	0	0	310	125	0	0	0	0.00	4.94	0
CO13813	CO13859	11.18	0 1-	4ACSR	0	0	308	125	0	0	0	0.00	4.94	0
CO13851	CO13859	11.21	0 1-	4ACSR	0	0	307	125	0	0	0	0.00	4.94	0
CO13852	CO13851	11.26	0 1-	4ACSR	0	0	305	124	0	0	0	0.00	4.94	0
CO13853	CO13852	11.32	0 1-	4ACSR	0	0	303	124	0	0	0	0.00	4.94	0
CO12711	CO12749	10.32	1 1-	4ACSR	0	0	342	130	13	1	1	0.00	4.86	0
CO12917	CO12692	10.06	35 1-	4ACSR	0	0	353	132	175	24	17	0.01	4.79	0
CO12918	CO12917	10.17	35 1-	4ACSR	0	0	348	131	175	24	17	0.12	4.91	35
CO12771	CO12918	10.24	35 1-	4ACSR	0	0	345	131	175	24	17	0.07	4.98	21
CO12770	CO12771	10.49	35 1-	4ACSR	0	0	335	129	175	24	17	0.26	5.25	78
OC-233342225	CO12770	10.49	35 1-	20 N FUSE	0	0	335	129	175	24	122	0.00	5.25	0
CO12694	OC-233342225	10.57	35 1-	4ACSR	0	0	331	129	175	24	17	0.09	5.34	27
CO12774	CO12694	10.96	2 1-	4ACSR	0	0	316	126	6	0	1	0.01	5.34	0
CO17153	CO12774	11.16	1 1-	4ACSR	0	0	309	125	1	0	0	0.00	5.35	0
CO12695	CO12694	10.78	32 1-	4ACSR	0	0	323	127	167	23	17	0.21	5.55	60
CO12717	CO12695	10.91	1 1-	4ACSR	0	0	318	126	3	0	0	0.00	5.55	0
CO12773	CO12695	10.91	31 1-	4ACSR	0	0	318	126	164	22	16	0.13	5.68	37
CO12772	CO12773	11.01	31 1-	4ACSR	0	0	314	126	164	22	16	0.10	5.78	26
CO12696	CO12772	11.12	28 1-	4ACSR	0	0	310	125	142	19	14	0.10	5.88	24
CO17147	CO12696	11.31	24 1-	4ACSR	0	0	303	124	108	15	11	0.13	6.00	23
CO17156	CO17147	11.66	1 1-	4ACSR	0	0	292	122	0	0	0	0.00	6.00	0
CO13822	CO17156	11.72	1 1-	4ACSR	0	0	290	122	0	0	0	0.00	6.00	0
CO12341	CO17147	11.45	2 1-	4ACSR	0	0	299	123	1	0	0	0.00	6.00	0
CO12319	CO17147	11.34	21 1-	4ACSR	0	0	302	124	106	14	11	0.02	6.02	3
CO12373	CO12319	11.43	20 1-	4ACSR	0	0	299	123	106	14	11	0.06	6.08	10

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12374	CO12373	11.53	19 1-	4ACSR	0	0	296	123	98	13	10	0.06	6.14	10
CO12320	CO12374	11.58	18 1-	4ACSR	0	0	294	122	97	13	10	0.03	6.17	5
CO12321	CO12320	11.67	17 1-	4ACSR	0	0	291	122	94	13	9	0.05	6.22	9
CO12375	CO12321	11.87	14 1-	4ACSR	0	0	285	121	84	11	8	0.10	6.32	14
CO12471	CO12375	11.90	13 1-	4ACSR	0	0	284	121	80	11	8	0.02	6.34	0
CO12470	CO12471	11.96	13 1-	4ACSR	0	0	283	120	80	11	8	0.03	6.37	4
CO12472	CO12470	12.05	11 1-	4ACSR	0	0	280	120	78	11	8	0.05	6.41	6
CO12473	CO12472	12.17	11 1-	4ACSR	0	0	276	119	78	11	8	0.06	6.47	7
CO12371	CO12473	12.23	2 1-	4ACSR	0	0	274	119	7	1	1	0.00	6.47	0
CO12372	CO12371	12.36	0 1-	4ACSR	0	0	271	118	0	0	0	0.00	6.47	0
CO12447	CO12473	12.24	0 1-	4ACSR	0	0	274	119	0	0	0	0.00	6.47	0
CO12467	CO12473	12.28	9 1-	4ACSR	0	0	273	118	71	9	7	0.05	6.52	6
CO12345	CO12467	12.34	1 1-	4ACSR	0	0	271	118	10	1	1	0.00	6.52	0
CO12469	CO12467	12.34	7 1-	4ACSR	0	0	271	118	58	8	6	0.02	6.53	0
CO12468	CO12469	12.44	4 1-	4ACSR	0	0	269	118	32	4	3	0.02	6.55	0
CO12369	CO12468	12.47	3 1-	4ACSR	0	0	268	117	25	3	3	0.00	6.55	0
CO862760047	CO12369	12.54	2 1-	2ACSR	0	0	266	117	0	0	0	0.00	6.55	0
CO12344	CO12321	11.90	2 1-	4ACSR	0	0	284	121	10	1	1	0.01	6.23	0
CO12343	CO12320	11.65	1 1-	4ACSR	0	0	292	122	3	0	0	0.00	6.17	0
CO12342	CO12374	11.59	1 1-	4ACSR	0	0	294	122	1	0	0	0.00	6.14	0
CO12340	CO12319	11.41	1 1-	4ACSR	0	0	300	123	0	0	0	0.00	6.02	0
CO12881	CO12696	11.23	4 1-	4ACSR	0	0	306	125	34	4	3	0.02	5.90	0
CO12718	CO12881	11.28	1 1-	4ACSR	0	0	304	124	2	0	0	0.00	5.90	0
CO12878	CO12881	11.30	2 1-	4ACSR	0	0	304	124	22	3	2	0.01	5.90	0
CO12880	CO12878	11.34	1 1-	4ACSR	0	0	303	124	11	1	1	0.00	5.91	0
CO12879	CO12880	11.41	1 1-	4ACSR	0	0	300	123	11	1	1	0.00	5.91	0
CO12877	CO12772	11.12	2 1-	4ACSR	0	0	310	125	21	2	2	0.01	5.79	0
CO12876	CO12877	11.19	1 1-	4ACSR	0	0	308	125	13	1	1	0.00	5.79	0
CO12716	OC-233342225	10.57	0 1-	4ACSR	0	0	331	129	0	0	0	0.00	5.25	0
CO12715	CO12852	9.78	1 1-	4ACSR	0	0	366	134	16	2	2	0.01	4.22	0
CO12714	CO12852	9.71	1 1-	4ACSR	0	0	369	134	1	0	0	0.00	4.21	0
CO12744	CO12761	9.34	2 1-	2ACSR	0	0	389	137	2	0	0	0.00	3.59	0
OC-252436320	CO12744	9.34	0 1-	20 N FUSE	0	0	389	137	0	0	0	0.00	3.59	0
CO12923	CO12761	9.31	32 1-	4ACSR	0	0	390	137	189	25	19	0.01	3.60	2
OC363	CO12923	9.31	32 1-	25 H OCR	0	0	390	137	189	25	104	0.00	3.60	0
CO-1003596680	OC363	9.46	32 1-	2ACSR	0	0	384	137	189	25	14	0.12	3.71	35
CO1973729519	CO-1003596680	9.70	32 1-	2ACSR	0	0	374	135	189	25	14	0.18	3.90	57
CO12758	CO1973729519	9.72	30 1-	4ACSR	0	0	373	135	156	21	15	0.02	3.92	6
CO12759	CO12758	9.85	29 1-	4ACSR	0	0	367	134	148	20	15	0.11	4.03	26
CO12753	CO12759	9.86	27 1-	4ACSR	0	0	366	134	135	18	13	0.01	4.04	3
CO12752	CO12753	9.91	27 1-	4ACSR	0	0	364	134	135	18	13	0.04	4.08	9
CO12757	CO12752	10.04	26 1-	4ACSR	0	0	358	133	135	18	13	0.11	4.19	24
CO12754	CO12757	10.27	26 1-	4ACSR	0	0	347	131	135	18	13	0.18	4.37	41
CO695622032	CO12754	10.33	1 1-	2ACSR	0	0	345	131	14	1	1	0.00	4.37	0
CO12756	CO12754	10.40	24 1-	4ACSR	0	0	342	130	120	16	12	0.10	4.47	19
CO12755	CO12756	10.50	23 1-	4ACSR	0	0	338	130	116	16	11	0.07	4.54	13
CO12706	CO12755	10.61	1 1-	4ACSR	0	0	333	129	10	1	1	0.00	4.54	0
CO12705	CO12755	10.62	1 1-	4ACSR	0	0	332	129	4	0	0	0.00	4.54	0
CO12751	CO12755	10.88	21 1-	4ACSR	0	0	322	127	103	14	10	0.24	4.77	41
CO17059	CO12751	10.93	20 1-	4ACSR	0	0	320	127	99	13	10	0.03	4.80	5
CO12316	CO17059	11.04	20 1-	4ACSR	0	0	316	126	99	13	10	0.07	4.87	11
CO12445	CO12316	11.09	0 1-	4ACSR	0	0	314	126	0	0	0	0.00	4.87	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12446	CO12445	11.13	0 1-	4ACSR	0	0	313	126	0	0	0	0.00	4.87	0
CO12398	CO12316	11.56	20 1-	4ACSR	0	0	298	123	99	13	10	0.31	5.18	52
CO12397	CO12398	11.67	20 1-	4ACSR	0	0	294	123	98	13	10	0.07	5.25	12
CO12335	CO12397	11.76	2 1-	4ACSR	0	0	291	122	11	1	1	0.00	5.26	0
CO12377	CO12397	11.78	18 1-	4ACSR	0	0	291	122	88	12	9	0.05	5.31	7
CO-2082132221	CO12377	11.86	0 1-	2ACSR	0	0	289	122	0	0	0	0.00	5.31	0
CO12378	CO12377	11.85	17 1-	4ACSR	0	0	289	122	68	9	7	0.03	5.33	3
CO12318	CO12378	12.13	2 1-	4ACSR	0	0	280	120	13	1	1	0.02	5.35	0
CO12336	CO12318	12.23	1 1-	4ACSR	0	0	277	119	13	1	1	0.00	5.36	0
CO12376	CO12318	12.21	1 1-	4ACSR	0	0	278	119	0	0	0	0.00	5.35	0
CO12475	CO12376	12.30	1 1-	4ACSR	0	0	275	119	0	0	0	0.00	5.36	0
CO12337	CO12475	12.36	1 1-	4ACSR	0	0	273	119	0	0	0	0.00	5.36	0
CO12317	CO12378	11.98	15 1-	4ACSR	0	0	284	121	55	7	5	0.04	5.38	4
CO12501	CO12317	12.08	13 1-	4ACSR	0	0	282	120	50	6	5	0.03	5.40	2
OC32944867	CO12501	12.08	13 1-	20 N FUSE	0	0	282	120	50	6	35	0.00	5.40	0
CO12500	OC32944867	12.15	11 1-	4ACSR	0	0	279	120	45	6	4	0.02	5.42	0
CO12390	CO12500	12.35	11 1-	4ACSR	0	0	274	119	45	6	4	0.05	5.47	4
CO12338	CO12390	12.43	1 1-	4ACSR	0	0	271	118	1	0	0	0.00	5.47	0
CO12403	CO12390	12.49	9 1-	4ACSR	0	0	270	118	36	4	4	0.03	5.51	0
CO12399	CO12403	12.58	9 1-	4ACSR	0	0	267	117	36	4	4	0.02	5.52	0
CO12402	CO12399	12.65	8 1-	4ACSR	0	0	265	117	21	2	2	0.01	5.53	0
CO12400	CO12402	12.72	6 1-	4ACSR	0	0	264	117	10	1	1	0.00	5.53	0
CO12401	CO12400	12.88	6 1-	4ACSR	0	0	259	116	10	1	1	0.01	5.54	0
CO12478	CO12401	12.93	2 1-	4ACSR	0	0	258	116	0	0	0	0.00	5.54	0
CO12476	CO12478	13.05	2 1-	4ACSR	0	0	255	115	0	0	0	0.00	5.54	0
CO12477	CO12476	13.15	2 1-	4ACSR	0	0	253	114	0	0	0	0.00	5.54	0
CO12379	CO12477	13.44	1 1-	4ACSR	0	0	246	113	0	0	0	0.00	5.54	0
CO12339	CO12379	13.49	1 1-	4ACSR	0	0	245	113	0	0	0	0.00	5.54	0
CO-1577574445	CO12339	13.57	1 1-	2ACSR	0	0	243	112	0	0	0	0.00	5.54	0
CO12480	CO12401	12.99	3 1-	4ACSR	0	0	257	115	5	0	0	0.00	5.54	0
CO12479	CO12480	13.03	1 1-	4ACSR	0	0	256	115	1	0	0	0.00	5.54	0
CO12380	CO12479	13.06	0 1-	4ACSR	0	0	255	115	0	0	0	0.00	5.54	0
CO12368	OC32944867	12.10	2 1-	2ACSR	0	0	281	120	5	0	0	0.00	5.40	0
CO12407	CO12317	12.12	1 1-	4ACSR	0	0	280	120	0	0	0	0.00	5.38	0
CO12404	CO12407	12.37	1 1-	4ACSR	0	0	273	119	0	0	0	0.00	5.38	0
CO12406	CO12404	12.55	0 1-	4ACSR	0	0	268	118	0	0	0	0.00	5.38	0
CO12405	CO12406	12.60	0 1-	4ACSR	0	0	267	117	0	0	0	0.00	5.38	0
CO12334	CO17059	11.04	0 1-	4ACSR	0	0	316	126	0	0	0	0.00	4.80	0
CO17058	CO12751	10.94	1 1-	2ACSR	0	0	320	127	4	0	0	0.00	4.77	0
CO12707	CO1973729519	9.76	2 1-	4ACSR	0	0	371	135	32	4	3	0.01	3.91	0
CO512084185	CO12707	9.89	1 1-	2ACSR	0	0	366	134	21	2	2	0.01	3.91	0
CO12868	CO12843	8.96	2 1-	4ACSR	0	0	403	139	5	0	1	0.00	3.40	0
OC564554501	CO12868	8.96	2 1-	20 N FUSE	0	0	403	139	5	0	4	0.00	3.40	0
CO12867	OC564554501	9.01	2 1-	4ACSR	0	0	400	138	5	0	1	0.00	3.40	0
CO-1542206152	CO983237913	8.37	13 1-	2ACSR	0	0	428	141	79	10	6	0.00	3.04	0
CO1584965183	CO-1542206152	8.43	13 1-	2ACSR	0	0	425	141	79	10	6	0.02	3.06	2
CO753993259	CO1584965183	8.54	13 1-	2ACSR	0	0	419	140	79	10	6	0.04	3.10	5
CO12795	CO753993259	8.61	12 1-	4ACSR	0	0	415	140	68	9	7	0.03	3.13	3
CO12799	CO12795	8.69	11 1-	4ACSR	0	0	410	139	66	8	6	0.03	3.15	3
CO12798	CO12799	8.85	10 1-	4ACSR	0	0	401	138	49	6	5	0.05	3.20	4
CO12800	CO12798	8.96	10 1-	4ACSR	0	0	394	137	49	6	5	0.03	3.23	3
CO12797	CO12800	9.02	10 1-	4ACSR	0	0	391	137	49	6	5	0.02	3.25	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-839754035	CO12797	9.18	2 1-	2ACSR	0	0	384	136	11	1	1	0.00	3.25	0
CO12801	CO12797	9.13	7 1-	4ACSR	0	0	385	136	23	3	2	0.01	3.26	0
CO12796	CO12801	9.38	6 1-	4ACSR	0	0	372	134	17	2	2	0.03	3.29	0
CO12725	CO12796	9.46	2 1-	4ACSR	0	0	368	133	11	1	1	0.00	3.29	0
CO12724	CO12796	9.47	0 1-	4ACSR	0	0	367	133	0	0	0	0.00	3.29	0
CO12792	CO12796	9.70	3 1-	4ACSR	0	0	356	132	6	0	1	0.01	3.30	0
CO12793	CO12792	9.86	2 1-	4ACSR	0	0	349	131	6	0	1	0.01	3.31	0
CO12723	CO12793	9.95	2 1-	4ACSR	0	0	345	130	6	0	1	0.00	3.31	0
CO12790	CO12793	9.94	0 1-	4ACSR	0	0	345	130	0	0	0	0.00	3.31	0
CO-1340652844	CO12790	10.09	0 1-	2ACSR	0	0	340	129	0	0	0	0.00	3.31	0
SW-557047729-B	CO-1340652844	10.09	0 1-	Open	0	0	340	129	0	0	0	0.00	3.31	0
CO12794	CO753993259	8.64	1 1-	4ACSR	0	0	413	139	12	1	1	0.00	3.10	0
CO12741	CO12820	7.32	2 1-	2ACSR	0	0	479	145	18	2	1	0.00	2.22	0
OC2051765130	CO12741	7.32	0 1-	20 N FUSE	0	0	479	145	0	0	0	0.00	2.22	0
CO12732	CO12701	6.92	2 1-	4ACSR	0	0	500	147	22	2	2	0.01	1.83	0
CO1807282985	CO12732	7.03	1 1-	2ACSR	0	0	492	146	9	1	1	0.00	1.84	0
CO12731	CO12701	6.92	2 1-	4ACSR	0	0	500	147	13	1	1	0.00	1.83	0
OC1264733487	CO12731	6.92	0 1-	20 N FUSE	0	0	500	147	0	0	0	0.00	1.83	0
CO12730	CO12701	6.95	2 1-	4ACSR	0	0	498	146	12	1	1	0.00	1.83	0
CO12729	CO12807	6.71	1 1-	4ACSR	0	0	512	147	3	0	0	0.00	1.53	0
CO12728	CO12807	6.71	3 1-	4ACSR	0	0	512	147	23	3	2	0.01	1.54	0
OC-242050385	CO12728	6.71	0 1-	20 N FUSE	0	0	512	147	0	0	0	0.00	1.54	0
CO1873688948	CO-285858254	5.93	0 1-	2ACSR	0	0	568	151	0	0	0	0.00	0.65	0
CO12931	CO12802	5.99	5 3-	4ACSR	709	673	559	150	34	1	1	0.01	0.62	0
SW944-B	CO12931	5.99	0 3-	Open	709	673	559	150	0	0	0	0.00	0.62	0
CO12722	CO12931	6.12	2 1-	4ACSR	0	0	546	149	14	1	1	0.01	0.62	0
OC2024300727	CO12722	6.12	0 1-	20 N FUSE	0	0	546	149	0	0	0	0.00	0.62	0
CO12721	CO12931	6.08	3 1-	4ACSR	0	0	550	150	19	2	2	0.01	0.62	0
OC322058959	CO12721	6.08	0 1-	20 N FUSE	0	0	550	150	0	0	0	0.00	0.62	0
CO12899	CO12700	5.64	1 1-	4ACSR	0	0	584	152	8	1	1	0.01	0.36	0
OC-1750179821	CO12899	5.64	1 1-	20 N FUSE	0	0	584	152	8	1	5	0.00	0.36	0
CO12898	OC-1750179821	5.67	1 1-	4ACSR	0	0	581	151	8	1	1	0.00	0.36	0
CO12810	OH175	5.48	9 1-	4ACSR	0	0	598	152	62	8	6	0.03	0.29	3
OC938117773	CO12810	5.48	9 1-	20 N FUSE	0	0	598	152	62	8	41	0.00	0.29	0
CO12809	OC938117773	5.51	9 1-	4ACSR	0	0	594	152	62	8	6	0.01	0.30	0
CO12726	CO12809	5.56	1 1-	4ACSR	0	0	588	152	2	0	0	0.00	0.30	0
CO12703	CO12809	5.58	7 1-	4ACSR	0	0	586	151	58	7	6	0.02	0.32	0
CO12727	CO12703	5.66	1 1-	4ACSR	0	0	577	151	13	1	1	0.00	0.32	0
CO12893	CO12703	5.63	4 1-	4ACSR	0	0	580	151	20	2	2	0.01	0.32	0
CO12895	CO12893	5.71	3 1-	4ACSR	0	0	571	150	19	2	2	0.01	0.33	0
CO12897	CO12895	5.85	2 1-	4ACSR	0	0	555	149	6	0	1	0.00	0.34	0
CO12896	CO12897	5.93	1 1-	4ACSR	0	0	546	148	6	0	1	0.00	0.34	0
CO12894	CO12895	5.74	1 1-	4ACSR	0	0	568	150	13	1	1	0.00	0.33	0
CO-1157100585	CO12894	5.83	1 1-	1/0PRIURD	0	0	561	295	13	1	1	0.00	0.34	0
CO12892	CO12893	5.67	1 1-	4ACSR	0	0	576	151	2	0	0	0.00	0.32	0
CO12891	CO12703	5.62	2 1-	4ACSR	0	0	581	151	24	3	2	0.01	0.32	0
CO12890	CO12891	5.65	1 1-	4ACSR	0	0	578	151	16	2	2	0.00	0.32	0
CO13342	CO13172	4.71	26 1-	4ACSR	0	0	676	156	141	20	15	0.01	10.70	0
OC380	CO13342	4.71	26 1-	35 L OCR	0	0	676	156	141	20	59	0.00	10.70	0
CO13343	OC380	4.79	26 1-	4ACSR	0	0	663	155	141	20	15	0.07	10.78	18
CO13254	CO13343	4.93	26 1-	4ACSR	0	0	643	154	141	20	15	0.12	10.90	31
CO13179	CO13254	4.97	23 1-	4ACSR	0	0	636	153	127	18	13	0.04	10.94	8

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13173	CO13179	5.03	19 1-	4ACSR	0	0	628	153	105	15	11	0.04	10.98	8
CO13174	CO13173	5.09	18 1-	4ACSR	0	0	620	152	101	14	11	0.04	11.02	7
CO13261	CO13174	5.26	17 1-	4ACSR	0	0	597	151	94	13	10	0.10	11.12	17
CO13262	CO13261	5.31	17 1-	4ACSR	0	0	591	150	94	13	10	0.03	11.15	5
CO13175	CO13262	5.46	11 1-	4ACSR	0	0	573	149	58	8	6	0.05	11.20	5
OC-1470853959	CO13175	5.46	11 1-	20 N FUSE	0	0	573	149	58	8	42	0.00	11.20	0
CO13271	OC-1470853959	5.55	2 1-	4ACSR	0	0	562	148	6	0	1	0.00	11.21	0
CO13272	CO13271	5.59	1 1-	4ACSR	0	0	558	148	6	0	1	0.00	11.21	0
CO13269	OC-1470853959	5.51	9 1-	4ACSR	0	0	567	149	52	7	5	0.02	11.22	0
CO13270	CO13269	5.60	9 1-	4ACSR	0	0	557	148	52	7	5	0.03	11.25	3
CO13176	CO13270	5.73	7 1-	4ACSR	0	0	543	147	34	5	4	0.03	11.28	0
CO13177	CO13176	5.87	6 1-	4ACSR	0	0	527	146	27	4	3	0.03	11.30	0
CO13217	CO13177	5.94	1 1-	4ACSR	0	0	520	145	15	2	2	0.00	11.31	0
CO13178	CO13177	5.92	5 1-	4ACSR	0	0	523	145	12	1	1	0.00	11.31	0
CO13276	CO13178	6.00	4 1-	4ACSR	0	0	515	145	1	0	0	0.00	11.31	0
CO13277	CO13276	6.08	3 1-	4ACSR	0	0	507	144	1	0	0	0.00	11.31	0
CO13219	CO13277	6.13	2 1-	4ACSR	0	0	502	144	1	0	0	0.00	11.31	0
CO13350	CO13277	6.36	0 1-	4ACSR	0	0	482	142	0	0	0	0.00	11.31	0
SW76892312-B	CO13350	6.36	0 1-	Closed	0	0	482	142	0	0	0	0.00	11.31	0
SW76892312-A	SW76892312-B	6.36	0 1-	Closed	0	0	482	142	0	0	0	0.00	11.31	0
CO13341	SW76892312-A	6.36	0 1-	4ACSR	0	0	481	142	0	0	0	0.00	11.31	0
CO13218	CO13178	5.96	1 1-	4ACSR	0	0	518	145	11	1	1	0.00	11.31	0
CO13216	CO13176	5.78	1 1-	4ACSR	0	0	537	147	7	1	1	0.00	11.28	0
CO13274	CO13270	5.98	2 1-	4ACSR	0	0	517	145	17	2	2	0.04	11.29	0
CO13275	CO13274	6.03	2 1-	2ACSR	0	0	512	145	17	2	1	0.00	11.30	0
CO2018946126	CO13275	6.17	0 1-	2ACSR	0	0	502	144	0	0	0	0.00	11.30	0
CO-1889788380	CO13275	6.19	1 1-	2ACSR	0	0	501	144	9	1	1	0.01	11.30	0
CO13273	CO-1889788380	6.31	1 1-	4ACSR	0	0	490	143	9	1	1	0.01	11.31	0
CO17077	CO13273	6.62	1 1-	4ACSR	0	0	464	140	9	1	1	0.01	11.32	0
CO1830513316	CO17077	6.62	0 1-	2ACSR	0	0	464	140	0	0	0	0.00	11.32	0
SW-557047729-A	CO1830513316	6.62	0 1-	Open	0	0	464	140	0	0	0	0.00	11.32	0
CO13263	CO13262	5.57	5 1-	4ACSR	0	0	560	148	16	2	2	0.03	11.18	0
CO13264	CO13263	5.74	4 1-	4ACSR	0	0	541	147	15	2	2	0.01	11.19	0
CO13265	CO13264	5.77	3 1-	4ACSR	0	0	538	147	13	1	1	0.00	11.19	0
CO13266	CO13265	5.81	2 1-	4ACSR	0	0	534	146	13	1	1	0.00	11.20	0
CO13215	CO13266	5.87	1 1-	4ACSR	0	0	528	146	8	1	1	0.00	11.20	0
CO13267	CO13266	5.84	1 1-	4ACSR	0	0	531	146	5	0	0	0.00	11.20	0
CO13268	CO13267	5.87	1 1-	4ACSR	0	0	528	146	5	0	0	0.00	11.20	0
CO13214	CO13174	5.18	1 1-	4ACSR	0	0	608	152	7	0	1	0.00	11.02	0
CO13213	CO13173	5.12	1 1-	4ACSR	0	0	616	152	4	0	0	0.00	10.98	0
CO13259	CO13179	5.11	2 1-	4ACSR	0	0	618	152	14	2	1	0.01	10.95	0
CO13211	CO13259	5.13	1 1-	4ACSR	0	0	615	152	5	0	1	0.00	10.95	0
CO13260	CO13259	5.13	1 1-	4ACSR	0	0	615	152	9	1	1	0.00	10.95	0
CO13257	CO13179	5.00	1 1-	4ACSR	0	0	632	153	7	1	1	0.00	10.94	0
CO13258	CO13257	5.02	0 1-	4ACSR	0	0	630	153	0	0	0	0.00	10.94	0
CO13212	CO13257	5.02	1 1-	4ACSR	0	0	630	153	7	1	1	0.00	10.94	0
CO13255	CO13254	4.96	3 1-	4ACSR	0	0	639	154	14	1	1	0.00	10.90	0
CO13256	CO13255	5.00	1 1-	4ACSR	0	0	633	153	12	1	1	0.00	10.91	0
CO13244	CO13170	4.22	2 1-	4ACSR	0	0	762	160	6	0	1	0.00	8.44	0
OC-1335743412	CO13244	4.22	0 1-	20 N FUSE	0	0	762	160	0	0	0	0.00	8.44	0
CO13245	OC-1335743412	4.27	0 1-	4ACSR	0	0	752	160	0	0	0	0.00	8.44	0
CO13208	CO13245	4.31	0 1-	4ACSR	0	0	745	160	0	0	0	0.00	8.44	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13246	CO13245	4.39	0 1-	4ACSR	0	0	729	159	0	0	0	0.00	8.44	0
CO13240	CO13345	3.91	6 1-	4ACSR	0	0	823	163	22	3	2	0.01	7.12	0
CO13242	CO13240	3.96	3 1-	4ACSR	0	0	814	163	17	2	2	0.00	7.12	0
CO13243	CO13242	4.01	1 1-	4ACSR	0	0	803	162	6	0	1	0.00	7.12	0
CO13241	CO13240	4.20	1 1-	4ACSR	0	0	765	161	0	0	0	0.00	7.12	0
CO13234	CO13232	3.16	1 1-	4ACSR	0	0	954	166	6	0	1	0.00	6.40	0
OC707057378	CO13234	3.16	1 1-	20 N FUSE	0	0	954	166	6	0	4	0.00	6.40	0
CO13235	OC707057378	3.24	1 1-	4ACSR	0	0	931	166	6	0	1	0.00	6.41	0
CO13207	CO17080	2.59	3 1-	4ACSR	0	0	1127	172	16	2	2	0.00	4.26	0
OC466197715	CO13207	2.59	2 1-	20 N FUSE	0	0	1127	172	5	0	4	0.00	4.26	0
CO13228	OC466197715	2.82	2 1-	4ACSR	0	0	1050	169	5	0	1	0.00	4.26	0
CO13229	CO13228	2.93	0 1-	4ACSR	0	0	1016	168	0	0	0	0.00	4.26	0
CO13206	CO17080	2.59	1 1-	4ACSR	0	0	1128	172	12	1	1	0.00	4.26	0
OC713457489	CO13206	2.59	0 1-	20 N FUSE	0	0	1128	172	0	0	0	0.00	4.26	0
CO15229	CO15174	2.27	0 1-	4ACSR	0	0	1242	175	0	0	0	0.00	2.97	0
OC530132429	CO15229	2.27	0 1-	20 N FUSE	0	0	1242	175	0	0	0	0.00	2.97	0
CO15226	CO15395	2.21	1 1-	4ACSR	0	0	1265	176	5	0	0	0.00	2.73	0
OC-2058220891	CO15226	2.21	0 1-	20 N FUSE	0	0	1265	176	0	0	0	0.00	2.73	0
CO15215+	CO15166	1.29	2 1-	4ACSR	0	0	2294	346	6	0	0	0.00	0.48	0
OC1852922802+	CO15215	1.29	0 1-	20 N FUSE	0	0	2294	346	0	0	0	0.00	0.48	0
CO15510+	CO15507	0.02	1133 3-	750 MCM - 42 wi	3059	3095	3113	357	7491	169	15	0.00	0.01	13
Cowan+	CO15510	0.02	1133 3-	VWVE	3059	3095	3113	357	7491	169	21	0.00	0.01	0
CO15350+	Cowan	0.05	1133 3-	4/0ACSR	3043	3072	3088	357	7491	169	50	0.03	0.04	262
CO15349+	CO15350	0.08	1133 3-	4/0ACSR	3025	3045	3059	357	7490	169	50	0.03	0.07	303
CO1700771639+	CO15349	0.12	0 3-	1/0PRIURD	3023	3033	3034	909	0	0	0	0.00	0.07	0
CO15347+	CO15349	0.14	1133 3-	4/0ACSR	2996	3007	3015	357	7488	169	50	0.05	0.12	484
CO15348+	CO15347	0.17	1133 3-	4/0ACSR	2984	2994	2997	356	7486	169	50	0.02	0.14	195
CO15513+	CO15348	0.21	1133 3-	4/0ACSR	2963	2969	2964	356	7485	169	50	0.04	0.18	368
SW457-B+	CO15513	0.21	1133 3-	Closed	2963	2969	2964	356	7483	169	0	0.00	0.18	0
SW457-A+	SW457-B	0.21	1133 3-	Closed	2963	2969	2964	356	7483	169	0	0.00	0.18	0
CO15514+	SW457-A	0.27	1133 3-	4/0ACSR	2933	2935	2919	356	7483	169	50	0.05	0.23	522
CO15351+	CO15514	0.33	1133 3-	4/0ACSR	2906	2905	2879	355	7481	169	50	0.05	0.28	463
CO15352+	CO15351	0.47	1133 3-	4/0ACSR	2843	2833	2787	355	7479	169	50	0.12	0.40	1141
CO15515+	CO15352	0.48	28 1-	4ACSR	0	0	2781	354	205	13	10	0.00	0.40	0
OC464+	CO15515	0.48	28 1-	70 4E OCR	0	0	2781	354	205	13	20	0.00	0.40	0
CO15516+	OC464	0.53	28 1-	4ACSR	0	0	2734	353	205	13	10	0.02	0.42	6
CO15244+	CO15516	0.56	1 1-	4ACSR	0	0	2707	352	8	0	0	0.00	0.42	0
CO15393+	CO15516	0.56	27 1-	4ACSR	0	0	2710	352	197	13	10	0.01	0.42	2
CO15392+	CO15393	0.63	24 1-	4ACSR	0	0	2648	351	159	10	8	0.02	0.44	4
CO15452+	CO15392	0.64	2 1-	4ACSR	0	0	2640	351	4	0	0	0.00	0.44	0
CO15451+	CO15452	0.79	0 1-	4ACSR	0	0	2512	347	0	0	0	0.00	0.44	0
CO15354+	CO15392	0.71	20 1-	4ACSR	0	0	2580	349	146	9	7	0.02	0.46	4
CO15353+	CO15354	0.80	20 1-	4ACSR	0	0	2504	347	146	9	7	0.02	0.48	5
CO15237+	CO15353	0.84	1 1-	4ACSR	0	0	2473	346	5	0	0	0.00	0.48	0
CO15236+	CO15353	0.90	2 1-	4ACSR	0	0	2425	345	20	1	1	0.00	0.48	0
CO15358+	CO15353	0.96	17 1-	4ACSR	0	0	2377	344	121	8	6	0.03	0.51	6
CO723226138+	CO15358	1.00	2 1-	2ACSR	0	0	2348	343	16	1	1	0.00	0.51	0
CO15356+	CO15358	1.02	14 1-	4ACSR	0	0	2328	342	101	6	5	0.01	0.52	0
CO15355+	CO15356	1.07	13 1-	4ACSR	0	0	2289	341	93	6	5	0.01	0.53	0
CO1588079153+	CO15355	1.14	1 1-	2ACSR	0	0	2244	340	11	0	0	0.00	0.53	0
CO15357+	CO15355	1.22	11 1-	4ACSR	0	0	2176	338	74	5	4	0.02	0.54	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15235+	CO15357	1.26	3 1-	4ACSR	0	0	2149	337	18	1	1	0.00	0.54	0
CO15362+	CO15357	1.26	6 1-	4ACSR	0	0	2149	337	47	3	2	0.00	0.54	0
CO15359+	CO15362	1.36	5 1-	4ACSR	0	0	2083	335	33	2	2	0.00	0.55	0
CO15361+	CO15359	1.50	4 1-	4ACSR	0	0	1990	332	31	2	2	0.00	0.55	0
CO15360+	CO15361	1.54	2 1-	4ACSR	0	0	1966	331	15	0	1	0.00	0.56	0
CO15450+	CO15360	1.64	1 1-	4ACSR	0	0	1903	329	15	0	1	0.00	0.56	0
CO15449+	CO15450	1.79	1 1-	4ACSR	0	0	1816	326	15	0	1	0.00	0.56	0
CO15234+	CO15360	1.65	1 1-	4ACSR	0	0	1897	329	0	0	0	0.00	0.56	0
CO15255+	CO15358	1.00	1 1-	2ACSR	0	0	2351	343	4	0	0	0.00	0.51	0
CO15238+	CO15392	0.69	2 1-	4ACSR	0	0	2600	350	9	0	0	0.00	0.44	0
CO15175+	CO15352	0.52	1105 3-	4/0ACSR	2822	2810	2756	354	7268	164	48	0.04	0.44	370
CO15364+	CO15175	0.61	1101 3-	4/0ACSR	2782	2764	2698	354	7235	164	48	0.08	0.51	714
CO15363+	CO15364	0.67	1100 3-	4/0ACSR	2757	2735	2662	353	7224	163	48	0.05	0.56	458
CO15367+	CO15363	0.82	1097 3-	4/0ACSR	2694	2664	2574	352	7216	163	48	0.12	0.69	1167
CO15365+	CO15367	0.84	1095 3-	4/0ACSR	2686	2656	2563	352	7192	163	48	0.02	0.70	147
CO15493+	CO15365	0.95	14 1-	2ACSR	0	0	2490	351	154	10	6	0.02	0.72	4
CO15491+	CO15493	1.00	14 1-	2ACSR	0	0	2457	350	154	10	6	0.01	0.73	0
CO15247+	CO15491	1.00	1 1-	2ACSR	0	0	2451	350	16	1	1	0.00	0.73	0
CO15496+	CO15491	1.05	4 1-	2ACSR	0	0	2419	349	55	3	2	0.00	0.73	0
CO15495+	CO15496	1.09	3 1-	2ACSR	0	0	2396	348	40	2	1	0.00	0.73	0
CO15257+	CO15495	1.17	0 1-	1/0PRIURD	0	0	2356	842	0	0	0	0.00	0.73	0
CO15497+	CO15495	1.12	1 1-	2ACSR	0	0	2377	348	19	1	1	0.00	0.73	0
CO15494+	CO15497	1.15	1 1-	2ACSR	0	0	2360	347	19	1	1	0.00	0.73	0
CO15492+	CO15491	1.04	9 1-	2ACSR	0	0	2426	349	83	5	3	0.00	0.73	0
CO17193+	CO15492	1.11	6 1-	2ACSR	0	0	2380	348	63	4	2	0.00	0.74	0
CO15937+	CO17193	1.15	6 1-	1/0PRIURD	0	0	2361	843	63	4	3	0.00	0.74	0
CO15938+	CO15937	1.22	4 1-	1/0PRIURD	0	0	2323	837	43	2	2	0.00	0.74	0
CO17194+	CO15938	1.29	1 1-	1/0PRIURD	0	0	2288	832	12	0	1	0.00	0.74	0
CO15366+	CO15365	0.90	1081 3-	4/0ACSR	2663	2630	2532	352	7037	159	47	0.05	0.75	417
CO15176+	CO15366	1.12	1081 3-	4/0ACSR	2575	2532	2413	350	7035	159	47	0.18	0.93	1672
CO15177+	CO15176	1.41	1075 3-	4/0ACSR	2473	2417	2278	349	6987	159	47	0.23	1.16	2066
CO17180+	CO15177	1.55	4 1-	4ACSR	0	0	2188	345	19	1	1	0.00	1.16	0
CO15890+	CO17180	1.61	1 1-	4ACSR	0	0	2153	344	0	0	0	0.00	1.16	0
CO15936+	CO17180	1.60	2 1-	4ACSR	0	0	2159	344	15	1	1	0.00	1.16	0
CO15892+	CO15936	1.65	1 1-	4ACSR	0	0	2125	343	15	1	1	0.00	1.16	0
CO15891+	CO15936	1.69	1 1-	4ACSR	0	0	2102	342	0	0	0	0.00	1.16	0
CO15368+	CO15177	1.48	1070 3-	4/0ACSR	2446	2389	2245	348	6957	158	47	0.06	1.22	546
CO15369+	CO15368	1.56	1068 3-	4/0ACSR	2421	2360	2212	348	6932	158	46	0.06	1.28	544
CO15935+	CO15369	1.59	1068 3-	4/0ACSR	2410	2349	2199	347	6929	158	46	0.03	1.30	230
CO15870+	CO15935	1.68	1066 3-	4/0ACSR	2382	2318	2164	347	6908	157	46	0.07	1.37	609
CO15934+	CO15870	1.81	1063 3-	4/0ACSR	2337	2269	2108	346	6876	156	46	0.11	1.48	984
CO17243+	CO15934	1.96	1060 3-	4/0ACSR	2292	2221	2054	345	6860	156	46	0.11	1.60	1023
CO15163+	CO17243	2.08	1056 3-	4/0ACSR	2256	2181	2009	344	6823	155	46	0.10	1.69	861
CO15295+	CO15163	2.17	1055 3-	4/0ACSR	2231	2154	1980	344	6809	155	46	0.07	1.76	582
CO15294+	CO15295	2.32	1053 3-	4/0ACSR	2188	2108	1929	343	6789	155	46	0.12	1.87	1062
CO15275+	CO15294	2.38	14 1-	2ACSR	0	0	1905	342	94	6	4	0.01	1.88	0
CO15274+	CO15275	2.45	14 1-	2ACSR	0	0	1873	341	94	6	4	0.01	1.89	0
CO15187+	CO15274	2.52	3 1-	2ACSR	0	0	1846	340	19	1	1	0.00	1.89	0
CO15269+	CO15274	2.62	11 1-	2ACSR	0	0	1805	338	75	5	3	0.01	1.90	0
CO15271+	CO15269	2.82	8 1-	2ACSR	0	0	1729	335	45	3	2	0.01	1.91	0
CO15273+	CO15271	2.86	6 1-	2ACSR	0	0	1716	335	31	2	1	0.00	1.91	0
CO15272+	CO15273	2.89	6 1-	2ACSR	0	0	1704	334	31	2	1	0.00	1.91	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15270+	CO15272	2.94	5 1-	2ACSR	0	0	1687	334	31	2	1	0.00	1.91	0
CO15403+	CO15270	3.00	2 1-	2ACSR	0	0	1667	333	9	0	0	0.00	1.91	0
CO15400+	CO15403	3.03	0 1-	2ACSR	0	0	1655	332	0	0	0	0.00	1.91	0
CO15402+	CO15400	3.31	0 1-	2ACSR	0	0	1564	328	0	0	0	0.00	1.91	0
CO15401+	CO15402	3.46	0 1-	2ACSR	0	0	1519	326	0	0	0	0.00	1.91	0
CO15189+	CO15270	3.00	1 1-	2ACSR	0	0	1667	333	11	0	0	0.00	1.91	0
CO15188+	CO15270	2.98	2 1-	2ACSR	0	0	1673	333	11	0	0	0.00	1.91	0
CO15191+	CO15294	2.36	2 1-	4ACSR	0	0	1911	342	40	2	2	0.00	1.88	0
CO15162+	CO15294	2.38	1034 3-	4/0ACSR	2172	2091	1910	343	6602	151	44	0.04	1.92	373
CO15190+	CO15162	2.41	1 1-	4ACSR	0	0	1892	342	7	0	0	0.00	1.92	0
CO15292+	CO15162	2.58	1033 3-	4/0ACSR	2117	2032	1847	341	6593	150	44	0.15	2.07	1347
CO15291+	CO15292	2.74	1031 3-	4/0ACSR	2077	1989	1801	340	6585	150	44	0.12	2.19	1024
CO15293+	CO15291	2.80	1030 3-	4/0ACSR	2061	1972	1783	340	6570	150	44	0.05	2.24	419
CO15399+	CO15293	2.95	3 1-	4ACSR	0	0	1719	337	10	0	0	0.00	2.24	0
CO17192+	CO15399	3.10	2 1-	4ACSR	0	0	1660	333	10	0	0	0.00	2.24	0
CO15932+	CO17192	3.29	1 1-	2ACSR	0	0	1598	331	0	0	0	0.00	2.24	0
CO15161+	CO15293	3.03	1027 3-	4/0ACSR	2005	1914	1721	338	6558	150	44	0.17	2.41	1480
CO15290+	CO15161	3.11	1019 3-	4/0ACSR	1988	1896	1701	338	6503	149	44	0.06	2.46	486
CO15289+	CO15290	3.18	1019 3-	4/0ACSR	1970	1877	1682	337	6501	149	44	0.06	2.52	486
CO15398+	CO15289	3.28	0 1-	4ACSR	0	0	1646	335	0	0	0	0.00	2.52	0
CO15397+	CO15398	3.35	0 1-	4ACSR	0	0	1618	334	0	0	0	0.00	2.52	0
CO15186+	CO15289	3.23	1 1-	4ACSR	0	0	1664	336	14	0	1	0.00	2.52	0
CO15288+	CO15289	3.42	1018 3-	4/0ACSR	1917	1822	1625	336	6484	149	44	0.17	2.69	1512
CO15287+	CO15288	3.68	1018 3-	4/0ACSR	1861	1764	1565	334	6477	149	44	0.20	2.89	1694
CO17187+	CO15287	4.08	1018 3-	4/0ACSR	1783	1683	1483	332	6469	149	44	0.29	3.18	2536
CO16232+	CO17187	4.10	210 3-	1/0ACSR	1779	1679	1479	332	1285	29	13	0.00	3.19	9
CO16233+	CO16232	4.13	209 3-	1/0ACSR	1772	1672	1472	331	1278	29	13	0.01	3.19	15
CO17190+	CO16233	4.24	209 3-	1/0ACSR	1747	1646	1446	330	1278	29	13	0.03	3.22	56
CO15284+	CO17190	4.32	205 3-	1/0ACSR	1730	1629	1429	329	1243	28	13	0.02	3.24	36
CO15498+	CO15284	4.37	1 1-	2/0ACSR	0	0	1417	329	1	0	0	0.00	3.24	0
CO17195+	CO15498	4.43	1 1-	2/0ACSR	0	0	1407	328	1	0	0	0.00	3.24	0
CO15283+	CO15284	4.49	204 3-	1/0ACSR	1694	1591	1392	328	1242	28	13	0.04	3.29	81
CO15196+	CO15283	4.54	1 1-	4ACSR	0	0	1377	327	5	0	0	0.00	3.29	0
CO15277+	CO15283	4.53	202 3-	1/0ACSR	1686	1583	1385	327	1234	28	12	0.01	3.30	18
CO15276+	CO15277	4.57	202 3-	1/0ACSR	1676	1573	1375	327	1233	28	12	0.01	3.31	22
CO15406+	CO15276	4.64	1 1-	4ACSR	0	0	1357	325	0	0	0	0.00	3.31	0
CO15408+	CO15406	4.71	0 1-	4ACSR	0	0	1339	324	0	0	0	0.00	3.31	0
CO15407+	CO15408	4.89	0 1-	4ACSR	0	0	1290	320	0	0	0	0.00	3.31	0
CO15279+	CO15276	4.82	201 3-	1/0ACSR	1627	1522	1326	324	1233	28	12	0.06	3.37	116
CO15278+	CO15279	4.98	200 3-	1/0ACSR	1596	1491	1296	323	1232	28	12	0.04	3.41	74
CO15280+	CO15278	5.01	199 3-	1/0ACSR	1590	1485	1291	323	1232	28	12	0.01	3.42	15
CO15159+	CO15280	5.22	197 3-	1/0ACSR	1552	1446	1253	320	1225	28	12	0.05	3.47	97
CO15282+	CO15159	5.26	196 3-	1/0ACSR	1545	1439	1247	320	1222	28	12	0.01	3.48	18
CO15281+	CO15282	5.31	195 3-	1/0ACSR	1535	1429	1237	320	1210	28	12	0.01	3.49	25
CO17186+	CO15281	5.60	1 1-	750 MCM - 42 Wi	0	0	1210	319	3	0	0	0.00	3.49	0
CO15286+	CO15281	5.43	194 3-	1/0ACSR	1513	1407	1217	318	1207	28	12	0.03	3.52	56
CO15285+	CO15286	5.49	194 3-	1/0ACSR	1504	1397	1208	318	1207	28	12	0.01	3.54	26
CO15160+	CO15285	5.55	193 3-	1/0ACSR	1494	1388	1198	317	1201	27	12	0.01	3.55	25
CO15210+	CO15160	5.60	1 1-	4ACSR	0	0	1186	316	1	0	0	0.00	3.55	0
CO15317+	CO15160	5.68	191 3-	1/0ACSR	1472	1365	1178	316	1187	27	12	0.03	3.58	58
CO17090+	CO15317	5.76	191 3-	1/0ACSR	1459	1355	1166	315	1187	27	12	0.02	3.60	33
CO13336+	CO17090	5.87	191 3-	1/0ACSR	1441	1338	1149	314	1187	27	12	0.03	3.63	50

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13337+	CO13336	5.89	191 3-	1/0ACSR	1438	1335	1146	314	1186	27	12	0.00	3.63	9
CO1779704199+	CO13337	6.09	189 3-	2ACSR	1401	1303	1113	311	1172	27	15	0.07	3.70	136
CO-946732367+	CO1779704199	6.20	1 1-	2ACSR	0	0	1095	310	11	0	0	0.00	3.71	0
CO-2138088450+	CO1779704199	6.29	188 3-	2ACSR	1366	1271	1081	309	1161	27	15	0.07	3.78	136
CO17089+	CO-2138088450	6.35	188 3-	1/0ACSR	1357	1263	1073	308	1161	27	12	0.01	3.79	25
CO14143+	CO17089	6.37	188 3-	1/0ACSR	1354	1261	1070	308	1160	27	12	0.00	3.80	8
CO14195+	CO14143	6.40	187 3-	1/0ACSR	1350	1257	1067	308	1154	26	12	0.01	3.80	12
CO14196+	CO14195	6.50	187 3-	1/0ACSR	1337	1245	1055	307	1154	26	12	0.02	3.82	39
CO14142+	CO14196	6.67	183 3-	1/0ACSR	1313	1223	1034	305	1128	26	11	0.04	3.86	68
CO14141+	CO14142	6.80	179 3-	1/0ACSR	1295	1207	1018	304	1119	26	11	0.03	3.89	52
CO14140+	CO14141	7.25	178 3-	1/0ACSR	1238	1154	967	300	1117	26	11	0.10	4.00	177
CO14213+	CO14140	7.39	176 3-	1/0ACSR	1222	1139	953	299	1098	25	11	0.03	4.03	50
CO14214+	CO14213	7.49	175 3-	1/0ACSR	1210	1129	943	298	1096	25	11	0.02	4.05	37
CO14215+	CO14214	7.77	174 3-	1/0ACSR	1177	1098	915	296	1082	25	11	0.06	4.11	106
CO14218+	CO14215	7.83	171 3-	1/0ACSR	1171	1093	910	295	1069	24	11	0.01	4.13	19
CO14219+	CO14218	7.86	169 3-	1/0ACSR	1168	1090	907	295	1053	24	11	0.01	4.13	11
CO14139+	CO14219	7.94	168 3-	1/0ACSR	1160	1082	900	294	1052	24	11	0.02	4.15	26
CO14220+	CO14139	7.98	3 1-	4ACSR	0	0	893	293	15	1	1	0.00	4.15	0
CO14221+	CO14220	8.05	2 1-	4ACSR	0	0	885	292	13	0	1	0.00	4.15	0
CO14138+	CO14139	7.98	163 3-	1/0ACSR	1155	1078	895	294	1017	23	10	0.01	4.16	15
CO14137+	CO14138	8.19	111 3-	1/0ACSR	1133	1058	876	292	660	15	7	0.03	4.19	29
CO14233+	CO14137	8.25	109 3-	1/0ACSR	1126	1052	871	292	647	15	7	0.01	4.20	8
CO14234+	CO14233	8.32	108 3-	1/0ACSR	1119	1045	865	291	644	15	7	0.01	4.20	9
CO14144+	CO14234	8.35	33 1-	4ACSR	0	0	861	290	183	12	9	0.01	4.21	2
CO14317+	CO14144	8.36	33 1-	4ACSR	0	0	861	290	183	12	9	0.00	4.22	0
OC411+	CO14317	8.36	33 1-	25 H OCR	0	0	861	290	183	12	51	0.00	4.22	0
XFMR29	OC411	8.36	33 1-	333 KVA 1PH AUT	0	0	792	168	183	12	55	0.45	4.67	0
CO14318	XFMR29	8.38	33 1-	4ACSR	0	0	788	168	183	25	18	0.03	4.69	8
CO17100	CO14318	8.70	31 1-	4ACSR	0	0	737	165	182	25	18	0.36	5.06	110
CO13829	CO17100	8.84	31 1-	4ACSR	0	0	715	163	181	25	18	0.17	5.22	48
CO13883	CO13829	8.89	30 1-	4ACSR	0	0	707	163	167	23	17	0.05	5.28	14
CO13882	CO13883	8.98	29 1-	4ACSR	0	0	695	162	162	22	16	0.09	5.36	23
CO13805	CO13882	9.09	1 1-	4ACSR	0	0	679	161	2	0	0	0.00	5.36	0
CO13795	CO13882	9.05	28 1-	4ACSR	0	0	684	161	160	22	16	0.07	5.44	19
CO13806	CO13795	9.12	0 1-	4ACSR	0	0	675	161	0	0	0	0.00	5.44	0
CO13794	CO13795	9.14	26 1-	4ACSR	0	0	672	160	148	20	15	0.08	5.52	20
CO13885	CO13794	9.26	1 1-	4ACSR	0	0	656	159	1	0	0	0.00	5.52	0
CO13884	CO13885	9.46	0 1-	4ACSR	0	0	629	157	0	0	0	0.00	5.52	0
CO13819	CO13884	9.74	0 1-	4ACSR	0	0	594	155	0	0	0	0.00	5.52	0
CO13878	CO13794	9.17	25 1-	4ACSR	0	0	667	160	147	20	15	0.03	5.55	7
CO13877	CO13878	9.43	23 1-	4ACSR	0	0	633	158	142	19	14	0.23	5.77	52
CO13874	CO13877	9.59	13 1-	4ACSR	0	0	613	156	67	9	7	0.06	5.84	7
CO13873	CO13874	9.75	12 1-	4ACSR	0	0	593	155	61	8	6	0.06	5.90	7
CO13811	CO13873	9.79	1 1-	4ACSR	0	0	589	154	0	0	0	0.00	5.90	0
CO13876	CO13873	9.79	11 1-	4ACSR	0	0	589	154	61	8	6	0.01	5.91	0
CO13875	CO13876	9.89	10 1-	4ACSR	0	0	578	153	57	8	6	0.03	5.94	3
CO13812	CO13875	9.93	1 1-	4ACSR	0	0	573	153	0	0	0	0.00	5.94	0
CO13865	CO13875	10.02	8 1-	4ACSR	0	0	564	152	40	5	4	0.03	5.98	2
CO13833	CO13865	10.05	1 1-	4ACSR	0	0	560	152	5	0	1	0.00	5.98	0
CO13834	CO13833	10.16	1 1-	4ACSR	0	0	548	151	5	0	1	0.00	5.98	0
CO13866	CO13865	10.07	7 1-	4ACSR	0	0	559	152	35	4	4	0.01	5.99	0
CO13886	CO13866	10.20	6 1-	4ACSR	0	0	544	151	34	4	3	0.03	6.01	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13814	CO13886	10.26	1 1-	2ACSR	0	0	539	150	2	0	0	0.00	6.01	0
CO13887	CO13886	10.26	4 1-	4ACSR	0	0	538	150	22	3	2	0.01	6.02	0
CO13861	CO13887	10.31	3 1-	4ACSR	0	0	534	150	21	3	2	0.01	6.03	0
CO13862	CO13861	10.41	3 1-	4ACSR	0	0	524	149	21	3	2	0.01	6.04	0
CO13863	CO13862	10.48	1 1-	4ACSR	0	0	517	148	8	1	1	0.00	6.04	0
CO13864	CO13863	10.57	0 1-	4ACSR	0	0	509	147	0	0	0	0.00	6.04	0
CO13796	CO13877	9.58	9 1-	4ACSR	0	0	614	156	61	8	6	0.05	5.83	5
CO13808	CO13796	9.66	1 1-	4ACSR	0	0	604	155	15	2	2	0.00	5.83	0
CO13830	CO13796	9.64	6 1-	4ACSR	0	0	607	156	34	4	3	0.01	5.84	0
CO13820	CO13830	9.68	6 1-	4ACSR	0	0	602	155	34	4	3	0.01	5.85	0
CO13821	CO13820	10.08	5 1-	4ACSR	0	0	557	152	30	4	3	0.08	5.92	4
CO13797	CO13821	10.15	2 1-	4ACSR	0	0	549	151	14	1	1	0.01	5.93	0
CO13831	CO13797	10.27	2 1-	4ACSR	0	0	537	150	14	1	1	0.01	5.94	0
CO13832	CO13831	10.38	2 1-	4ACSR	0	0	527	149	14	1	1	0.00	5.94	0
CO13809	CO13797	10.24	0 1-	4ACSR	0	0	541	150	0	0	0	0.00	5.93	0
CO13810	CO13821	10.15	3 1-	4ACSR	0	0	550	151	16	2	2	0.00	5.93	0
CO13807	CO13794	9.31	0 1-	4ACSR	0	0	649	159	0	0	0	0.00	5.52	0
CO14165	CO14318	8.57	2 1-	4ACSR	0	0	757	166	1	0	0	0.00	4.70	0
CO485132026	CO14165	8.64	1 1-	2ACSR	0	0	748	166	1	0	0	0.00	4.70	0
CO14319+	CO14234	8.33	75 1-	4ACSR	0	0	864	291	461	32	23	0.00	4.21	4
OC410+	CO14319	8.33	75 1-	25 H OCR	0	0	864	291	461	32	130	0.00	4.21	0
XFMR27	OC410	8.33	75 1-	333 KVA 1PH AUT	0	0	793	168	461	32	141	1.24	5.45	0
CO14320	XFMR27	8.38	75 1-	4ACSR	0	0	785	168	461	65	47	0.15	5.60	114
CO14235	CO14320	8.48	75 1-	4ACSR	0	0	769	167	461	65	47	0.28	5.88	215
CO14236	CO14235	8.60	74 1-	4ACSR	0	0	749	166	456	64	46	0.37	6.25	278
CO14237	CO14236	8.72	71 1-	4ACSR	0	0	730	164	440	62	45	0.33	6.58	239
CO14238	CO14237	8.74	68 1-	4ACSR	0	0	727	164	425	60	43	0.05	6.63	37
CO14268	CO14238	8.95	42 1-	4ACSR	0	0	696	162	258	36	26	0.35	6.98	150
CO14269	CO14268	9.02	41 1-	4ACSR	0	0	685	161	253	36	26	0.12	7.10	51
CO14272	CO14269	9.11	39 1-	2ACSR	0	0	675	161	248	35	20	0.09	7.19	38
CO14273	CO14272	9.33	38 1-	2ACSR	0	0	650	159	245	35	20	0.24	7.43	94
CO14274	CO14273	9.39	38 1-	2ACSR	0	0	643	159	245	35	20	0.07	7.50	28
CO14275	CO14274	9.52	37 1-	2ACSR	0	0	629	158	234	33	19	0.14	7.64	53
CO14278	CO14275	9.58	35 1-	2ACSR	0	0	623	158	229	32	18	0.06	7.70	21
CO14173	CO14278	9.64	1 1-	2ACSR	0	0	617	157	17	2	1	0.00	7.70	0
CO14279	CO14278	9.67	34 1-	2ACSR	0	0	614	157	212	30	17	0.09	7.79	31
CO14281	CO14279	9.70	33 1-	2ACSR	0	0	611	157	208	29	17	0.02	7.81	7
CO14282	CO14281	9.73	32 1-	2ACSR	0	0	608	157	200	28	16	0.03	7.84	10
CO14280	CO14282	9.79	30 1-	2ACSR	0	0	603	156	182	26	15	0.04	7.88	13
CO14174	CO14280	9.86	1 1-	2ACSR	0	0	596	156	5	0	0	0.00	7.88	0
CO14283	CO14280	9.85	29 1-	2ACSR	0	0	596	156	177	25	14	0.05	7.94	15
CO14284	CO14283	9.92	29 1-	2ACSR	0	0	590	155	177	25	14	0.05	7.99	16
CO14285	CO14284	9.98	29 1-	2ACSR	0	0	585	155	177	25	14	0.05	8.04	13
CO14287	CO14285	10.20	28 1-	2ACSR	0	0	565	154	165	23	13	0.17	8.20	45
CO14152	CO14287	10.23	1 1-	4ACSR	0	0	562	153	11	1	1	0.00	8.21	0
CO14151	CO14287	10.30	1 1-	2ACSR	0	0	556	153	6	0	1	0.00	8.21	0
CO14290	CO14287	10.27	23 1-	2ACSR	0	0	559	153	134	19	11	0.04	8.24	8
CO14291	CO14290	10.37	21 1-	2ACSR	0	0	550	152	120	17	10	0.05	8.29	9
CO14289	CO14291	10.49	18 1-	2ACSR	0	0	541	152	97	14	8	0.05	8.34	7
CO14297	CO14289	10.62	6 1-	4ACSR	0	0	528	151	41	5	4	0.03	8.37	2
CO14298	CO14297	10.72	4 1-	4ACSR	0	0	519	150	37	5	4	0.03	8.40	0
CO14296	CO14298	10.86	4 1-	4ACSR	0	0	507	149	37	5	4	0.03	8.43	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14153	CO14296	10.93	1 1-	4ACSR	0	0	500	148	15	2	2	0.00	8.43	0
CO14294	CO14296	10.94	3 1-	4ACSR	0	0	499	148	22	3	2	0.01	8.44	0
CO14295	CO14294	11.02	3 1-	4ACSR	0	0	493	147	22	3	2	0.01	8.45	0
CO14154	CO14295	11.05	1 1-	4ACSR	0	0	490	147	11	1	1	0.00	8.46	0
CO14292	CO14295	11.08	2 1-	4ACSR	0	0	487	147	11	1	1	0.00	8.46	0
CO14293	CO14292	11.39	0 1-	4ACSR	0	0	463	144	0	0	0	0.00	8.46	0
CO14299	CO14289	10.51	10 1-	4ACSR	0	0	539	152	38	5	4	0.00	8.34	0
CO14300	CO14299	10.68	9 1-	4ACSR	0	0	523	150	34	4	4	0.04	8.38	2
CO14147	CO14300	10.73	2 1-	4ACSR	0	0	518	150	11	1	1	0.00	8.38	0
CO14301	CO14300	10.69	7 1-	4ACSR	0	0	521	150	24	3	2	0.00	8.38	0
CO14302	CO14301	11.06	7 1-	4ACSR	0	0	489	147	24	3	2	0.06	8.44	2
CO14148	CO14302	11.31	1 1-	4ACSR	0	0	469	145	12	1	1	0.01	8.45	0
CO14303	CO14302	11.20	6 1-	4ACSR	0	0	478	146	12	1	1	0.01	8.45	0
CO14304	CO14303	11.40	5 1-	4ACSR	0	0	462	144	11	1	1	0.01	8.47	0
CO14306	CO14304	11.42	0 1-	4ACSR	0	0	461	144	0	0	0	0.00	8.47	0
CO14307	CO14306	11.46	0 1-	4ACSR	0	0	458	144	0	0	0	0.00	8.47	0
CO14308	CO14307	11.51	0 1-	4ACSR	0	0	454	143	0	0	0	0.00	8.47	0
CO14305	CO14304	11.78	5 1-	4ACSR	0	0	435	141	11	1	1	0.03	8.49	0
CO14309	CO14305	11.89	1 1-	4ACSR	0	0	428	140	2	0	0	0.00	8.49	0
CO14310	CO14309	11.95	0 1-	4ACSR	0	0	424	140	0	0	0	0.00	8.49	0
CO14311	CO14305	12.10	4 1-	4ACSR	0	0	414	139	9	1	1	0.02	8.51	0
CO14312	CO14311	12.18	4 1-	4ACSR	0	0	409	138	9	1	1	0.00	8.52	0
CO14313	CO14312	12.21	2 1-	4ACSR	0	0	407	138	5	0	1	0.00	8.52	0
CO14314	CO14313	12.29	2 1-	4ACSR	0	0	403	137	5	0	1	0.00	8.52	0
CO14150	CO14314	12.35	1 1-	4ACSR	0	0	399	137	0	0	0	0.00	8.52	0
CO14149	CO14314	12.34	1 1-	4ACSR	0	0	400	137	5	0	0	0.00	8.52	0
CO14288	CO14287	10.36	3 1-	2ACSR	0	0	551	153	14	2	1	0.01	8.21	0
CO14286	CO14285	10.15	1 1-	4ACSR	0	0	566	153	12	1	1	0.01	8.05	0
CO14315	CO14286	10.30	1 1-	4ACSR	0	0	550	152	12	1	1	0.01	8.06	0
CO14316	CO14315	10.31	0 1-	4ACSR	0	0	549	152	0	0	0	0.00	8.06	0
CO14172	CO14279	9.70	1 1-	2ACSR	0	0	611	157	4	0	0	0.00	7.79	0
CO14276	CO14275	9.60	1 1-	4ACSR	0	0	620	157	5	0	0	0.00	7.64	0
CO14277	CO14276	9.66	0 1-	4ACSR	0	0	613	157	0	0	0	0.00	7.64	0
CO14270	CO14269	9.09	2 1-	2ACSR	0	0	678	161	5	0	0	0.00	7.10	0
CO14271	CO14270	9.16	2 1-	2ACSR	0	0	669	160	5	0	0	0.00	7.10	0
CO14239	CO14238	8.93	26 1-	2ACSR	0	0	703	163	167	23	13	0.14	6.77	36
CO14240	CO14239	9.22	25 1-	2ACSR	0	0	668	161	159	22	13	0.20	6.97	52
CO14171	CO14240	9.29	1 1-	2ACSR	0	0	661	160	0	0	0	0.00	6.97	0
CO14241	CO14240	9.32	24 1-	2ACSR	0	0	658	160	159	22	13	0.07	7.04	18
CO14242	CO14241	9.36	24 1-	2ACSR	0	0	652	160	159	22	13	0.03	7.07	9
CO14243	CO14242	9.43	24 1-	2ACSR	0	0	645	159	159	22	13	0.05	7.12	13
CO14244	CO14243	9.48	24 1-	2ACSR	0	0	640	159	159	22	13	0.03	7.15	8
CO14245	CO14244	9.54	23 1-	6ACWC	0	0	632	159	154	22	16	0.06	7.21	15
CO14170	CO14245	9.59	1 1-	6ACWC	0	0	625	158	3	0	0	0.00	7.21	0
CO14246	CO14245	9.65	22 1-	6ACWC	0	0	619	157	151	21	15	0.11	7.32	28
CO14247	CO14246	9.93	22 1-	6ACWC	0	0	586	155	151	21	15	0.27	7.59	70
CO14248	CO14247	10.00	22 1-	6ACWC	0	0	578	154	150	21	15	0.06	7.66	16
CO14249	CO14248	10.20	21 1-	6ACWC	0	0	557	152	150	21	15	0.19	7.85	48
CO14250	CO14249	10.24	21 1-	6ACWC	0	0	553	152	150	21	15	0.04	7.89	11
CO14253	CO14250	10.29	10 1-	6ACWC	0	0	548	152	67	9	7	0.02	7.91	3
CO14254	CO14253	10.31	10 1-	6ACWC	0	0	546	152	67	9	7	0.01	7.92	0
CO14255	CO14254	10.33	8 1-	6ACWC	0	0	544	151	57	8	6	0.01	7.93	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14257	CO14255	10.38	4 1-	6ACWC	0	0	539	151	15	2	2	0.01	7.93	0
CO14258	CO14257	10.42	4 1-	6ACWC	0	0	535	151	15	2	2	0.00	7.93	0
CO14259	CO14258	10.45	2 1-	6ACWC	0	0	532	150	14	2	1	0.00	7.94	0
CO14256	CO14255	10.36	2 1-	6ACWC	0	0	542	151	26	3	3	0.00	7.93	0
CO14251	CO14250	10.34	11 1-	6ACWC	0	0	543	151	83	11	9	0.05	7.94	7
CO14252	CO14251	10.39	11 1-	6ACWC	0	0	538	151	83	11	9	0.02	7.96	3
CO14166	CO14252	10.44	1 1-	4ACSR	0	0	533	150	14	1	1	0.00	7.97	0
CO14260	CO14252	10.44	8 1-	6ACWC	0	0	533	150	58	8	6	0.02	7.99	0
CO14261	CO14260	10.47	8 1-	6ACWC	0	0	531	150	58	8	6	0.01	8.00	0
CO14262	CO14261	10.51	8 1-	6ACWC	0	0	527	150	58	8	6	0.01	8.01	0
CO14323	CO14262	10.67	3 1-	1/0PRIURD	0	0	518	289	32	4	3	0.01	8.02	0
CO14263	CO14323	10.75	2 1-	1/0PRIURD	0	0	514	287	16	2	1	0.00	8.02	0
CO14264	CO14263	10.84	0 1-	1/0PRIURD	0	0	510	286	0	0	0	0.00	8.02	0
CO14265	CO14262	10.53	3 1-	6ACWC	0	0	525	150	17	2	2	0.00	8.01	0
CO14266	CO14265	10.59	2 1-	6ACWC	0	0	519	149	13	1	1	0.00	8.02	0
CO14267	CO14266	10.71	2 1-	6ACWC	0	0	509	148	13	1	1	0.01	8.02	0
CO14155	CO14235	8.59	1 1-	4ACSR	0	0	751	166	4	0	0	0.00	5.88	0
CO14156+	CO14137	8.23	2 1-	4ACSR	0	0	872	291	13	0	1	0.00	4.19	0
CO14159+	CO14138	8.01	0 1-	4ACSR	0	0	891	293	0	0	0	0.00	4.16	0
CO14229+	CO14138	8.04	7 1-	4ACSR	0	0	887	293	38	2	2	0.00	4.16	0
CO14230+	CO14229	8.07	3 1-	4ACSR	0	0	884	292	20	1	1	0.00	4.16	0
CO14158+	CO14230	8.09	0 1-	4ACSR	0	0	881	292	0	0	0	0.00	4.16	0
CO14231+	CO14230	8.07	1 1-	4ACSR	0	0	883	292	13	0	1	0.00	4.16	0
CO14232+	CO14231	8.10	1 1-	4ACSR	0	0	879	292	13	0	1	0.00	4.16	0
CO14222+	CO14138	8.08	44 1-	4ACSR	0	0	882	292	306	21	15	0.05	4.21	24
CO482624122+	CO14222	8.15	2 1-	2ACSR	0	0	875	291	14	0	1	0.00	4.21	0
CO14223+	CO14222	8.18	40 1-	4ACSR	0	0	869	290	282	19	14	0.04	4.25	20
CO14167+	CO14223	8.22	1 1-	4ACSR	0	0	865	290	10	0	0	0.00	4.25	0
CO14225+	CO14223	8.26	35 1-	4ACSR	0	0	860	289	264	18	13	0.03	4.28	13
CO14224+	CO14225	8.28	35 1-	4ACSR	0	0	858	289	264	18	13	0.01	4.29	3
CO14226+	CO14224	8.37	31 1-	4ACSR	0	0	846	287	220	15	11	0.03	4.32	12
CO14227+	CO14226	8.41	30 1-	4ACSR	0	0	842	287	210	14	10	0.01	4.33	4
CO14228+	CO14227	8.45	29 1-	4ACSR	0	0	837	286	209	14	10	0.01	4.35	4
CO17101+	CO14228	8.65	26 1-	4ACSR	0	0	814	283	195	13	10	0.06	4.41	20
CO13827+	CO17101	8.66	2 1-	4ACSR	0	0	812	283	26	1	1	0.00	4.41	0
CO13828+	CO13827	8.67	1 1-	4ACSR	0	0	811	283	14	0	1	0.00	4.41	0
CO14175+	CO13828	8.83	1 1-	4ACSR	0	0	793	280	14	0	1	0.00	4.41	0
CO13826+	CO17101	8.68	24 1-	4ACSR	0	0	810	283	168	11	8	0.01	4.42	2
CO-948763944+	CO13826	8.70	24 1-	2ACSR	0	0	808	282	168	11	7	0.00	4.42	0
CO224398980+	CO-948763944	8.73	1 1-	2ACSR	0	0	806	282	16	1	1	0.00	4.42	0
CO918115595+	CO-948763944	8.73	23 1-	2ACSR	0	0	806	282	152	10	6	0.00	4.42	0
CO13818+	CO918115595	8.76	23 1-	4ACSR	0	0	802	282	152	10	8	0.01	4.43	0
CO17105+	CO13818	8.88	22 1-	4ACSR	0	0	790	280	143	9	7	0.03	4.46	6
CO17076+	CO17105	9.07	21 1-	4ACSR	0	0	769	277	139	9	7	0.04	4.50	10
CO17221+	CO17076	9.41	3 1-	4ACSR	0	0	736	272	23	1	1	0.01	4.51	0
CO12710+	CO17221	9.47	2 1-	4ACSR	0	0	730	271	5	0	0	0.00	4.51	0
CO12709+	CO17221	9.46	1 1-	4ACSR	0	0	730	271	18	1	1	0.00	4.51	0
CO13150+	CO17076	9.33	18 1-	4ACSR	0	0	743	273	116	8	6	0.05	4.55	9
CO13305+	CO13150	9.40	2 1-	4ACSR	0	0	737	272	25	1	1	0.00	4.55	0
CO13306+	CO13305	9.45	1 1-	4ACSR	0	0	732	271	3	0	0	0.00	4.55	0
CO13151+	CO13150	9.44	16 1-	4ACSR	0	0	733	271	91	6	5	0.02	4.56	2
CO13182+	CO13151	9.50	1 1-	4ACSR	0	0	727	270	5	0	0	0.00	4.57	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13304+	CO13151	9.45	15 1-	4ACSR	0	0	732	271	86	6	4	0.00	4.57	0
CO13303+	CO13304	9.55	15 1-	4ACSR	0	0	722	270	86	6	4	0.01	4.58	0
CO13183+	CO13303	9.63	1 1-	4ACSR	0	0	716	269	3	0	0	0.00	4.58	0
CO13152+	CO13303	9.66	13 1-	4ACSR	0	0	712	268	70	4	4	0.01	4.59	0
CO13302+	CO13152	9.74	6 1-	4ACSR	0	0	705	267	37	2	2	0.00	4.60	0
CO13301+	CO13302	9.81	6 1-	4ACSR	0	0	699	266	37	2	2	0.00	4.60	0
CO-5686484+	CO13301	9.94	1 1-	4ACSR	0	0	688	264	9	0	0	0.00	4.60	0
CO13300+	CO13301	9.93	5 1-	4ACSR	0	0	689	265	27	1	1	0.01	4.61	0
CO13299+	CO13300	10.05	3 1-	4ACSR	0	0	678	263	26	1	1	0.00	4.61	0
CO13184+	CO13299	10.11	1 1-	4ACSR	0	0	673	262	8	0	0	0.00	4.61	0
CO13298+	CO13299	10.10	1 1-	4ACSR	0	0	674	262	11	0	1	0.00	4.61	0
CO13340+	CO13298	10.15	0 1-	4ACSR	0	0	670	262	0	0	0	0.00	4.61	0
CO13339+	CO13340	10.16	0 1-	4ACSR	0	0	670	261	0	0	0	0.00	4.61	0
SW382-A+	CO13339	10.16	0 1-	Open	0	0	670	261	0	0	0	0.00	4.61	0
CO13164+	CO13152	9.75	7 1-	4ACSR	0	0	705	267	34	2	2	0.00	4.60	0
CO13163+	CO13164	9.85	5 1-	4ACSR	0	0	695	266	21	1	1	0.00	4.60	0
CO13307+	CO13163	9.94	2 1-	4ACSR	0	0	688	264	20	1	1	0.00	4.60	0
CO13308+	CO13307	10.00	1 1-	4ACSR	0	0	683	264	7	0	0	0.00	4.60	0
CO13149+	CO13163	10.40	2 1-	4ACSR	0	0	651	258	0	0	0	0.00	4.60	0
CO13181+	CO13149	10.59	1 1-	4ACSR	0	0	637	256	0	0	0	0.00	4.60	0
CO13225+	CO13163	9.89	1 1-	2ACSR	0	0	693	265	1	0	0	0.00	4.60	0
CO13198+	CO13164	9.77	2 1-	4ACSR	0	0	702	267	13	0	1	0.00	4.60	0
CO17084+	CO17105	8.91	1 1-	4ACSR	0	0	786	279	3	0	0	0.00	4.46	0
CO17159+	CO13818	8.94	1 1-	4ACSR	0	0	783	279	10	0	0	0.00	4.43	0
CO14164+	CO14224	8.32	1 1-	4ACSR	0	0	852	288	7	0	0	0.00	4.29	0
CO14161+	CO14219	7.94	0 1-	4ACSR	0	0	896	294	0	0	0	0.00	4.13	0
CO14160+	CO14219	7.94	1 1-	4ACSR	0	0	896	294	0	0	0	0.00	4.13	0
CO14216+	CO14215	7.85	3 3-	1/0ACSR	1168	1090	907	295	12	0	0	0.00	4.11	0
CO14217+	CO14216	7.87	2 3-	1/0ACSR	1167	1089	906	295	5	0	0	0.00	4.11	0
CO14168+	CO14217	7.90	2 1-	2ACSR	0	0	902	294	5	0	0	0.00	4.11	0
CO14211+	CO14140	7.31	2 1-	4ACSR	0	0	959	299	18	1	1	0.00	4.00	0
CO14212+	CO14211	7.35	1 1-	4ACSR	0	0	953	298	12	0	1	0.00	4.00	0
CO14208+	CO14141	6.86	1 1-	4ACSR	0	0	1009	303	2	0	0	0.00	3.89	0
CO14169+	CO14208	6.88	0 1-	2ACSR	0	0	1005	303	0	0	0	0.00	3.89	0
CO14209+	CO14208	6.90	0 1-	4ACSR	0	0	1001	302	0	0	0	0.00	3.89	0
CO14210+	CO14209	6.95	0 1-	4ACSR	0	0	993	301	0	0	0	0.00	3.89	0
CO14145+	CO14142	6.73	4 1-	6ACWC	0	0	1022	304	9	0	0	0.00	3.86	0
CO14321+	CO14145	6.74	4 1-	6ACWC	0	0	1021	304	9	0	0	0.00	3.86	0
OC412+	CO14321	6.74	4 1-	25 E OCR	0	0	1021	304	9	0	2	0.00	3.86	0
CO14322+	OC412	6.78	4 1-	6ACWC	0	0	1015	303	9	0	0	0.00	3.87	0
CO14200+	CO14322	6.80	4 1-	6ACWC	0	0	1012	303	9	0	0	0.00	3.87	0
CO14201+	CO14200	6.99	4 1-	6ACWC	0	0	981	300	9	0	0	0.00	3.87	0
CO14202+	CO14201	7.03	4 1-	6ACWC	0	0	975	299	9	0	0	0.00	3.87	0
CO14203+	CO14202	7.11	3 1-	6ACWC	0	0	962	298	5	0	0	0.00	3.87	0
CO14204+	CO14203	7.23	2 1-	6ACWC	0	0	945	296	4	0	0	0.00	3.87	0
CO14205+	CO14204	7.37	2 1-	6ACWC	0	0	925	293	4	0	0	0.00	3.87	0
CO14206+	CO14205	7.75	1 1-	6ACWC	0	0	873	287	3	0	0	0.00	3.87	0
CO14207+	CO14206	7.81	1 1-	6ACWC	0	0	865	286	3	0	0	0.00	3.87	0
CO14199+	CO14196	6.62	2 1-	6ACWC	0	0	1034	305	15	1	1	0.00	3.83	0
CO17088+	CO14199	6.76	2 1-	6ACWC	0	0	1010	302	15	1	1	0.00	3.83	0
CO13335+	CO17088	6.97	2 1-	6ACWC	0	0	976	299	15	1	1	0.00	3.83	0
CO14197+	CO14196	6.61	1 1-	6ACWC	0	0	1036	305	4	0	0	0.00	3.83	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14198+	CO14197	6.64	1 1-	6ACWC	0	0	1030	304	4	0	0	0.00	3.83	0
CO17083+	CO14198	6.76	0 1-	6ACWC	0	0	1010	302	0	0	0	0.00	3.83	0
CO14162+	CO14143	6.44	1 1-	4ACSR	0	0	1059	307	6	0	0	0.00	3.80	0
CO14163+	CO17089	6.39	0 1-	4ACSR	0	0	1066	307	0	0	0	0.00	3.79	0
CO15193+	CO15285	5.57	1 1-	4ACSR	0	0	1191	316	6	0	0	0.00	3.54	0
CO15194+	CO15159	5.27	1 1-	4ACSR	0	0	1241	319	2	0	0	0.00	3.47	0
CO15195+	CO15280	5.09	2 1-	4ACSR	0	0	1270	321	7	0	0	0.00	3.42	0
CO17188+	CO16233	4.17	0 1-	4ACSR	0	0	1460	331	0	0	0	0.00	3.19	0
CO16262+	CO17187	4.09	806 3-	4/0ACSR	1782	1682	1482	332	5156	118	35	0.00	3.19	27
OC495+	CO16262	4.09	806 3-	70 L OCR	1782	1682	1482	332	5156	118	170	0.00	3.19	0
CO16263+	OC495	4.14	806 3-	4/0ACSR	1772	1672	1472	331	5156	118	35	0.03	3.22	206
CO16231+	CO16263	4.65	805 3-	4/0ACSR	1681	1580	1379	328	5145	118	35	0.30	3.51	2064
CO16039+	CO16231	4.75	803 3-	4/0ACSR	1664	1562	1362	328	5122	118	35	0.06	3.57	409
CO16038+	CO16039	4.80	770 3-	4/0ACSR	1656	1555	1354	327	4793	110	33	0.03	3.60	167
CO16199+	CO16038	4.87	1 1-	4ACSR	0	0	1335	326	16	1	1	0.00	3.60	0
CO16200+	CO16199	4.95	1 1-	4ACSR	0	0	1315	324	16	1	1	0.00	3.60	0
CO16037+	CO16038	5.27	768 3-	4/0ACSR	1582	1480	1281	324	4776	110	32	0.25	3.85	1658
CO16082+	CO16037	5.34	1 1-	4ACSR	0	0	1265	323	1	0	0	0.00	3.85	0
CO1762422087+	CO16082	5.42	1 1-	2ACSR	0	0	1250	322	1	0	0	0.00	3.85	0
CO16081+	CO16037	5.37	1 1-	4ACSR	0	0	1259	323	9	0	0	0.00	3.85	0
CO16040+	CO16037	5.35	766 3-	4/0ACSR	1571	1468	1270	324	4758	110	32	0.04	3.89	264
CO16253+	CO16040	5.35	7 1-	4ACSR	0	0	1268	324	64	4	3	0.00	3.89	0
OC486+	CO16253	5.35	7 1-	10 N FUSE	0	0	1268	324	64	4	44	0.00	3.89	0
CO16254+	OC486	5.40	7 1-	4ACSR	0	0	1257	323	64	4	3	0.00	3.89	0
CO1165844292+	CO16254	5.44	4 1-	4ACSR	0	0	1247	322	35	2	2	0.00	3.90	0
CO270752351+	CO1165844292	5.50	1 1-	2ACSR	0	0	1236	321	11	0	0	0.00	3.90	0
CO1754996148+	CO270752351	5.54	0 1-	2ACSR	0	0	1228	321	0	0	0	0.00	3.90	0
CO-198707565+	CO1165844292	5.46	3 1-	4ACSR	0	0	1244	322	24	1	1	0.00	3.90	0
CO16198+	CO-198707565	5.74	3 1-	4ACSR	0	0	1181	316	24	1	1	0.01	3.90	0
CO16196+	CO16198	6.07	1 1-	4ACSR	0	0	1115	310	12	0	1	0.00	3.91	0
CO16041+	CO16040	5.54	759 3-	4/0ACSR	1543	1441	1243	323	4693	108	32	0.10	3.99	643
CO16071+	CO16041	5.57	2 1-	4ACSR	0	0	1234	322	12	0	1	0.00	3.99	0
CO16189+	CO16041	5.62	757 3-	4/0ACSR	1532	1429	1232	322	4678	108	32	0.04	4.03	271
CO16190+	CO16189	5.63	757 3-	4/0ACSR	1530	1427	1230	322	4676	108	32	0.01	4.04	48
CO16255+	CO16190	5.64	4 1-	4ACSR	0	0	1228	322	36	2	2	0.00	4.04	0
OC488+	CO16255	5.64	4 1-	10 N FUSE	0	0	1228	322	36	2	25	0.00	4.04	0
CO16256+	OC488	5.65	4 1-	4ACSR	0	0	1225	322	36	2	2	0.00	4.04	0
CO16191+	CO16256	5.73	3 1-	4ACSR	0	0	1207	320	24	1	1	0.00	4.04	0
CO16192+	CO16191	5.75	2 1-	4ACSR	0	0	1204	320	12	0	1	0.00	4.04	0
CO16193+	CO16192	5.98	2 1-	4ACSR	0	0	1156	315	12	0	1	0.00	4.05	0
CO16070+	CO16193	6.03	1 1-	4ACSR	0	0	1147	315	0	0	0	0.00	4.05	0
CO16194+	CO16193	6.07	1 1-	4ACSR	0	0	1137	314	12	0	1	0.00	4.05	0
CO16195+	CO16194	6.10	1 1-	4ACSR	0	0	1132	313	12	0	1	0.00	4.05	0
CO16185+	CO16190	5.87	753 3-	4/0ACSR	1497	1395	1199	321	4640	107	32	0.12	4.16	787
CO16186+	CO16185	6.05	753 3-	4/0ACSR	1473	1371	1176	320	4636	107	32	0.09	4.25	598
CO16187+	CO16186	6.18	753 3-	4/0ACSR	1456	1354	1160	319	4633	107	32	0.07	4.32	440
CO16183+	CO16187	6.23	2 1-	6ACWC	0	0	1150	318	15	1	1	0.00	4.32	0
CO16184+	CO16183	6.33	1 1-	6ACWC	0	0	1130	316	9	0	0	0.00	4.32	0
CO16188+	CO16187	6.37	751 3-	4/0ACSR	1432	1330	1137	318	4616	107	32	0.10	4.42	625
CO16234+	CO16188	6.91	751 3-	4/0ACSR	1368	1267	1078	314	4613	107	32	0.28	4.70	1781
CO16179+	CO16234	7.29	751 3-	4/0ACSR	1326	1226	1039	312	4605	107	32	0.19	4.89	1245
CO16023+	CO16179	7.60	740 3-	4/0ACSR	1293	1194	1009	310	4541	105	31	0.16	5.05	1021

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16243+	CO16023	7.61	73 1-	4ACSR	0	0	1008	310	457	32	23	0.00	5.06	4
OC496+	CO16243	7.61	73 1-	70 L OCR	0	0	1008	310	457	32	46	0.00	5.06	0
XFMR31	OC496	7.61	73 1-	333 KVA 1PH AUT	0	0	837	172	457	32	141	1.24	6.30	0
CO16244	XFMR31	7.64	73 1-	4ACSR	0	0	831	171	457	65	46	0.09	6.39	71
CO16160	CO16244	7.82	73 1-	4ACSR	0	0	801	169	457	65	46	0.53	6.92	405
CO16155	CO16160	7.89	67 1-	4ACSR	0	0	789	168	418	59	43	0.19	7.10	129
CO16156	CO16155	7.94	65 1-	4ACSR	0	0	782	168	404	57	41	0.12	7.22	82
CO16152	CO16156	7.97	65 1-	4ACSR	0	0	776	168	403	57	41	0.09	7.32	62
CO16150	CO16152	8.02	61 1-	4ACSR	0	0	769	167	376	53	38	0.11	7.42	69
CO16151	CO16150	8.05	58 1-	4ACSR	0	0	764	167	338	48	35	0.07	7.49	38
CO16026	CO16151	8.20	54 1-	4ACSR	0	0	740	165	302	43	31	0.30	7.79	152
CO16056	CO16026	8.23	1 1-	4ACSR	0	0	735	165	12	1	1	0.00	7.79	0
CO16027	CO16026	8.23	52 1-	4ACSR	0	0	734	165	288	41	30	0.06	7.85	30
CO16147	CO16027	8.31	4 1-	4ACSR	0	0	723	164	46	6	5	0.02	7.87	0
CO16148	CO16147	8.35	4 1-	4ACSR	0	0	717	164	46	6	5	0.01	7.88	0
CO16149	CO16148	8.41	2 1-	4ACSR	0	0	708	163	16	2	2	0.00	7.88	0
CO16145	CO16027	8.25	48 1-	4ACSR	0	0	732	165	242	34	25	0.03	7.88	12
CO16146	CO16145	8.30	48 1-	4ACSR	0	0	725	164	242	34	25	0.07	7.95	27
CO16144	CO16146	8.35	45 1-	4ACSR	0	0	717	164	231	33	24	0.08	8.03	30
CO16235	CO16144	8.41	42 1-	4ACSR	0	0	709	163	205	29	21	0.07	8.10	25
CO16236	CO16235	8.44	41 1-	4ACSR	0	0	703	163	192	27	20	0.05	8.15	15
CO16033	CO16236	8.49	40 1-	4ACSR	0	0	697	162	182	26	19	0.05	8.20	16
CO16062	CO16033	8.51	2 1-	4ACSR	0	0	692	162	9	1	1	0.00	8.20	0
CO16032	CO16033	8.65	38 1-	4ACSR	0	0	673	161	173	24	18	0.19	8.38	55
CO16028	CO16032	8.69	37 1-	4ACSR	0	0	668	160	171	24	18	0.04	8.42	12
CO16059	CO16028	8.86	0 1-	4ACSR	0	0	645	159	0	0	0	0.00	8.42	0
CO16140	CO16028	8.75	37 1-	4ACSR	0	0	659	160	171	24	18	0.07	8.50	21
CO16141	CO16140	8.81	36 1-	4ACSR	0	0	651	159	167	24	17	0.06	8.56	18
CO16139	CO16141	8.83	34 1-	4ACSR	0	0	649	159	157	22	16	0.02	8.57	4
CO16138	CO16139	8.86	30 1-	4ACSR	0	0	645	159	150	21	16	0.03	8.60	7
CO16133	CO16138	9.03	28 1-	4ACSR	0	0	623	157	145	20	15	0.16	8.77	41
CO16134	CO16133	9.06	28 1-	4ACSR	0	0	620	157	145	20	15	0.03	8.79	6
CO16029	CO16134	9.15	8 1-	4ACSR	0	0	608	156	71	10	7	0.04	8.84	5
CO16030	CO16029	9.24	3 1-	4ACSR	0	0	598	155	25	3	3	0.01	8.85	0
CO16121	CO16030	9.29	1 1-	4ACSR	0	0	592	155	9	1	1	0.00	8.85	0
CO16245	CO16121	9.32	0 1-	4ACSR	0	0	588	154	0	0	0	0.00	8.85	0
SW497-B	CO16245	9.32	0 1-	Open	0	0	588	154	0	0	0	0.00	8.85	0
CO16066	CO16030	9.28	1 1-	4ACSR	0	0	593	155	0	0	0	0.00	8.85	0
CO16053	CO16029	9.23	1 1-	4ACSR	0	0	599	155	9	1	1	0.00	8.84	0
CO16068	CO16029	9.18	4 1-	4ACSR	0	0	605	156	36	5	4	0.00	8.84	0
CO16065	CO16134	9.15	5 1-	4ACSR	0	0	609	156	11	1	1	0.00	8.80	0
CO16249	CO16134	9.06	12 1-	4ACSR	0	0	619	157	56	8	6	0.00	8.79	0
OC489	CO16249	9.06	12 1-	25 H OCR	0	0	619	157	56	8	32	0.00	8.79	0
CO16250	OC489	9.13	12 1-	4ACSR	0	0	610	156	56	8	6	0.02	8.82	2
CO16122	CO16250	9.18	10 1-	4ACSR	0	0	605	156	52	7	5	0.01	8.83	0
CO16123	CO16122	9.22	9 1-	4ACSR	0	0	600	155	49	7	5	0.01	8.85	0
CO16124	CO16123	9.36	7 1-	4ACSR	0	0	584	154	43	6	4	0.04	8.89	3
CO16125	CO16124	9.44	7 1-	4ACSR	0	0	575	153	43	6	4	0.02	8.91	0
CO16128	CO16125	9.67	6 1-	4ACSR	0	0	550	151	30	4	3	0.05	8.95	2
CO16129	CO16128	9.75	5 1-	4ACSR	0	0	542	150	30	4	3	0.02	8.97	0
CO16130	CO16129	9.82	5 1-	4ACSR	0	0	535	150	30	4	3	0.01	8.98	0
CO16131	CO16130	9.86	4 1-	4ACSR	0	0	531	150	30	4	3	0.01	8.99	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16132	CO16131	10.07	4 1-	4ACSR	0	0	512	148	30	4	3	0.04	9.03	0
CO17166	CO16132	10.24	4 1-	4ACSR	0	0	496	146	30	4	3	0.03	9.06	0
CO14176	CO17166	10.26	4 1-	4ACSR	0	0	495	146	30	4	3	0.00	9.06	0
CO14177	CO14176	10.41	3 1-	4ACSR	0	0	482	145	29	4	3	0.03	9.09	0
CO14183	CO14177	10.47	2 1-	4ACSR	0	0	476	144	16	2	2	0.01	9.10	0
CO14184	CO14183	10.51	2 1-	4ACSR	0	0	473	144	16	2	2	0.00	9.10	0
CO14185	CO14184	10.61	2 1-	4ACSR	0	0	466	143	16	2	2	0.01	9.11	0
CO14186	CO14185	10.78	2 1-	4ACSR	0	0	453	142	16	2	2	0.02	9.13	0
CO14146	CO14186	10.91	2 1-	4ACSR	0	0	443	141	16	2	2	0.01	9.14	0
CO14187	CO14186	10.89	0 1-	4ACSR	0	0	445	141	0	0	0	0.00	9.13	0
CO14188	CO14187	11.08	0 1-	4ACSR	0	0	431	140	0	0	0	0.00	9.13	0
CO14189	CO14188	11.14	0 1-	4ACSR	0	0	428	139	0	0	0	0.00	9.13	0
CO14191	CO14189	11.23	0 1-	4ACSR	0	0	421	139	0	0	0	0.00	9.13	0
CO14192	CO14191	11.44	0 1-	4ACSR	0	0	408	137	0	0	0	0.00	9.13	0
CO14190	CO14192	11.52	0 1-	4ACSR	0	0	404	137	0	0	0	0.00	9.13	0
CO14180	CO14177	10.48	1 1-	4ACSR	0	0	476	144	13	1	1	0.01	9.10	0
CO14181	CO14180	10.62	1 1-	4ACSR	0	0	465	143	13	1	1	0.01	9.11	0
CO14182	CO14181	10.71	1 1-	4ACSR	0	0	458	143	13	1	1	0.01	9.12	0
CO14178	CO14182	10.79	1 1-	4ACSR	0	0	452	142	13	1	1	0.01	9.13	0
CO14179	CO14178	10.84	1 1-	4ACSR	0	0	448	142	13	1	1	0.00	9.13	0
CO16126	CO16125	9.52	0 1-	4ACSR	0	0	566	152	0	0	0	0.00	8.91	0
CO16127	CO16126	9.64	0 1-	4ACSR	0	0	553	151	0	0	0	0.00	8.91	0
CO16135	CO16138	8.88	2 1-	4ACSR	0	0	642	158	5	0	1	0.00	8.60	0
CO16136	CO16135	8.91	2 1-	4ACSR	0	0	638	158	5	0	1	0.00	8.60	0
CO16064	CO16136	8.96	1 1-	4ACSR	0	0	632	158	5	0	1	0.00	8.61	0
CO16137	CO16136	8.92	0 1-	4ACSR	0	0	637	158	0	0	0	0.00	8.60	0
CO16058	CO16032	8.69	0 1-	4ACSR	0	0	668	160	0	0	0	0.00	8.38	0
CO16057	CO16236	8.48	0 1-	4ACSR	0	0	697	162	0	0	0	0.00	8.15	0
CO16142	CO16144	8.43	3 1-	4ACSR	0	0	704	163	26	3	3	0.01	8.03	0
CO16143	CO16142	8.47	2 1-	4ACSR	0	0	699	162	6	0	1	0.00	8.03	0
CO16055	CO16151	8.07	3 1-	4ACSR	0	0	761	167	24	3	2	0.00	7.49	0
CO16088	CO16150	8.06	3 1-	2ACSR	0	0	763	167	38	5	3	0.00	7.43	0
CO16153	CO16152	8.04	1 1-	4ACSR	0	0	765	167	10	1	1	0.00	7.32	0
CO16154	CO16153	8.10	0 1-	4ACSR	0	0	756	166	0	0	0	0.00	7.32	0
CO16157	CO16160	7.84	5 1-	4ACSR	0	0	799	169	35	5	4	0.00	6.92	0
CO16061	CO16157	7.87	0 1-	4ACSR	0	0	793	169	0	0	0	0.00	6.92	0
CO16158	CO16157	7.88	3 1-	4ACSR	0	0	792	169	22	3	2	0.01	6.93	0
CO16159	CO16158	7.98	3 1-	4ACSR	0	0	775	168	22	3	2	0.01	6.93	0
CO-1041065619	CO16159	8.06	1 1-	2ACSR	0	0	764	167	3	0	0	0.00	6.93	0
CO16024+	CO16023	7.66	666 3-	4/0ACSR	1287	1188	1004	310	4079	94	28	0.03	5.08	147
CO16109+	CO16024	7.95	650 3-	4/0ACSR	1259	1162	979	308	3988	92	27	0.13	5.20	716
CO16090+	CO16109	8.00	2 1-	2ACSR	0	0	972	307	12	0	0	0.00	5.20	0
CO16110+	CO16109	8.36	648 3-	4/0ACSR	1220	1126	944	306	3973	92	27	0.18	5.38	1015
CO16108+	CO16110	8.48	646 3-	4/0ACSR	1210	1117	935	305	3966	92	27	0.05	5.43	280
CO16025+	CO16108	8.55	641 3-	4/0ACSR	1203	1111	929	305	3942	92	27	0.03	5.47	184
CO16113+	CO16025	8.73	0 1-	4ACSR	0	0	906	301	0	0	0	0.00	5.47	0
CO16114+	CO16113	8.81	0 1-	4ACSR	0	0	897	300	0	0	0	0.00	5.47	0
CO16035+	CO16025	8.69	639 3-	4/0ACSR	1191	1100	919	304	3937	91	27	0.06	5.53	334
CO16034+	CO16035	8.81	637 3-	4/0ACSR	1181	1090	910	303	3934	91	27	0.05	5.58	284
CO16115+	CO16034	9.05	590 3-	4/0ACSR	1161	1071	892	302	3697	86	25	0.10	5.67	527
CO16116+	CO16115	9.24	590 3-	4/0ACSR	1146	1057	879	301	3695	86	25	0.07	5.75	395
CO30673+	CO16116	9.33	588 3-	4/0ACSR	1138	1051	872	300	3685	87	26	0.04	5.79	204

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16117+	CO30673	9.34	588 3-	4/0ACSR	1137	1050	871	300	3684	87	26	0.01	5.80	29
CO16118+	CO16117	9.42	586 3-	4/0ACSR	1131	1044	866	300	3679	87	26	0.04	5.83	179
CO16054+	CO16118	9.48	2 1-	4ACSR	0	0	859	299	0	0	0	0.00	5.83	0
CO16251+	CO16118	9.43	584 3-	4/0ACSR	1130	1043	865	300	3678	87	26	0.00	5.84	15
OC963+	CO16251	9.43	584 3-	560 200WVE	1130	1043	865	300	3678	87	16	0.00	5.84	0
CO16252+	OC963	9.44	584 3-	4/0ACSR	1129	1042	864	299	3678	87	26	0.01	5.84	27
CO17201+	CO16252	9.52	582 3-	4/0ACSR	1123	1037	859	299	3669	87	26	0.04	5.88	172
CO16413+	CO17201	9.72	581 3-	4/0ACSR	1108	1023	846	298	3660	86	26	0.09	5.96	429
CO16414+	CO16413	9.82	578 3-	4/0ACSR	1101	1016	840	297	3646	86	25	0.05	6.01	222
CO30697+	CO16414	9.97	578 3-	4/0ACSR	1090	1006	830	296	3645	86	25	0.06	6.07	310
REG331+	CO30697	9.97	577 3-	100	1090	1006	830	296	3632	86	86	-6.07	0.00	0
CO16416+	REG331	10.22	577 3-	4/0ACSR	1072	989	815	295	3632	82	24	0.11	0.11	489
CO16417+	CO16416	10.28	575 3-	4/0ACSR	1067	985	811	295	3622	82	24	0.03	0.13	128
CO16471+	CO16417	10.29	11 1-	4ACSR	0	0	810	295	82	5	4	0.00	0.13	0
OC503+	CO16471	10.29	11 1-	10 N FUSE	0	0	810	295	82	5	56	0.00	0.13	0
CO16474+	OC503	10.42	11 1-	4ACSR	0	0	798	292	82	5	4	0.01	0.15	0
CO16418+	CO16474	10.45	8 1-	4ACSR	0	0	794	292	45	3	2	0.00	0.15	0
CO16419+	CO16418	10.51	7 1-	4ACSR	0	0	789	291	32	2	2	0.00	0.15	0
CO16420+	CO16419	10.55	5 1-	4ACSR	0	0	785	290	28	1	1	0.00	0.15	0
CO16421+	CO16420	10.65	4 1-	4ACSR	0	0	775	289	22	1	1	0.00	0.16	0
CO16422+	CO16421	10.69	3 1-	4ACSR	0	0	772	288	3	0	0	0.00	0.16	0
CO17233+	CO16422	10.77	2 1-	4ACSR	0	0	764	287	0	0	0	0.00	0.16	0
CO14509+	CO17233	10.78	1 1-	4ACSR	0	0	764	286	0	0	0	0.00	0.16	0
CO14510+	CO14509	10.82	1 1-	4ACSR	0	0	759	286	0	0	0	0.00	0.16	0
CO14511+	CO14510	10.89	0 1-	4ACSR	0	0	753	285	0	0	0	0.00	0.16	0
CO16300+	CO16474	10.45	2 1-	4ACSR	0	0	795	292	19	1	1	0.00	0.15	0
CO16469+	CO16417	10.29	22 1-	2ACSR	0	0	811	295	153	10	6	0.00	0.13	0
OC502+	CO16469	10.29	22 1-	10 N FUSE	0	0	811	295	153	10	103	0.00	0.13	0
CO16470+	OC502	10.46	22 1-	2ACSR	0	0	797	293	153	10	6	0.03	0.16	6
CO16450+	CO16470	10.54	2 1-	2ACSR	0	0	790	291	23	1	1	0.00	0.16	0
CO16424+	CO16450	10.62	2 1-	2ACSR	0	0	784	291	23	1	1	0.00	0.16	0
CO16449+	CO16470	10.51	1 1-	2ACSR	0	0	792	292	13	0	0	0.00	0.16	0
CO16460+	CO16470	10.55	19 1-	2ACSR	0	0	789	291	117	7	4	0.01	0.17	0
CO16425+	CO16460	10.62	19 1-	2ACSR	0	0	783	291	117	7	4	0.01	0.18	0
CO16426+	CO16425	10.67	19 1-	2ACSR	0	0	779	290	117	7	4	0.01	0.19	0
CO16311+	CO16426	10.80	1 1-	2ACSR	0	0	769	288	1	0	0	0.00	0.19	0
CO16427+	CO16426	10.84	18 1-	2ACSR	0	0	766	288	115	7	4	0.02	0.21	4
CO16441+	CO16427	10.91	7 1-	2ACSR	0	0	761	287	36	2	1	0.00	0.21	0
CO16442+	CO16441	10.98	7 1-	2ACSR	0	0	755	286	36	2	1	0.00	0.21	0
CO2072309943+	CO16442	11.01	1 1-	2ACSR	0	0	754	286	2	0	0	0.00	0.21	0
CO16443+	CO16442	11.06	6 1-	2ACSR	0	0	749	285	34	2	1	0.00	0.22	0
CO16444+	CO16443	11.10	6 1-	2ACSR	0	0	747	285	34	2	1	0.00	0.22	0
CO16305+	CO16444	11.20	1 1-	2ACSR	0	0	739	284	0	0	0	0.00	0.22	0
CO16446+	CO16444	11.18	5 1-	2ACSR	0	0	741	284	34	2	1	0.00	0.22	0
CO16445+	CO16446	11.24	1 1-	2ACSR	0	0	737	283	24	1	1	0.00	0.22	0
CO16447+	CO16446	11.24	4 1-	2ACSR	0	0	737	283	10	0	0	0.00	0.22	0
CO16448+	CO16447	11.30	3 1-	2ACSR	0	0	732	283	10	0	0	0.00	0.22	0
CO-1955829065+	CO16448	11.35	0 1-	2ACSR	0	0	729	282	0	0	0	0.00	0.22	0
CO16309+	CO16448	11.37	2 1-	2ACSR	0	0	728	282	6	0	0	0.00	0.22	0
CO1047302104+	CO16448	11.42	1 1-	2ACSR	0	0	724	281	4	0	0	0.00	0.22	0
CO16435+	CO16427	10.93	3 1-	2ACSR	0	0	759	287	1	0	0	0.00	0.21	0
CO16436+	CO16435	11.01	3 1-	2ACSR	0	0	754	286	1	0	0	0.00	0.21	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16437+	CO16436	11.04	3 1-	2ACSR	0	0	751	286	1	0	0	0.00	0.21	0
CO16439+	CO16437	11.11	3 1-	2ACSR	0	0	746	285	1	0	0	0.00	0.21	0
CO16308+	CO16439	11.16	1 1-	2ACSR	0	0	743	284	0	0	0	0.00	0.21	0
CO16440+	CO16439	11.14	2 1-	2ACSR	0	0	744	285	1	0	0	0.00	0.21	0
CO16438+	CO16440	11.19	1 1-	2ACSR	0	0	740	284	0	0	0	0.00	0.21	0
CO16428+	CO16427	10.94	8 1-	2ACSR	0	0	759	287	78	5	3	0.01	0.22	0
CO16429+	CO16428	10.99	8 1-	2ACSR	0	0	755	286	78	5	3	0.00	0.22	0
CO16430+	CO16429	11.02	8 1-	2ACSR	0	0	752	286	78	5	3	0.00	0.22	0
CO16431+	CO16430	11.10	7 1-	2ACSR	0	0	747	285	64	4	2	0.01	0.23	0
CO16433+	CO16431	11.21	7 1-	2ACSR	0	0	739	284	64	4	2	0.01	0.24	0
CO16434+	CO16433	11.30	6 1-	2ACSR	0	0	733	283	54	3	2	0.01	0.24	0
CO16475+	CO16434	11.34	6 1-	2ACSR	0	0	730	282	54	3	2	0.00	0.24	0
CO16307+	CO16475	11.40	1 1-	2ACSR	0	0	725	282	15	1	1	0.00	0.24	0
CO16432+	CO16475	11.43	4 1-	2ACSR	0	0	723	281	28	1	1	0.00	0.24	0
CO17232+	CO16432	11.51	2 1-	2ACSR	0	0	718	280	4	0	0	0.00	0.24	0
CO14507+	CO17232	11.56	1 1-	2ACSR	0	0	714	280	4	0	0	0.00	0.24	0
CO14508+	CO14507	11.64	1 1-	2ACSR	0	0	709	279	4	0	0	0.00	0.25	0
CO16306+	CO16432	11.49	1 1-	2ACSR	0	0	719	281	9	0	0	0.00	0.24	0
CO16304+	CO16433	11.28	1 1-	2ACSR	0	0	734	283	10	0	0	0.00	0.24	0
CO16423+	CO16417	10.34	538 3-	4/0ACSR	1064	982	808	294	3370	76	22	0.02	0.15	90
CO17230+	CO16423	10.40	536 3-	4/0ACSR	1059	978	804	294	3357	76	22	0.02	0.18	105
CO14383+	CO17230	10.51	535 3-	4/0ACSR	1052	971	798	293	3346	75	22	0.04	0.22	182
CO14534+	CO14383	10.52	3 1-	4ACSR	0	0	797	293	23	1	1	0.00	0.22	0
OC416+	CO14534	10.52	3 1-	10 N FUSE	0	0	797	293	23	1	15	0.00	0.22	0
CO14535+	OC416	10.63	3 1-	4ACSR	0	0	786	291	23	1	1	0.00	0.22	0
CO14385+	CO14535	10.69	2 1-	4ACSR	0	0	781	290	2	0	0	0.00	0.23	0
CO14387+	CO14385	10.87	2 1-	4ACSR	0	0	764	287	2	0	0	0.00	0.23	0
CO14388+	CO14387	10.91	1 1-	4ACSR	0	0	760	287	0	0	0	0.00	0.23	0
CO14389+	CO14388	11.12	1 1-	4ACSR	0	0	742	283	0	0	0	0.00	0.23	0
CO14384+	CO14535	10.73	1 1-	4ACSR	0	0	777	290	21	1	1	0.00	0.23	0
CO14386+	CO14384	10.96	0 1-	4ACSR	0	0	756	286	0	0	0	0.00	0.23	0
CO14390+	CO14386	11.24	0 1-	4ACSR	0	0	731	281	0	0	0	0.00	0.23	0
CO14391+	CO14390	11.58	0 1-	4ACSR	0	0	702	276	0	0	0	0.00	0.23	0
CO14334+	CO14383	10.59	531 3-	4/0ACSR	1047	966	793	293	3319	75	22	0.03	0.25	123
CO14392+	CO14334	10.68	523 3-	4/0ACSR	1040	960	788	292	3270	74	22	0.04	0.29	150
CO14393+	CO14392	10.93	522 3-	4/0ACSR	1024	945	774	291	3265	74	22	0.09	0.38	389
CO14394+	CO14393	11.08	522 3-	4/0ACSR	1014	936	766	290	3263	74	22	0.06	0.44	242
CO14395+	CO14394	11.12	521 3-	4/0ACSR	1012	934	764	290	3262	74	22	0.01	0.45	60
CO14364+	CO14395	11.20	5 1-	4ACSR	0	0	757	289	29	1	1	0.00	0.45	0
CO-1515064647+	CO14364	11.30	3 1-	2ACSR	0	0	750	287	28	1	1	0.00	0.46	0
CO1617575644+	CO-1515064647	11.32	2 1-	2ACSR	0	0	748	287	20	1	1	0.00	0.46	0
CO14359+	CO1617575644	11.37	1 1-	6ACWC	0	0	744	286	7	0	0	0.00	0.46	0
CO14545+	CO1617575644	11.33	1 1-	6ACWC	0	0	747	287	13	0	1	0.00	0.46	0
CO1228628199+	CO-1515064647	11.33	1 1-	2ACSR	0	0	748	287	8	0	0	0.00	0.46	0
CO14361+	CO1228628199	11.38	1 1-	6ACWC	0	0	743	286	8	0	0	0.00	0.46	0
CO14360+	CO1228628199	11.52	0 1-	6ACWC	0	0	732	284	0	0	0	0.00	0.46	0
CO1653933253+	CO14360	11.60	0 1-	2ACSR	0	0	726	283	0	0	0	0.00	0.46	0
CO14363+	CO14395	11.18	0 1-	4ACSR	0	0	759	289	0	0	0	0.00	0.45	0
CO14362+	CO14395	11.16	1 1-	4ACSR	0	0	761	289	3	0	0	0.00	0.45	0
CO14335+	CO14395	11.16	515 3-	4/0ACSR	1010	932	762	290	3229	73	22	0.01	0.46	59
CO14336+	CO14335	11.24	514 3-	4/0ACSR	1004	927	758	289	3221	73	22	0.03	0.50	131
CO14368+	CO14336	11.38	0 1-	4ACSR	0	0	745	287	0	0	0	0.00	0.50	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14337+	CO14336	11.31	514 3-	4/0ACSR	1000	923	754	289	3220	73	22	0.02	0.52	102
CO14516+	CO14337	11.33	4 1-	4ACSR	0	0	753	289	17	1	1	0.00	0.52	0
CO14521+	CO14516	11.40	2 1-	4ACSR	0	0	747	287	5	0	0	0.00	0.52	0
CO14396+	CO14521	11.47	1 1-	4ACSR	0	0	740	286	5	0	0	0.00	0.52	0
CO14397+	CO14396	11.51	1 1-	4ACSR	0	0	737	286	5	0	0	0.00	0.52	0
CO14522+	CO14521	11.41	0 1-	4ACSR	0	0	745	287	0	0	0	0.00	0.52	0
CO14517+	CO14516	11.35	2 1-	4ACSR	0	0	751	288	12	0	1	0.00	0.52	0
CO14338+	CO14337	11.40	508 3-	4/0ACSR	995	918	749	288	3192	72	21	0.03	0.56	143
CO14339+	CO14338	11.48	508 3-	4/0ACSR	990	914	746	288	3191	72	21	0.03	0.58	115
CO14398+	CO14339	11.63	4 1-	4ACSR	0	0	733	285	33	2	2	0.01	0.59	0
CO14399+	CO14398	11.68	1 1-	4ACSR	0	0	729	285	14	0	1	0.00	0.59	0
CO14340+	CO14339	11.52	504 3-	4/0ACSR	988	912	744	288	3158	71	21	0.01	0.60	56
CO14341+	CO14340	11.66	504 3-	4/0ACSR	979	904	737	287	3158	71	21	0.05	0.65	210
CO14538+	CO14341	11.67	10 1-	4ACSR	0	0	736	287	40	2	2	0.00	0.65	0
OC418+	CO14538	11.67	10 1-	10 N FUSE	0	0	736	287	40	2	27	0.00	0.65	0
CO14539+	OC418	11.76	10 1-	4ACSR	0	0	729	285	40	2	2	0.01	0.65	0
CO14402+	CO14539	11.81	10 1-	4ACSR	0	0	724	285	40	2	2	0.00	0.66	0
CO14403+	CO14402	11.86	9 1-	4ACSR	0	0	720	284	28	1	1	0.00	0.66	0
CO14342+	CO14403	11.99	6 1-	4ACSR	0	0	709	282	24	1	1	0.00	0.66	0
CO14374+	CO14342	12.10	1 1-	4ACSR	0	0	701	280	3	0	0	0.00	0.66	0
CO14404+	CO14342	12.54	3 1-	4ACSR	0	0	668	273	16	1	1	0.01	0.68	0
CO14405+	CO14404	12.63	3 1-	4ACSR	0	0	662	272	16	1	1	0.00	0.68	0
CO14365+	CO14405	12.73	1 1-	4ACSR	0	0	654	270	1	0	0	0.00	0.68	0
CO14406+	CO14405	12.68	2 1-	4ACSR	0	0	658	271	15	0	1	0.00	0.68	0
CO14407+	CO14406	12.77	1 1-	4ACSR	0	0	651	270	3	0	0	0.00	0.68	0
CO14367+	CO14403	12.04	1 1-	4ACSR	0	0	706	281	0	0	0	0.00	0.66	0
CO14366+	CO14403	11.90	2 1-	4ACSR	0	0	717	283	4	0	0	0.00	0.66	0
CO14408+	CO14341	11.73	493 3-	4/0ACSR	975	900	733	287	3112	70	21	0.03	0.68	109
CO14409+	CO14408	11.93	493 3-	4/0ACSR	963	889	723	285	3111	70	21	0.07	0.75	287
CO14410+	CO14409	12.17	493 3-	4/0ACSR	950	877	712	284	3110	70	21	0.09	0.83	341
CO14411+	CO14410	12.18	493 3-	4/0ACSR	950	876	712	284	3108	70	21	0.00	0.84	12
CO14412+	CO14411	12.20	492 3-	4/0ACSR	949	875	711	284	3089	70	21	0.01	0.84	29
CO1939200041+	CO14412	12.47	6 1-	2ACSR	0	0	693	281	42	2	2	0.01	0.85	0
CO1050452046+	CO1939200041	12.51	6 1-	2ACSR	0	0	691	280	42	2	2	0.00	0.86	0
CO14527+	CO1050452046	12.60	4 1-	1/0ACSR	0	0	687	280	28	1	1	0.00	0.86	0
CO14380+	CO14527	12.62	0 1-	4ACSR	0	0	685	279	0	0	0	0.00	0.86	0
CO14519+	CO14527	12.64	0 1-	1/0ACSR	0	0	684	279	0	0	0	0.00	0.86	0
CO14518+	CO1050452046	12.60	1 1-	4ACSR	0	0	684	279	12	0	1	0.00	0.86	0
CO-1362390616+	CO1050452046	12.60	1 1-	2ACSR	0	0	686	279	2	0	0	0.00	0.86	0
CO678352651+	CO-1362390616	12.67	1 1-	2ACSR	0	0	681	279	2	0	0	0.00	0.86	0
CO14401+	CO678352651	12.75	1 1-	4ACSR	0	0	676	278	2	0	0	0.00	0.86	0
CO850033707+	CO-1362390616	12.70	0 1-	2ACSR	0	0	680	278	0	0	0	0.00	0.86	0
CO-429835177+	CO14412	12.23	485 3-	2ACSR	946	873	709	284	3040	69	38	0.03	0.87	133
CO1185430380+	CO-429835177	12.60	485 3-	2ACSR	917	848	686	279	3040	69	38	0.33	1.20	1605
CO14415+	CO1185430380	12.81	485 3-	4/0ACSR	906	838	677	278	3032	69	20	0.08	1.28	300
CO14370+	CO14415	12.85	2 1-	4ACSR	0	0	674	278	15	1	1	0.00	1.28	0
CO14425+	CO14415	13.08	54 3-	4/0ACSR	892	825	666	277	459	10	3	0.01	1.29	8
CO14426+	CO14425	13.18	54 3-	4/0ACSR	888	821	662	276	458	10	3	0.00	1.30	3
CO14427+	CO14426	13.22	54 3-	4/0ACSR	885	819	660	276	458	10	3	0.00	1.30	0
CO14378+	CO14427	13.27	2 1-	4ACSR	0	0	657	275	171	11	8	0.01	1.31	0
CO14428+	CO14427	13.25	52 1-	6ACWC	0	0	658	276	288	19	14	0.01	1.31	6
CO14429+	CO14428	13.26	52 1-	6ACWC	0	0	657	276	288	19	14	0.00	1.32	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
XFMR34	CO14429	13.26	51 1-	333 KVA 1PH AUT	0	0	691	166	279	19	83	0.71	2.03	0
CO14430	XFMR34	13.34	51 1-	6ACWC	0	0	681	166	279	38	27	0.12	2.15	54
CO14431	CO14430	13.39	49 1-	6ACWC	0	0	674	165	256	35	25	0.09	2.24	37
CO14346	CO14431	13.43	48 1-	6ACWC	0	0	670	165	245	33	24	0.06	2.30	23
CO14432	CO14346	13.46	0 1-	4ACSR	0	0	666	164	0	0	0	0.00	2.30	0
CO14546	CO14432	13.57	0 1-	4ACSR	0	0	653	163	0	0	0	0.00	2.30	0
CO14530	CO14346	13.44	48 1-	6ACWC	0	0	669	165	245	33	24	0.01	2.31	4
OC414	CO14530	13.44	48 1-	50 H OCR	0	0	669	165	245	33	67	0.00	2.31	0
CO14531	OC414	13.48	48 1-	6ACWC	0	0	664	164	245	33	24	0.06	2.37	24
CO14433	CO14531	13.59	48 1-	6ACWC	0	0	650	163	245	33	24	0.17	2.54	68
CO14434	CO14433	13.72	48 1-	6ACWC	0	0	635	162	245	33	24	0.20	2.74	78
CO14547	CO14434	13.86	48 1-	6ACWC	0	0	619	160	244	33	24	0.21	2.94	82
CO14548	CO14547	14.03	48 1-	6ACWC	0	0	601	159	244	33	24	0.26	3.20	103
CO14549	CO14548	14.21	47 1-	6ACWC	0	0	581	157	243	33	24	0.27	3.47	108
CO14435	CO14549	14.27	47 1-	6ACWC	0	0	576	157	243	33	24	0.09	3.56	34
CO14436	CO14435	14.38	47 1-	6ACWC	0	0	564	155	243	33	24	0.17	3.73	69
CO14437	CO14436	14.39	47 1-	6ACWC	0	0	563	155	243	33	24	0.01	3.75	5
CO14354	CO14437	14.52	1 1-	6ACWC	0	0	550	154	6	0	1	0.00	3.75	0
CO14438	CO14437	14.46	46 1-	6ACWC	0	0	556	155	237	32	24	0.11	3.86	44
CO14439	CO14438	14.64	46 1-	6ACWC	0	0	539	153	237	32	24	0.25	4.11	98
CO14440	CO14439	14.75	46 1-	6ACWC	0	0	529	152	236	32	24	0.17	4.28	63
CO14330	CO14440	15.15	0 1-	6ACWC	0	0	495	149	0	0	0	0.00	4.28	0
CO14441	CO14440	14.92	45 1-	6ACWC	0	0	514	151	228	31	23	0.24	4.52	88
CO14442	CO14441	15.07	42 1-	6ACWC	0	0	501	149	218	30	22	0.21	4.72	75
CO14443	CO14442	15.13	40 1-	6ACWC	0	0	496	149	217	30	22	0.08	4.80	27
CO14331	CO14443	15.18	39 1-	6ACWC	0	0	492	148	202	28	20	0.07	4.87	24
CO14444	CO14331	15.36	2 1-	6ACWC	0	0	478	147	3	0	0	0.00	4.88	0
CO14445	CO14444	15.46	2 1-	6ACWC	0	0	470	146	3	0	0	0.00	4.88	0
CO14514	CO14445	15.58	1 1-	6ACWC	0	0	461	145	2	0	0	0.00	4.88	0
CO14355	CO14514	15.64	0 1-	6ACWC	0	0	457	145	0	0	0	0.00	4.88	0
CO14515	CO14514	15.71	1 1-	6ACWC	0	0	452	144	2	0	0	0.00	4.88	0
CO14446	CO14445	15.59	1 1-	6ACWC	0	0	460	145	1	0	0	0.00	4.88	0
CO14447	CO14446	15.69	1 1-	6ACWC	0	0	454	144	1	0	0	0.00	4.88	0
CO14332	CO14331	15.28	35 1-	6ACWC	0	0	484	148	187	26	19	0.11	4.98	34
CO14333	CO14332	15.42	33 1-	6ACWC	0	0	473	146	174	24	17	0.16	5.14	46
CO14327	CO14333	15.89	11 1-	6ACWC	0	0	440	143	36	5	4	0.11	5.25	6
CO14351	CO14327	15.93	0 1-	6ACWC	0	0	437	142	0	0	0	0.00	5.25	0
CO14489	CO14327	16.02	11 1-	6ACWC	0	0	431	142	36	5	4	0.03	5.28	0
CO14490	CO14489	16.16	11 1-	6ACWC	0	0	422	141	36	5	4	0.03	5.31	0
CO17168	CO14490	16.33	1 1-	6ACWC	0	0	411	139	0	0	0	0.00	5.31	0
CO16327	CO17168	16.43	1 1-	6ACWC	0	0	406	139	0	0	0	0.00	5.31	0
CO16328	CO16327	16.54	1 1-	6ACWC	0	0	399	138	0	0	0	0.00	5.31	0
CO16329	CO16328	16.59	1 1-	6ACWC	0	0	396	137	0	0	0	0.00	5.31	0
CO16330	CO16329	16.66	1 1-	6ACWC	0	0	392	137	0	0	0	0.00	5.31	0
CO16331	CO16330	16.73	1 1-	6ACWC	0	0	389	136	0	0	0	0.00	5.31	0
CO16332	CO16331	16.79	1 1-	6ACWC	0	0	386	136	0	0	0	0.00	5.31	0
CO16333	CO16332	16.84	1 1-	6ACWC	0	0	383	136	0	0	0	0.00	5.31	0
CO14328	CO14490	16.38	10 1-	6ACWC	0	0	409	139	36	5	4	0.05	5.36	3
CO14491	CO14328	16.49	9 1-	6ACWC	0	0	402	138	36	5	4	0.02	5.39	0
CO17231	CO14491	16.72	8 1-	6ACWC	0	0	389	136	33	4	3	0.04	5.43	2
CO16452	CO17231	16.74	4 1-	6ACWC	0	0	388	136	22	3	2	0.00	5.43	0
CO16451	CO16452	16.79	4 1-	6ACWC	0	0	386	136	22	3	2	0.01	5.44	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16453	CO16451	16.90	3 1-	6ACWC	0	0	380	135	18	2	2	0.01	5.45	0
CO16454	CO16453	16.94	2 1-	6ACWC	0	0	377	135	16	2	2	0.00	5.45	0
CO16455	CO16454	16.97	1 1-	6ACWC	0	0	376	135	13	1	1	0.00	5.46	0
CO16456	CO16455	17.03	1 1-	6ACWC	0	0	373	134	13	1	1	0.01	5.46	0
CO16457	CO16456	17.05	1 1-	6ACWC	0	0	372	134	13	1	1	0.00	5.46	0
CO16282	CO16451	16.91	1 1-	6ACWC	0	0	379	135	4	0	0	0.00	5.44	0
CO2001466264	CO17231	16.76	1 1-	2ACSR	0	0	387	136	6	0	0	0.00	5.43	0
CO14329	CO14328	17.01	1 1-	6ACWC	0	0	374	134	0	0	0	0.00	5.36	0
CO14352	CO14329	17.18	0 1-	6ACWC	0	0	366	133	0	0	0	0.00	5.36	0
CO14492	CO14329	17.14	1 1-	6ACWC	0	0	368	134	0	0	0	0.00	5.36	0
CO14493	CO14492	17.38	0 1-	6ACWC	0	0	356	132	0	0	0	0.00	5.36	0
CO1975085678	CO14493	17.54	0 1-	2ACSR	0	0	350	131	0	0	0	0.00	5.36	0
CO555388953	CO1975085678	17.57	0 1-	2ACSR	0	0	349	131	0	0	0	0.00	5.36	0
CO14326	CO14333	15.64	9 1-	6ACWC	0	0	457	145	65	9	7	0.09	5.23	10
CO14529	CO14326	15.65	6 1-	6ACWC	0	0	456	145	46	6	5	0.00	5.23	0
OC413	CO14529	15.65	6 1-	15 H OCR	0	0	456	145	46	6	43	0.00	5.23	0
CO14528	OC413	15.69	6 1-	6ACWC	0	0	453	144	46	6	5	0.01	5.25	0
CO14451	CO14528	15.75	6 1-	6ACWC	0	0	449	144	46	6	5	0.02	5.26	0
CO14452	CO14451	15.80	6 1-	6ACWC	0	0	445	143	46	6	5	0.02	5.28	0
CO14453	CO14452	16.05	6 1-	6ACWC	0	0	429	141	45	6	5	0.07	5.35	5
CO14454	CO14453	16.22	6 1-	6ACWC	0	0	418	140	45	6	5	0.05	5.40	4
CO14456	CO14454	16.31	6 1-	6ACWC	0	0	413	139	45	6	5	0.03	5.42	0
CO14455	CO14456	16.38	6 1-	6ACWC	0	0	409	139	45	6	5	0.02	5.44	0
CO14458	CO14455	16.45	3 1-	6ACWC	0	0	404	138	29	4	3	0.01	5.45	0
CO14459	CO14458	16.50	2 1-	6ACWC	0	0	402	138	17	2	2	0.00	5.46	0
CO-210914710	CO14459	16.57	1 1-	2ACSR	0	0	399	138	5	0	0	0.00	5.46	0
CO367230309	CO-210914710	16.62	1 1-	2ACSR	0	0	396	137	5	0	0	0.00	5.46	0
CO14457	CO14459	16.54	1 1-	6ACWC	0	0	399	138	12	1	1	0.00	5.46	0
CO14461	CO14455	16.56	3 1-	6ACWC	0	0	398	138	17	2	2	0.02	5.46	0
CO14460	CO14461	16.77	3 1-	6ACWC	0	0	387	136	17	2	2	0.02	5.48	0
CO14543	CO14460	16.99	0 1-	6ACWC	0	0	375	135	0	0	0	0.00	5.48	0
CO14542	CO14543	16.99	0 1-	6ACWC	0	0	375	135	0	0	0	0.00	5.48	0
SW420-A	CO14542	16.99	0 1-	Open	0	0	375	135	0	0	0	0.00	5.48	0
CO14462	CO14460	16.86	2 1-	6ACWC	0	0	382	135	17	2	2	0.01	5.49	0
CO14463	CO14462	16.96	1 1-	6ACWC	0	0	377	135	12	1	1	0.00	5.50	0
CO14381	CO14326	15.73	1 1-	2ACSR	0	0	452	144	4	0	0	0.00	5.23	0
CO14350	CO14326	15.72	2 1-	6ACWC	0	0	451	144	16	2	2	0.00	5.24	0
CO14473	CO14333	15.68	13 1-	6ACWC	0	0	454	144	73	10	7	0.12	5.26	14
CO14474	CO14473	15.88	13 1-	6ACWC	0	0	441	143	73	10	7	0.09	5.35	11
CO14475	CO14474	16.26	13 1-	6ACWC	0	0	416	140	73	10	7	0.17	5.52	21
CO14476	CO14475	16.34	13 1-	6ACWC	0	0	411	139	72	10	7	0.04	5.56	5
CO17169	CO14476	16.48	2 1-	6ACWC	0	0	403	138	4	0	0	0.00	5.57	0
CO16337	CO17169	16.71	1 1-	6ACWC	0	0	390	137	0	0	0	0.00	5.57	0
CO16338	CO16337	16.81	1 1-	6ACWC	0	0	385	136	0	0	0	0.00	5.57	0
CO16284	CO16338	16.96	0 1-	6ACWC	0	0	377	135	0	0	0	0.00	5.57	0
CO16283	CO16338	16.89	1 1-	6ACWC	0	0	380	135	0	0	0	0.00	5.57	0
CO16334	CO17169	16.60	1 1-	4ACSR	0	0	396	137	4	0	0	0.00	5.57	0
CO16335	CO16334	16.64	1 1-	4ACSR	0	0	394	137	4	0	0	0.00	5.57	0
CO16336	CO16335	16.69	0 1-	4ACSR	0	0	391	137	0	0	0	0.00	5.57	0
CO14477	CO14476	16.40	11 1-	6ACWC	0	0	407	139	68	9	7	0.03	5.59	3
CO14478	CO14477	16.58	11 1-	6ACWC	0	0	397	137	68	9	7	0.08	5.67	9
CO14550	CO14478	16.69	1 1-	4ACSR	0	0	391	137	1	0	0	0.00	5.67	0

Substation Power Factor: 0.98

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14512	CO14478	16.63	8 1-	6ACWC	0	0	394	137	54	7	5	0.02	5.68	0
CO14382	CO14512	16.68	1 1-	2ACSR	0	0	392	137	4	0	0	0.00	5.68	0
CO14513	CO14512	16.76	7 1-	6ACWC	0	0	387	136	50	7	5	0.04	5.72	3
CO14482	CO14513	16.82	1 1-	6ACWC	0	0	384	136	12	1	1	0.01	5.73	0
CO14488	CO14482	16.87	1 1-	6ACWC	0	0	381	135	12	1	1	0.00	5.73	0
CO14486	CO14513	16.81	4 1-	6ACWC	0	0	384	136	18	2	2	0.01	5.73	0
CO14487	CO14486	16.89	3 1-	6ACWC	0	0	380	135	11	1	1	0.01	5.73	0
CO14483	CO14487	16.98	3 1-	6ACWC	0	0	375	135	11	1	1	0.01	5.74	0
CO14484	CO14483	17.01	3 1-	6ACWC	0	0	374	134	11	1	1	0.00	5.74	0
CO14485	CO14484	17.05	3 1-	6ACWC	0	0	372	134	11	1	1	0.00	5.74	0
CO14480	CO14513	16.80	1 1-	2ACSR	0	0	386	136	7	0	1	0.00	5.72	0
CO14481	CO14480	16.86	1 1-	2ACSR	0	0	383	136	7	0	1	0.00	5.72	0
CO14353	CO14513	16.86	1 1-	6ACWC	0	0	382	135	13	1	1	0.00	5.73	0
CO14479	CO14478	16.63	2 1-	2ACSR	0	0	395	137	13	1	1	0.00	5.67	0
CO14525	CO14479	16.83	2 1-	2ACSR	0	0	386	136	13	1	1	0.01	5.68	0
CO14526	CO14525	16.87	1 1-	2ACSR	0	0	384	136	12	1	1	0.00	5.68	0
CO14449	CO14332	15.38	2 1-	4ACSR	0	0	476	147	12	1	1	0.00	4.99	0
CO14357	CO14331	15.21	2 1-	6ACWC	0	0	490	148	12	1	1	0.00	4.87	0
CO-34240087	CO14357	15.42	1 1-	2ACSR	0	0	476	147	11	1	1	0.01	4.88	0
CO14450	CO-34240087	15.44	1 1-	4ACSR	0	0	475	147	11	1	1	0.00	4.89	0
CO14448	CO14450	15.49	1 1-	4ACSR	0	0	471	146	11	1	1	0.00	4.89	0
CO14356	CO14443	15.18	1 1-	6ACWC	0	0	492	148	15	2	2	0.00	4.80	0
CO14375	CO14431	13.48	0 1-	4ACSR	0	0	664	164	0	0	0	0.00	2.24	0
CO14417+	CO14415	12.94	429 3-	4/0ACSR	899	832	671	278	2557	58	17	0.04	1.32	121
CO14418+	CO14417	13.14	429 3-	4/0ACSR	890	823	663	277	2557	58	17	0.06	1.37	195
CO14532+	CO14418	13.14	1 1-	4ACSR	0	0	663	277	0	0	0	0.00	1.37	0
OC415+	CO14532	13.14	1 1-	10 N FUSE	0	0	663	277	0	0	0	0.00	1.37	0
CO14533+	OC415	13.18	1 1-	4ACSR	0	0	660	276	0	0	0	0.00	1.37	0
CO14422+	CO14533	13.32	0 1-	4ACSR	0	0	651	274	0	0	0	0.00	1.37	0
CO14344+	CO14422	13.49	0 1-	4ACSR	0	0	640	271	0	0	0	0.00	1.37	0
CO14423+	CO14344	13.58	0 1-	4ACSR	0	0	634	270	0	0	0	0.00	1.37	0
CO14424+	CO14423	13.67	0 1-	4ACSR	0	0	628	269	0	0	0	0.00	1.37	0
CO14419+	CO14344	13.56	0 1-	4ACSR	0	0	635	270	0	0	0	0.00	1.37	0
CO14420+	CO14419	13.70	0 1-	4ACSR	0	0	626	268	0	0	0	0.00	1.37	0
CO14371+	CO14422	13.42	0 1-	4ACSR	0	0	644	272	0	0	0	0.00	1.37	0
CO14421+	CO14418	13.25	428 3-	4/0ACSR	884	818	659	276	2556	58	17	0.03	1.41	112
CO17163+	CO14421	13.27	428 3-	4/0ACSR	883	817	658	276	2555	58	17	0.01	1.41	22
CO13995+	CO17163	13.29	428 3-	4/0ACSR	882	816	657	276	2555	58	17	0.01	1.42	22
CO13996+	CO13995	13.45	428 3-	4/0ACSR	875	809	651	275	2555	58	17	0.05	1.47	151
CO13997+	CO13996	13.56	428 3-	4/0ACSR	869	804	647	274	2554	58	17	0.03	1.50	112
CO13911+	CO13997	13.72	261 3-	1/0ACSR	860	796	639	273	1471	33	15	0.05	1.55	104
CO13912+	CO13911	13.78	257 3-	1/0ACSR	857	793	637	273	1449	33	14	0.02	1.56	36
CO14012+	CO13912	13.84	3 1-	4ACSR	0	0	633	272	18	1	1	0.00	1.57	0
CO14013+	CO14012	13.88	3 1-	4ACSR	0	0	630	271	18	1	1	0.00	1.57	0
CO14053+	CO14013	13.90	3 1-	4ACSR	0	0	629	271	18	1	1	0.00	1.57	0
CO14054+	CO14053	13.92	2 1-	4ACSR	0	0	628	271	11	0	1	0.00	1.57	0
CO13939+	CO13912	13.83	0 1-	4ACSR	0	0	634	272	0	0	0	0.00	1.56	0
CO13913+	CO13912	13.87	254 3-	1/0ACSR	851	788	632	272	1430	32	14	0.03	1.59	58
CO14064+	CO13913	13.94	3 1-	4ACSR	0	0	628	271	31	2	2	0.00	1.59	0
CO14065+	CO14064	14.01	1 1-	4ACSR	0	0	624	270	18	1	1	0.00	1.59	0
CO13914+	CO13913	13.92	251 3-	1/0ACSR	848	785	630	272	1399	31	14	0.01	1.60	28
CO13938+	CO13914	13.95	1 1-	4ACSR	0	0	628	271	18	1	1	0.00	1.60	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14090+	CO13914	13.97	250 3-	1/0ACSR	846	783	628	271	1380	31	14	0.01	1.62	24
CO14091+	CO14090	14.02	247 3-	1/0ACSR	843	781	626	271	1367	31	14	0.01	1.63	30
CO13937+	CO14091	14.10	0 1-	4ACSR	0	0	621	270	0	0	0	0.00	1.63	0
CO14028+	CO14091	14.08	3 1-	4ACSR	0	0	623	270	6	0	0	0.00	1.63	0
CO14029+	CO14028	14.14	3 1-	4ACSR	0	0	619	269	6	0	0	0.00	1.63	0
CO14030+	CO14029	14.16	2 1-	4ACSR	0	0	618	269	6	0	0	0.00	1.63	0
CO14113+	CO14091	14.05	242 3-	1/0ACSR	841	779	624	271	1357	30	13	0.01	1.64	19
CO14055+	CO14113	14.08	241 3-	1/0ACSR	839	777	623	270	1356	30	13	0.01	1.65	16
CO13888+	CO14055	14.31	234 3-	1/0ACSR	827	766	613	269	1303	29	13	0.06	1.71	115
CO13969+	CO13888	14.50	232 3-	1/0ACSR	817	757	605	267	1289	29	13	0.05	1.76	94
CO13970+	CO13969	14.55	232 3-	1/0ACSR	814	755	603	267	1289	29	13	0.01	1.77	24
CO14116+	CO13970	14.55	7 1-	4ACSR	0	0	603	267	45	3	2	0.00	1.77	0
OC400+	CO14116	14.55	7 1-	10 N FUSE	0	0	603	267	45	3	31	0.00	1.77	0
CO14117+	OC400	14.61	7 1-	4ACSR	0	0	600	266	45	3	2	0.00	1.77	0
CO13891+	CO14117	14.67	6 1-	4ACSR	0	0	596	265	41	2	2	0.00	1.78	0
CO13921+	CO13891	14.81	0 1-	4ACSR	0	0	588	263	0	0	0	0.00	1.78	0
CO14041+	CO13891	14.73	5 1-	4ACSR	0	0	593	264	32	2	2	0.00	1.78	0
CO14042+	CO14041	14.81	3 1-	4ACSR	0	0	588	263	28	1	1	0.00	1.78	0
CO14043+	CO14042	14.86	1 1-	4ACSR	0	0	586	262	12	0	1	0.00	1.78	0
CO13922+	CO14117	14.66	1 1-	4ACSR	0	0	597	265	4	0	0	0.00	1.77	0
CO13889+	CO13970	14.68	225 3-	1/0ACSR	807	749	598	266	1244	28	12	0.03	1.80	62
CO13890+	CO13889	14.81	222 3-	1/0ACSR	801	743	593	265	1227	28	12	0.03	1.83	60
CO14128+	CO13890	14.82	15 1-	4ACSR	0	0	592	265	104	7	5	0.00	1.83	0
OC398+	CO14128	14.82	15 1-	15 H OCR	0	0	592	265	104	7	48	0.00	1.83	0
XFMR38	OC398	14.82	15 1-	333 KVA 1PH AUT	0	0	655	165	104	7	31	0.25	2.08	0
CO14129	XFMR38	14.91	15 1-	4ACSR	0	0	645	164	104	14	10	0.06	2.14	9
CO14101	CO14129	14.93	12 1-	4ACSR	0	0	643	164	96	13	9	0.01	2.15	0
CO13976	CO14101	14.95	12 1-	4ACSR	0	0	640	163	96	13	9	0.02	2.17	3
CO13977	CO13976	15.04	12 1-	4ACSR	0	0	630	162	96	13	9	0.05	2.22	8
CO13924	CO13977	15.32	1 1-	4ACSR	0	0	599	160	0	0	0	0.00	2.22	0
CO13978	CO13977	15.23	11 1-	4ACSR	0	0	609	160	96	13	9	0.11	2.33	18
CO13979	CO13978	15.57	11 1-	4ACSR	0	0	573	157	96	13	9	0.20	2.53	32
CO13980	CO13979	15.69	11 1-	4ACSR	0	0	561	156	95	13	9	0.07	2.61	11
CO13981	CO13980	16.03	11 1-	4ACSR	0	0	529	153	95	13	9	0.20	2.81	31
CO13982	CO13981	16.49	11 1-	4ACSR	0	0	490	149	95	13	9	0.27	3.08	42
CO13983	CO13982	16.78	11 1-	4ACSR	0	0	468	146	95	13	9	0.15	3.23	22
CO13898	CO13983	16.88	9 1-	4ACSR	0	0	461	146	73	10	7	0.04	3.28	5
CO14069	CO13898	17.01	3 1-	4ACSR	0	0	451	145	10	1	1	0.01	3.29	0
CO14070	CO14069	17.14	3 1-	4ACSR	0	0	442	143	10	1	1	0.01	3.29	0
CO14048	CO14070	17.22	1 1-	4ACSR	0	0	437	143	7	0	1	0.00	3.29	0
CO13991	CO13898	16.94	6 1-	4ACSR	0	0	456	145	63	8	6	0.03	3.30	3
CO13992	CO13991	16.97	6 1-	4ACSR	0	0	454	145	63	8	6	0.01	3.31	0
CO17211	CO13992	17.27	3 1-	4ACSR	0	0	433	142	31	4	3	0.05	3.36	0
CO17207	CO17211	17.58	1 1-	4ACSR	0	0	414	140	18	2	2	0.03	3.39	0
CO11555	CO17207	17.81	1 1-	4ACSR	0	0	400	138	18	2	2	0.03	3.42	0
CO11554	CO11555	17.95	1 1-	4ACSR	0	0	393	137	18	2	2	0.02	3.44	0
CO17206	CO11554	18.00	1 1-	4ACSR	0	0	390	137	18	2	2	0.00	3.44	0
CO13934	CO13992	17.06	2 1-	4ACSR	0	0	448	144	29	4	3	0.01	3.32	0
CO13933	CO13983	16.84	0 1-	4ACSR	0	0	463	146	0	0	0	0.00	3.23	0
CO14122+	CO13890	14.82	205 3-	1/0ACSR	800	742	592	265	1112	25	11	0.00	1.83	2
OC409+	CO14122	14.82	205 3-	70 E OCR	800	742	592	265	1112	25	36	0.00	1.83	0
CO14123+	OC409	14.94	205 3-	1/0ACSR	794	737	587	264	1112	25	11	0.03	1.86	47

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13971+	CO14123	15.16	205 3-	1/0ACSR	783	727	579	262	1112	25	11	0.05	1.91	81
CO13925+	CO13971	15.20	0 1-	4ACSR	0	0	577	262	0	0	0	0.00	1.91	0
CO14044+	CO13971	15.25	0 1-	4ACSR	0	0	574	261	0	0	0	0.00	1.91	0
CO14045+	CO14044	15.33	0 1-	4ACSR	0	0	570	260	0	0	0	0.00	1.91	0
CO14058+	CO13971	15.31	205 3-	1/0ACSR	776	720	574	261	1112	25	11	0.03	1.94	54
CO14059+	CO14058	15.35	204 3-	1/0ACSR	774	719	572	261	1109	25	11	0.01	1.95	17
CO13926+	CO14059	15.40	2 1-	4ACSR	0	0	569	260	15	1	1	0.00	1.95	0
CO13972+	CO14059	15.45	202 3-	1/0ACSR	770	714	568	260	1094	25	11	0.02	1.97	34
CO13973+	CO13972	15.49	202 3-	1/0ACSR	767	713	567	260	1093	25	11	0.01	1.98	16
CO14067+	CO13973	15.60	6 1-	4ACSR	0	0	561	259	13	0	1	0.00	1.99	0
CO14068+	CO14067	15.70	3 1-	4ACSR	0	0	556	257	10	0	0	0.00	1.99	0
CO13892+	CO13973	15.57	196 3-	1/0ACSR	764	709	564	259	1080	24	11	0.02	2.00	27
CO-182885599+	CO13892	15.65	2 1-	2ACSR	0	0	561	259	4	0	0	0.00	2.00	0
CO14120+	CO13892	15.57	11 1-	4ACSR	0	0	564	259	60	4	3	0.00	2.00	0
OC402+	CO14120	15.57	11 1-	10 N FUSE	0	0	564	259	60	4	41	0.00	2.00	0
CO14121+	OC402	15.69	11 1-	4ACSR	0	0	558	258	60	4	3	0.01	2.01	0
CO14066+	CO14121	15.73	9 1-	4ACSR	0	0	556	257	48	3	2	0.00	2.01	0
CO13984+	CO14066	15.92	9 1-	4ACSR	0	0	546	255	48	3	2	0.01	2.03	0
CO13985+	CO13984	16.02	8 1-	4ACSR	0	0	541	253	36	2	2	0.01	2.03	0
CO13986+	CO13985	16.10	6 1-	4ACSR	0	0	538	252	28	1	1	0.00	2.03	0
CO13987+	CO13986	16.27	6 1-	4ACSR	0	0	530	250	28	1	1	0.01	2.04	0
CO13988+	CO13987	16.39	4 1-	4ACSR	0	0	524	249	21	1	1	0.00	2.04	0
CO14107+	CO13988	16.46	2 1-	4ACSR	0	0	521	248	9	0	0	0.00	2.04	0
CO14108+	CO14107	16.53	1 1-	4ACSR	0	0	517	247	3	0	0	0.00	2.04	0
CO14051+	CO14107	16.52	1 1-	2ACSR	0	0	518	247	6	0	0	0.00	2.04	0
CO14052+	CO14051	16.58	1 1-	2ACSR	0	0	516	247	6	0	0	0.00	2.04	0
CO13893+	CO13892	15.66	183 3-	1/0ACSR	759	705	561	259	1016	23	10	0.02	2.02	29
CO13928+	CO13893	15.74	1 1-	4ACSR	0	0	557	258	1	0	0	0.00	2.02	0
CO13927+	CO13893	15.72	2 1-	4ACSR	0	0	558	258	18	1	1	0.00	2.02	0
CO13894+	CO13893	15.93	180 3-	1/0ACSR	747	694	551	257	997	22	10	0.05	2.07	79
CO14046+	CO13894	15.98	5 1-	4ACSR	0	0	548	256	14	0	1	0.00	2.07	0
CO606882487+	CO14046	16.05	1 1-	2ACSR	0	0	546	255	0	0	0	0.00	2.07	0
CO14047+	CO14046	16.06	2 1-	4ACSR	0	0	545	255	6	0	0	0.00	2.07	0
CO13895+	CO13894	16.06	175 3-	1/0ACSR	741	689	547	256	982	22	10	0.03	2.10	39
CO13929+	CO13895	16.12	1 1-	4ACSR	0	0	544	255	8	0	0	0.00	2.10	0
CO13896+	CO13895	16.22	174 3-	1/0ACSR	734	683	541	255	974	22	10	0.03	2.13	46
CO13989+	CO13896	16.39	164 3-	1/0ACSR	727	676	536	254	926	21	9	0.03	2.16	44
CO17208+	CO13989	16.69	164 3-	1/0ACSR	714	665	526	252	926	21	9	0.06	2.22	79
CO11556+	CO17208	16.87	164 3-	1/0ACSR	707	658	520	250	925	21	9	0.03	2.25	47
CO11565+	CO11556	16.95	1 1-	4ACSR	0	0	517	249	6	0	0	0.00	2.25	0
CO11587+	CO11565	16.97	1 1-	4ACSR	0	0	516	249	6	0	0	0.00	2.25	0
CO11557+	CO11556	16.92	163 3-	1/0ACSR	705	656	519	250	919	21	9	0.01	2.26	12
CO17264+	CO11557	17.04	58 1-	4ACSR	0	0	513	249	244	16	12	0.05	2.31	18
OC403+	CO17264	17.04	58 1-	50 E OCR	0	0	513	249	244	16	34	0.00	2.31	0
CO17265+	OC403	17.22	58 1-	4ACSR	0	0	506	246	244	16	12	0.07	2.37	26
CO13990+	CO17265	17.53	57 1-	2ACSR	0	0	495	244	234	16	9	0.08	2.45	28
CO-1879080943+	CO13990	17.54	1 1-	2ACSR	0	0	495	244	0	0	0	0.00	2.45	0
CO1491683279+	CO13990	17.63	56 1-	2ACSR	0	0	492	243	234	16	9	0.03	2.48	10
CO13930+	CO1491683279	17.69	1 1-	4ACSR	0	0	489	242	9	0	0	0.00	2.48	0
CO13897+	CO1491683279	17.81	0 1-	4ACSR	0	0	485	241	0	0	0	0.00	2.48	0
CO13932+	CO13897	17.96	0 1-	4ACSR	0	0	479	239	0	0	0	0.00	2.48	0
CO13931+	CO13897	17.91	0 1-	4ACSR	0	0	481	240	0	0	0	0.00	2.48	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
XFMR39	CO1491683279	17.63	55 1-	333 KVA 1PH AUT	0	0	594	161	225	15	67	0.55	3.03	0
CO17161	XFMR39	17.78	55 1-	4ACSR	0	0	579	159	225	31	22	0.21	3.24	78
CO14325	CO17161	17.94	51 1-	4ACSR	0	0	564	158	206	28	20	0.19	3.43	64
CO14324	CO14325	18.09	49 1-	4ACSR	0	0	550	156	200	27	20	0.19	3.62	62
CO14469	CO14324	18.17	48 1-	4ACSR	0	0	542	155	197	27	20	0.10	3.73	33
CO14470	CO14469	18.26	47 1-	4ACSR	0	0	534	155	194	26	19	0.11	3.83	34
SW420-B	CO14470	18.26	0 1-	Open	0	0	534	155	0	0	0	0.00	3.83	0
CO14349	CO14470	18.32	1 1-	4ACSR	0	0	529	154	6	0	1	0.00	3.83	0
CO14468	CO14470	18.36	46 1-	4ACSR	0	0	525	154	187	26	19	0.12	3.95	38
CO14523	CO14468	18.43	46 1-	4ACSR	0	0	519	153	187	26	19	0.08	4.03	24
CO14524	CO14523	18.51	2 1-	4ACSR	0	0	513	152	7	0	1	0.00	4.03	0
CO14466	CO14523	18.51	44 1-	2ACSR	0	0	514	152	180	25	14	0.06	4.09	17
CO14467	CO14466	18.54	44 1-	2ACSR	0	0	511	152	180	25	14	0.03	4.12	8
CO14465	CO14467	18.63	44 1-	2ACSR	0	0	505	152	180	25	14	0.06	4.19	18
CO-1564012935	CO14465	18.90	43 1-	2ACSR	0	0	487	150	179	25	14	0.22	4.40	61
CO11781	CO-1564012935	18.92	42 1-	4ACSR	0	0	486	150	176	24	18	0.02	4.42	6
CO11779	CO11781	19.00	41 1-	4ACSR	0	0	480	149	160	22	16	0.08	4.50	20
CO11711	CO11779	19.07	0 1-	4ACSR	0	0	474	149	0	0	0	0.00	4.50	0
CO11743	CO11779	19.17	41 1-	6ACWC	0	0	468	148	160	22	16	0.17	4.67	45
CO11744	CO11743	19.20	40 1-	6ACWC	0	0	465	147	160	22	16	0.04	4.71	10
CO11742	CO11744	19.39	40 1-	6ACWC	0	0	452	146	160	22	16	0.19	4.90	50
CO11701	CO11742	19.54	37 1-	6ACWC	0	0	442	145	137	19	14	0.12	5.02	28
CO11741	CO11701	19.63	35 1-	6ACWC	0	0	436	144	136	19	14	0.08	5.10	18
CO11802	CO11741	19.66	34 1-	6ACWC	0	0	434	144	131	18	13	0.02	5.12	5
CO11801	CO11802	19.67	33 1-	6ACWC	0	0	434	144	130	18	13	0.01	5.13	0
CO-1666065060	CO11801	19.72	0 1-	2ACSR	0	0	431	143	0	0	0	0.00	5.13	0
CO11799	CO11801	19.68	33 1-	6ACWC	0	0	433	144	130	18	13	0.01	5.13	0
OC327	CO11799	19.68	33 1-	15 H OCR	0	0	433	144	130	18	122	0.00	5.13	0
CO11800	OC327	19.73	33 1-	6ACWC	0	0	430	143	130	18	13	0.04	5.18	10
CO11777	CO11800	19.84	32 1-	6ACWC	0	0	423	142	129	18	13	0.09	5.27	19
CO11776	CO11777	19.86	31 1-	6ACWC	0	0	422	142	126	17	13	0.01	5.28	3
CO11775	CO11776	19.98	31 1-	6ACWC	0	0	414	141	126	17	13	0.10	5.38	20
CO11746	CO11775	20.10	31 1-	6ACWC	0	0	408	140	126	17	13	0.09	5.46	17
CO-674041306	CO11746	20.23	2 1-	1/0PRIURD	0	0	403	252	13	1	1	0.00	5.47	0
CO11745	CO11746	20.20	28 1-	6ACWC	0	0	402	140	100	14	10	0.06	5.53	10
CO17215	CO11745	20.46	2 1-	6ACWC	0	0	388	138	3	0	0	0.01	5.53	0
CO14673	CO17215	20.50	0 1-	6ACWC	0	0	386	137	0	0	0	0.00	5.53	0
CO11784	CO17215	20.66	2 1-	4ACSR	0	0	377	136	3	0	0	0.00	5.53	0
CO11730	CO11784	20.70	1 1-	4ACSR	0	0	375	136	1	0	0	0.00	5.53	0
CO11747	CO11745	20.23	24 1-	6ACWC	0	0	400	139	92	12	9	0.02	5.55	3
CO17228	CO11747	20.43	23 1-	6ACWC	0	0	389	138	90	12	9	0.11	5.66	17
CO17171	CO17228	20.49	1 1-	4ACSR	0	0	386	137	5	0	1	0.00	5.66	0
CO16313	CO17171	20.63	1 1-	4ACSR	0	0	379	136	5	0	1	0.00	5.67	0
CO17170	CO17228	20.57	20 1-	6ACWC	0	0	382	137	85	11	9	0.07	5.73	10
CO16314	CO17170	20.69	18 1-	6ACWC	0	0	376	136	83	11	8	0.06	5.79	9
CO16458	CO16314	20.73	17 1-	6ACWC	0	0	374	136	82	11	8	0.02	5.81	3
CO16459	CO16458	20.80	15 1-	6ACWC	0	0	370	135	77	10	8	0.04	5.85	5
CO16315	CO16459	20.95	15 1-	6ACWC	0	0	363	134	77	10	8	0.07	5.92	9
CO16316	CO16315	20.99	15 1-	6ACWC	0	0	361	134	77	10	8	0.02	5.94	2
CO16317	CO16316	21.26	15 1-	6ACWC	0	0	349	132	77	10	8	0.13	6.07	17
CO16268	CO16317	21.37	6 1-	6ACWC	0	0	344	131	36	5	4	0.02	6.09	0
CO16287	CO16268	21.45	1 1-	6ACWC	0	0	341	131	0	0	0	0.00	6.09	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16269	CO16268	21.52	4 1-	6ACWC	0	0	338	130	26	3	3	0.02	6.12	0
CO16270	CO16269	21.56	4 1-	6ACWC	0	0	336	130	26	3	3	0.01	6.12	0
CO16472	CO16270	21.76	1 1-	1/0PRIURD	0	0	331	219	7	0	1	0.00	6.12	0
CO16325	CO16270	21.67	1 1-	6ACWC	0	0	332	129	4	0	0	0.00	6.13	0
CO16326	CO16325	21.72	1 1-	6ACWC	0	0	330	129	4	0	0	0.00	6.13	0
CO16286	CO16270	21.64	2 1-	6ACWC	0	0	333	130	14	2	1	0.00	6.13	0
CO16271	CO16317	21.33	7 1-	6ACWC	0	0	346	132	27	3	3	0.01	6.08	0
CO16289	CO16271	21.41	2 1-	6ACWC	0	0	343	131	3	0	0	0.00	6.08	0
CO16318	CO16271	21.47	3 1-	6ACWC	0	0	340	131	10	1	1	0.01	6.09	0
CO16319	CO16318	21.75	3 1-	6ACWC	0	0	329	129	10	1	1	0.02	6.11	0
CO16323	CO16319	21.97	1 1-	6ACWC	0	0	320	127	0	0	0	0.00	6.11	0
CO16324	CO16323	22.00	1 1-	6ACWC	0	0	319	127	0	0	0	0.00	6.11	0
CO16320	CO16319	21.91	2 1-	6ACWC	0	0	323	128	10	1	1	0.01	6.11	0
CO16321	CO16320	22.02	1 1-	6ACWC	0	0	318	127	4	0	0	0.00	6.12	0
CO16322	CO16321	22.10	1 1-	6ACWC	0	0	315	127	4	0	0	0.00	6.12	0
CO16288	CO16317	21.34	1 1-	6ACWC	0	0	346	131	14	1	1	0.00	6.07	0
CO16285	CO16315	20.98	0 1-	6ACWC	0	0	362	134	0	0	0	0.00	5.92	0
CO14358	CO17228	20.49	2 1-	4ACSR	0	0	386	137	0	0	0	0.00	5.66	0
CO11714	CO11701	19.60	1 1-	4ACSR	0	0	438	144	0	0	0	0.00	5.02	0
CO11713	CO11701	19.68	1 1-	4ACSR	0	0	433	144	0	0	0	0.00	5.02	0
CO11783	CO11742	19.51	3 1-	4ACSR	0	0	444	145	23	3	2	0.01	4.91	0
CO11712	CO11783	19.63	2 1-	4ACSR	0	0	436	144	15	2	2	0.01	4.92	0
CO11782	CO11783	19.58	0 1-	4ACSR	0	0	439	144	0	0	0	0.00	4.91	0
CO11778	CO11781	19.01	1 1-	4ACSR	0	0	479	149	16	2	2	0.00	4.43	0
CO11780	CO-1564012935	19.03	1 1-	4ACSR	0	0	477	149	3	0	0	0.00	4.40	0
CO14464	CO14465	18.69	1 1-	2ACSR	0	0	501	151	1	0	0	0.00	4.19	0
CO14348	CO14324	18.17	1 1-	4ACSR	0	0	542	155	2	0	0	0.00	3.62	0
CO14347	CO14325	18.24	1 1-	4ACSR	0	0	536	155	0	0	0	0.00	3.43	0
CO14471	CO17161	17.85	4 1-	4ACSR	0	0	572	158	19	2	2	0.01	3.25	0
CO14472	CO14471	17.91	2 1-	4ACSR	0	0	567	158	10	1	1	0.00	3.25	0
CO11591+	CO11557	16.96	25 3-	1/0ACSR	704	655	518	250	170	3	2	0.00	2.26	0
CO11592+	CO11591	17.35	25 3-	1/0ACSR	689	641	506	247	170	3	2	0.01	2.27	3
CO11689+	CO11592	17.35	22 1-	4ACSR	0	0	506	247	154	10	8	0.00	2.27	0
OC321+	CO11689	17.35	22 1-	10 N FUSE	0	0	506	247	154	10	105	0.00	2.27	0
CO11690+	OC321	17.53	22 1-	4ACSR	0	0	498	245	154	10	8	0.04	2.32	10
CO11564+	CO11690	17.68	2 1-	4ACSR	0	0	492	243	17	1	1	0.00	2.32	0
CO11593+	CO11690	17.66	20 1-	4ACSR	0	0	493	243	137	9	7	0.03	2.34	6
CO11594+	CO11593	17.71	20 1-	4ACSR	0	0	491	243	137	9	7	0.01	2.36	2
CO11674+	CO11594	17.80	7 1-	4ACSR	0	0	487	242	36	2	2	0.00	2.36	0
CO11630+	CO11674	17.87	5 1-	4ACSR	0	0	484	241	14	0	1	0.00	2.36	0
CO11631+	CO11630	17.91	3 1-	4ACSR	0	0	483	241	14	0	1	0.00	2.36	0
CO11632+	CO11631	17.96	3 1-	4ACSR	0	0	481	240	14	0	1	0.00	2.36	0
CO11675+	CO11674	17.84	1 1-	4ACSR	0	0	486	241	8	0	0	0.00	2.36	0
CO11559+	CO11594	18.00	12 1-	4ACSR	0	0	479	239	101	6	5	0.05	2.40	8
CO11649+	CO11559	18.14	12 1-	4ACSR	0	0	474	238	101	6	5	0.02	2.42	3
CO11566+	CO11649	18.22	1 1-	4ACSR	0	0	471	237	6	0	0	0.00	2.42	0
CO11633+	CO11649	18.21	10 1-	4ACSR	0	0	471	237	80	5	4	0.01	2.43	0
CO11676+	CO11633	18.25	10 1-	4ACSR	0	0	470	237	80	5	4	0.00	2.43	0
CO11634+	CO11676	18.30	8 1-	4ACSR	0	0	468	236	64	4	3	0.00	2.44	0
CO11650+	CO11634	18.32	8 1-	4ACSR	0	0	467	236	64	4	3	0.00	2.44	0
CO11687+	CO11650	18.39	5 1-	4ACSR	0	0	465	235	32	2	2	0.00	2.44	0
CO11590+	CO11687	18.45	1 1-	2ACSR	0	0	463	235	3	0	0	0.00	2.44	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL1688+	COL1687	18.40	4 1-	4ACSR	0	0	464	235	29	1	1	0.00	2.45	0
COL1635+	COL1688	18.43	3 1-	4ACSR	0	0	463	235	17	1	1	0.00	2.45	0
COL1677+	COL1676	18.29	1 1-	4ACSR	0	0	468	236	11	0	1	0.00	2.44	0
COL1697+	COL1559	18.04	0 1-	4ACSR	0	0	478	239	0	0	0	0.00	2.40	0
SW325-B+	COL1697	18.04	0 1-	Open	0	0	478	239	0	0	0	0.00	2.40	0
COL1558+	COL1592	17.43	3 3-	1/0ACSR	685	638	503	247	17	0	0	0.00	2.27	0
COL1696+	COL1558	17.44	0 1-	4ACSR	0	0	503	247	0	0	0	0.00	2.27	0
SW324-A+	COL1696	17.44	0 1-	Open	0	0	503	247	0	0	0	0.00	2.27	0
COL1651+	COL1558	17.53	3 1-	4ACSR	0	0	499	245	17	1	1	0.00	2.28	0
COL1652+	COL1651	17.56	1 1-	4ACSR	0	0	498	245	13	0	1	0.00	2.28	0
COL1644+	COL1652	17.60	1 1-	4ACSR	0	0	496	245	13	0	1	0.00	2.28	0
COL1560+	COL1557	17.21	80 3-	1/0ACSR	694	646	510	248	505	11	5	0.03	2.29	22
COL1595+	COL1560	17.36	79 3-	1/0ACSR	688	641	506	247	497	11	5	0.02	2.30	11
COL1596+	COL1595	17.46	79 3-	1/0ACSR	684	637	503	246	497	11	5	0.01	2.31	8
COL1636+	COL1596	17.52	1 1-	4ACSR	0	0	500	246	0	0	0	0.00	2.31	0
COL1647+	COL1636	17.59	1 1-	4ACSR	0	0	497	245	0	0	0	0.00	2.31	0
COL1648+	COL1647	17.60	0 1-	4ACSR	0	0	497	245	0	0	0	0.00	2.31	0
COL1597+	COL1596	17.59	78 3-	1/0ACSR	679	633	499	246	497	11	5	0.01	2.33	9
COL1598+	COL1597	17.61	78 3-	1/0ACSR	678	632	498	245	497	11	5	0.00	2.33	0
COL1599+	COL1598	17.73	78 3-	1/0ACSR	674	628	495	245	497	11	5	0.01	2.34	9
COL1698+	COL1599	17.74	0 1-	4ACSR	0	0	495	245	0	0	0	0.00	2.34	0
SW325-A+	COL1698	17.74	0 1-	Open	0	0	495	245	0	0	0	0.00	2.34	0
COL1600+	COL1599	17.85	78 3-	1/0ACSR	670	624	492	244	497	11	5	0.01	2.35	9
COL1667+	COL1600	17.89	78 3-	1/0ACSR	668	623	490	244	497	11	5	0.00	2.36	3
COL1668+	COL1667	17.91	77 3-	1/0ACSR	668	622	490	244	492	11	5	0.00	2.36	0
COL1604+	COL1668	18.03	69 3-	1/0ACSR	663	618	487	243	461	10	5	0.01	2.37	8
COL1605+	COL1604	18.07	67 3-	1/0ACSR	662	617	486	243	460	10	5	0.00	2.37	2
COL1664+	COL1605	18.17	67 3-	1/0ACSR	658	614	483	242	460	10	5	0.01	2.38	6
COL1665+	COL1664	18.19	66 3-	1/0ACSR	658	613	482	242	460	10	5	0.00	2.38	0
COL1669+	COL1665	18.26	66 3-	1/0ACSR	655	611	480	241	460	10	5	0.01	2.39	5
COL1670+	COL1669	18.27	66 3-	1/0ACSR	655	610	480	241	460	10	5	0.00	2.39	0
COL1606+	COL1670	18.34	66 3-	1/0ACSR	652	608	478	241	460	10	5	0.01	2.40	4
COL1573+	COL1606	18.40	1 1-	4ACSR	0	0	476	240	1	0	0	0.00	2.40	0
COL1607+	COL1606	18.38	62 3-	1/0ACSR	651	607	477	241	433	9	4	0.00	2.40	2
COL1608+	COL1607	18.45	62 3-	1/0ACSR	648	605	475	240	433	9	4	0.01	2.41	4
COL1662+	COL1608	18.55	58 3-	1/0ACSR	645	602	473	239	404	9	4	0.01	2.42	5
COL1663+	COL1662	18.59	57 3-	1/0ACSR	644	601	472	239	385	8	4	0.00	2.42	0
COL1577+	COL1663	18.68	2 1-	4ACSR	0	0	468	238	10	0	0	0.00	2.42	0
COL1609+	COL1663	18.66	51 3-	1/0ACSR	641	598	470	239	335	7	3	0.01	2.42	3
COL1610+	COL1609	18.74	51 3-	1/0ACSR	639	596	468	238	335	7	3	0.01	2.43	3
COL1578+	COL1610	18.83	1 1-	4ACSR	0	0	465	237	3	0	0	0.00	2.43	0
COL1611+	COL1610	18.81	47 3-	1/0ACSR	636	594	466	238	321	7	3	0.00	2.43	2
COL1612+	COL1611	18.87	47 3-	1/0ACSR	634	592	465	238	321	7	3	0.00	2.44	0
COL1660+	COL1612	18.91	47 3-	1/0ACSR	633	591	464	237	321	7	3	0.00	2.44	0
COL1661+	COL1660	18.92	46 3-	1/0ACSR	633	591	464	237	310	7	3	0.00	2.44	0
COL1613+	COL1661	18.95	46 3-	1/0ACSR	632	590	463	237	310	7	3	0.00	2.44	0
COL1579+	COL1613	18.99	0 1-	4ACSR	0	0	461	237	0	0	0	0.00	2.44	0
XFMR41	COL1613	18.95	46 1-	333 KVA 1PH AUT	0	0	572	159	310	21	93	0.78	3.22	0
COL1693	XFMR41	18.95	46 1-	4ACSR	0	0	572	159	310	42	31	0.01	3.23	7
OC323	COL1693	18.95	46 1-	50 H OCR	0	0	572	159	310	42	86	0.00	3.23	0
COL1694	OC323	18.99	46 1-	4ACSR	0	0	568	159	310	42	31	0.08	3.31	40
COL1614	COL1694	19.17	45 1-	4ACSR	0	0	552	157	306	42	30	0.32	3.63	160

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11658	CO11614	19.22	4 1-	4ACSR	0	0	548	157	16	2	2	0.00	3.64	0
CO11659	CO11658	19.27	2 1-	4ACSR	0	0	543	156	13	1	1	0.00	3.64	0
CO11641	CO11659	19.33	1 1-	4ACSR	0	0	537	156	9	1	1	0.00	3.64	0
CO11615	CO11614	19.26	39 1-	4ACSR	0	0	544	156	280	38	28	0.16	3.79	71
CO11616	CO11615	19.35	38 1-	4ACSR	0	0	536	156	271	37	27	0.16	3.95	69
CO11617	CO11616	19.42	38 1-	4ACSR	0	0	530	155	271	37	27	0.13	4.07	56
CO11562	CO11617	19.57	29 1-	4ACSR	0	0	517	154	201	27	20	0.19	4.26	63
CO11563	CO11562	19.65	22 1-	4ACSR	0	0	510	153	180	25	18	0.09	4.35	26
CO11657	CO11563	19.75	3 1-	4ACSR	0	0	502	152	22	3	2	0.01	4.36	0
CO17205	CO11657	19.90	1 1-	4ACSR	0	0	490	151	9	1	1	0.00	4.36	0
CO11618	CO11563	19.87	19 1-	4ACSR	0	0	493	151	159	22	16	0.22	4.57	57
CO11619	CO11618	19.90	19 1-	4ACSR	0	0	490	151	158	22	16	0.03	4.60	9
CO11620	CO11619	19.91	19 1-	4ACSR	0	0	490	151	158	22	16	0.01	4.61	0
CO11653	CO11620	20.02	15 1-	4ACSR	0	0	481	150	125	17	12	0.08	4.69	16
CO780471879	CO11653	20.03	13 1-	2ACSR	0	0	480	149	108	15	8	0.01	4.70	0
CO-397037819	CO780471879	20.10	1 1-	2ACSR	0	0	476	149	1	0	0	0.00	4.70	0
CO-1129549170	CO780471879	20.06	12 1-	2ACSR	0	0	478	149	107	14	8	0.01	4.71	2
CO11666	CO-1129549170	20.14	11 1-	4ACSR	0	0	472	149	106	14	11	0.05	4.76	9
CO11671	CO11666	20.26	10 1-	4ACSR	0	0	464	148	97	13	10	0.07	4.83	10
CO11672	CO11671	20.29	9 1-	4ACSR	0	0	462	147	88	12	9	0.02	4.85	3
CO11621	CO11672	20.31	9 1-	4ACSR	0	0	461	147	88	12	9	0.01	4.86	0
CO11622	CO11621	20.52	6 1-	4ACSR	0	0	446	145	64	8	6	0.08	4.94	9
CO11623	CO11622	20.60	6 1-	4ACSR	0	0	441	145	64	8	6	0.03	4.97	3
CO11624	CO11623	20.69	5 1-	4ACSR	0	0	435	144	61	8	6	0.04	5.01	4
CO11625	CO11624	20.77	5 1-	4ACSR	0	0	430	143	61	8	6	0.03	5.04	3
CO11699	CO11625	21.01	5 1-	4ACSR	0	0	415	142	61	8	6	0.09	5.13	9
CO11700	CO11699	21.11	5 1-	4ACSR	0	0	409	141	61	8	6	0.04	5.17	4
CO11681	CO11700	21.22	5 1-	4ACSR	0	0	403	140	61	8	6	0.04	5.21	4
CO11588	CO11681	21.25	1 1-	2ACSR	0	0	401	140	4	0	0	0.00	5.21	0
CO11682	CO11681	21.28	4 1-	4ACSR	0	0	399	139	57	8	6	0.02	5.23	0
CO11685	CO11682	21.37	3 1-	4ACSR	0	0	395	139	51	7	5	0.03	5.26	2
CO11686	CO11685	21.42	2 1-	4ACSR	0	0	392	138	51	7	5	0.02	5.28	0
CO11673	CO11686	21.44	2 1-	4ACSR	0	0	391	138	51	7	5	0.00	5.28	0
CO11678	CO11673	21.59	1 1-	1/0PRIURD	0	0	386	244	6	0	1	0.00	5.28	0
CO11589	CO11685	21.40	1 1-	2ACSR	0	0	393	139	1	0	0	0.00	5.26	0
CO11580	CO11621	20.37	1 1-	4ACSR	0	0	456	147	5	0	1	0.00	4.86	0
CO11581	CO-1129549170	20.13	1 1-	4ACSR	0	0	474	149	0	0	0	0.00	4.71	0
CO11582	CO11620	20.06	3 1-	4ACSR	0	0	478	149	18	2	2	0.01	4.62	0
CO11584	CO11562	19.69	2 1-	4ACSR	0	0	507	153	8	1	1	0.00	4.27	0
CO11583	CO11562	19.64	3 1-	4ACSR	0	0	511	153	10	1	1	0.00	4.26	0
CO11626	CO11617	19.50	6 1-	4ACSR	0	0	523	154	65	9	6	0.03	4.10	3
CO11627	CO11626	19.52	5 1-	4ACSR	0	0	521	154	51	7	5	0.01	4.11	0
CO441267905	CO11627	19.60	1 1-	2ACSR	0	0	515	153	0	0	0	0.00	4.11	0
CO11655	CO11627	19.60	3 1-	4ACSR	0	0	515	153	40	5	4	0.01	4.12	0
CO11656	CO11655	19.64	2 1-	4ACSR	0	0	511	153	26	3	3	0.01	4.13	0
CO11586	CO11656	19.71	0 1-	4ACSR	0	0	505	152	0	0	0	0.00	4.13	0
CO11585	CO11656	19.73	1 1-	4ACSR	0	0	503	152	11	1	1	0.00	4.13	0
CO11679+	CO11663	18.65	2 1-	4ACSR	0	0	470	239	23	1	1	0.00	2.42	0
CO11680+	CO11679	18.72	2 1-	4ACSR	0	0	467	238	23	1	1	0.00	2.42	0
CO11639+	CO11679	18.69	0 1-	4ACSR	0	0	468	238	0	0	0	0.00	2.42	0
CO11640+	CO11639	18.75	0 1-	4ACSR	0	0	466	237	0	0	0	0.00	2.42	0
CO11576+	CO11608	18.51	1 1-	4ACSR	0	0	473	239	0	0	0	0.00	2.41	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL11575+	COL11608	18.50	2 1-	4ACSR	0	0	474	240	19	1	1	0.00	2.41	0
COL11574+	COL11608	18.51	1 1-	4ACSR	0	0	473	239	10	0	0	0.00	2.41	0
COL11637+	COL11606	18.40	3 1-	4ACSR	0	0	476	240	27	1	1	0.00	2.40	0
COL11638+	COL11637	18.45	1 1-	4ACSR	0	0	474	240	17	1	1	0.00	2.40	0
COL11572+	COL11668	17.97	1 1-	4ACSR	0	0	487	243	10	0	0	0.00	2.36	0
COL11691+	COL11668	17.91	7 1-	4ACSR	0	0	490	243	21	1	1	0.00	2.36	0
OC322+	COL11691	17.91	7 1-	10 N FUSE	0	0	490	243	21	1	14	0.00	2.36	0
COL11692+	OC322	18.28	7 1-	4ACSR	0	0	475	239	21	1	1	0.01	2.37	0
COL11571+	COL11692	18.45	2 1-	4ACSR	0	0	469	237	0	0	0	0.00	2.37	0
COL11561+	COL11692	18.43	5 1-	4ACSR	0	0	470	238	21	1	1	0.00	2.37	0
COL11570+	COL11561	18.58	1 1-	4ACSR	0	0	464	236	4	0	0	0.00	2.37	0
COL11601+	COL11561	18.55	3 1-	4ACSR	0	0	465	236	13	0	1	0.00	2.38	0
COL11602+	COL11601	18.58	2 1-	4ACSR	0	0	464	236	1	0	0	0.00	2.38	0
COL11603+	COL11602	18.98	2 1-	4ACSR	0	0	450	232	1	0	0	0.00	2.38	0
COL11569+	COL11603	19.05	1 1-	4ACSR	0	0	447	231	1	0	0	0.00	2.38	0
COL11568+	COL11603	19.07	0 1-	4ACSR	0	0	447	231	0	0	0	0.00	2.38	0
COL11567+	COL11560	17.26	1 1-	4ACSR	0	0	508	247	8	0	0	0.00	2.29	0
COL13974+	COL13896	16.34	10 1-	6ACWC	0	0	536	253	48	3	2	0.01	2.14	0
COL13975+	COL13974	16.62	8 1-	6ACWC	0	0	523	250	32	2	2	0.01	2.15	0
COL17210+	COL13975	16.85	6 1-	6ACWC	0	0	513	247	18	1	1	0.01	2.16	0
COL11642+	COL17210	16.88	1 1-	6ACWC	0	0	511	247	0	0	0	0.00	2.16	0
COL11643+	COL11642	16.92	1 1-	6ACWC	0	0	509	246	0	0	0	0.00	2.16	0
COL11683+	COL17210	16.92	3 1-	6ACWC	0	0	510	246	16	1	1	0.00	2.16	0
COL11684+	COL11683	17.00	2 1-	6ACWC	0	0	506	245	4	0	0	0.00	2.16	0
COL11628+	COL11684	17.19	2 1-	6ACWC	0	0	498	243	4	0	0	0.00	2.16	0
COL11629+	COL11628	17.25	2 1-	6ACWC	0	0	496	242	4	0	0	0.00	2.16	0
COL11645+	COL11683	16.94	1 1-	2ACSR	0	0	509	246	12	0	0	0.00	2.16	0
COL11646+	COL11645	17.01	1 1-	2ACSR	0	0	506	245	12	0	0	0.00	2.16	0
COL17209+	COL13975	16.66	1 1-	4/0 E (CWC)	0	0	522	250	13	0	0	0.00	2.15	0
COL13923+	COL13890	14.91	2 1-	4ACSR	0	0	587	264	10	0	0	0.00	1.83	0
COL13920+	COL13889	14.74	3 1-	4ACSR	0	0	595	265	17	1	1	0.00	1.80	0
COL13919+	COL13889	14.82	0 1-	4ACSR	0	0	590	264	0	0	0	0.00	1.80	0
COL13918+	COL13888	14.41	1 1-	4ACSR	0	0	608	267	7	0	0	0.00	1.71	0
COL14118+	COL14055	14.09	7 1-	4ACSR	0	0	623	270	54	3	3	0.00	1.65	0
OC401+	COL14118	14.09	7 1-	10 N FUSE	0	0	623	270	54	3	37	0.00	1.65	0
COL14119+	OC401	14.18	7 1-	4ACSR	0	0	617	269	54	3	3	0.01	1.65	0
COL14063+	COL14119	14.23	5 1-	4ACSR	0	0	615	268	33	2	2	0.00	1.66	0
COL13968+	COL14063	14.31	5 1-	4ACSR	0	0	609	267	33	2	2	0.00	1.66	0
COL13917+	COL13968	14.36	1 1-	4ACSR	0	0	607	266	14	0	1	0.00	1.66	0
COL13966+	COL13968	14.52	4 1-	4ACSR	0	0	597	264	19	1	1	0.01	1.67	0
COL13967+	COL13966	14.73	4 1-	4ACSR	0	0	585	261	19	1	1	0.01	1.67	0
COL17165+	COL13967	14.92	0 1-	4ACSR	0	0	575	259	0	0	0	0.00	1.67	0
COL14056+	COL13967	14.86	4 1-	4ACSR	0	0	578	260	19	1	1	0.00	1.68	0
COL14057+	COL14056	14.94	3 1-	4ACSR	0	0	574	259	19	1	1	0.00	1.68	0
COL13994+	COL14057	15.00	2 1-	4ACSR	0	0	570	258	9	0	0	0.00	1.68	0
COL17162+	COL13994	15.05	1 1-	4ACSR	0	0	568	257	9	0	0	0.00	1.68	0
COL14497+	COL17162	15.11	1 1-	4ACSR	0	0	565	256	9	0	0	0.00	1.68	0
COL14496+	COL14497	15.14	1 1-	4ACSR	0	0	563	256	9	0	0	0.00	1.68	0
COL14495+	COL14496	15.20	1 1-	4ACSR	0	0	560	255	9	0	0	0.00	1.68	0
COL14494+	COL14495	15.24	1 1-	4ACSR	0	0	558	255	9	0	0	0.00	1.68	0
COL13916+	COL14057	15.01	1 1-	4ACSR	0	0	570	258	10	0	0	0.00	1.68	0
COL14016+	COL13911	13.84	1 1-	4ACSR	0	0	632	271	1	0	0	0.00	1.55	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14017+	CO14016	13.91	0 1-	4ACSR	0	0	627	270	0	0	0	0.00	1.55	0
CO14014+	CO13911	13.85	3 1-	4ACSR	0	0	631	271	20	1	1	0.00	1.55	0
CO14015+	CO14014	13.90	0 1-	4ACSR	0	0	628	271	0	0	0	0.00	1.55	0
CO13899+	CO13997	13.60	167 3-	1/0ACSR	867	802	645	274	1083	24	11	0.01	1.51	13
CO13900+	CO13899	13.64	165 3-	1/0ACSR	865	800	643	274	1079	24	11	0.01	1.52	13
CO14071+	CO13900	13.68	165 3-	1/0ACSR	862	798	641	273	1079	24	11	0.01	1.53	15
CO14072+	CO14071	13.78	165 3-	1/0ACSR	857	793	637	273	1079	24	11	0.02	1.55	35
CO13998+	CO14072	13.82	165 3-	1/0ACSR	854	791	635	272	1079	24	11	0.01	1.56	15
CO14018+	CO13998	13.88	1 1-	4ACSR	0	0	631	272	3	0	0	0.00	1.56	0
CO14019+	CO14018	13.96	0 1-	4ACSR	0	0	626	270	0	0	0	0.00	1.56	0
CO14020+	CO14019	14.11	0 1-	4ACSR	0	0	617	268	0	0	0	0.00	1.56	0
CO13999+	CO13998	13.95	164 3-	1/0ACSR	847	784	629	271	1076	24	11	0.03	1.59	43
CO14081+	CO13999	13.96	164 3-	1/0ACSR	846	784	629	271	1076	24	11	0.00	1.59	5
CO14082+	CO14081	13.99	163 3-	1/0ACSR	845	782	627	271	1072	24	11	0.01	1.60	11
CO14083+	CO14082	14.04	162 3-	1/0ACSR	842	779	625	271	1062	24	11	0.01	1.61	17
CO14084+	CO14083	14.14	161 3-	1/0ACSR	836	774	620	270	1062	24	11	0.02	1.63	35
CO14085+	CO14084	14.18	161 3-	1/0ACSR	834	773	619	270	1061	24	11	0.01	1.64	11
CO14086+	CO14085	14.24	159 3-	1/0ACSR	831	770	616	269	1055	24	11	0.01	1.65	22
CO14087+	CO14086	14.33	157 3-	1/0ACSR	826	765	612	268	1029	23	10	0.02	1.67	29
CO13941+	CO14087	14.36	0 1-	4ACSR	0	0	611	268	0	0	0	0.00	1.67	0
CO13940+	CO14087	14.39	2 1-	4ACSR	0	0	609	268	26	1	1	0.00	1.67	0
CO13901+	CO14087	14.42	155 3-	1/0ACSR	821	761	609	268	1003	23	10	0.02	1.69	26
CO14002+	CO13901	14.47	151 3-	1/0ACSR	819	759	607	267	961	22	10	0.01	1.70	13
CO14003+	CO14002	14.51	150 3-	1/0ACSR	816	756	605	267	961	22	10	0.01	1.70	13
CO13945+	CO14003	14.56	2 1-	4ACSR	0	0	602	266	18	1	1	0.00	1.71	0
CO14004+	CO14003	14.58	148 3-	1/0ACSR	813	753	602	267	943	21	9	0.01	1.72	18
CO14005+	CO14004	14.66	148 3-	1/0ACSR	809	750	599	266	943	21	9	0.01	1.73	21
CO13905+	CO14005	14.70	88 1-	4ACSR	0	0	596	265	500	34	25	0.04	1.77	30
CO13947+	CO13905	14.75	2 1-	4ACSR	0	0	594	265	18	1	1	0.00	1.77	0
CO14036+	CO13905	14.74	86 1-	4ACSR	0	0	594	265	481	33	24	0.03	1.80	23
CO14088+	CO14036	14.78	86 1-	4ACSR	0	0	592	264	481	33	24	0.03	1.83	24
CO14092+	CO14088	14.83	86 1-	4ACSR	0	0	589	264	481	33	24	0.04	1.87	28
XFMR35	CO14092	14.83	85 1-	333 KVA 1PH AUT	0	0	654	164	478	33	144	1.34	3.21	0
CO14093	XFMR35	14.85	85 1-	4ACSR	0	0	651	164	478	66	47	0.08	3.29	62
CO14126	CO14093	14.86	85 1-	4ACSR	0	0	650	164	478	66	47	0.02	3.31	16
OC404	CO14126	14.86	85 1-	50 H OCR	0	0	650	164	478	66	133	0.00	3.31	0
CO14127	OC404	14.93	85 1-	4ACSR	0	0	642	163	478	66	47	0.21	3.51	160
CO14103	CO14127	15.00	81 1-	4ACSR	0	0	634	163	467	64	46	0.21	3.72	159
CO14049	CO14103	15.04	1 1-	2ACSR	0	0	630	162	5	0	0	0.00	3.72	0
CO14050	CO14049	15.11	1 1-	2ACSR	0	0	624	162	5	0	0	0.00	3.72	0
CO14104	CO14103	15.04	79 1-	4ACSR	0	0	630	162	458	63	46	0.10	3.82	75
CO14080	CO14104	15.14	79 1-	4ACSR	0	0	619	161	457	63	46	0.30	4.12	225
CO14037	CO14080	15.20	79 1-	4ACSR	0	0	612	161	456	63	46	0.16	4.29	122
CO13906	CO14037	15.35	78 1-	4ACSR	0	0	596	159	450	63	45	0.43	4.72	319
CO13956	CO13906	15.40	1 1-	4ACSR	0	0	590	159	12	1	1	0.00	4.72	0
CO13907	CO13906	15.43	76 1-	4ACSR	0	0	587	158	431	60	43	0.23	4.95	166
CO14124	CO13907	15.44	1 1-	4ACSR	0	0	586	158	1	0	0	0.00	4.95	0
OC407	CO14124	15.44	1 1-	10 H OCR	0	0	586	158	1	0	2	0.00	4.95	0
CO14125	OC407	15.98	1 1-	4ACSR	0	0	533	153	1	0	0	0.00	4.96	0
CO17154	CO14125	16.21	1 1-	4ACSR	0	0	513	151	1	0	0	0.00	4.96	0
CO13792	CO17154	16.27	0 1-	4ACSR	0	0	508	151	0	0	0	0.00	4.96	0
CO17158	CO13792	16.33	0 1-	4ACSR	0	0	503	150	0	0	0	0.00	4.96	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL13793	COL13792	16.99	0 1-	4ACSR	0	0	452	145	0	0	0	0.00	4.96	0
COL13791	COL17154	16.33	1 1-	4ACSR	0	0	503	150	1	0	0	0.00	4.96	0
COL13857	COL13791	16.41	0 1-	4ACSR	0	0	496	149	0	0	0	0.00	4.96	0
COL13858	COL13857	16.51	0 1-	4ACSR	0	0	488	149	0	0	0	0.00	4.96	0
COL13867	COL13858	16.63	0 1-	4ACSR	0	0	479	148	0	0	0	0.00	4.96	0
COL13839	COL13791	16.57	1 1-	4ACSR	0	0	484	148	1	0	0	0.00	4.96	0
COL13840	COL13839	16.73	1 1-	4ACSR	0	0	471	147	1	0	0	0.00	4.96	0
COL13841	COL13840	16.77	1 1-	4ACSR	0	0	468	146	1	0	0	0.00	4.96	0
COL13842	COL13841	16.98	1 1-	4ACSR	0	0	453	145	1	0	0	0.00	4.97	0
COL13843	COL13842	17.02	1 1-	4ACSR	0	0	450	144	1	0	0	0.00	4.97	0
COL13961	COL14125	16.07	0 1-	4ACSR	0	0	526	152	0	0	0	0.00	4.96	0
COL14038	COL13907	15.55	72 1-	4ACSR	0	0	575	157	424	59	43	0.31	5.26	213
COL14073	COL14038	15.62	71 1-	4ACSR	0	0	567	157	414	58	42	0.21	5.47	140
COL14074	COL14073	15.75	70 1-	4ACSR	0	0	555	155	400	56	40	0.33	5.80	217
COL13908	COL14074	15.86	65 1-	4ACSR	0	0	545	154	366	51	37	0.25	6.04	150
COL13909	COL13908	15.90	65 1-	4ACSR	0	0	541	154	365	51	37	0.09	6.13	54
COL13958	COL13909	15.94	1 1-	4ACSR	0	0	537	154	7	0	1	0.00	6.13	0
COL13910	COL13909	16.05	64 1-	4ACSR	0	0	527	153	358	50	36	0.35	6.48	210
COL14039	COL13910	16.13	62 1-	4ACSR	0	0	520	152	354	50	36	0.20	6.68	115
COL14040	COL14039	16.30	61 1-	4ACSR	0	0	505	150	351	50	36	0.39	7.07	229
COL17102	COL14040	16.44	59 1-	4ACSR	0	0	494	149	334	47	34	0.30	7.36	168
COL13789	COL17102	16.51	56 1-	4ACSR	0	0	488	149	331	47	34	0.14	7.51	80
COL17157	COL13789	16.63	1 1-	4ACSR	0	0	479	148	0	0	0	0.00	7.51	0
COL14011	COL17157	16.78	1 1-	4ACSR	0	0	467	146	0	0	0	0.00	7.51	0
COL17099	COL14011	16.85	1 1-	2ACSR	0	0	463	146	0	0	0	0.00	7.51	0
COL13753	COL17099	17.02	1 1-	2ACSR	0	0	453	145	0	0	0	0.00	7.51	0
COL13752	COL13753	17.17	1 1-	2ACSR	0	0	445	144	0	0	0	0.00	7.51	0
COL13815	COL13789	16.57	55 1-	4ACSR	0	0	483	148	331	47	34	0.14	7.65	80
COL13816	COL13815	16.65	55 1-	4ACSR	0	0	477	147	330	47	34	0.16	7.81	91
COL13869	COL13816	16.72	54 1-	4ACSR	0	0	472	147	316	45	33	0.14	7.96	76
COL13868	COL13869	16.75	54 1-	4ACSR	0	0	469	147	315	45	33	0.07	8.03	40
COL17103	COL13868	16.85	53 1-	4ACSR	0	0	462	146	306	44	32	0.19	8.22	99
COL13607	COL17103	16.97	53 1-	4ACSR	0	0	454	145	305	44	32	0.25	8.47	128
COL13542	COL13607	17.09	52 1-	4ACSR	0	0	445	144	305	44	32	0.25	8.71	128
COL13612	COL13542	17.26	49 1-	4ACSR	0	0	433	142	294	42	30	0.33	9.04	166
COL13611	COL13612	17.38	49 1-	4ACSR	0	0	426	142	293	42	30	0.22	9.26	110
COL13688	COL13611	17.50	49 1-	4ACSR	0	0	419	141	292	42	30	0.23	9.50	116
COL13689	COL13688	17.59	49 1-	4ACSR	0	0	413	140	292	42	30	0.18	9.68	90
COL13610	COL13689	17.76	47 1-	4ACSR	0	0	403	139	288	42	30	0.32	9.99	158
COL13609	COL13610	17.80	47 1-	4ACSR	0	0	400	138	288	42	30	0.09	10.08	45
COL13608	COL13609	17.94	47 1-	4ACSR	0	0	393	137	287	42	30	0.26	10.34	128
COL13684	COL13608	17.97	5 1-	4ACSR	0	0	391	137	31	4	3	0.01	10.35	0
COL13685	COL13684	18.24	3 1-	4ACSR	0	0	377	135	21	3	2	0.03	10.38	0
COL13682	COL13685	18.37	2 1-	4ACSR	0	0	370	134	13	1	1	0.01	10.39	0
COL13683	COL13682	18.42	1 1-	4ACSR	0	0	368	134	5	0	0	0.00	10.39	0
COL13681	COL13683	18.46	0 1-	4ACSR	0	0	366	134	0	0	0	0.00	10.39	0
COL13697	COL13608	17.95	42 1-	4ACSR	0	0	392	137	256	37	27	0.01	10.35	5
OC390	COL13697	17.95	42 1-	35 H OCR	0	0	392	137	256	37	108	0.00	10.35	0
COL13698	OC390	18.07	42 1-	4ACSR	0	0	385	136	256	37	27	0.22	10.57	94
COL13615	COL13698	18.18	41 1-	4ACSR	0	0	380	136	245	36	26	0.17	10.74	72
COL13614	COL13615	18.27	41 1-	4ACSR	0	0	375	135	244	36	26	0.15	10.89	66
COL13613	COL13614	18.37	41 1-	4ACSR	0	0	370	134	244	36	26	0.17	11.06	70

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13544	CO13613	18.42	39 1-	4ACSR	0	0	368	134	240	35	25	0.07	11.13	31
CO13616	CO13544	18.45	39 1-	4ACSR	0	0	366	134	240	35	25	0.04	11.17	17
CO17307	CO13616	18.46	1 1-	750 MCM - 42 Wi	0	0	366	134	9	1	0	0.00	11.17	0
CO13617	CO13616	18.49	38 1-	4ACSR	0	0	364	133	231	34	24	0.06	11.24	26
CO13618	CO13617	18.59	38 1-	4ACSR	0	0	359	133	231	34	24	0.16	11.40	64
CO13543	CO13618	18.73	3 1-	4ACSR	0	0	353	132	7	1	1	0.01	11.40	0
CO13590	CO13543	18.82	2 1-	4ACSR	0	0	349	131	6	0	1	0.00	11.40	0
CO13571	CO13543	18.97	0 1-	4ACSR	0	0	342	130	0	0	0	0.00	11.40	0
CO13686	CO13618	18.66	35 1-	4ACSR	0	0	356	132	224	33	24	0.10	11.50	38
CO13687	CO13686	18.82	34 1-	4ACSR	0	0	349	131	212	31	22	0.22	11.71	79
CO17098	CO13687	18.97	33 1-	4ACSR	0	0	342	130	196	29	21	0.20	11.91	68
CO13771	CO17098	18.98	32 1-	4ACSR	0	0	342	130	185	27	20	0.02	11.93	7
CO13772	CO13771	19.08	31 1-	4ACSR	0	0	337	129	177	26	19	0.11	12.05	34
CO13773	CO13772	19.12	29 1-	4ACSR	0	0	336	129	161	24	17	0.04	12.08	10
CO13774	CO13773	19.25	28 1-	4ACSR	0	0	330	128	146	21	16	0.13	12.22	34
CO13745	CO13774	19.26	1 1-	4ACSR	0	0	330	128	11	1	1	0.00	12.22	0
CO13744	CO13745	19.30	1 1-	4ACSR	0	0	328	128	11	1	1	0.00	12.22	0
CO13775	CO13774	19.42	27 1-	4ACSR	0	0	324	127	135	20	14	0.15	12.36	33
CO13776	CO13775	19.46	24 1-	4ACSR	0	0	322	127	117	17	13	0.03	12.39	6
CO13719	CO13776	19.74	1 1-	4ACSR	0	0	312	125	0	0	0	0.00	12.39	0
CO13733	CO13776	19.59	23 1-	4ACSR	0	0	317	126	117	17	12	0.11	12.50	22
CO-319479761	CO13733	19.65	1 1-	2ACSR	0	0	316	126	8	1	1	0.00	12.50	0
CO13777	CO13733	19.68	22 1-	4ACSR	0	0	314	126	109	16	12	0.06	12.56	11
CO13778	CO13777	19.80	21 1-	4ACSR	0	0	309	125	94	14	10	0.08	12.63	12
CO13779	CO13778	19.90	20 1-	4ACSR	0	0	306	124	88	13	9	0.06	12.69	9
CO13713	CO13779	20.12	15 1-	4ACSR	0	0	298	123	72	10	8	0.11	12.80	14
CO13722	CO13713	20.18	1 1-	4ACSR	0	0	296	123	7	1	1	0.00	12.80	0
CO13735	CO13713	20.15	14 1-	4ACSR	0	0	297	123	65	9	7	0.01	12.81	0
CO13782	CO13735	20.24	12 1-	4ACSR	0	0	294	122	57	8	6	0.04	12.85	4
CO13783	CO13782	20.39	11 1-	4ACSR	0	0	290	121	57	8	6	0.06	12.90	6
CO13721	CO13783	20.58	1 1-	4ACSR	0	0	284	120	0	0	0	0.00	12.90	0
CO13736	CO13783	20.58	10 1-	4ACSR	0	0	284	120	57	8	6	0.07	12.98	7
CO13784	CO13736	20.79	10 1-	4ACSR	0	0	278	119	57	8	6	0.08	13.06	8
CO13785	CO13784	21.06	8 1-	4ACSR	0	0	270	118	55	8	6	0.10	13.16	9
CO13786	CO13785	21.15	7 1-	4ACSR	0	0	267	117	50	7	5	0.03	13.19	3
CO13749	CO13786	21.21	2 1-	4ACSR	0	0	266	117	21	3	2	0.00	13.19	0
CO13748	CO13749	21.29	1 1-	4ACSR	0	0	263	116	1	0	0	0.00	13.19	0
CO13787	CO13786	21.18	5 1-	4ACSR	0	0	266	117	30	4	3	0.01	13.19	0
CO13788	CO13787	21.26	4 1-	4ACSR	0	0	264	117	16	2	2	0.01	13.20	0
CO13739	CO13788	21.35	3 1-	4ACSR	0	0	262	116	10	1	1	0.01	13.21	0
CO13728	CO13739	21.39	1 1-	2ACSR	0	0	261	116	0	0	0	0.00	13.21	0
CO13738	CO13739	21.51	2 1-	4ACSR	0	0	258	115	10	1	1	0.01	13.22	0
CO13737	CO13738	21.58	1 1-	4ACSR	0	0	256	115	9	1	1	0.00	13.22	0
CO13755	CO13738	21.63	1 1-	4ACSR	0	0	255	115	1	0	0	0.00	13.22	0
CO13754	CO13755	21.64	1 1-	4ACSR	0	0	254	115	1	0	0	0.00	13.22	0
CO13727	CO13735	20.33	1 1-	2ACSR	0	0	293	122	4	0	0	0.00	12.81	0
CO13720	CO13779	20.12	2 1-	4ACSR	0	0	298	123	2	0	0	0.00	12.69	0
CO13734	CO13779	20.15	3 1-	4ACSR	0	0	297	123	15	2	2	0.02	12.71	0
CO13780	CO13734	20.21	2 1-	4ACSR	0	0	296	122	7	1	1	0.00	12.71	0
CO13781	CO13780	20.34	1 1-	4ACSR	0	0	291	122	6	0	1	0.00	12.71	0
CO13747	CO13776	19.54	0 1-	4ACSR	0	0	319	126	0	0	0	0.00	12.39	0
CO13746	CO13747	19.67	0 1-	4ACSR	0	0	314	126	0	0	0	0.00	12.39	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13726	CO17098	19.01	1 1-	2ACSR	0	0	341	130	11	1	1	0.00	11.91	0
CO13706	CO13613	18.40	1 1-	4ACSR	0	0	369	134	0	0	0	0.00	11.06	0
CO13705	CO13706	18.40	1 1-	4ACSR	0	0	368	134	0	0	0	0.00	11.06	0
CO13639	CO13705	18.48	0 1-	4ACSR	0	0	365	133	0	0	0	0.00	11.06	0
CO13638	CO13705	18.71	1 1-	4ACSR	0	0	354	132	0	0	0	0.00	11.06	0
CO13588	CO13689	17.66	2 1-	2ACSR	0	0	410	140	3	0	0	0.00	9.68	0
CO13570	CO13542	17.16	2 1-	4ACSR	0	0	440	143	9	1	1	0.00	8.71	0
CO13696	CO13607	16.98	1 1-	4ACSR	0	0	453	145	0	0	0	0.00	8.47	0
OC391	CO13696	16.98	1 1-	10 H OCR	0	0	453	145	0	0	0	0.00	8.47	0
CO17104	OC391	17.29	1 1-	4ACSR	0	0	432	142	0	0	0	0.00	8.47	0
CO13870	CO17104	17.42	1 1-	4ACSR	0	0	424	141	0	0	0	0.00	8.47	0
CO17150	CO13870	17.77	1 1-	4ACSR	0	0	403	139	0	0	0	0.00	8.47	0
CO13707	CO17150	17.89	1 1-	4ACSR	0	0	396	138	0	0	0	0.00	8.47	0
CO13691	CO13707	18.00	1 1-	4ACSR	0	0	389	137	0	0	0	0.00	8.47	0
CO13690	CO13691	18.12	1 1-	4ACSR	0	0	383	136	0	0	0	0.00	8.47	0
CO17160	CO13690	18.33	0 1-	4ACSR	0	0	372	135	0	0	0	0.00	8.47	0
CO13835	CO17160	18.51	0 1-	4ACSR	0	0	363	133	0	0	0	0.00	8.47	0
CO13836	CO13835	18.69	0 1-	4ACSR	0	0	355	132	0	0	0	0.00	8.47	0
CO13837	CO13836	18.79	0 1-	4ACSR	0	0	350	131	0	0	0	0.00	8.47	0
CO13838	CO13837	19.46	0 1-	4ACSR	0	0	322	127	0	0	0	0.00	8.47	0
CO13790	CO17104	17.41	0 1-	4ACSR	0	0	424	141	0	0	0	0.00	8.47	0
CO13801	CO13790	17.61	0 1-	4ACSR	0	0	411	140	0	0	0	0.00	8.47	0
CO13800	CO13790	17.50	0 1-	4ACSR	0	0	418	141	0	0	0	0.00	8.47	0
CO13802	CO13868	16.79	1 1-	4ACSR	0	0	467	146	10	1	1	0.00	8.03	0
CO13799	CO13816	16.76	1 1-	4ACSR	0	0	469	146	14	2	1	0.01	7.82	0
CO13798	CO17102	16.48	3 1-	4ACSR	0	0	491	149	2	0	0	0.00	7.36	0
CO13936	CO14040	16.37	2 1-	4ACSR	0	0	500	150	16	2	2	0.00	7.07	0
CO13960	CO13910	16.16	0 1-	4ACSR	0	0	517	152	0	0	0	0.00	6.48	0
CO13959	CO13910	16.09	2 1-	4ACSR	0	0	524	152	3	0	0	0.00	6.48	0
CO13957	CO13908	15.94	0 1-	4ACSR	0	0	537	154	0	0	0	0.00	6.04	0
CO14109	CO14074	15.83	3 1-	4ACSR	0	0	548	155	23	3	2	0.01	5.81	0
CO13964	CO14109	15.90	1 1-	2ACSR	0	0	542	154	3	0	0	0.00	5.81	0
CO14110	CO14109	15.86	2 1-	4ACSR	0	0	544	154	20	2	2	0.00	5.81	0
CO14075	CO14110	15.91	1 1-	4ACSR	0	0	540	154	11	1	1	0.00	5.81	0
CO14027	CO14075	16.00	0 1-	4ACSR	0	0	532	153	0	0	0	0.00	5.81	0
CO13955	CO14037	15.52	0 1-	4ACSR	0	0	578	158	0	0	0	0.00	4.29	0
CO14130+	CO14005	14.66	59 1-	4ACSR	0	0	599	266	435	30	22	0.00	1.74	3
OC405+	CO14130	14.66	59 1-	70 L OCR	0	0	599	266	435	30	43	0.00	1.74	0
XFMR36	OC405	14.66	59 1-	333 KVA 1PH AUT	0	0	659	165	435	30	130	1.16	2.90	0
CO14131	XFMR36	14.72	59 1-	4ACSR	0	0	652	164	435	60	43	0.17	3.06	119
CO14089	CO14131	14.75	58 1-	4ACSR	0	0	649	164	434	60	43	0.07	3.14	51
CO14006	CO14089	14.96	58 1-	4ACSR	0	0	625	162	433	60	43	0.57	3.71	401
CO13949	CO14006	15.02	1 1-	4ACSR	0	0	618	161	17	2	2	0.00	3.71	0
CO13948	CO14006	15.03	1 1-	4ACSR	0	0	617	161	8	1	1	0.00	3.71	0
CO14102	CO14006	14.98	56 1-	4ACSR	0	0	623	162	407	56	40	0.05	3.75	32
CO14078	CO14102	15.00	56 1-	4ACSR	0	0	620	161	407	56	40	0.05	3.80	34
CO14079	CO14078	15.02	55 1-	4ACSR	0	0	618	161	402	55	40	0.07	3.87	43
CO14111	CO14079	15.08	54 1-	4ACSR	0	0	611	161	390	54	39	0.14	4.01	87
CO13965	CO14111	15.14	1 1-	2ACSR	0	0	606	160	16	2	1	0.00	4.01	0
CO14112	CO14111	15.24	53 1-	4ACSR	0	0	594	159	374	52	37	0.39	4.40	239
CO14007	CO14112	15.32	53 1-	4ACSR	0	0	586	158	373	52	37	0.18	4.58	110
CO13902	CO14007	15.49	51 1-	4ACSR	0	0	569	157	352	49	35	0.38	4.95	218

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL13915	COL13902	15.53	49 1-	4ACSR	0	0	565	156	333	46	33	0.08	5.03	44
COL13903	COL13915	15.77	48 1-	4ACSR	0	0	541	154	321	45	32	0.50	5.54	268
COL14021	COL13903	15.83	2 1-	4ACSR	0	0	536	153	21	2	2	0.01	5.54	0
COL14022	COL14021	15.90	1 1-	4ACSR	0	0	530	153	13	1	1	0.01	5.55	0
COL14023	COL14022	16.02	1 1-	4ACSR	0	0	519	152	13	1	1	0.01	5.55	0
COL13904	COL13903	15.91	46 1-	4ACSR	0	0	529	153	299	42	30	0.25	5.79	126
COL14060	COL13904	16.07	42 1-	4ACSR	0	0	514	151	285	40	29	0.30	6.09	141
COL14061	COL14060	16.21	41 1-	4ACSR	0	0	503	150	274	38	28	0.24	6.33	110
COL14134	COL14061	16.22	38 1-	4ACSR	0	0	502	150	243	34	25	0.01	6.34	4
OC397	COL14134	16.22	38 1-	25 H OCR	0	0	502	150	243	34	138	0.00	6.34	0
COL14136	OC397	16.31	3 1-	4ACSR	0	0	494	149	12	1	1	0.01	6.35	0
COL14096	COL14136	16.43	2 1-	4ACSR	0	0	485	148	8	1	1	0.01	6.35	0
COL14097	COL14096	16.44	1 1-	4ACSR	0	0	484	148	6	0	1	0.00	6.35	0
COL14094	COL14097	16.58	1 1-	4ACSR	0	0	473	147	6	0	1	0.00	6.36	0
COL14095	COL14094	16.63	0 1-	4ACSR	0	0	469	147	0	0	0	0.00	6.36	0
COL14031	COL14095	16.77	0 1-	4ACSR	0	0	459	145	0	0	0	0.00	6.36	0
COL14032	COL14031	16.90	0 1-	4ACSR	0	0	450	144	0	0	0	0.00	6.36	0
COL13935	COL14032	16.98	0 1-	4ACSR	0	0	444	144	0	0	0	0.00	6.36	0
COL14033	COL14032	17.05	0 1-	4ACSR	0	0	439	143	0	0	0	0.00	6.36	0
COL14034	COL14033	17.13	0 1-	4ACSR	0	0	434	143	0	0	0	0.00	6.36	0
COL14076	COL14034	17.19	0 1-	4ACSR	0	0	430	142	0	0	0	0.00	6.36	0
COL14077	COL14076	17.20	0 1-	4ACSR	0	0	429	142	0	0	0	0.00	6.36	0
COL14035	COL14077	17.22	0 1-	4ACSR	0	0	428	142	0	0	0	0.00	6.36	0
COL13963	COL14035	17.29	0 1-	4ACSR	0	0	424	141	0	0	0	0.00	6.36	0
COL13962	COL14035	17.25	0 1-	4ACSR	0	0	426	142	0	0	0	0.00	6.36	0
COL14135	OC397	16.32	35 1-	4ACSR	0	0	494	149	231	32	23	0.15	6.49	55
COL14100	COL14135	16.38	33 1-	4ACSR	0	0	489	149	213	30	22	0.08	6.57	29
COL17152	COL14100	16.49	30 1-	4ACSR	0	0	480	148	199	28	20	0.15	6.72	48
COL13723	COL17152	16.82	0 1-	4ACSR	0	0	455	145	0	0	0	0.00	6.72	0
COL13756	COL17152	16.53	29 1-	4ACSR	0	0	477	147	196	27	20	0.05	6.77	16
COL13757	COL13756	16.68	28 1-	4ACSR	0	0	465	146	185	26	19	0.17	6.94	53
COL13724	COL13757	16.72	1 1-	4ACSR	0	0	463	146	10	1	1	0.00	6.94	0
COL13741	COL13757	16.82	24 1-	4ACSR	0	0	455	145	166	23	17	0.15	7.09	40
COL13740	COL13741	16.89	22 1-	4ACSR	0	0	451	144	155	22	16	0.06	7.15	16
COL13725	COL13740	16.97	1 1-	4ACSR	0	0	445	144	15	2	2	0.00	7.15	0
COL13714	COL13740	17.01	21 1-	4ACSR	0	0	442	143	140	19	14	0.11	7.26	26
COL13758	COL13714	17.15	19 1-	4ACSR	0	0	433	142	123	17	13	0.11	7.37	23
COL13759	COL13758	17.27	19 1-	4ACSR	0	0	425	141	123	17	13	0.10	7.47	21
COL13712	COL13759	17.34	19 1-	4ACSR	0	0	421	141	123	17	13	0.05	7.53	11
COL13711	COL13712	17.45	3 1-	4ACSR	0	0	414	140	24	3	2	0.02	7.54	0
COL13732	COL13711	17.53	2 1-	4ACSR	0	0	409	139	19	2	2	0.01	7.55	0
COL13731	COL13732	17.87	1 1-	4ACSR	0	0	390	137	15	2	2	0.02	7.57	0
COL13730	COL13731	18.09	0 1-	4ACSR	0	0	378	135	0	0	0	0.00	7.57	0
COL13718	COL13730	18.44	0 1-	4ACSR	0	0	361	133	0	0	0	0.00	7.57	0
COL13717	COL13730	18.39	0 1-	4ACSR	0	0	363	133	0	0	0	0.00	7.57	0
COL13715	COL13711	17.55	1 1-	4ACSR	0	0	408	139	4	0	0	0.00	7.55	0
COL13760	COL13712	17.52	16 1-	4ACSR	0	0	409	139	99	14	10	0.11	7.63	17
COL13761	COL13760	17.67	13 1-	4ACSR	0	0	401	138	78	11	8	0.08	7.71	10
COL13743	COL13761	17.77	2 1-	4ACSR	0	0	395	138	10	1	1	0.01	7.71	0
COL13742	COL13743	17.80	1 1-	4ACSR	0	0	394	137	9	1	1	0.00	7.71	0
COL13762	COL13761	17.79	11 1-	4ACSR	0	0	394	137	69	9	7	0.05	7.76	6
COL13763	COL13762	17.88	10 1-	4ACSR	0	0	389	137	62	8	6	0.03	7.79	4

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO420891903	CO13763	17.93	8 1-	2ACSR	0	0	387	137	60	8	5	0.01	7.81	0
CO-54596180	CO420891903	17.96	7 1-	2ACSR	0	0	386	136	57	8	5	0.01	7.81	0
CO13768	CO-54596180	17.97	7 1-	4ACSR	0	0	385	136	57	8	6	0.01	7.82	0
CO13769	CO13768	18.03	6 1-	4ACSR	0	0	382	136	54	7	6	0.02	7.84	0
CO13770	CO13769	18.09	5 1-	4ACSR	0	0	379	135	43	6	4	0.02	7.85	0
CO17097	CO13770	18.35	0 1-	4ACSR	0	0	366	134	0	0	0	0.00	7.85	0
CO13993	CO17097	18.55	0 1-	4ACSR	0	0	356	132	0	0	0	0.00	7.85	0
CO-26786578	CO13770	18.11	4 1-	4ACSR	0	0	378	135	43	6	4	0.01	7.86	0
CO860588340	CO-26786578	18.18	3 1-	4ACSR	0	0	374	135	32	4	3	0.02	7.88	0
CO14008	CO860588340	18.24	3 1-	4ACSR	0	0	371	134	32	4	3	0.01	7.88	0
CO14009	CO14008	18.31	2 1-	4ACSR	0	0	368	134	14	2	1	0.01	7.89	0
CO14010	CO14009	18.35	2 1-	4ACSR	0	0	366	134	14	2	1	0.00	7.89	0
CO1661661154	CO14010	18.43	1 1-	2ACSR	0	0	363	133	0	0	0	0.00	7.89	0
CO-2142403068	CO1661661154	18.49	1 1-	2ACSR	0	0	360	133	0	0	0	0.00	7.89	0
CO-761002848	CO-2142403068	18.56	1 1-	2ACSR	0	0	358	133	0	0	0	0.00	7.89	0
CO-575413345	CO-26786578	18.18	1 1-	4ACSR	0	0	374	135	11	1	1	0.00	7.86	0
CO1725692363	CO420891903	18.06	1 1-	2ACSR	0	0	381	136	3	0	0	0.00	7.81	0
CO13716	CO13763	17.96	0 1-	4ACSR	0	0	385	136	0	0	0	0.00	7.79	0
CO13764	CO13763	17.93	1 1-	4ACSR	0	0	387	136	1	0	0	0.00	7.79	0
CO13765	CO13764	18.00	0 1-	4ACSR	0	0	383	136	0	0	0	0.00	7.79	0
CO13766	CO13765	18.06	0 1-	4ACSR	0	0	379	136	0	0	0	0.00	7.79	0
CO13767	CO13766	18.15	0 1-	4ACSR	0	0	375	135	0	0	0	0.00	7.79	0
CO13751	CO13714	17.10	2 1-	4ACSR	0	0	436	143	16	2	2	0.01	7.27	0
CO13750	CO13751	17.18	1 1-	4ACSR	0	0	431	142	11	1	1	0.00	7.27	0
CO14132	CO14100	16.46	1 1-	2ACSR	0	0	483	148	0	0	0	0.00	6.57	0
CO14133	CO14132	16.53	1 1-	2ACSR	0	0	479	148	0	0	0	0.00	6.57	0
CO13953	CO14100	16.45	1 1-	4ACSR	0	0	483	148	7	0	1	0.00	6.57	0
CO14025	CO14061	16.26	3 1-	4ACSR	0	0	499	150	30	4	3	0.01	6.34	0
CO14026	CO14025	16.29	3 1-	4ACSR	0	0	496	149	30	4	3	0.01	6.35	0
CO14062	CO14026	16.34	2 1-	4ACSR	0	0	492	149	18	2	2	0.00	6.35	0
CO14105	CO13904	15.95	4 1-	4ACSR	0	0	525	152	13	1	1	0.00	5.80	0
CO13952	CO14105	15.99	1 1-	4ACSR	0	0	522	152	0	0	0	0.00	5.80	0
CO14098	CO14105	16.02	2 1-	4ACSR	0	0	519	152	13	1	1	0.00	5.80	0
CO14099	CO14098	16.08	1 1-	4ACSR	0	0	513	151	0	0	0	0.00	5.80	0
CO14024	CO14099	16.14	1 1-	4ACSR	0	0	508	151	0	0	0	0.00	5.80	0
CO14106	CO14105	16.03	1 1-	4ACSR	0	0	518	152	0	0	0	0.00	5.80	0
CO13954	CO13915	15.60	1 1-	4ACSR	0	0	557	156	11	1	1	0.00	5.04	0
CO13951	CO13902	15.75	1 1-	4ACSR	0	0	543	154	11	1	1	0.01	4.96	0
CO13950	CO14007	15.39	2 1-	4ACSR	0	0	578	158	21	2	2	0.01	4.58	0
CO13946+	CO14005	14.69	1 1-	4ACSR	0	0	597	265	8	0	0	0.00	1.73	0
CO13944+	CO13901	14.50	1 1-	4ACSR	0	0	604	267	14	0	1	0.00	1.69	0
CO14114+	CO13901	14.43	1 1-	4ACSR	0	0	608	268	8	0	0	0.00	1.69	0
OC399+	CO14114	14.43	1 1-	10 N FUSE	0	0	608	268	8	0	5	0.00	1.69	0
CO14115+	OC399	14.68	1 1-	4ACSR	0	0	593	264	8	0	0	0.00	1.69	0
CO14000+	CO14115	14.99	1 1-	4ACSR	0	0	576	260	8	0	0	0.00	1.69	0
CO14001+	CO14000	15.16	1 1-	4ACSR	0	0	567	258	8	0	0	0.00	1.70	0
CO17164+	CO14001	15.27	1 1-	4ACSR	0	0	561	256	8	0	0	0.00	1.70	0
CO14345+	CO17164	15.33	0 1-	4ACSR	0	0	558	255	0	0	0	0.00	1.70	0
CO14505+	CO14345	15.41	0 1-	4ACSR	0	0	554	254	0	0	0	0.00	1.70	0
CO14506+	CO14505	15.74	0 1-	4ACSR	0	0	537	250	0	0	0	0.00	1.70	0
CO14372+	CO14506	15.86	0 1-	4ACSR	0	0	532	249	0	0	0	0.00	1.70	0
CO14373+	CO14345	15.36	0 1-	4ACSR	0	0	557	255	0	0	0	0.00	1.70	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14503+	CO17164	15.40	1 1-	4ACSR	0	0	554	254	8	0	0	0.00	1.70	0
CO14504+	CO14503	15.53	1 1-	4ACSR	0	0	548	253	8	0	0	0.00	1.70	0
CO14502+	CO14504	15.56	1 1-	4ACSR	0	0	546	252	8	0	0	0.00	1.70	0
CO14501+	CO14502	15.63	1 1-	4ACSR	0	0	543	252	8	0	0	0.00	1.70	0
CO14500+	CO14501	15.67	1 1-	4ACSR	0	0	541	251	8	0	0	0.00	1.70	0
CO14499+	CO14500	15.75	1 1-	4ACSR	0	0	537	250	8	0	0	0.00	1.70	0
CO14498+	CO14499	15.80	1 1-	4ACSR	0	0	535	250	8	0	0	0.00	1.70	0
CO13943+	CO13900	13.68	0 1-	4ACSR	0	0	641	273	0	0	0	0.00	1.52	0
CO13942+	CO13899	13.67	2 1-	4ACSR	0	0	641	273	4	0	0	0.00	1.51	0
CO14413+	CO14412	12.27	1 1-	4ACSR	0	0	705	283	6	0	0	0.00	0.84	0
CO14414+	CO14413	12.31	0 1-	4ACSR	0	0	702	282	0	0	0	0.00	0.84	0
CO14379+	CO14334	10.63	0 1-	4ACSR	0	0	789	292	0	0	0	0.00	0.25	0
CO14377+	CO14334	10.66	4 1-	4ACSR	0	0	786	292	17	1	1	0.00	0.25	0
CO14376+	CO14334	10.63	1 1-	4ACSR	0	0	790	292	10	0	0	0.00	0.25	0
CO1315947728+	CO16414	9.87	0 1-	2ACSR	0	0	835	297	0	0	0	0.00	6.01	0
CO16301+	CO16414	9.88	0 1-	4ACSR	0	0	833	296	0	0	0	0.00	6.01	0
CO16415+	CO16414	9.83	0 3-	4/0ACSR	1100	1015	839	297	0	0	0	0.00	6.01	0
CO16312+	CO16413	9.77	1 1-	2ACSR	0	0	841	297	12	0	0	0.00	5.96	0
CO16119+	CO16252	9.49	2 1-	4ACSR	0	0	859	299	9	0	0	0.00	5.84	0
CO16120+	CO16119	9.57	1 1-	4ACSR	0	0	851	297	4	0	0	0.00	5.84	0
CO16246+	CO30673	9.34	0 1-	4ACSR	0	0	871	300	0	0	0	0.00	5.79	0
SW497-A+	CO16246	9.34	0 1-	Open	0	0	871	300	0	0	0	0.00	5.79	0
CO16036+	CO16116	9.24	0 3-	4/0ACSR	1145	1057	878	301	0	-6	2	0.00	5.75	0
CA61+	CO16036	9.24	0 3-	Capacitor	1145	1057	878	301	0	-6	0	0.00	5.75	0
CO16067+	CO16116	9.36	1 1-	4ACSR	0	0	865	299	4	0	0	0.00	5.75	0
CO16031+	CO16034	9.03	47 1-	4/0ACSR	0	0	893	302	236	16	5	0.03	5.60	8
CO16052+	CO16031	9.08	0 1-	4ACSR	0	0	888	301	0	0	0	0.00	5.60	0
CO16247+	CO16031	9.04	47 1-	4ACSR	0	0	892	302	235	16	12	0.00	5.60	0
OC492+	CO16247	9.04	47 1-	70 E OCR	0	0	892	302	235	16	24	0.00	5.60	0
CO16248+	OC492	9.09	47 1-	4ACSR	0	0	886	301	235	16	12	0.02	5.62	8
CO17245+	CO16248	9.34	46 1-	4ACSR	0	0	857	296	224	15	11	0.09	5.72	34
XFMR33	CO17245	9.34	46 1-	333 KVA 1PH AUT	0	0	784	170	223	15	69	0.58	6.29	0
CO16411	XFMR33	9.37	46 1-	4ACSR	0	0	780	169	223	31	23	0.03	6.32	12
CO16412	CO16411	9.41	46 1-	4ACSR	0	0	773	169	223	31	23	0.07	6.39	25
CO16293	CO16412	9.52	1 1-	4ACSR	0	0	757	168	4	0	0	0.00	6.39	0
CO16407	CO16412	9.50	43 1-	4ACSR	0	0	759	168	210	29	21	0.12	6.51	41
CO16408	CO16407	9.55	42 1-	4ACSR	0	0	753	167	202	28	21	0.06	6.57	19
CO16406	CO16408	9.64	41 1-	4ACSR	0	0	739	166	199	28	20	0.12	6.69	40
CO16405	CO16406	9.68	41 1-	4ACSR	0	0	733	166	199	28	20	0.05	6.74	17
CO16292	CO16405	9.75	1 1-	4ACSR	0	0	721	165	16	2	2	0.00	6.74	0
CO16402	CO16405	9.75	0 1-	4ACSR	0	0	721	165	0	0	0	0.00	6.74	0
CO16403	CO16402	9.90	0 1-	4ACSR	0	0	700	164	0	0	0	0.00	6.74	0
CO16404	CO16403	10.09	0 1-	4ACSR	0	0	673	162	0	0	0	0.00	6.74	0
CO16400	CO16405	9.72	40 1-	4ACSR	0	0	726	165	182	25	19	0.05	6.79	16
CO16401	CO16400	10.09	38 1-	4ACSR	0	0	674	162	176	25	18	0.41	7.20	121
CO16399	CO16401	10.15	37 1-	4ACSR	0	0	665	161	170	24	17	0.07	7.27	20
CO16398	CO16399	10.21	37 1-	4ACSR	0	0	658	161	170	24	17	0.06	7.33	17
CO16396	CO16398	10.40	36 1-	4ACSR	0	0	634	159	165	23	17	0.20	7.53	56
CO16397	CO16396	10.43	35 1-	4ACSR	0	0	630	158	162	23	17	0.03	7.56	8
CO-310172232	CO16397	10.47	1 1-	2ACSR	0	0	625	158	0	0	0	0.00	7.56	0
CO16303	CO16397	10.54	1 1-	2ACSR	0	0	618	158	1	0	0	0.00	7.56	0
CO16395	CO16397	10.53	33 1-	4ACSR	0	0	617	157	161	23	17	0.11	7.67	30

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16275	CO16395	10.59	32 1-	4ACSR	0	0	610	157	151	21	16	0.06	7.73	14
CO16465	CO16275	10.59	32 1-	4ACSR	0	0	610	157	151	21	16	0.01	7.73	0
OC501	CO16465	10.59	32 1-	15 H OCR	0	0	610	157	151	21	145	0.00	7.73	0
CO16466	OC501	10.81	32 1-	4ACSR	0	0	585	155	151	21	16	0.21	7.95	54
CO16390	CO16466	10.95	32 1-	4ACSR	0	0	569	154	151	21	16	0.14	8.09	36
CO16388	CO16390	11.04	30 1-	4ACSR	0	0	560	153	144	20	15	0.08	8.17	19
CO16389	CO16388	11.14	28 1-	4ACSR	0	0	550	152	140	20	14	0.10	8.26	23
CO16296	CO16389	11.22	1 1-	4ACSR	0	0	542	151	3	0	0	0.00	8.26	0
CO16387	CO16389	11.18	27 1-	4ACSR	0	0	546	152	138	19	14	0.03	8.30	8
CO16385	CO16387	11.20	27 1-	4ACSR	0	0	543	151	138	19	14	0.02	8.32	5
CO16310	CO16385	11.29	1 1-	2ACSR	0	0	536	151	1	0	0	0.00	8.32	0
CO16386	CO16385	11.26	26 1-	4ACSR	0	0	537	151	136	19	14	0.05	8.37	12
CO16274	CO16386	11.48	25 1-	4ACSR	0	0	517	149	131	18	13	0.19	8.56	41
CO16346	CO16274	11.52	24 1-	4ACSR	0	0	513	149	130	18	13	0.03	8.59	7
CO16347	CO16346	11.72	23 1-	4ACSR	0	0	495	147	129	18	13	0.17	8.76	38
CO16276	CO16347	11.82	22 1-	4ACSR	0	0	487	146	118	17	12	0.08	8.84	15
CO16297	CO16276	12.01	1 1-	4ACSR	0	0	471	145	4	0	0	0.00	8.84	0
CO16467	CO16276	12.14	21 1-	4ACSR	0	0	461	143	113	16	12	0.24	9.08	46
CO16356	CO16467	12.27	17 1-	4ACSR	0	0	452	142	100	14	10	0.08	9.15	13
CO16357	CO16356	12.50	16 1-	4ACSR	0	0	435	141	90	13	9	0.14	9.30	22
CO16265	CO16357	12.65	3 1-	4ACSR	0	0	426	140	1	0	0	0.00	9.30	0
CO16278	CO16265	12.74	1 1-	4ACSR	0	0	420	139	1	0	0	0.00	9.30	0
CO16277	CO16265	12.78	1 1-	4ACSR	0	0	417	139	0	0	0	0.00	9.30	0
CO16358	CO16265	12.73	1 1-	4ACSR	0	0	420	139	0	0	0	0.00	9.30	0
CO16359	CO16358	12.89	0 1-	4ACSR	0	0	410	138	0	0	0	0.00	9.30	0
CO16264	CO16357	12.65	13 1-	4ACSR	0	0	425	140	89	12	9	0.09	9.38	14
CO16362	CO16264	12.92	11 1-	4ACSR	0	0	408	138	74	10	8	0.13	9.51	17
CO16363	CO16362	12.99	11 1-	4ACSR	0	0	404	137	74	10	8	0.03	9.55	4
CO16364	CO16363	13.05	2 1-	4ACSR	0	0	401	137	6	0	1	0.00	9.55	0
CO16365	CO16364	13.08	1 1-	4ACSR	0	0	399	136	6	0	1	0.00	9.55	0
CO16366	CO16365	13.18	1 1-	4ACSR	0	0	393	136	6	0	1	0.00	9.55	0
CO16267	CO16363	13.08	7 1-	4ACSR	0	0	399	136	55	7	6	0.03	9.58	3
CO16266	CO16267	13.25	6 1-	4ACSR	0	0	389	135	43	6	5	0.05	9.63	4
CO16367	CO16266	13.35	0 1-	4ACSR	0	0	384	134	0	0	0	0.00	9.63	0
CO16368	CO16367	13.42	0 1-	4ACSR	0	0	380	134	0	0	0	0.00	9.63	0
CO16369	CO16266	13.37	6 1-	4ACSR	0	0	383	134	43	6	5	0.03	9.66	2
CO16370	CO16369	13.46	6 1-	4ACSR	0	0	378	134	43	6	5	0.03	9.69	0
CO16375	CO16370	13.54	4 1-	4ACSR	0	0	374	133	37	5	4	0.02	9.70	0
CO16376	CO16375	13.57	3 1-	4ACSR	0	0	372	133	25	3	3	0.01	9.71	0
CO16377	CO16376	13.59	2 1-	4ACSR	0	0	371	133	25	3	3	0.00	9.71	0
CO16378	CO16377	13.93	2 1-	4ACSR	0	0	354	130	25	3	3	0.06	9.77	2
CO16379	CO16378	14.02	2 1-	4ACSR	0	0	350	130	25	3	3	0.01	9.78	0
CO16371	CO16370	13.65	2 1-	4ACSR	0	0	368	132	7	0	1	0.01	9.70	0
CO16372	CO16371	13.71	2 1-	4ACSR	0	0	365	132	7	0	1	0.00	9.70	0
CO16373	CO16372	13.86	2 1-	4ACSR	0	0	358	131	7	0	1	0.01	9.71	0
CO16374	CO16373	14.14	2 1-	4ACSR	0	0	345	129	7	0	1	0.01	9.71	0
CO772001884	CO16374	14.19	0 1-	2ACSR	0	0	343	129	0	0	0	0.00	9.71	0
CO16280	CO16267	13.15	1 1-	4ACSR	0	0	395	136	11	1	1	0.00	9.58	0
CO16279	CO16363	13.06	1 1-	4ACSR	0	0	400	137	13	1	1	0.00	9.55	0
CO16360	CO16264	12.75	2 1-	4ACSR	0	0	419	139	15	2	2	0.01	9.39	0
CO16361	CO16360	12.83	1 1-	4ACSR	0	0	414	138	11	1	1	0.00	9.39	0
CO16348	CO16467	12.24	4 1-	4ACSR	0	0	454	143	13	1	1	0.01	9.09	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16349	CO16348	12.28	4 1-	4ACSR	0	0	451	142	13	1	1	0.00	9.09	0
CO16350	CO16349	12.41	4 1-	4ACSR	0	0	442	141	13	1	1	0.01	9.10	0
CO16351	CO16350	12.46	3 1-	4ACSR	0	0	439	141	10	1	1	0.00	9.10	0
CO16352	CO16351	12.51	3 1-	4ACSR	0	0	435	141	10	1	1	0.00	9.11	0
CO16353	CO16352	12.53	3 1-	4ACSR	0	0	433	140	10	1	1	0.00	9.11	0
CO16354	CO16353	12.64	1 1-	4ACSR	0	0	426	140	4	0	0	0.00	9.11	0
CO16468	CO16354	12.69	1 1-	4ACSR	0	0	423	139	4	0	0	0.00	9.11	0
CO16355	CO16468	12.74	1 1-	4ACSR	0	0	420	139	4	0	0	0.00	9.11	0
CO16281	CO16354	12.69	0 1-	4ACSR	0	0	423	139	0	0	0	0.00	9.11	0
CO16302	CO16347	11.76	1 1-	4ACSR	0	0	492	147	11	1	1	0.00	8.76	0
CO16294	CO16274	11.75	0 1-	4ACSR	0	0	493	147	0	0	0	0.00	8.56	0
CO16344	CO16386	11.63	0 1-	4ACSR	0	0	503	148	0	0	0	0.00	8.37	0
CO16345	CO16344	12.00	0 1-	4ACSR	0	0	472	145	0	0	0	0.00	8.37	0
CO16343	CO16345	12.53	0 1-	4ACSR	0	0	433	140	0	0	0	0.00	8.37	0
CO16295	CO16343	12.66	0 1-	4ACSR	0	0	425	139	0	0	0	0.00	8.37	0
CO16341	CO16343	12.62	0 1-	4ACSR	0	0	427	140	0	0	0	0.00	8.37	0
CO16342	CO16341	12.71	0 1-	4ACSR	0	0	421	139	0	0	0	0.00	8.37	0
CO16340	CO16342	12.82	0 1-	4ACSR	0	0	415	138	0	0	0	0.00	8.37	0
CO16339	CO16340	12.97	0 1-	4ACSR	0	0	406	137	0	0	0	0.00	8.37	0
CO17229	CO16339	13.14	0 1-	4ACSR	0	0	396	136	0	0	0	0.00	8.37	0
CO16298	CO16390	11.01	2 1-	4ACSR	0	0	563	153	7	0	1	0.00	8.09	0
CO16464	CO16275	10.59	0 1-	4ACSR	0	0	610	157	0	0	0	0.00	7.73	0
SW505-A	CO16464	10.59	0 1-	Open	0	0	610	157	0	0	0	0.00	7.73	0
CO16393	CO16395	10.57	1 1-	4ACSR	0	0	613	157	10	1	1	0.00	7.67	0
CO16394	CO16393	10.62	1 1-	4ACSR	0	0	606	157	10	1	1	0.00	7.68	0
CO16299	CO16398	10.35	0 1-	4ACSR	0	0	640	159	0	0	0	0.00	7.33	0
CO16409	CO16412	9.46	2 1-	4ACSR	0	0	766	168	10	1	1	0.00	6.39	0
CO16410	CO16409	9.48	0 1-	4ACSR	0	0	763	168	0	0	0	0.00	6.39	0
CO16063+	CO16035	8.72	1 1-	4ACSR	0	0	915	303	1	0	0	0.00	5.53	0
CO16051+	CO16025	8.62	2 1-	4ACSR	0	0	921	303	4	0	0	0.00	5.47	0
CO16111+	CO16108	8.55	4 1-	4ACSR	0	0	925	304	22	1	1	0.00	5.44	0
CO16112+	CO16111	8.59	2 1-	4ACSR	0	0	920	303	6	0	0	0.00	5.44	0
CO16106+	CO16024	7.91	16 3-	2ACSR	1252	1158	973	307	90	2	1	0.01	5.08	0
CO16107+	CO16106	7.93	15 3-	2ACSR	1249	1155	970	306	90	2	1	0.00	5.09	0
CO16087+	CO16107	8.08	1 1-	2ACSR	0	0	953	304	4	0	0	0.00	5.09	0
CO16105+	CO16107	7.98	14 3-	2ACSR	1242	1149	964	306	86	2	1	0.00	5.09	0
CO16101+	CO16105	8.07	3 1-	2ACSR	0	0	954	305	37	2	1	0.00	5.09	0
CO16102+	CO16101	8.12	3 1-	2ACSR	0	0	948	304	37	2	1	0.00	5.09	0
CO16103+	CO16102	8.15	2 1-	2ACSR	0	0	945	304	22	1	1	0.00	5.09	0
CO16104+	CO16103	8.22	1 1-	2ACSR	0	0	937	303	11	0	0	0.00	5.09	0
CO16098+	CO16105	8.09	10 3-	2ACSR	1227	1136	951	304	46	1	1	0.00	5.09	0
CO16099+	CO16098	8.14	9 3-	2ACSR	1221	1131	946	304	46	1	1	0.00	5.09	0
CO16100+	CO16099	8.36	8 3-	2ACSR	1192	1105	921	301	42	0	1	0.00	5.09	0
CO16095+	CO16100	8.46	3 1-	2ACSR	0	0	910	300	17	1	1	0.00	5.09	0
CO16096+	CO16095	8.57	2 1-	2ACSR	0	0	898	298	17	1	1	0.00	5.09	0
CO16097+	CO16096	8.62	1 1-	2ACSR	0	0	893	298	0	0	0	0.00	5.09	0
CO16094+	CO16100	8.44	4 3-	2ACSR	1182	1097	913	300	21	0	0	0.00	5.09	0
CO17204+	CO16094	8.51	2 3-	2ACSR	1172	1088	904	299	14	0	0	0.00	5.09	0
CO16599+	CO17204	8.59	0 3-	2ACSR	1163	1080	896	298	0	0	0	0.00	5.09	0
CO16600+	CO16599	8.78	0 3-	2ACSR	1139	1059	876	296	0	0	0	0.00	5.09	0
CO16715+	CO16600	8.79	0 3-	2ACSR	1138	1058	876	296	0	0	0	0.00	5.09	0
SW506-A+	CO16715	8.79	0 3-	Open	1138	1058	876	296	0	0	0	0.00	5.09	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17202+	CO17204	8.68	2 1-	2ACSR	0	0	887	297	14	1	1	0.00	5.09	0
CO16049+	CO16179	7.38	9 1-	4ACSR	0	0	1024	310	36	2	2	0.01	4.90	0
CO16241+	CO16049	7.39	9 1-	4ACSR	0	0	1023	310	36	2	2	0.00	4.90	0
OC485+	CO16241	7.39	9 1-	25 E OCR	0	0	1023	310	36	2	10	0.00	4.90	0
CO16242+	OC485	7.46	9 1-	4ACSR	0	0	1012	309	36	2	2	0.00	4.90	0
CO16161+	CO16242	7.59	8 1-	4ACSR	0	0	992	307	36	2	2	0.01	4.91	0
CO16162+	CO16161	7.89	8 1-	4ACSR	0	0	948	301	36	2	2	0.02	4.93	0
CO16050+	CO16162	7.95	1 1-	4ACSR	0	0	940	300	14	0	1	0.00	4.93	0
CO16163+	CO16162	7.92	7 1-	4ACSR	0	0	943	301	22	1	1	0.00	4.93	0
CO16164+	CO16163	7.96	7 1-	4ACSR	0	0	938	300	22	1	1	0.00	4.93	0
CO16169+	CO16164	8.45	3 1-	4ACSR	0	0	873	292	17	1	1	0.01	4.94	0
CO16168+	CO16169	8.58	3 1-	4ACSR	0	0	858	290	17	1	1	0.00	4.95	0
CO16174+	CO16168	8.95	1 1-	4ACSR	0	0	813	283	4	0	0	0.00	4.95	0
CO16175+	CO16174	9.25	1 1-	4ACSR	0	0	781	279	4	0	0	0.00	4.95	0
CO16176+	CO16175	9.30	1 1-	4ACSR	0	0	776	278	4	0	0	0.00	4.95	0
CO16177+	CO16176	9.33	1 1-	4ACSR	0	0	772	278	4	0	0	0.00	4.95	0
CO16178+	CO16177	9.39	1 1-	4ACSR	0	0	766	277	4	0	0	0.00	4.95	0
CO16170+	CO16168	8.78	2 1-	4ACSR	0	0	833	286	13	0	1	0.00	4.95	0
CO16171+	CO16170	8.97	2 1-	4ACSR	0	0	811	283	13	0	1	0.00	4.95	0
CO16172+	CO16171	9.03	2 1-	4ACSR	0	0	805	282	13	0	1	0.00	4.96	0
CO16173+	CO16172	9.18	1 1-	4ACSR	0	0	788	280	12	0	1	0.00	4.96	0
CO16165+	CO16164	8.24	1 1-	4ACSR	0	0	900	295	2	0	0	0.00	4.93	0
CO16166+	CO16165	8.66	1 1-	4ACSR	0	0	847	288	2	0	0	0.00	4.93	0
CO16167+	CO16166	8.95	1 1-	2ACSR	0	0	820	285	2	0	0	0.00	4.93	0
CO16089+	CO16163	7.95	0 1-	2ACSR	0	0	940	300	0	0	0	0.00	4.93	0
CO16239+	CO16188	6.38	0 1-	6ACWC	0	0	1136	318	0	0	0	0.00	4.42	0
CO16237+	CO16188	6.38	0 1-	6ACWC	0	0	1136	318	0	0	0	0.00	4.42	0
OC487+	CO16237	6.38	0 1-	10 N FUSE	0	0	1136	318	0	0	0	0.00	4.42	0
CO16238+	OC487	6.62	0 1-	6ACWC	0	0	1092	313	0	0	0	0.00	4.42	0
CO16083+	CO16238	6.68	0 1-	6ACWC	0	0	1080	312	0	0	0	0.00	4.42	0
XFMR30	CO16039	4.75	33 1-	333 KVA 1PH AUT	0	0	933	174	327	22	99	0.85	4.42	0
CO16042	XFMR30	4.85	33 1-	4ACSR	0	0	912	173	327	45	33	0.22	4.64	117
CO16257	CO16042	4.86	33 1-	4ACSR	0	0	910	173	326	45	33	0.01	4.65	7
OC490	CO16257	4.86	33 1-	50 H OCR	0	0	910	173	326	45	92	0.00	4.65	0
CO16258	OC490	5.02	33 1-	4ACSR	0	0	878	171	326	45	33	0.34	4.99	183
CO16073	CO16258	5.06	1 1-	4ACSR	0	0	870	170	15	2	2	0.00	5.00	0
CO16201	CO16258	5.10	32 1-	4ACSR	0	0	863	170	310	43	31	0.15	5.14	75
CO16202	CO16201	5.23	30 1-	4ACSR	0	0	837	169	306	43	31	0.26	5.40	132
CO16043	CO16202	5.50	28 1-	4ACSR	0	0	788	166	298	41	30	0.50	5.91	250
CO16074	CO16043	5.69	1 1-	4ACSR	0	0	755	164	5	0	0	0.00	5.91	0
CO16044	CO16043	5.84	25 1-	4ACSR	0	0	729	162	281	39	28	0.62	6.53	291
CO16045	CO16044	5.94	23 1-	4ACSR	0	0	714	161	250	35	25	0.15	6.68	64
CO16226	CO16045	6.01	1 1-	4ACSR	0	0	702	161	12	1	1	0.00	6.68	0
CO16227	CO16226	6.37	0 1-	4ACSR	0	0	649	157	0	0	0	0.00	6.68	0
CO16228	CO16227	6.60	0 1-	4ACSR	0	0	619	155	0	0	0	0.00	6.68	0
CO16229	CO16228	6.73	0 1-	4ACSR	0	0	602	154	0	0	0	0.00	6.68	0
CO16230	CO16229	6.84	0 1-	4ACSR	0	0	589	153	0	0	0	0.00	6.68	0
CO16048	CO16045	6.01	22 1-	4ACSR	0	0	703	161	238	33	24	0.11	6.78	42
CO16086	CO16048	6.03	0 1-	4ACSR	0	0	699	160	0	0	0	0.00	6.78	0
CO16205	CO16048	6.17	21 1-	4ACSR	0	0	678	159	231	32	24	0.23	7.01	85
CO16206	CO16205	6.20	19 1-	4ACSR	0	0	673	159	201	28	21	0.04	7.05	13
CO16207	CO16206	6.26	18 1-	4ACSR	0	0	665	158	187	26	19	0.07	7.12	21

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16084	CO16207	6.28	1 1-	4ACSR	0	0	661	158	9	1	1	0.00	7.12	0
CO16047	CO16207	6.33	16 1-	4ACSR	0	0	654	157	167	23	17	0.08	7.20	20
CO16213	CO16047	6.36	9 1-	4ACSR	0	0	650	157	86	12	9	0.02	7.21	2
CO16214	CO16213	6.42	8 1-	4ACSR	0	0	642	157	86	12	9	0.03	7.24	5
CO16215	CO16214	6.48	8 1-	4ACSR	0	0	635	156	86	12	9	0.03	7.28	5
CO16216	CO16215	6.53	8 1-	4ACSR	0	0	627	156	86	12	9	0.03	7.31	4
CO16217	CO16216	6.68	7 1-	4ACSR	0	0	608	154	74	10	8	0.07	7.38	9
CO17167	CO16217	6.72	2 1-	4ACSR	0	0	603	154	5	0	1	0.00	7.38	0
CO14193	CO17167	6.79	2 1-	4ACSR	0	0	595	153	5	0	1	0.00	7.38	0
CO14194	CO14193	6.85	1 1-	4ACSR	0	0	588	153	5	0	1	0.00	7.38	0
CO16080	CO16217	6.72	1 1-	4ACSR	0	0	603	154	15	2	2	0.00	7.38	0
CO16218	CO16217	6.75	4 1-	4ACSR	0	0	600	154	53	7	5	0.02	7.40	0
CO16219	CO16218	6.76	3 1-	4ACSR	0	0	598	154	31	4	3	0.00	7.40	0
CO16046	CO16219	6.84	1 1-	4ACSR	0	0	589	153	5	0	1	0.00	7.40	0
CO16079	CO16046	6.97	1 1-	4ACSR	0	0	574	152	5	0	1	0.00	7.40	0
CO16259	CO16046	6.84	0 1-	4ACSR	0	0	588	153	0	0	0	0.00	7.40	0
CO16220	CO16219	6.85	2 1-	4ACSR	0	0	588	153	26	3	3	0.01	7.41	0
CO16221	CO16220	6.89	1 1-	4ACSR	0	0	583	152	12	1	1	0.00	7.41	0
CO16208	CO16047	6.39	5 1-	4ACSR	0	0	646	157	54	7	6	0.02	7.22	0
CO16209	CO16208	6.43	4 1-	4ACSR	0	0	641	157	47	6	5	0.01	7.23	0
CO16085	CO16209	6.46	1 1-	4ACSR	0	0	637	156	11	1	1	0.00	7.23	0
CO16210	CO16209	6.47	2 1-	4ACSR	0	0	636	156	21	2	2	0.01	7.23	0
CO16211	CO16210	6.50	2 1-	4ACSR	0	0	631	156	21	2	2	0.01	7.24	0
CO16077	CO16211	6.55	1 1-	4ACSR	0	0	625	155	9	1	1	0.00	7.24	0
CO16212	CO16211	6.56	1 1-	4ACSR	0	0	623	155	12	1	1	0.00	7.24	0
CO16078	CO16208	6.41	1 1-	4ACSR	0	0	644	157	7	1	1	0.00	7.22	0
CO16076	CO16044	5.96	1 1-	4ACSR	0	0	711	161	15	2	1	0.01	6.53	0
CO16075	CO16044	5.87	1 1-	4ACSR	0	0	724	162	14	2	1	0.00	6.53	0
CO16224	CO16043	5.64	2 1-	4ACSR	0	0	763	164	11	1	1	0.01	5.92	0
CO16225	CO16224	5.67	2 1-	4ACSR	0	0	757	164	11	1	1	0.00	5.92	0
CO16222	CO16225	5.76	1 1-	4ACSR	0	0	743	163	0	0	0	0.00	5.92	0
CO16223	CO16222	5.88	1 1-	4ACSR	0	0	723	162	0	0	0	0.00	5.92	0
CO16072	CO16223	6.09	1 1-	4ACSR	0	0	689	160	0	0	0	0.00	5.92	0
CO16261	CO16223	5.88	0 1-	4ACSR	0	0	722	162	0	0	0	0.00	5.92	0
CO16203	CO16202	5.33	2 1-	4ACSR	0	0	819	168	8	1	1	0.00	5.41	0
CO16204	CO16203	5.40	1 1-	4ACSR	0	0	806	167	4	0	0	0.00	5.41	0
CO16069+	CO17187	4.10	2 1-	4ACSR	0	0	1477	331	16	1	1	0.00	3.18	0
CO15517+	CO15161	3.04	8 1-	4ACSR	0	0	1718	338	48	3	2	0.00	2.41	0
OC458+	CO15517	3.04	8 1-	10 N FUSE	0	0	1718	338	48	3	33	0.00	2.41	0
CO15518+	OC458	3.22	8 1-	4ACSR	0	0	1647	334	48	3	2	0.01	2.42	0
CO15264+	CO15518	3.31	7 1-	4ACSR	0	0	1611	332	31	2	2	0.00	2.42	0
CO15268+	CO15264	3.41	7 1-	4ACSR	0	0	1576	330	31	2	2	0.00	2.43	0
CO15265+	CO15268	3.50	5 1-	4ACSR	0	0	1542	328	29	1	1	0.00	2.43	0
CO15267+	CO15265	3.52	3 1-	4ACSR	0	0	1535	328	26	1	1	0.00	2.43	0
CO15266+	CO15267	3.58	3 1-	4ACSR	0	0	1515	327	26	1	1	0.00	2.43	0
CO17189+	CO15266	3.72	1 1-	2ACSR	0	0	1475	325	0	0	0	0.00	2.43	0
CO15405+	CO15294	2.38	3 1-	4ACSR	0	0	1901	342	48	3	2	0.00	1.88	0
CO15404+	CO15405	2.48	1 1-	4ACSR	0	0	1852	339	16	1	1	0.00	1.88	0
CO15192+	CO15163	2.12	1 1-	4ACSR	0	0	1990	344	10	0	0	0.00	1.69	0
CO17185+	CO17243	2.05	4 1-	4ACSR	0	0	2007	343	33	2	2	0.00	1.60	0
CO15933+	CO17185	2.13	1 1-	4ACSR	0	0	1963	341	0	0	0	0.00	1.60	0
CO15885+	CO17185	2.10	1 1-	4ACSR	0	0	1977	342	18	1	1	0.00	1.60	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15884+	CO15870	1.84	1 1-	4ACSR	0	0	2070	343	15	0	1	0.00	1.37	0
CO15883+	CO15870	1.71	2 1-	4ACSR	0	0	2144	346	15	1	1	0.00	1.37	0
CO17191+	CO15935	1.62	2 1-	4ACSR	0	0	2180	347	20	1	1	0.00	1.31	0
CO15409+	CO17191	1.67	1 1-	4ACSR	0	0	2154	346	0	0	0	0.00	1.31	0
CO15454+	CO15176	1.14	6 1-	4ACSR	0	0	2400	350	41	2	2	0.00	0.93	0
CO15453+	CO15454	1.29	1 1-	4ACSR	0	0	2296	347	18	1	1	0.00	0.94	0
CO15455+	CO15363	0.86	2 1-	4ACSR	0	0	2510	349	5	0	0	0.00	0.56	0
CO15457+	CO15455	1.00	1 1-	4ACSR	0	0	2399	346	5	0	0	0.00	0.57	0
CO15456+	CO15457	1.03	1 1-	4ACSR	0	0	2373	345	5	0	0	0.00	0.57	0
CO15239+	CO15363	0.81	1 1-	4ACSR	0	0	2548	350	0	0	0	0.00	0.56	0
CO15253+	CO15364	0.71	1 1-	4ACSR	0	0	2616	351	8	0	0	0.00	0.51	0
CO15504+	CO15175	0.63	3 1-	4ACSR	0	0	2658	352	27	1	1	0.00	0.44	0
CO15503+	CO15504	0.64	2 1-	4ACSR	0	0	2650	351	27	1	1	0.00	0.44	0
CO15505+	CO15503	0.70	2 1-	4ACSR	0	0	2599	350	27	1	1	0.00	0.45	0
CO15263+	CO15505	0.74	1 1-	4ACSR	0	0	2571	349	0	0	0	0.00	0.45	0
CO15256+	CO15505	0.72	1 1-	1/0PRIURD	0	0	2589	861	27	1	1	0.00	0.45	0
CO15232+	CO15348	0.19	0 3-	1/0PRIURD	2983	2989	2981	906	0	0	0	0.00	0.14	0
CO15509+	CO15507	0.01	669 3-	750 MCM - 42 Wi	3060	3096	3114	357	6982	158	14	0.00	0.01	9
Mt. Carmel+	CO15509	0.01	669 3-	VWVE	3060	3096	3114	357	6982	158	20	0.00	0.01	0
CO15344+	Mt. Carmel	0.04	669 3-	4/0ACSR	3045	3074	3090	357	6982	158	46	0.02	0.03	220
CO15341+	CO15344	0.21	669 3-	4/0ACSR	2963	2969	2964	356	6981	158	46	0.13	0.17	1198
CO15343+	CO15341	0.36	669 3-	4/0ACSR	2891	2888	2857	355	6975	158	46	0.12	0.29	1090
CO-1789146758+	CO15343	0.39	0 1-	2ACSR	0	0	2836	355	0	0	0	0.00	0.29	0
CO15342+	CO15343	0.40	668 3-	4/0ACSR	2874	2868	2832	355	6963	157	46	0.03	0.32	264
CO15230+	CO15342	0.45	1 1-	4ACSR	0	0	2784	354	18	1	1	0.00	0.32	0
OC-332258621+	CO15230	0.45	0 1-	20 N FUSE	0	0	2784	354	0	0	0	0.00	0.32	0
CO15346+	CO15342	0.48	667 3-	4/0ACSR	2839	2828	2780	354	6944	157	46	0.06	0.38	561
CO15345+	CO15346	0.55	667 3-	4/0ACSR	2809	2795	2737	354	6942	157	46	0.05	0.43	471
CO15391+	CO15345	0.58	663 3-	4/0ACSR	2793	2777	2714	354	6880	156	46	0.03	0.46	260
CO17174+	CO15391	0.66	657 3-	4/0ACSR	2759	2737	2665	353	5786	131	39	0.05	0.52	398
CO15991+	CO17174	1.10	656 3-	4/0ACSR	2582	2539	2422	351	5784	131	39	0.29	0.80	2176
CO15992+	CO15991	1.26	656 3-	4/0ACSR	2526	2477	2348	350	5774	131	39	0.10	0.90	748
CO15993+	CO15992	1.47	656 3-	4/0ACSR	2450	2393	2250	348	5771	131	39	0.14	1.04	1061
CO15994+	CO15993	1.59	656 3-	4/0ACSR	2411	2350	2200	347	5766	131	39	0.08	1.12	575
CO15872+	CO15994	1.68	653 3-	4/0ACSR	2380	2316	2161	347	5747	130	38	0.06	1.18	465
CO15986+	CO15872	1.72	649 3-	4/0ACSR	2367	2302	2146	347	5719	130	38	0.02	1.21	184
CO15987+	CO15986	2.38	649 3-	4/0ACSR	2172	2091	1910	342	5719	130	38	0.42	1.63	3193
SW1019572393-B+	CO15987	2.38	648 3-	Closed	2172	2091	1910	342	5694	129	0	0.00	1.63	0
SW1019572393-A+	SW1019572393-B	2.38	648 3-	Closed	2172	2091	1910	342	5694	129	0	0.00	1.63	0
CO15988+	SW1019572393-A	2.54	648 3-	4/0ACSR	2127	2043	1858	341	5694	129	38	0.11	1.74	809
CO15978+	CO15988	2.69	184 3-	1/0CU	2088	2002	1813	340	1387	32	11	0.03	1.77	58
CO16021+	CO15978	2.70	184 3-	1/0CU	2087	2000	1811	340	1386	32	11	0.00	1.77	3
XFMR330	CO16021	2.70	184 3-	500 KVA 1PH AUT	1168	1157	1122	176	1386	32	94	1.46	3.23	0
OH329	XFMR330	2.70	184 3-	1/0CU	1168	1157	1122	176	1386	65	21	0.00	3.23	0
OC484	OH329	2.70	184 3-	70 E OCR	1168	1157	1122	176	1386	65	93	0.00	3.23	0
CO16022	OC484	2.75	184 3-	1/0CU	1162	1149	1113	176	1386	65	21	0.04	3.27	69
CO15979	CO16022	2.79	183 3-	1/0CU	1156	1143	1104	176	1386	65	21	0.03	3.30	66
CO15980	CO15979	2.80	183 3-	1/0CU	1154	1141	1101	176	1386	65	21	0.01	3.31	18
CO2060903933	CO15980	2.84	0 1-	2ACSR	0	0	1092	175	0	0	0	0.00	3.31	0
OC1051516295	CO2060903933	2.84	0 1-	20 N FUSE	0	0	1092	175	0	0	0	0.00	3.31	0
CO15981	CO15980	2.92	182 3-	1/0CU	1137	1122	1078	175	1367	64	21	0.10	3.41	181

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15970	CO15981	3.03	175 3-	1/0CU	1122	1106	1057	175	1308	61	20	0.08	3.49	146
CO15971	CO15970	3.09	175 3-	1/0CU	1114	1096	1046	175	1307	61	20	0.05	3.54	86
CO30613	CO15971	3.21	174 3-	1/0CU	1098	1078	1024	174	1303	61	20	0.09	3.63	167
FD-933864218	CO30613	3.21	174 3-	_DefaultBayEqui	1098	1078	1024	174	1303	61	0	0.00	3.63	0
CO25737	FD-933864218	3.31	174 3-	1/0CU	1085	1065	1007	174	1303	61	20	0.07	3.70	129
OC-933864218	CO25737	3.31	141 3-	20 N FUSE	1085	1065	1007	174	998	47	236	0.00	3.70	0
CO25764	OC-933864218	3.42	141 3-	1/0CU	1071	1049	988	173	998	47	15	0.07	3.77	89
CO25765	CO25764	3.54	141 3-	1/0CU	1055	1032	968	173	998	47	15	0.07	3.84	100
CO25704	CO25765	3.88	140 3-	1/0CU	1015	987	917	172	988	46	15	0.19	4.04	265
CO25689	CO25704	3.98	140 3-	1/0CU	1004	975	902	171	986	46	15	0.06	4.09	78
CO25709	CO25689	4.06	1 1-	4ACSR	0	0	887	170	6	0	1	0.00	4.10	0
OC-1176002341	CO25709	4.06	0 1-	20 N FUSE	0	0	887	170	0	0	0	0.00	4.10	0
CO25766	CO25689	4.10	139 3-	1/0CU	991	961	886	171	980	46	15	0.07	4.16	89
CO25767	CO25766	4.18	138 3-	1/0CU	982	951	875	170	965	45	15	0.05	4.21	63
CO25690	CO25767	4.52	105 3-	1/0CU	946	912	832	169	735	34	11	0.15	4.35	149
CO25769	CO25690	4.63	1 1-	4ACSR	0	0	811	168	0	0	0	0.00	4.35	0
OC-109759334	CO25769	4.63	1 1-	20 N FUSE	0	0	811	168	0	0	0	0.00	4.35	0
CO25770	OC-109759334	4.70	1 1-	4ACSR	0	0	799	167	0	0	0	0.00	4.35	0
CO25691	CO25690	4.60	104 3-	1/0CU	938	904	823	169	734	34	11	0.03	4.39	33
CO25692	CO25691	4.91	103 3-	1/0CU	907	871	787	168	723	34	11	0.13	4.52	130
CO25774	CO25692	5.00	98 3-	1/0CU	898	861	777	167	683	32	11	0.04	4.56	36
CO25775	CO25774	5.36	98 3-	1/0CU	866	827	740	166	683	32	11	0.14	4.70	137
CO25777	CO25775	5.40	3 1-	2ACSR	0	0	735	166	13	1	1	0.00	4.70	0
OC1167431268	CO25777	5.40	2 1-	20 N FUSE	0	0	735	166	8	1	6	0.00	4.70	0
CO25778	OC1167431268	5.46	2 1-	2ACSR	0	0	728	165	8	1	1	0.00	4.70	0
CO25776	CO25775	5.38	95 3-	1/0CU	864	825	738	166	669	31	10	0.01	4.71	8
CO25693	CO25776	5.46	90 3-	1/0CU	857	818	731	166	632	30	10	0.03	4.74	25
CO25714	CO25693	5.51	1 1-	4ACSR	0	0	724	165	10	1	1	0.00	4.74	0
OC-1159308577	CO25714	5.51	0 1-	20 N FUSE	0	0	724	165	0	0	0	0.00	4.74	0
CO25779	CO25693	5.49	89 3-	1/0CU	855	815	728	166	622	29	10	0.01	4.75	10
CO25780	CO25779	5.56	88 3-	1/0CU	849	809	722	165	622	29	10	0.02	4.77	19
CO25715	CO25780	5.61	2 1-	4ACSR	0	0	714	165	20	2	2	0.00	4.78	0
OC877402098	CO25715	5.61	0 1-	20 N FUSE	0	0	714	165	0	0	0	0.00	4.78	0
CO25694	CO25780	5.65	86 3-	1/0CU	841	801	713	165	602	28	9	0.03	4.80	28
CO25716	CO25694	5.79	1 1-	4ACSR	0	0	693	164	11	1	1	0.01	4.81	0
OC-2141006351	CO25716	5.79	0 1-	20 N FUSE	0	0	693	164	0	0	0	0.00	4.81	0
CO25781	CO25694	5.76	85 3-	1/0CU	832	791	703	165	591	28	9	0.04	4.84	32
CO25782	CO25781	5.84	85 3-	1/0CU	826	785	696	164	591	28	9	0.03	4.87	22
CO25695	CO25782	6.16	84 3-	1/0CU	801	758	669	163	574	27	9	0.11	4.98	87
CO25787	CO25695	6.23	79 3-	1/0CU	796	753	664	163	545	26	8	0.02	5.00	15
CO30364	CO25787	6.46	79 3-	1/0CU	779	736	646	162	545	26	8	0.07	5.07	56
CO26145	CO30364	6.59	45 3-	1/0CU	769	726	637	162	355	16	5	0.03	5.10	14
CO26309	CO26145	6.81	45 3-	1/0CU	754	710	621	161	355	16	5	0.05	5.15	22
CO26310	CO26309	6.88	43 3-	1/0CU	749	705	616	161	330	15	5	0.01	5.16	6
CO26146	CO26310	6.96	20 3-	1/0CU	744	700	611	161	146	6	2	0.01	5.17	0
CO26178	CO26146	7.11	1 1-	4ACSR	0	0	595	159	0	0	0	0.00	5.17	0
OC-466822916	CO26178	7.11	0 1-	20 N FUSE	0	0	595	159	0	0	0	0.00	5.17	0
CO26307	CO26146	7.15	18 3-	1/0CU	732	688	598	160	139	6	2	0.02	5.18	3
CO26308	CO26307	7.34	18 3-	1/0CU	720	675	586	159	139	6	2	0.02	5.20	3
FD-533345056	CO26308	7.34	14 3-	_DefaultBayEqui	720	675	586	159	127	6	0	0.00	5.20	0
CO26147	FD-533345056	7.48	14 3-	1/0CU	711	666	578	159	127	6	2	0.01	5.21	0
OC-533345056	CO26147	7.48	7 3-	20 N FUSE	711	666	578	159	56	2	13	0.00	5.21	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26148	OC-533345056	8.02	7 3-	1/0CU	679	634	546	157	56	2	1	0.02	5.23	0
CO26149	CO26148	8.11	2 3-	1/0CU	674	629	541	157	28	1	0	0.00	5.23	0
CO26182	CO26149	8.23	1 1-	4ACSR	0	0	531	155	20	2	2	0.01	5.23	0
OC289630355	CO26182	8.23	0 1-	20 N FUSE	0	0	531	155	0	0	0	0.00	5.23	0
CO26150	CO26149	8.25	1 3-	1/0CU	667	622	534	156	8	0	0	0.00	5.23	0
CO26330	CO26150	8.64	0 3-	1/0CU	646	601	515	155	0	0	0	0.00	5.23	0
CO26331	CO26330	8.65	0 3-	1/0CU	646	601	514	155	0	0	0	0.00	5.23	0
SW810-A	CO26331	8.65	0 3-	Open	646	601	514	155	0	0	0	0.00	5.23	0
CO26181	CO26150	8.38	1 1-	4ACSR	0	0	523	155	8	1	1	0.00	5.23	0
OC600411457	CO26181	8.38	0 1-	20 N FUSE	0	0	523	155	0	0	0	0.00	5.23	0
CO26334	CO26148	8.03	5 1-	4ACSR	0	0	546	157	29	4	3	0.00	5.23	0
OC796	CO26334	8.03	5 1-	10 N FUSE	0	0	546	157	29	4	41	0.00	5.23	0
CO26335	OC796	8.19	5 1-	4ACSR	0	0	531	155	29	4	3	0.03	5.25	0
CO-523696628	CO26335	8.22	3 1-	2ACSR	0	0	529	155	19	2	2	0.00	5.26	0
CO-782934895	CO-523696628	8.32	2 1-	2ACSR	0	0	522	154	17	2	1	0.00	5.26	0
CO-1593521788	CO-523696628	8.25	1 1-	2ACSR	0	0	527	155	2	0	0	0.00	5.26	0
CO26303	CO-1593521788	8.40	1 1-	4ACSR	0	0	515	153	2	0	0	0.00	5.26	0
CO26304	CO26303	8.63	0 1-	4ACSR	0	0	496	151	0	0	0	0.00	5.26	0
CO26183	CO26335	8.26	1 1-	4ACSR	0	0	526	155	3	0	0	0.00	5.25	0
CO26336	CO26147	7.48	7 1-	4ACSR	0	0	577	159	70	10	7	0.00	5.21	0
OC794	CO26336	7.48	7 1-	25 H OCR	0	0	577	159	70	10	40	0.00	5.21	0
CO26337	OC794	7.54	7 1-	4ACSR	0	0	572	158	70	10	7	0.02	5.23	3
CO26320	CO26337	7.68	6 1-	4ACSR	0	0	557	157	70	9	7	0.07	5.30	8
CO26321	CO26320	8.01	4 1-	4ACSR	0	0	528	154	51	7	5	0.11	5.41	9
CO26151	CO26321	8.08	3 1-	4ACSR	0	0	521	153	49	6	5	0.02	5.44	0
CO26188	CO26151	8.11	1 1-	4ACSR	0	0	519	153	42	6	4	0.00	5.44	0
CO26152	CO26151	8.18	2 1-	4ACSR	0	0	513	152	6	0	1	0.00	5.44	0
CO26153	CO26152	8.37	1 1-	4ACSR	0	0	498	150	0	0	0	0.00	5.44	0
OC1885936024	CO26153	8.37	1 1-	20 N FUSE	0	0	498	150	0	0	0	0.00	5.44	0
CO26186	OC1885936024	8.61	1 1-	4ACSR	0	0	478	148	0	0	0	0.00	5.44	0
CO26154	OC1885936024	8.82	0 1-	4ACSR	0	0	463	147	0	0	0	0.00	5.44	0
CO26319	CO26154	8.99	0 1-	4ACSR	0	0	451	145	0	0	0	0.00	5.44	0
CO30385	CO26319	9.18	0 1-	4ACSR	0	0	438	144	0	0	0	0.00	5.44	0
CO26185	CO26154	8.95	0 1-	4ACSR	0	0	453	146	0	0	0	0.00	5.44	0
CO26184	CO26154	8.95	0 1-	4ACSR	0	0	453	146	0	0	0	0.00	5.44	0
CO26187	CO26152	8.33	1 1-	4ACSR	0	0	501	151	6	0	1	0.00	5.44	0
CO26189	CO26321	8.14	1 1-	4ACSR	0	0	516	153	3	0	0	0.00	5.41	0
CO26193	CO26320	7.78	1 1-	2ACSR	0	0	550	156	13	1	1	0.00	5.30	0
CO26179	CO26308	7.40	1 1-	4ACSR	0	0	580	159	3	0	0	0.00	5.20	0
OC-2083373828	CO26179	7.40	0 1-	20 N FUSE	0	0	580	159	0	0	0	0.00	5.20	0
CO26305	CO26308	7.42	3 1-	4ACSR	0	0	578	158	9	1	1	0.00	5.20	0
OC1841024741	CO26305	7.42	2 1-	20 N FUSE	0	0	578	158	9	1	7	0.00	5.20	0
CO26180	OC1841024741	7.48	1 1-	4ACSR	0	0	572	158	8	1	1	0.00	5.20	0
CO26306	OC1841024741	7.59	1 1-	4ACSR	0	0	561	157	1	0	0	0.00	5.20	0
CO26343	CO26310	6.89	23 1-	4ACSR	0	0	615	161	184	26	19	0.01	5.17	2
OC795	CO26343	6.89	23 1-	25 H OCR	0	0	615	161	184	26	106	0.00	5.17	0
CO26344	OC795	6.99	23 1-	4ACSR	0	0	604	160	184	26	19	0.13	5.30	39
CO26190	CO26344	7.04	1 1-	4ACSR	0	0	598	159	12	1	1	0.00	5.30	0
CO26311	CO26344	7.03	22 1-	4ACSR	0	0	599	159	172	24	18	0.04	5.34	12
CO26312	CO26311	7.39	21 1-	4ACSR	0	0	562	156	165	23	17	0.39	5.73	103
CO26313	CO26312	7.52	20 1-	4ACSR	0	0	550	155	156	22	16	0.14	5.86	35
CO30606	CO26313	7.69	18 1-	4ACSR	0	0	534	153	144	20	15	0.16	6.03	39

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16547	CO30606	7.72	18 1-	4ACSR	0	0	531	153	144	20	15	0.03	6.05	6
CO16548	CO16547	7.83	17 1-	4ACSR	0	0	522	152	141	20	15	0.10	6.15	24
CO16549	CO16548	7.90	17 1-	4ACSR	0	0	515	151	141	20	15	0.07	6.22	17
CO16539	CO16549	7.97	1 1-	4ACSR	0	0	509	151	28	4	3	0.01	6.23	0
CO1220081503	CO16539	8.03	0 1-	1/0PRIURD	0	0	506	291	0	0	0	0.00	6.23	0
CO16502	CO16549	8.30	16 1-	4ACSR	0	0	482	148	113	16	12	0.30	6.52	56
CO391983760	CO16502	8.44	4 1-	4ACSR	0	0	471	147	12	1	1	0.01	6.53	0
OC1840980965	CO391983760	8.44	4 1-	20 N FUSE	0	0	471	147	12	1	9	0.00	6.53	0
CO94789687	OC1840980965	8.64	4 1-	4ACSR	0	0	456	145	12	1	1	0.02	6.55	0
CO30607	CO94789687	8.78	4 1-	4ACSR	0	0	446	144	12	1	1	0.01	6.56	0
CO26318	CO30607	8.82	4 1-	4ACSR	0	0	444	144	12	1	1	0.00	6.56	0
CO30609	CO26318	9.41	1 1-	4ACSR	0	0	407	139	1	0	0	0.00	6.57	0
CO15899	CO30609	9.46	0 1-	4ACSR	0	0	403	139	0	0	0	0.00	6.57	0
CO30608	CO26318	8.95	1 1-	4ACSR	0	0	435	142	8	1	1	0.00	6.57	0
CO26177	CO26318	8.98	1 1-	4ACSR	0	0	433	142	0	0	0	0.00	6.56	0
CO26317	CO26318	8.89	1 1-	4ACSR	0	0	439	143	3	0	0	0.00	6.57	0
CO26316	CO26317	8.99	1 1-	4ACSR	0	0	432	142	3	0	0	0.00	6.57	0
CO26176	CO26316	9.08	1 1-	4ACSR	0	0	426	141	3	0	0	0.00	6.57	0
CO-979807252	OC1840980965	8.46	0 1-	4ACSR	0	0	470	146	0	0	0	0.00	6.53	0
CO16550	CO16502	8.81	12 1-	4ACSR	0	0	444	144	101	14	10	0.35	6.87	59
OC-198714742	CO16550	8.81	12 1-	20 N FUSE	0	0	444	144	101	14	73	0.00	6.87	0
CO16551	OC-198714742	8.90	12 1-	4ACSR	0	0	438	143	101	14	10	0.06	6.93	10
CO16552	CO16551	8.99	11 1-	4ACSR	0	0	432	142	97	14	10	0.06	6.99	10
CO16555	CO16552	9.07	9 1-	4ACSR	0	0	427	142	77	11	8	0.04	7.03	5
CO16556	CO16555	9.52	9 1-	4ACSR	0	0	400	138	77	11	8	0.21	7.25	26
CO16557	CO16556	9.62	7 1-	4ACSR	0	0	394	137	63	9	7	0.04	7.29	4
OC-358348579	CO16557	9.62	7 1-	20 N FUSE	0	0	394	137	63	9	46	0.00	7.29	0
CO16501	OC-358348579	10.10	6 1-	4ACSR	0	0	369	134	55	8	6	0.18	7.47	17
CO16558	CO16501	10.24	5 1-	4ACSR	0	0	362	133	32	4	3	0.03	7.50	0
CO16559	CO16558	10.29	4 1-	4ACSR	0	0	360	133	32	4	3	0.01	7.51	0
CO16562	CO16559	10.38	2 1-	4ACSR	0	0	356	132	12	1	1	0.01	7.51	0
CO16563	CO16562	10.46	2 1-	4ACSR	0	0	352	131	12	1	1	0.01	7.52	0
CO16560	CO16563	10.54	2 1-	4ACSR	0	0	348	131	12	1	1	0.01	7.53	0
CO16561	CO16560	10.66	1 1-	4ACSR	0	0	343	130	12	1	1	0.01	7.53	0
CO55267156	CO16561	10.78	0 1-	2ACSR	0	0	339	130	0	0	0	0.00	7.53	0
CO-727243518	CO55267156	10.80	0 1-	2ACSR	0	0	338	129	0	0	0	0.00	7.53	0
CO-470025806	CO55267156	10.81	0 1-	2ACSR	0	0	338	129	0	0	0	0.00	7.53	0
CO16541	CO16501	10.17	1 1-	4ACSR	0	0	366	133	22	3	2	0.01	7.47	0
CO16540	OC-358348579	9.69	1 1-	4ACSR	0	0	390	137	8	1	1	0.00	7.29	0
CO16554	CO16552	9.08	1 1-	4ACSR	0	0	427	141	8	1	1	0.00	6.99	0
CO16553	CO16552	9.04	1 1-	4ACSR	0	0	429	142	11	1	1	0.00	6.99	0
CO26314	CO26313	7.66	2 1-	4ACSR	0	0	537	153	11	1	1	0.01	5.87	0
CO26315	CO26314	7.73	1 1-	4ACSR	0	0	530	153	1	0	0	0.00	5.87	0
CO26347	CO30364	6.46	34 1-	6ACWC	0	0	646	162	190	27	20	0.01	5.08	3
OC798	CO26347	6.46	34 1-	10 N FUSE	0	0	646	162	190	27	274	0.00	5.08	0
CO30363	OC798	6.87	34 1-	2ACSR	0	0	606	159	190	27	15	0.37	5.45	108
CO-273647492	CO30363	6.96	0 1-	2ACSR	0	0	598	159	0	0	0	0.00	5.45	0
CO25788	CO-273647492	7.03	0 1-	6ACWC	0	0	591	158	0	0	0	0.00	5.45	0
CO2036852871	CO30363	7.03	34 1-	2ACSR	0	0	591	158	190	27	15	0.15	5.60	44
CO-767192621	CO2036852871	7.15	34 1-	2ACSR	0	0	581	158	189	27	15	0.10	5.70	30
XFMR118+	CO-767192621	7.15	34 1-	333 KVA 1PH AUT	0	0	208	164	189	27	59	0.66	6.36	0
CO-1753584219+	XFMR118	7.46	34 1-	2ACSR	0	0	206	162	189	13	8	0.07	6.43	21

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1855373228+	CO-1753584219	7.46	34 1-	35 E OCR	0	0	206	162	189	13	39	0.00	6.43	0
CO839455378+	OC-1855373228	7.50	34 1-	2ACSR	0	0	206	162	189	13	8	0.01	6.44	3
CO25790+	CO839455378	7.54	34 1-	4ACSR	0	0	206	162	189	13	10	0.01	6.45	4
CO25789+	CO25790	7.61	33 1-	4ACSR	0	0	205	162	184	13	10	0.02	6.47	6
CO25688+	CO25789	7.70	29 1-	4ACSR	0	0	205	161	168	12	9	0.02	6.50	7
CO25792+	CO25688	7.74	28 1-	4ACSR	0	0	205	161	168	12	9	0.01	6.51	3
CO25791+	CO25792	7.81	28 1-	4ACSR	0	0	204	161	168	12	9	0.02	6.53	6
CO25707+	CO25791	7.90	0 1-	4ACSR	0	0	204	160	0	0	0	0.00	6.53	0
CO25687+	CO25791	8.00	28 1-	4ACSR	0	0	203	160	168	12	9	0.05	6.58	15
CO25706+	CO25687	8.13	1 1-	4ACSR	0	0	202	159	4	0	0	0.00	6.58	0
CO25793+	CO25687	8.11	2 1-	4ACSR	0	0	202	159	22	1	1	0.00	6.58	0
CO-1706399265+	CO25793	8.15	0 1-	2ACSR	0	0	202	159	0	0	0	0.00	6.58	0
CO25794+	CO25793	8.14	2 1-	4ACSR	0	0	202	159	22	1	1	0.00	6.59	0
CO25795+	CO25794	8.18	2 1-	4ACSR	0	0	202	159	22	1	1	0.00	6.59	0
CO25798+	CO25687	8.13	25 1-	4ACSR	0	0	202	159	141	10	7	0.03	6.61	7
CO25797+	CO25798	8.23	25 1-	4ACSR	0	0	202	159	141	10	7	0.02	6.64	5
CO25796+	CO25797	8.34	24 1-	4ACSR	0	0	201	158	137	9	7	0.03	6.66	6
CO30362+	CO25796	8.74	4 1-	4ACSR	0	0	199	156	9	0	0	0.01	6.67	0
CO26078+	CO30362	8.83	4 1-	4ACSR	0	0	198	156	9	0	0	0.00	6.67	0
CO26081+	CO26078	9.02	1 1-	4ACSR	0	0	197	155	1	0	0	0.00	6.67	0
CO26082+	CO26081	9.31	1 1-	4ACSR	0	0	196	154	1	0	0	0.00	6.67	0
CO26079+	CO26078	9.22	3 1-	4ACSR	0	0	196	154	8	0	0	0.00	6.67	0
CO26080+	CO26079	9.43	1 1-	4ACSR	0	0	195	153	6	0	0	0.00	6.67	0
CO26077+	CO26080	9.47	0 1-	2ACSR	0	0	195	153	0	0	0	0.00	6.67	0
CO25686+	CO25796	8.37	19 1-	4ACSR	0	0	201	158	116	8	6	0.01	6.67	0
CO30359+	CO25686	8.68	15 1-	4ACSR	0	0	199	157	85	6	4	0.04	6.71	6
CO30361+	CO30359	9.11	9 1-	4ACSR	0	0	197	155	27	1	1	0.02	6.73	0
CO26599+	CO30361	9.17	1 1-	4ACSR	0	0	196	154	2	0	0	0.00	6.73	0
CO26739+	CO30361	9.21	6 1-	4ACSR	0	0	196	154	21	1	1	0.00	6.73	0
CO26740+	CO26739	9.38	6 1-	4ACSR	0	0	195	153	21	1	1	0.01	6.74	0
CO26741+	CO26740	9.52	6 1-	4ACSR	0	0	194	153	21	1	1	0.00	6.74	0
CO26742+	CO26741	9.59	5 1-	4ACSR	0	0	194	152	13	0	1	0.00	6.74	0
CO26744+	CO26742	9.88	5 1-	4ACSR	0	0	192	151	13	0	1	0.01	6.75	0
CO26743+	CO26744	9.99	5 1-	4ACSR	0	0	192	151	13	0	1	0.00	6.75	0
CO26760+	CO26743	10.15	1 1-	4ACSR	0	0	191	150	1	0	0	0.00	6.75	0
CO26759+	CO26760	10.15	1 1-	4ACSR	0	0	191	150	1	0	0	0.00	6.75	0
CO-224505300+	CO26759	10.27	0 1-	2ACSR	0	0	190	150	0	0	0	0.00	6.75	0
CO26598+	CO26759	10.21	1 1-	4ACSR	0	0	191	150	1	0	0	0.00	6.75	0
CO26747+	CO26743	10.16	4 1-	4ACSR	0	0	191	150	13	0	1	0.00	6.76	0
CO26748+	CO26747	10.21	3 1-	4ACSR	0	0	191	150	11	0	1	0.00	6.76	0
CO26763+	CO26748	10.28	1 1-	4ACSR	0	0	190	150	0	0	0	0.00	6.76	0
CO26597+	CO26748	10.24	2 1-	4ACSR	0	0	190	150	11	0	1	0.00	6.76	0
CO26577+	CO26748	10.33	0 1-	4ACSR	0	0	190	149	0	0	0	0.00	6.76	0
CO26737+	CO30361	9.22	2 1-	4ACSR	0	0	196	154	4	0	0	0.00	6.73	0
CO26738+	CO26737	9.34	2 1-	4ACSR	0	0	195	154	4	0	0	0.00	6.73	0
CO30360+	CO30359	8.78	6 1-	4ACSR	0	0	199	156	58	4	3	0.01	6.72	0
CO26736+	CO30360	8.83	5 1-	4ACSR	0	0	198	156	49	3	3	0.00	6.72	0
CO26735+	CO26736	8.91	4 1-	4ACSR	0	0	198	156	38	2	2	0.01	6.73	0
CO26602+	CO26735	9.03	1 1-	4ACSR	0	0	197	155	13	0	1	0.00	6.73	0
CO26601+	CO26735	9.09	1 1-	4ACSR	0	0	197	155	11	0	1	0.00	6.73	0
CO26733+	CO26735	9.03	2 1-	4ACSR	0	0	197	155	14	1	1	0.00	6.73	0
CO26734+	CO26733	9.09	1 1-	4ACSR	0	0	197	155	1	0	0	0.00	6.73	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25799+	CO25686	8.45	2 1-	4ACSR	0	0	201	158	15	1	1	0.00	6.67	0
CO25800+	CO25799	8.46	2 1-	4ACSR	0	0	200	158	15	1	1	0.00	6.67	0
CO25801+	CO25800	8.55	1 1-	4ACSR	0	0	200	157	7	0	0	0.00	6.67	0
CO25705+	CO25796	8.40	1 1-	4ACSR	0	0	201	158	12	0	1	0.00	6.66	0
CO25708+	CO25688	7.76	1 1-	4ACSR	0	0	205	161	0	0	0	0.00	6.50	0
CO30381+	CO25789	7.98	1 1-	4ACSR	0	0	203	160	1	0	0	0.00	6.47	0
CO26175+	CO30381	8.00	0 1-	4ACSR	0	0	203	160	0	0	0	0.00	6.47	0
CO26174+	CO30381	8.13	1 1-	4ACSR	0	0	202	159	1	0	0	0.00	6.47	0
CO25785	CO25695	6.19	4 1-	4ACSR	0	0	666	163	21	3	2	0.00	4.98	0
CO25786	CO25785	6.29	2 1-	4ACSR	0	0	654	162	15	2	2	0.00	4.99	0
OC-1777860144	CO25786	6.29	1 1-	20 N FUSE	0	0	654	162	0	0	0	0.00	4.99	0
CO25783	OC-1777860144	6.33	1 1-	4ACSR	0	0	648	162	0	0	0	0.00	4.99	0
CO25784	CO25783	6.38	1 1-	4ACSR	0	0	642	161	0	0	0	0.00	4.99	0
CO25718	CO25782	5.92	1 1-	4ACSR	0	0	685	164	16	2	2	0.00	4.88	0
OC2125740921	CO25718	5.92	0 1-	20 N FUSE	0	0	685	164	0	0	0	0.00	4.88	0
CO25713	CO25776	5.44	1 1-	4ACSR	0	0	729	165	8	1	1	0.00	4.71	0
OC-446034754	CO25713	5.44	0 1-	20 N FUSE	0	0	729	165	0	0	0	0.00	4.71	0
CO25808	CO25776	5.39	4 1-	6ACWC	0	0	737	166	29	4	3	0.00	4.71	0
OC780	CO25808	5.39	4 1-	10 N FUSE	0	0	737	166	29	4	42	0.00	4.71	0
CO30610	OC780	5.71	4 1-	6ACWC	0	0	691	163	29	4	3	0.06	4.77	3
CO15902	CO30610	5.82	3 1-	2ACSR	0	0	678	162	26	3	2	0.01	4.78	0
CO15901	CO15902	5.91	2 1-	2ACSR	0	0	668	161	21	3	2	0.00	4.79	0
CO15900	CO30610	5.88	1 1-	6ACWC	0	0	668	161	4	0	0	0.00	4.77	0
CO25773	CO25692	4.95	2 1-	4ACSR	0	0	779	167	18	2	2	0.01	4.52	0
OC-1381368476	CO25773	4.95	2 1-	20 N FUSE	0	0	779	167	18	2	13	0.00	4.52	0
CO30567	OC-1381368476	4.97	2 1-	4ACSR	0	0	777	167	18	2	2	0.00	4.52	0
CO25712	OC-1381368476	5.20	0 1-	4ACSR	0	0	740	165	0	0	0	0.00	4.52	0
CO25771	CO25691	4.67	1 1-	4ACSR	0	0	810	168	11	1	1	0.00	4.39	0
OC809437784	CO25771	4.67	0 1-	20 N FUSE	0	0	810	168	0	0	0	0.00	4.39	0
CO25772	OC809437784	4.71	0 1-	4ACSR	0	0	803	168	0	0	0	0.00	4.39	0
CO25711	CO25767	4.27	1 1-	4ACSR	0	0	857	170	11	1	1	0.00	4.21	0
OC1623055451	CO25711	4.27	0 1-	20 N FUSE	0	0	857	170	0	0	0	0.00	4.21	0
CO25710	CO25767	4.35	1 1-	4ACSR	0	0	842	169	11	1	1	0.01	4.21	0
CO25806	CO25767	4.19	31 1-	4ACSR	0	0	874	170	206	29	21	0.01	4.22	3
OC781	CO25806	4.19	31 1-	35 H OCR	0	0	874	170	206	29	84	0.00	4.22	0
CO25807	OC781	4.33	31 1-	4ACSR	0	0	845	169	206	29	21	0.20	4.41	67
CO25719	CO25807	4.37	1 1-	4ACSR	0	0	838	168	0	0	0	0.00	4.41	0
CO25768	CO25807	4.44	30 1-	4ACSR	0	0	824	168	206	29	21	0.15	4.57	51
CO30611	CO25768	4.96	29 1-	4ACSR	0	0	733	162	198	28	20	0.67	5.23	218
CO15878	CO30611	5.07	1 1-	4ACSR	0	0	714	161	2	0	0	0.00	5.24	0
CO-1275414519	CO15878	5.34	0 1-	2ACSR	0	0	680	159	0	0	0	0.00	5.24	0
CO15903	CO30611	5.22	28 1-	4ACSR	0	0	691	160	194	27	20	0.34	5.58	110
CO15904	CO15903	5.33	28 1-	4ACSR	0	0	674	159	194	27	20	0.15	5.72	47
CO15865	CO15904	5.51	26 1-	4ACSR	0	0	649	157	193	27	20	0.21	5.94	68
CO15908	CO15865	5.56	14 1-	4ACSR	0	0	642	157	64	9	7	0.02	5.96	2
OC761808230	CO15908	5.56	13 1-	20 N FUSE	0	0	642	157	62	8	45	0.00	5.96	0
CO15909	OC761808230	5.57	13 1-	4ACSR	0	0	640	156	62	8	6	0.01	5.97	0
CO15910	CO15909	5.67	13 1-	4ACSR	0	0	627	156	62	8	6	0.04	6.01	4
CO15911	CO15910	5.69	11 1-	4ACSR	0	0	624	155	58	8	6	0.01	6.02	0
CO15912	CO15911	5.73	11 1-	4ACSR	0	0	619	155	58	8	6	0.01	6.03	0
CO15867	CO15912	5.86	8 1-	4ACSR	0	0	603	154	38	5	4	0.03	6.06	0
CO15880	CO15867	5.95	1 1-	4ACSR	0	0	592	153	0	0	0	0.00	6.06	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15879	CO15867	5.97	2 1-	4ACSR	0	0	590	153	8	1	1	0.00	6.07	0
CO15868	CO15867	6.18	5 1-	4ACSR	0	0	566	151	30	4	3	0.05	6.11	0
CO15918	CO15868	6.58	2 1-	4ACSR	0	0	524	148	14	1	1	0.04	6.15	0
CO15919	CO15918	6.89	2 1-	4ACSR	0	0	495	145	14	1	1	0.01	6.16	0
CO15917	CO15919	6.96	1 1-	4ACSR	0	0	489	144	0	0	0	0.00	6.16	0
CO15915	CO15868	6.28	1 1-	4ACSR	0	0	555	150	1	0	0	0.00	6.11	0
CO15916	CO15915	6.40	0 1-	4ACSR	0	0	542	149	0	0	0	0.00	6.11	0
CO15869	CO15912	5.85	3 1-	4ACSR	0	0	605	154	20	2	2	0.02	6.05	0
CO15882	CO15869	5.90	1 1-	4ACSR	0	0	598	153	13	1	1	0.00	6.05	0
CO15913	CO15869	5.91	2 1-	4ACSR	0	0	597	153	7	0	1	0.00	6.05	0
CO15881	CO15913	5.97	1 1-	4ACSR	0	0	590	153	5	0	1	0.00	6.05	0
CO15914	CO15913	6.02	1 1-	4ACSR	0	0	584	152	2	0	0	0.00	6.05	0
CO15866	CO15865	5.60	11 1-	4ACSR	0	0	636	156	119	17	12	0.07	6.01	14
CO15871	CO15866	5.62	9 1-	4ACSR	0	0	634	156	98	14	10	0.01	6.03	0
CO15920	CO15871	5.64	9 1-	4ACSR	0	0	631	156	98	14	10	0.01	6.04	2
CO15921	CO15920	5.67	8 1-	4ACSR	0	0	627	155	95	13	10	0.02	6.06	3
CO15922	CO15921	5.71	7 1-	4ACSR	0	0	622	155	85	12	9	0.02	6.08	3
CO15923	CO15922	5.74	7 1-	4ACSR	0	0	618	155	85	12	9	0.01	6.10	0
CO15924	CO15923	5.83	5 1-	4ACSR	0	0	606	154	62	8	6	0.04	6.13	4
CO15925	CO15924	5.88	5 1-	4ACSR	0	0	600	154	62	8	6	0.02	6.15	0
CO15926	CO15925	6.01	5 1-	4ACSR	0	0	585	152	62	8	6	0.05	6.20	5
CO15927	CO15926	6.09	4 1-	4ACSR	0	0	575	152	55	7	6	0.02	6.23	0
CO1975652266	CO15927	6.11	0 1-	2ACSR	0	0	574	152	0	0	0	0.00	6.23	0
CO-732759384	CO1975652266	6.18	0 1-	2ACSR	0	0	567	151	0	0	0	0.00	6.23	0
CO2083551072	CO1975652266	6.15	0 1-	2ACSR	0	0	570	151	0	0	0	0.00	6.23	0
CO15928	CO15927	6.16	3 1-	4ACSR	0	0	568	151	25	3	3	0.01	6.23	0
CO15929	CO15928	6.24	2 1-	4ACSR	0	0	558	150	11	1	1	0.01	6.24	0
CO15930	CO15929	6.27	2 1-	4ACSR	0	0	556	150	11	1	1	0.00	6.24	0
CO15931	CO15930	6.29	1 1-	4ACSR	0	0	553	150	0	0	0	0.00	6.24	0
CO15877	CO15866	5.68	1 1-	4ACSR	0	0	626	155	14	2	1	0.00	6.02	0
CO15907	CO15904	5.41	1 1-	4ACSR	0	0	663	158	0	0	0	0.00	5.72	0
CO15906	CO15907	5.45	1 1-	4ACSR	0	0	657	158	0	0	0	0.00	5.72	0
CO15905	CO15904	5.48	1 1-	4ACSR	0	0	653	157	0	0	0	0.00	5.72	0
CO25727	CO25765	3.57	1 1-	4ACSR	0	0	961	173	10	1	1	0.00	3.84	0
CO25804	CO25737	3.31	4 1-	4ACSR	0	0	1006	174	47	6	5	0.00	3.71	0
OC779	CO25804	3.31	4 1-	10 N FUSE	0	0	1006	174	47	6	67	0.00	3.71	0
CO25805	OC779	3.37	4 1-	4ACSR	0	0	993	173	47	6	5	0.01	3.72	0
CO25738	CO25805	3.39	3 1-	4ACSR	0	0	988	173	35	4	4	0.00	3.72	0
CO25739	CO25738	3.43	2 1-	4ACSR	0	0	978	172	19	2	2	0.00	3.73	0
CO30612	CO25739	3.60	2 1-	4ACSR	0	0	938	171	19	2	2	0.02	3.74	0
CO15967	CO30612	3.72	1 1-	4ACSR	0	0	908	169	8	1	1	0.01	3.75	0
CO15968	CO15967	3.85	1 1-	4ACSR	0	0	880	168	8	1	1	0.01	3.76	0
CO15969	CO15968	3.91	1 1-	4ACSR	0	0	867	167	8	1	1	0.00	3.76	0
CO15895	CO15967	3.79	0 1-	4ACSR	0	0	894	168	0	0	0	0.00	3.75	0
CO25696	CO25737	3.39	29 1-	4ACSR	0	0	986	173	257	36	26	0.14	3.85	60
CO25728	CO25696	3.45	1 1-	4ACSR	0	0	973	172	4	0	0	0.00	3.85	0
OC609337501	CO25728	3.45	0 1-	20 N FUSE	0	0	973	172	0	0	0	0.00	3.85	0
CO25802	CO25696	3.40	28 1-	4/0ACSR	0	0	985	173	253	35	11	0.00	3.85	0
OC778	CO25802	3.40	28 1-	25 H OCR	0	0	985	173	253	35	143	0.00	3.85	0
CO25803	OC778	3.52	28 1-	4/0ACSR	0	0	966	172	253	35	11	0.06	3.91	19
CO25740	CO25803	3.54	26 1-	4/0ACSR	0	0	962	172	245	34	10	0.01	3.93	4
CO25733	CO25740	3.61	1 1-	2ACSR	0	0	949	172	1	0	0	0.00	3.93	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25741	CO25740	3.63	25 1-	4/0ACSR	0	0	949	172	244	34	10	0.04	3.96	11
CO25742	CO25741	3.76	23 1-	4/0ACSR	0	0	929	172	225	31	9	0.06	4.02	16
CO25732	CO25742	3.83	1 1-	2ACSR	0	0	915	171	15	2	1	0.00	4.03	0
CO25743	CO25742	3.92	21 1-	4/0ACSR	0	0	905	171	208	29	9	0.07	4.10	18
CO25703	CO25743	3.99	6 1-	4ACSR	0	0	891	170	76	10	8	0.03	4.13	4
CO25744	CO25703	4.08	5 1-	4ACSR	0	0	872	169	64	9	6	0.04	4.17	4
CO25745	CO25744	4.11	4 1-	4ACSR	0	0	866	169	60	8	6	0.01	4.18	0
CO25726	CO25745	4.22	1 1-	4ACSR	0	0	845	168	13	1	1	0.00	4.18	0
CO25746	CO25745	4.20	3 1-	4ACSR	0	0	848	168	47	6	5	0.03	4.21	0
CO25747	CO25746	4.20	3 1-	4ACSR	0	0	847	168	47	6	5	0.00	4.21	0
CO25749	CO25747	4.24	2 1-	4ACSR	0	0	841	168	46	6	5	0.01	4.22	0
CO25750	CO25749	4.27	1 1-	4ACSR	0	0	834	167	43	6	4	0.00	4.22	0
CO25748	CO25747	4.26	1 1-	4ACSR	0	0	835	167	0	0	0	0.00	4.21	0
CO25725	CO25703	4.05	1 1-	4ACSR	0	0	879	170	12	1	1	0.00	4.13	0
CO25751	CO25743	4.06	14 1-	4ACSR	0	0	876	170	121	17	12	0.11	4.21	22
OC-883814197	CO25751	4.06	14 1-	20 N FUSE	0	0	876	170	121	17	86	0.00	4.21	0
CO25731	OC-883814197	4.13	1 1-	2ACSR	0	0	863	169	0	0	0	0.00	4.21	0
CO25730	OC-883814197	4.18	1 1-	4ACSR	0	0	852	168	12	1	1	0.00	4.21	0
CO25752	OC-883814197	4.14	12 1-	4ACSR	0	0	860	169	108	15	11	0.06	4.26	10
CO25697	CO25752	4.23	12 1-	4ACSR	0	0	843	168	108	15	11	0.06	4.33	11
CO25698	CO25697	4.30	11 1-	4ACSR	0	0	828	167	107	15	11	0.05	4.38	9
CO25753	CO25698	4.42	1 1-	4ACSR	0	0	806	166	15	2	1	0.01	4.38	0
CO25754	CO25753	4.53	0 1-	4ACSR	0	0	785	165	0	0	0	0.00	4.38	0
CO25699	CO25698	4.44	10 1-	4ACSR	0	0	801	166	93	13	9	0.09	4.47	13
CO25723	CO25699	4.51	1 1-	4ACSR	0	0	788	165	10	1	1	0.00	4.47	0
CO25700	CO25699	4.60	9 1-	4ACSR	0	0	773	164	83	11	8	0.08	4.55	11
CO25755	CO25700	4.73	4 1-	4ACSR	0	0	748	163	49	6	5	0.04	4.58	2
CO25756	CO25755	4.79	2 1-	4ACSR	0	0	739	162	29	4	3	0.01	4.59	0
CO25757	CO25756	4.83	0 1-	4ACSR	0	0	731	162	0	0	0	0.00	4.59	0
CO25758	CO25757	4.99	0 1-	4ACSR	0	0	705	160	0	0	0	0.00	4.59	0
CO25759	CO25758	5.05	0 1-	4ACSR	0	0	696	159	0	0	0	0.00	4.59	0
CO25760	CO25759	5.37	0 1-	4ACSR	0	0	648	156	0	0	0	0.00	4.59	0
CO25761	CO25760	5.49	0 1-	4ACSR	0	0	633	155	0	0	0	0.00	4.59	0
CO25701	CO25700	4.77	5 1-	4ACSR	0	0	743	162	34	4	3	0.03	4.58	0
CO25722	CO25701	4.82	1 1-	4ACSR	0	0	733	162	12	1	1	0.00	4.58	0
CO25762	CO25701	4.97	3 1-	4ACSR	0	0	708	160	10	1	1	0.01	4.59	0
CO25763	CO25762	5.02	3 1-	4ACSR	0	0	701	160	10	1	1	0.00	4.60	0
CO25702	CO25763	5.32	2 1-	4ACSR	0	0	656	157	4	0	0	0.00	4.60	0
CO27241534	CO25702	5.42	1 1-	2ACSR	0	0	644	156	0	0	0	0.00	4.60	0
CO25720	CO25702	5.40	0 1-	4ACSR	0	0	644	156	0	0	0	0.00	4.60	0
CO25721	CO25763	5.12	1 1-	4ACSR	0	0	686	159	6	0	1	0.00	4.60	0
CO25724	CO25697	4.29	1 1-	4ACSR	0	0	830	167	1	0	0	0.00	4.33	0
CO25729	CO25743	4.00	1 1-	2ACSR	0	0	891	171	11	1	1	0.00	4.10	0
CO15973	CO15981	2.94	7 1-	2ACSR	0	0	1073	175	59	8	5	0.01	3.41	0
OC149197732	CO15973	2.94	7 1-	20 N FUSE	0	0	1073	175	59	8	41	0.00	3.41	0
CO15974	OC149197732	2.96	1 1-	2ACSR	0	0	1069	175	6	0	0	0.00	3.42	0
CO15972	OC149197732	3.01	6 1-	2ACSR	0	0	1057	175	53	7	4	0.01	3.43	0
CO15975	CO15972	3.13	5 1-	2ACSR	0	0	1028	174	43	6	3	0.02	3.45	0
CO15898	CO15975	3.17	1 1-	2ACSR	0	0	1019	173	8	1	1	0.00	3.45	0
CO15976	CO15975	3.19	2 1-	2ACSR	0	0	1015	173	15	2	1	0.00	3.45	0
CO15977	CO15976	3.24	0 1-	2ACSR	0	0	1002	173	0	0	0	0.00	3.45	0
CO15995+	CO15988	2.69	462 3-	1/0CU	2088	2002	1813	340	4262	96	31	0.08	1.82	506

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15996+	CO15995	2.81	462 3-	1/0CU	2060	1972	1781	340	4260	96	31	0.06	1.88	380
CO15888+	CO15996	2.89	2 1-	4ACSR	0	0	1745	338	0	0	0	0.00	1.88	0
OC-1642283008+	CO15888	2.89	0 1-	20 N FUSE	0	0	1745	338	0	0	0	0.00	1.88	0
CO15873+	CO15996	2.92	457 3-	1/0CU	2034	1944	1752	339	4251	96	31	0.06	1.93	356
CO15889+	CO15873	2.96	1 1-	4ACSR	0	0	1732	338	15	1	1	0.00	1.93	0
OC-1138763849+	CO15889	2.96	0 1-	20 N FUSE	0	0	1732	338	0	0	0	0.00	1.93	0
CO16000+	CO15873	2.97	456 3-	1/0CU	2022	1931	1738	338	4234	95	31	0.03	1.96	172
OC-1705021203+	CO16000	2.97	455 3-	20 N FUSE	2022	1931	1738	338	4223	95	479	0.00	1.96	0
CO16001+	OC-1705021203	2.99	455 3-	1/0CU	2017	1927	1733	338	4223	95	31	0.01	1.97	61
CO16002+	CO16001	3.01	454 3-	1/0CU	2012	1921	1726	338	4219	95	31	0.01	1.98	79
CO16008+	CO16002	3.04	449 3-	1/0CU	2005	1914	1719	338	4181	94	31	0.01	2.00	92
CO16009+	CO16008	3.11	446 3-	1/0CU	1988	1896	1700	337	4162	94	30	0.04	2.04	228
CO16010+	CO16009	3.12	443 3-	1/0CU	1985	1893	1697	337	4135	93	30	0.01	2.04	42
CO15874+	CO16010	3.48	439 3-	1/0CU	1906	1810	1610	335	4094	92	30	0.18	2.23	1112
CO17196+	CO15874	3.49	0 3-	1/0CU	1905	1808	1608	335	0	-14	5	0.00	2.23	0
CA63+	CO17196	3.49	0 3-	Capacitor	1905	1808	1608	335	0	-14	0	0.00	2.23	0
CO30675+	CO15874	4.21	436 3-	1/0CU	1762	1661	1457	329	4055	95	31	0.43	2.66	2359
CA1631440371+	CO30675	4.21	0 3-	Capacitor	1762	1661	1457	329	0	0	0	0.00	2.66	0
CO15702+	CO30675	4.36	1 1-	4ACSR	0	0	1413	326	0	0	0	0.00	2.66	0
OC98880666+	CO15702	4.36	1 1-	20 N FUSE	0	0	1413	326	0	0	0	0.00	2.66	0
CO15746+	OC98880666	4.44	1 1-	4ACSR	0	0	1388	325	0	0	0	0.00	2.66	0
CO15747+	CO15746	4.66	1 1-	4ACSR	0	0	1326	320	0	0	0	0.00	2.66	0
CO15528+	CO30675	4.45	435 3-	1/0CU	1720	1617	1413	328	4044	95	31	0.14	2.80	770
CO15809+	CO15528	4.47	1 1-	4ACSR	0	0	1407	327	2	0	0	0.00	2.80	0
OC-368959662+	CO15809	4.47	0 1-	20 N FUSE	0	0	1407	327	0	0	0	0.00	2.80	0
CO15810+	OC-368959662	4.49	0 1-	4ACSR	0	0	1402	327	0	0	0	0.00	2.80	0
CO15529+	CO15528	4.56	434 3-	1/0CU	1700	1597	1393	327	4038	95	31	0.07	2.86	366
CO15586+	CO15529	4.61	2 1-	4ACSR	0	0	1379	326	13	0	1	0.00	2.87	0
OC-1226931452+	CO15586	4.61	0 1-	20 N FUSE	0	0	1379	326	0	0	0	0.00	2.87	0
CO15562+	CO15529	4.62	2 1-	4ACSR	0	0	1376	326	7	0	0	0.00	2.87	0
OC63376258+	CO15562	4.62	0 1-	20 N FUSE	0	0	1376	326	0	0	0	0.00	2.87	0
CO15530+	CO15529	4.68	424 3-	1/0CU	1679	1575	1372	326	3967	93	30	0.07	2.94	387
FD-527721729+	CO15530	4.68	341 3-	_DefaultBayEqui	1679	1575	1372	326	3442	81	0	0.00	2.94	0
CO15535+	FD-527721729	4.81	341 3-	1/0ACSR	1653	1549	1347	325	3442	81	35	0.09	3.03	467
OC-527721729+	CO15535	4.81	339 3-	20 N FUSE	1653	1549	1347	325	3427	80	405	0.00	3.03	0
CO15721+	OC-527721729	4.86	338 3-	1/0ACSR	1643	1539	1337	324	3426	80	35	0.04	3.07	190
CO15722+	CO15721	5.13	337 3-	1/0ACSR	1590	1485	1286	322	3417	80	35	0.20	3.27	1016
CO15666+	CO15722	5.20	2 1-	4ACSR	0	0	1267	320	7	0	0	0.00	3.27	0
OC301652424+	CO15666	5.20	2 1-	20 N FUSE	0	0	1267	320	7	0	2	0.00	3.27	0
CO15667+	OC301652424	5.27	2 1-	4ACSR	0	0	1252	319	7	0	0	0.00	3.27	0
CO15668+	CO15667	5.32	1 1-	4ACSR	0	0	1240	318	0	0	0	0.00	3.27	0
CO15723+	CO15722	5.22	334 3-	1/0ACSR	1572	1466	1268	321	3391	80	35	0.07	3.34	361
CO15724+	CO15723	5.35	333 3-	1/0ACSR	1548	1442	1246	319	3387	80	35	0.09	3.43	476
FD976460162+	CO15724	5.35	264 3-	_DefaultBayEqui	1548	1442	1246	319	1601	38	0	0.00	3.43	0
CO15536+	FD976460162	5.56	264 3-	1/0ACSR	1511	1405	1211	317	1601	38	17	0.07	3.51	174
OC976460162+	CO15536	5.56	261 3-	20 N FUSE	1511	1405	1211	317	1576	37	188	0.00	3.51	0
CO15725+	OC976460162	5.60	261 3-	1/0ACSR	1505	1399	1205	317	1576	37	16	0.01	3.52	28
CO15726+	CO15725	5.79	260 3-	1/0ACSR	1472	1365	1174	315	1570	37	16	0.07	3.59	158
CO15727+	CO15726	5.85	258 3-	1/0ACSR	1463	1357	1166	315	1561	37	16	0.02	3.60	41
CO15572+	CO15727	6.00	1 1-	4ACSR	0	0	1135	312	0	0	0	0.00	3.60	0
OC1775540762+	CO15572	6.00	0 1-	20 N FUSE	0	0	1135	312	0	0	0	0.00	3.60	0
CO15537+	CO15727	5.95	257 3-	1/0ACSR	1447	1342	1151	314	1560	37	16	0.03	3.64	79

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30617+	CO15537	6.02	248 3-	1/0ACSR	1435	1331	1140	313	1513	36	16	0.03	3.66	57
OC-689543905+	CO30617	6.02	246 3-	70 E OCR	1435	1331	1140	313	1502	35	51	0.00	3.66	0
CO25500+	OC-689543905	6.13	246 3-	1/0ACSR	1419	1316	1125	312	1502	35	16	0.03	3.70	77
CO25501+	CO25500	6.15	246 3-	1/0ACSR	1414	1312	1121	312	1502	35	16	0.01	3.71	20
CO25457+	CO25501	6.44	0 1-	4ACSR	0	0	1068	307	0	0	0	0.00	3.71	0
OC1743277181+	CO25457	6.44	0 1-	20 N FUSE	0	0	1068	307	0	0	0	0.00	3.71	0
CO25446+	CO25501	6.36	246 3-	1/0ACSR	1383	1284	1093	310	1502	35	16	0.07	3.77	154
CO25447+	CO25446	6.40	245 3-	1/0ACSR	1377	1278	1087	310	1496	35	16	0.01	3.79	30
CO25575+	CO25447	6.44	2 1-	4ACSR	0	0	1081	309	21	1	1	0.00	3.79	0
OC-997791953+	CO25575	6.44	1 1-	20 N FUSE	0	0	1081	309	5	0	2	0.00	3.79	0
CO25576+	OC-997791953	6.46	1 1-	4ACSR	0	0	1076	308	5	0	0	0.00	3.79	0
CO25448+	CO25447	6.52	243 3-	1/0ACSR	1360	1263	1072	309	1475	35	15	0.04	3.83	81
CO25449+	CO25448	6.61	237 3-	1/0ACSR	1347	1251	1061	308	1427	34	15	0.03	3.85	61
CO25683+	CO25449	6.62	2 1-	4ACSR	0	0	1059	307	11	0	1	0.00	3.85	0
CO25684+	CO25683	6.65	2 1-	4ACSR	0	0	1053	307	11	0	1	0.00	3.85	0
OC1589983757+	CO25684	6.65	1 1-	20 N FUSE	0	0	1053	307	1	0	0	0.00	3.85	0
CO25614+	OC1589983757	6.75	1 1-	4ACSR	0	0	1036	305	1	0	0	0.00	3.85	0
CO25495+	CO25449	6.69	2 1-	4ACSR	0	0	1046	306	3	0	0	0.00	3.85	0
OC-202106579+	CO25495	6.69	0 1-	20 N FUSE	0	0	1046	306	0	0	0	0.00	3.85	0
CO25450+	CO25449	6.71	233 3-	1/0ACSR	1333	1238	1048	307	1412	33	15	0.03	3.88	63
CO25451+	CO25450	6.83	231 3-	1/0ACSR	1316	1223	1033	306	1400	33	15	0.04	3.92	79
CO25496+	CO25451	7.11	0 1-	4ACSR	0	0	987	301	0	0	0	0.00	3.92	0
OC-231746278+	CO25496	7.11	0 1-	20 N FUSE	0	0	987	301	0	0	0	0.00	3.92	0
CO25452+	CO25451	7.07	229 3-	1/0ACSR	1285	1194	1005	304	1400	33	15	0.07	4.00	151
CO25453+	CO25452	7.18	225 3-	1/0ACSR	1270	1181	992	303	1368	32	14	0.03	4.03	71
CO25498+	CO25453	7.26	1 1-	4ACSR	0	0	980	301	5	0	0	0.00	4.03	0
OC48824893+	CO25498	7.26	0 1-	20 N FUSE	0	0	980	301	0	0	0	0.00	4.03	0
CO25454+	CO25453	7.22	224 3-	1/0ACSR	1265	1176	988	302	1363	32	14	0.01	4.04	24
CO25544+	CO25454	7.31	224 3-	1/0ACSR	1255	1167	979	301	1363	32	14	0.03	4.07	52
CO25545+	CO25544	7.41	224 3-	1/0ACSR	1242	1155	968	300	1363	32	14	0.03	4.10	63
CO25427+	CO25545	7.50	223 3-	4ACSR	1225	1141	954	299	1363	32	23	0.06	4.16	146
CO25460+	CO25427	7.57	2 1-	4ACSR	0	0	944	298	5	0	0	0.00	4.16	0
OC-1653551081+	CO25460	7.57	0 1-	20 N FUSE	0	0	944	298	0	0	0	0.00	4.16	0
CO25428+	CO25427	7.75	221 3-	1/0ACSR	1196	1114	929	297	1357	32	14	0.07	4.23	149
CO25429+	CO25428	7.96	220 3-	1/0ACSR	1173	1093	909	295	1356	32	14	0.06	4.30	126
CO25463+	CO25429	8.02	1 1-	4ACSR	0	0	900	294	4	0	0	0.00	4.30	0
OC-374955161+	CO25463	8.02	0 1-	20 N FUSE	0	0	900	294	0	0	0	0.00	4.30	0
CO25430+	CO25429	8.06	219 3-	1/0ACSR	1161	1083	899	294	1352	32	14	0.03	4.33	63
CO25665+	CO25430	8.07	40 1-	4ACSR	0	0	898	294	263	19	14	0.00	4.33	0
CO25666+	CO25665	8.15	40 1-	4ACSR	0	0	887	293	263	19	14	0.04	4.37	16
CO25661+	CO25666	8.30	38 1-	4ACSR	0	0	868	290	257	18	13	0.06	4.43	28
OCD242+	CO25661	8.30	38 1-	50 L OCR	0	0	868	290	257	18	0	0.00	4.43	0
AU-866495799+	OCD242	8.30	38 1-	99 KVA 1PH AUTO	0	0	185	158	257	18	273	3.04	7.48	0
CO25431+	AU-866495799	8.46	36 1-	4ACSR	0	0	184	158	233	17	12	0.06	7.54	25
CO25464+	CO25431	8.55	1 1-	4ACSR	0	0	184	157	4	0	0	0.00	7.54	0
CO25593+	CO25431	8.64	35 1-	4ACSR	0	0	183	157	229	16	12	0.07	7.61	27
CO25594+	CO25593	8.67	34 1-	4ACSR	0	0	183	157	229	16	12	0.01	7.62	4
CO30371+	CO25594	8.82	32 1-	4ACSR	0	0	182	156	229	16	12	0.06	7.68	23
CO25858+	CO30371	8.92	32 1-	4ACSR	0	0	182	156	229	16	12	0.04	7.72	14
CO25859+	CO25858	9.00	31 1-	4ACSR	0	0	182	155	216	15	11	0.03	7.75	10
CO26042+	CO25859	9.01	0 1-	4ACSR	0	0	182	155	0	0	0	0.00	7.75	0
CO25860+	CO25859	9.11	31 1-	4ACSR	0	0	181	155	216	15	11	0.04	7.79	14

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25861+	CO25860	9.13	30 1-	4ACSR	0	0	181	155	203	14	11	0.01	7.79	3
CO1441870797+	CO25861	9.29	12 1-	2ACSR	0	0	181	154	106	7	4	0.02	7.81	3
CO1623850975+	CO1441870797	9.33	2 1-	2ACSR	0	0	181	154	13	0	1	0.00	7.81	0
CO-383683286+	CO1441870797	9.45	10 1-	2ACSR	0	0	180	154	93	6	4	0.02	7.83	3
CO30379+	CO-383683286	9.50	10 1-	4ACSR	0	0	180	153	93	6	5	0.01	7.84	0
CO26122+	CO30379	9.54	10 1-	4ACSR	0	0	180	153	93	6	5	0.01	7.85	0
CO26121+	CO26122	9.58	7 1-	4ACSR	0	0	180	153	78	5	4	0.00	7.85	0
CO26097+	CO26121	9.61	4 1-	4ACSR	0	0	179	153	25	1	1	0.00	7.85	0
CO-442552402+	CO26097	9.67	1 1-	2ACSR	0	0	179	153	6	0	0	0.00	7.85	0
CO26098+	CO26097	9.67	2 1-	4ACSR	0	0	179	153	9	0	0	0.00	7.85	0
CO26076+	CO26097	9.64	1 1-	4ACSR	0	0	179	153	10	0	1	0.00	7.85	0
CO26125+	CO26121	9.77	2 1-	4ACSR	0	0	179	152	34	2	2	0.01	7.86	0
CO26126+	CO26125	9.88	1 1-	4ACSR	0	0	178	152	16	1	1	0.00	7.86	0
CO26088+	CO26126	9.93	1 1-	4ACSR	0	0	178	152	16	1	1	0.00	7.86	0
CO1651727311+	CO26088	9.94	0 1-	2ACSR	0	0	178	152	0	0	0	0.00	7.86	0
CO26089+	CO26088	9.99	0 1-	4ACSR	0	0	178	151	0	0	0	0.00	7.86	0
CO26123+	CO26121	9.68	1 1-	4ACSR	0	0	179	153	18	1	1	0.00	7.85	0
CO26124+	CO26123	9.72	0 1-	4ACSR	0	0	179	152	0	0	0	0.00	7.85	0
CO25863+	CO25861	9.21	18 1-	4ACSR	0	0	181	154	97	7	5	0.01	7.81	0
CO25864+	CO25863	9.24	16 1-	4ACSR	0	0	181	154	92	6	5	0.00	7.81	0
OC1569802286+	CO25864	9.24	16 1-	20 N FUSE	0	0	181	154	92	6	34	0.00	7.81	0
CO25865+	OC1569802286	9.41	16 1-	4ACSR	0	0	180	153	92	6	5	0.03	7.84	4
CO25866+	CO25865	9.49	15 1-	4ACSR	0	0	180	153	86	6	5	0.01	7.85	0
CO25826+	CO25866	9.55	2 1-	4ACSR	0	0	180	153	6	0	0	0.00	7.85	0
CO-1343131441+	CO25826	9.72	1 1-	2ACSR	0	0	179	152	0	0	0	0.00	7.85	0
CO25867+	CO25866	9.62	13 1-	4ACSR	0	0	179	153	80	5	4	0.02	7.87	2
CO25868+	CO25867	9.74	13 1-	4ACSR	0	0	179	152	80	5	4	0.01	7.88	0
CO25869+	CO25868	9.77	12 1-	4ACSR	0	0	179	152	67	4	3	0.00	7.88	0
CO25870+	CO25869	9.80	12 1-	2ACSR	0	0	179	152	67	4	3	0.00	7.89	0
CO25849+	CO25870	9.86	1 1-	2ACSR	0	0	178	152	4	0	0	0.00	7.89	0
CO25871+	CO25870	9.85	11 1-	2ACSR	0	0	178	152	63	4	3	0.00	7.89	0
CO25872+	CO25871	10.02	11 1-	4ACSR	0	0	178	151	63	4	3	0.02	7.91	0
CO25873+	CO25872	10.07	10 1-	4ACSR	0	0	178	151	49	3	3	0.00	7.91	0
CO25874+	CO25873	10.16	10 1-	4ACSR	0	0	177	150	49	3	3	0.01	7.92	0
CO25875+	CO25874	10.26	10 1-	4ACSR	0	0	177	150	49	3	3	0.01	7.93	0
CO25828+	CO25875	10.49	1 1-	4ACSR	0	0	176	149	0	0	0	0.00	7.93	0
CO25878+	CO25875	10.29	5 1-	4ACSR	0	0	177	150	31	2	2	0.00	7.93	0
CO25879+	CO25878	10.31	4 1-	4ACSR	0	0	177	150	31	2	2	0.00	7.93	0
CO25880+	CO25879	10.41	3 1-	4ACSR	0	0	176	149	27	1	1	0.00	7.93	0
CO25881+	CO25880	10.52	2 1-	4ACSR	0	0	176	149	22	1	1	0.00	7.94	0
CO26040+	CO25881	10.62	2 1-	4ACSR	0	0	175	149	22	1	1	0.00	7.94	0
CO26041+	CO26040	10.68	1 1-	4ACSR	0	0	175	148	10	0	1	0.00	7.94	0
CO25882+	CO26041	10.75	1 1-	4ACSR	0	0	175	148	10	0	1	0.00	7.94	0
CO25876+	CO25875	10.34	3 1-	4ACSR	0	0	176	150	10	0	1	0.00	7.93	0
CO25877+	CO25876	10.39	1 1-	4ACSR	0	0	176	150	4	0	0	0.00	7.93	0
CO25595+	AU-866495799	8.36	2 1-	4ACSR	0	0	184	158	24	1	1	0.00	7.48	0
CO25596+	CO25595	8.38	1 1-	4ACSR	0	0	184	158	16	1	1	0.00	7.48	0
CO25597+	CO25430	8.25	179 3-	1/0ACSR	1142	1065	882	292	1089	26	11	0.04	4.37	71
CO30438+	CO25597	8.32	177 3-	1/0ACSR	1134	1058	875	292	1083	25	11	0.02	4.39	29
CO25946+	CO30438	8.35	177 3-	1/0ACSR	1132	1056	873	292	1083	25	11	0.01	4.39	9
CO25852+	CO25946	8.41	1 1-	4ACSR	0	0	866	291	0	0	0	0.00	4.39	0
OC1743433517+	CO25852	8.41	0 1-	20 N FUSE	0	0	866	291	0	0	0	0.00	4.39	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25822+	CO25946	8.55	175 3-	1/0ACSR	1111	1037	856	290	1073	25	11	0.05	4.44	76
CO25821+	CO25822	8.59	174 3-	1/0ACSR	1107	1033	853	290	1062	25	11	0.01	4.45	16
CO26060+	CO25821	8.71	174 3-	1/0ACSR	1095	1022	842	289	1062	25	11	0.03	4.48	46
CO26061+	CO26060	8.74	173 3-	1/0ACSR	1092	1019	840	288	1053	25	11	0.01	4.49	10
CO25944+	CO26061	8.80	173 3-	1/0ACSR	1086	1014	835	288	1053	25	11	0.01	4.50	22
CO25945+	CO25944	9.01	173 3-	1/0ACSR	1067	997	819	286	1053	25	11	0.05	4.55	75
CO25943+	CO25945	9.20	173 3-	1/0ACSR	1050	981	805	285	1052	25	11	0.04	4.59	69
CO25809+	CO25943	9.39	1 1-	4ACSR	0	0	785	282	0	0	0	0.00	4.59	0
OC-73915280+	CO25809	9.39	1 1-	20 N FUSE	0	0	785	282	0	0	0	0.00	4.59	0
CO25942+	OC-73915280	9.47	1 1-	4ACSR	0	0	776	280	0	0	0	0.00	4.59	0
CO26032+	CO25942	9.61	1 1-	4ACSR	0	0	761	278	0	0	0	0.00	4.59	0
CO26033+	CO26032	9.85	0 1-	4ACSR	0	0	739	275	0	0	0	0.00	4.59	0
CO25824+	OC-73915280	9.44	0 1-	4ACSR	0	0	779	281	0	0	0	0.00	4.59	0
CO26030+	CO25943	9.27	171 3-	1/0ACSR	1043	975	799	284	1051	25	11	0.02	4.61	27
CO1477811033+	CO26030	9.31	0 1-	2ACSR	0	0	796	284	0	0	0	0.00	4.61	0
CO26031+	CO26030	9.36	169 3-	1/0ACSR	1036	968	793	283	1036	24	11	0.02	4.63	31
CO25941+	CO26031	9.46	169 3-	1/0ACSR	1026	959	785	282	1036	24	11	0.02	4.65	38
CO26059+	CO25941	9.79	168 3-	1/0ACSR	999	934	762	280	1029	24	11	0.07	4.73	114
CO25936+	CO26059	9.85	167 3-	1/0ACSR	994	930	759	279	1016	24	11	0.01	4.74	19
CO25937+	CO25936	9.90	3 1-	4ACSR	0	0	754	279	11	0	1	0.00	4.74	0
OC121742272+	CO25937	9.90	3 1-	20 N FUSE	0	0	754	279	11	0	4	0.00	4.74	0
CO25938+	OC121742272	9.93	3 1-	4ACSR	0	0	751	278	11	0	1	0.00	4.74	0
CO25939+	CO25938	10.12	2 1-	4ACSR	0	0	734	275	7	0	0	0.00	4.74	0
CO25940+	CO25939	10.17	1 1-	4ACSR	0	0	728	275	5	0	0	0.00	4.74	0
CO25935+	CO25936	9.86	164 3-	1/0ACSR	993	929	758	279	1006	24	11	0.00	4.74	4
CO25947+	CO25935	10.06	33 1-	4ACSR	0	0	739	276	211	15	11	0.07	4.81	24
CO25949+	CO25947	10.12	4 1-	4ACSR	0	0	734	275	15	1	1	0.00	4.81	0
CO25951+	CO25949	10.19	3 1-	4ACSR	0	0	728	274	11	0	1	0.00	4.82	0
OC-255682815+	CO25951	10.19	3 1-	20 N FUSE	0	0	728	274	11	0	4	0.00	4.82	0
CO25952+	OC-255682815	10.46	3 1-	4ACSR	0	0	704	270	11	0	1	0.00	4.82	0
CO25953+	CO25952	10.51	3 1-	4ACSR	0	0	699	270	11	0	1	0.00	4.82	0
CO25955+	CO25953	10.57	0 1-	2ACSR	0	0	695	269	0	0	0	0.00	4.82	0
CO25956+	CO25955	10.72	0 1-	2ACSR	0	0	685	268	0	0	0	0.00	4.82	0
CO25954+	CO25953	10.57	3 1-	4ACSR	0	0	694	269	11	0	1	0.00	4.82	0
CO25950+	CO25949	10.17	1 1-	4ACSR	0	0	729	275	4	0	0	0.00	4.81	0
CO25948+	CO25947	10.13	29 1-	4ACSR	0	0	733	275	196	14	10	0.02	4.84	8
CO26056+	CO25948	10.14	29 1-	4ACSR	0	0	732	275	196	14	10	0.00	4.84	0
OC782+	CO26056	10.14	29 1-	50 E OCR	0	0	732	275	196	14	28	0.00	4.84	0
XFMR18	OC782	10.14	29 1-	333 KVA 1PH AUT	0	0	739	166	196	14	61	0.68	5.52	0
CO26057	XFMR18	10.24	29 1-	4ACSR	0	0	724	165	196	28	20	0.13	5.65	40
CO25957	CO26057	10.31	28 1-	4ACSR	0	0	713	164	182	26	19	0.09	5.74	26
CO25958	CO25957	10.54	25 1-	4ACSR	0	0	680	162	169	24	17	0.26	5.99	72
CO25959	CO25958	10.77	25 1-	4ACSR	0	0	649	160	169	24	17	0.26	6.25	72
CO25960	CO25959	10.96	25 1-	4ACSR	0	0	625	158	169	24	17	0.21	6.46	60
CO25812	CO25960	11.05	5 1-	4ACSR	0	0	614	157	13	1	1	0.01	6.47	0
CO25835	CO25812	11.13	1 1-	4ACSR	0	0	605	156	2	0	0	0.00	6.47	0
CO25834	CO25812	11.17	4 1-	4ACSR	0	0	600	156	12	1	1	0.00	6.48	0
CO25813	CO25812	11.13	0 1-	4ACSR	0	0	605	156	0	0	0	0.00	6.47	0
CO25965	CO25960	11.11	19 1-	4ACSR	0	0	606	156	155	22	16	0.16	6.63	42
CO-127767589	CO25965	11.18	1 1-	2ACSR	0	0	600	156	10	1	1	0.00	6.63	0
CO25966	CO25965	11.16	16 1-	4ACSR	0	0	600	156	145	20	15	0.05	6.68	12
OC-1088878966	CO25966	11.16	16 1-	20 N FUSE	0	0	600	156	144	20	105	0.00	6.68	0

Substation Power Factor: 0.98

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25814	OC-1088878966	11.22	14 1-	4ACSR	0	0	594	155	130	18	13	0.05	6.73	11
CO25969	CO25814	11.27	4 1-	4ACSR	0	0	588	155	35	5	4	0.01	6.73	0
CO25970	CO25969	11.32	2 1-	4ACSR	0	0	582	154	17	2	2	0.00	6.74	0
CO25971	CO25814	11.26	10 1-	4ACSR	0	0	589	155	96	13	10	0.02	6.75	3
CO25972	CO25971	11.29	9 1-	4ACSR	0	0	585	155	82	11	8	0.02	6.77	2
CO25975	CO25972	11.36	6 1-	4ACSR	0	0	578	154	51	7	5	0.02	6.79	0
CO1839455595	CO25975	11.45	0 1-	2ACSR	0	0	570	153	0	0	0	0.00	6.79	0
CO25976	CO25975	11.42	5 1-	4ACSR	0	0	572	153	40	5	4	0.02	6.80	0
CO2111336863	CO25976	11.44	4 1-	4ACSR	0	0	570	153	34	4	4	0.00	6.81	0
CO-1502077243	CO2111336863	11.60	2 1-	2ACSR	0	0	556	152	21	3	2	0.01	6.81	0
CO1115157020	CO2111336863	11.50	2 1-	4ACSR	0	0	563	153	13	1	1	0.01	6.81	0
CO25978	CO1115157020	11.68	2 1-	4ACSR	0	0	544	151	13	1	1	0.02	6.83	0
CO25979	CO25978	11.72	2 1-	4ACSR	0	0	540	151	13	1	1	0.00	6.83	0
CO25973	CO25972	11.41	2 1-	4ACSR	0	0	572	154	19	2	2	0.01	6.78	0
CO25974	CO25973	11.49	1 1-	4ACSR	0	0	564	153	10	1	1	0.00	6.78	0
CO25967	OC-1088878966	11.20	2 1-	4ACSR	0	0	596	155	14	2	1	0.00	6.68	0
CO25968	CO25967	11.24	0 1-	4ACSR	0	0	592	155	0	0	0	0.00	6.68	0
CO25961	CO25960	11.05	1 1-	4ACSR	0	0	614	157	0	0	0	0.00	6.46	0
CO25962	CO25961	11.12	1 1-	4ACSR	0	0	605	156	0	0	0	0.00	6.46	0
CO25963	CO25962	11.20	0 1-	4ACSR	0	0	596	155	0	0	0	0.00	6.46	0
CO25964	CO25963	11.25	0 1-	4ACSR	0	0	590	155	0	0	0	0.00	6.46	0
CO25932+	CO25935	9.95	131 3-	1/0ACSR	986	923	752	279	795	19	8	0.02	4.76	18
CO25933+	CO25932	10.07	131 3-	1/0ACSR	977	914	745	278	795	19	8	0.02	4.78	25
CO25934+	CO25933	10.31	131 3-	1/0ACSR	959	897	729	276	795	19	8	0.04	4.82	50
CO25931+	CO25934	10.37	131 3-	1/0ACSR	954	893	726	275	795	19	8	0.01	4.83	13
CO25929+	CO25931	10.41	1 1-	4ACSR	0	0	722	275	3	0	0	0.00	4.83	0
OC-324598107+	CO25929	10.41	0 1-	20 N FUSE	0	0	722	275	0	0	0	0.00	4.83	0
CO25930+	OC-324598107	10.44	0 1-	4ACSR	0	0	719	274	0	0	0	0.00	4.83	0
CO25928+	CO25931	10.45	130 3-	1/0ACSR	948	887	721	275	791	19	8	0.01	4.85	17
CO26046+	CO25928	10.46	53 1-	4ACSR	0	0	720	275	402	28	21	0.00	4.85	3
OC786+	CO26046	10.46	53 1-	35 L OCR	0	0	720	275	402	28	82	0.00	4.85	0
CO26045+	OC786	10.51	53 1-	4ACSR	0	0	716	274	402	28	21	0.03	4.88	21
CO25917+	CO26045	10.56	53 1-	4ACSR	0	0	711	273	402	28	21	0.04	4.92	24
CO25921+	CO25917	10.69	51 1-	4ACSR	0	0	700	271	393	28	20	0.08	5.00	54
CO25920+	CO25921	10.76	51 1-	4ACSR	0	0	694	270	393	28	20	0.05	5.05	32
CO25856+	CO25920	10.79	0 1-	4ACSR	0	0	692	270	0	0	0	0.00	5.05	0
CO25922+	CO25920	10.83	51 1-	4ACSR	0	0	688	269	393	28	20	0.05	5.10	30
CO25926+	CO25922	10.99	51 1-	4ACSR	0	0	675	267	393	28	20	0.11	5.20	68
CO25925+	CO25926	11.05	48 1-	4ACSR	0	0	671	266	385	27	20	0.04	5.24	23
CO25815+	CO25925	11.18	48 1-	4ACSR	0	0	661	264	385	27	20	0.08	5.32	50
CO25836+	CO25815	11.40	1 1-	4ACSR	0	0	644	261	4	0	0	0.00	5.32	0
CO25927+	CO25815	11.22	47 1-	4ACSR	0	0	658	264	381	27	20	0.03	5.35	20
CO30440+	CO25927	11.40	47 1-	4ACSR	0	0	645	261	381	27	20	0.11	5.46	68
CO28052+	CO30440	11.55	1 1-	4ACSR	0	0	634	259	11	0	1	0.00	5.46	0
CO28023+	CO30440	11.49	46 1-	4ACSR	0	0	638	260	370	26	19	0.06	5.51	35
CO28133+	CO28023	11.72	44 1-	4ACSR	0	0	622	257	366	26	19	0.14	5.65	81
OC674666626+	CO28133	11.72	42 1-	20 N FUSE	0	0	622	257	348	25	125	0.00	5.65	0
CO28132+	OC674666626	11.74	42 1-	4ACSR	0	0	620	257	348	25	18	0.01	5.66	8
CO28127+	CO28132	11.76	40 1-	4ACSR	0	0	619	257	338	24	17	0.01	5.68	7
CO28128+	CO28127	11.83	0 1-	2ACSR	0	0	615	256	0	0	0	0.00	5.68	0
CO28129+	CO28128	11.87	0 1-	2ACSR	0	0	613	256	0	0	0	0.00	5.68	0
CO28187+	CO28127	11.79	40 1-	4ACSR	0	0	617	256	338	24	17	0.01	5.69	8

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28186+	CO28187	11.87	39 1-	4ACSR	0	0	612	255	324	23	17	0.04	5.73	22
CO28049+	CO28186	11.90	1 1-	4ACSR	0	0	610	255	10	0	1	0.00	5.73	0
CO28048+	CO28186	11.97	0 1-	4ACSR	0	0	605	254	0	0	0	0.00	5.73	0
CO28022+	CO28186	12.14	37 1-	4ACSR	0	0	594	252	303	21	16	0.14	5.87	71
CO28047+	CO28022	12.20	1 1-	4ACSR	0	0	590	251	8	0	0	0.00	5.87	0
CO28021+	CO28022	12.30	36 1-	4ACSR	0	0	584	250	295	21	15	0.08	5.95	39
OC-1029455965+	CO28021	12.30	36 1-	20 N FUSE	0	0	584	250	294	21	106	0.00	5.95	0
CO28125+	OC-1029455965	12.32	3 1-	4ACSR	0	0	583	250	25	1	1	0.00	5.95	0
CO28191+	CO28125	12.40	3 1-	4ACSR	0	0	578	249	25	1	1	0.00	5.96	0
CO28190+	CO28191	12.44	3 1-	4ACSR	0	0	576	248	25	1	1	0.00	5.96	0
CO28124+	CO28190	12.48	2 1-	4ACSR	0	0	573	248	12	0	1	0.00	5.96	0
CO28123+	CO28124	12.58	2 1-	4ACSR	0	0	567	246	12	0	1	0.00	5.96	0
CO28122+	CO28123	12.65	2 1-	4ACSR	0	0	563	246	12	0	1	0.00	5.96	0
CO28046+	CO28122	12.71	1 1-	4ACSR	0	0	559	245	6	0	0	0.00	5.96	0
CO28202+	OC-1029455965	12.65	5 1-	4ACSR	0	0	563	246	43	3	2	0.03	5.98	0
OC1284208810+	CO28202	12.65	5 1-	20 N FUSE	0	0	563	246	43	3	15	0.00	5.98	0
CO28033+	OC1284208810	12.70	2 1-	4ACSR	0	0	560	245	10	0	0	0.00	5.98	0
CO28011+	OC1284208810	12.72	3 1-	4ACSR	0	0	559	245	33	2	2	0.00	5.98	0
CO28192+	CO28011	12.79	2 1-	4ACSR	0	0	555	244	25	1	1	0.00	5.98	0
CO28193+	CO28192	12.91	1 1-	4ACSR	0	0	548	243	9	0	0	0.00	5.98	0
CO28126+	CO28193	12.94	1 1-	4ACSR	0	0	547	242	9	0	0	0.00	5.98	0
CO28035+	CO28011	12.78	0 1-	4ACSR	0	0	555	244	0	0	0	0.00	5.98	0
CO28034+	CO28011	12.76	1 1-	4ACSR	0	0	557	244	9	0	0	0.00	5.98	0
CO28194+	OC-1029455965	12.42	28 1-	2ACSR	0	0	578	249	226	16	9	0.03	5.98	11
OC2014241620+	CO28194	12.42	28 1-	20 N FUSE	0	0	578	249	226	16	82	0.00	5.98	0
CO28195+	OC2014241620	12.43	0 1-	2ACSR	0	0	578	249	0	0	0	0.00	5.98	0
SW865-A+	CO28195	12.43	0 1-	Open	0	0	578	249	0	0	0	0.00	5.98	0
CO28085+	OC2014241620	12.46	28 1-	2ACSR	0	0	576	248	226	16	9	0.01	5.99	4
CO28086+	CO28085	12.57	28 1-	2ACSR	0	0	571	248	226	16	9	0.03	6.02	9
OC-38672249+	CO28086	12.57	27 1-	20 N FUSE	0	0	571	248	217	15	78	0.00	6.02	0
CO-1678054007+	OC-38672249	12.60	0 1-	2ACSR	0	0	570	247	0	0	0	0.00	6.02	0
CO28087+	OC-38672249	12.63	27 1-	2ACSR	0	0	568	247	217	15	9	0.02	6.04	6
CO28088+	CO28087	12.82	27 1-	2ACSR	0	0	560	245	217	15	9	0.05	6.08	16
CO28089+	CO28088	13.01	27 1-	2ACSR	0	0	551	244	217	15	9	0.05	6.13	17
CO28091+	CO28089	13.25	27 1-	2ACSR	0	0	541	242	217	15	9	0.06	6.20	21
CO28090+	CO28091	13.44	27 1-	2ACSR	0	0	533	240	217	15	9	0.05	6.24	16
CO28031+	CO28090	13.55	19 1-	6HDCU	0	0	528	239	161	11	9	0.03	6.27	8
OC1821249449+	CO28031	13.55	19 1-	20 N FUSE	0	0	528	239	161	11	58	0.00	6.27	0
CO28073+	OC1821249449	13.74	2 1-	4ACSR	0	0	518	237	16	1	1	0.01	6.28	0
CO28074+	CO28073	13.81	2 1-	4ACSR	0	0	515	236	16	1	1	0.00	6.28	0
CO28075+	CO28074	14.09	1 1-	4ACSR	0	0	501	233	5	0	0	0.00	6.28	0
CO28072+	OC1821249449	13.65	17 1-	6HDCU	0	0	522	238	145	10	8	0.02	6.30	5
CO28071+	CO28072	13.76	16 1-	6HDCU	0	0	517	237	126	9	7	0.02	6.32	4
CO28030+	CO28071	13.95	13 1-	6HDCU	0	0	508	235	101	7	6	0.03	6.35	5
CO28199+	CO28030	14.06	0 1-	6HDCU	0	0	503	233	0	0	0	0.00	6.35	0
XFMR20	CO28199	14.06	0 1-	333 KVA 1PH AUT	0	0	617	158	0	0	0	0.00	6.35	0
CO28138+	CO28030	14.01	13 1-	4ACSR	0	0	505	234	101	7	5	0.01	6.36	0
CO28139+	CO28138	14.03	12 1-	4ACSR	0	0	504	234	100	7	5	0.00	6.36	0
CO28032+	CO28139	14.12	11 1-	4ACSR	0	0	500	233	88	6	5	0.01	6.38	0
CO28140+	CO28032	14.17	9 1-	4ACSR	0	0	498	232	79	5	4	0.01	6.38	0
CO28141+	CO28140	14.29	7 1-	4ACSR	0	0	492	231	75	5	4	0.01	6.40	0
CO30441+	CO28141	14.34	6 1-	6HDCU	0	0	490	230	75	5	4	0.00	6.40	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26002+	CO30441	14.38	2 1-	2ACSR	0	0	489	230	36	2	1	0.00	6.40	0
CO26003+	CO26002	14.50	1 1-	2ACSR	0	0	484	229	17	1	1	0.00	6.40	0
CO26004+	CO30441	14.37	3 1-	6HDCU	0	0	489	230	16	1	1	0.00	6.40	0
CO25857+	CO26004	14.42	1 1-	2ACSR	0	0	487	230	7	0	0	0.00	6.40	0
CO26005+	CO26004	14.37	2 1-	6HDCU	0	0	489	230	9	0	1	0.00	6.40	0
CO26006+	CO26005	14.41	1 1-	6HDCU	0	0	487	230	1	0	0	0.00	6.40	0
CO28061+	CO28139	14.08	1 1-	4ACSR	0	0	502	233	11	0	1	0.00	6.36	0
CO28136+	CO28071	13.78	2 1-	4ACSR	0	0	516	236	9	0	0	0.00	6.32	0
CO28137+	CO28136	13.92	2 1-	4ACSR	0	0	509	235	9	0	0	0.00	6.32	0
CO28062+	CO28137	14.00	1 1-	4ACSR	0	0	506	234	9	0	0	0.00	6.32	0
CO28076+	CO28090	13.79	7 1-	6HDCU	0	0	515	236	53	3	3	0.03	6.27	3
CO28077+	CO28076	14.04	5 1-	6HDCU	0	0	504	234	49	3	3	0.02	6.29	0
CO28069+	CO28077	14.11	1 1-	2ACSR	0	0	501	233	11	0	0	0.00	6.29	0
CO28078+	CO28077	14.23	4 1-	6HDCU	0	0	495	232	38	2	2	0.01	6.31	0
CO28079+	CO28078	14.52	4 1-	6HDCU	0	0	483	229	38	2	2	0.01	6.32	0
CO28080+	CO28079	14.66	3 1-	6HDCU	0	0	477	227	20	1	1	0.00	6.32	0
CO28060+	CO28080	14.76	1 1-	4ACSR	0	0	473	226	6	0	0	0.00	6.33	0
CO28059+	CO28080	14.77	2 1-	4ACSR	0	0	472	226	14	0	1	0.00	6.33	0
CO28081+	CO28059	14.82	1 1-	4ACSR	0	0	470	226	6	0	0	0.00	6.33	0
CO28083+	CO28081	14.85	1 1-	4ACSR	0	0	469	225	6	0	0	0.00	6.33	0
CO28084+	CO28083	14.93	1 1-	4ACSR	0	0	465	224	6	0	0	0.00	6.33	0
CO28082+	CO28084	15.01	1 1-	4ACSR	0	0	462	224	6	0	0	0.00	6.33	0
CO28057+	CO28090	13.51	1 1-	6HDCU	0	0	529	239	2	0	0	0.00	6.24	0
CO28050+	CO28132	11.82	1 1-	4ACSR	0	0	615	256	0	0	0	0.00	5.66	0
CO28130+	CO28023	11.58	1 1-	4ACSR	0	0	631	259	4	0	0	0.00	5.52	0
CO28051+	CO28130	11.60	0 1-	4ACSR	0	0	630	259	0	0	0	0.00	5.52	0
CO28131+	CO28130	11.70	1 1-	4ACSR	0	0	623	257	4	0	0	0.00	5.52	0
CO25924+	CO25926	11.10	0 1-	4ACSR	0	0	667	265	0	0	0	0.00	5.20	0
CO25923+	CO25926	11.02	2 1-	4ACSR	0	0	673	267	7	0	0	0.00	5.20	0
CO25918+	CO25917	10.62	1 1-	4ACSR	0	0	706	272	7	0	0	0.00	4.92	0
CO25919+	CO25918	10.65	1 1-	4ACSR	0	0	704	272	7	0	0	0.00	4.92	0
CO26051+	CO25917	10.57	0 1-	4ACSR	0	0	711	273	0	0	0	0.00	4.92	0
CO25913+	CO25928	10.54	77 3-	1/0ACSR	941	881	715	274	389	9	4	0.01	4.86	5
CO25914+	CO25913	10.60	77 3-	1/0ACSR	937	877	712	274	389	9	4	0.00	4.86	3
CO25915+	CO25914	10.63	76 3-	1/0ACSR	935	876	710	273	369	8	4	0.00	4.86	0
CO25916+	CO25915	10.66	75 3-	1/0ACSR	933	874	708	273	358	8	4	0.00	4.86	0
CO26049+	CO25916	10.67	0 1-	4ACSR	0	0	708	273	0	0	0	0.00	4.86	0
CO26047+	CO25916	10.67	75 1-	4ACSR	0	0	708	273	358	26	19	0.00	4.87	2
OC787+	CO26047	10.67	75 1-	50 L OCR	0	0	708	273	358	26	0	0.00	4.87	0
XFMR19	OC787	10.67	75 1-	167 KVA 1PH AUT	0	0	550	163	358	26	225	2.24	7.11	0
CO26048	XFMR19	10.68	75 1-	4ACSR	0	0	549	162	358	52	37	0.04	7.15	23
CO25911	CO26048	10.78	75 1-	4ACSR	0	0	541	161	358	52	37	0.24	7.39	144
CO25912	CO25911	10.86	74 1-	4ACSR	0	0	535	160	352	51	37	0.20	7.59	118
CO25829	CO25912	10.95	1 1-	4ACSR	0	0	528	160	8	1	1	0.00	7.59	0
CO25908	CO25912	10.87	73 1-	4ACSR	0	0	534	160	344	50	36	0.02	7.61	12
CO25909	CO25908	10.94	72 1-	4ACSR	0	0	529	160	335	49	35	0.15	7.75	82
CO25910	CO25909	10.96	70 1-	4ACSR	0	0	527	160	326	47	34	0.04	7.79	22
CO25830	CO25910	11.00	2 1-	4ACSR	0	0	524	159	13	1	1	0.00	7.79	0
CO25904	CO25910	10.97	68 1-	4ACSR	0	0	526	159	314	46	33	0.04	7.83	20
CO25905	CO25904	11.07	68 1-	4ACSR	0	0	519	158	313	46	33	0.20	8.03	107
CO25906	CO25905	11.10	68 1-	4ACSR	0	0	517	158	313	46	33	0.07	8.10	35
CO-2078663967	CO25906	11.23	67 1-	2ACSR	0	0	508	157	311	45	25	0.20	8.30	99

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-759684711	CO-2078663967	11.30	1 1-	2ACSR	0	0	504	157	0	0	0	0.00	8.30	0
CO1896803215	CO-2078663967	11.28	66 1-	2ACSR	0	0	505	157	310	45	25	0.06	8.36	32
CO25903	CO1896803215	11.52	66 1-	4ACSR	0	0	488	155	310	45	33	0.50	8.87	265
CO30365	CO25903	12.12	2 1-	4ACSR	0	0	448	149	2	0	0	0.01	8.87	0
OC422364439	CO30365	12.12	1 1-	20 N FUSE	0	0	448	149	0	0	0	0.00	8.87	0
CO28179	OC422364439	12.27	1 1-	4ACSR	0	0	439	148	0	0	0	0.00	8.87	0
CO28178	CO28179	12.58	0 1-	4ACSR	0	0	420	145	0	0	0	0.00	8.87	0
CO25901	CO25903	11.56	64 1-	4ACSR	0	0	485	154	307	45	32	0.09	8.96	47
CO25902	CO25901	11.66	63 1-	4ACSR	0	0	478	153	297	43	31	0.20	9.16	102
CO25831	CO25902	11.70	2 1-	4ACSR	0	0	475	153	15	2	2	0.00	9.16	0
CO25899	CO25902	11.98	61 1-	4ACSR	0	0	457	151	281	41	30	0.61	9.77	286
CO25900	CO25899	12.16	60 1-	4ACSR	0	0	446	149	266	39	28	0.33	10.10	149
CO25897	CO25900	12.19	58 1-	4ACSR	0	0	443	149	260	38	28	0.06	10.16	28
CO25898	CO25897	12.25	57 1-	4ACSR	0	0	440	148	249	37	27	0.10	10.26	44
OC-163418992	CO25898	12.25	57 1-	20 N FUSE	0	0	440	148	249	37	186	0.00	10.26	0
CO25810	OC-163418992	12.37	53 1-	4ACSR	0	0	433	147	220	32	24	0.18	10.44	67
CO25887	CO25810	12.45	41 1-	4ACSR	0	0	428	146	186	27	20	0.10	10.54	32
CO25888	CO25887	12.52	40 1-	4ACSR	0	0	424	146	184	27	20	0.09	10.63	30
CO25889	CO25888	12.59	40 1-	4ACSR	0	0	420	145	184	27	20	0.09	10.73	30
CO25890	CO25889	12.69	40 1-	4ACSR	0	0	414	144	184	27	20	0.12	10.85	38
OC-1833437395	CO25890	12.69	38 1-	20 N FUSE	0	0	414	144	179	26	135	0.00	10.85	0
CO25891	OC-1833437395	12.76	38 1-	4ACSR	0	0	410	144	179	26	19	0.09	10.94	27
CO25892	CO25891	12.79	37 1-	4ACSR	0	0	408	144	166	25	18	0.03	10.97	9
CO25893	CO25892	12.84	34 1-	4ACSR	0	0	406	143	143	21	15	0.05	11.02	12
CO25895	CO25893	12.94	34 1-	4ACSR	0	0	401	142	143	21	15	0.09	11.11	23
CO25894	CO25895	12.98	34 1-	4ACSR	0	0	398	142	143	21	15	0.05	11.16	12
CO25811	CO25894	13.02	31 1-	4ACSR	0	0	396	142	140	21	15	0.04	11.20	9
CO30375	CO25811	13.07	26 1-	4ACSR	0	0	394	141	123	18	13	0.04	11.24	9
CO26118	CO30375	13.11	25 1-	4ACSR	0	0	391	141	121	18	13	0.03	11.27	7
CO26119	CO26118	13.16	23 1-	4ACSR	0	0	389	141	114	17	12	0.04	11.31	7
CO26117	CO26119	13.19	22 1-	4ACSR	0	0	388	141	113	17	12	0.02	11.33	4
CO26115	CO26117	13.22	20 1-	4ACSR	0	0	386	140	105	15	11	0.03	11.36	5
CO26116	CO26115	13.26	17 1-	4ACSR	0	0	384	140	100	15	11	0.02	11.38	4
CO26113	CO26116	13.30	14 1-	4ACSR	0	0	382	140	89	13	10	0.02	11.40	3
CO26114	CO26113	13.38	10 1-	4ACSR	0	0	378	139	71	10	8	0.04	11.44	4
CO26112	CO26114	13.45	7 1-	4ACSR	0	0	375	139	61	9	7	0.03	11.47	3
CO26111	CO26112	13.50	5 1-	4ACSR	0	0	372	138	45	6	5	0.01	11.48	0
CO26110	CO26111	13.53	2 1-	4ACSR	0	0	371	138	19	2	2	0.00	11.48	0
CO26090	CO26110	13.55	2 1-	4ACSR	0	0	370	138	19	2	2	0.00	11.48	0
CO30373	CO26090	13.61	2 1-	4ACSR	0	0	367	137	19	2	2	0.01	11.49	0
CO28261	CO30373	13.73	1 1-	4ACSR	0	0	362	136	9	1	1	0.00	11.49	0
CO1149286926	CO26115	13.24	1 1-	2ACSR	0	0	385	140	2	0	0	0.00	11.36	0
CO-1665859707	CO1149286926	13.29	1 1-	2ACSR	0	0	383	140	2	0	0	0.00	11.36	0
CO25896	CO25811	13.05	4 1-	4ACSR	0	0	395	142	11	1	1	0.00	11.20	0
CO30378	CO25896	13.13	4 1-	4ACSR	0	0	390	141	11	1	1	0.01	11.20	0
CO26120	CO30378	13.18	3 1-	4ACSR	0	0	388	141	11	1	1	0.00	11.21	0
CO26109	CO26120	13.19	2 1-	4ACSR	0	0	387	140	6	0	1	0.00	11.21	0
CO30374	CO26109	13.35	2 1-	4ACSR	0	0	380	139	6	0	1	0.00	11.21	0
CO25833	CO25894	13.03	0 1-	4ACSR	0	0	396	142	0	0	0	0.00	11.16	0
CO25832	CO25894	13.00	1 1-	4ACSR	0	0	397	142	3	0	0	0.00	11.16	0
CO26043	CO25810	12.38	12 1-	4ACSR	0	0	432	147	34	5	4	0.00	10.44	0
OC785	CO26043	12.38	12 1-	25 H OCR	0	0	432	147	34	5	21	0.00	10.44	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26044	OC785	12.42	12 1-	4ACSR	0	0	430	147	34	5	4	0.01	10.45	0
CO25886	CO26044	12.54	10 1-	4ACSR	0	0	423	146	34	5	4	0.02	10.47	0
CO30439	CO25886	12.78	9 1-	4ACSR	0	0	409	144	18	2	2	0.03	10.50	0
CO28012	CO30439	12.86	9 1-	4ACSR	0	0	405	143	18	2	2	0.01	10.51	0
CO28037	CO28012	12.91	2 1-	4ACSR	0	0	402	143	7	1	1	0.00	10.51	0
CO28188	CO28012	12.94	7 1-	4ACSR	0	0	400	142	11	1	1	0.01	10.52	0
CO28189	CO28188	13.00	7 1-	4ACSR	0	0	397	142	11	1	1	0.00	10.52	0
CO28014	CO28189	13.05	5 1-	4ACSR	0	0	395	142	7	1	1	0.00	10.52	0
OC-1600376297	CO28014	13.05	5 1-	20 N FUSE	0	0	395	142	7	1	5	0.00	10.52	0
CO28038	OC-1600376297	13.14	1 1-	4ACSR	0	0	390	141	0	0	0	0.00	10.52	0
CO28182	OC-1600376297	13.09	4 1-	4ACSR	0	0	393	141	7	1	1	0.00	10.53	0
CO28183	CO28182	13.30	4 1-	4ACSR	0	0	382	140	7	1	1	0.01	10.54	0
CO28013	CO28183	13.40	2 1-	4ACSR	0	0	377	139	0	0	0	0.00	10.54	0
CO28184	CO28013	13.50	2 1-	4ACSR	0	0	372	138	0	0	0	0.00	10.54	0
CO28185	CO28184	13.91	2 1-	4ACSR	0	0	354	135	0	0	0	0.00	10.54	0
CO28040	CO28013	13.59	0 1-	4ACSR	0	0	368	137	0	0	0	0.00	10.54	0
CO28039	CO28183	13.41	2 1-	4ACSR	0	0	377	139	7	1	1	0.00	10.54	0
CO28180	CO28189	13.09	2 1-	4ACSR	0	0	392	141	4	0	0	0.00	10.52	0
CO28181	CO28180	13.15	1 1-	4ACSR	0	0	390	141	1	0	0	0.00	10.52	0
CO28036	CO30439	12.83	0 1-	4ACSR	0	0	407	143	0	0	0	0.00	10.50	0
CO26064	OC-163418992	12.32	4 1-	4ACSR	0	0	436	148	29	4	3	0.01	10.27	0
CO-1440812839	CO26064	12.33	4 1-	2ACSR	0	0	435	148	29	4	2	0.00	10.27	0
CO1144198943	CO-1440812839	12.34	4 1-	2ACSR	0	0	435	147	29	4	2	0.00	10.28	0
CO26066	CO1144198943	12.39	4 1-	4ACSR	0	0	432	147	29	4	3	0.01	10.29	0
CO25885	CO26066	12.48	4 1-	4ACSR	0	0	426	146	29	4	3	0.02	10.30	0
CO25884	CO25885	12.55	3 1-	4ACSR	0	0	422	146	26	3	3	0.01	10.32	0
CO25827	CO25884	12.70	0 1-	4ACSR	0	0	414	144	0	0	0	0.00	10.32	0
CO25883	CO25884	12.65	2 1-	4ACSR	0	0	417	145	23	3	2	0.01	10.32	0
CO25853+	CO25944	8.85	0 1-	4ACSR	0	0	830	287	0	0	0	0.00	4.50	0
OC-1025601242+	CO25853	8.85	0 1-	20 N FUSE	0	0	830	287	0	0	0	0.00	4.50	0
CO25823+	CO25822	8.62	1 1-	4ACSR	0	0	848	289	10	0	1	0.00	4.44	0
OC862555120+	CO25823	8.62	0 1-	20 N FUSE	0	0	848	289	0	0	0	0.00	4.44	0
CO25462+	CO25430	8.16	0 1-	4ACSR	0	0	886	292	0	0	0	0.00	4.33	0
CO25461+	CO25428	7.83	1 1-	4ACSR	0	0	918	295	0	0	0	0.00	4.23	0
OC1345029754+	CO25461	7.83	0 1-	20 N FUSE	0	0	918	295	0	0	0	0.00	4.23	0
CO25459+	CO25545	7.49	1 1-	4ACSR	0	0	956	299	0	0	0	0.00	4.10	0
OC-1493673982+	CO25459	7.49	0 1-	20 N FUSE	0	0	956	299	0	0	0	0.00	4.10	0
CO25445+	CO25454	7.29	0 1-	1/0ACSR	0	0	980	302	0	0	0	0.00	4.04	0
OC1642465494+	CO25445	7.29	0 1-	20 N FUSE	0	0	980	302	0	0	0	0.00	4.04	0
CO25497+	CO25452	7.15	2 1-	4ACSR	0	0	993	302	21	1	1	0.00	4.00	0
OC-346009164+	CO25497	7.15	0 1-	20 N FUSE	0	0	993	302	0	0	0	0.00	4.00	0
CO25458+	CO25450	6.76	1 1-	4ACSR	0	0	1039	306	8	0	0	0.00	3.88	0
OC-532889547+	CO25458	6.76	0 1-	20 N FUSE	0	0	1039	306	0	0	0	0.00	3.88	0
CO25616+	CO25448	6.56	6 1-	4ACSR	0	0	1065	308	48	3	2	0.00	3.83	0
OC-979086521+	CO25616	6.56	4 1-	20 N FUSE	0	0	1065	308	23	1	8	0.00	3.83	0
CO25617+	OC-979086521	6.59	4 1-	4ACSR	0	0	1059	307	23	1	1	0.00	3.83	0
CO25615+	CO25617	6.64	3 1-	4ACSR	0	0	1050	306	10	0	1	0.00	3.83	0
CO25574+	CO25615	6.72	1 1-	4ACSR	0	0	1037	305	1	0	0	0.00	3.83	0
CO25573+	CO25615	6.68	1 1-	4ACSR	0	0	1043	306	9	0	0	0.00	3.83	0
CO25456+	CO30617	6.10	1 1-	4ACSR	0	0	1125	312	10	0	1	0.00	3.66	0
OC-1222996724+	CO25456	6.10	0 1-	20 N FUSE	0	0	1125	312	0	0	0	0.00	3.66	0
CO15846+	CO15537	5.95	8 1-	4ACSR	0	0	1150	314	39	2	2	0.00	3.64	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC473+	CO15846	5.95	8 1-	10 N FUSE	0	0	1150	314	39	2	28	0.00	3.64	0
CO30616+	OC473	6.06	8 1-	4ACSR	0	0	1128	312	39	2	2	0.01	3.64	0
CO25667+	CO30616	6.07	5 1-	4ACSR	0	0	1127	312	15	1	1	0.00	3.64	0
OC769+	CO25667	6.07	5 1-	10 N FUSE	0	0	1127	312	15	1	11	0.00	3.64	0
CO25668+	OC769	6.19	5 1-	4ACSR	0	0	1102	309	15	1	1	0.00	3.65	0
CO25455+	CO25668	6.27	2 1-	4ACSR	0	0	1088	308	9	0	0	0.00	3.65	0
CO25577+	CO25668	6.27	3 1-	4ACSR	0	0	1088	308	6	0	0	0.00	3.65	0
CO25499+	CO25577	6.36	3 1-	2ACSR	0	0	1074	307	6	0	0	0.00	3.65	0
CO25578+	CO25577	6.36	0 1-	4ACSR	0	0	1070	306	0	0	0	0.00	3.65	0
CO30615+	CO30616	6.15	3 1-	4ACSR	0	0	1110	310	24	1	1	0.00	3.65	0
CO769806424+	CO30615	6.17	1 1-	2ACSR	0	0	1107	310	5	0	0	0.00	3.65	0
CO1412960888+	CO769806424	6.25	1 1-	2ACSR	0	0	1094	309	5	0	0	0.00	3.65	0
CO-982171154+	CO1412960888	6.27	1 1-	1/0PRIURD	0	0	1092	614	5	0	0	0.00	3.65	0
CO15825+	CO15536	5.63	3 1-	4ACSR	0	0	1195	316	24	1	1	0.00	3.51	0
OC1064932378+	CO15825	5.63	3 1-	20 N FUSE	0	0	1195	316	24	1	8	0.00	3.51	0
CO15826+	OC1064932378	5.67	2 1-	4ACSR	0	0	1186	315	11	0	1	0.00	3.51	0
CO15571+	OC1064932378	5.74	1 1-	4ACSR	0	0	1173	314	13	0	1	0.00	3.51	0
CO15560+	CO15724	5.48	67 3-	1/0ACSR	1526	1420	1225	318	1760	41	18	0.05	3.48	123
CO15660+	CO15560	5.70	66 3-	1/0ACSR	1487	1380	1188	316	1745	41	18	0.08	3.56	220
CO15661+	CO15660	5.78	65 3-	1/0ACSR	1474	1368	1177	315	1743	41	18	0.03	3.59	74
CO15662+	CO15661	5.87	64 3-	1/0ACSR	1460	1354	1164	315	1742	41	18	0.03	3.62	83
CO15573+	CO15662	5.91	2 3-	1/0PRIURD	1458	1351	1158	638	1326	31	21	0.01	3.63	27
CO15861+	CO15573	5.94	1 3-	1/0PRIURD	1456	1349	1157	637	507	11	8	0.00	3.64	0
260646052+	CO15861	5.94	1 3-	Consumer	1456	1349	1157	637	507	11	0	0.00	3.64	0
260646021+	CO15573	5.91	1 3-	Consumer	1458	1351	1158	638	819	19	0	0.00	3.63	0
CO15703+	CO15662	6.04	62 3-	1/0ACSR	1433	1329	1138	313	415	9	4	0.01	3.64	8
CO15704+	CO15703	6.10	60 3-	1/0ACSR	1422	1320	1129	312	331	7	3	0.00	3.64	2
CO15705+	CO15704	6.13	60 3-	1/0ACSR	1418	1316	1125	312	331	7	3	0.00	3.64	0
CO15706+	CO15705	6.28	60 3-	1/0ACSR	1395	1295	1104	311	330	7	3	0.01	3.66	5
CO15707+	CO15706	6.35	58 1-	4ACSR	0	0	1091	309	320	23	16	0.04	3.69	19
AU39	CO15707	6.35	56 1-	167 KVA 1PH AUT	0	0	625	168	315	22	196	1.89	5.58	0
CO15708	AU39	6.38	56 1-	4ACSR	0	0	623	168	315	45	32	0.06	5.64	31
CO15817	CO15708	6.42	56 1-	4ACSR	0	0	619	168	315	45	32	0.09	5.73	47
CO15818	CO15817	6.47	54 1-	4ACSR	0	0	614	167	313	45	32	0.11	5.84	57
CO15728	CO15818	6.58	52 1-	4ACSR	0	0	604	166	296	42	30	0.21	6.05	101
CO15729	CO15728	6.61	51 1-	4ACSR	0	0	601	165	289	41	30	0.07	6.12	34
CO15841	CO15729	6.73	0 1-	1/0PRIURD	0	0	595	346	0	0	0	0.00	6.12	0
CO15670	CO15841	6.81	0 1-	1/0PRIURD	0	0	591	344	0	0	0	0.00	6.12	0
CO15849	CO15729	6.62	51 1-	4ACSR	0	0	600	165	288	41	30	0.01	6.13	6
OC475	CO15849	6.62	51 1-	35 H OCR	0	0	600	165	288	41	119	0.00	6.13	0
CO15850	OC475	6.63	51 1-	4ACSR	0	0	599	165	288	41	30	0.02	6.15	11
CO15799	CO15850	6.69	50 1-	4ACSR	0	0	594	165	280	40	29	0.11	6.27	53
CO15663	CO15799	6.83	49 1-	4ACSR	0	0	582	163	276	39	29	0.25	6.52	113
CO15669	CO15663	6.94	2 1-	4ACSR	0	0	572	162	0	0	0	0.00	6.52	0
CO15748	CO15669	7.04	2 1-	4ACSR	0	0	563	161	0	0	0	0.00	6.52	0
CO15749	CO15748	7.18	1 1-	4ACSR	0	0	551	160	0	0	0	0.00	6.52	0
CO15730	CO15663	6.94	46 1-	4ACSR	0	0	572	162	273	39	28	0.20	6.72	90
CO30614	CO15730	7.00	45 1-	4ACSR	0	0	566	161	256	37	27	0.11	6.82	46
CO25505	CO30614	7.06	44 1-	4ACSR	0	0	561	161	245	35	25	0.10	6.93	42
CO25503	CO25505	7.25	44 1-	4ACSR	0	0	545	159	245	35	25	0.31	7.23	125
CO731115333	CO25503	7.37	1 1-	2ACSR	0	0	536	158	0	0	0	0.00	7.23	0
CO-914942552	CO731115333	7.50	1 1-	2ACSR	0	0	527	157	0	0	0	0.00	7.23	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-2071096275	CO731115333	7.39	0 1-	2ACSR	0	0	535	158	0	0	0	0.00	7.23	0
CO25604	CO25503	7.30	42 1-	4ACSR	0	0	541	159	237	34	25	0.07	7.30	27
CO25605	CO25604	7.33	40 1-	4ACSR	0	0	538	158	230	33	24	0.05	7.35	20
CO25502	CO25605	7.40	40 1-	4ACSR	0	0	532	157	230	33	24	0.12	7.47	46
CO25466	CO25502	7.50	0 1-	4ACSR	0	0	524	157	0	0	0	0.00	7.47	0
CO25465	CO25502	7.50	1 1-	4ACSR	0	0	524	157	8	1	1	0.00	7.47	0
CO25432	CO25502	7.53	39 1-	4ACSR	0	0	522	156	221	32	23	0.18	7.66	69
CO25608	CO25432	7.64	36 1-	4ACSR	0	0	513	155	212	31	22	0.16	7.82	57
CO25609	CO25608	7.65	35 1-	4ACSR	0	0	512	155	209	30	22	0.02	7.83	6
CO25515	CO25609	7.73	35 1-	4ACSR	0	0	506	154	209	30	22	0.10	7.93	34
CO25513	CO25515	7.77	29 1-	4ACSR	0	0	503	154	165	24	17	0.05	7.98	13
CO25494	CO25513	7.80	1 1-	4ACSR	0	0	501	154	13	1	1	0.00	7.98	0
CO25514	CO25513	7.82	28 1-	4ACSR	0	0	499	154	152	22	16	0.05	8.04	14
CO25612	CO25514	7.97	25 1-	4ACSR	0	0	488	152	145	21	15	0.14	8.17	33
CO25613	CO25612	8.12	23 1-	4ACSR	0	0	477	151	130	19	14	0.14	8.31	30
CO25584	CO25613	8.24	22 1-	4ACSR	0	0	468	150	129	19	14	0.10	8.41	22
CO25585	CO25584	8.25	22 1-	4ACSR	0	0	467	150	129	19	14	0.02	8.43	3
OC-2138495312	CO25585	8.25	22 1-	20 N FUSE	0	0	467	150	129	19	95	0.00	8.43	0
CO25508	OC-2138495312	8.33	4 1-	4ACSR	0	0	462	149	16	2	2	0.01	8.43	0
CO25510	CO25508	8.40	1 1-	4ACSR	0	0	457	148	5	0	0	0.00	8.43	0
CO25509	CO25508	8.55	1 1-	4ACSR	0	0	447	147	0	0	0	0.00	8.43	0
CO25586	OC-2138495312	8.54	18 1-	4ACSR	0	0	448	147	113	16	12	0.22	8.64	42
CO25587	CO25586	8.63	17 1-	4ACSR	0	0	442	147	113	16	12	0.07	8.71	13
CO25506	CO25587	8.67	17 1-	4ACSR	0	0	439	146	113	16	12	0.04	8.75	7
CO25507	CO25506	8.81	17 1-	4ACSR	0	0	431	145	113	16	12	0.11	8.86	21
CO-1981786639	CO25507	8.97	0 1-	2ACSR	0	0	423	144	0	0	0	0.00	8.86	0
CO25526	CO25507	8.85	12 1-	4ACSR	0	0	428	145	81	12	9	0.02	8.88	2
OC484639549	CO25526	8.85	10 1-	20 N FUSE	0	0	428	145	66	9	49	0.00	8.88	0
CO25525	OC484639549	8.90	10 1-	4ACSR	0	0	426	144	66	9	7	0.02	8.90	2
CO25580	CO25525	8.95	10 1-	4ACSR	0	0	422	144	66	9	7	0.02	8.92	3
CO25579	CO25580	9.02	10 1-	4ACSR	0	0	418	143	66	9	7	0.03	8.95	3
CO25524	CO25579	9.18	8 1-	4ACSR	0	0	409	142	53	7	6	0.05	9.00	5
CO25522	CO25524	9.21	1 1-	4ACSR	0	0	407	142	2	0	0	0.00	9.00	0
CO30357	CO25522	9.27	1 1-	4ACSR	0	0	404	141	2	0	0	0.00	9.00	0
CO25523	CO25524	9.21	6 1-	4ACSR	0	0	407	142	46	6	5	0.01	9.01	0
CO30358	CO25523	9.30	6 1-	4ACSR	0	0	402	141	46	6	5	0.03	9.04	2
CO25736	CO30358	9.40	3 1-	4ACSR	0	0	397	140	17	2	2	0.01	9.05	0
CO967116347	CO25736	9.46	1 1-	2ACSR	0	0	394	140	3	0	0	0.00	9.05	0
CO25735	CO30358	9.35	2 1-	4ACSR	0	0	400	141	21	3	2	0.00	9.05	0
CO25734	CO30358	9.37	1 1-	4ACSR	0	0	398	141	7	1	1	0.00	9.04	0
CO25590	CO25507	8.92	5 1-	4ACSR	0	0	424	144	32	4	3	0.02	8.88	0
CO25591	CO25590	9.00	4 1-	4ACSR	0	0	419	143	31	4	3	0.02	8.90	0
CO25518	CO25591	9.19	2 1-	2ACSR	0	0	410	142	17	2	1	0.01	8.91	0
CO25519	CO25518	9.27	1 1-	2ACSR	0	0	407	142	2	0	0	0.00	8.91	0
CO25592	CO25591	9.19	1 1-	4ACSR	0	0	408	142	11	1	1	0.01	8.91	0
CO30370	CO25592	9.40	0 1-	4ACSR	0	0	397	140	0	0	0	0.00	8.91	0
CO25516	CO25592	9.25	1 1-	4ACSR	0	0	405	141	11	1	1	0.00	8.92	0
CO25517	CO25516	9.28	1 1-	4ACSR	0	0	403	141	11	1	1	0.00	8.92	0
CO25511	CO25514	7.94	2 1-	4ACSR	0	0	490	153	5	0	0	0.00	8.04	0
CO25512	CO25511	8.03	1 1-	4ACSR	0	0	483	152	0	0	0	0.00	8.04	0
CO25610	CO25515	7.77	3 1-	4ACSR	0	0	502	154	17	2	2	0.00	7.94	0
CO25611	CO25610	7.84	2 1-	4ACSR	0	0	497	153	11	1	1	0.00	7.94	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25606	CO25432	7.62	3 1-	4ACSR	0	0	515	155	9	1	1	0.00	7.66	0
CO25607	CO25606	7.67	0 1-	4ACSR	0	0	511	155	0	0	0	0.00	7.66	0
CO25504	CO30614	7.12	1 1-	2ACSR	0	0	557	161	10	1	1	0.00	6.83	0
CO15574	CO15663	6.88	1 1-	4ACSR	0	0	577	163	3	0	0	0.00	6.52	0
CO15827	CO15818	6.55	2 1-	4ACSR	0	0	607	166	17	2	2	0.01	5.85	0
CO15575	CO15827	6.60	0 1-	4ACSR	0	0	602	166	0	0	0	0.00	5.85	0
CO15828	CO15827	6.61	2 1-	4ACSR	0	0	601	165	17	2	2	0.00	5.85	0
CO15614+	CO15560	5.50	1 1-	4ACSR	0	0	1221	318	15	1	1	0.00	3.48	0
OC-1871200692+	CO15614	5.50	0 1-	20 N FUSE	0	0	1221	318	0	0	0	0.00	3.48	0
CO15570+	CO15722	5.18	1 1-	4ACSR	0	0	1272	321	15	1	1	0.00	3.27	0
OC-269814331+	CO15570	5.18	0 1-	20 N FUSE	0	0	1272	321	0	0	0	0.00	3.27	0
CO15567+	OC-527721729	4.89	1 3-	4ACSR	1630	1524	1325	323	1	0	0	0.00	3.03	0
OC-1015051850+	CO15567	4.89	0 3-	20 N FUSE	1630	1524	1325	323	0	0	0	0.00	3.03	0
CO15569+	CO15535	4.96	0 1-	4ACSR	0	0	1308	322	0	0	0	0.00	3.03	0
CO15568+	CO15535	4.89	2 1-	4ACSR	0	0	1325	323	12	0	1	0.00	3.03	0
OC1308650129+	CO15568	4.89	0 1-	20 N FUSE	0	0	1325	323	0	0	0	0.00	3.03	0
CO15531+	CO15530	5.10	83 3-	1/0CU	1611	1507	1305	323	524	12	4	0.03	2.97	23
CO15619+	CO15531	5.33	81 3-	1/0CU	1576	1472	1270	322	518	12	4	0.02	2.99	12
CO15620+	CO15619	5.53	81 3-	1/0CU	1545	1441	1241	320	518	12	4	0.02	3.00	11
CO15857+	CO15620	5.54	79 2-	2ACSR	0	1439	1239	320	512	18	10	0.00	3.00	0
OC479+	CO15857	5.54	79 2-	70 E OCR	0	1439	1239	320	512	18	26	0.00	3.00	0
CO15858+	OC479	5.63	79 2-	2ACSR	0	1420	1222	319	512	18	10	0.02	3.03	19
CO15719+	CO15858	5.72	79 2-	2ACSR	0	1401	1205	318	512	18	10	0.02	3.05	19
CO15720+	CO15719	5.79	78 2-	2ACSR	0	1385	1192	317	490	17	10	0.02	3.07	14
CO15565+	CO15720	5.87	1 1-	4ACSR	0	0	1175	315	18	1	1	0.00	3.07	0
CO15621+	CO15720	5.89	74 2-	4ACSR	0	1362	1172	315	448	15	11	0.03	3.10	23
CO15752+	CO15621	5.92	74 2-	4ACSR	0	1355	1164	314	448	15	11	0.01	3.11	10
CO15753+	CO15752	5.96	71 2-	4ACSR	0	1349	1157	314	429	15	11	0.01	3.12	7
CO15532+	CO15753	6.08	61 2-	2ACSR	0	1327	1136	312	373	13	7	0.02	3.15	14
CO15533+	CO15532	6.13	60 2-	2ACSR	0	1318	1127	311	373	13	7	0.01	3.16	6
XFMR22	CO15533	6.13	60 2-	333 KVA 1PH AUT	0	933	879	172	373	13	57	0.62	3.78	0
CO15534	XFMR22	6.17	60 2-	2ACSR	0	928	873	171	373	26	15	0.03	3.80	15
CO15840	CO15534	6.31	23 1-	1/0PRIURD	0	0	853	392	146	20	14	0.06	3.86	12
CO15838	CO15840	6.39	20 1-	1/0PRIURD	0	0	842	389	122	17	12	0.03	3.89	5
CO15839	CO15838	6.42	17 1-	1/0PRIURD	0	0	838	388	101	14	10	0.01	3.90	0
CO15737	CO15839	6.46	12 1-	1/0PRIURD	0	0	833	387	76	10	7	0.01	3.91	0
CO15738	CO15737	6.51	7 1-	1/0PRIURD	0	0	827	385	45	6	4	0.00	3.91	0
CO15566	CO15534	6.22	33 1-	1/0PRIURD	0	0	866	395	194	27	18	0.03	3.83	8
CO15699	CO15566	6.28	29 1-	1/0PRIURD	0	0	857	393	162	22	15	0.03	3.86	6
CO15718	CO15699	6.34	21 1-	1/0PRIURD	0	0	849	391	113	16	11	0.02	3.88	3
CO15717	CO15718	6.40	15 1-	1/0PRIURD	0	0	841	389	73	10	7	0.01	3.89	0
CO15700	CO15717	6.46	9 1-	1/0PRIURD	0	0	834	387	46	6	4	0.00	3.89	0
CO15664+	CO15753	6.02	5 1-	2ACSR	0	0	1147	313	48	3	2	0.00	3.13	0
CO15665+	CO15664	6.05	2 1-	2ACSR	0	0	1140	312	24	1	1	0.00	3.13	0
CO15854+	CO15858	5.64	0 1-	4ACSR	0	0	1221	319	0	0	0	0.00	3.03	0
SW480-A+	CO15854	5.64	0 1-	Open	0	0	1221	319	0	0	0	0.00	3.03	0
CO15564+	CO15620	5.60	1 1-	4ACSR	0	0	1225	319	5	0	0	0.00	3.00	0
CO15545+	CO15620	5.57	0 3-	1/0CU	1541	1436	1236	320	0	0	0	0.00	3.00	0
CO15851+	CO15545	5.57	0 3-	4/0ACSR	1540	1435	1235	320	0	0	0	0.00	3.00	0
OC962+	CO15851	5.57	0 3-	WVE	1540	1435	1235	320	0	0	0	0.00	3.00	0
CO15563+	CO15531	5.47	2 1-	4ACSR	0	0	1216	316	6	0	0	0.00	2.97	0
OC-1436264756+	CO15563	5.47	0 1-	20 N FUSE	0	0	1216	316	0	0	0	0.00	2.97	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16016+	CO15874	3.60	3 1-	4ACSR	0	0	1566	332	34	2	2	0.01	2.23	0
OC-867681324+	CO16016	3.60	2 1-	20 N FUSE	0	0	1566	332	27	1	9	0.00	2.23	0
CO16017+	OC-867681324	3.64	2 1-	4ACSR	0	0	1553	331	27	1	1	0.00	2.23	0
CO16018+	CO16017	3.68	2 1-	4ACSR	0	0	1540	330	27	1	1	0.00	2.24	0
CO16011+	CO16010	3.16	4 1-	4ACSR	0	0	1682	336	41	2	2	0.00	2.05	0
OC1240717059+	CO16011	3.16	4 1-	20 N FUSE	0	0	1682	336	41	2	14	0.00	2.05	0
CO16012+	OC1240717059	3.23	4 1-	4ACSR	0	0	1654	335	41	2	2	0.00	2.05	0
CO16013+	CO16012	3.28	3 1-	4ACSR	0	0	1635	334	26	1	1	0.00	2.05	0
CO16014+	CO16013	3.31	2 1-	4ACSR	0	0	1624	333	25	1	1	0.00	2.05	0
CO16015+	CO16014	3.37	1 1-	4ACSR	0	0	1602	332	11	0	1	0.00	2.05	0
CO16006+	CO16002	3.10	1 1-	4ACSR	0	0	1688	336	6	0	0	0.00	1.99	0
OC-49092676+	CO16006	3.10	1 1-	20 N FUSE	0	0	1688	336	6	0	2	0.00	1.99	0
CO16007+	OC-49092676	3.39	1 1-	4ACSR	0	0	1579	330	6	0	0	0.00	1.99	0
CO16003+	CO16002	3.03	3 1-	4ACSR	0	0	1719	338	24	1	1	0.00	1.99	0
OC121863833+	CO16003	3.03	3 1-	20 N FUSE	0	0	1719	338	24	1	8	0.00	1.99	0
CO16004+	OC121863833	3.07	3 1-	4ACSR	0	0	1704	337	24	1	1	0.00	1.99	0
CO16005+	CO16004	3.10	1 1-	4ACSR	0	0	1689	336	15	1	1	0.00	1.99	0
CO15997+	CO15996	2.98	3 1-	4ACSR	0	0	1710	336	7	0	0	0.00	1.88	0
OC-1525615919+	CO15997	2.98	2 1-	20 N FUSE	0	0	1710	336	1	0	0	0.00	1.88	0
CO15998+	OC-1525615919	3.05	2 1-	4ACSR	0	0	1682	334	1	0	0	0.00	1.88	0
CO15897+	CO15998	3.10	1 1-	4ACSR	0	0	1661	333	0	0	0	0.00	1.88	0
CO15999+	CO15998	3.11	1 1-	4ACSR	0	0	1656	333	1	0	0	0.00	1.88	0
CO15982+	CO15988	2.59	2 1-	4ACSR	0	0	1836	340	41	2	2	0.00	1.74	0
OC1160714839+	CO15982	2.59	2 1-	20 N FUSE	0	0	1836	340	41	2	14	0.00	1.74	0
CO15983+	OC1160714839	2.63	2 1-	4ACSR	0	0	1821	340	41	2	2	0.00	1.74	0
CO15984+	CO15983	2.67	1 1-	4ACSR	0	0	1800	339	16	1	1	0.00	1.74	0
CO15985+	CO15984	2.77	1 1-	4ACSR	0	0	1758	337	16	1	1	0.00	1.74	0
CO15886+	CO15872	1.74	4 2-	4ACSR	0	2282	2125	345	25	0	1	0.00	1.18	0
OC-2032052950+	CO15886	1.74	0 2-	20 N FUSE	0	2282	2125	345	0	0	0	0.00	1.18	0
CO-11207904+	CO15886	1.76	3 1-	2ACSR	0	0	2118	345	25	1	1	0.00	1.18	0
CO15989+	CO15994	1.68	3 1-	4ACSR	0	0	2143	345	16	1	1	0.00	1.12	0
OC1760263424+	CO15989	1.68	1 1-	20 N FUSE	0	0	2143	345	4	0	1	0.00	1.12	0
CO15990+	OC1760263424	1.73	1 1-	4ACSR	0	0	2113	344	4	0	0	0.00	1.12	0
CO15260+	CO15391	0.61	1 1-	1/0PRIURD	0	0	2694	884	20	1	1	0.00	0.46	0
OC-2060606951+	CO15260	0.61	0 1-	20 N FUSE	0	0	2694	884	0	0	0	0.00	0.46	0
CO15489+	CO15391	0.66	5 3-	4ACSR	2754	2730	2653	352	1073	24	18	0.04	0.50	64
CO15233+	CO15489	0.68	1 1-	4ACSR	0	0	2633	352	419	28	21	0.02	0.52	11
260764002+	CO15233	0.68	1 1-	Consumer	0	0	2633	352	419	28	0	0.00	0.52	0
CO15488+	CO15489	0.70	4 3-	4ACSR	2731	2703	2619	351	653	15	11	0.01	0.51	13
CO15490+	CO15488	0.72	2 3-	4ACSR	2718	2687	2600	351	623	14	10	0.01	0.52	7
CO15249+	CO15490	0.74	1 1-	4ACSR	0	0	2580	350	0	0	0	0.00	0.52	0
260765075+	CO15490	0.72	1 3-	Consumer	2718	2687	2600	351	623	14	0	0.00	0.52	0
CO15231+	CO15345	0.62	2 1-	4ACSR	0	0	2678	352	28	1	1	0.00	0.44	0
OC169419107+	CO15231	0.62	0 1-	20 N FUSE	0	0	2678	352	0	0	0	0.00	0.44	0
CO15508+	CO15507	0.02	160 3-	750 MCM - 42 Wi	3058	3094	3112	357	3094	69	6	0.00	0.01	3
Hospital+	CO15508	0.02	160 3-	WVE	3058	3094	3112	357	3094	69	12	0.00	0.01	0
CO15371+	Hospital	0.02	160 3-	4/0ACSR	3055	3089	3107	357	3094	69	21	0.00	0.01	9
CO15373+	CO15371	0.03	160 3-	4/0ACSR	3053	3085	3103	357	3094	69	21	0.00	0.01	8
CO17260+	CO15373	0.06	160 3-	4/0ACSR	3037	3063	3079	357	3094	69	21	0.01	0.02	42
CO15372+	CO17260	0.12	160 3-	4/0ACSR	3007	3020	3033	357	3094	69	21	0.02	0.04	84
AU37	CO15372	0.12	160 3-	3000 KVA 3PH AU	1492	1494	1495	179	3093	69	100	1.51	1.55	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15180	AU37	0.17	75 3-	4/0ACSR	1481	1481	1478	178	1684	75	22	0.03	1.58	76
CO15375	CO15180	0.17	75 3-	4/0ACSR	1479	1479	1475	178	1684	75	22	0.01	1.59	14
CO15374	CO15375	0.19	73 3-	4/0ACSR	1476	1475	1470	178	1645	74	22	0.01	1.60	23
CO15376	CO15374	0.31	70 3-	4/0ACSR	1447	1443	1427	178	1602	72	21	0.08	1.68	185
CO15182	CO15376	0.42	63 3-	4/0ACSR	1423	1416	1392	178	1232	55	16	0.05	1.73	92
OC33870724	CO15182	0.42	57 3-	20 N FUSE	1423	1416	1392	178	1180	53	267	0.00	1.73	0
CO708956542	OC33870724	0.45	7 3-	2ACSR	1416	1409	1382	177	93	4	2	0.00	1.74	0
CO-1871149795	CO708956542	0.50	4 3-	2ACSR	1403	1393	1361	177	47	2	1	0.00	1.74	0
CO15378	OC33870724	0.46	44 3-	4/0ACSR	1413	1405	1378	178	550	24	7	0.01	1.74	8
CO15377	CO15378	0.51	44 3-	4/0ACSR	1403	1393	1363	177	550	24	7	0.01	1.75	9
OC721550299	CO15377	0.51	37 3-	20 N FUSE	1403	1393	1363	177	456	20	103	0.00	1.75	0
CO15379	OC721550299	0.55	37 3-	2ACSR	1392	1381	1347	177	456	20	11	0.02	1.78	16
CO157119595	CO15379	0.58	35 3-	2ACSR	1386	1374	1337	177	428	19	11	0.01	1.79	9
CO15381	CO157119595	0.63	35 3-	4/0ACSR	1375	1362	1323	177	428	19	6	0.01	1.80	5
CO15380	CO15381	0.67	33 3-	4/0ACSR	1366	1352	1310	177	394	17	5	0.01	1.80	4
CO15475	CO15380	0.69	9 1-	4ACSR	0	0	1301	176	110	14	11	0.01	1.82	0
CO15474	CO15475	0.73	6 1-	4ACSR	0	0	1286	176	56	7	5	0.01	1.83	0
CO15472	CO15474	0.76	6 1-	4ACSR	0	0	1277	176	56	7	5	0.00	1.83	0
CO15473	CO15472	0.77	0 1-	4ACSR	0	0	1272	175	0	0	0	0.00	1.83	0
CO15477	CO15380	0.69	11 1-	4ACSR	0	0	1302	176	50	6	5	0.01	1.81	0
CO15476	CO15477	0.73	8 1-	4ACSR	0	0	1286	176	43	5	4	0.01	1.82	0
CO15481	CO15476	0.77	3 1-	4ACSR	0	0	1272	175	20	2	2	0.00	1.82	0
CO15480	CO15481	0.82	0 1-	4ACSR	0	0	1251	175	0	0	0	0.00	1.82	0
CO15479	CO15476	0.78	1 1-	4ACSR	0	0	1267	175	5	0	0	0.00	1.82	0
CO15478	CO15476	0.77	4 1-	4ACSR	0	0	1273	175	18	2	2	0.00	1.82	0
CO15382	CO15380	0.71	13 3-	4/0ACSR	1358	1343	1299	176	234	10	3	0.00	1.81	0
CO15384	CO15382	0.75	12 3-	4/0ACSR	1350	1334	1287	176	206	9	3	0.00	1.81	0
CO15383	CO15384	0.77	11 3-	4/0ACSR	1345	1328	1281	176	195	8	3	0.00	1.81	0
CO17244	CO15383	0.87	9 3-	4/0ACSR	1325	1306	1253	176	173	7	2	0.01	1.82	0
CO15958	CO17244	0.91	9 3-	4/0ACSR	1317	1297	1243	176	173	7	2	0.00	1.82	0
CO15961	CO15958	0.97	7 3-	4ACSR	1304	1281	1223	175	96	4	3	0.01	1.83	0
CO15962	CO15961	1.06	6 3-	4ACSR	1279	1252	1189	174	71	3	2	0.01	1.84	0
CO15876	CO15962	1.12	3 3-	2ACSR	1266	1238	1172	174	25	1	1	0.00	1.84	0
CO15963	CO15876	1.16	1 1-	4ACSR	0	0	1157	173	0	0	0	0.00	1.84	0
OC2055879493	CO15963	1.16	1 1-	20 N FUSE	0	0	1157	173	0	0	0	0.00	1.84	0
CO15964	OC2055879493	1.22	1 1-	4ACSR	0	0	1135	173	0	0	0	0.00	1.84	0
CO15965	CO15962	1.08	3 3-	4ACSR	1275	1248	1184	174	46	2	1	0.00	1.84	0
CO15894	CO15965	1.10	1 1-	4ACSR	0	0	1175	174	34	4	3	0.00	1.85	0
CO15966	CO15965	1.16	1 1-	4ACSR	0	0	1155	173	6	0	1	0.00	1.85	0
CO15959	CO15958	0.94	2 3-	4ACSR	1310	1289	1233	175	77	3	2	0.00	1.83	0
CO17183	CO15959	0.99	1 3-	4ACSR	1300	1276	1217	175	66	2	2	0.00	1.83	0
CO15960	CO15959	0.96	1 3-	4ACSR	1306	1283	1226	175	11	0	0	0.00	1.83	0
CO15241	CO15383	0.82	2 1-	4ACSR	0	0	1263	176	22	3	2	0.00	1.82	0
CO808551944	CO15379	0.58	0 3-	2ACSR	1385	1373	1336	177	0	0	0	0.00	1.78	0
CO1130590267	CO808551944	0.63	0 3-	2ACSR	1373	1359	1318	176	0	0	0	0.00	1.78	0
CO-697972288	CO1130590267	0.68	0 3-	2ACSR	1361	1346	1301	176	0	0	0	0.00	1.78	0
CO-640866507	CO-697972288	0.72	0 3-	2ACSR	1352	1336	1288	176	0	0	0	0.00	1.78	0
CO15470	CO15377	0.54	6 1-	4ACSR	0	0	1353	177	94	12	9	0.01	1.77	0
OC-1309509991	CO15470	0.54	5 1-	20 N FUSE	0	0	1353	177	75	10	51	0.00	1.77	0
CO15469	OC-1309509991	0.60	5 1-	4ACSR	0	0	1329	176	75	10	7	0.02	1.79	3
CO15471	CO15469	0.64	3 1-	4ACSR	0	0	1313	176	56	7	5	0.01	1.80	0
CO15467	OC33870724	0.44	6 3-	4ACSR	1417	1409	1383	177	537	24	17	0.02	1.75	17

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15466	CO15467	0.50	5 3-	4ACSR	1401	1390	1357	177	478	21	15	0.05	1.81	42
CO15500	CO15466	0.54	1 3-	2ACSR	1392	1380	1344	176	332	15	8	0.01	1.82	7
CO15499	CO15500	0.57	1 3-	2ACSR	1383	1370	1331	176	332	15	8	0.01	1.83	7
260765047	CO15499	0.57	1 3-	Consumer	1383	1370	1331	176	332	15	0	0.00	1.83	0
CO15468	CO15466	0.52	4 3-	4ACSR	1396	1385	1350	177	145	6	5	0.00	1.81	0
CO15181	CO15376	0.37	6 3-	4/0ACSR	1434	1428	1408	178	253	11	3	0.01	1.69	2
CO15245	CO15181	0.39	1 3-	1/0PRIURD	1433	1428	1405	449	128	5	4	0.00	1.69	0
OC1094632428	CO15245	0.39	0 3-	20 N FUSE	1433	1428	1405	449	0	0	0	0.00	1.69	0
CO15464	CO15181	0.39	5 3-	4ACSR	1430	1423	1401	178	124	5	4	0.00	1.69	0
CO15462	CO15464	0.41	4 3-	4ACSR	1423	1415	1390	177	51	2	2	0.00	1.69	0
CO15463	CO15462	0.45	2 3-	4ACSR	1412	1403	1373	177	29	1	1	0.00	1.69	0
CO17173	CO15463	0.54	1 3-	4ACSR	1388	1375	1337	176	22	0	1	0.00	1.69	0
CO15957	CO17173	0.58	0 3-	4ACSR	1376	1361	1319	175	0	0	0	0.00	1.69	0
CO15243	CO15376	0.35	1 3-	1/0PRIURD	1446	1439	1415	450	117	5	4	0.00	1.68	0
OC27806427	CO15243	0.35	0 3-	20 N FUSE	1446	1439	1415	450	0	0	0	0.00	1.68	0
CO15248	CO15374	0.20	1 1-	2ACSR	0	0	1464	178	26	3	2	0.00	1.60	0
OC929369398	CO15248	0.20	0 1-	20 N FUSE	0	0	1464	178	0	0	0	0.00	1.60	0
CO15179	AU37	0.19	85 3-	4/0ACSR	1476	1475	1471	178	1409	63	19	0.04	1.59	75
CO15183	CO15179	0.25	71 3-	4/0ACSR	1461	1458	1448	178	1159	52	15	0.03	1.62	50
CO15242	CO15183	0.30	1 3-	4ACSR	1448	1444	1427	178	387	17	12	0.03	1.65	21
260765030	CO15242	0.30	1 3-	Consumer	1448	1444	1427	178	387	17	0	0.00	1.65	0
CO15485	CO15183	0.30	6 1-	4ACSR	0	0	1426	178	58	7	6	0.01	1.63	0
CO15484	CO15485	0.32	0 1-	4ACSR	0	0	1416	177	0	0	0	0.00	1.63	0
CO15385	CO15183	0.28	64 3-	4/0ACSR	1454	1451	1439	178	713	32	9	0.01	1.63	8
CO15386	CO15385	0.33	62 3-	4/0ACSR	1444	1439	1423	178	667	30	9	0.01	1.64	11
CO15390	CO15386	0.35	53 3-	4/0ACSR	1437	1432	1413	178	600	27	8	0.01	1.65	6
CO15389	CO15390	0.40	53 3-	4/0ACSR	1428	1421	1399	178	600	27	8	0.01	1.66	9
CO15387	CO15389	0.42	47 3-	4/0ACSR	1422	1415	1391	178	555	25	7	0.01	1.66	4
CO15388	CO15387	0.44	39 3-	4/0ACSR	1418	1410	1385	178	507	22	7	0.00	1.67	3
CO17172	CO15388	0.48	38 3-	4/0ACSR	1410	1401	1374	177	478	21	6	0.01	1.67	5
OC-289440322	CO17172	0.48	31 3-	20 N FUSE	1410	1401	1374	177	382	17	86	0.00	1.67	0
CO15875	OC-289440322	0.53	30 3-	4/0ACSR	1398	1388	1356	177	349	15	5	0.01	1.68	4
CO15945	CO15875	0.62	28 1-	4ACSR	0	0	1323	176	333	45	32	0.16	1.84	86
OC-923336956	CO15945	0.62	27 1-	10 N FUSE	0	0	1323	176	315	42	427	0.00	1.84	0
CO15946	OC-923336956	0.66	27 1-	4ACSR	0	0	1304	176	315	42	31	0.08	1.92	40
CO15941	CO15946	0.71	21 1-	4ACSR	0	0	1286	175	261	35	25	0.07	1.99	27
CO15942	CO15941	0.75	18 1-	4ACSR	0	0	1270	175	238	32	23	0.05	2.04	18
CO15943	CO15942	0.76	15 1-	4ACSR	0	0	1264	175	189	25	18	0.02	2.06	5
CO15944	CO15943	0.80	15 1-	4ACSR	0	0	1248	174	189	25	18	0.04	2.10	13
CO16019	CO15944	0.86	10 1-	4ACSR	0	0	1225	174	75	10	7	0.03	2.13	3
CO15893	CO16019	0.90	1 1-	4ACSR	0	0	1211	173	7	0	1	0.00	2.13	0
CO16020	CO16019	0.90	9 1-	4ACSR	0	0	1211	173	68	9	7	0.01	2.14	0
CO17182	CO16020	0.96	6 1-	4ACSR	0	0	1187	172	46	6	4	0.02	2.16	0
CO15261	CO17182	1.03	1 1-	1/0PRIURD	0	0	1168	412	1	0	0	0.00	2.16	0
CO15483	CO17182	0.99	5 1-	4ACSR	0	0	1174	172	45	6	4	0.00	2.16	0
CO15482	CO15483	1.02	0 1-	4ACSR	0	0	1163	172	0	0	0	0.00	2.16	0
CO15939	CO15944	0.85	3 1-	4ACSR	0	0	1228	174	83	11	8	0.02	2.12	2
CO15940	CO15939	0.88	2 1-	4ACSR	0	0	1216	173	54	7	5	0.01	2.13	0
CO15947	CO15875	0.54	2 1-	4ACSR	0	0	1352	177	17	2	2	0.00	1.68	0
OC1103329423	CO15947	0.54	2 1-	20 N FUSE	0	0	1352	177	17	2	11	0.00	1.68	0
CO15949	OC1103329423	0.61	2 1-	4ACSR	0	0	1325	176	17	2	2	0.01	1.69	0
CO15950	CO15949	0.71	2 1-	4ACSR	0	0	1284	175	17	2	2	0.01	1.70	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15951	CO15950	0.74	2 1-	4ACSR	0	0	1271	175	17	2	2	0.00	1.70	0
CO15952	CO15951	0.77	1 1-	4ACSR	0	0	1260	175	13	1	1	0.00	1.70	0
CO15953	CO15952	0.83	0 1-	4ACSR	0	0	1238	174	0	0	0	0.00	1.70	0
CO15954	CO15953	0.84	0 1-	4ACSR	0	0	1232	174	0	0	0	0.00	1.70	0
CO15948	OC1103329423	0.58	0 1-	1/0PRIURD	0	0	1343	443	0	0	0	0.00	1.68	0
CO15896	OC-289440322	0.51	1 3-	4ACSR	1402	1392	1361	177	33	1	1	0.00	1.67	0
CO15955	CO17172	0.67	6 1-	4ACSR	0	0	1293	175	74	10	7	0.09	1.76	11
CO17181	CO15955	0.72	6 1-	4ACSR	0	0	1275	175	74	10	7	0.01	1.77	0
CO15465	CO17181	0.75	0 1-	4ACSR	0	0	1261	174	0	0	0	0.00	1.77	0
CO15956	CO15955	0.72	0 1-	4ACSR	0	0	1272	175	0	0	0	0.00	1.76	0
CO15460	CO15179	0.22	13 3-	4ACSR	1468	1466	1457	178	174	7	6	0.01	1.60	3
CO15240	CO15460	0.24	1 3-	4ACSR	1462	1460	1448	178	17	0	1	0.00	1.60	0
CO15458	CO15460	0.26	11 3-	4ACSR	1458	1454	1440	178	141	6	5	0.01	1.61	0
CO15459	CO15458	0.29	10 3-	4ACSR	1447	1443	1424	177	135	6	4	0.01	1.61	0
CO15461	CO15459	0.36	6 1-	4ACSR	0	0	1393	176	62	8	6	0.02	1.63	0
CO17184	CO15461	0.39	3 1-	4ACSR	0	0	1379	176	23	3	2	0.00	1.63	0
SUB	5 total losses:												\$222,461	

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 8 SHARKEY		1372			2778	2849	2878	355	13383					
CO2825+	SHARKEY	0.00	1372 3-	500 MCM ACSR 30	2777	2847	2876	355	13383	301	44	0.00	0.00	42
CO2826+	CO2825	0.01	1372 3-	500 MCM ACSR 30	2775	2845	2874	355	13383	301	44	0.00	0.01	42
CO2824+	CO2826	0.02	1 3-	500 MCM ACSR 30	2770	2838	2866	355	156	3	1	0.00	0.01	0
Ind Park+	CO2824	0.02	1 3-	WVE	2770	2838	2866	355	156	3	1	0.00	0.01	0
CO2416+	Ind Park	0.14	1 3-	500PRIURD	2777	2804	2811	892	156	3	1	0.00	0.01	0
CO2418+	CO2416	0.32	1 3-	500PRIURD	2787	2801	2735	884	156	3	1	0.00	0.01	0
CO-2129126233+	CO2418	0.41	1 1-	1/0PRIURD	0	0	2674	877	156	12	8	0.02	0.02	4
CO1602330975+	CO-2129126233	0.48	1 1-	1/0PRIURD	0	0	2648	871	156	12	8	0.01	0.03	0
CO2421+	CO2418	0.38	0 3-	500PRIURD	2791	2800	2707	881	0	0	0	0.00	0.01	0
CO2422+	CO2421	0.45	0 3-	500PRIURD	2795	2799	2679	878	0	0	0	0.00	0.01	0
CO2423+	CO2422	0.56	0 3-	500PRIURD	2801	2796	2633	872	0	0	0	0.00	0.01	0
CO2424+	CO2423	0.70	0 3-	500PRIURD	2809	2792	2576	866	0	0	0	0.00	0.01	0
CO2823+	CO2826	0.02	4 3-	500 MCM ACSR 30	2770	2838	2866	355	2660	59	9	0.00	0.01	6
Family Dollar+	CO2823	0.02	4 3-	WVE	2770	2838	2866	355	2660	59	11	0.00	0.01	0
CO2655+	Family Dollar	0.04	4 3-	1/0ACSR	2764	2828	2856	355	2660	59	26	0.01	0.02	29
CO2652+	CO2655	0.06	4 3-	1/0ACSR	2752	2810	2837	355	2660	59	26	0.01	0.03	50
CO2654+	CO2652	0.19	4 3-	1/0ACSR	2694	2721	2743	353	2659	59	26	0.06	0.09	257
CO2653+	CO2654	0.22	4 3-	1/0ACSR	2676	2697	2715	353	2658	59	26	0.02	0.11	81
CO2815+	CO2653	0.38	1 3-	1/0PRIURD	2664	2663	2624	869	2185	49	33	0.06	0.17	213
390437020+	CO2815	0.38	1 3-	Consumer	2664	2663	2624	869	2184	49	0	0.00	0.17	0
CO2489+	CO2653	0.33	2 1-	2ACSR	0	0	2632	351	430	29	16	0.03	0.14	11
CO2425+	CO2653	0.39	1 3-	1/0PRIURD	2663	2660	2617	868	43	1	1	0.00	0.11	0
CO2414+	CO2425	0.53	1 3-	500PRIURD	2670	2655	2560	862	43	0	0	0.00	0.11	0
CO2814+	CO2414	0.68	1 1-	1/0PRIURD	0	0	2476	851	43	2	2	0.00	0.12	0
CO507530292+	CO2414	0.54	0 1-	1/0PRIURD	0	0	2557	861	0	0	0	0.00	0.11	0
CO2822+	CO2826	0.02	486 3-	500 MCM ACSR 30	2771	2840	2868	355	4243	95	14	0.00	0.01	13
801-Farmers+	CO2822	0.02	486 3-	200 120WVE	2771	2840	2868	355	4243	95	0	0.00	0.01	0
CO2656+	801-Farmers	0.04	486 3-	336ACSR	2765	2831	2858	355	4243	95	18	0.01	0.01	27
CO2658+	CO2656	0.06	486 3-	336ACSR	2758	2820	2846	355	4243	95	18	0.01	0.02	34
CO2657+	CO2658	0.09	486 3-	336ACSR	2748	2805	2830	355	4243	95	18	0.01	0.03	46
CO2813+	CO2657	0.25	484 3-	336ACSR	2690	2719	2735	354	4152	93	18	0.05	0.08	266
CO2812+	CO2813	0.35	484 3-	336ACSR	2658	2674	2685	354	4151	93	18	0.03	0.12	150
CO2647+	CO2812	0.54	484 3-	336ACSR	2596	2595	2588	353	4150	93	18	0.06	0.18	304
CO2808+	CO2647	0.76	484 3-	336ACSR	2530	2519	2489	352	4149	93	18	0.07	0.25	333
CO2807+	CO2808	0.84	483 3-	336ACSR	2506	2490	2452	352	4145	93	18	0.03	0.27	131
CO2845+	CO2807	0.85	0 3-	1/0ACSR	2503	2487	2448	352	0	0	0	0.00	0.27	0
CO2844+	CO2845	0.85	0 3-	1/0ACSR	2500	2484	2444	351	0	0	0	0.00	0.27	0
SW75-A+	CO2844	0.85	0 3-	Open	2500	2484	2444	351	0	0	0	0.00	0.27	0
CO2579+	CO2807	0.88	483 3-	1/0ACSR	2491	2473	2431	351	4144	93	41	0.03	0.30	185
CO2577+	CO2579	0.89	482 3-	1/0ACSR	2485	2467	2422	351	4140	93	41	0.01	0.32	72
CO2578+	CO2577	0.97	478 3-	1/0ACSR	2454	2432	2377	350	4125	93	41	0.06	0.38	397
CO2789+	CO2578	1.01	3 3-	2ACSR	2439	2415	2355	350	9	0	0	0.00	0.38	0
CO2788+	CO2789	1.08	1 3-	2ACSR	2407	2379	2310	348	0	0	0	0.00	0.38	0
CO2787+	CO2788	1.17	1 3-	2ACSR	2372	2338	2259	347	0	0	0	0.00	0.38	0
CO2782+	CO2788	1.18	0 1-	2ACSR	0	0	2255	347	0	0	0	0.00	0.38	0
CO2498+	CO2578	1.10	475 3-	1/0ACSR	2402	2373	2303	349	4113	93	41	0.11	0.49	676
CO2499+	CO2498	1.12	475 3-	1/0ACSR	2395	2366	2295	349	4110	93	41	0.01	0.51	83
CO2855+	CO2499	1.19	475 3-	1/0ACSR	2367	2335	2256	348	4110	93	41	0.06	0.57	369

Substation Power Factor: 0.98

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2668+	CO2855	1.33	3 1-	4ACSR	0	0	2168	345	18	1	1	0.00	0.57	0
CO2665+	CO2668	1.40	2 1-	4ACSR	0	0	2126	343	11	0	1	0.00	0.57	0
CO2667+	CO2665	1.45	1 1-	4ACSR	0	0	2095	342	7	0	0	0.00	0.57	0
CO2666+	CO2667	1.50	1 1-	4ACSR	0	0	2066	341	7	0	0	0.00	0.57	0
CO2384+	CO2855	1.23	470 3-	1/0ACSR	2355	2321	2238	347	4082	92	40	0.03	0.59	170
CO2840+	CO2384	1.27	1 1-	4ACSR	0	0	2215	347	7	0	0	0.00	0.59	0
OC78+	CO2840	1.27	1 1-	10 N FUSE	0	0	2215	347	7	0	5	0.00	0.59	0
CO2841+	OC78	1.28	1 1-	4ACSR	0	0	2208	346	7	0	0	0.00	0.59	0
CO2502+	CO2841	1.47	0 1-	4ACSR	0	0	2092	342	0	0	0	0.00	0.59	0
CO2503+	CO2502	1.57	0 1-	4ACSR	0	0	2031	340	0	0	0	0.00	0.59	0
CO2504+	CO2503	1.63	0 1-	4ACSR	0	0	1998	339	0	0	0	0.00	0.59	0
CO2851+	CO2504	1.70	0 1-	4ACSR	0	0	1957	337	0	0	0	0.00	0.59	0
CO2852+	CO2851	1.77	0 1-	4ACSR	0	0	1921	336	0	0	0	0.00	0.59	0
CO2664+	CO2852	1.88	0 1-	4ACSR	0	0	1860	333	0	0	0	0.00	0.59	0
CO2383+	CO2384	1.30	469 3-	1/0ACSR	2330	2293	2205	347	4075	92	40	0.05	0.65	324
CO2497+	CO2383	1.42	464 3-	1/0ACSR	2286	2244	2146	345	4061	92	40	0.10	0.75	594
CO2496+	CO2497	1.59	462 3-	1/0ACSR	2228	2179	2069	344	4047	91	40	0.14	0.88	815
CO8213+	CO2496	1.76	462 3-	1/0ACSR	2170	2115	1995	342	4043	91	40	0.14	1.02	833
CO1837+	CO8213	1.81	2 1-	4ACSR	0	0	1969	341	0	0	0	0.00	1.02	0
CO1838+	CO1837	1.84	0 1-	4ACSR	0	0	1951	340	0	0	0	0.00	1.02	0
CO1728+	CO1837	1.86	2 1-	4ACSR	0	0	1938	340	0	0	0	0.00	1.02	0
CO1988+	CO1728	1.88	2 1-	4ACSR	0	0	1929	339	0	0	0	0.00	1.02	0
CO8384+	CO1988	1.92	2 1-	4ACSR	0	0	1909	338	0	0	0	0.00	1.02	0
CO1729+	CO8213	1.83	460 3-	1/0ACSR	2145	2087	1964	341	4039	91	40	0.06	1.08	364
CO1991+	CO1729	1.96	460 3-	1/0ACSR	2105	2043	1914	340	4038	91	40	0.10	1.18	614
CO1989+	CO1991	2.16	448 3-	1/0ACSR	2043	1975	1838	338	3872	88	38	0.15	1.34	895
CO-1034761606+	CO1989	2.24	0 1-	2ACSR	0	0	1804	336	0	0	0	0.00	1.34	0
CO1672+	CO1989	2.20	448 3-	1/0ACSR	2032	1963	1825	337	3867	88	38	0.03	1.37	168
CO1995+	CO1672	2.25	448 3-	1/0ACSR	2015	1944	1804	337	3867	88	38	0.04	1.41	258
CO1994+	CO1995	2.33	447 3-	1/0ACSR	1992	1919	1776	336	3865	88	38	0.06	1.47	361
CO1740+	CO1994	2.36	447 3-	1/0ACSR	1985	1912	1769	336	3864	88	38	0.02	1.49	101
CO1834+	CO1740	2.41	4 1-	4ACSR	0	0	1744	334	45	3	2	0.00	1.49	0
CO1833+	CO1834	2.44	2 1-	4ACSR	0	0	1731	334	17	1	1	0.00	1.49	0
CO1527+	CO1740	2.43	443 3-	1/0ACSR	1964	1888	1744	335	3818	87	38	0.06	1.55	331
CO2019+	CO1527	2.44	225 3-	1/0ACSR	1962	1886	1741	335	2021	46	20	0.00	1.55	8
OC64+	CO2019	2.44	225 3-	100 E OCR	1962	1886	1741	335	2021	46	46	0.00	1.55	0
CO2020+	OC64	2.48	225 3-	1/0ACSR	1951	1875	1729	334	2021	46	20	0.02	1.57	46
CO1911+	CO2020	2.58	225 3-	1/0ACSR	1922	1843	1695	333	2020	46	20	0.04	1.61	131
CO1912+	CO1911	2.61	225 3-	1/0ACSR	1914	1835	1686	333	2020	46	20	0.01	1.62	35
CO1565+	CO1912	2.65	1 1-	4ACSR	0	0	1670	332	62	4	3	0.00	1.62	0
CO1519+	CO1912	2.65	224 3-	1/0ACSR	1904	1824	1674	333	1958	44	19	0.01	1.64	43
CO1554+	CO1519	2.66	1 3-	2ACSR	1900	1820	1671	333	142	3	2	0.00	1.64	0
CO1555+	CO1554	2.70	1 3-	1/0PRIURD	1898	1815	1661	742	142	3	2	0.00	1.64	0
CO1818+	CO1519	2.69	2 1-	4ACSR	0	0	1659	332	20	1	1	0.00	1.64	0
CO1819+	CO1818	2.73	1 1-	4ACSR	0	0	1644	331	14	0	1	0.00	1.64	0
CO1518+	CO1519	2.78	221 3-	1/0ACSR	1870	1787	1636	331	1796	41	18	0.05	1.68	124
CO1767+	CO1518	2.79	208 3-	1/0ACSR	1867	1784	1632	331	1683	38	17	0.00	1.69	11
CO1766+	CO1767	2.85	208 3-	1/0ACSR	1852	1769	1616	331	1683	38	17	0.02	1.70	47
CO1534+	CO1766	2.93	207 3-	1/0ACSR	1832	1747	1593	330	1672	38	17	0.03	1.73	69
CO2007+	CO1534	2.94	24 1-	4ACSR	0	0	1590	330	231	15	11	0.00	1.73	0
OC56+	CO2007	2.94	24 1-	25 H OCR	0	0	1590	330	231	15	63	0.00	1.73	0
CO2008+	OC56	3.04	24 1-	4ACSR	0	0	1551	328	231	15	11	0.04	1.77	13

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1996+	CO2008	3.12	23 1-	4ACSR	0	0	1523	326	212	14	10	0.02	1.79	8
CO1562+	CO1996	3.18	1 1-	4ACSR	0	0	1503	325	7	0	0	0.00	1.79	0
CO1517+	CO1996	3.29	21 1-	4ACSR	0	0	1464	323	194	13	9	0.05	1.84	16
CO1754+	CO1517	3.48	13 1-	4ACSR	0	0	1402	319	98	6	5	0.03	1.87	4
CO1753+	CO1754	3.54	13 1-	4ACSR	0	0	1384	318	98	6	5	0.01	1.88	0
CO1685+	CO1753	3.60	7 1-	4ACSR	0	0	1364	317	40	2	2	0.00	1.88	0
CO1918+	CO1685	3.65	5 1-	4ACSR	0	0	1349	316	31	2	1	0.00	1.88	0
CO1641+	CO1918	4.20	4 1-	1/0PRIURD	0	0	1250	636	18	1	1	0.00	1.89	0
CO1919+	CO1918	3.69	1 1-	4ACSR	0	0	1338	315	12	0	1	0.00	1.88	0
CO1814+	CO1753	3.64	2 1-	4ACSR	0	0	1352	316	9	0	0	0.00	1.88	0
CO1815+	CO1814	3.70	2 1-	4ACSR	0	0	1335	315	9	0	0	0.00	1.88	0
CO1920+	CO1753	3.60	3 1-	4ACSR	0	0	1363	317	33	2	2	0.00	1.88	0
CO1922+	CO1920	3.68	3 1-	4ACSR	0	0	1341	315	33	2	2	0.00	1.88	0
CO1921+	CO1922	3.76	1 1-	4ACSR	0	0	1316	314	12	0	1	0.00	1.89	0
CO1923+	CO1921	3.79	0 1-	4ACSR	0	0	1307	313	0	0	0	0.00	1.89	0
CO1924+	CO1923	3.87	0 1-	4ACSR	0	0	1286	312	0	0	0	0.00	1.89	0
CO1564+	CO1517	3.41	2 1-	1/0PRIURD	0	0	1441	686	10	0	0	0.00	1.84	0
CO1563+	CO1517	3.33	1 1-	1/0PRIURD	0	0	1456	690	27	1	1	0.00	1.84	0
CO1653+	CO1517	3.31	5 1-	4ACSR	0	0	1456	322	59	4	3	0.00	1.85	0
CO1720+	CO1653	3.37	4 1-	4ACSR	0	0	1437	321	50	3	2	0.00	1.85	0
CO1977+	CO1720	3.38	3 1-	4ACSR	0	0	1432	321	35	2	2	0.00	1.85	0
CO1973+	CO1977	3.43	3 1-	4ACSR	0	0	1417	320	35	2	2	0.00	1.85	0
CO1976+	CO1973	3.49	2 1-	4ACSR	0	0	1398	319	28	1	1	0.00	1.85	0
CO1974+	CO1976	3.54	2 1-	4ACSR	0	0	1381	318	28	1	1	0.00	1.86	0
CO1975+	CO1974	3.57	2 1-	4ACSR	0	0	1372	317	28	1	1	0.00	1.86	0
CO1654+	CO1653	3.38	1 1-	4ACSR	0	0	1432	321	9	0	0	0.00	1.85	0
CO1588+	CO1654	3.43	1 1-	1/0PRIURD	0	0	1424	681	9	0	0	0.00	1.85	0
CO1755+	CO1534	3.01	180 3-	1/0ACSR	1812	1725	1571	329	1410	32	14	0.02	1.75	48
CO1756+	CO1755	3.05	180 3-	1/0ACSR	1802	1716	1561	329	1410	32	14	0.01	1.76	22
CO1741+	CO1756	3.18	178 3-	1/0ACSR	1771	1682	1526	327	1402	32	14	0.04	1.80	78
CO1742+	CO1741	3.21	177 3-	1/0ACSR	1764	1675	1519	327	1394	31	14	0.01	1.81	16
CO1940+	CO1742	3.28	176 3-	1/0ACSR	1748	1658	1502	327	1393	31	14	0.02	1.83	40
CO1939+	CO1940	3.29	175 3-	1/0ACSR	1744	1654	1497	326	1384	31	14	0.00	1.83	10
CO1643+	CO1939	3.39	10 1-	1/0PRIURD	0	0	1479	703	111	7	5	0.01	1.84	0
CO1644+	CO1643	3.42	8 1-	1/0PRIURD	0	0	1473	702	92	6	4	0.00	1.84	0
CO1645+	CO1644	3.46	8 1-	1/0PRIURD	0	0	1466	699	92	6	4	0.00	1.85	0
CO1646+	CO1645	3.51	5 1-	1/0PRIURD	0	0	1457	697	51	3	2	0.00	1.85	0
CO1647+	CO1646	3.60	5 1-	1/0PRIURD	0	0	1441	692	51	3	2	0.00	1.85	0
CO1648+	CO1647	3.77	1 1-	1/0PRIURD	0	0	1409	683	13	0	1	0.00	1.85	0
CO1625+	CO1645	3.53	1 1-	1/0PRIURD	0	0	1450	696	18	1	1	0.00	1.85	0
CO1629+	CO1643	3.46	1 1-	1/0PRIURD	0	0	1465	700	10	0	0	0.00	1.84	0
CO1937+	CO1939	3.31	164 3-	1/0ACSR	1740	1649	1492	326	1272	29	13	0.01	1.84	10
CO1938+	CO1937	3.33	164 3-	1/0ACSR	1736	1646	1489	326	1272	29	13	0.00	1.84	7
CO1693+	CO1938	3.45	162 3-	1/0ACSR	1710	1618	1460	325	1264	28	13	0.03	1.87	57
CO2013+	CO1693	3.45	53 1-	4ACSR	0	0	1458	325	515	35	25	0.01	1.88	4
OC59+	CO2013	3.45	53 1-	10 N FUSE	0	0	1458	325	515	35	354	0.00	1.88	0
CO2014+	OC59	3.49	53 1-	4ACSR	0	0	1445	324	515	35	25	0.03	1.91	27
CO1752+	CO2014	3.53	53 1-	4ACSR	0	0	1433	323	515	35	25	0.03	1.94	25
CO1750+	CO1752	3.56	33 1-	4ACSR	0	0	1424	323	371	25	18	0.02	1.96	10
CO1751+	CO1750	3.59	33 1-	4ACSR	0	0	1415	322	371	25	18	0.02	1.97	10
CO1691+	CO1751	3.63	21 1-	4ACSR	0	0	1403	321	199	13	10	0.01	1.99	4
CO1723+	CO1691	3.69	20 1-	4ACSR	0	0	1382	320	184	12	9	0.02	2.00	6

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1981+	CO1723	3.74	17 1-	4ACSR	0	0	1367	319	173	11	9	0.01	2.02	4
CO1982+	CO1981	3.76	15 1-	4ACSR	0	0	1363	319	152	10	8	0.00	2.02	0
CO1983+	CO1982	3.83	13 1-	4ACSR	0	0	1341	317	132	9	7	0.01	2.04	3
CO1882+	CO1983	3.88	7 1-	4ACSR	0	0	1326	316	90	6	4	0.01	2.04	0
CO1887+	CO1882	3.91	6 1-	4ACSR	0	0	1319	316	84	5	4	0.00	2.05	0
CO1884+	CO1887	3.94	5 1-	4ACSR	0	0	1310	315	71	4	4	0.00	2.05	0
CO1886+	CO1884	4.03	2 1-	4ACSR	0	0	1286	314	40	2	2	0.01	2.05	0
CO1885+	CO1886	4.12	2 1-	4ACSR	0	0	1261	312	40	2	2	0.01	2.06	0
CO1888+	CO1885	4.15	1 1-	4ACSR	0	0	1254	311	5	0	0	0.00	2.06	0
CO1590+	CO1885	4.18	1 1-	4ACSR	0	0	1247	311	35	2	2	0.00	2.06	0
CO1883+	CO1882	3.96	1 1-	4ACSR	0	0	1305	315	7	0	0	0.00	2.04	0
CO1947+	CO1983	3.88	5 1-	4ACSR	0	0	1327	316	28	1	1	0.00	2.04	0
CO1948+	CO1947	3.93	3 1-	4ACSR	0	0	1312	315	22	1	1	0.00	2.04	0
CO1949+	CO1948	3.99	2 1-	4ACSR	0	0	1295	314	7	0	0	0.00	2.04	0
CO1950+	CO1949	4.03	1 1-	4ACSR	0	0	1285	314	5	0	0	0.00	2.04	0
CO1624+	CO1981	3.76	2 1-	2ACSR	0	0	1363	319	20	1	1	0.00	2.02	0
CO1671+	CO1751	3.62	10 1-	4ACSR	0	0	1406	321	138	9	7	0.01	1.98	0
CO1926+	CO1671	3.64	9 1-	4ACSR	0	0	1397	321	122	8	6	0.01	1.98	0
CO1813+	CO1926	3.69	5 1-	4ACSR	0	0	1383	320	80	5	4	0.01	1.99	0
CO1812+	CO1813	3.75	4 1-	4ACSR	0	0	1366	319	65	4	3	0.01	2.00	0
CO1561+	CO1812	3.77	2 1-	4ACSR	0	0	1360	319	41	2	2	0.00	2.00	0
CO1811+	CO1812	3.80	2 1-	4ACSR	0	0	1352	318	24	1	1	0.00	2.00	0
CO1810+	CO1811	3.86	1 1-	4ACSR	0	0	1332	317	18	1	1	0.00	2.00	0
CO1927+	CO1926	3.70	3 1-	4ACSR	0	0	1379	320	32	2	2	0.00	1.99	0
CO1689+	CO1927	3.74	2 1-	4ACSR	0	0	1369	319	19	1	1	0.00	1.99	0
CO1690+	CO1689	3.77	1 1-	4ACSR	0	0	1360	319	4	0	0	0.00	1.99	0
CO1633+	CO1751	3.61	2 1-	2ACSR	0	0	1409	322	33	2	1	0.00	1.97	0
CO1692+	CO1752	3.57	16 1-	4ACSR	0	0	1419	322	121	8	6	0.01	1.95	0
CO1929+	CO1692	3.63	12 1-	4ACSR	0	0	1403	321	85	5	4	0.01	1.95	0
CO1928+	CO1929	3.65	12 1-	4ACSR	0	0	1394	321	85	5	4	0.00	1.96	0
CO1936+	CO1928	3.68	8 1-	4ACSR	0	0	1386	320	71	4	3	0.00	1.96	0
CO1935+	CO1936	3.72	6 1-	4ACSR	0	0	1375	320	69	4	3	0.00	1.96	0
CO1931+	CO1935	3.74	5 1-	4ACSR	0	0	1367	319	56	3	3	0.00	1.97	0
CO1930+	CO1931	3.79	3 1-	4ACSR	0	0	1352	318	52	3	3	0.00	1.97	0
CO1639+	CO1930	3.92	1 1-	2ACSR	0	0	1323	316	19	1	1	0.00	1.97	0
CO1934+	CO1930	3.83	2 1-	4ACSR	0	0	1343	317	33	2	2	0.00	1.97	0
CO1932+	CO1934	3.87	1 1-	4ACSR	0	0	1330	317	27	1	1	0.00	1.97	0
CO1933+	CO1932	3.90	1 1-	4ACSR	0	0	1322	316	27	1	1	0.00	1.98	0
CO1636+	CO1935	3.77	1 1-	4ACSR	0	0	1361	319	13	0	1	0.00	1.97	0
CO1687+	CO1752	3.58	4 1-	4ACSR	0	0	1417	322	23	1	1	0.00	1.94	0
CO1688+	CO1687	3.64	2 1-	4ACSR	0	0	1397	321	6	0	0	0.00	1.94	0
CO1516+	CO1693	3.50	109 3-	1/0ACSR	1698	1606	1448	324	749	17	7	0.01	1.88	9
CO1557+	CO1516	3.59	1 1-	4ACSR	0	0	1418	322	5	0	0	0.00	1.88	0
CO1515+	CO1516	3.59	106 3-	1/0ACSR	1677	1584	1426	323	738	16	7	0.01	1.89	16
CO1748+	CO1515	3.61	104 3-	1/0ACSR	1673	1580	1422	323	730	16	7	0.00	1.90	3
CO1749+	CO1748	3.68	104 3-	1/0ACSR	1659	1565	1407	323	730	16	7	0.01	1.91	11
OCD245+	CO1749	3.68	104 3-	35 L OCR	1659	1565	1407	323	730	16	48	0.00	1.91	0
CO1686+	OCD245	3.76	99 1-	4ACSR	0	0	1382	321	681	46	33	0.09	1.99	96
CO1978+	CO1686	3.77	99 1-	4ACSR	0	0	1378	321	680	46	33	0.01	2.01	15
CO1721+	CO1978	3.83	99 1-	4ACSR	0	0	1362	320	680	46	33	0.06	2.07	65
CO1925+	CO1721	3.99	97 1-	4ACSR	0	0	1316	317	664	45	33	0.17	2.23	177
CO1560+	CO1925	4.03	0 1-	4ACSR	0	0	1305	316	0	0	0	0.00	2.23	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1559+	CO1925	4.02	1 1-	4ACSR	0	0	1306	316	5	0	0	0.00	2.23	0
CO1549+	CO1925	4.00	45 1-	2ACSR	0	0	1313	316	284	19	11	0.00	2.24	0
CO1649+	CO1549	4.03	45 1-	1/0PRIURD	0	0	1309	658	284	19	13	0.00	2.24	0
CO1666+	CO1649	4.08	30 1-	1/0PRIURD	0	0	1299	656	215	14	10	0.01	2.25	3
CO1667+	CO1666	4.13	23 1-	1/0PRIURD	0	0	1291	654	163	11	7	0.01	2.26	0
CO1668+	CO1667	4.15	4 1-	1/0PRIURD	0	0	1286	653	24	1	1	0.00	2.26	0
CO1663+	CO1667	4.15	8 1-	1/0PRIURD	0	0	1287	653	60	4	3	0.00	2.26	0
CO1664+	CO1663	4.17	4 1-	1/0PRIURD	0	0	1282	652	29	1	1	0.00	2.26	0
CO1657+	CO1667	4.13	11 1-	1/0PRIURD	0	0	1290	653	79	5	4	0.00	2.26	0
CO1659+	CO1657	4.15	9 1-	1/0PRIURD	0	0	1286	653	64	4	3	0.00	2.26	0
CO1660+	CO1659	4.18	5 1-	1/0PRIURD	0	0	1282	651	39	2	2	0.00	2.26	0
CO1665+	CO1666	4.10	5 1-	1/0PRIURD	0	0	1295	655	37	2	2	0.00	2.25	0
CO1669+	CO1665	4.11	5 1-	1/0PRIURD	0	0	1294	655	37	2	2	0.00	2.25	0
CO1670+	CO1669	4.12	2 1-	1/0PRIURD	0	0	1292	654	15	1	1	0.00	2.25	0
CO1628+	CO1669	4.14	3 1-	1/0PRIURD	0	0	1289	653	22	1	1	0.00	2.25	0
CO1658+	CO1666	4.09	2 1-	1/0PRIURD	0	0	1298	656	14	0	1	0.00	2.25	0
CO1661+	CO1658	4.11	0 1-	1/0PRIURD	0	0	1294	655	0	0	0	0.00	2.25	0
CO1662+	CO1661	4.12	0 1-	1/0PRIURD	0	0	1291	654	0	0	0	0.00	2.25	0
CO8207+	CO1925	4.06	49 1-	4ACSR	0	0	1295	315	365	25	18	0.04	2.28	26
CO1228+	CO8207	4.10	13 1-	4ACSR	0	0	1285	314	70	4	3	0.00	2.28	0
CO1229+	CO1228	4.14	13 1-	4ACSR	0	0	1275	314	70	4	3	0.00	2.28	0
CO1230+	CO1229	4.20	6 1-	4ACSR	0	0	1260	313	30	2	1	0.00	2.29	0
CO8209+	CO1230	4.27	4 1-	4ACSR	0	0	1240	311	25	1	1	0.00	2.29	0
CO1556+	CO8209	4.29	2 1-	4ACSR	0	0	1235	311	13	0	1	0.00	2.29	0
CO1808+	CO8209	4.31	2 1-	4ACSR	0	0	1231	311	12	0	1	0.00	2.29	0
CO1809+	CO1808	4.40	1 1-	4ACSR	0	0	1208	309	4	0	0	0.00	2.29	0
CO1231+	CO1230	4.23	1 1-	4ACSR	0	0	1252	312	1	0	0	0.00	2.29	0
CO1189+	CO1229	4.20	5 1-	4ACSR	0	0	1259	313	23	1	1	0.00	2.29	0
CO1706028008+	CO1189	4.32	2 1-	2ACSR	0	0	1234	311	2	0	0	0.00	2.29	0
CO1226+	CO8207	4.18	36 1-	4ACSR	0	0	1265	313	295	20	15	0.05	2.33	25
CO1227+	CO1226	4.22	36 1-	4ACSR	0	0	1253	312	295	20	15	0.02	2.35	10
CO1224+	CO1227	4.28	35 1-	4ACSR	0	0	1238	311	281	19	14	0.02	2.38	11
CO1225+	CO1224	4.36	34 1-	4ACSR	0	0	1219	310	254	17	13	0.03	2.41	13
CO1222+	CO1225	4.39	34 1-	4ACSR	0	0	1210	309	254	17	13	0.02	2.42	6
CO1223+	CO1222	4.43	34 1-	4ACSR	0	0	1201	308	254	17	13	0.01	2.44	6
XFMR251	CO1223	4.43	33 1-	333 KVA 1PH AUT	0	0	909	171	242	16	73	0.66	3.10	0
CO1175	XFMR251	4.51	33 1-	4ACSR	0	0	892	170	242	33	24	0.12	3.22	46
CO1217	CO1175	4.56	9 1-	4ACSR	0	0	881	170	57	7	6	0.02	3.23	0
CO1220	CO1217	4.62	5 1-	4ACSR	0	0	869	169	30	4	3	0.01	3.25	0
CO1221	CO1220	4.69	4 1-	4ACSR	0	0	855	168	29	3	3	0.01	3.26	0
CO1219	CO1221	4.74	3 1-	4ACSR	0	0	844	168	20	2	2	0.01	3.26	0
CO408568752	CO1219	4.79	2 1-	2ACSR	0	0	836	167	9	1	1	0.00	3.26	0
CO2117663205	CO408568752	4.82	2 1-	2ACSR	0	0	831	167	9	1	1	0.00	3.26	0
CO-1547887382	CO2117663205	4.89	2 1-	1/0PRIURD	0	0	821	373	9	1	1	0.00	3.27	0
CO641342839	CO-1547887382	4.91	2 1-	1/0PRIURD	0	0	819	373	9	1	1	0.00	3.27	0
CO770808811	CO641342839	4.99	2 1-	1/0PRIURD	0	0	808	370	9	1	1	0.00	3.27	0
CO1402275495	CO408568752	4.87	0 1-	2ACSR	0	0	823	167	0	0	0	0.00	3.26	0
CO1194	CO1220	4.64	1 1-	4ACSR	0	0	864	169	1	0	0	0.00	3.25	0
CO1218	CO1217	4.62	3 1-	4ACSR	0	0	869	169	15	2	2	0.00	3.24	0
CO1174	CO1175	4.58	24 1-	4ACSR	0	0	877	169	185	25	18	0.09	3.31	27
CO1176	CO1174	4.83	22 1-	4ACSR	0	0	827	167	178	24	18	0.28	3.59	81
CO1255	CO1176	4.84	20 1-	4ACSR	0	0	826	167	165	23	16	0.01	3.59	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC41	CO1255	4.84	20 1-	25 L OCR	0	0	826	167	165	23	92	0.00	3.59	0
CO1256	OC41	4.91	20 1-	4ACSR	0	0	811	166	165	23	16	0.08	3.67	21
CO1234	CO1256	4.94	20 1-	4ACSR	0	0	804	166	165	23	16	0.04	3.71	10
CO1235	CO1234	4.98	20 1-	4ACSR	0	0	798	165	165	23	16	0.04	3.75	10
CO1232	CO1235	5.01	20 1-	4ACSR	0	0	791	165	165	23	16	0.04	3.78	10
CO1233	CO1232	5.07	20 1-	4ACSR	0	0	780	164	165	23	16	0.06	3.84	17
CO1236	CO1233	5.30	3 1-	4ACSR	0	0	740	162	25	3	2	0.04	3.88	0
CO-1347062325	CO1236	5.34	1 1-	4ACSR	0	0	732	162	14	2	1	0.00	3.88	0
CO1237	CO1236	5.43	1 1-	4ACSR	0	0	717	161	10	1	1	0.00	3.88	0
CO8210	CO1237	5.72	0 1-	4ACSR	0	0	673	158	0	0	0	0.00	3.88	0
CO1747	CO8210	5.78	0 1-	4ACSR	0	0	665	157	0	0	0	0.00	3.88	0
CO1177	CO1233	5.28	17 1-	4ACSR	0	0	743	162	140	19	14	0.19	4.03	43
CO1192	CO1177	5.36	1 1-	4ACSR	0	0	730	161	14	1	1	0.00	4.03	0
CO1178	CO1177	5.38	16 1-	4ACSR	0	0	727	161	126	17	13	0.07	4.10	15
CO1191	CO1178	5.47	1 1-	4ACSR	0	0	711	160	12	1	1	0.00	4.11	0
CO1179	CO1178	5.45	14 1-	4ACSR	0	0	714	160	104	14	10	0.05	4.15	9
CO1238	CO1179	5.62	13 1-	4ACSR	0	0	688	159	84	11	8	0.08	4.23	10
CO1239	CO1238	5.64	12 1-	4ACSR	0	0	684	159	68	9	7	0.01	4.24	0
CO1180	CO1239	5.76	12 1-	4ACSR	0	0	667	158	68	9	7	0.05	4.29	5
CO1240	CO1180	5.85	11 1-	4ACSR	0	0	653	157	68	9	7	0.04	4.33	4
CO1241	CO1240	6.06	10 1-	4ACSR	0	0	625	155	62	8	6	0.08	4.42	8
CO1242	CO1241	6.14	10 1-	4ACSR	0	0	615	154	62	8	6	0.03	4.44	3
CO1243	CO1242	6.31	4 1-	4ACSR	0	0	594	153	26	3	3	0.03	4.47	0
CO1244	CO1243	6.61	4 1-	4ACSR	0	0	559	150	26	3	3	0.05	4.52	2
CO8211	CO1244	6.78	4 1-	4ACSR	0	0	540	148	26	3	3	0.02	4.55	0
CO1704	CO8211	6.90	3 1-	4ACSR	0	0	528	147	18	2	2	0.01	4.56	0
CO1962	CO1704	6.93	2 1-	4ACSR	0	0	525	147	13	1	1	0.00	4.56	0
CO1961	CO1962	7.31	1 1-	4ACSR	0	0	490	144	2	0	0	0.01	4.57	0
CO1876	CO1961	7.41	0 1-	4ACSR	0	0	481	143	0	0	0	0.00	4.57	0
CO2028	CO1876	7.46	0 1-	4ACSR	0	0	477	143	0	0	0	0.00	4.57	0
CO1609	CO1961	7.53	1 1-	4ACSR	0	0	471	142	2	0	0	0.00	4.57	0
CO1181	CO1242	6.28	5 1-	4ACSR	0	0	597	153	26	3	3	0.02	4.47	0
CO1247	CO1181	6.39	4 1-	4ACSR	0	0	583	152	26	3	3	0.02	4.48	0
CO1248	CO1247	6.50	3 1-	4ACSR	0	0	571	151	15	2	2	0.01	4.49	0
CO1249	CO1248	6.55	2 1-	4ACSR	0	0	565	150	15	2	2	0.00	4.50	0
CO1245	CO1181	6.37	1 1-	4ACSR	0	0	586	152	0	0	0	0.00	4.47	0
CO1246	CO1245	6.45	1 1-	4ACSR	0	0	577	151	0	0	0	0.00	4.47	0
CO8230	CO1246	6.64	1 1-	4ACSR	0	0	555	150	0	0	0	0.00	4.47	0
CO1195	CO1180	5.83	1 1-	4ACSR	0	0	656	157	0	0	0	0.00	4.29	0
CO1196	CO1195	5.91	1 1-	1/0PRIURD	0	0	650	323	0	0	0	0.00	4.29	0
CO1190	CO1179	5.50	1 1-	4ACSR	0	0	707	160	20	2	2	0.00	4.16	0
CO1193	CO1176	4.89	2 1-	4ACSR	0	0	816	166	13	1	1	0.00	3.59	0
CO1173	CO1174	4.69	2 1-	4ACSR	0	0	855	168	6	0	1	0.00	3.31	0
CO1253	CO1173	4.89	0 1-	4ACSR	0	0	815	166	0	0	0	0.00	3.31	0
CO1254	CO1253	4.89	0 1-	4ACSR	0	0	814	166	0	0	0	0.00	3.31	0
CO1215	CO1173	4.76	2 1-	4ACSR	0	0	841	168	6	0	1	0.00	3.31	0
CO1216	CO1215	4.77	1 1-	4ACSR	0	0	838	167	0	0	0	0.00	3.31	0
CO1187	CO1215	4.85	1 1-	4ACSR	0	0	822	167	6	0	1	0.00	3.31	0
CO1188+	CO1223	4.47	1 1-	4ACSR	0	0	1192	308	13	0	1	0.00	2.44	0
CO1630+	CO1925	4.04	2 1-	2ACSR	0	0	1303	316	10	0	0	0.00	2.23	0
CO1674+	OCD245	3.70	5 1-	4ACSR	0	0	1399	322	49	3	2	0.00	1.91	0
CO1675+	CO1674	3.73	3 1-	4ACSR	0	0	1390	321	34	2	2	0.00	1.91	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1558+	CO1515	3.65	2 1-	4ACSR	0	0	1408	322	8	0	0	0.00	1.89	0
CO1635+	CO1940	3.32	1 1-	2ACSR	0	0	1490	326	9	0	0	0.00	1.83	0
CO1567+	CO1756	3.09	1 1-	4ACSR	0	0	1544	328	2	0	0	0.00	1.76	0
CO1566+	CO1534	3.02	2 1-	4ACSR	0	0	1558	328	19	1	1	0.00	1.73	0
CO1816+	CO1534	2.99	1 1-	4ACSR	0	0	1572	329	12	0	1	0.00	1.73	0
CO1817+	CO1816	3.02	1 1-	4ACSR	0	0	1558	328	12	0	1	0.00	1.73	0
CO1589+	CO1766	2.92	1 1-	4ACSR	0	0	1587	329	11	0	1	0.00	1.70	0
CO1925881936+	CO1518	2.92	12 1-	2ACSR	0	0	1589	329	110	7	4	0.02	1.70	3
CO-1922579757+	CO1925881936	2.98	11 1-	2ACSR	0	0	1571	329	95	6	4	0.01	1.70	0
CO1904+	CO-1922579757	3.03	6 1-	4ACSR	0	0	1554	328	46	3	2	0.00	1.71	0
CO1903+	CO1904	3.04	6 1-	4ACSR	0	0	1548	327	46	3	2	0.00	1.71	0
CO1673+	CO1903	3.09	4 1-	4ACSR	0	0	1532	326	30	2	1	0.00	1.71	0
CO431362971+	CO1673	3.11	0 1-	4ACSR	0	0	1523	326	0	0	0	0.00	1.71	0
CO1822+	CO-1922579757	3.04	5 1-	4ACSR	0	0	1550	327	49	3	2	0.00	1.71	0
CO1820+	CO1822	3.08	5 1-	4ACSR	0	0	1533	326	49	3	2	0.00	1.71	0
CO2143616537+	CO1820	3.11	1 1-	4ACSR	0	0	1524	326	14	0	1	0.00	1.71	0
CO1821+	CO2143616537	3.16	1 1-	4ACSR	0	0	1506	325	14	0	1	0.00	1.71	0
CO373567190+	CO1820	3.18	1 1-	2ACSR	0	0	1504	325	10	0	0	0.00	1.71	0
CO1128338812+	CO1925881936	2.99	1 1-	1/0PRIURD	0	0	1571	722	14	0	1	0.00	1.70	0
CO2000+	CO1527	2.44	217 3-	336ACSR	1962	1887	1742	335	1795	41	8	0.00	1.55	0
SW52-B+	CO2000	2.44	217 3-	Closed	1962	1887	1742	335	1795	41	0	0.00	1.55	0
SW52-A+	SW52-B	2.44	217 3-	Closed	1962	1887	1742	335	1795	41	0	0.00	1.55	0
CO1999+	SW52-A	2.56	217 3-	336ACSR	1939	1862	1714	334	1795	41	8	0.02	1.57	37
CO1913+	CO1999	2.58	217 3-	336ACSR	1936	1858	1710	334	1795	41	8	0.00	1.57	6
CO1914+	CO1913	2.74	216 3-	336ACSR	1907	1827	1676	334	1762	40	8	0.02	1.59	45
CO1683+	CO1914	2.81	216 3-	336ACSR	1894	1813	1661	333	1762	40	8	0.01	1.60	22
CO1993+	CO1683	2.84	214 3-	336ACSR	1889	1807	1655	333	1738	39	8	0.00	1.61	8
CO1992+	CO1993	2.87	214 3-	336ACSR	1884	1802	1649	333	1738	39	8	0.00	1.61	8
CO1737+	CO1992	2.94	213 3-	336ACSR	1873	1790	1636	333	1732	39	8	0.01	1.62	18
CO1579+	CO1737	2.98	2 1-	4ACSR	0	0	1619	332	15	1	1	0.00	1.62	0
CO1832+	CO1737	3.00	3 1-	4ACSR	0	0	1610	331	28	1	1	0.00	1.62	0
CO1831+	CO1832	3.05	1 1-	4ACSR	0	0	1591	330	13	0	1	0.00	1.62	0
CO1528+	CO1737	3.02	207 3-	336ACSR	1859	1775	1620	332	1680	38	7	0.01	1.63	21
CO1736+	CO1528	3.11	191 3-	336ACSR	1844	1759	1602	332	1618	37	7	0.01	1.64	22
CO2104604399+	CO1736	3.16	191 3-	336ACSR	1836	1750	1593	332	1618	37	7	0.01	1.65	12
CO376038552+	CO2104604399	3.31	175 3-	336ACSR	1812	1724	1565	331	1530	35	7	0.02	1.66	32
CO1826+	CO376038552	3.33	10 1-	4ACSR	0	0	1556	331	90	6	4	0.00	1.67	0
CO1828+	CO1826	3.39	9 1-	4ACSR	0	0	1537	329	81	5	4	0.01	1.67	0
CO1827+	CO1828	3.45	4 1-	4ACSR	0	0	1516	328	37	2	2	0.00	1.68	0
CO1880+	CO1827	3.54	1 1-	4ACSR	0	0	1485	326	7	0	0	0.00	1.68	0
CO1879+	CO1880	3.55	1 1-	4ACSR	0	0	1481	326	7	0	0	0.00	1.68	0
CO1881+	CO1879	3.58	1 1-	4ACSR	0	0	1471	326	7	0	0	0.00	1.68	0
CO1578+	CO1827	3.51	1 1-	4ACSR	0	0	1494	327	7	0	0	0.00	1.68	0
CO1830+	CO1827	3.49	2 1-	4ACSR	0	0	1501	327	22	1	1	0.00	1.68	0
CO1829+	CO1830	3.51	2 1-	4ACSR	0	0	1494	327	22	1	1	0.00	1.68	0
CO-1155796946+	CO1829	3.54	1 1-	2ACSR	0	0	1485	326	11	0	0	0.00	1.68	0
CO1915+	CO1828	3.41	5 1-	4ACSR	0	0	1528	329	44	3	2	0.00	1.68	0
CO17296+	CO1915	3.45	3 1-	4ACSR	0	0	1515	328	32	2	2	0.00	1.68	0
CO1529+	CO376038552	3.48	165 3-	336ACSR	1783	1695	1533	330	1439	32	6	0.02	1.68	34
CO2003+	CO1529	3.49	67 1-	4ACSR	0	0	1531	330	618	42	30	0.01	1.69	6
OC54+	CO2003	3.49	67 1-	50 H OCR	0	0	1531	330	618	42	85	0.00	1.69	0
CO2004+	OC54	3.58	67 1-	4ACSR	0	0	1501	328	618	42	30	0.09	1.78	84

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1734+	CO2004	3.67	66 1-	4ACSR	0	0	1470	326	603	41	30	0.09	1.87	85
CO1823+	CO1734	3.73	4 1-	4ACSR	0	0	1452	325	48	3	2	0.00	1.87	0
CO1825+	CO1823	3.77	3 1-	4ACSR	0	0	1439	325	29	2	1	0.00	1.87	0
CO1824+	CO1825	3.80	1 1-	4ACSR	0	0	1428	324	19	1	1	0.00	1.87	0
CO1525+	CO1734	3.75	60 1-	4ACSR	0	0	1445	325	547	37	27	0.06	1.93	56
CO1732+	CO1525	3.88	3 1-	4ACSR	0	0	1404	322	9	0	0	0.00	1.93	0
CO1733+	CO1732	4.04	2 1-	4ACSR	0	0	1356	319	5	0	0	0.00	1.93	0
CO1694+	CO1525	3.82	55 1-	4ACSR	0	0	1422	323	523	36	26	0.06	1.99	50
CO1942+	CO1694	3.91	54 1-	4ACSR	0	0	1395	322	511	35	25	0.07	2.06	59
CO1941+	CO1942	3.95	53 1-	4ACSR	0	0	1383	321	493	34	24	0.03	2.09	24
CO1840+	CO1941	4.05	1 1-	4ACSR	0	0	1355	319	6	0	0	0.00	2.09	0
CO1839+	CO1840	4.14	1 1-	4ACSR	0	0	1328	317	6	0	0	0.00	2.09	0
CO1943+	CO1941	4.01	50 1-	4ACSR	0	0	1364	320	481	33	24	0.05	2.14	38
CO1893+	CO1943	4.07	1 1-	4ACSR	0	0	1348	319	11	0	1	0.00	2.14	0
CO1894+	CO1893	4.09	0 1-	4ACSR	0	0	1342	318	0	0	0	0.00	2.14	0
CO1524+	CO1943	4.04	49 1-	4ACSR	0	0	1356	319	470	32	23	0.02	2.16	15
CO1568+	CO1524	4.15	1 1-	4ACSR	0	0	1324	317	4	0	0	0.00	2.16	0
CO1520+	CO1524	4.06	48 1-	4ACSR	0	0	1350	319	466	32	23	0.02	2.17	11
CO1569+	CO1520	4.18	2 1-	4ACSR	0	0	1317	317	29	1	1	0.00	2.18	0
CO1523+	CO1520	4.26	45 1-	4ACSR	0	0	1294	315	437	30	22	0.13	2.31	93
CO1570+	CO1523	4.36	1 1-	4ACSR	0	0	1269	313	17	1	1	0.00	2.31	0
CO1522+	CO1523	4.36	43 1-	4ACSR	0	0	1269	313	399	27	20	0.06	2.37	38
CO1572+	CO1522	4.42	2 1-	4ACSR	0	0	1251	312	17	1	1	0.00	2.37	0
CO1571+	CO1522	4.44	2 1-	4ACSR	0	0	1247	312	9	0	0	0.00	2.37	0
CO1626+	CO1571	4.47	1 1-	2ACSR	0	0	1241	311	3	0	0	0.00	2.37	0
CO1627+	CO1626	4.54	1 1-	2ACSR	0	0	1226	310	3	0	0	0.00	2.37	0
CO1730+	CO1522	4.46	38 1-	4ACSR	0	0	1241	311	373	25	18	0.06	2.43	37
CO1731+	CO1730	4.56	37 1-	4ACSR	0	0	1216	309	356	24	18	0.06	2.49	33
CO1573+	CO1731	4.64	1 1-	4ACSR	0	0	1197	308	10	0	0	0.00	2.49	0
CO1521+	CO1731	4.72	36 1-	4ACSR	0	0	1179	307	346	23	17	0.08	2.57	46
CO1695+	CO1521	4.77	8 1-	4ACSR	0	0	1166	306	74	5	4	0.01	2.58	0
CO1717+	CO1695	4.84	5 1-	4ACSR	0	0	1150	304	51	3	3	0.01	2.58	0
CO1718+	CO1717	4.92	4 1-	4ACSR	0	0	1132	303	44	3	2	0.01	2.59	0
CO1901+	CO1718	5.05	3 1-	4ACSR	0	0	1104	301	26	1	1	0.01	2.59	0
CO1902+	CO1901	5.09	3 1-	4ACSR	0	0	1097	300	26	1	1	0.00	2.59	0
CO1900+	CO1902	5.15	2 1-	2ACSR	0	0	1086	299	11	0	0	0.00	2.59	0
CO1897+	CO1900	5.27	1 1-	2ACSR	0	0	1066	298	11	0	0	0.00	2.60	0
CO1899+	CO1897	5.36	1 1-	2ACSR	0	0	1052	297	11	0	0	0.00	2.60	0
CO1898+	CO1899	5.41	1 1-	2ACSR	0	0	1045	296	11	0	0	0.00	2.60	0
CO1574+	CO1718	4.95	1 1-	4ACSR	0	0	1125	302	18	1	1	0.00	2.59	0
CO1945+	CO1521	4.74	28 1-	4ACSR	0	0	1174	306	273	18	13	0.01	2.58	4
CO1944+	CO1945	4.87	28 1-	4ACSR	0	0	1144	304	273	18	13	0.06	2.64	25
CO1946+	CO1944	4.89	27 1-	4ACSR	0	0	1139	303	272	18	13	0.01	2.65	5
CO8206+	CO1946	4.93	27 1-	4ACSR	0	0	1131	303	272	18	13	0.01	2.66	7
CO1848514109+	CO8206	5.03	4 1-	4ACSR	0	0	1109	301	65	4	3	0.01	2.67	0
CO1891430613+	CO1848514109	5.10	4 1-	4ACSR	0	0	1094	300	65	4	3	0.01	2.68	0
CO1251+	CO1891430613	5.16	4 1-	4ACSR	0	0	1081	299	65	4	3	0.00	2.68	0
CO1252+	CO1251	5.22	2 1-	4ACSR	0	0	1069	298	30	2	2	0.00	2.68	0
CO1031961024+	CO1848514109	5.07	0 1-	4ACSR	0	0	1100	300	0	0	0	0.00	2.67	0
CO1186+	CO8206	5.01	23 1-	4ACSR	0	0	1113	301	207	14	10	0.02	2.68	7
CO-78532859+	CO1186	5.12	16 1-	2ACSR	0	0	1093	300	154	10	6	0.02	2.70	4
CO-989217829+	CO-78532859	5.31	8 1-	2ACSR	0	0	1063	298	54	3	2	0.01	2.71	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-91803684+	CO-78532859	5.21	7 1-	2ACSR	0	0	1080	299	79	5	3	0.00	2.71	0
CO263534900+	CO-91803684	5.29	2 1-	2ACSR	0	0	1067	298	30	2	1	0.00	2.71	0
CO111652207+	CO-91803684	5.24	0 1-	2ACSR	0	0	1074	299	0	0	0	0.00	2.71	0
CO-362408940+	CO1520	4.11	0 1-	2ACSR	0	0	1338	318	0	0	0	0.00	2.17	0
CO1632+	CO1942	3.96	1 1-	2ACSR	0	0	1384	321	17	1	1	0.00	2.06	0
CO1758+	CO1529	3.57	97 3-	336ACSR	1770	1680	1517	330	818	18	4	0.01	1.69	6
CO1759+	CO1758	3.58	95 3-	336ACSR	1769	1679	1516	330	809	18	4	0.00	1.69	0
CO1757+	CO1759	3.65	95 3-	336ACSR	1759	1668	1505	330	809	18	4	0.00	1.70	4
CO1760+	CO1757	3.70	93 3-	336ACSR	1750	1659	1496	329	778	17	3	0.00	1.70	3
CO1762+	CO1760	3.80	90 3-	336ACSR	1736	1645	1480	329	745	17	3	0.01	1.70	5
CO1761+	CO1762	3.85	90 3-	336ACSR	1728	1636	1471	329	745	17	3	0.00	1.71	3
CO1780+	CO1761	3.95	89 3-	336ACSR	1714	1622	1455	328	740	16	3	0.01	1.71	5
CO1781+	CO1780	3.99	89 3-	336ACSR	1709	1616	1449	328	740	16	3	0.00	1.72	0
CO2011+	CO1781	3.99	32 1-	4ACSR	0	0	1447	328	273	18	13	0.00	1.72	0
OC58+	CO2011	3.99	32 1-	35 H OCR	0	0	1447	328	273	18	53	0.00	1.72	0
CO2012+	OC58	4.01	32 1-	4ACSR	0	0	1441	328	273	18	13	0.01	1.73	4
CO1905+	CO2012	4.11	31 1-	4ACSR	0	0	1412	326	272	18	13	0.04	1.77	17
CO1906+	CO1905	4.15	31 1-	4ACSR	0	0	1401	325	272	18	13	0.02	1.78	7
CO1678+	CO1906	4.21	30 1-	4ACSR	0	0	1384	324	263	17	13	0.02	1.81	10
CO1891+	CO1678	4.25	6 1-	4ACSR	0	0	1372	323	47	3	2	0.00	1.81	0
CO1892+	CO1891	4.30	4 1-	4ACSR	0	0	1356	322	26	1	1	0.00	1.81	0
CO1782+	CO1678	4.23	24 1-	4ACSR	0	0	1377	323	216	14	11	0.01	1.81	2
CO1783+	CO1782	4.34	22 1-	4ACSR	0	0	1346	321	187	12	9	0.03	1.84	10
CO1889+	CO1783	4.38	4 1-	4ACSR	0	0	1335	320	43	2	2	0.00	1.85	0
CO1890+	CO1889	4.41	1 1-	4ACSR	0	0	1325	320	13	0	1	0.00	1.85	0
CO1605+	CO1889	4.41	2 1-	4ACSR	0	0	1325	320	21	1	1	0.00	1.85	0
CO1553+	CO1783	4.37	18 1-	4ACSR	0	0	1338	321	144	9	7	0.01	1.85	0
CO1542+	CO1553	4.41	17 1-	4ACSR	0	0	1327	320	130	8	6	0.01	1.86	0
CO1862+	CO1542	4.42	4 1-	4ACSR	0	0	1322	319	16	1	1	0.00	1.86	0
CO1861+	CO1862	4.49	2 1-	4ACSR	0	0	1305	318	12	0	1	0.00	1.86	0
CO1543+	CO1542	4.46	13 1-	4ACSR	0	0	1313	319	114	7	6	0.01	1.87	0
CO1858+	CO1543	4.48	6 1-	4ACSR	0	0	1308	318	50	3	2	0.00	1.87	0
CO1857+	CO1858	4.56	6 1-	4ACSR	0	0	1286	317	50	3	2	0.01	1.87	0
CO1859+	CO1857	4.61	4 1-	4ACSR	0	0	1274	316	41	2	2	0.00	1.88	0
CO1856+	CO1859	4.66	3 1-	4ACSR	0	0	1259	315	38	2	2	0.00	1.88	0
CO1860+	CO1856	4.70	3 1-	4ACSR	0	0	1249	314	38	2	2	0.00	1.88	0
CO1732664417+	CO1860	4.74	1 1-	2ACSR	0	0	1241	314	16	1	1	0.00	1.88	0
CO1785+	CO1543	4.50	7 1-	4ACSR	0	0	1302	318	65	4	3	0.00	1.87	0
CO1784+	CO1785	4.65	7 1-	4ACSR	0	0	1262	315	65	4	3	0.01	1.89	0
CO1729779384+	CO1784	4.69	2 1-	2ACSR	0	0	1254	315	12	0	0	0.00	1.89	0
CO-1512568191+	CO1729779384	4.73	2 1-	2ACSR	0	0	1245	314	12	0	0	0.00	1.89	0
CO-1199090862+	CO-1512568191	4.81	1 1-	1/0PRIURD	0	0	1233	642	12	0	1	0.00	1.89	0
CO1522987822+	CO-1199090862	4.88	1 1-	1/0PRIURD	0	0	1222	639	12	0	1	0.00	1.89	0
CO626953563+	CO1522987822	4.95	1 1-	1/0PRIURD	0	0	1211	636	12	0	1	0.00	1.89	0
CO-1619942363+	CO1729779384	4.77	0 1-	1/0PRIURD	0	0	1241	645	0	0	0	0.00	1.89	0
CO1854+	CO1784	4.71	1 1-	4ACSR	0	0	1247	314	15	1	1	0.00	1.89	0
CO1853+	CO1854	4.75	1 1-	4ACSR	0	0	1238	313	15	1	1	0.00	1.89	0
CO1855+	CO1853	4.80	1 1-	4ACSR	0	0	1224	312	15	1	1	0.00	1.89	0
CO1852+	CO1855	4.89	1 1-	4ACSR	0	0	1203	311	15	1	1	0.00	1.89	0
CO1789+	CO1784	4.77	4 1-	4ACSR	0	0	1233	313	38	2	2	0.01	1.89	0
CO1786+	CO1789	4.79	4 1-	4ACSR	0	0	1226	312	38	2	2	0.00	1.89	0
CO1788+	CO1786	4.86	4 1-	4ACSR	0	0	1210	311	38	2	2	0.00	1.90	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1787+	CO1788	4.92	4 1-	4ACSR	0	0	1197	310	38	2	2	0.00	1.90	0
CO1655+	CO1787	5.02	3 1-	1/0PRIURD	0	0	1183	624	19	1	1	0.00	1.90	0
CO1656+	CO1655	5.09	2 1-	1/0PRIURD	0	0	1175	622	19	1	1	0.00	1.90	0
CO1603+	CO1787	4.97	1 1-	1/0PRIURD	0	0	1190	627	19	1	1	0.00	1.90	0
CO1604+	CO1785	4.58	0 1-	4ACSR	0	0	1282	316	0	0	0	0.00	1.87	0
CO2002+	CO1781	3.99	57 3-	336ACSR	1708	1615	1448	328	468	10	2	0.00	1.72	0
SW53-B+	CO2002	3.99	57 3-	Closed	1708	1615	1448	328	468	10	0	0.00	1.72	0
SW53-A+	SW53-B	3.99	57 3-	Closed	1708	1615	1448	328	468	10	0	0.00	1.72	0
CO2001+	SW53-A	4.06	57 3-	336ACSR	1698	1605	1438	328	468	10	2	0.00	1.72	0
CO1986+	CO2001	4.17	57 3-	336ACSR	1683	1590	1422	327	468	10	2	0.00	1.72	2
CO1987+	CO1986	4.26	56 3-	336ACSR	1670	1576	1407	327	454	10	2	0.00	1.73	0
CO1776+	CO1987	4.35	54 3-	336ACSR	1657	1563	1393	327	440	10	2	0.00	1.73	0
CO1777+	CO1776	4.45	54 3-	336ACSR	1645	1550	1380	326	440	10	2	0.00	1.73	0
CO1845+	CO1777	4.48	0 1-	4ACSR	0	0	1372	326	0	0	0	0.00	1.73	0
CO1846+	CO1845	4.52	0 1-	4ACSR	0	0	1362	325	0	0	0	0.00	1.73	0
CO1540+	CO1777	4.51	54 3-	336ACSR	1637	1542	1372	326	440	10	2	0.00	1.73	0
CO1774+	CO1540	4.79	51 3-	336ACSR	1601	1504	1333	325	419	9	2	0.01	1.74	5
CO1775+	CO1774	4.98	51 3-	336ACSR	1577	1480	1308	324	419	9	2	0.01	1.75	3
CO1552+	CO1775	5.07	29 3-	2ACSR	1558	1460	1288	322	269	6	3	0.01	1.76	3
CO2005+	CO1552	5.08	28 1-	4ACSR	0	0	1287	322	236	16	12	0.00	1.76	0
OC55+	CO2005	5.08	28 1-	35 H OCR	0	0	1287	322	236	16	47	0.00	1.76	0
XFMR116	OC55	5.08	28 1-	333 KVA 1PH AUT	0	0	917	173	236	16	71	0.66	2.42	0
CO2006	XFMR116	5.14	28 1-	4ACSR	0	0	905	172	236	32	23	0.09	2.51	33
CO1541	CO2006	5.27	24 1-	4ACSR	0	0	879	171	210	29	21	0.18	2.68	60
CO1849	CO1541	5.38	2 1-	4ACSR	0	0	859	170	21	2	2	0.01	2.69	0
CO1851	CO1849	5.45	1 1-	4ACSR	0	0	844	169	11	1	1	0.01	2.70	0
CO1850	CO1851	5.52	1 1-	4ACSR	0	0	831	168	11	1	1	0.00	2.70	0
CO1619	CO1850	5.55	1 1-	4ACSR	0	0	824	168	11	1	1	0.00	2.70	0
CO1779	CO1541	5.31	22 1-	4ACSR	0	0	871	171	189	26	19	0.05	2.73	14
CO1778	CO1779	5.50	22 1-	4ACSR	0	0	835	169	189	26	19	0.23	2.95	70
CO1847	CO1778	5.56	2 1-	4ACSR	0	0	824	168	22	3	2	0.01	2.96	0
CO1848	CO1847	5.61	1 1-	4ACSR	0	0	814	167	10	1	1	0.00	2.96	0
CO1601	CO1847	5.62	1 1-	4ACSR	0	0	812	167	13	1	1	0.00	2.96	0
CO1952	CO1778	5.61	20 1-	4ACSR	0	0	814	167	166	23	17	0.12	3.07	32
CO1951	CO1952	5.83	19 1-	4ACSR	0	0	775	165	163	22	16	0.21	3.28	54
CO1696	CO1951	5.88	18 1-	4ACSR	0	0	766	165	146	20	15	0.05	3.33	11
CO1863	CO1696	5.93	2 1-	4ACSR	0	0	757	164	25	3	3	0.01	3.34	0
CO1864	CO1863	5.99	1 1-	4ACSR	0	0	747	163	13	1	1	0.00	3.34	0
CO1638	CO1863	6.04	1 1-	2ACSR	0	0	741	163	12	1	1	0.00	3.34	0
CO1544	CO1696	5.97	13 1-	4ACSR	0	0	750	164	102	14	10	0.06	3.38	9
CO1865	CO1544	6.07	1 1-	4ACSR	0	0	734	163	13	1	1	0.01	3.39	0
CO1866	CO1865	6.12	1 1-	4ACSR	0	0	725	162	13	1	1	0.00	3.40	0
CO1545	CO1544	6.18	10 1-	4ACSR	0	0	715	161	69	9	7	0.09	3.48	10
CO1546	CO1545	6.26	9 1-	4ACSR	0	0	704	161	63	8	6	0.03	3.51	3
CO1964	CO1546	6.47	7 1-	4ACSR	0	0	671	159	39	5	4	0.05	3.56	3
CO1963	CO1964	6.56	7 1-	4ACSR	0	0	659	158	39	5	4	0.02	3.58	0
CO1965	CO1963	6.64	6 1-	4ACSR	0	0	647	157	35	4	3	0.02	3.60	0
CO1966	CO1965	6.74	6 1-	4ACSR	0	0	633	156	35	4	3	0.02	3.62	0
CO1798	CO1966	6.80	4 1-	4ACSR	0	0	626	156	13	1	1	0.00	3.63	0
CO1796	CO1798	6.91	2 1-	4ACSR	0	0	612	155	2	0	0	0.00	3.63	0
CO1797	CO1796	6.99	1 1-	4ACSR	0	0	601	154	1	0	0	0.00	3.63	0
CO1618	CO1966	6.80	2 1-	4ACSR	0	0	626	156	21	2	2	0.00	3.63	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1790	CO1546	6.58	2 1-	4ACSR	0	0	656	158	23	3	2	0.05	3.56	0
CO1793	CO1790	6.65	2 1-	4ACSR	0	0	646	157	23	3	2	0.01	3.57	0
CO1791	CO1793	6.75	2 1-	4ACSR	0	0	633	156	23	3	2	0.01	3.58	0
CO1792	CO1791	6.79	2 1-	4ACSR	0	0	627	156	23	3	2	0.00	3.58	0
CO1606	CO1792	6.85	1 1-	4ACSR	0	0	620	155	3	0	0	0.00	3.58	0
CO1607	CO1545	6.24	1 1-	4ACSR	0	0	707	161	6	0	1	0.00	3.48	0
CO1600	CO1696	5.97	1 1-	4ACSR	0	0	750	164	5	0	1	0.00	3.33	0
CO1599	CO1696	5.96	0 1-	4ACSR	0	0	751	164	0	0	0	0.00	3.33	0
CO1953	CO2006	5.27	3 1-	4ACSR	0	0	880	171	18	2	2	0.01	2.52	0
CO1700	CO1953	5.32	2 1-	4ACSR	0	0	869	170	16	2	2	0.00	2.52	0
CO1701	CO1700	5.42	1 1-	4ACSR	0	0	851	169	1	0	0	0.00	2.52	0
CO1954	CO1953	5.29	1 1-	4ACSR	0	0	875	171	2	0	0	0.00	2.52	0
CO1697	CO1954	5.40	0 1-	4ACSR	0	0	854	170	0	0	0	0.00	2.52	0
CO1539+	CO1775	5.07	22 3-	336ACSR	1566	1469	1296	323	149	3	1	0.00	1.75	0
CO508214794+	CO1539	5.20	22 3-	2ACSR	1539	1440	1269	322	149	3	2	0.01	1.76	0
CO1037977913+	CO508214794	5.25	0 3-	2ACSR	1529	1430	1259	321	0	0	0	0.00	1.76	0
CO-51601948+	CO508214794	5.24	22 3-	2ACSR	1533	1434	1263	321	149	3	2	0.00	1.76	0
CO1676+	CO-51601948	5.27	22 3-	336ACSR	1529	1430	1259	321	149	3	1	0.00	1.76	0
CO1959+	CO1676	5.30	20 3-	336ACSR	1526	1427	1255	321	143	3	1	0.00	1.76	0
CO1958+	CO1959	5.36	18 3-	336ACSR	1518	1419	1248	321	138	3	1	0.00	1.76	0
CO1960+	CO1958	5.40	16 3-	336ACSR	1514	1415	1243	320	123	2	1	0.00	1.76	0
CO1699+	CO1960	5.50	16 3-	336ACSR	1503	1404	1232	320	123	2	1	0.00	1.76	0
CO1703+	CO1699	5.61	11 3-	336ACSR	1491	1391	1219	320	95	2	0	0.00	1.76	0
CO1702+	CO1703	5.63	8 3-	336ACSR	1488	1389	1217	319	74	1	0	0.00	1.76	0
CO1842+	CO1702	5.65	0 1-	4ACSR	0	0	1213	319	0	0	0	0.00	1.76	0
CO1841+	CO1842	5.67	0 1-	4ACSR	0	0	1209	319	0	0	0	0.00	1.76	0
CO1538+	CO1702	5.72	5 3-	336ACSR	1478	1379	1207	319	66	1	0	0.00	1.76	0
CO1772+	CO1538	5.78	3 3-	336ACSR	1472	1373	1201	319	49	1	0	0.00	1.76	0
CO1773+	CO1772	5.84	3 3-	336ACSR	1466	1367	1195	319	49	1	0	0.00	1.76	0
XFMR117	CO1773	5.84	3 3-	1000 KVA 1PH AU	1522	1472	1363	174	49	1	2	0.01	1.78	0
CO1844	XFMR117	5.88	2 1-	4ACSR	0	0	1341	174	26	3	3	0.01	1.81	0
CO1843	CO1844	5.92	2 1-	4ACSR	0	0	1323	174	26	3	3	0.01	1.82	0
CO17316	CO1843	5.95	1 1-	4ACSR	0	0	1309	173	19	2	2	0.00	1.82	0
CO1805	XFMR117	5.90	1 3-	336ACSR	1508	1456	1345	174	23	1	0	0.00	1.78	0
CO1806	CO1805	5.96	1 3-	336ACSR	1496	1443	1330	174	23	1	0	0.00	1.78	0
CO1804	CO1806	6.04	1 3-	336ACSR	1479	1426	1311	174	23	1	0	0.00	1.78	0
CO1807	CO1804	6.07	1 3-	336ACSR	1471	1417	1301	174	23	1	0	0.00	1.78	0
CO1803	CO1807	6.16	1 3-	336ACSR	1454	1398	1280	174	23	1	0	0.00	1.78	0
CO2022	CO1803	6.21	0 3-	336ACSR	1444	1388	1268	174	0	0	0	0.00	1.78	0
CO1622+	CO1538	5.76	1 1-	2ACSR	0	0	1200	319	3	0	0	0.00	1.76	0
CO1594+	CO1538	5.77	1 1-	4ACSR	0	0	1197	318	13	0	1	0.00	1.76	0
CO1956+	CO1699	5.51	2 1-	4ACSR	0	0	1228	320	8	0	0	0.00	1.76	0
CO1955+	CO1956	5.56	2 1-	4ACSR	0	0	1218	319	8	0	0	0.00	1.76	0
CO2031+	CO1955	5.66	0 1-	4ACSR	0	0	1197	317	0	0	0	0.00	1.76	0
CO1640+	CO2031	5.66	0 1-	4ACSR	0	0	1196	317	0	0	0	0.00	1.76	0
CO1596+	CO1699	5.56	2 1-	4ACSR	0	0	1217	319	15	1	1	0.00	1.76	0
CO1637+	CO1958	5.45	1 1-	2ACSR	0	0	1231	319	4	0	0	0.00	1.76	0
CO1598+	CO1540	4.54	2 1-	4ACSR	0	0	1361	325	21	1	1	0.00	1.74	0
CO1620+	CO1598	4.59	1 1-	4ACSR	0	0	1350	324	20	1	1	0.00	1.74	0
CO1597+	CO1987	4.34	2 1-	4ACSR	0	0	1383	325	14	0	1	0.00	1.73	0
CO1602+	CO1761	3.89	1 1-	4ACSR	0	0	1459	328	5	0	0	0.00	1.71	0
CO961295214+	CO1762	3.86	0 1-	2ACSR	0	0	1462	328	0	0	0	0.00	1.70	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1576+	CO1760	3.74	2 1-	4ACSR	0	0	1483	329	9	0	0	0.00	1.70	0
CO1575+	CO1760	3.75	1 1-	4ACSR	0	0	1480	328	24	1	1	0.00	1.70	0
CO1634+	CO1757	3.68	1 1-	2ACSR	0	0	1495	329	6	0	0	0.00	1.70	0
CO1623+	CO1758	3.61	2 1-	2ACSR	0	0	1506	329	9	0	0	0.00	1.69	0
CO1577+	CO1529	3.62	1 1-	4ACSR	0	0	1488	328	3	0	0	0.00	1.69	0
CO-415726902+	CO2104604399	3.18	14 1-	2ACSR	0	0	1587	332	79	5	3	0.00	1.65	0
CO2056277497+	CO-415726902	3.22	14 1-	2ACSR	0	0	1572	331	79	5	3	0.00	1.65	0
CO1989277575+	CO2056277497	3.33	8 1-	2ACSR	0	0	1539	329	27	1	1	0.00	1.65	0
CO1932443823+	CO2056277497	3.32	3 1-	2ACSR	0	0	1542	329	16	1	1	0.00	1.65	0
CO-604828321+	CO1932443823	3.40	2 1-	2ACSR	0	0	1520	328	2	0	0	0.00	1.65	0
CO115694282+	CO-415726902	3.28	0 1-	2ACSR	0	0	1555	330	0	0	0	0.00	1.65	0
CO1802+	CO1528	3.05	15 1-	2ACSR	0	0	1611	332	53	3	2	0.00	1.63	0
CO1799+	CO1802	3.08	9 1-	2ACSR	0	0	1598	331	33	2	1	0.00	1.63	0
CO2130441809+	CO1799	3.10	3 1-	2ACSR	0	0	1593	331	15	1	1	0.00	1.63	0
CO1801+	CO1799	3.16	6 1-	2ACSR	0	0	1575	330	18	1	1	0.00	1.63	0
CO1800+	CO1801	3.23	5 1-	2ACSR	0	0	1554	329	14	0	1	0.00	1.63	0
CO-375362023+	CO1800	3.26	5 1-	2ACSR	0	0	1543	329	14	0	1	0.00	1.63	0
CO2059331085+	CO-375362023	3.30	2 1-	2ACSR	0	0	1531	328	0	0	0	0.00	1.63	0
CO-83812980+	CO-375362023	3.30	3 1-	2ACSR	0	0	1532	328	14	0	1	0.00	1.63	0
CO-2079548184+	CO-83812980	3.39	1 1-	1/0PRIURD	0	0	1517	714	0	0	0	0.00	1.63	0
CO-38205832+	CO-83812980	3.33	2 1-	1/0PRIURD	0	0	1526	717	14	0	1	0.00	1.63	0
CO402340700+	CO1991	2.01	11 1-	2ACSR	0	0	1891	339	89	6	3	0.00	1.19	0
CO2136894810+	CO402340700	2.11	10 1-	2ACSR	0	0	1849	338	77	5	3	0.01	1.20	0
CO1738+	CO2136894810	2.20	10 1-	4ACSR	0	0	1804	336	77	5	4	0.01	1.21	0
CO1739+	CO1738	2.28	9 1-	4ACSR	0	0	1767	334	75	5	4	0.01	1.22	0
CO1746+	CO1739	2.36	7 1-	4ACSR	0	0	1731	332	69	4	3	0.01	1.22	0
CO1745+	CO1746	2.44	5 1-	4ACSR	0	0	1697	331	51	3	3	0.01	1.23	0
CO1743+	CO1745	2.53	1 1-	4ACSR	0	0	1656	329	11	0	1	0.00	1.23	0
CO1744+	CO1743	2.88	1 1-	4ACSR	0	0	1519	322	11	0	1	0.00	1.23	0
CO1684+	CO1745	2.46	4 1-	4ACSR	0	0	1688	330	40	2	2	0.00	1.23	0
CO1916+	CO1684	2.48	2 1-	4ACSR	0	0	1680	330	4	0	0	0.00	1.23	0
CO1917+	CO1916	2.64	2 1-	4ACSR	0	0	1613	327	4	0	0	0.00	1.23	0
CO1682+	CO1917	2.79	1 1-	4ACSR	0	0	1552	324	3	0	0	0.00	1.23	0
CO1722+	CO1739	2.32	2 1-	4ACSR	0	0	1749	333	6	0	0	0.00	1.22	0
CO1979+	CO1722	2.38	2 1-	4ACSR	0	0	1725	332	6	0	0	0.00	1.22	0
CO1980+	CO1979	2.44	2 1-	4ACSR	0	0	1695	331	6	0	0	0.00	1.22	0
CO1702376531+	CO402340700	2.08	1 1-	2ACSR	0	0	1860	338	12	0	0	0.00	1.19	0
CO387856808+	CO1991	2.03	1 3-	2ACSR	2079	2014	1881	339	74	1	1	0.00	1.18	0
CO-1330846399+	CO387856808	2.07	1 3-	1/0PRIURD	2076	2008	1869	779	74	1	1	0.00	1.18	0
CO2481+	CO2497	1.48	1 1-	4ACSR	0	0	2111	344	4	0	0	0.00	0.75	0
CO2428+	CO2383	1.39	3 1-	4ACSR	0	0	2150	345	2	0	0	0.00	0.65	0
CO2670+	CO2577	0.97	3 1-	4ACSR	0	0	2367	349	14	0	1	0.00	0.32	0
CO2669+	CO2670	1.02	2 1-	4ACSR	0	0	2335	348	8	0	0	0.00	0.32	0
CO2490+	CO2808	0.81	1 1-	1/0PRIURD	0	0	2458	866	3	0	0	0.00	0.25	0
CO2426+	CO2657	0.19	2 3-	500PRIURD	2754	2777	2782	890	91	2	1	0.00	0.03	0
CO2417+	CO2426	0.37	2 3-	500PRIURD	2764	2774	2704	882	91	2	1	0.00	0.03	0
CO2854+	CO2417	0.44	1 3-	500PRIURD	2768	2777	2702	881	49	1	0	0.00	0.03	0
CO2853+	CO2417	0.44	1 3-	500PRIURD	2768	2773	2677	879	42	1	0	0.00	0.03	0
CO2419+	CO2853	0.50	1 3-	500PRIURD	2771	2772	2651	876	42	0	0	0.00	0.03	0
CO2420+	CO2419	0.60	1 3-	500PRIURD	2777	2769	2609	871	42	0	0	0.00	0.03	0
CO2820+	CO2420	0.70	1 3-	1/0PRIURD	2769	2746	2554	863	42	0	1	0.00	0.03	0
CO2415+	CO2426	0.31	0 3-	500PRIURD	2761	2775	2728	884	0	0	0	0.00	0.03	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2821+	CO2826	0.02	881 3-	500 MCM ACSR 30	2772	2841	2869	355	6324	142	21	0.00	0.01	22
Sharkey Ckt+	CO2821	0.02	881 3-	200 120WVE	2772	2841	2869	355	6324	142	0	0.00	0.01	0
CO2413+	Sharkey Ckt	0.03	881 3-	500PRIURD	2773	2834	2862	897	6324	142	42	0.00	0.01	39
CO2585+	CO2413	0.06	881 3-	336ACSR	2763	2818	2845	355	6323	142	28	0.01	0.03	106
CO2809+	CO2585	0.10	881 3-	336ACSR	2748	2796	2821	355	6323	142	28	0.02	0.05	152
CO2850+	CO2809	0.27	881 3-	336ACSR	2690	2712	2727	354	6322	142	28	0.08	0.13	614
CO2582+	CO2850	0.37	881 3-	336ACSR	2658	2668	2677	354	6319	142	28	0.05	0.18	345
CO2583+	CO2582	0.56	881 3-	336ACSR	2596	2594	2581	353	6318	142	28	0.09	0.27	703
CO2581+	CO2583	0.77	881 3-	336ACSR	2530	2518	2482	352	6314	142	28	0.10	0.37	769
CO2584+	CO2581	0.82	881 3-	336ACSR	2517	2502	2462	352	6311	142	28	0.02	0.39	167
CO2580+	CO2584	0.85	879 3-	336ACSR	2508	2491	2448	352	6305	142	27	0.01	0.41	109
SW75-B+	CO2580	0.85	0 3-	Open	2508	2491	2448	352	0	0	0	0.00	0.41	0
CO2575+	CO2580	0.91	878 3-	1/0ACSR	2482	2463	2412	351	6299	142	62	0.08	0.49	729
CO2574+	CO2575	1.15	874 3-	1/0ACSR	2391	2360	2282	348	6282	142	62	0.29	0.78	2743
CO2576+	CO2574	1.19	873 3-	1/0ACSR	2376	2344	2263	348	6269	142	62	0.05	0.83	436
CO2573+	CO2576	1.23	872 3-	1/0ACSR	2359	2325	2240	347	6247	141	62	0.06	0.88	520
CO2525+	CO2573	1.28	133 3-	1/0ACSR	2340	2303	2213	347	970	21	9	0.01	0.89	14
OC840012596+	CO2525	1.28	131 3-	100 L OCR	2340	2303	2213	347	948	21	21	0.00	0.89	0
CO2524+	OC840012596	1.35	131 3-	1/0ACSR	2316	2276	2180	346	948	21	9	0.01	0.90	17
CO2506+	CO2524	1.38	129 3-	1/0ACSR	2304	2263	2164	346	938	21	9	0.01	0.91	8
CO2508+	CO2506	1.43	128 3-	1/0ACSR	2288	2246	2144	345	936	20	9	0.01	0.92	11
CO2507+	CO2508	1.48	127 3-	1/0ACSR	2268	2223	2117	345	927	20	9	0.01	0.93	14
CO2512+	CO2507	1.52	123 3-	1/0ACSR	2255	2208	2100	344	907	20	9	0.01	0.93	9
CO2509+	CO2512	1.56	122 3-	1/0ACSR	2242	2194	2083	344	899	20	9	0.01	0.94	9
CO2511+	CO2509	1.61	121 3-	1/0ACSR	2225	2175	2061	343	892	19	9	0.01	0.95	11
CO2510+	CO2511	1.68	120 3-	1/0ACSR	2200	2147	2028	343	888	19	9	0.01	0.96	17
CO2388+	CO2510	1.80	118 3-	1/0ACSR	2162	2105	1980	341	881	19	9	0.02	0.98	25
CO2436+	CO2388	1.87	3 1-	4ACSR	0	0	1940	340	24	1	1	0.00	0.98	0
OC654056532+	CO2436	1.87	1 1-	20 N FUSE	0	0	1940	340	4	0	1	0.00	0.98	0
CO-1941332583+	OC654056532	1.93	1 1-	2ACSR	0	0	1917	339	4	0	0	0.00	0.98	0
CO2692+	CO2388	1.84	0 1-	4ACSR	0	0	1955	340	0	0	0	0.00	0.98	0
OC784152550+	CO2692	1.84	0 1-	20 N FUSE	0	0	1955	340	0	0	0	0.00	0.98	0
CO2691+	OC784152550	1.88	0 1-	4ACSR	0	0	1936	340	0	0	0	0.00	0.98	0
CO2389+	CO2388	1.93	115 3-	1/0ACSR	2117	2056	1925	340	857	19	8	0.02	1.00	29
CO2567+	CO2389	1.98	23 3-	336ACSR	2107	2044	1912	340	203	4	1	0.00	1.00	0
CO2566+	CO2567	2.06	23 3-	336ACSR	2089	2025	1889	339	203	4	1	0.00	1.00	0
CO2568+	CO2566	2.10	20 3-	336ACSR	2082	2016	1880	339	162	3	1	0.00	1.00	0
CO2570+	CO2568	2.23	15 3-	336ACSR	2056	1987	1848	339	110	2	0	0.00	1.00	0
CO2569+	CO2570	2.29	14 3-	336ACSR	2043	1973	1831	339	106	2	0	0.00	1.00	0
CO2650+	CO2569	2.35	12 3-	336ACSR	2031	1959	1816	338	97	2	0	0.00	1.00	0
CO2651+	CO2650	2.46	12 3-	336ACSR	2009	1936	1790	338	97	2	0	0.00	1.01	0
CO2572+	CO2651	2.50	10 3-	336ACSR	2001	1927	1780	338	86	1	0	0.00	1.01	0
CO2571+	CO2572	2.55	9 3-	336ACSR	1991	1916	1768	337	67	1	0	0.00	1.01	0
CO8215+	CO2571	2.66	8 3-	336ACSR	1971	1894	1744	337	57	1	0	0.00	1.01	0
CO1765+	CO8215	2.73	8 3-	336ACSR	1957	1879	1728	337	57	1	0	0.00	1.01	0
CO1764+	CO1765	2.77	8 3-	336ACSR	1951	1872	1719	336	57	1	0	0.00	1.01	0
CO1895+	CO1764	2.81	3 1-	2ACSR	0	0	1704	336	37	2	1	0.00	1.01	0
CO1896+	CO1895	2.86	2 1-	2ACSR	0	0	1687	335	24	1	1	0.00	1.01	0
CO1763+	CO1764	2.85	5 3-	336ACSR	1936	1856	1702	336	20	0	0	0.00	1.01	0
CO1532+	CO1763	2.92	3 3-	336ACSR	1922	1841	1685	336	5	0	0	0.00	1.01	0
CO1997+	CO1532	2.93	0 3-	336ACSR	1921	1840	1684	336	0	0	0	0.00	1.01	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
#SW51-A+	CO1997	2.93	0 3-	Open	1921	1840	1684	336	0	0	0	0.00	1.01	0
CO1584+	CO1532	2.97	1 1-	4ACSR	0	0	1667	335	2	0	0	0.00	1.01	0
CO1580+	CO1532	2.97	2 1-	4ACSR	0	0	1667	335	3	0	0	0.00	1.01	0
CO1585+	CO1763	2.89	2 1-	4ACSR	0	0	1683	335	15	1	1	0.00	1.01	0
CO2494+	CO2571	2.58	1 1-	2ACSR	0	0	1756	337	10	0	0	0.00	1.01	0
CO2445+	CO2651	2.54	2 1-	4ACSR	0	0	1754	336	11	0	1	0.00	1.01	0
CO2718+	CO2569	2.33	2 1-	4ACSR	0	0	1813	338	9	0	0	0.00	1.00	0
CO2717+	CO2718	2.37	1 1-	4ACSR	0	0	1793	337	5	0	0	0.00	1.00	0
CO2722+	CO2568	2.15	4 1-	4ACSR	0	0	1857	338	49	3	2	0.00	1.00	0
CO2719+	CO2722	2.17	2 1-	4ACSR	0	0	1845	338	19	1	1	0.00	1.01	0
CO2721+	CO2719	2.19	2 1-	4ACSR	0	0	1837	337	19	1	1	0.00	1.01	0
CO2720+	CO2721	2.23	1 1-	4ACSR	0	0	1820	337	13	0	1	0.00	1.01	0
CO2444+	CO2389	1.98	1 1-	4ACSR	0	0	1901	339	5	0	0	0.00	1.00	0
OC-681621843+	CO2444	1.98	0 1-	20 N FUSE	0	0	1901	339	0	0	0	0.00	1.00	0
CO2390+	CO2389	2.03	91 3-	1/0ACSR	2087	2023	1888	339	649	14	6	0.01	1.01	11
CO2681+	CO2390	2.05	5 1-	4ACSR	0	0	1878	339	24	1	1	0.00	1.01	0
OC-1293230152+	CO2681	2.05	3 1-	20 N FUSE	0	0	1878	339	14	0	5	0.00	1.01	0
CO2443+	OC-1293230152	2.10	1 1-	4ACSR	0	0	1855	338	4	0	0	0.00	1.01	0
CO2680+	OC-1293230152	2.08	2 1-	4ACSR	0	0	1861	338	9	0	0	0.00	1.01	0
CO2391+	CO2390	2.14	86 3-	1/0ACSR	2054	1986	1847	338	625	13	6	0.01	1.02	12
CO2519+	CO2391	2.21	65 3-	1/0ACSR	2034	1964	1823	337	495	10	5	0.01	1.03	5
CO2790+	CO2519	2.24	20 1-	2ACSR	0	0	1808	337	160	11	6	0.01	1.03	0
CO2792+	CO2790	2.27	17 1-	2ACSR	0	0	1799	336	134	9	5	0.00	1.04	0
CO2793+	CO2792	2.31	17 1-	2ACSR	0	0	1782	336	134	9	5	0.01	1.04	0
CO2794+	CO2793	2.34	13 1-	2ACSR	0	0	1769	335	99	6	4	0.00	1.05	0
CO2797+	CO2794	2.43	11 1-	2ACSR	0	0	1738	334	87	5	3	0.01	1.05	0
CO2796+	CO2797	2.48	9 1-	2ACSR	0	0	1717	333	64	4	2	0.00	1.06	0
CO2795+	CO2796	2.51	8 1-	2ACSR	0	0	1706	333	52	3	2	0.00	1.06	0
CO2847+	CO2795	2.57	5 1-	2ACSR	0	0	1685	332	34	2	1	0.00	1.06	0
CO2848+	CO2847	2.62	2 1-	2ACSR	0	0	1665	331	19	1	1	0.00	1.06	0
CO2488+	CO2847	2.62	2 1-	2ACSR	0	0	1667	331	12	0	0	0.00	1.06	0
CO2487+	CO2797	2.46	0 1-	2ACSR	0	0	1726	334	0	0	0	0.00	1.05	0
CO2495+	CO2793	2.34	2 1-	2ACSR	0	0	1769	335	18	1	1	0.00	1.04	0
CO2518+	CO2519	2.25	43 3-	1/0ACSR	2020	1949	1807	337	324	7	3	0.00	1.03	0
CO2516+	CO2518	2.29	43 3-	1/0ACSR	2008	1936	1792	336	324	7	3	0.00	1.03	0
CO2517+	CO2516	2.34	41 3-	1/0ACSR	1994	1920	1776	336	300	6	3	0.00	1.03	0
CO2856+	CO2517	2.47	1 1-	1/0PRIURD	0	0	1752	757	7	0	0	0.00	1.03	0
CO2565+	CO2517	2.38	40 3-	1/0ACSR	1984	1910	1764	336	293	6	3	0.00	1.04	0
CO2563+	CO2565	2.42	40 3-	1/0ACSR	1970	1895	1748	335	293	6	3	0.00	1.04	0
CO2564+	CO2563	2.48	40 3-	1/0ACSR	1956	1879	1731	335	293	6	3	0.00	1.04	0
CO2562+	CO2564	2.57	39 3-	1/0ACSR	1929	1851	1701	334	282	6	3	0.00	1.04	0
CO2561+	CO2562	2.61	37 3-	1/0ACSR	1920	1841	1690	333	265	5	3	0.00	1.04	0
CO2828+	CO2561	2.65	35 3-	1/0ACSR	1907	1827	1675	333	258	5	3	0.00	1.05	0
CO2829+	CO2828	2.69	33 3-	1/0PRIURD	1904	1821	1665	743	250	5	4	0.00	1.05	0
CO2818+	CO2829	2.73	32 3-	1/0PRIURD	1901	1815	1654	740	243	5	4	0.00	1.05	0
CO2817+	CO2818	2.85	31 3-	1/0PRIURD	1892	1797	1623	733	224	5	3	0.00	1.05	0
CO2816+	CO2817	2.93	30 3-	1/0PRIURD	1885	1785	1602	728	207	4	3	0.00	1.06	0
CO8214+	CO2816	2.98	29 3-	1/0PRIURD	1881	1778	1590	726	206	4	3	0.00	1.06	0
CO1530+	CO8214	3.06	2 1-	1/0PRIURD	0	0	1569	721	12	0	1	0.00	1.06	0
CO8224+	CO1530	3.20	1 1-	1/0PRIURD	0	0	1535	713	1	0	0	0.00	1.06	0
CO2846+	CO8224	3.21	0 1-	1/0PRIURD	0	0	1532	713	0	0	0	0.00	1.06	0
CO1582+	CO1530	3.17	1 1-	1/0PRIURD	0	0	1542	715	11	0	0	0.00	1.06	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1651+	CO8214	3.03	27 3-	1/0PRIURD	1876	1770	1577	722	194	4	3	0.00	1.06	0
CO1652+	CO1651	3.08	26 3-	1/0PRIURD	1872	1763	1565	720	194	4	3	0.00	1.06	0
CO8234+	CO1652	3.28	1 1-	1/0PRIURD	0	0	1516	709	9	0	0	0.00	1.06	0
CO2819+	CO8234	3.40	0 1-	1/0PRIURD	0	0	1489	703	0	0	0	0.00	1.06	0
CO1581+	CO1652	3.10	1 1-	1/0PRIURD	0	0	1560	719	6	0	0	0.00	1.06	0
CO1531+	CO1652	3.25	24 3-	1/0PRIURD	1858	1738	1525	710	179	4	3	0.00	1.07	0
CO8217+	CO1531	3.48	22 3-	1/0PRIURD	1836	1704	1471	697	175	3	3	0.01	1.07	0
CO8218+	CO8217	3.74	20 3-	1/0PRIURD	1813	1680	1417	683	163	3	2	0.01	1.08	0
CO2344+	CO8218	3.76	2 1-	1/0PRIURD	0	0	1412	682	17	1	1	0.00	1.08	0
CO2063+	CO8218	3.79	18 2-	1/0PRIURD	0	1676	1407	681	147	4	3	0.00	1.08	0
CO2346+	CO2063	3.85	17 2-	1/0PRIURD	0	1670	1394	678	137	4	3	0.00	1.08	0
CO2347+	CO2346	3.90	15 2-	1/0PRIURD	0	1666	1383	675	128	4	3	0.00	1.09	0
CO2348+	CO2347	3.92	15 2-	1/0PRIURD	0	1664	1380	674	128	4	3	0.00	1.09	0
CO2114+	CO2348	3.95	2 2-	1/0PRIURD	0	1661	1374	673	36	1	1	0.00	1.09	0
CO-863124013+	CO2348	3.95	13 2-	1/0PRIURD	0	1661	1376	673	91	3	2	0.00	1.09	0
CO2123+	CO-863124013	3.97	1 1-	1/0PRIURD	0	0	1372	672	5	0	0	0.00	1.09	0
CO-1205431360+	CO-863124013	4.04	12 2-	1/0PRIURD	0	1652	1363	669	86	2	2	0.00	1.09	0
CO2350+	CO-1205431360	4.06	12 2-	1/0PRIURD	0	1650	1358	667	86	2	2	0.00	1.09	0
CO2351+	CO2350	4.11	10 2-	1/0PRIURD	0	1646	1349	665	71	2	2	0.00	1.09	0
CO2352+	CO2351	4.20	9 2-	1/0PRIURD	0	1638	1331	661	55	1	1	0.00	1.09	0
CO2353+	CO2352	4.27	7 2-	1/0PRIURD	0	1632	1320	658	45	1	1	0.00	1.09	0
CO2354+	CO2353	4.44	5 2-	1/0PRIURD	0	1617	1288	649	28	0	1	0.00	1.09	0
CO2355+	CO2354	4.50	1 2-	1/0PRIURD	0	1612	1278	647	1	0	0	0.00	1.09	0
CO2345+	CO2063	3.81	1 2-	1/0PRIURD	0	1673	1401	679	9	0	0	0.00	1.08	0
CO2113+	CO2063	3.83	0 2-	1/0PRIURD	0	1672	1399	679	0	0	0	0.00	1.08	0
CO2342+	CO8217	3.69	2 1-	1/0PRIURD	0	0	1427	687	12	0	1	0.00	1.07	0
CO2343+	CO2342	3.72	1 1-	1/0PRIURD	0	0	1421	685	10	0	0	0.00	1.07	0
CO1583+	CO1531	3.31	2 2-	1/0PRIURD	0	1729	1511	707	4	0	0	0.00	1.07	0
CO2442+	CO2561	2.67	2 1-	1/0PRIURD	0	0	1680	745	7	0	0	0.00	1.04	0
CO2791+	CO2519	2.24	2 1-	2ACSR	0	0	1811	337	11	0	0	0.00	1.03	0
CO2435+	CO2391	2.28	1 1-	4ACSR	0	0	1783	335	4	0	0	0.00	1.02	0
CO2434+	CO2391	2.27	0 1-	4ACSR	0	0	1786	335	0	0	0	0.00	1.02	0
CO2392+	CO2391	2.26	20 3-	6ACWC	2005	1930	1789	335	127	2	2	0.01	1.03	0
CO2520+	CO2392	2.41	1 1-	6ACWC	0	0	1721	332	1	0	0	0.00	1.03	0
OC1819925872+	CO2520	2.41	1 1-	20 N FUSE	0	0	1721	332	1	0	0	0.00	1.03	0
CO2523+	OC1819925872	2.48	1 1-	6ACWC	0	0	1692	331	1	0	0	0.00	1.03	0
CO2521+	CO2523	2.58	1 1-	6ACWC	0	0	1652	329	1	0	0	0.00	1.03	0
CO2522+	CO2521	2.71	1 1-	6ACWC	0	0	1598	326	1	0	0	0.00	1.03	0
CO8248+	CO2522	2.76	1 1-	6ACWC	0	0	1576	325	1	0	0	0.00	1.03	0
CO2908+	CO8248	2.90	1 1-	6ACWC	0	0	1525	323	1	0	0	0.00	1.03	0
CO2907+	CO2908	2.99	1 1-	6ACWC	0	0	1490	321	1	0	0	0.00	1.03	0
CO2906+	CO2907	3.09	1 1-	6ACWC	0	0	1457	319	1	0	0	0.00	1.03	0
CO2393+	CO2392	2.34	18 1-	6ACWC	0	0	1755	334	114	7	6	0.01	1.04	2
CO2679+	CO2393	2.37	2 1-	4ACSR	0	0	1739	333	5	0	0	0.00	1.04	0
CO2678+	CO2679	2.42	1 1-	4ACSR	0	0	1717	332	2	0	0	0.00	1.04	0
CO2394+	CO2393	2.38	16 1-	6ACWC	0	0	1735	333	109	7	5	0.01	1.05	0
CO2677+	CO2394	2.42	1 1-	4ACSR	0	0	1719	332	12	0	1	0.00	1.05	0
CO2676+	CO2677	2.44	1 1-	4ACSR	0	0	1708	332	12	0	1	0.00	1.05	0
CO2395+	CO2394	2.45	15 1-	6ACWC	0	0	1704	331	97	6	5	0.01	1.06	0
CO2514+	CO2395	2.56	13 1-	6ACWC	0	0	1658	329	88	6	4	0.02	1.08	0
CO2513+	CO2514	2.58	13 1-	6ACWC	0	0	1651	329	88	6	4	0.00	1.08	0
CO2515+	CO2513	2.60	4 1-	6ACWC	0	0	1640	328	18	1	1	0.00	1.08	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2690+	CO2515	2.62	4 1-	4ACSR	0	0	1634	328	18	1	1	0.00	1.08	0
CO2687+	CO2690	2.64	2 1-	4ACSR	0	0	1625	328	12	0	1	0.00	1.08	0
CO2689+	CO2687	2.72	2 1-	4ACSR	0	0	1594	326	12	0	1	0.00	1.08	0
CO2688+	CO2689	2.76	1 1-	4ACSR	0	0	1575	325	11	0	1	0.00	1.08	0
CO2682+	CO2513	2.60	9 1-	4ACSR	0	0	1641	328	70	4	3	0.00	1.08	0
CO2684+	CO2682	2.68	8 1-	4ACSR	0	0	1608	327	61	4	3	0.01	1.09	0
CO2686+	CO2684	2.70	0 1-	4ACSR	0	0	1599	326	0	0	0	0.00	1.09	0
CO2685+	CO2686	2.73	0 1-	4ACSR	0	0	1589	326	0	0	0	0.00	1.09	0
CO2683+	CO2684	2.73	4 1-	4ACSR	0	0	1589	326	29	2	1	0.00	1.09	0
CO2433+	CO2395	2.49	2 1-	4ACSR	0	0	1688	331	9	0	0	0.00	1.06	0
CO923973327+	CO2509	1.61	1 1-	2ACSR	0	0	2060	343	7	0	0	0.00	0.94	0
CO2694+	CO2507	1.55	3 1-	4ACSR	0	0	2079	343	10	0	0	0.00	0.93	0
OC1906426494+	CO2694	1.55	2 1-	20 N FUSE	0	0	2079	343	8	0	3	0.00	0.93	0
CO2693+	OC1906426494	1.70	2 1-	4ACSR	0	0	1993	340	8	0	0	0.00	0.93	0
CO2437+	CO2507	1.54	1 1-	4ACSR	0	0	2084	344	11	0	1	0.00	0.93	0
OC-450118243+	CO2437	1.54	0 1-	20 N FUSE	0	0	2084	344	0	0	0	0.00	0.93	0
CO2483+	CO2506	1.41	1 1-	2ACSR	0	0	2150	345	2	0	0	0.00	0.91	0
OC2043944805+	CO2483	1.41	0 1-	20 N FUSE	0	0	2150	345	0	0	0	0.00	0.91	0
CO2696+	CO2524	1.40	1 1-	4ACSR	0	0	2151	345	4	0	0	0.00	0.90	0
OC1944287655+	CO2696	1.40	1 1-	20 N FUSE	0	0	2151	345	4	0	1	0.00	0.90	0
CO2695+	OC1944287655	1.46	1 1-	4ACSR	0	0	2117	344	4	0	0	0.00	0.90	0
CO2501+	CO2573	1.33	738 3-	1/0ACSR	2322	2283	2189	346	5272	119	52	0.11	0.99	844
CO2500+	CO2501	1.37	735 3-	1/0ACSR	2308	2268	2170	346	5101	116	51	0.04	1.03	293
CO2672+	CO2500	1.45	1 1-	4ACSR	0	0	2125	344	1	0	0	0.00	1.03	0
OC642778976+	CO2672	1.45	1 1-	20 N FUSE	0	0	2125	344	1	0	0	0.00	1.03	0
CO2673+	OC642778976	1.60	1 1-	4ACSR	0	0	2034	341	1	0	0	0.00	1.03	0
CO2671+	CO2673	1.74	0 1-	4ACSR	0	0	1956	338	0	0	0	0.00	1.03	0
CO2430+	OC642778976	1.49	0 1-	4ACSR	0	0	2100	343	0	0	0	0.00	1.03	0
CO2385+	CO2500	1.56	734 3-	1/0ACSR	2241	2193	2082	344	5099	116	50	0.19	1.22	1466
CO2431+	CO2385	1.64	1 1-	4ACSR	0	0	2039	342	15	1	1	0.00	1.22	0
OC-294088462+	CO2431	1.64	0 1-	20 N FUSE	0	0	2039	342	0	0	0	0.00	1.22	0
CO2386+	CO2385	1.64	733 3-	1/0ACSR	2215	2164	2048	343	5077	115	50	0.08	1.30	583
CO2432+	CO2386	1.70	3 1-	4ACSR	0	0	2011	342	14	0	1	0.00	1.30	0
OC1478384798+	CO2432	1.70	0 1-	20 N FUSE	0	0	2011	342	0	0	0	0.00	1.30	0
CO2387+	CO2386	1.79	730 3-	1/0ACSR	2164	2107	1983	342	5060	115	50	0.16	1.45	1177
CO2836+	CO2387	1.80	2 1-	4ACSR	0	0	1977	341	11	0	1	0.00	1.45	0
OC76+	CO2836	1.80	2 1-	10 N FUSE	0	0	1977	341	11	0	8	0.00	1.45	0
CO2837+	OC76	2.61	2 1-	4ACSR	0	0	1594	324	11	0	1	0.01	1.47	0
CO8247+	CO2837	2.99	2 1-	4ACSR	0	0	1450	317	11	0	1	0.01	1.48	0
CO2904+	CO8247	3.05	2 1-	2ACSR	0	0	1432	316	11	0	0	0.00	1.48	0
CO1390685920+	CO2904	3.17	1 1-	2ACSR	0	0	1400	315	8	0	0	0.00	1.48	0
CO429209606+	CO2904	3.13	1 1-	2ACSR	0	0	1410	315	3	0	0	0.00	1.48	0
CO2905+	CO429209606	3.23	1 1-	4ACSR	0	0	1378	314	3	0	0	0.00	1.48	0
CO803186519+	CO429209606	3.44	0 1-	2ACSR	0	0	1331	311	0	0	0	0.00	1.48	0
CO2398+	CO2387	1.90	728 3-	1/0ACSR	2129	2069	1939	340	5043	115	50	0.11	1.56	816
CO1391025622+	CO2398	2.00	722 3-	1/0ACSR	2096	2031	1896	339	4986	113	50	0.11	1.67	786
CO1872941073+	CO1391025622	2.07	722 3-	1/0ACSR	2074	2007	1868	339	4982	113	50	0.07	1.74	529
CO2539+	CO1872941073	2.19	720 3-	1/0ACSR	2040	1970	1827	337	4974	113	49	0.11	1.85	827
CO2709+	CO2539	2.24	2 1-	1/0ACSR	0	0	1808	337	9	0	0	0.00	1.85	0
CO2399+	CO2539	2.27	716 3-	1/0ACSR	2015	1943	1798	337	4940	113	49	0.08	1.93	615
CO2838+	CO2399	2.28	49 1-	2ACSR	0	0	1795	336	347	24	13	0.00	1.93	0
OC77+	CO2838	2.28	49 1-	70 4E OCR	0	0	1795	336	347	24	34	0.00	1.93	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2839+	OC77	2.32	49 1-	2ACSR	0	0	1779	336	347	24	13	0.02	1.95	8
CO2542+	CO2839	2.36	45 1-	2ACSR	0	0	1763	335	323	22	12	0.01	1.96	7
CO2541+	CO2542	2.40	42 1-	2ACSR	0	0	1748	335	311	21	12	0.01	1.98	6
CO2544+	CO2541	2.45	35 1-	2ACSR	0	0	1730	334	275	18	11	0.01	1.99	6
CO2543+	CO2544	2.50	33 1-	2ACSR	0	0	1710	333	268	18	10	0.02	2.01	6
CO2545+	CO2543	2.56	31 1-	2ACSR	0	0	1688	332	255	17	10	0.02	2.02	6
CO2547+	CO2545	2.63	27 1-	2ACSR	0	0	1665	331	214	14	8	0.01	2.04	4
CO2546+	CO2547	2.72	24 1-	2ACSR	0	0	1634	330	184	12	7	0.02	2.06	5
CO2549+	CO2546	2.75	15 1-	2ACSR	0	0	1623	330	99	6	4	0.00	2.06	0
CO2548+	CO2549	2.77	13 1-	2ACSR	0	0	1615	329	91	6	3	0.00	2.06	0
CO2550+	CO2548	2.82	4 1-	2ACSR	0	0	1598	329	27	1	1	0.00	2.06	0
CO2552+	CO2550	2.95	3 1-	2ACSR	0	0	1558	327	13	0	0	0.00	2.06	0
CO2551+	CO2552	3.03	3 1-	2ACSR	0	0	1534	326	13	0	0	0.00	2.07	0
CO2830+	CO2551	3.07	3 1-	1/0PRIURD	0	0	1524	707	13	0	1	0.00	2.07	0
CO2831+	CO2830	3.14	1 1-	1/0PRIURD	0	0	1507	703	3	0	0	0.00	2.07	0
CO2707+	CO2548	2.82	9 1-	2ACSR	0	0	1600	329	64	4	2	0.00	2.06	0
CO2706+	CO2707	2.86	7 1-	2ACSR	0	0	1587	328	51	3	2	0.00	2.07	0
CO2708+	CO2706	2.89	4 1-	2ACSR	0	0	1577	328	21	1	1	0.00	2.07	0
CO1296098099+	CO2708	2.95	2 1-	2ACSR	0	0	1559	327	5	0	0	0.00	2.07	0
CO2449+	CO2708	3.00	1 1-	4ACSR	0	0	1536	325	8	0	0	0.00	2.07	0
CO2438+	CO2706	2.90	2 1-	2ACSR	0	0	1572	327	19	1	1	0.00	2.07	0
CO2704+	CO2546	2.77	1 1-	2ACSR	0	0	1617	329	3	0	0	0.00	2.06	0
CO2705+	CO2704	2.80	1 1-	2ACSR	0	0	1607	329	3	0	0	0.00	2.06	0
CO2480+	CO2546	2.77	7 1-	2ACSR	0	0	1617	329	80	5	3	0.00	2.06	0
CO-887944937+	CO2480	2.98	4 1-	1/0PRIURD	0	0	1563	717	39	2	2	0.00	2.06	0
CO-350058162+	CO2480	2.82	2 1-	1/0PRIURD	0	0	1604	725	25	1	1	0.00	2.06	0
CO2477+	CO2544	2.49	2 1-	2ACSR	0	0	1714	333	7	0	0	0.00	1.99	0
CO2697+	CO2541	2.43	4 1-	2ACSR	0	0	1735	334	23	1	1	0.00	1.98	0
CO2699+	CO2697	2.47	3 1-	2ACSR	0	0	1723	334	19	1	1	0.00	1.98	0
CO2701+	CO2699	2.53	1 1-	2ACSR	0	0	1701	333	6	0	0	0.00	1.98	0
CO2700+	CO2701	2.56	1 1-	2ACSR	0	0	1687	332	6	0	0	0.00	1.98	0
CO2698+	CO2699	2.50	2 1-	2ACSR	0	0	1709	333	13	0	1	0.00	1.98	0
CO2703+	CO2839	2.36	4 1-	2ACSR	0	0	1762	335	25	1	1	0.00	1.95	0
CO2702+	CO2703	2.39	1 1-	2ACSR	0	0	1751	335	6	0	0	0.00	1.95	0
CO2397+	CO2399	2.35	667 3-	1/0ACSR	1991	1917	1770	336	4590	105	46	0.07	2.01	510
CO8238+	CO2397	2.39	665 3-	1/0ACSR	1980	1905	1757	335	4571	104	46	0.04	2.04	246
CO3709+	CO8238	2.43	662 3-	1/0ACSR	1969	1893	1744	335	4544	104	45	0.04	2.08	241
CO3808+	CO3709	2.43	27 1-	2ACSR	0	0	1742	335	194	13	7	0.00	2.08	0
OC97+	CO3808	2.43	27 1-	70 4E OCR	0	0	1742	335	194	13	19	0.00	2.08	0
CO17308+	OC97	2.45	27 1-	2ACSR	0	0	1736	335	194	13	7	0.00	2.08	0
CO17309+	CO17308	2.49	26 1-	2ACSR	0	0	1721	334	190	13	7	0.01	2.09	2
CO3710+	CO17309	2.57	26 1-	2ACSR	0	0	1693	333	190	13	7	0.02	2.10	4
CO3711+	CO3710	2.61	25 1-	2ACSR	0	0	1679	332	168	11	6	0.01	2.11	0
CO3713+	CO3711	2.66	23 1-	2ACSR	0	0	1659	332	150	10	6	0.01	2.12	0
CO3714+	CO3713	2.71	22 1-	2ACSR	0	0	1643	331	140	9	5	0.01	2.13	0
CO8245+	CO3714	2.79	8 1-	2ACSR	0	0	1618	330	39	2	2	0.00	2.13	0
CO2712+	CO8245	2.80	8 1-	2ACSR	0	0	1613	330	39	2	2	0.00	2.13	0
CO2713+	CO2712	2.87	2 1-	2ACSR	0	0	1591	329	11	0	0	0.00	2.13	0
CO2448+	CO2712	2.86	2 1-	4ACSR	0	0	1588	328	10	0	1	0.00	2.13	0
CO2482+	CO8245	2.81	0 1-	2ACSR	0	0	1610	329	0	0	0	0.00	2.13	0
CO3019+	CO3714	2.76	13 1-	2ACSR	0	0	1625	330	88	6	3	0.00	2.13	0
CO3715+	CO3019	2.81	10 1-	2ACSR	0	0	1609	329	70	4	3	0.00	2.14	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8246+	CO3715	2.85	10 1-	2ACSR	0	0	1597	329	70	4	3	0.00	2.14	0
CO2714+	CO8246	2.92	8 1-	2ACSR	0	0	1575	328	51	3	2	0.00	2.14	0
CO2832+	CO2714	3.01	6 1-	1/0PRIURD	0	0	1552	715	33	2	1	0.00	2.14	0
CO2834+	CO2832	3.02	0 1-	1/0PRIURD	0	0	1549	714	0	0	0	0.00	2.14	0
CO2835+	CO2834	3.05	0 1-	1/0PRIURD	0	0	1541	713	0	0	0	0.00	2.14	0
CO2833+	CO2832	3.14	4 1-	1/0PRIURD	0	0	1520	708	9	0	0	0.00	2.14	0
CO3113+	CO3019	2.81	2 1-	2ACSR	0	0	1609	329	8	0	0	0.00	2.13	0
CO3205+	CO3113	2.87	0 1-	2ACSR	0	0	1591	329	0	0	0	0.00	2.13	0
CO3712+	CO3711	2.63	2 1-	2ACSR	0	0	1670	332	18	1	1	0.00	2.11	0
CO8262+	CO3712	2.70	0 1-	2ACSR	0	0	1647	331	0	0	0	0.00	2.11	0
CO3214+	CO3712	2.68	2 1-	2ACSR	0	0	1654	331	18	1	1	0.00	2.11	0
CO3840+	CO3709	2.49	635 3-	1/0ACSR	1951	1874	1723	334	4348	99	43	0.06	2.13	361
CO3708+	CO3840	2.62	635 3-	1/0ACSR	1916	1836	1683	333	4347	99	43	0.11	2.24	734
CO3695+	CO3708	2.72	50 3-	2ACSR	1884	1801	1647	332	379	8	5	0.01	2.26	7
CO3698+	CO3695	2.75	20 1-	2ACSR	0	0	1638	331	135	9	5	0.00	2.26	0
CO3699+	CO3698	2.78	0 1-	2ACSR	0	0	1627	331	0	0	0	0.00	2.26	0
CO72746847+	CO3698	2.78	17 1-	2ACSR	0	0	1627	331	108	7	4	0.00	2.26	0
CO1566374362+	CO72746847	2.83	17 1-	2ACSR	0	0	1610	330	108	7	4	0.01	2.27	0
CO1514842378+	CO1566374362	2.92	11 1-	2ACSR	0	0	1583	329	74	5	3	0.01	2.28	0
CO974344906+	CO1514842378	2.96	4 1-	2ACSR	0	0	1570	328	26	1	1	0.00	2.28	0
CO503884482+	CO974344906	2.98	1 1-	2ACSR	0	0	1564	328	8	0	0	0.00	2.28	0
CO-621327499+	CO1514842378	2.94	6 1-	2ACSR	0	0	1575	328	41	2	2	0.00	2.28	0
CO-58995674+	CO-621327499	2.98	5 1-	2ACSR	0	0	1563	328	32	2	1	0.00	2.28	0
CO784777126+	CO1566374362	2.88	3 1-	2ACSR	0	0	1596	329	12	0	0	0.00	2.27	0
CO-482639840+	CO1566374362	2.87	3 1-	2ACSR	0	0	1597	329	21	1	1	0.00	2.27	0
CO3696+	CO3695	2.75	30 3-	2ACSR	1877	1793	1638	331	244	5	3	0.00	2.26	0
OC-337950959+	CO3696	2.75	30 3-	20 N FUSE	1877	1793	1638	331	244	5	28	0.00	2.26	0
CO3697+	OC-337950959	2.77	30 3-	2ACSR	1870	1785	1631	331	244	5	3	0.00	2.26	0
CO3706+	CO3697	2.80	6 1-	2ACSR	0	0	1622	330	45	3	2	0.00	2.26	0
OC1705993658+	CO3706	2.80	1 1-	20 N FUSE	0	0	1622	330	8	0	3	0.00	2.26	0
CO3707+	OC1705993658	2.83	1 1-	2ACSR	0	0	1611	330	8	0	0	0.00	2.26	0
CO3702+	CO3697	2.83	19 3-	2ACSR	1853	1767	1612	330	159	3	2	0.00	2.26	0
CO3704+	CO3702	2.85	8 1-	2ACSR	0	0	1604	330	57	3	2	0.00	2.26	0
OC-438170994+	CO3704	2.85	4 1-	20 N FUSE	0	0	1604	330	31	2	11	0.00	2.26	0
CO3705+	OC-438170994	2.88	4 1-	2ACSR	0	0	1593	329	31	2	1	0.00	2.26	0
CO3703+	CO3702	2.86	6 3-	2ACSR	1844	1757	1601	330	63	1	1	0.00	2.26	0
CO3700+	CO3703	2.90	3 1-	2ACSR	0	0	1588	329	26	1	1	0.00	2.26	0
OC-37425032+	CO3700	2.90	1 1-	20 N FUSE	0	0	1588	329	8	0	3	0.00	2.26	0
CO3701+	OC-37425032	2.94	1 1-	2ACSR	0	0	1577	329	8	0	0	0.00	2.26	0
CO3694+	CO3708	2.65	584 3-	1/0ACSR	1907	1826	1672	333	3961	90	39	0.03	2.27	161
CO3121+	CO3694	2.70	1 1-	4ACSR	0	0	1656	332	7	0	0	0.00	2.27	0
OC-652523128+	CO3121	2.70	0 1-	20 N FUSE	0	0	1656	332	0	0	0	0.00	2.27	0
XFMR115	CO3694	2.65	583 3-	1000 KVA 1PH AU	1723	1697	1623	176	3954	90	131	1.23	3.50	0
CO3026	XFMR115	2.69	583 3-	1/0ACSR	1709	1681	1604	176	3954	181	79	0.11	3.61	670
CO3011	CO3026	2.77	582 3-	1/0ACSR	1677	1645	1562	176	3939	180	79	0.25	3.86	1553
CO3693	CO3011	2.81	577 3-	1/0ACSR	1662	1629	1543	175	3918	180	78	0.12	3.98	717
CO3692	CO3693	2.90	577 3-	1/0ACSR	1631	1594	1502	175	3915	180	78	0.26	4.23	1594
CO3691	CO3692	2.94	575 3-	1/0ACSR	1616	1577	1482	175	3902	179	78	0.12	4.36	769
CO3010	CO3691	3.00	573 3-	4/0AAAC	1600	1559	1462	175	3890	179	45	0.09	4.45	541
CO3009	CO3010	3.09	531 3-	4/0AAAC	1575	1532	1430	174	3592	165	42	0.13	4.59	718
CO3008	CO3009	3.19	527 3-	4/0AAAC	1551	1505	1400	174	3567	164	42	0.14	4.72	726
CO3007	CO3008	3.30	475 3-	4/0AAAC	1522	1473	1363	174	3207	147	37	0.15	4.87	734

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3633	CO3007	3.39	468 3-	4/0AAAC	1502	1451	1339	173	3185	146	37	0.10	4.97	503
CO3632	CO3633	3.43	467 3-	4/0AAAC	1490	1439	1325	173	3179	146	37	0.06	5.03	294
CO3006	CO3632	3.53	462 3-	4/0AAAC	1468	1415	1298	173	3150	145	37	0.12	5.15	567
CO3090	CO3006	3.59	2 1-	4ACSR	0	0	1271	172	3	0	0	0.00	5.15	0
OC531713936	CO3090	3.59	0 1-	20 N FUSE	0	0	1271	172	0	0	0	0.00	5.15	0
CO3089	CO3006	3.59	0 1-	4ACSR	0	0	1271	172	0	0	0	0.00	5.15	0
OC1348614071	CO3089	3.59	0 1-	20 N FUSE	0	0	1271	172	0	0	0	0.00	5.15	0
CO3023	CO3006	3.64	458 3-	4/0AAAC	1443	1388	1268	173	3136	144	37	0.14	5.29	668
CO3119	CO3023	3.74	5 1-	4ACSR	0	0	1227	172	19	2	2	0.01	5.29	0
OC560474715	CO3119	3.74	0 1-	20 N FUSE	0	0	1227	172	0	0	0	0.00	5.29	0
CO3024	CO3023	3.69	452 3-	4/0AAAC	1431	1375	1254	172	3104	143	36	0.06	5.35	312
CO3003	CO3024	3.72	449 3-	4/0AAAC	1426	1370	1248	172	3082	142	36	0.03	5.38	136
CO3002	CO3003	3.81	427 3-	4/0AAAC	1406	1348	1225	172	2934	135	34	0.11	5.49	495
FD1972142344	CO3002	3.81	381 3-	_DefaultBayEqui	1406	1348	1225	172	2544	117	0	0.00	5.49	0
CO3001	FD1972142344	3.90	381 3-	4/0AAAC	1389	1330	1204	172	2544	117	30	0.08	5.57	324
OC1972142344	CO3001	3.90	378 3-	20 N FUSE	1389	1330	1204	172	2528	116	584	0.00	5.57	0
CO3586	OC1972142344	3.93	378 3-	4/0AAAC	1381	1322	1196	172	2528	116	30	0.03	5.60	139
CO3585	CO3586	4.01	378 3-	4/0AAAC	1365	1304	1177	172	2527	116	30	0.08	5.67	312
CO3583	CO3585	4.05	4 1-	4ACSR	0	0	1163	171	41	5	4	0.01	5.68	0
OC-1174440487	CO3583	4.05	3 1-	20 N FUSE	0	0	1163	171	28	4	20	0.00	5.68	0
CO3584	OC-1174440487	4.13	3 1-	4ACSR	0	0	1133	170	28	4	3	0.01	5.69	0
CO3582	CO3585	4.06	373 3-	4/0AAAC	1356	1295	1167	171	2478	114	29	0.04	5.72	171
CO3581	CO3582	4.13	373 3-	4/0AAAC	1341	1279	1151	171	2477	114	29	0.07	5.78	276
CO3580	CO3581	4.14	373 3-	4/0AAAC	1339	1277	1148	171	2475	114	29	0.01	5.79	43
CO30667	CO3580	4.21	366 3-	4/0AAAC	1327	1264	1135	171	2420	113	29	0.06	5.86	228
CO3574	CO30667	4.23	366 3-	4/0AAAC	1322	1259	1129	171	2419	113	29	0.03	5.89	99
CO1847633510	CO3574	4.31	364 3-	4/0ACSR	1305	1241	1109	171	2407	112	33	0.09	5.97	297
OC714252813	CO1847633510	4.31	360 3-	20 N FUSE	1305	1241	1109	171	2347	110	551	0.00	5.97	0
CO-1948090425	OC714252813	4.42	360 3-	4/0ACSR	1285	1220	1084	170	2347	110	32	0.11	6.08	358
CO3568	CO-1948090425	4.50	3 1-	4/0AAAC	0	0	1068	170	9	1	0	0.00	6.08	0
OC1298901616	CO3568	4.50	2 1-	20 N FUSE	0	0	1068	170	7	0	5	0.00	6.08	0
CO3569	OC1298901616	4.70	1 1-	4/0AAAC	0	0	1032	169	4	0	0	0.00	6.08	0
CO3570	CO3569	4.74	1 1-	4/0AAAC	0	0	1026	169	4	0	0	0.00	6.08	0
CO3566	OC1298901616	4.56	1 1-	2ACSR	0	0	1051	170	3	0	0	0.00	6.08	0
CO3567	CO3566	4.62	1 1-	2ACSR	0	0	1035	169	3	0	0	0.00	6.08	0
CO3565	CO-1948090425	4.46	357 3-	4/0AAAC	1277	1212	1076	170	2336	109	28	0.04	6.12	145
CO3836	CO3565	4.54	352 3-	4/0AAAC	1263	1197	1061	170	2269	106	27	0.08	6.20	257
CO3557	CO3836	4.63	6 1-	4ACSR	0	0	1031	169	26	3	3	0.01	6.22	0
OC-1899465917	CO3557	4.63	4 1-	20 N FUSE	0	0	1031	169	22	3	16	0.00	6.22	0
CO3558	OC-1899465917	4.77	4 1-	4ACSR	0	0	988	167	22	3	2	0.02	6.24	0
CO3559	CO3558	4.80	3 1-	4ACSR	0	0	981	167	22	3	2	0.00	6.24	0
CO3560	CO3559	4.84	3 1-	4ACSR	0	0	967	167	22	3	2	0.01	6.25	0
CO3561	CO3560	4.89	3 1-	4ACSR	0	0	954	166	22	3	2	0.01	6.25	0
CO3562	CO3561	5.13	2 1-	4ACSR	0	0	890	164	14	2	1	0.02	6.28	0
CO3835	CO3562	5.17	1 1-	4ACSR	0	0	878	163	6	0	1	0.00	6.28	0
CO3563	CO3562	5.22	1 1-	4ACSR	0	0	866	163	9	1	1	0.01	6.28	0
CO3564	CO3563	5.27	1 1-	4ACSR	0	0	854	162	9	1	1	0.00	6.28	0
CO3063	CO3836	4.64	345 3-	4/0AAAC	1246	1180	1043	170	2240	105	27	0.10	6.30	314
CO3556	CO3063	4.77	341 3-	4/0AAAC	1225	1157	1020	169	2233	104	27	0.12	6.42	406
CO3555	CO3556	4.92	340 3-	4/0AAAC	1200	1132	994	169	2221	104	26	0.14	6.56	473
CO3554	CO3555	5.07	339 3-	4/0AAAC	1178	1110	971	168	2206	103	26	0.13	6.70	433
CO3548	CO3554	5.13	3 1-	4/0AAAC	0	0	962	168	13	1	0	0.00	6.70	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1003869023	CO3548	5.13	3 1-	20 N FUSE	0	0	962	168	13	1	10	0.00	6.70	0
CO3549	OC-1003869023	5.21	2 1-	4/0AAAC	0	0	950	168	13	1	0	0.00	6.70	0
CO3550	CO3549	5.26	2 1-	4/0AAAC	0	0	943	168	13	1	0	0.00	6.70	0
CO3551	CO3550	5.27	2 1-	4/0AAAC	0	0	941	168	13	1	0	0.00	6.70	0
CO3552	CO3551	5.31	1 1-	4/0AAAC	0	0	935	168	6	0	0	0.00	6.70	0
CO3553	CO3552	5.35	0 1-	4/0AAAC	0	0	929	168	0	0	0	0.00	6.70	0
CO3180	OC-1003869023	5.18	1 1-	4ACSR	0	0	946	168	0	0	0	0.00	6.70	0
CO3546	CO3554	5.16	1 1-	4ACSR	0	0	945	167	2	0	0	0.00	6.70	0
OC1705047778	CO3546	5.16	0 1-	20 N FUSE	0	0	945	167	0	0	0	0.00	6.70	0
CO3547	OC1705047778	5.21	0 1-	4ACSR	0	0	933	167	0	0	0	0.00	6.70	0
CO3545	CO3554	5.12	334 3-	4/0AAAC	1171	1102	964	168	2179	102	26	0.05	6.74	148
CO3544	CO3545	5.17	333 3-	4/0AAAC	1163	1093	955	168	2169	102	26	0.05	6.79	168
CO3542	CO3544	5.27	4 1-	4ACSR	0	0	930	167	13	1	1	0.01	6.80	0
OC676805777	CO3542	5.27	3 1-	20 N FUSE	0	0	930	167	13	1	9	0.00	6.80	0
CO3543	OC676805777	5.28	3 1-	4ACSR	0	0	927	167	13	1	1	0.00	6.80	0
CO3179	CO3544	5.26	1 1-	4ACSR	0	0	933	167	16	2	2	0.00	6.80	0
OC-1188327173	CO3179	5.26	0 1-	20 N FUSE	0	0	933	167	0	0	0	0.00	6.80	0
CO3062	CO3544	5.22	327 3-	4/0AAAC	1156	1086	948	168	2132	100	25	0.04	6.84	134
CO3540	CO3062	5.36	1 1-	4ACSR	0	0	911	166	7	1	1	0.01	6.84	0
OC644881443	CO3540	5.36	1 1-	20 N FUSE	0	0	911	166	7	1	5	0.00	6.84	0
CO3541	OC644881443	5.47	0 1-	4ACSR	0	0	885	165	0	0	0	0.00	6.84	0
CO3177	OC644881443	5.41	1 1-	4ACSR	0	0	899	166	7	1	1	0.00	6.84	0
CO3478	CO3062	5.34	324 3-	4/0AAAC	1138	1068	930	168	2096	98	25	0.11	6.94	338
CO3477	CO3478	5.44	324 3-	4/0AAAC	1125	1055	917	167	2095	98	25	0.08	7.03	260
CO3475	CO3477	5.48	2 1-	4ACSR	0	0	905	167	5	0	0	0.00	7.03	0
OC-1403761870	CO3475	5.48	2 1-	20 N FUSE	0	0	905	167	5	0	3	0.00	7.03	0
CO3476	OC-1403761870	5.56	1 1-	4ACSR	0	0	887	166	5	0	0	0.00	7.03	0
CO3474	CO3476	5.59	1 1-	4ACSR	0	0	880	166	5	0	0	0.00	7.03	0
CO3195	OC-1403761870	5.54	1 1-	4ACSR	0	0	892	166	0	0	0	0.00	7.03	0
CO3069	CO3477	5.63	319 3-	4/0AAAC	1099	1029	891	167	2068	97	25	0.16	7.19	512
CO3472	CO3069	5.69	3 1-	4/0ACSR	0	0	882	167	19	2	1	0.00	7.19	0
CO3473	CO3472	5.75	1 1-	4/0ACSR	0	0	874	166	7	1	0	0.00	7.19	0
CO3204	CO3473	5.79	1 1-	2ACSR	0	0	866	166	7	1	1	0.00	7.19	0
CO3142	CO3472	5.74	1 1-	4ACSR	0	0	871	166	11	1	1	0.00	7.20	0
CO3146	CO3069	5.66	0 1-	4ACSR	0	0	882	166	0	0	0	0.00	7.19	0
CO3821	CO3069	5.63	315 3-	4/0ACSR	1098	1028	890	167	2046	96	28	0.01	7.20	18
OC103	CO3821	5.63	315 3-	70 L OCR	1098	1028	890	167	2046	96	138	0.00	7.20	0
CO3822	OC103	5.75	315 3-	4/0ACSR	1082	1011	874	166	2046	96	28	0.10	7.30	312
CO3479	CO3822	5.84	301 3-	4/0ACSR	1069	998	861	166	1965	92	27	0.08	7.38	229
CO3480	CO3479	5.89	300 3-	4/0ACSR	1062	991	855	166	1964	92	27	0.04	7.42	123
CO3147	CO3480	5.93	2 1-	4/0ACSR	0	0	850	166	7	1	0	0.00	7.42	0
CO3043	CO3480	5.97	298 3-	4/0ACSR	1052	981	845	166	1956	92	27	0.06	7.48	186
CO3492	CO3043	6.02	6 1-	4ACSR	0	0	834	165	42	6	4	0.01	7.50	0
CO3493	CO3492	6.05	5 1-	4ACSR	0	0	827	165	39	5	4	0.01	7.51	0
CO3494	CO3493	6.08	5 1-	4ACSR	0	0	820	165	39	5	4	0.01	7.51	0
CO3495	CO3494	6.13	4 1-	4ACSR	0	0	811	164	27	3	3	0.01	7.52	0
CO3496	CO3495	6.17	3 1-	4ACSR	0	0	802	164	21	3	2	0.01	7.53	0
CO3498	CO3496	6.23	2 1-	4ACSR	0	0	791	163	15	2	2	0.00	7.53	0
CO3497	CO3498	6.25	1 1-	4ACSR	0	0	787	163	6	0	1	0.00	7.53	0
CO3064	CO3043	6.05	291 3-	4/0ACSR	1040	970	834	165	1911	90	27	0.07	7.55	195
CO3499	CO3064	6.06	291 3-	4/0ACSR	1040	969	833	165	1910	90	27	0.01	7.56	16
CA54	CO3499	6.06	0 3-	Capacitor	1040	969	833	165	0	-13	0	0.00	7.56	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3501	CO3499	6.11	1 1-	1/0PRIURD	0	0	825	367	11	1	1	0.00	7.56	0
CO3500	CO3499	6.06	290 3-	4/0ACSR	1039	968	832	165	1898	92	27	0.01	7.56	19
CO3182	CO3500	6.14	2 1-	4ACSR	0	0	818	165	13	1	1	0.00	7.57	0
CO3065	CO3500	6.09	288 3-	4/0ACSR	1035	965	829	165	1885	91	27	0.02	7.59	57
CO3066	CO3065	6.11	288 3-	4/0ACSR	1033	963	827	165	1885	91	27	0.02	7.60	42
CO3192	CO3066	6.13	1 1-	4ACSR	0	0	822	165	3	0	0	0.00	7.60	0
CO3072	CO3066	6.14	287 3-	4ACSR	1027	955	821	165	1881	91	66	0.11	7.71	367
CO3502	CO3072	6.19	1 1-	4ACSR	0	0	810	164	6	0	1	0.00	7.72	0
CO3503	CO3502	6.21	1 1-	4ACSR	0	0	807	164	6	0	1	0.00	7.72	0
CO3181	CO3072	6.21	2 1-	4ACSR	0	0	807	164	12	1	1	0.00	7.72	0
CO3067	CO3072	6.16	284 3-	4/0ACSR	1024	952	818	165	1862	90	27	0.02	7.74	56
CO3504	CO3067	6.19	4 1-	4ACSR	0	0	811	165	20	2	2	0.00	7.74	0
CO3505	CO3504	6.24	1 1-	4ACSR	0	0	802	164	4	0	0	0.00	7.74	0
CO-1328436898	CO3504	6.24	1 1-	2ACSR	0	0	803	164	3	0	0	0.00	7.74	0
CO3823	CO3067	6.17	280 3-	4/0ACSR	1023	951	817	165	1841	89	26	0.01	7.74	15
OC107	CO3823	6.17	280 3-	70 L OCR	1023	951	817	165	1841	89	128	0.00	7.74	0
CO3824	OC107	6.47	280 3-	4/0ACSR	986	915	783	164	1841	89	26	0.29	8.03	700
CO3506	CO3824	6.48	280 3-	4/0ACSR	984	913	781	164	1838	89	26	0.01	8.04	27
CO3508	CO3506	6.56	46 1-	2ACSR	0	0	769	163	322	47	26	0.12	8.17	63
OC-1094687368	CO3508	6.56	46 1-	20 N FUSE	0	0	769	163	322	47	236	0.00	8.17	0
CO3509	OC-1094687368	6.61	46 1-	2ACSR	0	0	762	163	322	47	26	0.07	8.24	37
CO3513	CO3509	6.72	45 1-	2ACSR	0	0	746	162	319	46	26	0.16	8.40	83
CO3512	CO3513	6.81	44 1-	2ACSR	0	0	732	162	309	45	25	0.14	8.55	71
CO3511	CO3512	6.92	44 1-	2ACSR	0	0	717	161	309	45	25	0.15	8.70	75
CO3510	CO3511	6.95	44 1-	2ACSR	0	0	713	161	309	45	25	0.05	8.75	24
CO8259	CO3510	7.02	44 1-	2ACSR	0	0	704	160	309	45	25	0.10	8.84	47
OC-2125954276	CO8259	7.02	44 1-	20 N FUSE	0	0	704	160	308	45	227	0.00	8.84	0
CO4988	OC-2125954276	7.06	44 1-	2ACSR	0	0	698	160	308	45	25	0.06	8.91	31
CO4992	CO4988	7.09	3 1-	2ACSR	0	0	694	160	15	2	1	0.00	8.91	0
CO4993	CO4992	7.12	3 1-	2ACSR	0	0	690	160	15	2	1	0.00	8.91	0
CO4994	CO4993	7.16	2 1-	2ACSR	0	0	685	159	8	1	1	0.00	8.91	0
CO4995	CO4994	7.21	2 1-	2ACSR	0	0	680	159	8	1	1	0.00	8.91	0
CO4996	CO4995	7.27	2 1-	2ACSR	0	0	672	159	8	1	1	0.00	8.92	0
CO4997	CO4996	7.32	1 1-	2ACSR	0	0	666	158	8	1	1	0.00	8.92	0
CO4998	CO4997	7.36	0 1-	2ACSR	0	0	661	158	0	0	0	0.00	8.92	0
CO4999	CO4998	7.46	0 1-	2ACSR	0	0	650	157	0	0	0	0.00	8.92	0
CO4802	CO4997	7.36	1 1-	2ACSR	0	0	661	158	8	1	1	0.00	8.92	0
CO4989	CO4988	7.17	39 1-	2ACSR	0	0	685	159	278	41	23	0.14	9.05	61
CO4991	CO4989	7.22	36 1-	2ACSR	0	0	678	159	255	37	21	0.07	9.11	27
CO4990	CO4991	7.32	36 1-	2ACSR	0	0	666	158	255	37	21	0.12	9.24	51
CO5001	CO4990	7.40	34 1-	4ACSR	0	0	655	157	240	35	25	0.12	9.36	51
CO5000	CO5001	7.43	34 1-	4ACSR	0	0	651	157	240	35	25	0.05	9.41	20
CO8264	CO5000	7.63	16 1-	2ACSR	0	0	629	156	129	19	11	0.12	9.53	23
CO8387	CO8264	7.69	12 1-	2ACSR	0	0	622	156	102	15	8	0.03	9.55	5
#SW112-B	CO8387	7.69	0 1-	Open	0	0	622	156	0	0	0	0.00	9.55	0
CO3734	CO8387	7.71	11 1-	2ACSR	0	0	620	155	94	13	8	0.01	9.57	0
CO8265	CO3734	7.76	11 1-	2ACSR	0	0	615	155	94	13	8	0.02	9.58	3
CO5019	CO8265	7.82	11 1-	2ACSR	0	0	609	155	94	13	8	0.03	9.61	4
CO5020	CO5019	7.90	11 1-	2ACSR	0	0	601	154	94	13	8	0.04	9.65	6
CO5023	CO5020	7.96	8 1-	2ACSR	0	0	595	154	64	9	5	0.02	9.67	0
CO5024	CO5023	8.00	6 1-	2ACSR	0	0	591	154	50	7	4	0.01	9.67	0
CO5028	CO5024	8.00	4 1-	2ACSR	0	0	591	154	35	5	3	0.00	9.67	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5029	CO5028	8.06	1 1-	2ACSR	0	0	585	153	9	1	1	0.00	9.68	0
CO5027	CO5029	8.13	1 1-	2ACSR	0	0	578	153	9	1	1	0.00	9.68	0
CO5038	CO5027	8.17	1 1-	1/0PRIURD	0	0	576	305	9	1	1	0.00	9.68	0
CO5025	CO5028	8.05	3 1-	2ACSR	0	0	587	153	26	3	2	0.00	9.68	0
CO5026	CO5025	8.08	2 1-	2ACSR	0	0	584	153	17	2	1	0.00	9.68	0
CO1684014276	CO5024	8.09	1 1-	2ACSR	0	0	583	153	7	1	1	0.00	9.67	0
CO5021	CO5020	7.94	3 1-	2ACSR	0	0	596	154	29	4	2	0.01	9.65	0
CO5022	CO5021	7.98	2 1-	2ACSR	0	0	593	154	19	2	2	0.00	9.66	0
CO-2114293525	CO5022	8.02	1 1-	1/0PRIURD	0	0	590	309	9	1	1	0.00	9.66	0
CO3216	CO8264	7.69	1 1-	2ACSR	0	0	622	156	12	1	1	0.00	9.53	0
CO4748	CO5000	7.51	18 1-	4ACSR	0	0	639	156	111	16	12	0.06	9.47	11
CO5004	CO4748	7.56	15 1-	4ACSR	0	0	633	156	97	14	10	0.03	9.50	5
CO5005	CO5004	7.57	15 1-	4ACSR	0	0	631	156	96	14	10	0.01	9.51	0
CO5006	CO5005	7.67	13 1-	4ACSR	0	0	618	155	88	13	9	0.06	9.57	8
CO5007	CO5006	7.71	1 1-	4ACSR	0	0	613	155	6	0	1	0.00	9.57	0
CO5008	CO5007	7.75	1 1-	4ACSR	0	0	609	154	6	0	1	0.00	9.57	0
CO4749	CO5006	7.77	11 1-	4ACSR	0	0	606	154	72	10	8	0.04	9.61	5
CO5011	CO4749	7.82	5 1-	4ACSR	0	0	600	154	21	3	2	0.01	9.62	0
CO5012	CO5011	7.83	5 1-	4ACSR	0	0	599	154	21	3	2	0.00	9.62	0
CO5014	CO5012	7.90	5 1-	4ACSR	0	0	590	153	21	3	2	0.01	9.63	0
CO5015	CO5014	8.03	3 1-	4ACSR	0	0	575	152	14	2	2	0.01	9.64	0
CO5017	CO5015	8.08	2 1-	4ACSR	0	0	569	151	8	1	1	0.00	9.65	0
CO5018	CO5017	8.16	2 1-	4ACSR	0	0	561	151	8	1	1	0.00	9.65	0
CO5016	CO5015	8.07	1 1-	4ACSR	0	0	571	151	6	0	1	0.00	9.64	0
CO5013	CO5014	7.95	2 1-	4ACSR	0	0	584	152	7	1	1	0.00	9.63	0
CO5009	CO4749	7.85	2 1-	4ACSR	0	0	596	153	10	1	1	0.01	9.62	0
CO5010	CO5009	7.95	1 1-	4ACSR	0	0	585	152	2	0	0	0.00	9.62	0
CO4783	CO5009	7.91	1 1-	4ACSR	0	0	589	153	8	1	1	0.00	9.62	0
CO4784	CO4749	7.79	1 1-	4ACSR	0	0	603	154	10	1	1	0.00	9.61	0
CO4782	CO4749	7.79	2 1-	4ACSR	0	0	604	154	22	3	2	0.00	9.61	0
CO5002	CO4748	7.56	1 1-	4ACSR	0	0	633	156	4	0	0	0.00	9.47	0
CO5003	CO5002	7.58	1 1-	4ACSR	0	0	631	156	4	0	0	0.00	9.47	0
CO4781	CO4990	7.51	2 1-	4ACSR	0	0	639	156	15	2	2	0.01	9.25	0
CO4797	CO4989	7.21	1 1-	2ACSR	0	0	680	159	12	1	1	0.00	9.05	0
CO3208	CO3509	6.64	0 1-	2ACSR	0	0	757	163	0	0	0	0.00	8.24	0
CO3507	CO3506	6.51	233 3-	4/0ACSR	981	910	778	164	1507	73	22	0.02	8.07	49
CO3514	CO3507	6.60	231 3-	4/0ACSR	970	900	768	164	1501	73	22	0.07	8.13	133
CO3515	CO3514	6.63	228 3-	4/0ACSR	966	896	765	164	1472	72	21	0.03	8.16	53
CO3518	CO3515	6.67	227 3-	4/0ACSR	962	892	761	163	1469	71	21	0.03	8.19	51
CO3519	CO3518	6.75	226 3-	4/0ACSR	953	882	752	163	1467	71	21	0.06	8.25	124
CO3520	CO3519	6.78	222 3-	4/0ACSR	950	879	749	163	1412	69	20	0.02	8.27	40
CO3521	CO3520	6.82	219 3-	4/0ACSR	945	875	745	163	1406	68	20	0.03	8.30	54
CO3825	CO3521	6.83	16 1-	4ACSR	0	0	744	163	89	13	9	0.00	8.31	0
OC99	CO3825	6.83	16 1-	10 N FUSE	0	0	744	163	89	13	131	0.00	8.31	0
CO3826	OC99	6.89	16 1-	4ACSR	0	0	733	162	89	13	9	0.04	8.35	6
CO3522	CO3826	6.98	14 1-	4ACSR	0	0	720	161	83	12	9	0.05	8.39	7
CO3523	CO3522	7.07	14 1-	4ACSR	0	0	704	160	83	12	9	0.05	8.45	8
CO3186	CO3523	7.14	1 1-	4ACSR	0	0	693	160	0	0	0	0.00	8.45	0
CO3077	CO3523	7.16	13 1-	2ACSR	0	0	692	160	83	12	7	0.03	8.48	4
CO3524	CO3077	7.21	7 1-	4ACSR	0	0	685	159	41	6	4	0.01	8.49	0
CO3525	CO3524	7.28	4 1-	4ACSR	0	0	675	159	23	3	2	0.01	8.50	0
CO3526	CO3525	7.38	3 1-	4ACSR	0	0	661	158	21	3	2	0.01	8.51	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3527	CO3526	7.40	2 1-	4ACSR	0	0	657	158	13	1	1	0.00	8.52	0
CO3528	CO3527	7.42	1 1-	4ACSR	0	0	654	157	2	0	0	0.00	8.52	0
CO3187	CO3526	7.44	1 1-	4ACSR	0	0	653	157	8	1	1	0.00	8.52	0
CO3189	CO3077	7.23	1 1-	4ACSR	0	0	682	159	17	2	2	0.00	8.48	0
CO3188	CO3077	7.23	1 1-	4ACSR	0	0	682	159	11	1	1	0.00	8.48	0
CO3185	CO3826	6.92	1 1-	4ACSR	0	0	729	162	6	0	1	0.00	8.35	0
CO3184	CO3826	7.05	1 1-	4ACSR	0	0	708	161	0	0	0	0.00	8.35	0
CO3068	CO3521	6.85	203 3-	4/0ACSR	943	872	743	163	1316	64	19	0.02	8.32	28
CO3534	CO3068	6.94	195 3-	4/0ACSR	932	862	733	163	1264	61	18	0.06	8.38	107
CO3535	CO3534	6.99	194 3-	4/0ACSR	927	857	729	162	1259	61	18	0.03	8.41	50
CO3538	CO3535	7.02	192 3-	4/0ACSR	924	854	725	162	1235	60	18	0.02	8.44	38
CO3539	CO3538	7.06	192 3-	4/0ACSR	920	850	722	162	1235	60	18	0.02	8.46	37
CO8252	CO3539	7.13	67 1-	4ACSR	0	0	711	162	501	73	53	0.24	8.70	206
OC2088591605	CO8252	7.13	67 1-	20 N FUSE	0	0	711	162	500	73	369	0.00	8.70	0
CO4944	OC2088591605	7.15	3 1-	4ACSR	0	0	707	161	21	3	2	0.00	8.70	0
CO4786	CO4944	7.24	2 1-	4ACSR	0	0	694	160	12	1	1	0.00	8.71	0
CO4945	CO4944	7.19	1 1-	4ACSR	0	0	702	161	9	1	1	0.00	8.71	0
CO4942	OC2088591605	7.32	64 1-	4ACSR	0	0	682	160	480	70	50	0.63	9.33	512
CO4943	CO4942	7.36	64 1-	4ACSR	0	0	677	159	477	70	50	0.11	9.44	90
CO4946	CO4943	7.43	3 1-	4ACSR	0	0	666	159	26	3	3	0.01	9.45	0
CO4947	CO4946	7.44	3 1-	4ACSR	0	0	665	159	26	3	3	0.00	9.45	0
CO4948	CO4947	7.49	3 1-	4ACSR	0	0	658	158	26	3	3	0.01	9.46	0
CO4949	CO4948	7.56	3 1-	4ACSR	0	0	648	157	26	3	3	0.01	9.47	0
CO4950	CO4949	7.63	1 1-	4ACSR	0	0	638	157	8	1	1	0.00	9.47	0
CO4940	CO4943	7.40	60 1-	4ACSR	0	0	670	159	447	66	47	0.15	9.58	111
CO4941	CO4940	7.44	60 1-	4ACSR	0	0	665	159	446	66	47	0.11	9.69	83
CO4939	CO4941	7.53	60 1-	4ACSR	0	0	651	158	446	66	47	0.29	9.98	218
CO4937	CO4939	7.63	59 1-	4ACSR	0	0	638	157	435	64	46	0.28	10.26	212
CO4938	CO4937	7.68	59 1-	4ACSR	0	0	632	156	434	64	46	0.14	10.41	107
CO17306	CO4938	7.79	57 1-	4ACSR	0	0	617	155	412	61	44	0.32	10.73	227
CO4936	CO17306	7.83	56 1-	4ACSR	0	0	612	155	407	61	44	0.12	10.85	83
CO4935	CO4936	7.89	55 1-	4ACSR	0	0	605	154	393	58	42	0.14	10.99	98
CO4934	CO4935	8.01	54 1-	4ACSR	0	0	591	153	385	57	41	0.31	11.31	207
CO4933	CO4934	8.12	53 1-	4ACSR	0	0	578	152	373	56	40	0.28	11.59	178
CO4932	CO4933	8.18	50 1-	4ACSR	0	0	571	152	347	52	37	0.14	11.73	85
CO4931	CO4932	8.29	48 1-	4ACSR	0	0	558	151	335	50	36	0.27	12.00	157
CO4930	CO4931	8.34	47 1-	4ACSR	0	0	553	150	326	49	35	0.10	12.10	59
CO4929	CO4930	8.40	2 1-	4ACSR	0	0	547	150	4	0	0	0.00	12.10	0
CO4928	CO4930	8.41	1 1-	4ACSR	0	0	546	150	10	1	1	0.00	12.10	0
CO5036	CO4930	8.40	0 1-	4ACSR	0	0	547	150	0	0	0	0.00	12.10	0
CO5037	CO5036	8.41	0 1-	4ACSR	0	0	546	150	0	0	0	0.00	12.10	0
CO4745	CO4930	8.46	44 1-	4ACSR	0	0	541	149	312	47	34	0.25	12.35	135
CO4953	CO4745	8.55	9 1-	4ACSR	0	0	531	149	61	9	7	0.03	12.38	3
CO4777	CO4953	8.62	3 1-	4ACSR	0	0	524	148	23	3	2	0.01	12.39	0
CO4954	CO4953	8.61	1 1-	4ACSR	0	0	525	148	11	1	1	0.00	12.39	0
CO4955	CO4954	8.69	1 1-	4ACSR	0	0	518	147	11	1	1	0.00	12.39	0
CO4951	CO4745	8.51	2 1-	4ACSR	0	0	536	149	30	4	3	0.01	12.36	0
CO4952	CO4951	8.54	1 1-	4ACSR	0	0	532	149	14	2	1	0.00	12.36	0
CO4746	CO4745	8.58	29 1-	4ACSR	0	0	529	148	202	30	22	0.16	12.51	54
CO17305	CO4746	8.63	26 1-	4ACSR	0	0	524	148	183	27	20	0.07	12.58	22
OC-1937327248	CO17305	8.63	25 1-	20 N FUSE	0	0	524	148	171	26	130	0.00	12.58	0
CO4956	OC-1937327248	8.74	25 1-	4ACSR	0	0	513	147	171	26	19	0.13	12.71	37

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4752	CO4956	8.98	2 1-	4ACSR	0	0	492	145	15	2	2	0.02	12.73	0
CO4793	CO4752	9.03	2 1-	4ACSR	0	0	488	145	15	2	2	0.00	12.74	0
CO-1290982428	CO4793	9.06	1 1-	2ACSR	0	0	485	144	8	1	1	0.00	12.74	0
CO4957	CO4752	9.15	0 1-	4ACSR	0	0	477	144	0	0	0	0.00	12.73	0
CO4958	CO4957	9.22	0 1-	4ACSR	0	0	472	143	0	0	0	0.00	12.73	0
CO4959	CO4956	8.77	22 1-	4ACSR	0	0	510	147	146	22	16	0.03	12.74	7
CO4960	CO4959	8.88	19 1-	4ACSR	0	0	500	146	127	19	14	0.10	12.83	21
CO4961	CO4960	8.91	3 1-	4ACSR	0	0	498	146	11	1	1	0.00	12.84	0
CO4962	CO4961	8.93	1 1-	4ACSR	0	0	496	145	8	1	1	0.00	12.84	0
CO4963	CO4962	8.98	1 1-	4ACSR	0	0	492	145	8	1	1	0.00	12.84	0
CO4792	CO4963	9.03	0 1-	4ACSR	0	0	488	145	0	0	0	0.00	12.84	0
CO4964	CO4963	9.11	0 1-	4ACSR	0	0	480	144	0	0	0	0.00	12.84	0
CO4965	CO4964	9.23	0 1-	4ACSR	0	0	471	143	0	0	0	0.00	12.84	0
CO4751	CO4960	9.03	15 1-	4ACSR	0	0	488	145	106	16	12	0.10	12.94	19
CO4787	CO4751	9.10	2 1-	4ACSR	0	0	482	144	20	3	2	0.01	12.94	0
CO4966	CO4751	9.13	12 1-	4ACSR	0	0	479	144	82	12	9	0.05	12.99	7
CO4967	CO4966	9.18	9 1-	4ACSR	0	0	475	143	59	9	6	0.02	13.01	0
CO4788	CO4967	9.22	0 1-	4ACSR	0	0	472	143	0	0	0	0.00	13.01	0
CO4968	CO4967	9.23	8 1-	4ACSR	0	0	471	143	51	7	6	0.02	13.03	0
CO4969	CO4968	9.28	6 1-	4ACSR	0	0	467	143	41	6	4	0.01	13.04	0
CO4970	CO4969	9.35	4 1-	4ACSR	0	0	462	142	23	3	3	0.01	13.05	0
CO4975	CO4970	9.42	2 1-	4ACSR	0	0	456	142	19	2	2	0.01	13.05	0
CO4976	CO4975	9.45	1 1-	4ACSR	0	0	453	141	3	0	0	0.00	13.05	0
CO4971	CO4976	9.64	1 1-	4ACSR	0	0	440	140	3	0	0	0.00	13.06	0
CO4972	CO4971	9.76	1 1-	4ACSR	0	0	431	139	3	0	0	0.00	13.06	0
CO4973	CO4972	9.87	1 1-	4ACSR	0	0	424	138	3	0	0	0.00	13.06	0
CO4974	CO4973	9.91	1 1-	4ACSR	0	0	421	138	3	0	0	0.00	13.06	0
CO4977	CO4974	9.98	1 1-	4ACSR	0	0	416	137	3	0	0	0.00	13.06	0
CO4978	CO4977	10.04	1 1-	4ACSR	0	0	413	137	3	0	0	0.00	13.06	0
CO4789	CO4970	9.53	1 1-	4ACSR	0	0	447	141	0	0	0	0.00	13.05	0
CO3834	CO3539	7.37	124 1-	4ACSR	0	0	675	159	724	106	76	1.52	9.98	1874
CO8260	CO3834	7.45	123 1-	4ACSR	0	0	663	158	714	106	76	0.41	10.39	498
CO4881	CO8260	7.70	121 1-	4ACSR	0	0	629	156	703	105	75	1.21	11.60	1473
CO4880	CO4881	7.72	121 1-	4ACSR	0	0	626	156	696	105	75	0.12	11.72	140
CO4878	CO4880	7.79	1 1-	4ACSR	0	0	617	155	2	0	0	0.00	11.72	0
CO4879	CO4878	7.89	1 1-	4ACSR	0	0	605	154	2	0	0	0.00	11.72	0
CO4876	CO4880	7.76	118 1-	4ACSR	0	0	621	156	685	103	74	0.19	11.91	224
CO4877	CO4876	7.79	118 1-	4ACSR	0	0	617	155	684	103	74	0.15	12.06	179
CO4874	CO4877	7.84	2 1-	4ACSR	0	0	611	155	10	1	1	0.00	12.06	0
CO4875	CO4874	7.89	1 1-	4ACSR	0	0	605	154	4	0	0	0.00	12.06	0
CO4872	CO4877	7.83	113 1-	4ACSR	0	0	612	155	647	98	70	0.16	12.22	182
CO4873	CO4872	7.89	112 1-	4ACSR	0	0	605	154	640	97	69	0.26	12.48	293
CO4870	CO4873	7.93	4 1-	4ACSR	0	0	599	154	18	2	2	0.01	12.49	0
CO4871	CO4870	8.05	3 1-	4ACSR	0	0	585	153	17	2	2	0.01	12.49	0
CO4868	CO4873	7.94	103 1-	4ACSR	0	0	599	154	596	90	65	0.22	12.70	230
CO4869	CO4868	7.99	102 1-	4ACSR	0	0	593	153	594	90	65	0.21	12.91	215
CO4867	CO4869	8.12	101 1-	4ACSR	0	0	577	152	590	90	64	0.55	13.46	573
CO4866	CO4867	8.24	100 1-	4ACSR	0	0	564	151	585	89	64	0.50	13.96	520
CO4768	CO4866	8.31	1 1-	4ACSR	0	0	556	151	10	1	1	0.00	13.96	0
CO4740	CO4866	8.29	97 1-	4ACSR	0	0	559	151	566	87	62	0.19	14.15	193
CO4864	CO4740	8.31	4 1-	4ACSR	0	0	556	151	3	0	0	0.00	14.15	0
OC29558313	CO4864	8.31	3 1-	20 N FUSE	0	0	556	151	3	0	2	0.00	14.15	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4865	OC29558313	8.70	3 1-	4ACSR	0	0	517	147	3	0	0	0.01	14.16	0
CO8256	CO4865	8.89	1 1-	4ACSR	0	0	499	146	0	0	0	0.00	14.16	0
CO3685	CO8256	8.93	1 1-	4ACSR	0	0	496	145	0	0	0	0.00	14.16	0
CO8255	CO4865	8.81	2 1-	4ACSR	0	0	507	146	3	0	0	0.00	14.16	0
CO4741	CO4740	8.46	93 1-	4ACSR	0	0	541	149	563	86	62	0.67	14.82	670
CO4769	CO4741	8.51	1 1-	4ACSR	0	0	535	149	5	0	1	0.00	14.82	0
CO4742	CO4741	8.50	92 1-	4ACSR	0	0	536	149	555	86	62	0.19	15.01	183
CO4770	CO4742	8.56	2 1-	4ACSR	0	0	530	148	17	2	2	0.00	15.01	0
CO4743	CO4742	8.55	87 1-	4ACSR	0	0	532	149	519	80	58	0.18	15.18	165
CO4862	CO4743	8.63	86 1-	4ACSR	0	0	524	148	517	80	58	0.30	15.48	276
CO4863	CO4862	8.75	84 1-	4ACSR	0	0	512	147	510	79	57	0.45	15.93	410
CO4848	CO4863	8.79	16 1-	4ACSR	0	0	509	147	102	16	11	0.03	15.95	5
CO4849	CO4848	8.81	15 1-	4ACSR	0	0	506	146	99	15	11	0.02	15.97	3
CO-1883807208	CO4849	8.90	0 1-	2ACSR	0	0	500	146	0	0	0	0.00	15.97	0
CO4850	CO4849	8.89	13 1-	4ACSR	0	0	500	146	99	15	11	0.05	16.02	8
CO4861	CO4850	8.94	12 1-	4ACSR	0	0	495	145	84	13	9	0.03	16.05	5
CO4857	CO4861	9.00	10 1-	4ACSR	0	0	490	145	63	9	7	0.03	16.08	3
CO4858	CO4857	9.04	9 1-	4ACSR	0	0	487	145	61	9	7	0.01	16.09	0
CO4851	CO4858	9.05	8 1-	4ACSR	0	0	485	144	48	7	5	0.01	16.10	0
CO4852	CO4851	9.08	7 1-	4ACSR	0	0	483	144	41	6	5	0.01	16.10	0
CO4853	CO4852	9.11	5 1-	4ACSR	0	0	480	144	17	2	2	0.00	16.11	0
CO4859	CO4853	9.15	3 1-	4ACSR	0	0	477	144	12	1	1	0.00	16.11	0
CO4860	CO4859	9.19	1 1-	4ACSR	0	0	474	143	8	1	1	0.00	16.11	0
CO1648782096	CO4859	9.18	1 1-	1/0PRIURD	0	0	476	270	3	0	0	0.00	16.11	0
CO4772	CO4853	9.15	1 1-	4ACSR	0	0	477	144	1	0	0	0.00	16.11	0
CO4854	CO4861	9.03	2 1-	2ACSR	0	0	489	145	22	3	2	0.01	16.06	0
CO4855	CO4854	9.09	2 1-	2ACSR	0	0	485	144	22	3	2	0.00	16.07	0
CO4856	CO4855	9.16	1 1-	2ACSR	0	0	480	144	11	1	1	0.00	16.07	0
CO4846	CO4863	8.83	68 1-	4ACSR	0	0	505	146	406	63	45	0.22	16.14	159
CO4847	CO4846	8.88	66 1-	4ACSR	0	0	500	146	397	62	45	0.16	16.30	114
CO4844	CO4847	8.92	64 1-	4ACSR	0	0	497	145	382	60	43	0.10	16.40	68
CO4845	CO4844	8.93	62 1-	4ACSR	0	0	496	145	369	58	41	0.04	16.44	26
CO4840	CO4845	9.02	4 1-	4ACSR	0	0	488	145	36	5	4	0.02	16.46	0
CO4841	CO4840	9.03	4 1-	4ACSR	0	0	487	145	36	5	4	0.00	16.47	0
CO4842	CO4841	9.12	3 1-	4ACSR	0	0	480	144	27	4	3	0.02	16.48	0
CO4843	CO4842	9.16	1 1-	4ACSR	0	0	476	144	7	1	1	0.00	16.48	0
CO4804	CO4842	9.16	1 1-	2ACSR	0	0	477	144	17	2	1	0.00	16.48	0
CO4838	CO4845	8.96	58 1-	4ACSR	0	0	493	145	332	52	37	0.07	16.51	43
CO4839	CO4838	9.00	56 1-	4ACSR	0	0	490	145	321	50	36	0.09	16.60	50
CO4836	CO4839	9.07	3 1-	4ACSR	0	0	484	144	23	3	3	0.01	16.61	0
CO4837	CO4836	9.10	1 1-	4ACSR	0	0	482	144	9	1	1	0.00	16.61	0
CO4803	CO4836	9.13	1 1-	4ACSR	0	0	479	144	6	0	1	0.00	16.61	0
CO4744	CO4839	9.11	51 1-	4ACSR	0	0	481	144	290	45	33	0.23	16.82	120
CO5032	CO4744	9.11	44 1-	4ACSR	0	0	480	144	215	34	24	0.01	16.84	4
OC133	CO5032	9.11	44 1-	50 L OCR	0	0	480	144	215	34	0	0.00	16.84	0
CO5033	OC133	9.20	44 1-	4ACSR	0	0	473	143	215	34	24	0.14	16.97	54
CO4817	CO5033	9.27	44 1-	4ACSR	0	0	468	143	215	34	24	0.11	17.08	41
CO4816	CO4817	9.49	43 1-	4ACSR	0	0	451	141	214	33	24	0.34	17.42	132
CO4812	CO4816	9.58	41 1-	4ACSR	0	0	444	140	199	31	23	0.13	17.55	45
CO4814	CO4812	9.63	2 1-	2ACSR	0	0	441	140	11	1	1	0.00	17.55	0
CO4815	CO4814	9.64	2 1-	2ACSR	0	0	441	140	11	1	1	0.00	17.55	0
CO4813	CO4812	9.63	37 1-	4ACSR	0	0	441	140	165	26	19	0.06	17.61	18

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4810	CO4813	9.70	5 1-	4ACSR	0	0	436	139	47	7	5	0.02	17.63	0
CO4811	CO4810	9.86	1 1-	4ACSR	0	0	424	138	14	2	2	0.01	17.63	0
CO4796	CO4810	9.78	1 1-	2ACSR	0	0	431	139	10	1	1	0.00	17.63	0
CO4774	CO4810	9.79	1 1-	4ACSR	0	0	429	139	9	1	1	0.00	17.63	0
CO4808	CO4813	9.66	32 1-	4ACSR	0	0	438	140	118	18	13	0.03	17.63	6
CO4809	CO4808	9.79	29 1-	4ACSR	0	0	429	139	107	17	12	0.10	17.73	18
CO4807	CO4809	9.90	25 1-	4ACSR	0	0	422	138	91	14	10	0.07	17.80	12
CO8305	CO4807	10.02	23 1-	4ACSR	0	0	414	137	79	12	9	0.07	17.87	10
CO5212	CO8305	10.06	21 1-	4ACSR	0	0	412	137	75	12	9	0.02	17.89	3
CO8303	CO5212	10.23	0 1-	4ACSR	0	0	401	136	0	0	0	0.00	17.89	0
CO5208	CO5212	10.12	19 1-	4ACSR	0	0	408	136	70	11	8	0.03	17.92	4
CO5209	CO5208	10.21	19 1-	4ACSR	0	0	402	136	70	11	8	0.05	17.97	6
CO5210	CO5209	10.29	18 1-	4ACSR	0	0	397	135	70	11	8	0.04	18.01	5
CO5211	CO5210	10.45	17 1-	4ACSR	0	0	388	134	70	11	8	0.08	18.09	11
CO5205	CO5211	10.61	13 1-	4ACSR	0	0	379	133	55	8	6	0.06	18.16	6
CO5206	CO5205	10.74	12 1-	4ACSR	0	0	373	132	52	8	6	0.05	18.20	5
CO5207	CO5206	10.98	11 1-	4ACSR	0	0	361	130	51	8	6	0.09	18.29	8
CO5203	CO5207	11.08	8 1-	4ACSR	0	0	355	130	48	7	5	0.03	18.33	3
CO5204	CO5203	11.18	7 1-	4ACSR	0	0	351	129	39	6	4	0.02	18.35	0
CO5096	CO5204	11.27	2 1-	4ACSR	0	0	347	129	10	1	1	0.00	18.35	0
CO5056	CO5204	11.41	2 1-	4ACSR	0	0	340	128	16	2	2	0.03	18.38	0
CO5202	CO5056	11.55	1 1-	4ACSR	0	0	335	127	2	0	0	0.00	18.38	0
CO8272	CO5202	11.60	0 1-	4ACSR	0	0	332	126	0	0	0	0.00	18.38	0
CO5098	CO5056	11.49	1 1-	4ACSR	0	0	337	127	14	2	2	0.00	18.38	0
CO5097	CO5207	11.07	2 1-	4ACSR	0	0	356	130	1	0	0	0.00	18.29	0
CO5100	CO5211	10.49	3 1-	4ACSR	0	0	386	134	5	0	1	0.00	18.09	0
CO5099	CO5211	10.50	1 1-	4ACSR	0	0	385	134	10	1	1	0.00	18.09	0
CO5108	CO5209	10.27	1 1-	2ACSR	0	0	400	135	0	0	0	0.00	17.97	0
CO4801	CO4807	9.93	2 1-	4ACSR	0	0	420	138	12	1	1	0.00	17.80	0
CO4776	CO4809	9.86	0 1-	4ACSR	0	0	424	138	0	0	0	0.00	17.73	0
CO4775	CO4816	9.53	1 1-	4ACSR	0	0	447	141	12	1	1	0.00	17.42	0
CO4818	CO4744	9.30	7 1-	4ACSR	0	0	465	142	75	11	8	0.10	16.93	14
CO4819	CO4818	9.38	7 1-	4ACSR	0	0	459	142	75	11	8	0.05	16.97	6
CO4820	CO4819	9.41	6 1-	4ACSR	0	0	456	142	75	11	8	0.01	16.99	0
CO4821	CO4820	9.44	3 1-	4ACSR	0	0	454	141	15	2	2	0.00	16.99	0
CO4830	CO4821	9.47	2 1-	2ACSR	0	0	453	141	15	2	1	0.00	16.99	0
CO4831	CO4830	9.48	2 1-	2ACSR	0	0	452	141	15	2	1	0.00	16.99	0
CO4832	CO4831	9.50	1 1-	2ACSR	0	0	451	141	0	0	0	0.00	16.99	0
CO4833	CO4832	9.62	1 1-	2ACSR	0	0	444	140	0	0	0	0.00	16.99	0
CO4834	CO4833	9.71	1 1-	2ACSR	0	0	439	140	0	0	0	0.00	16.99	0
CO5030	CO4834	9.83	0 1-	2ACSR	0	0	432	139	0	0	0	0.00	16.99	0
CO5031	CO5030	9.95	0 1-	2ACSR	0	0	426	139	0	0	0	0.00	16.99	0
CO4835	CO5031	10.02	0 1-	2ACSR	0	0	422	138	0	0	0	0.00	16.99	0
CO4822	CO4821	9.49	1 1-	2ACSR	0	0	451	141	0	0	0	0.00	16.99	0
CO4823	CO4822	9.54	1 1-	2ACSR	0	0	448	141	0	0	0	0.00	16.99	0
CO4824	CO4823	9.60	1 1-	2ACSR	0	0	445	141	0	0	0	0.00	16.99	0
CO4825	CO4824	9.62	1 1-	2ACSR	0	0	444	140	0	0	0	0.00	16.99	0
CO4826	CO4825	9.64	1 1-	2ACSR	0	0	443	140	0	0	0	0.00	16.99	0
CO4827	CO4826	9.74	1 1-	2ACSR	0	0	437	140	0	0	0	0.00	16.99	0
CO4828	CO4827	9.78	1 1-	2ACSR	0	0	435	140	0	0	0	0.00	16.99	0
CO4829	CO4828	9.83	1 1-	2ACSR	0	0	432	139	0	0	0	0.00	16.99	0
CO4795	CO4819	9.42	1 1-	500 MCM ACSR 30	0	0	458	142	0	0	0	0.00	16.97	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4773	CO4847	8.93	1 1-	4ACSR	0	0	496	145	5	0	1	0.00	16.30	0
CO4771	CO4743	8.65	1 1-	4ACSR	0	0	522	148	1	0	0	0.00	15.18	0
CO4767	CO4873	7.97	3 1-	4ACSR	0	0	595	154	7	1	1	0.00	12.48	0
CO-1309827563	CO4767	8.13	1 1-	2ACSR	0	0	580	153	3	0	0	0.00	12.49	0
CO4780	CO4880	7.78	1 1-	4ACSR	0	0	619	155	7	1	1	0.00	11.72	0
CO4766	CO4880	7.77	1 1-	4ACSR	0	0	620	155	1	0	0	0.00	11.72	0
CO3536	CO3535	7.05	2 1-	4ACSR	0	0	719	162	23	3	2	0.01	8.42	0
OC1745149401	CO3536	7.05	1 1-	20 N FUSE	0	0	719	162	11	1	8	0.00	8.42	0
CO3537	OC1745149401	7.07	1 1-	4ACSR	0	0	715	162	11	1	1	0.00	8.42	0
CO3529	CO3068	6.92	6 1-	4ACSR	0	0	731	162	37	5	4	0.02	8.34	0
OC-1568631882	CO3529	6.92	5 1-	20 N FUSE	0	0	731	162	30	4	22	0.00	8.34	0
CO3530	OC-1568631882	7.02	4 1-	4ACSR	0	0	714	161	21	3	2	0.01	8.35	0
CO3531	CO3530	7.11	2 1-	4ACSR	0	0	700	160	11	1	1	0.00	8.35	0
CO3532	CO3531	7.19	1 1-	4ACSR	0	0	688	159	0	0	0	0.00	8.35	0
CO3533	CO3532	7.24	1 1-	4ACSR	0	0	681	159	0	0	0	0.00	8.35	0
CO3218	OC-1568631882	6.97	1 1-	4ACSR	0	0	722	162	9	1	1	0.00	8.34	0
CO3516	CO3515	6.64	1 1-	4/0ACSR	0	0	763	163	2	0	0	0.00	8.16	0
OC-589043895	CO3516	6.64	1 1-	20 N FUSE	0	0	763	163	2	0	2	0.00	8.16	0
CO3517	OC-589043895	6.69	1 1-	4/0ACSR	0	0	758	163	2	0	0	0.00	8.16	0
CO3183	CO3064	6.13	0 1-	4ACSR	0	0	817	165	0	0	0	0.00	7.55	0
CO30666	CO3064	6.09	0 3-	4/0ACSR	1035	964	828	165	0	0	0	0.00	7.55	0
CO3045	CO3822	5.81	13 1-	4/0ACSR	0	0	866	166	73	10	3	0.01	7.31	0
CO3481	CO3045	5.83	2 1-	4ACSR	0	0	860	166	12	1	1	0.00	7.31	0
CO3482	CO3481	5.86	1 1-	4ACSR	0	0	853	166	9	1	1	0.00	7.31	0
CO3483	CO3482	5.90	1 1-	4ACSR	0	0	845	165	9	1	1	0.00	7.31	0
CO3484	CO3483	5.94	1 1-	4ACSR	0	0	837	165	9	1	1	0.00	7.32	0
CO3046	CO3045	5.86	11 1-	4/0ACSR	0	0	858	166	61	8	3	0.01	7.32	0
CO3485	CO3046	5.89	10 1-	4/0ACSR	0	0	854	166	58	8	2	0.00	7.32	0
CO3486	CO3485	5.91	9 1-	4/0ACSR	0	0	852	166	47	6	2	0.00	7.32	0
CO3487	CO3486	5.98	4 1-	4ACSR	0	0	838	165	19	2	2	0.01	7.33	0
CO3488	CO3487	6.00	3 1-	4ACSR	0	0	834	165	10	1	1	0.00	7.33	0
CO3489	CO3488	6.09	3 1-	4ACSR	0	0	814	164	10	1	1	0.01	7.33	0
CO3490	CO3489	6.12	3 1-	4ACSR	0	0	807	164	10	1	1	0.00	7.34	0
CO3837	CO3490	6.15	3 1-	4ACSR	0	0	803	163	10	1	1	0.00	7.34	0
CO3491	CO3837	6.18	1 1-	4ACSR	0	0	795	163	7	1	1	0.00	7.34	0
CO3150	CO3837	6.18	1 1-	1/0PRIURD	0	0	800	358	3	0	0	0.00	7.34	0
CO3149	CO3486	5.94	2 1-	4/0ACSR	0	0	849	166	15	2	1	0.00	7.32	0
CO3148	CO3046	5.92	0 1-	4/0ACSR	0	0	851	166	0	0	0	0.00	7.32	0
CO3820	CO3069	5.69	0 3-	4/0ACSR	1091	1020	882	167	0	0	0	0.00	7.19	0
#SW89-B	CO3820	5.69	0 3-	Open	1091	1020	882	167	0	0	0	0.00	7.19	0
CO3178	CO3063	4.71	3 1-	4ACSR	0	0	1021	169	5	0	0	0.00	6.30	0
OC-493497349	CO3178	4.71	0 1-	20 N FUSE	0	0	1021	169	0	0	0	0.00	6.30	0
CO-235018207	CO3565	4.58	5 1-	2ACSR	0	0	1043	169	66	9	5	0.03	6.16	3
CO-1014668998	CO-235018207	4.70	4 1-	2ACSR	0	0	1012	168	49	7	4	0.03	6.18	0
CO1855290407	CO-1014668998	4.72	1 1-	2ACSR	0	0	1005	168	19	2	2	0.00	6.18	0
CO1392229375	CO-1014668998	4.83	2 1-	2ACSR	0	0	979	167	17	2	1	0.01	6.19	0
CO828980580	CO-1014668998	4.77	1 1-	2ACSR	0	0	993	168	13	1	1	0.00	6.19	0
CO2017925851	CO828980580	4.85	1 1-	2ACSR	0	0	974	167	13	1	1	0.00	6.19	0
CO-448609535	CO1847633510	4.37	4 1-	#2 ACSR 7/1	0	0	1092	170	59	8	5	0.02	5.99	0
OC-697522020	CO-448609535	4.37	4 1-	20 N FUSE	0	0	1092	170	59	8	42	0.00	5.99	0
CO891319403	OC-697522020	4.41	4 1-	2ACSR	0	0	1080	170	59	8	5	0.01	6.00	0
CO480748568	CO891319403	4.46	4 1-	2ACSR	0	0	1067	170	59	8	5	0.01	6.01	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-310192311	CO480748568	4.50	1 1-	1/0PRIURD	0	0	1059	395	26	3	3	0.00	6.01	0
CO-770432194	CO480748568	4.54	2 1-	2ACSR	0	0	1045	169	32	4	3	0.01	6.02	0
CO-1147746288	CO-770432194	4.55	0 1-	2ACSR	0	0	1040	169	0	0	0	0.00	6.02	0
CO-1919870771	CO-770432194	4.64	1 1-	2ACSR	0	0	1017	168	20	2	2	0.01	6.03	0
CO-948363005	CO-1919870771	4.68	1 1-	2ACSR	0	0	1007	168	20	2	2	0.00	6.04	0
CO-406504989	CO-770432194	4.64	1 1-	2ACSR	0	0	1018	168	11	1	1	0.00	6.03	0
CO3571	CO3574	4.31	2 1-	4/0AAAC	0	0	1114	171	11	1	0	0.00	5.89	0
CO3572	CO3571	4.33	1 1-	4/0AAAC	0	0	1109	171	4	0	0	0.00	5.89	0
CO3573	CO3572	4.42	1 1-	4/0AAAC	0	0	1092	170	4	0	0	0.00	5.89	0
CO3576	CO3580	4.18	5 1-	4/0AAAC	0	0	1141	171	40	5	1	0.00	5.80	0
OC-1786924155	CO3576	4.18	4 1-	20 N FUSE	0	0	1141	171	29	4	21	0.00	5.80	0
CO3577	OC-1786924155	4.22	4 1-	4/0AAAC	0	0	1132	171	29	4	1	0.00	5.80	0
CO3578	CO3577	4.28	1 1-	4/0AAAC	0	0	1119	171	13	1	0	0.00	5.80	0
CO3579	CO3578	4.33	1 1-	4/0AAAC	0	0	1109	171	13	1	0	0.00	5.80	0
CO3575	CO3580	4.15	0 3-	4/0AAAC	1338	1276	1147	171	0	-13	4	0.00	5.79	0
CA55	CO3575	4.15	0 3-	Capacitor	1338	1276	1147	171	0	-13	0	0.00	5.79	0
CO3085	CO3580	4.20	2 1-	4/0AAAC	0	0	1137	171	15	2	1	0.00	5.79	0
OC-379231044	CO3085	4.20	0 1-	20 N FUSE	0	0	1137	171	0	0	0	0.00	5.79	0
CO3086	CO3001	3.94	2 1-	4ACSR	0	0	1185	171	5	0	1	0.00	5.57	0
CO3589	CO3002	3.84	43 1-	2ACSR	0	0	1215	172	370	53	29	0.04	5.53	25
CO3590	CO3589	3.86	42 1-	2ACSR	0	0	1207	172	358	51	28	0.04	5.57	21
CO3116	CO3590	3.89	2 1-	2ACSR	0	0	1196	172	18	2	1	0.00	5.57	0
CO3817	CO3590	3.87	40 1-	2ACSR	0	0	1205	172	340	48	27	0.01	5.58	6
OC94	CO3817	3.87	40 1-	70 L OCR	0	0	1205	172	340	48	70	0.00	5.58	0
CO3818	OC94	3.89	40 1-	2ACSR	0	0	1197	172	340	48	27	0.03	5.61	18
CO3591	CO3818	3.95	39 1-	2ACSR	0	0	1175	171	333	47	26	0.10	5.71	52
CO3016	CO3591	4.05	12 1-	2ACSR	0	0	1143	170	102	14	8	0.05	5.76	7
CO3105	CO3016	4.11	1 1-	2ACSR	0	0	1124	170	15	2	1	0.00	5.76	0
CO3592	CO3016	4.17	11 1-	2ACSR	0	0	1106	170	88	12	7	0.05	5.81	6
CO-1006668924	CO3592	4.18	8 1-	2ACSR	0	0	1101	169	68	9	5	0.01	5.81	0
CO-2051341119	CO-1006668924	4.23	2 1-	2ACSR	0	0	1086	169	24	3	2	0.00	5.81	0
CO897578386	CO-1006668924	4.23	6 1-	2ACSR	0	0	1088	169	44	6	3	0.01	5.82	0
CO3200	CO897578386	4.30	3 1-	2ACSR	0	0	1066	169	24	3	2	0.01	5.82	0
CO3202	CO3200	4.34	1 1-	2/0 HdCu	0	0	1059	168	8	1	0	0.00	5.83	0
CO3596	CO897578386	4.25	3 1-	2ACSR	0	0	1080	169	19	2	2	0.00	5.82	0
CO3219	CO3596	4.29	1 1-	2ACSR	0	0	1069	169	4	0	0	0.00	5.82	0
CO3597	CO3596	4.27	2 1-	2ACSR	0	0	1074	169	15	2	1	0.00	5.82	0
CO3598	CO3597	4.29	2 1-	2ACSR	0	0	1069	169	15	2	1	0.00	5.82	0
CO-698827312	CO3598	4.38	1 1-	2ACSR	0	0	1043	168	2	0	0	0.00	5.82	0
CO3593	CO3592	4.22	2 1-	2ACSR	0	0	1091	169	14	2	1	0.00	5.81	0
CO3594	CO3593	4.26	1 1-	2ACSR	0	0	1077	169	14	1	1	0.00	5.81	0
CO3014	CO3591	4.01	27 1-	2ACSR	0	0	1155	171	230	32	18	0.06	5.78	23
CO3109	CO3014	4.12	1 1-	2ACSR	0	0	1120	170	10	1	1	0.00	5.78	0
CO85281019	CO3014	4.09	26 1-	2ACSR	0	0	1130	170	220	31	18	0.08	5.85	27
CO-2140503505	CO85281019	4.16	25 1-	2ACSR	0	0	1109	170	207	29	17	0.06	5.92	21
CO3201	CO-2140503505	4.26	2 1-	2ACSR	0	0	1076	169	22	3	2	0.01	5.92	0
CO3599	CO-2140503505	4.22	23 1-	2ACSR	0	0	1089	169	185	26	15	0.05	5.97	15
CO3197	CO3599	4.27	1 1-	2ACSR	0	0	1073	169	11	1	1	0.00	5.97	0
CO3600	CO3599	4.26	21 1-	2ACSR	0	0	1077	169	159	22	13	0.03	6.00	7
CO3611	CO3600	4.32	8 1-	2ACSR	0	0	1060	168	53	7	4	0.01	6.02	0
CO3612	CO3611	4.35	8 1-	2ACSR	0	0	1051	168	53	7	4	0.01	6.02	0
CO3613	CO3612	4.42	6 1-	2ACSR	0	0	1031	168	43	6	3	0.01	6.04	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3614	CO3613	4.46	4 1-	2ACSR	0	0	1020	167	35	4	3	0.01	6.04	0
CO3615	CO3614	4.57	2 1-	2ACSR	0	0	992	167	13	1	1	0.01	6.05	0
CO3616	CO3615	4.64	1 1-	2ACSR	0	0	974	166	13	1	1	0.00	6.05	0
CO3101	CO3614	4.50	1 1-	2ACSR	0	0	1010	167	14	2	1	0.00	6.05	0
CO3100	CO3614	4.54	1 1-	2ACSR	0	0	1001	167	7	1	1	0.00	6.05	0
CO3115	CO3612	4.38	1 1-	2ACSR	0	0	1044	168	6	0	0	0.00	6.02	0
CO3603	CO3600	4.30	11 1-	2ACSR	0	0	1065	169	72	10	6	0.01	6.02	0
CO3604	CO3603	4.33	10 1-	2ACSR	0	0	1056	168	62	8	5	0.01	6.02	0
CO3605	CO3604	4.39	10 1-	2ACSR	0	0	1039	168	62	8	5	0.02	6.04	0
CO3608	CO3605	4.46	6 1-	2ACSR	0	0	1020	167	20	2	2	0.01	6.05	0
CO3609	CO3608	4.49	2 1-	2ACSR	0	0	1014	167	15	2	1	0.00	6.05	0
CO3610	CO3609	4.55	2 1-	2ACSR	0	0	998	167	15	2	1	0.00	6.05	0
CO3606	CO3605	4.46	2 1-	2ACSR	0	0	1022	167	23	3	2	0.00	6.05	0
CO3607	CO3606	4.48	1 1-	2ACSR	0	0	1014	167	11	1	1	0.00	6.05	0
CO3103	CO3605	4.49	1 1-	2ACSR	0	0	1014	167	0	0	0	0.00	6.04	0
CO3102	CO3605	4.48	1 1-	2ACSR	0	0	1017	167	19	2	2	0.00	6.05	0
CO3601	CO3600	4.31	2 1-	2ACSR	0	0	1063	168	34	4	3	0.01	6.01	0
CO3602	CO3601	4.36	1 1-	2ACSR	0	0	1049	168	22	3	2	0.00	6.01	0
CO1646837645	CO85281019	4.13	1 1-	2ACSR	0	0	1116	170	12	1	1	0.00	5.86	0
CO3587	CO3002	3.87	3 1-	4ACSR	0	0	1201	172	17	2	2	0.01	5.49	0
OC1525905467	CO3587	3.87	1 1-	20 N FUSE	0	0	1201	172	10	1	7	0.00	5.49	0
CO3588	OC1525905467	3.91	1 1-	4ACSR	0	0	1185	171	10	1	1	0.00	5.49	0
CO3118	CO3003	3.78	1 1-	2ACSR	0	0	1227	172	4	0	0	0.00	5.38	0
OC1346409554	CO3118	3.78	0 1-	20 N FUSE	0	0	1227	172	0	0	0	0.00	5.38	0
CO3117	CO3003	3.78	1 1-	2ACSR	0	0	1227	172	2	0	0	0.00	5.38	0
OC-419490826	CO3117	3.78	0 1-	20 N FUSE	0	0	1227	172	0	0	0	0.00	5.38	0
CO3815	CO3003	3.72	19 1-	4ACSR	0	0	1245	172	130	18	13	0.01	5.39	0
OC98	CO3815	3.72	19 1-	10 N FUSE	0	0	1245	172	130	18	185	0.00	5.39	0
CO3816	OC98	3.75	19 1-	4ACSR	0	0	1233	172	130	18	13	0.02	5.41	5
CO3004	CO3816	3.86	16 1-	4ACSR	0	0	1188	171	114	16	12	0.08	5.49	15
CO3005	CO3004	3.96	15 1-	4ACSR	0	0	1150	170	96	13	10	0.06	5.55	10
CO3207	CO3005	3.99	3 1-	2ACSR	0	0	1137	170	21	3	2	0.00	5.55	0
CO3621	CO3005	4.01	7 1-	4ACSR	0	0	1128	169	40	5	4	0.01	5.56	0
CO3622	CO3621	4.03	6 1-	4ACSR	0	0	1119	169	34	4	3	0.00	5.57	0
CO3623	CO3622	4.10	4 1-	4ACSR	0	0	1094	168	27	3	3	0.01	5.58	0
CO3624	CO3623	4.15	4 1-	4ACSR	0	0	1075	168	27	3	3	0.01	5.59	0
CO3625	CO3624	4.19	3 1-	4ACSR	0	0	1062	167	24	3	2	0.01	5.59	0
CO3209	CO3625	4.22	0 1-	2ACSR	0	0	1052	167	0	0	0	0.00	5.59	0
CO3626	CO3625	4.22	3 1-	4ACSR	0	0	1050	167	24	3	2	0.01	5.60	0
CO3627	CO3626	4.34	3 1-	4ACSR	0	0	1010	166	24	3	2	0.02	5.62	0
CO3630	CO3627	4.52	1 1-	1/0PRIURD	0	0	971	372	15	2	1	0.00	5.62	0
CO3628	CO3627	4.40	2 1-	4ACSR	0	0	990	165	8	1	1	0.00	5.62	0
CO3629	CO3628	4.49	1 1-	4ACSR	0	0	960	164	0	0	0	0.00	5.62	0
CO3088	CO3005	4.00	2 1-	4ACSR	0	0	1131	169	9	1	1	0.00	5.55	0
CO-504802106	CO3005	3.99	3 1-	4ACSR	0	0	1136	169	25	3	3	0.01	5.56	0
CO-1821629849	CO-504802106	4.04	1 1-	4ACSR	0	0	1117	169	4	0	0	0.00	5.56	0
CO3620	CO-1821629849	4.13	1 1-	4ACSR	0	0	1082	168	4	0	0	0.00	5.56	0
CO-297182721	CO-504802106	4.03	2 1-	2ACSR	0	0	1124	169	21	3	2	0.00	5.56	0
CO-980390046	CO-297182721	4.05	1 1-	2ACSR	0	0	1116	169	6	0	0	0.00	5.56	0
CO3087	CO3004	3.98	1 1-	4ACSR	0	0	1139	170	18	2	2	0.01	5.50	0
CO662541423	CO3087	4.16	1 1-	1/0PRIURD	0	0	1106	393	18	2	2	0.01	5.52	0
CO-1538202555	CO662541423	4.19	1 1-	1/0PRIURD	0	0	1101	392	18	2	2	0.00	5.52	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2107907031	CO662541423	4.20	0 1-	1/0PRIURD	0	0	1098	392	0	0	0	0.00	5.52	0
CO3617	CO3816	3.76	1 1-	500 MCM ACSR 30	0	0	1231	172	11	1	0	0.00	5.41	0
CO3618	CO3617	3.83	1 1-	500 MCM ACSR 30	0	0	1217	172	11	1	0	0.00	5.41	0
CO3838	CO3024	3.74	3 1-	4/0AAAC	0	0	1244	172	21	2	1	0.00	5.35	0
OC27760786	CO3838	3.74	2 1-	20 N FUSE	0	0	1244	172	12	1	9	0.00	5.35	0
CO3793	OC27760786	3.75	2 1-	4/0AAAC	0	0	1239	172	12	1	0	0.00	5.35	0
CO3794	CO3793	3.87	0 1-	4/0AAAC	0	0	1211	172	0	0	0	0.00	5.35	0
CO3795	CO3794	3.93	0 1-	4/0AAAC	0	0	1197	172	0	0	0	0.00	5.35	0
CO3106	CO3793	3.81	1 1-	4/0AAAC	0	0	1225	172	7	0	0	0.00	5.35	0
CO3108	CO3632	3.53	3 1-	4/0AAAC	0	0	1299	173	23	3	1	0.00	5.04	0
OC-1448727838	CO3108	3.53	0 1-	20 N FUSE	0	0	1299	173	0	0	0	0.00	5.04	0
CO3107	CO3632	3.53	1 1-	4/0AAAC	0	0	1299	173	4	0	0	0.00	5.03	0
OC-1809055944	CO3107	3.53	0 1-	20 N FUSE	0	0	1299	173	0	0	0	0.00	5.03	0
CO3110	CO3007	3.35	7 1-	4/0AAAC	0	0	1349	174	19	2	1	0.00	4.87	0
OC-864122840	CO3110	3.35	0 1-	20 N FUSE	0	0	1349	174	0	0	0	0.00	4.87	0
CO3813	CO3008	3.19	51 1-	2ACSR	0	0	1397	174	346	49	27	0.01	4.73	6
OC108	CO3813	3.19	51 1-	70 4E OCR	0	0	1397	174	346	49	70	0.00	4.73	0
CO3814	OC108	3.22	51 1-	2ACSR	0	0	1385	174	346	49	27	0.04	4.77	23
CO3634	CO3814	3.28	50 1-	2ACSR	0	0	1357	173	345	49	27	0.10	4.87	52
CO3640	CO3634	3.33	44 1-	2ACSR	0	0	1334	173	316	45	25	0.08	4.95	38
CO3641	CO3640	3.42	40 1-	2ACSR	0	0	1297	172	286	40	23	0.12	5.07	52
CO3017	CO3641	3.46	39 1-	2ACSR	0	0	1282	172	275	39	22	0.05	5.11	19
CO3644	CO3017	3.52	37 1-	2ACSR	0	0	1256	171	270	38	21	0.08	5.19	35
CO3645	CO3644	3.54	36 1-	2ACSR	0	0	1250	171	270	38	21	0.02	5.21	8
CO3646	CO3645	3.56	36 1-	2ACSR	0	0	1241	171	270	38	21	0.03	5.24	12
CO3647	CO3646	3.62	35 1-	2ACSR	0	0	1218	171	257	36	20	0.07	5.31	28
CO3650	CO3647	3.70	30 1-	2ACSR	0	0	1190	170	230	32	18	0.08	5.39	27
CO3651	CO3650	3.77	28 1-	2ACSR	0	0	1164	170	209	29	17	0.07	5.46	23
CO3652	CO3651	3.83	26 1-	2ACSR	0	0	1143	169	197	28	16	0.05	5.52	17
CO3114	CO3652	3.88	1 1-	2ACSR	0	0	1128	169	11	1	1	0.00	5.52	0
CO3020	CO3652	3.87	24 1-	2ACSR	0	0	1132	169	184	26	15	0.03	5.55	9
CO3653	CO3020	3.95	2 1-	2ACSR	0	0	1106	168	4	0	0	0.00	5.55	0
CO3654	CO3653	3.97	1 1-	2ACSR	0	0	1097	168	2	0	0	0.00	5.55	0
CO3021	CO3020	4.01	22 1-	2ACSR	0	0	1086	168	180	25	14	0.12	5.66	33
CO3656	CO3021	4.09	2 1-	2ACSR	0	0	1061	167	18	2	1	0.01	5.67	0
CO3657	CO3656	4.19	1 1-	2ACSR	0	0	1034	167	4	0	0	0.00	5.67	0
CO3223	CO3656	4.16	1 1-	4ACSR	0	0	1037	167	15	2	2	0.00	5.67	0
CO3022	CO3021	4.05	20 1-	2ACSR	0	0	1075	168	162	23	13	0.03	5.69	7
CO8243	CO3022	4.11	0 1-	2ACSR	0	0	1058	167	0	0	0	0.00	5.69	0
CO3655	CO3022	4.09	20 1-	2ACSR	0	0	1061	167	162	23	13	0.04	5.73	9
OC1595024518	CO3655	4.09	19 1-	20 N FUSE	0	0	1061	167	152	21	109	0.00	5.73	0
CO8240	OC1595024518	4.13	19 1-	2ACSR	0	0	1051	167	152	21	12	0.02	5.75	6
CO8242	CO8240	4.21	3 1-	2ACSR	0	0	1027	167	31	4	3	0.01	5.76	0
CO8241	CO8242	4.32	1 1-	2ACSR	0	0	998	166	14	1	1	0.00	5.76	0
CO3658	CO8242	4.26	1 1-	2ACSR	0	0	1014	166	5	0	0	0.00	5.76	0
CO2799	CO8240	4.14	2 1-	2ACSR	0	0	1046	167	17	2	1	0.00	5.75	0
CO2798	CO2799	4.18	2 1-	2ACSR	0	0	1036	167	17	2	1	0.00	5.75	0
CO-2097512777	CO2798	4.20	1 1-	2ACSR	0	0	1030	167	3	0	0	0.00	5.75	0
CO2554	CO8240	4.27	13 1-	2ACSR	0	0	1011	166	97	13	8	0.06	5.81	10
CO2553	CO2554	4.37	12 1-	2ACSR	0	0	985	165	96	13	8	0.04	5.85	5
CO2716	CO2553	4.39	2 1-	2ACSR	0	0	979	165	23	3	2	0.00	5.85	0
CO2715	CO2716	4.44	1 1-	2ACSR	0	0	967	165	9	1	1	0.00	5.85	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2400	CO2553	4.45	7 1-	2ACSR	0	0	964	165	46	6	4	0.02	5.87	0
CO2560	CO2400	4.51	6 1-	2ACSR	0	0	949	164	40	5	3	0.01	5.88	0
CO2555	CO2560	4.57	6 1-	2ACSR	0	0	935	164	40	5	3	0.01	5.89	0
CO2559	CO2555	4.64	3 1-	2ACSR	0	0	919	164	21	3	2	0.01	5.89	0
CO2556	CO2559	4.72	2 1-	2ACSR	0	0	900	163	9	1	1	0.00	5.89	0
CO2558	CO2556	4.76	1 1-	2ACSR	0	0	892	163	0	0	0	0.00	5.89	0
CO2557	CO2558	4.83	1 1-	2ACSR	0	0	877	162	0	0	0	0.00	5.89	0
CO2439	CO2400	4.48	1 1-	2ACSR	0	0	955	165	6	0	0	0.00	5.87	0
CO3648	CO3647	3.69	5 1-	2ACSR	0	0	1194	170	27	3	2	0.01	5.32	0
CO3649	CO3648	3.72	3 1-	2ACSR	0	0	1184	170	11	1	1	0.00	5.32	0
CO381567007	CO3648	3.77	0 1-	2ACSR	0	0	1166	170	0	0	0	0.00	5.32	0
CO2055756138	CO381567007	3.83	0 1-	2ACSR	0	0	1145	169	0	0	0	0.00	5.32	0
CO3112	CO3017	3.56	2 1-	2ACSR	0	0	1240	171	5	0	0	0.00	5.11	0
CO3642	CO3641	3.52	1 1-	2ACSR	0	0	1258	172	11	1	1	0.00	5.07	0
CO3643	CO3642	3.55	1 1-	2ACSR	0	0	1245	171	11	1	1	0.00	5.07	0
CO3217	CO3640	3.38	2 1-	2ACSR	0	0	1313	173	16	2	1	0.00	4.95	0
CO3839	CO3640	3.37	1 1-	2ACSR	0	0	1316	173	9	1	1	0.00	4.95	0
CO3018	CO3634	3.33	5 1-	2ACSR	0	0	1336	173	23	3	2	0.01	4.88	0
CO3635	CO3018	3.37	5 1-	2ACSR	0	0	1316	173	23	3	2	0.01	4.88	0
CO3636	CO3635	3.40	4 1-	2ACSR	0	0	1305	172	23	3	2	0.00	4.88	0
CO3637	CO3636	3.52	2 1-	2ACSR	0	0	1258	172	7	0	1	0.00	4.89	0
CO3638	CO3637	3.61	1 1-	2ACSR	0	0	1222	171	7	0	1	0.00	4.89	0
CO3639	CO3638	3.67	1 1-	2ACSR	0	0	1199	170	7	0	1	0.00	4.89	0
CO3111	CO3635	3.42	0 1-	2ACSR	0	0	1297	172	0	0	0	0.00	4.88	0
CO3091	CO3009	3.19	2 1-	4/0AAAC	0	0	1400	174	9	1	0	0.00	4.59	0
OC532285935	CO3091	3.19	0 1-	20 N FUSE	0	0	1400	174	0	0	0	0.00	4.59	0
CO3811	CO3010	3.00	41 1-	2ACSR	0	0	1458	175	291	41	23	0.01	4.46	4
OC90	CO3811	3.00	41 1-	70 L OCR	0	0	1458	175	291	41	59	0.00	4.46	0
CO3812	OC90	3.19	41 1-	2ACSR	0	0	1372	173	291	41	23	0.24	4.71	110
CO3659	CO3812	3.21	3 1-	2ACSR	0	0	1362	173	27	3	2	0.00	4.71	0
CO3660	CO3659	3.29	2 1-	2ACSR	0	0	1325	172	15	2	1	0.01	4.71	0
CO3661	CO3660	3.31	2 1-	2ACSR	0	0	1317	172	15	2	1	0.00	4.72	0
CO3662	CO3661	3.36	1 1-	2ACSR	0	0	1297	172	15	2	1	0.00	4.72	0
CO3203	CO3659	3.29	1 1-	2ACSR	0	0	1328	172	12	1	1	0.00	4.71	0
CO3025	CO3812	3.29	38 1-	4ACSR	0	0	1317	172	264	37	27	0.18	4.89	78
CO3663	CO3025	3.38	36 1-	4ACSR	0	0	1274	171	242	34	25	0.14	5.02	54
CO3664	CO3663	3.49	35 1-	4ACSR	0	0	1220	170	232	33	24	0.17	5.20	66
CO3668	CO3664	3.58	30 1-	4ACSR	0	0	1183	169	185	26	19	0.10	5.30	31
CO3669	CO3668	3.74	30 1-	4ACSR	0	0	1113	167	184	26	19	0.20	5.50	61
CO3670	CO3669	3.93	30 1-	4ACSR	0	0	1040	165	184	26	19	0.23	5.73	70
CO3671	CO3670	4.05	28 1-	4ACSR	0	0	999	164	172	24	18	0.13	5.86	37
CO3672	CO3671	4.13	26 1-	4ACSR	0	0	971	163	166	23	17	0.09	5.95	24
CO3012	CO3672	4.24	24 1-	4ACSR	0	0	937	162	146	20	15	0.10	6.06	25
CO3675	CO3012	4.28	3 1-	4ACSR	0	0	927	162	9	1	1	0.00	6.06	0
CO3676	CO3675	4.31	3 1-	4ACSR	0	0	916	162	9	1	1	0.00	6.06	0
CO-522507343	CO3676	4.33	1 1-	2ACSR	0	0	912	161	5	0	0	0.00	6.06	0
CO3673	CO3012	4.31	20 1-	4ACSR	0	0	917	162	137	19	14	0.06	6.11	12
CO3674	CO3673	4.43	15 1-	4ACSR	0	0	882	160	106	15	11	0.08	6.19	14
CO3677	CO3674	4.45	10 1-	4ACSR	0	0	877	160	79	11	8	0.01	6.21	0
CO3678	CO3677	4.49	9 1-	4ACSR	0	0	867	160	68	9	7	0.01	6.22	0
CO850024679	CO3678	4.50	8 1-	2ACSR	0	0	864	160	57	8	5	0.00	6.22	0
CO1178205722	CO850024679	4.53	1 1-	2ACSR	0	0	857	160	5	0	0	0.00	6.22	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1580180787	CO850024679	4.53	7 1-	2ACSR	0	0	859	160	52	7	4	0.01	6.23	0
CO3683	CO1580180787	4.57	1 1-	4ACSR	0	0	847	159	5	0	1	0.00	6.23	0
CO3684	CO3683	4.66	1 1-	4ACSR	0	0	826	158	5	0	1	0.00	6.23	0
CO3680	CO1580180787	4.60	6 1-	4ACSR	0	0	841	159	47	6	5	0.02	6.25	0
CO3681	CO3680	4.69	6 1-	4ACSR	0	0	817	158	47	6	5	0.03	6.28	2
CO3682	CO3681	4.75	6 1-	4ACSR	0	0	803	157	47	6	5	0.02	6.30	0
CO3013	CO3682	4.82	5 1-	4ACSR	0	0	787	157	37	5	4	0.02	6.32	0
CO8253	CO3013	4.98	4 1-	4ACSR	0	0	753	155	29	4	3	0.03	6.35	0
CO4060	CO8253	5.01	3 1-	4ACSR	0	0	746	155	29	4	3	0.00	6.35	0
CO4059	CO4060	5.07	2 1-	4ACSR	0	0	734	155	16	2	2	0.01	6.36	0
CO4061	CO4059	5.15	2 1-	4ACSR	0	0	718	154	16	2	2	0.00	6.36	0
CO3095	CO3013	4.89	1 1-	4ACSR	0	0	771	156	8	1	1	0.00	6.32	0
CO3094	CO3682	4.82	1 1-	4ACSR	0	0	787	157	9	1	1	0.00	6.30	0
CO3196	CO3677	4.47	1 1-	2ACSR	0	0	873	160	11	1	1	0.00	6.21	0
CO3120	CO3674	4.47	2 1-	4ACSR	0	0	873	160	8	1	1	0.00	6.20	0
CO3096	CO3674	4.48	1 1-	4ACSR	0	0	869	160	12	1	1	0.00	6.20	0
CO-357246619	CO3673	4.38	1 1-	2ACSR	0	0	900	161	2	0	0	0.00	6.11	0
CO3097	CO3672	4.16	1 1-	4ACSR	0	0	963	163	13	1	1	0.00	5.95	0
CO3123	CO3670	4.05	1 1-	4ACSR	0	0	999	164	1	0	0	0.00	5.73	0
CO3098	CO3670	3.96	1 1-	4ACSR	0	0	1032	165	11	1	1	0.00	5.73	0
CO3665	CO3664	3.52	5 1-	4ACSR	0	0	1208	170	47	6	5	0.01	5.20	0
CO3666	CO3665	3.61	3 1-	4ACSR	0	0	1170	169	26	3	3	0.01	5.21	0
CO3667	CO3666	3.64	1 1-	4ACSR	0	0	1156	168	9	1	1	0.00	5.21	0
CO3099	CO3025	3.35	1 1-	4ACSR	0	0	1287	171	11	1	1	0.00	4.89	0
CO3809	CO3691	2.96	0 3-	4/0AAAC	1611	1572	1476	175	0	0	0	0.00	4.36	0
CO3810	CO3809	2.96	0 3-	4/0AAAC	1609	1570	1474	175	0	0	0	0.00	4.36	0
#SW109-A	CO3810	2.96	0 3-	Open	1609	1570	1474	175	0	0	0	0.00	4.36	0
CO3092	CO3691	3.03	0 1-	4/0AAAC	0	0	1450	174	0	0	0	0.00	4.36	0
OC947739058	CO3092	3.03	0 1-	20 N FUSE	0	0	1450	174	0	0	0	0.00	4.36	0
CO3093	CO3011	2.83	2 1-	1/0ACSR	0	0	1533	175	9	1	1	0.00	3.86	0
OC128440445	CO3093	2.83	0 1-	20 N FUSE	0	0	1533	175	0	0	0	0.00	3.86	0
CO2675+	CO2397	2.41	1 1-	4ACSR	0	0	1744	334	11	0	1	0.00	2.01	0
CO2674+	CO2397	2.43	1 1-	4ACSR	0	0	1733	334	6	0	0	0.00	2.01	0
CO2711+	CO1872941073	2.10	2 1-	1/0ACSR	0	0	1860	338	6	0	0	0.00	1.74	0
CO2710+	CO2711	2.11	2 1-	1/0ACSR	0	0	1853	338	6	0	0	0.00	1.74	0
CO1475949864+	CO1391025622	2.05	0 1-	#2 ACSR 7/1	0	0	1878	339	0	0	0	0.00	1.67	0
CO2659+	CO2398	1.94	6 3-	2ACSR	2114	2051	1920	340	54	1	1	0.00	1.56	0
CO2663+	CO2659	1.98	6 3-	2ACSR	2100	2036	1903	339	54	1	1	0.00	1.56	0
CO2660+	CO2663	2.03	6 3-	2ACSR	2083	2017	1883	339	54	1	1	0.00	1.56	0
CO2662+	CO2660	2.06	5 3-	2ACSR	2070	2003	1867	338	45	1	1	0.00	1.56	0
CO2661+	CO2662	2.11	5 3-	2ACSR	2053	1984	1846	337	45	1	1	0.00	1.56	0
CO-813213923+	CO2661	2.18	2 1-	1/0PRIURD	0	0	1825	769	12	0	1	0.00	1.57	0
CO2478+	CO2501	1.39	2 3-	2ACSR	2299	2257	2157	345	166	3	2	0.00	0.99	0
OC-2058373496+	CO2478	1.39	1 3-	20 N FUSE	2299	2257	2157	345	163	3	19	0.00	0.99	0
CO-903220423+	OC-2058373496	1.45	1 3-	2ACSR	2275	2229	2124	345	163	3	2	0.00	1.00	0
CO-1025875265+	CO-903220423	1.50	1 3-	2ACSR	2255	2207	2098	344	163	3	2	0.00	1.00	0
CO-1944918723+	CO-1025875265	1.51	0 3-	2ACSR	2251	2203	2093	344	0	0	0	0.00	1.00	0
CO2447+	CO2573	1.31	1 1-	4ACSR	0	0	2188	346	3	0	0	0.00	0.88	0
CO2726+	CO2850	0.30	0 1-	4ACSR	0	0	2708	354	0	0	0	0.00	0.13	0
CO2728+	CO2726	0.32	0 1-	4ACSR	0	0	2687	353	0	0	0	0.00	0.13	0
CO2727+	CO2728	0.37	0 1-	4ACSR	0	0	2648	352	0	0	0	0.00	0.13	0

Title: FLEMING - MASON ENERGY COOPERATIVE - KENTUCKY 52 FLEMING - FLEMINGSBURG, KENTUCKY
 Case: 2008-2009 CONSTRUCTION WORK PLAN - EXISTING SYSTEM WITH PROJECTED WINTER 2008-09 LOADS
 Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS

SUB	8 total losses:	\$64,892												
Total System Losses: \$1,043,633														

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB	0 CHARTERS SUB		3044						14661					
CO20412+	CHARTERS SUB	0.00	3044 3-	750 MCM - 42 Wi	2533	2716	2725	354	14661	329	28	0.00	0.00	21
CO20413+	CO20412	0.01	3044 3-	750 MCM - 42 Wi	2532	2714	2723	354	14661	329	28	0.00	0.00	21
CO20417+	CO20413	0.01	679 3-	750 MCM - 42 Wi	2530	2712	2720	354	3059	68	6	0.00	0.00	0
Tollesboro ckt+	CO20417	0.01	679 3-	560 200WVE	2530	2712	2720	354	3059	68	12	0.00	0.00	0
CO20364+	Tollesboro ckt	0.20	679 3-	4/0ACSR	2465	2602	2610	352	3059	68	20	0.06	0.07	251
CO20365+	CO20364	0.29	677 3-	4/0ACSR	2432	2550	2555	352	3053	68	20	0.03	0.10	129
CO20240+	CO20365	0.50	674 3-	4/0ACSR	2364	2444	2444	351	3039	68	20	0.07	0.17	280
CO20227+	CO20240	0.67	674 3-	4/0ACSR	2312	2368	2362	349	3038	68	20	0.06	0.23	224
CO20370+	CO20227	0.81	1 1-	4ACSR	0	0	2266	346	7	0	0	0.00	0.23	0
OC-209400078+	CO20370	0.81	1 1-	15 N FUSE	0	0	2266	346	7	0	3	0.00	0.23	0
CO20371+	OC-209400078	0.93	1 1-	4ACSR	0	0	2189	344	7	0	0	0.00	0.23	0
CO20239+	CO20227	0.77	673 3-	4/0ACSR	2279	2322	2312	349	3030	68	20	0.04	0.26	142
CO20372+	CO20239	0.84	673 3-	4/0ACSR	2259	2294	2281	348	3030	68	20	0.02	0.28	90
CO20373+	CO20372	0.88	672 3-	4/0ACSR	2249	2279	2265	348	3028	68	20	0.01	0.30	49
CO20229+	CO20373	0.91	20 1-	4ACSR	0	0	2245	347	77	5	4	0.00	0.30	0
OC-2104839343+	CO20229	0.91	20 1-	15 N FUSE	0	0	2245	347	77	5	35	0.00	0.30	0
CO20374+	OC-2104839343	1.01	4 1-	4ACSR	0	0	2182	345	10	0	1	0.00	0.30	0
CO20375+	CO20374	1.05	2 1-	4ACSR	0	0	2158	344	4	0	0	0.00	0.30	0
CO20245+	CO20375	1.08	0 1-	4ACSR	0	0	2137	344	0	0	0	0.00	0.30	0
CO20376+	CO20375	1.08	2 1-	4ACSR	0	0	2139	344	4	0	0	0.00	0.30	0
CO20377+	CO20376	1.10	2 1-	4ACSR	0	0	2125	343	4	0	0	0.00	0.30	0
CO20230+	OC-2104839343	0.98	16 1-	4ACSR	0	0	2201	346	67	4	3	0.01	0.31	0
CO20426+	CO20230	0.98	14 1-	4ACSR	0	0	2197	346	66	4	3	0.00	0.31	0
OC613+	CO20426	0.98	14 1-	10 N FUSE	0	0	2197	346	66	4	45	0.00	0.31	0
CO20427+	OC613	1.09	14 1-	4ACSR	0	0	2132	343	66	4	3	0.01	0.32	0
CO20238+	CO20427	1.16	13 1-	4ACSR	0	0	2090	342	55	3	3	0.01	0.33	0
CO20246+	CO20238	1.20	1 1-	4ACSR	0	0	2068	341	4	0	0	0.00	0.33	0
CO20379+	CO20238	1.23	12 1-	4ACSR	0	0	2047	340	52	3	3	0.01	0.33	0
CO20269+	CO20379	1.32	1 1-	2ACSR	0	0	2003	339	2	0	0	0.00	0.33	0
CO20380+	CO20379	1.26	10 1-	4ACSR	0	0	2030	340	41	2	2	0.00	0.33	0
CO20378+	CO20380	1.32	10 1-	4ACSR	0	0	1994	338	41	2	2	0.00	0.34	0
CO20381+	CO20378	1.35	10 1-	4ACSR	0	0	1978	338	41	2	2	0.00	0.34	0
CO20382+	CO20381	1.42	7 1-	4ACSR	0	0	1940	336	30	2	1	0.00	0.34	0
CO20383+	CO20382	1.47	4 1-	4ACSR	0	0	1913	335	16	1	1	0.00	0.34	0
CO20384+	CO20383	1.52	4 1-	4ACSR	0	0	1885	334	16	1	1	0.00	0.34	0
CO738062407+	CO20384	1.62	0 1-	2ACSR	0	0	1842	333	0	0	0	0.00	0.34	0
CO20385+	CO20384	1.59	1 1-	4ACSR	0	0	1847	333	9	0	0	0.00	0.34	0
CO20257+	CO20427	1.14	1 1-	4ACSR	0	0	2101	342	11	0	1	0.00	0.32	0
CO20248+	CO20230	1.02	0 1-	4ACSR	0	0	2175	345	0	0	0	0.00	0.31	0
CO20247+	CO20230	1.02	2 1-	4ACSR	0	0	2176	345	1	0	0	0.00	0.31	0
CO20228+	CO20373	1.10	652 3-	4/0ACSR	2186	2195	2171	347	2950	66	20	0.07	0.37	281
CO20249+	CO20228	1.21	1 1-	4/0ACSR	0	0	2126	346	7	0	0	0.00	0.37	0
OC-1502923152+	CO20249	1.21	0 1-	15 N FUSE	0	0	2126	346	0	0	0	0.00	0.37	0
CO20386+	CO20228	1.15	651 3-	4/0ACSR	2171	2175	2149	346	2942	66	20	0.02	0.39	67
CO20387+	CO20386	1.19	651 3-	4/0ACSR	2160	2160	2132	346	2942	66	20	0.01	0.40	54
CO20388+	CO20387	1.27	651 3-	4/0ACSR	2139	2133	2102	346	2941	66	20	0.03	0.43	98
CO20389+	CO20388	1.41	651 3-	4/0ACSR	2101	2085	2048	345	2941	66	20	0.05	0.47	183
CO20231+	CO20389	1.50	650 3-	4/0ACSR	2078	2057	2015	344	2935	66	19	0.03	0.50	113
CO20390+	CO20231	1.54	2 1-	4/0ACSR	0	0	2002	344	10	0	0	0.00	0.50	0
OC-1852861877+	CO20390	1.54	1 1-	15 N FUSE	0	0	2002	344	8	0	4	0.00	0.50	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20391+	OC-1852861877	1.67	1 1-	4/0ACSR	0	0	1957	343	8	0	0	0.00	0.50	0
CO20392+	CO20391	1.71	0 1-	4/0ACSR	0	0	1946	343	0	0	0	0.00	0.50	0
CO20232+	CO20231	1.60	648 3-	4/0ACSR	2054	2028	1982	344	2925	66	19	0.03	0.53	119
CO20251+	CO20232	1.67	1 1-	4/0ACSR	0	0	1960	343	6	0	0	0.00	0.53	0
OC-2025263807+	CO20251	1.67	0 1-	15 N FUSE	0	0	1960	343	0	0	0	0.00	0.53	0
CO20233+	CO20232	1.71	647 3-	4/0ACSR	2026	1994	1944	343	2919	65	19	0.04	0.57	142
CO20428+	CO20233	1.72	4 1-	4ACSR	0	0	1940	343	18	1	1	0.00	0.57	0
OC614+	CO20428	1.72	4 1-	10 N FUSE	0	0	1940	343	18	1	13	0.00	0.57	0
CO20429+	OC614	1.76	4 1-	4ACSR	0	0	1920	342	18	1	1	0.00	0.57	0
CO20395+	CO20429	1.78	2 1-	4ACSR	0	0	1911	341	11	0	1	0.00	0.57	0
CO20396+	CO20395	1.98	0 1-	4ACSR	0	0	1817	337	0	0	0	0.00	0.57	0
CO20397+	CO20396	2.05	0 1-	4ACSR	0	0	1784	336	0	0	0	0.00	0.57	0
CO20398+	CO20397	2.10	0 1-	4ACSR	0	0	1761	335	0	0	0	0.00	0.57	0
CO23709+	CO20398	2.36	0 1-	4ACSR	0	0	1646	329	0	0	0	0.00	0.57	0
CO20394+	CO20429	1.82	1 1-	2ACSR	0	0	1896	341	7	0	0	0.00	0.57	0
CO20393+	CO20429	1.79	0 1-	2ACSR	0	0	1907	341	0	0	0	0.00	0.57	0
CO20271+	CO20429	1.85	0 1-	2ACSR	0	0	1880	340	0	0	0	0.00	0.57	0
CO20234+	CO20233	1.86	643 3-	4/0ACSR	1990	1951	1895	342	2900	65	19	0.05	0.62	187
CO20399+	CO20234	1.88	643 3-	4/0ACSR	1986	1945	1888	342	2899	65	19	0.01	0.62	24
CO20270+	CO20399	1.93	4 1-	2ACSR	0	0	1869	341	13	0	0	0.00	0.62	0
OC-1228369269+	CO20270	1.93	0 1-	15 N FUSE	0	0	1869	341	0	0	0	0.00	0.62	0
CO20400+	CO20399	2.05	639 3-	4/0ACSR	1947	1900	1836	341	2886	65	19	0.05	0.68	207
CO20401+	CO20400	2.11	637 3-	4/0ACSR	1934	1885	1820	340	2884	65	19	0.02	0.70	70
CO20402+	CO20401	2.14	637 3-	4/0ACSR	1929	1879	1812	340	2884	65	19	0.01	0.71	32
CO20430+	CO20402	2.14	0 1-	4/0ACSR	0	0	1810	340	0	0	0	0.00	0.71	0
OC615+	CO20430	2.14	0 1-	10 N FUSE	0	0	1810	340	0	0	0	0.00	0.71	0
CO20235+	CO20402	2.20	630 3-	4/0ACSR	1914	1862	1793	340	2845	64	19	0.02	0.73	79
CO30540+	CO20235	2.28	627 3-	4/0ACSR	1897	1842	1770	339	2823	63	19	0.03	0.75	95
CO20408+	CO30540	2.38	2 1-	4/0ACSR	0	0	1745	339	13	0	0	0.00	0.75	0
OC-1931761683+	CO20408	2.38	1 1-	15 N FUSE	0	0	1745	339	4	0	2	0.00	0.75	0
CO20409+	OC-1931761683	2.39	1 1-	4/0ACSR	0	0	1743	339	4	0	0	0.00	0.75	0
CO20236+	CO30540	2.40	625 3-	4/0ACSR	1873	1815	1739	339	2810	63	19	0.04	0.79	132
CO20411+	CO20236	2.42	2 1-	4/0ACSR	0	0	1735	339	22	1	0	0.00	0.79	0
OC-388389529+	CO20411	2.42	2 1-	15 N FUSE	0	0	1735	339	22	1	10	0.00	0.79	0
CO23708+	OC-388389529	2.53	1 1-	4/0ACSR	0	0	1705	338	15	1	0	0.00	0.79	0
CO23707+	OC-388389529	2.59	1 1-	4/0ACSR	0	0	1691	337	7	0	0	0.00	0.79	0
CO20410+	CO20236	2.47	623 3-	4/0ACSR	1857	1798	1719	338	2787	62	19	0.02	0.81	86
CO23706+	CO20410	2.59	623 3-	4/0ACSR	1834	1770	1690	337	2787	62	19	0.03	0.84	129
CO20827+	CO23706	2.66	623 3-	4/0ACSR	1819	1754	1671	337	2786	62	19	0.02	0.87	87
CO20866+	CO20827	2.79	4 1-	4/0ACSR	0	0	1641	336	17	1	0	0.00	0.87	0
OC1123540003+	CO20866	2.79	1 1-	15 N FUSE	0	0	1641	336	9	0	4	0.00	0.87	0
CO20865+	OC1123540003	2.90	1 1-	4/0ACSR	0	0	1615	335	9	0	0	0.00	0.87	0
CO20839+	CO20827	2.82	619 3-	4/0ACSR	1788	1721	1632	336	2769	62	18	0.05	0.92	181
CO20838+	CO20839	2.92	619 3-	4/0ACSR	1771	1702	1611	335	2768	62	18	0.03	0.94	103
CO20841+	CO20838	3.02	618 3-	4/0ACSR	1753	1682	1588	335	2758	62	18	0.03	0.98	111
CO20840+	CO20841	3.08	618 3-	4/0ACSR	1741	1670	1575	334	2757	62	18	0.02	0.99	68
CO20828+	CO20840	3.21	616 3-	4/0ACSR	1718	1646	1546	334	2750	62	18	0.04	1.03	145
CO20829+	CO20828	3.26	367 3-	1/0ACSR	1707	1634	1533	333	1489	33	14	0.01	1.05	33
CO22629+	CO20829	3.28	367 3-	1/0ACSR	1702	1628	1527	333	1489	33	14	0.01	1.05	15
CO22630+	CO22629	3.36	367 3-	1/0ACSR	1686	1612	1508	332	1489	33	14	0.02	1.07	48
CO22628+	CO22630	3.38	366 3-	1/0ACSR	1683	1608	1504	332	1486	33	14	0.00	1.08	12
CO22582+	CO22628	3.42	1 1-	1/0ACSR	0	0	1495	331	4	0	0	0.00	1.08	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC21134884994+	CO22582	3.42	0 1-	15 N FUSE	0	0	1495	331	0	0	0	0.00	1.08	0
CO22560+	CO22628	3.47	363 3-	1/0ACSR	1663	1587	1481	331	1465	32	14	0.02	1.10	57
CO22583+	CO22560	3.53	2 1-	1/0ACSR	0	0	1468	330	13	0	0	0.00	1.10	0
OC1467439709+	CO22583	3.53	0 1-	15 N FUSE	0	0	1468	330	0	0	0	0.00	1.10	0
CO22735+	CO22560	3.48	360 3-	1/0ACSR	1662	1586	1480	331	1437	32	14	0.00	1.10	4
OC693+	CO22735	3.48	360 3-	100 E OCR	1662	1586	1480	331	1437	32	32	0.00	1.10	0
CO22736+	OC693	3.53	360 3-	1/0ACSR	1651	1575	1467	330	1437	32	14	0.01	1.12	31
CO22627+	CO22736	3.57	358 3-	1/0ACSR	1644	1567	1459	330	1426	31	14	0.01	1.13	20
CO22625+	CO22627	3.71	356 3-	1/0ACSR	1617	1540	1427	328	1412	31	14	0.03	1.16	80
CO22626+	CO22625	3.75	356 3-	1/0ACSR	1610	1532	1419	328	1412	31	14	0.01	1.17	22
CO22621+	CO22626	3.81	350 3-	1/0ACSR	1597	1520	1405	327	1388	30	13	0.02	1.19	35
CO22622+	CO22621	4.25	350 3-	1/0ACSR	1518	1440	1317	323	1387	30	13	0.11	1.29	240
CO22620+	CO22622	4.50	349 3-	1/0ACSR	1475	1397	1270	321	1386	30	13	0.06	1.35	140
CO22733+	CO22620	4.51	2 1-	4ACSR	0	0	1268	320	1	0	0	0.00	1.35	0
OC686+	CO22733	4.51	2 1-	10 N FUSE	0	0	1268	320	1	0	0	0.00	1.35	0
CO22734+	OC686	4.66	2 1-	4ACSR	0	0	1233	318	1	0	0	0.00	1.35	0
CO22619+	CO22734	5.05	1 1-	4ACSR	0	0	1145	310	0	0	0	0.00	1.35	0
CO22618+	CO22619	5.12	1 1-	4ACSR	0	0	1130	309	0	0	0	0.00	1.35	0
CO22617+	CO22618	5.29	0 1-	4ACSR	0	0	1097	306	0	0	0	0.00	1.35	0
CO22585+	CO22620	4.86	1 1-	4ACSR	0	0	1186	314	0	0	0	0.00	1.35	0
CO22615+	CO22620	4.56	346 3-	1/0ACSR	1466	1388	1260	320	1385	30	13	0.01	1.37	32
CO22616+	CO22615	4.69	346 3-	1/0ACSR	1444	1367	1237	319	1385	30	13	0.03	1.40	73
CO22614+	CO22616	4.90	345 3-	1/0ACSR	1411	1335	1202	317	1382	30	13	0.05	1.45	116
CO22610+	CO22614	4.94	5 1-	1/0ACSR	0	0	1197	316	19	1	1	0.00	1.45	0
CO22612+	CO22610	5.01	3 1-	4ACSR	0	0	1181	315	10	0	0	0.00	1.45	0
CO22613+	CO22612	5.10	1 1-	4ACSR	0	0	1161	313	1	0	0	0.00	1.45	0
CO22611+	CO22610	5.00	2 1-	1/0ACSR	0	0	1187	316	9	0	0	0.00	1.45	0
CO22608+	CO22614	5.04	340 3-	1/0ACSR	1392	1315	1181	315	1363	30	13	0.03	1.48	70
CO22609+	CO22608	5.08	340 3-	1/0ACSR	1385	1309	1174	315	1362	30	13	0.01	1.49	22
CO22601+	CO22609	5.34	335 3-	1/0ACSR	1347	1272	1135	313	1351	30	13	0.06	1.55	139
CO23689+	CO22601	5.87	335 3-	1/0ACSR	1276	1204	1063	308	1351	30	13	0.12	1.68	277
CO22897+	CO23689	5.95	249 3-	1/0ACSR	1267	1195	1053	307	1028	22	10	0.01	1.69	23
CO22931+	CO22897	6.04	1 1-	1/0ACSR	0	0	1043	306	4	0	0	0.00	1.69	0
CO22900+	CO22897	6.18	248 3-	1/0ACSR	1238	1168	1025	305	1024	22	10	0.04	1.73	70
CO22935+	CO22900	6.22	1 1-	1/0ACSR	0	0	1021	305	13	0	0	0.00	1.73	0
CO23026+	CO22900	6.23	247 3-	1/0ACSR	1233	1163	1020	304	1011	22	10	0.01	1.74	13
CO23027+	CO23026	6.32	247 3-	1/0ACSR	1221	1152	1009	304	1011	22	10	0.02	1.75	29
CO22901+	CO23027	6.35	144 1-	4ACSR	0	0	1005	303	506	35	26	0.02	1.77	18
CO22902+	CO22901	6.54	144 1-	4ACSR	0	0	975	300	506	35	26	0.16	1.93	129
CO22937+	CO22902	6.63	0 1-	4ACSR	0	0	960	298	0	0	0	0.00	1.93	0
CO22951+	CO22937	6.68	0 1-	4ACSR	0	0	953	297	0	0	0	0.00	1.93	0
CO22906+	CO22902	6.60	144 1-	4ACSR	0	0	965	299	506	35	26	0.05	1.98	42
CO23096+	CO22906	6.60	144 1-	4ACSR	0	0	964	299	506	35	26	0.01	1.99	5
OC702+	CO23096	6.60	144 1-	50 E OCR	0	0	964	299	506	35	72	0.00	1.99	0
XFMR57	OC702	6.60	144 1-	333 KVA 1PH AUT	0	0	831	170	506	35	155	1.86	3.85	0
CO23097	XFMR57	6.71	144 1-	4ACSR	0	0	812	169	506	71	51	0.35	4.20	292
CO23034	CO23097	6.77	1 1-	4ACSR	0	0	802	168	3	0	0	0.00	4.20	0
CO23035	CO23034	6.92	1 1-	4ACSR	0	0	776	166	3	0	0	0.00	4.20	0
CO22948	CO23035	6.96	1 1-	4ACSR	0	0	769	166	3	0	0	0.00	4.20	0
CO22947	CO23035	6.96	0 1-	4ACSR	0	0	769	166	0	0	0	0.00	4.20	0
CO23001	CO23097	6.78	142 1-	4ACSR	0	0	799	168	501	71	51	0.24	4.44	199
CO23002	CO23001	6.89	141 1-	4ACSR	0	0	780	167	500	71	51	0.37	4.81	302

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23000	CO23002	6.99	140 1-	4ACSR	0	0	764	166	496	71	51	0.31	5.12	252
CO22903	CO23000	7.09	138 1-	4ACSR	0	0	747	165	492	70	50	0.34	5.45	273
CO23083	CO22903	7.26	137 1-	4ACSR	0	0	720	163	488	70	50	0.55	6.00	441
CO23084	CO23083	7.36	135 1-	4ACSR	0	0	705	162	479	69	49	0.32	6.32	253
CO22941	CO23084	7.41	1 1-	4ACSR	0	0	698	161	2	0	0	0.00	6.32	0
CO22904	CO23084	7.47	133 1-	4ACSR	0	0	687	161	475	68	49	0.38	6.69	299
CO22908	CO22904	7.57	7 1-	4ACSR	0	0	674	160	37	5	4	0.02	6.72	0
CO23091	CO22908	7.58	7 1-	4ACSR	0	0	673	160	37	5	4	0.00	6.72	0
OC699	CO23091	7.58	7 1-	25 H OCR	0	0	673	160	37	5	21	0.00	6.72	0
CO23092	OC699	7.76	7 1-	4ACSR	0	0	648	158	37	5	4	0.04	6.76	3
CO23064	CO23092	8.16	6 1-	4ACSR	0	0	596	154	35	5	4	0.10	6.86	6
CO22943	CO23064	8.31	0 1-	4ACSR	0	0	579	153	0	0	0	0.00	6.86	0
CO23059	CO23064	8.35	6 1-	4ACSR	0	0	575	153	35	5	4	0.04	6.90	3
CO23060	CO23059	8.36	6 1-	4ACSR	0	0	573	152	35	5	4	0.00	6.90	0
CO23061	CO23060	8.47	5 1-	4ACSR	0	0	561	151	21	3	2	0.02	6.92	0
CO23062	CO23061	8.55	5 1-	4ACSR	0	0	552	151	21	3	2	0.01	6.93	0
CO23669	CO23062	8.90	4 1-	4ACSR	0	0	517	148	7	1	1	0.02	6.95	0
CO23390	CO23669	8.93	0 1-	4ACSR	0	0	515	148	0	0	0	0.00	6.95	0
CO23418	CO23669	8.94	4 1-	4ACSR	0	0	514	147	7	1	1	0.00	6.95	0
CO23419	CO23418	9.08	4 1-	4ACSR	0	0	501	146	7	1	1	0.01	6.95	0
CO23420	CO23419	9.19	4 1-	4ACSR	0	0	491	145	7	1	1	0.01	6.96	0
CO23421	CO23420	9.41	1 1-	4ACSR	0	0	473	144	2	0	0	0.00	6.96	0
CO23670	CO23421	9.71	0 1-	4ACSR	0	0	450	141	0	0	0	0.00	6.96	0
CO23045	CO23670	9.80	0 1-	4ACSR	0	0	443	141	0	0	0	0.00	6.96	0
CO23046	CO23045	10.01	0 1-	4ACSR	0	0	429	139	0	0	0	0.00	6.96	0
CO23033	CO23670	9.86	0 1-	4ACSR	0	0	439	140	0	0	0	0.00	6.96	0
CO23671	CO23033	9.98	0 1-	4ACSR	0	0	431	139	0	0	0	0.00	6.96	0
CO23422	CO23671	10.04	0 1-	4ACSR	0	0	427	139	0	0	0	0.00	6.96	0
CO23423	CO23422	10.12	0 1-	4ACSR	0	0	422	138	0	0	0	0.00	6.96	0
CO23391	CO23420	9.25	1 1-	4ACSR	0	0	486	145	1	0	0	0.00	6.96	0
CO23395	CO23420	9.21	1 1-	4ACSR	0	0	490	145	3	0	0	0.00	6.96	0
CO22945	CO23062	8.61	1 1-	4ACSR	0	0	546	150	14	2	1	0.00	6.93	0
CO22944	CO22908	7.61	0 1-	4ACSR	0	0	668	159	0	0	0	0.00	6.72	0
CO22907	CO22904	7.59	2 1-	4ACSR	0	0	671	160	4	0	0	0.00	6.70	0
CO22942	CO22907	7.64	1 1-	4ACSR	0	0	664	159	0	0	0	0.00	6.70	0
CO23044	CO22907	7.70	1 1-	4ACSR	0	0	655	158	4	0	0	0.00	6.70	0
CO23099	CO23044	7.81	1 1-	4ACSR	0	0	640	157	4	0	0	0.00	6.70	0
CO23057	CO22904	7.63	124 1-	4ACSR	0	0	665	159	433	62	45	0.46	7.15	333
CO23058	CO23057	7.75	124 1-	4ACSR	0	0	649	158	431	62	45	0.33	7.49	240
CO22999	CO23058	7.86	123 1-	4ACSR	0	0	634	157	428	62	45	0.33	7.82	239
CO23100	CO22999	7.87	37 1-	4ACSR	0	0	633	157	137	20	14	0.01	7.82	0
OC700	CO23100	7.87	37 1-	25 H OCR	0	0	633	157	137	20	80	0.00	7.82	0
CO23093	OC700	7.97	1 1-	4ACSR	0	0	620	156	15	2	2	0.00	7.83	0
CO23098	OC700	8.28	36 1-	4ACSR	0	0	582	153	123	17	13	0.33	8.15	66
CO22920	CO23098	8.38	1 1-	4ACSR	0	0	571	152	6	0	1	0.00	8.15	0
CO22965	CO23098	8.36	34 1-	4ACSR	0	0	573	152	104	15	11	0.05	8.21	10
CO22966	CO22965	8.39	34 1-	4ACSR	0	0	570	152	104	15	11	0.02	8.23	4
CO23071	CO22966	8.44	1 1-	4ACSR	0	0	564	152	8	1	1	0.00	8.23	0
CO23072	CO23071	8.47	0 1-	4ACSR	0	0	561	151	0	0	0	0.00	8.23	0
CO23037	CO23072	8.49	0 1-	4ACSR	0	0	558	151	0	0	0	0.00	8.23	0
CO22895	CO22966	8.47	32 1-	4ACSR	0	0	561	151	96	14	10	0.05	8.28	9
CO22977	CO22895	8.51	28 1-	4ACSR	0	0	557	151	86	12	9	0.02	8.30	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23069	CO22977	8.63	27 1-	4ACSR	0	0	544	150	85	12	9	0.07	8.37	11
CO23070	CO23069	8.89	26 1-	4ACSR	0	0	519	148	85	12	9	0.15	8.52	21
CO22886	CO23070	9.05	25 1-	4ACSR	0	0	504	146	85	12	9	0.10	8.62	14
CO22912	CO22886	9.13	1 1-	4ACSR	0	0	497	146	5	0	1	0.00	8.62	0
CO22888	CO22886	9.33	24 1-	4ACSR	0	0	480	144	80	11	8	0.15	8.77	20
CO22887	CO22888	9.67	24 1-	4ACSR	0	0	453	142	80	11	8	0.18	8.95	25
CO22989	CO22887	9.73	23 1-	4ACSR	0	0	448	141	78	11	8	0.03	8.98	4
CO22990	CO22989	9.86	22 1-	4ACSR	0	0	439	140	69	10	7	0.06	9.04	7
CO22889	CO22990	9.99	2 1-	4ACSR	0	0	430	139	8	1	1	0.01	9.05	0
CO22915	CO22889	10.09	1 1-	4ACSR	0	0	424	138	2	0	0	0.00	9.05	0
CO22914	CO22889	10.16	1 1-	4ACSR	0	0	419	138	6	0	1	0.00	9.05	0
CO22959	CO22990	9.99	20 1-	4ACSR	0	0	430	139	60	8	6	0.05	9.09	4
CO23067	CO22959	10.13	17 1-	4ACSR	0	0	421	138	39	5	4	0.04	9.13	2
CO23068	CO23067	10.26	15 1-	4ACSR	0	0	413	137	35	5	4	0.03	9.16	0
CO-44028702	CO23068	10.31	15 1-	4ACSR	0	0	409	137	35	5	4	0.01	9.17	0
CO1368036759	CO-44028702	10.45	14 1-	4ACSR	0	0	401	136	31	4	3	0.03	9.20	0
CO22963	CO1368036759	10.57	13 1-	4ACSR	0	0	394	135	31	4	3	0.03	9.22	0
CO22964	CO22963	10.60	13 1-	4ACSR	0	0	392	135	31	4	3	0.01	9.23	0
CO22975	CO22964	10.91	12 1-	4ACSR	0	0	375	133	26	3	3	0.05	9.28	0
CO22976	CO22975	10.95	10 1-	4ACSR	0	0	373	132	18	2	2	0.00	9.28	0
CO22974	CO22976	11.03	6 1-	4ACSR	0	0	369	132	13	1	1	0.01	9.29	0
CO22973	CO22974	11.06	4 1-	4ACSR	0	0	367	132	11	1	1	0.00	9.29	0
CO22970	CO22973	11.10	4 1-	4ACSR	0	0	365	131	11	1	1	0.00	9.29	0
CO23679	CO22970	11.15	1 1-	4ACSR	0	0	363	131	3	0	0	0.00	9.29	0
CO23038	CO22970	11.15	3 1-	4ACSR	0	0	363	131	8	1	1	0.00	9.30	0
CO23073	CO23038	11.16	3 1-	4ACSR	0	0	362	131	8	1	1	0.00	9.30	0
CO23074	CO23073	11.18	2 1-	4ACSR	0	0	361	131	5	0	1	0.00	9.30	0
CO22916	CO1368036759	10.48	1 1-	4ACSR	0	0	399	136	0	0	0	0.00	9.20	0
CO1329563639	CO-44028702	10.60	1 1-	4ACSR	0	0	392	135	4	0	0	0.01	9.18	0
CO-1886072905	CO1329563639	10.82	1 1-	4ACSR	0	0	380	133	4	0	0	0.01	9.18	0
CO22919	CO-1886072905	10.85	1 1-	4ACSR	0	0	378	133	4	0	0	0.00	9.18	0
CO22918	CO-1886072905	11.09	0 1-	4ACSR	0	0	366	131	0	0	0	0.00	9.18	0
CO22917	CO-1886072905	10.88	0 1-	4ACSR	0	0	377	133	0	0	0	0.00	9.18	0
CO-18456230	CO1329563639	10.66	0 1-	2ACSR	0	0	389	134	0	0	0	0.00	9.18	0
CO23021	CO22888	9.65	0 1-	4ACSR	0	0	454	142	0	0	0	0.00	8.77	0
CO22962	CO23021	9.78	0 1-	4ACSR	0	0	445	141	0	0	0	0.00	8.77	0
CO22911	CO23070	9.23	0 1-	4ACSR	0	0	488	145	0	0	0	0.00	8.52	0
CO22971	CO22895	8.54	3 1-	2ACSR	0	0	555	151	7	1	1	0.00	8.28	0
CO23055	CO22971	8.63	2 1-	2ACSR	0	0	548	150	6	0	0	0.00	8.29	0
CO1944885174	CO23055	8.68	1 1-	2ACSR	0	0	543	150	5	0	0	0.00	8.29	0
CO23056	CO23055	8.67	1 1-	2ACSR	0	0	544	150	1	0	0	0.00	8.29	0
CO22928	CO22895	8.56	1 1-	4ACSR	0	0	552	151	2	0	0	0.00	8.28	0
CO22946	CO22999	7.91	1 1-	4ACSR	0	0	627	156	7	1	1	0.00	7.82	0
CO22905	CO22999	8.00	85 1-	4ACSR	0	0	616	156	282	41	30	0.27	8.08	127
CO22996	CO22905	8.13	82 1-	4ACSR	0	0	600	154	272	39	29	0.25	8.33	113
CO22997	CO22996	8.17	81 1-	4ACSR	0	0	595	154	269	39	28	0.07	8.40	32
CO23011	CO22997	8.25	0 1-	4ACSR	0	0	586	153	0	0	0	0.00	8.40	0
CO23012	CO23011	8.28	0 1-	4ACSR	0	0	582	153	0	0	0	0.00	8.40	0
CO22998	CO22997	8.28	81 1-	4ACSR	0	0	582	153	269	39	28	0.20	8.60	92
CO-1732276749	CO22998	8.32	79 1-	2ACSR	0	0	579	153	261	38	21	0.05	8.65	19
CO-1176421735	CO-1732276749	8.43	1 1-	2ACSR	0	0	569	152	9	1	1	0.00	8.65	0
CO1214509215	CO-1732276749	8.54	78 1-	2ACSR	0	0	559	152	253	37	21	0.27	8.92	109

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO168099290	CO1214509215	8.64	1 1-	2ACSR	0	0	550	151	2	0	0	0.00	8.92	0
CO194859253	CO168099290	8.75	1 1-	2ACSR	0	0	541	150	2	0	0	0.00	8.92	0
CO784457646	CO1214509215	8.70	77 1-	2ACSR	0	0	545	151	250	37	21	0.20	9.12	80
CO23424	CO784457646	8.83	77 1-	4ACSR	0	0	532	149	250	37	26	0.23	9.34	97
CO23462	CO23424	8.87	77 1-	4ACSR	0	0	528	149	249	37	26	0.07	9.41	30
CO23463	CO23462	8.96	76 1-	4ACSR	0	0	520	148	249	37	26	0.15	9.56	64
CO23493	CO23463	8.97	8 1-	4ACSR	0	0	519	148	20	3	2	0.00	9.56	0
OC709	CO23493	8.97	8 1-	25 H OCR	0	0	519	148	20	3	12	0.00	9.56	0
CO23494	OC709	9.11	8 1-	4ACSR	0	0	506	147	20	3	2	0.02	9.58	0
CO23461	CO23494	9.15	7 1-	4ACSR	0	0	502	147	20	3	2	0.01	9.59	0
CO23426	CO23461	9.53	7 1-	4ACSR	0	0	471	144	20	3	2	0.04	9.63	0
CO23383	CO23426	9.78	6 1-	4ACSR	0	0	451	142	14	2	2	0.02	9.66	0
CO23384	CO23383	9.95	6 1-	4ACSR	0	0	439	140	14	2	2	0.02	9.68	0
CO23441	CO23384	10.04	0 1-	4ACSR	0	0	433	140	0	0	0	0.00	9.68	0
CO23442	CO23441	10.11	0 1-	4ACSR	0	0	428	139	0	0	0	0.00	9.68	0
CO23385	CO23384	10.08	6 1-	4ACSR	0	0	430	139	14	2	2	0.01	9.69	0
CO23490	CO23385	10.35	6 1-	4ACSR	0	0	413	137	14	2	2	0.03	9.71	0
CO23399	CO23490	11.25	2 1-	4ACSR	0	0	362	131	2	0	0	0.01	9.72	0
CO23400	CO23399	11.35	0 1-	4ACSR	0	0	357	130	0	0	0	0.00	9.72	0
CO23377	CO23400	11.44	0 1-	4ACSR	0	0	353	130	0	0	0	0.00	9.72	0
CO23434	CO23377	11.45	0 1-	4ACSR	0	0	353	130	0	0	0	0.00	9.72	0
CO23435	CO23434	11.50	0 1-	4ACSR	0	0	351	130	0	0	0	0.00	9.72	0
CO23401	CO23377	11.64	0 1-	4ACSR	0	0	344	129	0	0	0	0.00	9.72	0
CO23402	CO23401	11.93	0 1-	4ACSR	0	0	331	127	0	0	0	0.00	9.72	0
CO23403	CO23402	12.10	0 1-	4ACSR	0	0	324	126	0	0	0	0.00	9.72	0
CO23660	CO23400	12.02	0 1-	4ACSR	0	0	328	126	0	0	0	0.00	9.72	0
CO23613	CO23660	12.10	0 1-	4ACSR	0	0	325	126	0	0	0	0.00	9.72	0
CO23375	CO23490	10.44	3 1-	4ACSR	0	0	407	137	12	1	1	0.01	9.72	0
CO23376	CO23375	10.67	3 1-	4ACSR	0	0	393	135	12	1	1	0.02	9.74	0
CO23398	CO23376	10.84	3 1-	4ACSR	0	0	384	134	12	1	1	0.01	9.75	0
CO23469	CO23398	11.05	2 1-	4ACSR	0	0	372	132	8	1	1	0.01	9.76	0
CO23470	CO23469	11.11	1 1-	4ACSR	0	0	369	132	8	1	1	0.00	9.76	0
CO23389	CO23376	10.73	0 1-	4ACSR	0	0	390	135	0	0	0	0.00	9.74	0
CO23388	CO23375	10.50	0 1-	4ACSR	0	0	403	136	0	0	0	0.00	9.72	0
CO23393	CO23385	10.18	0 1-	4ACSR	0	0	424	139	0	0	0	0.00	9.69	0
CO23439	CO23383	9.84	0 1-	4ACSR	0	0	447	141	0	0	0	0.00	9.66	0
CO23440	CO23439	9.96	0 1-	4ACSR	0	0	438	140	0	0	0	0.00	9.66	0
CO23498	CO23426	9.76	0 1-	4ACSR	0	0	453	142	0	0	0	0.00	9.63	0
CO23468	CO23498	9.92	0 1-	4ACSR	0	0	441	141	0	0	0	0.00	9.63	0
CO23397	CO23468	10.04	0 1-	4ACSR	0	0	432	140	0	0	0	0.00	9.63	0
CO23464	CO23463	9.00	68 1-	4ACSR	0	0	516	148	229	34	24	0.06	9.62	23
CO23465	CO23464	9.06	67 1-	4ACSR	0	0	511	147	211	31	22	0.08	9.71	30
CO23425	CO23465	9.25	65 1-	4ACSR	0	0	494	146	204	30	22	0.27	9.97	94
CO23475	CO23425	9.32	65 1-	4ACSR	0	0	487	145	203	30	22	0.10	10.08	35
CO23479	CO23475	9.39	64 1-	4ACSR	0	0	482	145	196	29	21	0.09	10.16	30
CO23480	CO23479	9.56	63 1-	4ACSR	0	0	468	143	196	29	21	0.23	10.39	77
CO23478	CO23480	9.65	63 1-	4ACSR	0	0	461	143	196	29	21	0.13	10.52	44
CO23477	CO23478	9.68	63 1-	4ACSR	0	0	459	142	195	29	21	0.04	10.56	13
CO23476	CO23477	9.93	63 1-	4ACSR	0	0	441	141	195	29	21	0.33	10.90	112
CO23481	CO23476	10.01	63 1-	4ACSR	0	0	435	140	195	29	21	0.12	11.01	40
CO23482	CO23481	10.18	62 1-	4ACSR	0	0	423	139	193	29	21	0.23	11.24	76
CO23394	CO23482	10.30	0 1-	4ACSR	0	0	416	138	0	0	0	0.00	11.24	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23483	CO23482	10.22	62 1-	4ACSR	0	0	420	138	193	29	21	0.06	11.30	19
CO23484	CO23483	10.28	61 1-	4ACSR	0	0	417	138	190	28	21	0.07	11.37	24
CO23486	CO23484	10.35	61 1-	4ACSR	0	0	413	137	190	28	21	0.09	11.46	30
CO23487	CO23486	10.42	60 1-	4ACSR	0	0	408	137	188	28	20	0.09	11.55	30
CO23485	CO23487	10.74	59 1-	4ACSR	0	0	389	135	180	27	19	0.41	11.96	128
CO23457	CO23485	10.86	1 1-	4ACSR	0	0	382	134	4	0	0	0.00	11.96	0
CO23458	CO23457	10.91	0 1-	4ACSR	0	0	380	133	0	0	0	0.00	11.96	0
CO23432	CO23458	11.10	0 1-	4ACSR	0	0	370	132	0	0	0	0.00	11.96	0
CO23433	CO23432	11.13	0 1-	4ACSR	0	0	368	132	0	0	0	0.00	11.96	0
CO23459	CO23485	10.81	58 1-	4ACSR	0	0	385	134	175	26	19	0.08	12.04	26
CO23460	CO23459	10.88	57 1-	4ACSR	0	0	381	134	174	26	19	0.08	12.13	26
CO23427	CO23460	10.99	56 1-	4ACSR	0	0	376	133	172	26	19	0.13	12.26	41
CO23445	CO23427	11.05	2 1-	4ACSR	0	0	372	132	8	1	1	0.00	12.27	0
CO23446	CO23445	11.15	2 1-	4ACSR	0	0	368	132	8	1	1	0.00	12.27	0
CO23386	CO23427	11.15	54 1-	4ACSR	0	0	368	132	164	24	18	0.18	12.44	51
CO23447	CO23386	11.18	2 1-	4ACSR	0	0	366	132	3	0	0	0.00	12.44	0
CO23448	CO23447	11.24	1 1-	4ACSR	0	0	363	131	0	0	0	0.00	12.44	0
CO23387	CO23386	11.22	52 1-	4ACSR	0	0	364	131	160	24	17	0.08	12.53	24
CO23488	CO23387	11.29	52 1-	4ACSR	0	0	361	131	160	24	17	0.07	12.60	20
CO23489	CO23488	11.30	51 1-	4ACSR	0	0	360	131	155	23	17	0.01	12.61	4
CO23661	CO23489	11.61	51 1-	4ACSR	0	0	345	129	155	23	17	0.32	12.94	84
CO23655	CO23661	11.62	22 1-	4ACSR	0	0	345	129	86	13	9	0.00	12.94	0
OC716	CO23655	11.62	22 1-	15 H OCR	0	0	345	129	86	13	88	0.00	12.94	0
CO23656	OC716	11.65	22 1-	4ACSR	0	0	344	129	86	13	9	0.02	12.96	3
CO23597	CO23656	11.69	18 1-	4ACSR	0	0	342	128	65	9	7	0.02	12.97	2
CO23598	CO23597	11.72	15 1-	4ACSR	0	0	341	128	50	7	5	0.01	12.98	0
CO23615	CO23598	11.75	3 1-	4ACSR	0	0	339	128	3	0	0	0.00	12.98	0
CO23662	CO23615	11.83	3 1-	4ACSR	0	0	336	127	3	0	0	0.00	12.99	0
CO23355	CO23662	11.92	3 1-	4ACSR	0	0	332	127	3	0	0	0.00	12.99	0
CO23305	CO23355	12.04	2 1-	4ACSR	0	0	327	126	1	0	0	0.00	12.99	0
CO23358	CO23305	12.22	0 1-	4ACSR	0	0	320	125	0	0	0	0.00	12.99	0
CO23359	CO23358	12.32	0 1-	4ACSR	0	0	316	124	0	0	0	0.00	12.99	0
CO23314	CO23359	12.37	0 1-	4ACSR	0	0	314	124	0	0	0	0.00	12.99	0
CO23313	CO23359	12.45	0 1-	4ACSR	0	0	311	124	0	0	0	0.00	12.99	0
CO23315	CO23305	12.10	2 1-	4ACSR	0	0	325	126	1	0	0	0.00	12.99	0
CO23356	CO23355	11.97	1 1-	4ACSR	0	0	330	126	2	0	0	0.00	12.99	0
CO23357	CO23356	12.03	0 1-	4ACSR	0	0	327	126	0	0	0	0.00	12.99	0
CO23614	CO23598	11.76	12 1-	4ACSR	0	0	339	128	47	7	5	0.02	13.00	0
CO23650	CO23614	11.78	12 1-	4ACSR	0	0	338	128	47	7	5	0.00	13.00	0
CO23651	CO23650	11.79	12 1-	4ACSR	0	0	337	128	47	7	5	0.01	13.01	0
CO23640	CO23651	11.80	10 1-	4ACSR	0	0	337	128	40	6	4	0.00	13.01	0
CO23677	CO23640	11.87	10 1-	4ACSR	0	0	334	127	40	6	4	0.02	13.03	0
CO23678	CO23677	11.94	6 1-	4ACSR	0	0	331	127	20	3	2	0.01	13.04	0
CO23639	CO23678	12.00	6 1-	4ACSR	0	0	329	126	20	3	2	0.01	13.04	0
CO-1405152720	CO23639	12.01	0 1-	2ACSR	0	0	328	126	0	0	0	0.00	13.04	0
CO23638	CO23639	12.06	3 1-	4ACSR	0	0	326	126	8	1	1	0.00	13.05	0
CO23637	CO23638	12.11	1 1-	4ACSR	0	0	324	126	3	0	0	0.00	13.05	0
CO23374	CO23677	11.91	1 1-	4ACSR	0	0	332	127	7	1	1	0.00	13.03	0
CO23657	CO23374	12.11	0 1-	4ACSR	0	0	324	126	0	0	0	0.00	13.03	0
CO23610	CO23597	11.72	2 1-	4ACSR	0	0	340	128	14	2	2	0.00	12.98	0
CO23648	CO23656	11.67	4 1-	4ACSR	0	0	343	128	21	3	2	0.00	12.96	0
CO23649	CO23648	11.70	2 1-	4ACSR	0	0	341	128	10	1	1	0.00	12.96	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23609	CO23649	11.73	2 1-	4ACSR	0	0	340	128	10	1	1	0.00	12.96	0
CO23599	CO23661	11.67	24 1-	4ACSR	0	0	343	128	49	7	5	0.02	12.95	0
CO23653	CO23599	11.70	19 1-	4ACSR	0	0	342	128	44	6	5	0.01	12.96	0
OC715	CO23653	11.70	19 1-	35 H OCR	0	0	342	128	44	6	19	0.00	12.96	0
CO23654	OC715	11.70	19 1-	4ACSR	0	0	341	128	44	6	5	0.00	12.96	0
CO23636	CO23654	11.78	19 1-	4ACSR	0	0	338	128	44	6	5	0.02	12.99	0
CO23641	CO23636	11.94	17 1-	4ACSR	0	0	331	127	44	6	5	0.05	13.04	4
CO23642	CO23641	12.12	17 1-	4ACSR	0	0	324	126	44	6	5	0.06	13.09	4
CO23616	CO23642	12.78	16 1-	4ACSR	0	0	299	122	42	6	5	0.20	13.29	15
CO23617	CO23616	12.93	16 1-	4ACSR	0	0	294	121	42	6	5	0.05	13.34	3
CO23618	CO23617	13.09	16 1-	4ACSR	0	0	289	120	42	6	5	0.05	13.38	4
CO23634	CO23618	13.10	1 1-	4ACSR	0	0	289	120	2	0	0	0.00	13.38	0
CO23623	CO23634	13.13	0 1-	4ACSR	0	0	288	120	0	0	0	0.00	13.38	0
CO23643	CO23618	13.31	15 1-	4ACSR	0	0	282	119	40	6	4	0.06	13.45	4
CO23644	CO23643	13.37	15 1-	4ACSR	0	0	280	118	40	6	4	0.02	13.46	0
CO23619	CO23644	13.42	15 1-	4ACSR	0	0	279	118	40	6	4	0.02	13.48	0
CO23620	CO23619	13.48	15 1-	4ACSR	0	0	277	118	40	6	4	0.02	13.49	0
CO23601	CO23620	13.67	0 1-	4ACSR	0	0	271	117	0	0	0	0.00	13.49	0
CO23600	CO23620	13.67	15 1-	4ACSR	0	0	271	117	40	6	4	0.05	13.55	4
CO23628	CO23600	13.79	13 1-	4ACSR	0	0	268	116	37	5	4	0.03	13.58	0
CO23629	CO23628	13.91	12 1-	4ACSR	0	0	265	116	30	4	3	0.03	13.60	0
CO23625	CO23629	14.21	0 1-	4ACSR	0	0	257	114	0	0	0	0.00	13.60	0
CO23622	CO23625	14.28	0 1-	4ACSR	0	0	255	114	0	0	0	0.00	13.60	0
CO23624	CO23629	14.12	12 1-	4ACSR	0	0	259	114	30	4	3	0.05	13.65	2
CO23595	CO23624	14.22	11 1-	4ACSR	0	0	257	114	28	4	3	0.02	13.67	0
CO23631	CO23595	14.40	10 1-	4ACSR	0	0	252	113	26	4	3	0.03	13.70	0
CO23632	CO23631	14.46	10 1-	4ACSR	0	0	251	113	26	4	3	0.01	13.71	0
CO23605	CO23632	14.53	1 1-	4ACSR	0	0	249	112	6	0	1	0.00	13.71	0
CO23604	CO23632	14.60	1 1-	4ACSR	0	0	247	112	0	0	0	0.00	13.71	0
CO23626	CO23632	14.56	8 1-	4ACSR	0	0	248	112	20	3	2	0.01	13.73	0
CO23627	CO23626	14.79	8 1-	4ACSR	0	0	243	111	20	3	2	0.03	13.76	0
CO23606	CO23627	14.99	0 1-	4ACSR	0	0	238	110	0	0	0	0.00	13.76	0
CO23633	CO23627	14.85	8 1-	4ACSR	0	0	241	111	20	3	2	0.01	13.77	0
CO23646	CO23633	14.90	8 1-	4ACSR	0	0	240	111	20	3	2	0.01	13.77	0
CO23647	CO23646	14.92	8 1-	4ACSR	0	0	240	110	20	3	2	0.00	13.78	0
CO23596	CO23647	15.07	8 1-	4ACSR	0	0	237	110	20	3	2	0.02	13.80	0
CO23608	CO23596	15.15	0 1-	4ACSR	0	0	235	109	0	0	0	0.00	13.80	0
CO23645	CO23596	15.21	8 1-	4ACSR	0	0	234	109	20	3	2	0.02	13.82	0
CO23659	CO23645	15.47	8 1-	4ACSR	0	0	228	108	20	3	2	0.03	13.84	0
CO23449	CO23659	15.58	7 1-	4ACSR	0	0	226	107	8	1	1	0.01	13.85	0
CO23658	CO23449	15.80	3 1-	4ACSR	0	0	222	106	1	0	0	0.00	13.85	0
CO23630	CO23658	15.96	2 1-	4ACSR	0	0	219	106	1	0	0	0.00	13.85	0
CO23612	CO23630	16.04	1 1-	4ACSR	0	0	217	105	1	0	0	0.00	13.85	0
CO23450	CO23449	15.80	3 1-	4ACSR	0	0	222	106	7	1	1	0.01	13.86	0
CO23451	CO23450	15.84	2 1-	4ACSR	0	0	221	106	3	0	0	0.00	13.86	0
CO23404	CO23451	15.87	2 1-	4ACSR	0	0	220	106	3	0	0	0.00	13.86	0
CO23378	CO23404	16.10	2 1-	4ACSR	0	0	216	105	3	0	0	0.00	13.86	0
CO23466	CO23378	16.16	0 1-	4ACSR	0	0	215	105	0	0	0	0.00	13.86	0
CO23467	CO23466	16.25	0 1-	4ACSR	0	0	213	104	0	0	0	0.00	13.86	0
CO23495	CO23404	15.90	0 1-	4ACSR	0	0	220	106	0	0	0	0.00	13.86	0
CO23497	CO23495	15.91	0 1-	4ACSR	0	0	220	106	0	0	0	0.00	13.86	0
CO23607	CO23647	14.99	0 1-	4ACSR	0	0	238	110	0	0	0	0.00	13.78	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23603	CO23595	14.34	1 1-	4ACSR	0	0	254	113	1	0	0	0.00	13.67	0
CO23602	CO23624	14.18	1 1-	4ACSR	0	0	258	114	2	0	0	0.00	13.65	0
CO23635	CO23600	13.76	2 1-	4ACSR	0	0	269	116	3	0	0	0.00	13.55	0
CO23652	CO23635	13.85	1 1-	4ACSR	0	0	266	116	2	0	0	0.00	13.55	0
CO23621	CO23652	13.93	1 1-	4ACSR	0	0	264	115	2	0	0	0.00	13.55	0
CO23611	CO23599	11.70	3 1-	4ACSR	0	0	341	128	1	0	0	0.00	12.95	0
CO23428	CO23387	11.41	0 1-	4ACSR	0	0	355	130	0	0	0	0.00	12.53	0
CO23429	CO23428	11.47	0 1-	4ACSR	0	0	352	130	0	0	0	0.00	12.53	0
CO23430	CO23429	11.52	0 1-	4ACSR	0	0	350	129	0	0	0	0.00	12.53	0
CO23431	CO23430	11.99	0 1-	4ACSR	0	0	329	126	0	0	0	0.00	12.53	0
CO23443	CO23465	9.29	2 1-	4ACSR	0	0	490	146	8	1	1	0.01	9.71	0
CO23444	CO23443	9.38	1 1-	4ACSR	0	0	482	145	0	0	0	0.00	9.71	0
CO23392	CO23424	8.94	0 1-	4ACSR	0	0	522	149	0	0	0	0.00	9.34	0
CO-1263826398	CO22998	8.35	1 1-	2ACSR	0	0	576	153	7	0	1	0.00	8.60	0
CO23007	CO22905	8.07	3 1-	4ACSR	0	0	607	155	10	1	1	0.00	8.09	0
CO23008	CO23007	8.10	3 1-	4ACSR	0	0	604	155	10	1	1	0.00	8.09	0
CO22956	CO23083	7.29	2 1-	4ACSR	0	0	715	163	6	0	1	0.00	6.00	0
CO22940	CO22903	7.13	1 1-	4ACSR	0	0	740	164	3	0	0	0.00	5.45	0
CO22939	CO23000	7.06	1 1-	4ACSR	0	0	751	165	0	0	0	0.00	5.12	0
CO22938+	CO22901	6.54	0 1-	4ACSR	0	0	975	300	0	0	0	0.00	1.77	0
CO23028+	CO23027	6.36	102 3-	1/0ACSR	1217	1147	1005	303	501	12	5	0.00	1.75	3
CO23029+	CO23028	6.40	102 3-	1/0ACSR	1212	1143	1000	303	501	12	5	0.00	1.76	3
CO23065+	CO23029	6.45	2 1-	1/0ACSR	0	0	994	303	13	0	0	0.00	1.76	0
CO23066+	CO23065	6.52	1 1-	1/0ACSR	0	0	986	302	7	0	0	0.00	1.76	0
CO22953+	CO23029	6.56	1 1-	2ACSR	0	0	979	301	4	0	0	0.00	1.76	0
CO23030+	CO23029	6.43	99 3-	1/0ACSR	1208	1139	996	303	484	11	5	0.00	1.76	3
CO23031+	CO23030	6.51	99 3-	1/0ACSR	1200	1131	987	302	484	11	5	0.00	1.76	6
CO30681+	CO23031	6.55	97 3-	1/0ACSR	1195	1127	983	302	476	10	5	0.00	1.76	3
CO23688+	CO30681	6.85	97 3-	1/0ACSR	1162	1095	951	299	476	10	5	0.03	1.79	20
CO22659+	CO23688	6.89	3 1-	2ACSR	0	0	947	298	21	1	1	0.00	1.79	0
CO22599+	CO22659	6.91	1 1-	2ACSR	0	0	944	298	5	0	0	0.00	1.79	0
CO22660+	CO22659	6.91	2 1-	2ACSR	0	0	944	298	16	1	1	0.00	1.79	0
CO22658+	CO22660	6.94	2 1-	2ACSR	0	0	941	298	16	1	1	0.00	1.79	0
CO22657+	CO22658	6.99	1 1-	2ACSR	0	0	935	297	9	0	0	0.00	1.80	0
CO22656+	CO22657	7.03	1 1-	2ACSR	0	0	930	297	9	0	0	0.00	1.80	0
CO22661+	CO23688	6.87	44 1-	4ACSR	0	0	948	299	265	18	13	0.01	1.80	4
CO22662+	CO22661	6.89	43 1-	4ACSR	0	0	945	298	253	17	12	0.01	1.81	3
CO22731+	CO22662	6.91	42 1-	4ACSR	0	0	942	298	243	16	12	0.01	1.82	2
CO22732+	CO22731	6.92	42 1-	4ACSR	0	0	942	298	243	16	12	0.00	1.82	0
XFMR333	CO22732	6.92	42 1-	333 KVA 1PH AUT	0	0	822	170	243	16	72	0.52	2.34	0
CO30563	XFMR333	6.97	42 1-	4ACSR	0	0	813	169	243	33	24	0.07	2.41	28
CO22655	CO30563	7.11	40 1-	4ACSR	0	0	788	167	236	32	23	0.21	2.62	77
CO22591	CO22655	7.20	4 1-	4ACSR	0	0	773	167	15	2	2	0.00	2.62	0
CO22653	CO22591	7.24	2 1-	4ACSR	0	0	767	166	3	0	0	0.00	2.62	0
CO22654	CO22653	7.27	1 1-	4ACSR	0	0	761	166	0	0	0	0.00	2.62	0
CO22652	CO22655	7.13	33 1-	4ACSR	0	0	784	167	202	27	20	0.02	2.64	8
CO22651	CO22652	7.19	33 1-	4ACSR	0	0	774	167	202	27	20	0.07	2.71	24
CO22650	CO22651	7.25	31 1-	4ACSR	0	0	765	166	199	27	19	0.07	2.78	23
CO22649	CO22650	7.30	30 1-	4ACSR	0	0	757	166	196	26	19	0.06	2.84	17
CO22595	CO22649	7.34	2 1-	4ACSR	0	0	749	165	16	2	2	0.00	2.84	0
CO22566	CO22649	7.39	27 1-	4ACSR	0	0	742	165	167	22	16	0.10	2.94	27
CO22590	CO22566	7.44	1 1-	4ACSR	0	0	734	164	3	0	0	0.00	2.94	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22565	CO22566	7.43	26 1-	4ACSR	0	0	736	164	164	22	16	0.04	2.98	10
CO22894	CO22565	7.73	23 1-	4ACSR	0	0	689	161	144	19	14	0.27	3.25	64
CO22926	CO22894	7.80	22 1-	4ACSR	0	0	679	160	140	19	14	0.06	3.30	13
CO-1225158946	CO22926	7.85	21 1-	2ACSR	0	0	674	160	129	17	10	0.03	3.33	5
CO617925667	CO-1225158946	8.00	21 1-	2ACSR	0	0	656	159	129	17	10	0.08	3.41	16
CO301519643	CO617925667	8.08	20 1-	2ACSR	0	0	647	159	119	16	9	0.04	3.45	8
CO23039	CO301519643	8.10	20 1-	4ACSR	0	0	644	158	119	16	12	0.01	3.47	3
CO23086	CO23039	8.13	2 1-	4ACSR	0	0	640	158	8	1	1	0.00	3.47	0
CO23085	CO23039	8.12	18 1-	4ACSR	0	0	643	158	111	15	11	0.01	3.47	0
CO22991	CO23085	8.22	18 1-	4ACSR	0	0	630	157	111	15	11	0.07	3.54	12
CO22893	CO22991	8.28	15 1-	4ACSR	0	0	621	157	94	12	9	0.04	3.58	6
CO22992	CO22893	8.43	15 1-	4ACSR	0	0	603	155	94	12	9	0.09	3.67	14
OC1617453970	CO22992	8.43	15 1-	20 N FUSE	0	0	603	155	94	12	65	0.00	3.67	0
CO23088	OC1617453970	8.58	15 1-	4ACSR	0	0	585	154	94	12	9	0.08	3.75	12
CO22952	CO23088	8.72	1 1-	2ACSR	0	0	573	153	0	0	0	0.00	3.75	0
CO23087	CO23088	8.61	11 1-	4ACSR	0	0	582	154	82	11	8	0.01	3.76	0
CO22993	CO23087	8.66	9 1-	4ACSR	0	0	576	153	60	8	6	0.02	3.78	0
CO22957	CO22993	8.70	3 1-	4ACSR	0	0	572	153	14	1	1	0.00	3.78	0
CO22958	CO22957	8.72	3 1-	4ACSR	0	0	570	153	14	1	1	0.00	3.78	0
CO22995	CO22958	8.84	2 1-	4ACSR	0	0	557	152	13	1	1	0.01	3.79	0
CO22994	CO22995	8.90	1 1-	4ACSR	0	0	550	151	4	0	0	0.00	3.79	0
CO23006	CO22993	8.70	3 1-	4ACSR	0	0	572	153	35	4	3	0.01	3.79	0
CO23089	CO23006	8.91	3 1-	4ACSR	0	0	549	151	35	4	3	0.05	3.83	3
CO23050	CO23089	8.97	1 1-	2ACSR	0	0	545	151	6	0	0	0.00	3.84	0
CO23051	CO23050	9.02	1 1-	2ACSR	0	0	541	150	6	0	0	0.00	3.84	0
CO23090	CO23089	8.94	2 1-	4ACSR	0	0	546	151	29	3	3	0.00	3.84	0
CO22972	CO23090	8.98	1 1-	4ACSR	0	0	542	150	12	1	1	0.00	3.84	0
CO22924	CO22972	8.74	1 1-	4ACSR	0	0	568	153	6	0	1	0.00	3.78	0
CO22923	CO22924	8.74	0 1-	4ACSR	0	0	568	153	0	0	0	0.00	3.78	0
CO22925	CO22923	8.32	2 1-	4ACSR	0	0	617	156	9	1	1	0.00	3.54	0
CO1175843558	CO22925	8.10	0 1-	2ACSR	0	0	645	158	0	0	0	0.00	3.41	0
CO22892	CO1175843558	7.86	0 1-	4ACSR	0	0	672	160	0	0	0	0.00	3.25	0
CO23848	CO22892	7.90	0 1-	4ACSR	0	0	665	159	0	0	0	0.00	3.25	0
CO23847	CO23848	7.96	0 1-	4ACSR	0	0	657	159	0	0	0	0.00	3.25	0
CO30647	CO23847	7.99	0 1-	4ACSR	0	0	653	159	0	0	0	0.00	3.25	0
CO30648	CO30647	7.99	0 1-	4ACSR	0	0	653	159	0	0	0	0.00	3.25	0
CO23687	CO30648	7.98	0 1-	4ACSR	0	0	655	159	0	0	0	0.00	3.25	0
CO22927	CO23687	7.77	1 1-	4ACSR	0	0	683	161	5	0	0	0.00	3.25	0
CO22955	CO22927	7.49	1 1-	2ACSR	0	0	728	164	12	1	1	0.00	2.98	0
CO22592	CO22955	6.99	0 1-	4ACSR	0	0	808	169	0	0	0	0.00	2.34	0
XFMR56	CO22592	6.85	48 1-	333 KVA 1PH AUT	0	0	824	170	173	12	52	0.57	2.37	0
CO22561	XFMR56	7.01	48 1-	4ACSR	0	0	797	168	173	24	17	0.18	2.54	50
CO22729	CO22561	7.02	47 1-	4ACSR	0	0	796	168	172	24	17	0.01	2.55	0
OC687	CO22729	7.02	47 1-	35 H OCR	0	0	796	168	172	24	69	0.00	2.55	0
CO22730	OC687	7.09	47 1-	4ACSR	0	0	782	167	172	24	17	0.09	2.64	24
CO22665	CO22730	7.13	47 1-	4ACSR	0	0	776	167	172	24	17	0.04	2.68	12
CO22562	CO22665	7.26	45 1-	4ACSR	0	0	755	165	172	24	17	0.14	2.82	39
CO2141777241	CO22562	7.35	0 1-	2ACSR	0	0	742	165	0	0	0	0.00	2.82	0
CO22666	CO2141777241	7.72	44 1-	4ACSR	0	0	683	161	167	23	17	0.50	3.32	135
CO22667	CO22666	7.86	43 1-	4ACSR	0	0	664	159	163	23	16	0.15	3.47	39
CO22668	CO22667	7.89	43 1-	4ACSR	0	0	659	159	163	23	16	0.04	3.50	10
CO22567	CO22668	7.91	1 1-	4ACSR	0	0	657	159	0	0	0	0.00	3.50	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22588	CO22567	7.96	1 1-	4ACSR	0	0	651	158	0	0	0	0.00	3.50	0
CO22544	CO22668	7.99	29 1-	4ACSR	0	0	647	158	98	13	10	0.06	3.56	9
CO22688	CO22544	8.12	25 1-	4ACSR	0	0	629	157	84	11	8	0.08	3.64	10
CO22689	CO22688	8.30	24 1-	4ACSR	0	0	607	155	84	11	8	0.09	3.73	13
CO22569	CO22689	8.34	0 1-	4ACSR	0	0	602	155	0	0	0	0.00	3.73	0
CO22545	CO22689	8.64	24 1-	4ACSR	0	0	567	152	84	11	8	0.18	3.91	23
CO22546	CO22545	8.68	20 1-	4ACSR	0	0	563	152	64	9	6	0.01	3.93	0
CO22707	CO22546	8.98	8 1-	4ACSR	0	0	532	149	33	4	3	0.07	3.99	4
CO22600	CO22707	9.04	1 1-	2ACSR	0	0	528	149	5	0	0	0.00	3.99	0
CO22708	CO22707	9.05	7 1-	4ACSR	0	0	525	149	28	3	3	0.01	4.01	0
CO22547	CO22708	9.19	6 1-	4ACSR	0	0	512	147	24	3	2	0.02	4.03	0
CO22709	CO22547	9.26	1 1-	4/0ACSR	0	0	509	147	8	1	0	0.00	4.03	0
CO22710	CO22709	9.31	0 1-	4/0ACSR	0	0	506	147	0	0	0	0.00	4.03	0
CO22581	CO22709	9.31	1 1-	4/0ACSR	0	0	507	147	8	1	0	0.00	4.03	0
CO22548	CO22547	9.32	4 1-	4ACSR	0	0	500	146	16	2	2	0.01	4.04	0
CO23700	CO22548	9.41	2 1-	4ACSR	0	0	492	146	5	0	1	0.00	4.04	0
CO21887	CO23700	9.44	1 1-	4ACSR	0	0	490	145	2	0	0	0.00	4.04	0
CO21888	CO21887	9.64	1 1-	4ACSR	0	0	474	144	2	0	0	0.00	4.05	0
CO21936	CO21888	9.68	0 1-	4ACSR	0	0	470	143	0	0	0	0.00	4.05	0
CO21937	CO21936	9.68	0 1-	4ACSR	0	0	470	143	0	0	0	0.00	4.05	0
CO21889	CO21888	9.72	1 1-	4ACSR	0	0	467	143	2	0	0	0.00	4.05	0
CO21934	CO21889	9.87	0 1-	4ACSR	0	0	456	142	0	0	0	0.00	4.05	0
CO21935	CO21934	9.87	0 1-	4ACSR	0	0	455	142	0	0	0	0.00	4.05	0
CO22572	CO22548	9.37	2 1-	4ACSR	0	0	496	146	11	1	1	0.00	4.04	0
CO22571	CO22708	9.11	1 1-	4ACSR	0	0	520	148	4	0	0	0.00	4.01	0
CO22550	CO22546	8.93	12 1-	4ACSR	0	0	537	150	31	4	3	0.05	3.98	3
CO22551	CO22550	9.27	10 1-	4ACSR	0	0	505	147	23	3	2	0.05	4.03	0
CO22570	CO22551	9.36	3 1-	4ACSR	0	0	496	146	8	1	1	0.01	4.03	0
CO23701	CO22570	9.53	3 1-	4ACSR	0	0	482	145	8	1	1	0.01	4.04	0
CO21660	CO23701	9.57	1 1-	2ACSR	0	0	480	144	3	0	0	0.00	4.04	0
CO21886	CO23701	9.80	1 1-	4ACSR	0	0	461	143	0	0	0	0.00	4.04	0
CO22552	CO22551	9.29	7 1-	4ACSR	0	0	503	147	15	2	1	0.00	4.03	0
CO22563	CO22552	9.36	7 1-	4ACSR	0	0	497	146	15	2	1	0.01	4.04	0
CO22564	CO22563	9.44	3 1-	4ACSR	0	0	490	145	8	1	1	0.00	4.04	0
CO22694	CO22564	9.52	2 1-	4ACSR	0	0	483	145	7	0	1	0.00	4.04	0
CO23702	CO22694	9.70	1 1-	4ACSR	0	0	468	143	0	0	0	0.00	4.04	0
CO21885	CO23702	9.80	1 1-	4ACSR	0	0	461	143	0	0	0	0.00	4.04	0
CO22597	CO22694	9.57	1 1-	2/0ACSR	0	0	481	145	7	0	0	0.00	4.05	0
CO22594	CO22564	9.51	1 1-	4ACSR	0	0	484	145	2	0	0	0.00	4.04	0
CO22695	CO22563	9.42	4 1-	4ACSR	0	0	491	146	6	0	1	0.00	4.04	0
CO22696	CO22695	9.60	3 1-	4ACSR	0	0	477	144	6	0	1	0.01	4.05	0
CO22697	CO22696	9.63	3 1-	4ACSR	0	0	474	144	6	0	1	0.00	4.05	0
CO22698	CO22697	9.77	3 1-	4ACSR	0	0	463	143	6	0	1	0.01	4.05	0
CO22701	CO22698	9.89	3 1-	4ACSR	0	0	454	142	6	0	1	0.00	4.06	0
CO22702	CO22701	9.94	3 1-	4ACSR	0	0	450	141	6	0	1	0.00	4.06	0
CO22700	CO22702	10.01	3 1-	4ACSR	0	0	445	141	6	0	1	0.00	4.06	0
CO22699	CO22700	10.08	3 1-	4ACSR	0	0	440	140	6	0	1	0.00	4.06	0
CO22705	CO22699	10.17	0 1-	4ACSR	0	0	434	140	0	0	0	0.00	4.06	0
CO22706	CO22705	10.34	0 1-	4ACSR	0	0	422	138	0	0	0	0.00	4.06	0
CO22703	CO22699	10.27	1 1-	4ACSR	0	0	427	139	3	0	0	0.00	4.07	0
CO22704	CO22703	10.36	1 1-	4ACSR	0	0	421	138	3	0	0	0.00	4.07	0
CO22693	CO22550	9.04	2 1-	4ACSR	0	0	526	149	8	1	1	0.00	3.98	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22692	CO22550	8.99	0 1-	4ACSR	0	0	531	149	0	0	0	0.00	3.98	0
CO22580	CO22545	8.74	0 1-	4/0ACSR	0	0	562	152	0	0	0	0.00	3.91	0
CO22690	CO22545	8.66	2 1-	4ACSR	0	0	565	152	8	1	1	0.00	3.91	0
CO22691	CO22690	8.76	1 1-	4ACSR	0	0	554	151	4	0	0	0.00	3.91	0
CO22568	CO22544	8.03	1 1-	4ACSR	0	0	641	158	3	0	0	0.00	3.56	0
CO22549	CO22544	8.01	3 1-	4ACSR	0	0	644	158	11	1	1	0.00	3.57	0
CO22683	CO22549	8.50	3 1-	4ACSR	0	0	583	153	11	1	1	0.04	3.60	0
CO22684	CO22683	8.56	3 1-	4ACSR	0	0	577	153	11	1	1	0.00	3.61	0
CO22685	CO22684	8.77	2 1-	4ACSR	0	0	554	151	10	1	1	0.01	3.62	0
CO22589	CO22685	8.93	0 1-	4ACSR	0	0	537	150	0	0	0	0.00	3.62	0
CO22686	CO22685	8.81	2 1-	4ACSR	0	0	549	151	10	1	1	0.00	3.62	0
CO22687	CO22686	8.96	2 1-	4ACSR	0	0	534	149	10	1	1	0.00	3.63	0
CO22557	CO22668	7.96	13 1-	4ACSR	0	0	650	158	65	9	7	0.03	3.53	3
CO22579	CO22557	7.99	1 1-	4ACSR	0	0	647	158	9	1	1	0.00	3.54	0
CO22558	CO22557	8.18	12 1-	4ACSR	0	0	621	156	56	7	6	0.08	3.62	7
CO22669	CO22558	8.26	1 1-	4ACSR	0	0	612	156	10	1	1	0.00	3.62	0
CO22670	CO22669	8.35	1 1-	4ACSR	0	0	601	155	10	1	1	0.00	3.62	0
CO22671	CO22558	8.30	11 1-	4ACSR	0	0	607	155	46	6	5	0.03	3.65	0
CO1410103168	CO22671	8.37	10 1-	2ACSR	0	0	600	155	37	5	3	0.01	3.66	0
CO-2122647656	CO1410103168	8.44	4 1-	2ACSR	0	0	593	154	13	1	1	0.00	3.66	0
CO1328065754	CO-2122647656	8.47	1 1-	2ACSR	0	0	590	154	0	0	0	0.00	3.66	0
CO907201607	CO1410103168	8.69	6 1-	2ACSR	0	0	570	153	24	3	2	0.04	3.69	0
CO561765822	CO907201607	8.82	6 1-	2ACSR	0	0	558	152	24	3	2	0.01	3.71	0
CO2127389589	CO561765822	8.86	2 1-	2ACSR	0	0	555	152	9	1	1	0.00	3.71	0
CO22672	CO2127389589	8.94	2 1-	4ACSR	0	0	547	151	9	1	1	0.00	3.71	0
CO22675	CO22672	9.00	0 1-	4ACSR	0	0	541	151	0	0	0	0.00	3.71	0
CO22676	CO22675	9.06	0 1-	4ACSR	0	0	535	150	0	0	0	0.00	3.71	0
CO22677	CO22676	9.14	0 1-	4ACSR	0	0	527	149	0	0	0	0.00	3.71	0
CO22678	CO22677	9.21	0 1-	4ACSR	0	0	520	149	0	0	0	0.00	3.71	0
CO22679	CO22678	9.26	0 1-	4ACSR	0	0	516	148	0	0	0	0.00	3.71	0
CO22680	CO22679	9.35	0 1-	4ACSR	0	0	507	147	0	0	0	0.00	3.71	0
CO22681	CO22680	9.40	0 1-	4ACSR	0	0	503	147	0	0	0	0.00	3.71	0
CO22682	CO22681	9.45	0 1-	4ACSR	0	0	499	147	0	0	0	0.00	3.71	0
CO-1295699636	CO561765822	8.93	4 1-	2ACSR	0	0	549	151	14	2	1	0.00	3.71	0
CO698225438	CO-1295699636	8.98	0 1-	2ACSR	0	0	545	151	0	0	0	0.00	3.71	0
CO22587	CO22562	7.37	1 1-	4ACSR	0	0	738	164	5	0	0	0.00	2.82	0
CO22663	CO22665	7.30	2 1-	4ACSR	0	0	748	165	0	0	0	0.00	2.68	0
CO22664	CO22663	7.49	2 1-	4ACSR	0	0	718	163	0	0	0	0.00	2.68	0
CO22586	CO22561	7.03	1 1-	4ACSR	0	0	793	168	1	0	0	0.00	2.55	0
CO22936+	CO23031	6.55	0 1-	1/0ACSR	0	0	983	302	0	0	0	0.00	1.76	0
CO23032+	CO23031	6.52	0 3-	1/0ACSR	1199	1130	987	302	0	-7	3	0.00	1.76	0
CA69+	CO23032	6.52	0 3-	Capacitor	1199	1130	987	302	0	-7	0	0.00	1.76	0
CO22896+	CO23689	5.93	85 1-	4ACSR	0	0	1053	307	319	22	16	0.03	1.71	15
CO22930+	CO22896	5.98	1 1-	4ACSR	0	0	1045	306	12	0	1	0.00	1.71	0
CO23017+	CO22896	5.98	84 1-	4ACSR	0	0	1044	306	307	21	15	0.03	1.73	13
CO23018+	CO23017	6.01	84 1-	4ACSR	0	0	1039	305	307	21	15	0.01	1.75	7
CO23094+	CO23018	6.02	79 1-	4ACSR	0	0	1038	305	285	19	14	0.00	1.75	0
OC701+	CO23094	6.02	79 1-	35 E OCR	0	0	1038	305	285	19	57	0.00	1.75	0
CO23095+	OC701	6.30	79 1-	4ACSR	0	0	990	300	285	19	14	0.13	1.88	60
CO22954+	CO23095	6.37	1 1-	2ACSR	0	0	981	299	10	0	0	0.00	1.88	0
CO23063+	CO23095	6.47	78 1-	4ACSR	0	0	964	297	274	19	14	0.07	1.95	33
CO23077+	CO23063	6.55	6 1-	4ACSR	0	0	952	296	24	1	1	0.00	1.96	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23078+	CO23077	6.57	4 1-	4ACSR	0	0	948	295	19	1	1	0.00	1.96	0
CO23076+	CO23078	6.59	3 1-	4ACSR	0	0	945	295	14	0	1	0.00	1.96	0
CO23075+	CO23076	6.63	2 1-	4ACSR	0	0	940	294	10	0	0	0.00	1.96	0
CO23041+	CO23075	6.66	2 1-	4ACSR	0	0	935	294	10	0	0	0.00	1.96	0
CO23004+	CO23063	6.49	72 1-	4ACSR	0	0	960	297	250	17	12	0.01	1.96	3
CO23005+	CO23004	6.57	71 1-	4ACSR	0	0	949	296	242	16	12	0.03	1.99	11
CO23042+	CO23005	6.61	3 1-	4ACSR	0	0	942	295	15	1	1	0.00	1.99	0
CO23043+	CO23042	6.65	3 1-	4ACSR	0	0	936	294	15	1	1	0.00	1.99	0
CO23022+	CO23005	6.61	68 1-	4ACSR	0	0	943	295	227	15	11	0.01	2.01	5
CO23023+	CO23022	6.64	68 1-	4ACSR	0	0	938	294	227	15	11	0.01	2.02	5
CO22932+	CO23023	6.69	1 1-	4ACSR	0	0	931	293	1	0	0	0.00	2.02	0
CO22898+	CO23023	6.66	67 1-	4ACSR	0	0	934	294	227	15	11	0.01	2.03	3
CO22933+	CO22898	6.74	1 1-	4ACSR	0	0	924	293	0	0	0	0.00	2.03	0
CO22899+	CO22898	6.72	66 1-	4ACSR	0	0	926	293	227	15	11	0.02	2.05	8
CO23024+	CO22899	6.97	65 1-	4ACSR	0	0	891	289	222	15	11	0.09	2.14	32
CO23025+	CO23024	7.03	65 1-	4ACSR	0	0	883	288	222	15	11	0.02	2.16	7
CO22909+	CO23025	7.05	62 1-	4ACSR	0	0	880	288	217	15	11	0.01	2.17	2
CO22910+	CO22909	7.17	61 1-	4ACSR	0	0	864	286	203	14	10	0.04	2.21	13
CO23690+	CO22910	7.23	54 1-	4ACSR	0	0	857	285	195	13	10	0.02	2.22	5
CO21090+	CO23690	7.30	53 1-	4ACSR	0	0	848	284	187	13	9	0.02	2.25	7
CO21050+	CO21090	7.35	48 1-	4ACSR	0	0	842	283	163	11	8	0.01	2.26	3
CO21158+	CO21050	7.38	3 1-	2ACSR	0	0	839	282	15	1	1	0.00	2.26	0
CO21159+	CO21158	7.42	2 1-	2ACSR	0	0	835	282	10	0	0	0.00	2.26	0
CO21150+	CO21159	7.50	1 1-	2ACSR	0	0	827	281	1	0	0	0.00	2.26	0
CO21151+	CO21150	7.55	1 1-	2ACSR	0	0	822	281	1	0	0	0.00	2.26	0
CO21051+	CO21050	7.53	45 1-	4ACSR	0	0	820	280	148	10	7	0.04	2.30	10
CO21093+	CO21051	7.59	44 1-	4ACSR	0	0	812	279	144	10	7	0.01	2.32	3
CO21094+	CO21093	7.67	43 1-	4ACSR	0	0	803	278	131	9	7	0.02	2.33	4
CO21062+	CO21094	7.75	2 1-	4ACSR	0	0	795	277	9	0	0	0.00	2.33	0
CO21052+	CO21094	7.76	39 1-	4ACSR	0	0	794	277	119	8	6	0.02	2.35	3
CO21153+	CO21052	7.83	0 1-	4ACSR	0	0	785	275	0	0	0	0.00	2.35	0
CO21154+	CO21153	7.93	0 1-	4ACSR	0	0	775	274	0	0	0	0.00	2.35	0
CO21053+	CO21052	7.92	38 1-	4ACSR	0	0	776	274	117	8	6	0.03	2.38	6
CO21097+	CO21053	8.00	36 1-	4ACSR	0	0	768	273	116	8	6	0.01	2.39	3
CO21098+	CO21097	8.15	36 1-	4ACSR	0	0	752	271	116	8	6	0.03	2.42	5
CO21088+	CO21098	8.35	3 1-	2ACSR	0	0	736	269	14	1	1	0.00	2.43	0
CO21155+	CO21088	8.40	1 1-	2ACSR	0	0	732	268	6	0	0	0.00	2.43	0
CO21156+	CO21155	8.55	1 1-	2ACSR	0	0	721	267	6	0	0	0.00	2.43	0
CO21157+	CO21156	8.66	1 1-	2ACSR	0	0	713	266	6	0	0	0.00	2.43	0
CO20874+	CO21157	8.78	1 1-	2ACSR	0	0	704	265	6	0	0	0.00	2.43	0
CO20873+	CO20874	8.85	1 1-	2ACSR	0	0	699	264	6	0	0	0.00	2.43	0
CO20872+	CO20873	8.94	1 1-	2ACSR	0	0	693	263	6	0	0	0.00	2.43	0
CO20871+	CO20872	9.02	1 1-	2ACSR	0	0	687	262	6	0	0	0.00	2.43	0
CO20870+	CO20871	9.20	1 1-	2ACSR	0	0	676	261	6	0	0	0.00	2.43	0
CO21099+	CO21098	8.23	33 1-	4ACSR	0	0	744	270	102	7	5	0.01	2.44	2
CO21100+	CO21099	8.26	32 1-	4ACSR	0	0	740	269	101	7	5	0.00	2.44	0
CO21101+	CO21100	8.34	31 1-	4ACSR	0	0	733	268	85	5	4	0.01	2.45	0
CO21054+	CO21101	8.36	29 1-	4ACSR	0	0	732	268	71	4	4	0.00	2.45	0
CO21055+	CO21054	8.37	26 1-	4ACSR	0	0	730	268	65	4	3	0.00	2.46	0
CO21102+	CO21055	8.52	24 1-	4ACSR	0	0	715	266	61	4	3	0.01	2.47	0
CO21103+	CO21102	8.67	22 1-	4ACSR	0	0	702	264	54	3	3	0.01	2.48	0
CO21056+	CO21103	8.73	8 1-	4ACSR	0	0	697	263	7	0	0	0.00	2.48	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21069+	CO21056	8.80	1 1-	4ACSR	0	0	691	262	1	0	0	0.00	2.48	0
CO21104+	CO21056	8.79	7 1-	4ACSR	0	0	691	262	6	0	0	0.00	2.48	0
CO-99527684+	CO21104	8.86	1 1-	2ACSR	0	0	687	261	0	0	0	0.00	2.48	0
CO21105+	CO21104	8.85	5 1-	4ACSR	0	0	686	261	5	0	0	0.00	2.48	0
CO21112+	CO21105	9.07	3 1-	4ACSR	0	0	667	258	1	0	0	0.00	2.49	0
CO21113+	CO21112	9.15	3 1-	4ACSR	0	0	661	257	1	0	0	0.00	2.49	0
CO21071+	CO21113	9.41	1 1-	4ACSR	0	0	641	254	0	0	0	0.00	2.49	0
CO21070+	CO21113	9.41	1 1-	4ACSR	0	0	641	254	0	0	0	0.00	2.49	0
CO21114+	CO21113	9.25	1 1-	4ACSR	0	0	653	256	0	0	0	0.00	2.49	0
CO21115+	CO21114	9.64	1 1-	4ACSR	0	0	624	251	0	0	0	0.00	2.49	0
CO21116+	CO21115	9.71	1 1-	4ACSR	0	0	618	250	0	0	0	0.00	2.49	0
CO21117+	CO21116	9.81	1 1-	4ACSR	0	0	612	249	0	0	0	0.00	2.49	0
CO21118+	CO21117	9.91	1 1-	4ACSR	0	0	605	248	0	0	0	0.00	2.49	0
CO21106+	CO21105	9.06	2 1-	4ACSR	0	0	668	258	5	0	0	0.00	2.49	0
CO21107+	CO21106	9.14	2 1-	4ACSR	0	0	662	257	5	0	0	0.00	2.49	0
CO21108+	CO21107	9.25	2 1-	4ACSR	0	0	653	256	5	0	0	0.00	2.49	0
CO21109+	CO21108	9.28	2 1-	4ACSR	0	0	651	256	5	0	0	0.00	2.49	0
CO21110+	CO21109	9.33	1 1-	4ACSR	0	0	647	255	5	0	0	0.00	2.49	0
CO21111+	CO21110	9.41	1 1-	4ACSR	0	0	640	254	5	0	0	0.00	2.49	0
CO21119+	CO21103	9.01	14 1-	4ACSR	0	0	672	259	47	3	2	0.03	2.51	0
CO21120+	CO21119	9.07	14 1-	4ACSR	0	0	667	258	47	3	2	0.00	2.51	0
CO21126+	CO21120	9.14	4 1-	4ACSR	0	0	662	257	13	0	1	0.00	2.51	0
CO21127+	CO21126	9.27	4 1-	4ACSR	0	0	652	256	13	0	1	0.00	2.52	0
CO21074+	CO21127	9.43	3 1-	4ACSR	0	0	639	254	6	0	0	0.00	2.52	0
CO21160+	CO21074	9.53	3 1-	4ACSR	0	0	632	253	6	0	0	0.00	2.52	0
CO21161+	CO21160	9.58	2 1-	4ACSR	0	0	628	252	5	0	0	0.00	2.52	0
CO21130+	CO21161	9.64	1 1-	4ACSR	0	0	624	251	2	0	0	0.00	2.52	0
CO21131+	CO21130	9.75	1 1-	4ACSR	0	0	616	250	2	0	0	0.00	2.52	0
CO-2091862478+	CO21131	9.88	1 1-	2ACSR	0	0	609	249	2	0	0	0.00	2.52	0
CO21132+	CO21161	9.79	1 1-	2ACSR	0	0	616	250	3	0	0	0.00	2.52	0
CO21133+	CO21132	9.84	1 1-	2ACSR	0	0	614	250	3	0	0	0.00	2.52	0
CO21128+	CO21127	9.36	1 1-	4ACSR	0	0	645	255	6	0	0	0.00	2.52	0
CO21129+	CO21128	9.46	1 1-	4ACSR	0	0	637	253	6	0	0	0.00	2.52	0
CO21121+	CO21120	9.13	9 1-	4ACSR	0	0	663	258	24	1	1	0.00	2.51	0
CO21122+	CO21121	9.18	8 1-	4ACSR	0	0	659	257	22	1	1	0.00	2.52	0
CO21123+	CO21122	9.23	7 1-	4ACSR	0	0	654	256	21	1	1	0.00	2.52	0
CO21124+	CO21123	9.28	6 1-	4ACSR	0	0	651	256	12	0	1	0.00	2.52	0
CO21125+	CO21124	9.37	5 1-	4ACSR	0	0	644	255	10	0	1	0.00	2.52	0
CO21162+	CO21125	9.46	3 1-	4ACSR	0	0	637	253	10	0	1	0.00	2.52	0
CO21163+	CO21162	9.58	2 1-	4ACSR	0	0	628	252	8	0	0	0.00	2.52	0
CO21076+	CO21163	9.69	1 1-	4ACSR	0	0	620	251	8	0	0	0.00	2.52	0
CO21134+	CO21163	9.61	1 1-	4ACSR	0	0	626	251	0	0	0	0.00	2.52	0
CO21135+	CO21125	9.42	2 1-	2ACSR	0	0	641	254	0	0	0	0.00	2.52	0
CO21164+	CO21135	9.43	2 1-	2ACSR	0	0	640	254	0	0	0	0.00	2.52	0
CO21186+	CO21164	9.71	1 1-	2ACSR	0	0	624	252	0	0	0	0.00	2.52	0
CO21077+	CO21186	9.82	0 1-	4ACSR	0	0	616	250	0	0	0	0.00	2.52	0
CO21136+	CO21186	9.89	0 1-	2ACSR	0	0	614	250	0	0	0	0.00	2.52	0
CO21137+	CO21136	10.09	0 1-	2ACSR	0	0	603	248	0	0	0	0.00	2.52	0
CO21057+	CO21137	10.13	0 1-	4ACSR	0	0	600	248	0	0	0	0.00	2.52	0
CO21138+	CO21057	10.39	0 1-	4ACSR	0	0	583	245	0	0	0	0.00	2.52	0
CO21139+	CO21138	10.45	0 1-	4ACSR	0	0	580	244	0	0	0	0.00	2.52	0
XFMR43	CO21137	10.09	0 1-	333 KVA 1PH AUT	0	0	687	161	0	0	0	0.00	2.52	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21068+	CO21055	8.44	1 1-	4ACSR	0	0	723	267	3	0	0	0.00	2.46	0
CO21067+	CO21054	8.45	1 1-	4ACSR	0	0	722	267	4	0	0	0.00	2.45	0
CO21066+	CO21101	8.39	1 1-	4ACSR	0	0	728	267	12	0	1	0.00	2.45	0
CO21073+	CO21053	8.13	1 1-	4ACSR	0	0	754	271	0	0	0	0.00	2.38	0
CO21065+	CO21053	8.08	1 1-	4ACSR	0	0	759	272	0	0	0	0.00	2.38	0
CO21064+	CO21052	7.84	0 1-	4ACSR	0	0	784	275	0	0	0	0.00	2.35	0
CO21063+	CO21052	7.85	1 1-	4ACSR	0	0	783	275	2	0	0	0.00	2.35	0
CO21095+	CO21094	7.82	2 1-	4ACSR	0	0	787	276	3	0	0	0.00	2.33	0
CO21096+	CO21095	7.88	1 1-	4ACSR	0	0	780	275	0	0	0	0.00	2.33	0
CO21089+	CO21093	7.67	1 1-	2ACSR	0	0	805	278	13	0	1	0.00	2.32	0
CO21061+	CO21051	7.60	1 1-	4ACSR	0	0	812	279	4	0	0	0.00	2.30	0
CO21091+	CO21090	7.33	5 1-	4ACSR	0	0	844	283	24	1	1	0.00	2.25	0
CO21092+	CO21091	7.36	2 1-	4ACSR	0	0	841	283	9	0	0	0.00	2.25	0
CO23009+	CO22910	7.25	6 1-	4ACSR	0	0	854	284	8	0	0	0.00	2.21	0
CO23010+	CO23009	7.38	6 1-	4ACSR	0	0	838	282	8	0	0	0.00	2.21	0
CO23079+	CO23010	7.54	3 1-	4ACSR	0	0	819	280	3	0	0	0.00	2.21	0
CO23081+	CO23079	7.59	3 1-	4ACSR	0	0	813	279	3	0	0	0.00	2.21	0
CO23082+	CO23081	7.64	0 1-	4ACSR	0	0	807	278	0	0	0	0.00	2.21	0
CO23049+	CO23082	7.70	0 1-	4ACSR	0	0	800	277	0	0	0	0.00	2.21	0
CO23080+	CO23079	7.59	0 1-	4ACSR	0	0	813	279	0	0	0	0.00	2.21	0
CO23036+	CO23080	7.76	0 1-	4ACSR	0	0	794	277	0	0	0	0.00	2.21	0
CO23047+	CO23010	7.42	3 1-	4ACSR	0	0	833	282	5	0	0	0.00	2.21	0
CO23048+	CO23047	7.51	3 1-	4ACSR	0	0	822	280	5	0	0	0.00	2.21	0
CO22950+	CO22909	7.17	1 1-	4ACSR	0	0	865	286	14	1	1	0.00	2.17	0
CO22949+	CO23025	7.15	2 1-	4ACSR	0	0	868	286	1	0	0	0.00	2.16	0
CO22934+	CO22899	6.78	1 1-	4ACSR	0	0	917	292	4	0	0	0.00	2.05	0
CO23003+	CO23018	6.03	3 1-	4ACSR	0	0	1036	305	16	1	1	0.00	1.75	0
CO23015+	CO23003	6.08	1 1-	4ACSR	0	0	1027	304	0	0	0	0.00	1.75	0
CO23016+	CO23015	6.12	1 1-	4ACSR	0	0	1020	303	0	0	0	0.00	1.75	0
CO23019+	CO23018	6.05	2 1-	4ACSR	0	0	1032	304	6	0	0	0.00	1.75	0
CO23020+	CO23019	6.11	1 1-	4ACSR	0	0	1022	303	0	0	0	0.00	1.75	0
CO-2135189148+	CO23019	6.20	1 1-	2ACSR	0	0	1011	303	6	0	0	0.00	1.75	0
CO22606+	CO22609	5.13	5 1-	4ACSR	0	0	1163	314	11	0	1	0.00	1.49	0
CO22607+	CO22606	5.19	5 1-	4ACSR	0	0	1152	313	11	0	1	0.00	1.49	0
CO22603+	CO22607	5.23	4 1-	4ACSR	0	0	1143	312	6	0	0	0.00	1.49	0
CO22604+	CO22603	5.27	3 1-	4ACSR	0	0	1134	311	5	0	0	0.00	1.49	0
CO22602+	CO22604	5.37	3 1-	4ACSR	0	0	1114	310	5	0	0	0.00	1.49	0
CO23052+	CO22602	5.46	3 1-	2ACSR	0	0	1100	308	5	0	0	0.00	1.49	0
CO23053+	CO23052	5.63	3 1-	2ACSR	0	0	1073	306	5	0	0	0.00	1.50	0
CO23054+	CO23053	5.69	2 1-	2ACSR	0	0	1065	306	5	0	0	0.00	1.50	0
CO22605+	CO22607	5.25	1 1-	4ACSR	0	0	1139	312	5	0	0	0.00	1.49	0
CO22623+	CO22626	3.82	6 1-	1/0ACSR	0	0	1403	327	24	1	1	0.00	1.17	0
OC192177210+	CO22623	3.82	3 1-	15 N FUSE	0	0	1403	327	10	0	5	0.00	1.17	0
CO22624+	OC192177210	3.88	3 1-	1/0ACSR	0	0	1391	327	10	0	0	0.00	1.17	0
CO22584+	CO22627	3.63	2 1-	1/0ACSR	0	0	1444	329	13	0	0	0.00	1.13	0
OC1148502624+	CO22584	3.63	0 1-	15 N FUSE	0	0	1444	329	0	0	0	0.00	1.13	0
CO22598+	CO22629	3.32	0 1-	2ACSR	0	0	1517	332	0	0	0	0.00	1.05	0
OC768680511+	CO22598	3.32	0 1-	15 N FUSE	0	0	1517	332	0	0	0	0.00	1.05	0
CO20842+	CO20828	3.23	249 3-	1/0ACSR	1714	1641	1541	333	1260	29	13	0.01	1.04	10
CO23845+	CO20842	3.36	248 3-	1/0ACSR	1687	1612	1509	332	1250	29	13	0.04	1.07	64
CO22631+	CO23845	3.66	248 3-	1/0ACSR	1626	1548	1438	329	1250	29	13	0.08	1.15	148
XFMR54	CO22631	3.66	248 3-	333 KVA 1PH AUT	987	975	950	174	1249	29	126	1.47	2.62	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22559	XFMR54	3.73	248 3-	1/0ACSR	979	966	938	174	1249	58	25	0.07	2.69	135
CO22739	CO22559	3.73	233 3-	1/0ACSR	978	965	937	174	1168	54	24	0.01	2.70	11
OC690	CO22739	3.73	233 3-	70 L OCR	978	965	937	174	1168	54	78	0.00	2.70	0
CO22740	OC690	3.76	233 3-	1/0ACSR	975	961	932	173	1168	54	24	0.03	2.73	46
CO22632	CO22740	3.78	232 3-	1/0ACSR	972	959	929	173	1168	54	24	0.02	2.75	32
CO22633	CO22632	3.82	232 3-	1/0ACSR	967	953	922	173	1167	54	24	0.04	2.79	74
CO22634	CO22633	3.85	232 3-	1/0ACSR	963	949	917	173	1167	54	24	0.03	2.82	55
CO22635	CO22634	3.89	232 3-	1/0ACSR	958	943	910	173	1167	54	24	0.04	2.86	70
CO22636	CO22635	3.95	232 3-	1/0ACSR	951	936	900	172	1166	54	24	0.06	2.92	101
CO23705	CO22636	4.15	232 3-	1/0ACSR	928	910	869	171	1166	54	24	0.20	3.11	339
CO21598	CO23705	4.27	232 3-	1/0ACSR	915	895	851	171	1164	54	24	0.12	3.23	203
CO21664	CO21598	4.32	3 1-	4ACSR	0	0	843	170	9	1	1	0.00	3.23	0
OC415749861	CO21664	4.32	3 1-	15 N FUSE	0	0	843	170	9	1	9	0.00	3.23	0
CO21665	OC415749861	4.37	3 1-	4ACSR	0	0	833	170	9	1	1	0.00	3.24	0
CO21668	CO21665	4.57	2 1-	2ACSR	0	0	802	168	8	1	1	0.01	3.24	0
CO21669	CO21668	4.67	1 1-	2ACSR	0	0	787	167	8	1	1	0.00	3.25	0
CO-1271153133	CO21669	4.71	1 1-	2ACSR	0	0	780	167	8	1	1	0.00	3.25	0
CO21670	CO21669	4.74	0 1-	2ACSR	0	0	777	167	0	0	0	0.00	3.25	0
CO21666	CO21665	4.53	1 1-	4ACSR	0	0	804	168	1	0	0	0.00	3.24	0
CO21667	CO21666	4.59	1 1-	4ACSR	0	0	794	167	1	0	0	0.00	3.24	0
CO21599	CO21598	4.31	229 3-	1/0ACSR	910	890	845	171	1154	54	24	0.04	3.27	71
CO21671	CO21599	4.33	228 3-	1/0ACSR	908	888	843	170	1153	54	24	0.02	3.29	32
CO21672	CO21671	4.37	228 3-	1/0ACSR	904	883	837	170	1153	54	24	0.04	3.33	62
CO21673	CO21672	4.38	228 3-	1/0ACSR	902	881	835	170	1153	54	24	0.01	3.34	23
CO21678	CO21673	4.44	224 3-	1/0ACSR	896	875	827	170	1129	53	23	0.05	3.39	90
CO21679	CO21678	4.46	224 3-	1/0ACSR	893	872	824	170	1128	53	23	0.03	3.42	43
CO30559	CO21679	4.50	224 3-	1/0ACSR	889	867	818	170	1128	53	23	0.04	3.46	62
CO21920	CO30559	4.51	4 1-	1/0ACSR	0	0	817	169	10	1	1	0.00	3.46	0
OC653	CO21920	4.51	4 1-	10 N FUSE	0	0	817	169	10	1	13	0.00	3.46	0
CO21921	OC653	4.55	4 1-	1/0ACSR	0	0	812	169	10	1	1	0.00	3.46	0
CO21680	CO21921	4.60	4 1-	1/0ACSR	0	0	805	169	10	1	1	0.00	3.46	0
CO21681	CO21680	4.62	3 1-	1/0ACSR	0	0	802	169	9	1	1	0.00	3.46	0
CO21682	CO21681	4.75	3 1-	1/0ACSR	0	0	786	168	9	1	1	0.00	3.46	0
CO21683	CO21682	4.82	2 1-	1/0ACSR	0	0	776	168	9	1	1	0.00	3.46	0
CO21684	CO21683	4.84	1 1-	1/0ACSR	0	0	773	168	9	1	1	0.00	3.47	0
CO21685	CO21684	5.00	1 1-	1/0ACSR	0	0	754	167	9	1	1	0.00	3.47	0
CO21686	CO21685	5.20	1 1-	1/0ACSR	0	0	731	166	9	1	1	0.01	3.48	0
CO21687	CO21686	5.23	1 1-	1/0ACSR	0	0	727	166	9	1	1	0.00	3.48	0
CO23734	CO21687	5.35	1 1-	1/0ACSR	0	0	715	165	9	1	1	0.00	3.48	0
CO20358	CO23734	5.48	1 1-	1/0ACSR	0	0	700	164	9	1	1	0.00	3.48	0
CO20359	CO20358	5.75	1 1-	1/0ACSR	0	0	674	163	9	1	1	0.01	3.49	0
CO20360	CO20359	5.79	1 1-	1/0ACSR	0	0	670	163	9	1	1	0.00	3.49	0
CO20361	CO20360	5.97	1 1-	1/0ACSR	0	0	652	162	9	1	1	0.01	3.50	0
CO20362	CO20361	6.05	1 1-	1/0ACSR	0	0	645	162	9	1	1	0.00	3.50	0
CO20363	CO20362	6.10	1 1-	1/0ACSR	0	0	640	161	9	1	1	0.00	3.50	0
CO21688	CO30559	4.52	220 3-	1/0ACSR	887	864	815	169	1118	52	23	0.02	3.48	34
CO21689	CO21688	4.58	219 3-	1/0ACSR	880	857	807	169	1115	52	23	0.06	3.53	97
CO21690	CO21689	4.69	219 3-	1/0ACSR	870	845	793	169	1115	52	23	0.10	3.63	163
CO21691	CO21690	4.76	219 3-	1/0ACSR	862	837	784	168	1114	52	23	0.07	3.70	112
CO21692	CO21691	4.78	219 3-	1/0ACSR	860	834	781	168	1113	52	23	0.02	3.72	36
CO21600	CO21692	4.80	218 3-	1/0ACSR	858	832	779	168	1108	52	23	0.02	3.74	31
CO21697	CO21600	4.98	216 3-	1/0ACSR	839	812	756	167	1094	51	22	0.17	3.91	279

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21698	CO21697	5.02	215 3-	1/0ACSR	836	808	752	167	1087	51	22	0.03	3.94	52
CO21696	CO21698	5.03	215 3-	1/0ACSR	834	807	750	167	1086	51	22	0.01	3.96	22
CO21922	CO21696	5.04	23 1-	6ACWC	0	0	749	167	106	15	11	0.00	3.96	0
OC652	CO21922	5.04	23 1-	10 N FUSE	0	0	749	167	106	15	150	0.00	3.96	0
CO21923	OC652	5.14	23 1-	6ACWC	0	0	734	166	106	15	11	0.07	4.03	12
CO21643	CO21923	5.21	1 1-	6ACWC	0	0	723	165	9	1	1	0.00	4.03	0
CO21642	CO21923	5.23	1 1-	6ACWC	0	0	720	165	8	1	1	0.00	4.03	0
CO21699	CO21923	5.27	21 1-	6ACWC	0	0	714	164	89	12	9	0.08	4.11	12
CO21700	CO21699	5.31	20 1-	6ACWC	0	0	709	164	88	12	9	0.02	4.13	3
CO21701	CO21700	5.38	20 1-	6ACWC	0	0	698	163	88	12	9	0.04	4.17	6
CO21702	CO21701	5.68	19 1-	6ACWC	0	0	657	160	78	11	8	0.14	4.31	17
CO21703	CO21702	5.73	18 1-	6ACWC	0	0	651	160	68	9	7	0.02	4.33	3
CO21605	CO21703	5.79	17 1-	6ACWC	0	0	643	159	59	8	6	0.02	4.35	0
CO21706	CO21605	5.88	14 1-	6ACWC	0	0	633	158	50	7	5	0.03	4.38	0
CO21709	CO21706	5.89	4 1-	6ACWC	0	0	630	158	15	2	1	0.00	4.38	0
CO21710	CO21709	5.91	3 1-	6ACWC	0	0	628	158	12	1	1	0.00	4.38	0
CO21718	CO21710	6.01	2 1-	6ACWC	0	0	616	157	4	0	0	0.00	4.38	0
CO21719	CO21718	6.09	1 1-	6ACWC	0	0	607	156	4	0	0	0.00	4.38	0
CO21720	CO21719	6.26	0 1-	6ACWC	0	0	586	155	0	0	0	0.00	4.38	0
CO21721	CO21720	6.52	0 1-	6ACWC	0	0	559	152	0	0	0	0.00	4.38	0
CO21707	CO21706	5.91	9 1-	6ACWC	0	0	628	158	30	4	3	0.01	4.39	0
CO21708	CO21707	5.96	8 1-	6ACWC	0	0	622	158	27	3	3	0.01	4.39	0
CO21711	CO21708	6.00	8 1-	6ACWC	0	0	617	157	27	3	3	0.01	4.40	0
CO21663	CO21711	6.02	0 1-	2ACSR	0	0	615	157	0	0	0	0.00	4.40	0
CO21712	CO21711	6.04	8 1-	6ACWC	0	0	612	157	27	3	3	0.01	4.41	0
CO21713	CO21712	6.10	7 1-	6ACWC	0	0	605	156	23	3	2	0.01	4.41	0
CO21714	CO21713	6.13	5 1-	6ACWC	0	0	602	156	9	1	1	0.00	4.42	0
CO21715	CO21714	6.19	5 1-	6ACWC	0	0	594	155	9	1	1	0.00	4.42	0
CO805472466	CO21715	6.33	5 1-	2ACSR	0	0	581	154	9	1	1	0.01	4.43	0
CO435618888	CO805472466	6.41	4 1-	2ACSR	0	0	575	154	3	0	0	0.00	4.43	0
CO21717	CO435618888	6.49	0 1-	6ACWC	0	0	566	153	0	0	0	0.00	4.43	0
CO1166192966	CO435618888	6.75	4 1-	2ACSR	0	0	546	152	3	0	0	0.00	4.43	0
CO1256642813	CO1166192966	6.82	1 1-	2ACSR	0	0	540	151	0	0	0	0.00	4.43	0
CO1545395685	CO1256642813	6.88	1 1-	2ACSR	0	0	535	151	0	0	0	0.00	4.43	0
CO-767288974	CO805472466	6.35	1 1-	2ACSR	0	0	580	154	6	0	0	0.00	4.43	0
CO-1433453861	CO-767288974	6.39	1 1-	1/0PRIURD	0	0	577	310	6	0	1	0.00	4.43	0
CO21657	CO21712	6.08	0 1-	6ACWC	0	0	608	156	0	0	0	0.00	4.41	0
CO21704	CO21605	5.84	1 1-	6ACWC	0	0	637	159	4	0	0	0.00	4.35	0
CO21705	CO21704	5.89	1 1-	6ACWC	0	0	631	158	4	0	0	0.00	4.35	0
CO21655	CO21703	5.75	1 1-	6ACWC	0	0	648	159	9	1	1	0.00	4.33	0
CO21722	CO21696	5.21	190 3-	1/0ACSR	817	788	730	166	978	46	20	0.15	4.10	213
CO21723	CO21722	5.23	189 3-	1/0ACSR	815	786	727	166	967	45	20	0.02	4.12	27
CO21724	CO21723	5.28	189 3-	1/0ACSR	811	781	722	165	967	45	20	0.04	4.16	55
CO21601	CO21724	5.37	188 3-	1/0ACSR	802	772	712	165	955	45	20	0.08	4.24	111
CO21602	CO21601	5.47	187 3-	1/0ACSR	793	761	701	164	954	45	20	0.08	4.32	120
CO21729	CO21602	5.54	182 3-	1/0ACSR	787	755	694	164	923	43	19	0.05	4.37	70
CO21730	CO21729	5.56	181 3-	1/0ACSR	785	753	692	164	922	43	19	0.02	4.38	21
CO21731	CO21730	5.59	179 3-	1/0ACSR	782	750	689	164	919	43	19	0.02	4.41	33
CO30560	CO21731	5.66	178 3-	1/0ACSR	776	743	681	164	905	42	19	0.06	4.47	78
CO21732	CO30560	5.68	176 3-	1/0ACSR	774	741	679	163	900	42	19	0.02	4.48	21
CO21653	CO21732	5.72	3 1-	4ACSR	0	0	674	163	14	2	1	0.00	4.48	0
OC-697619997	CO21653	5.72	0 1-	15 N FUSE	0	0	674	163	0	0	0	0.00	4.48	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21733	CO21732	5.70	171 3-	1/0ACSR	773	740	678	163	881	41	18	0.01	4.49	15
CO21734	CO21733	5.72	168 3-	1/0ACSR	771	738	675	163	867	41	18	0.02	4.51	21
CO21735	CO21734	5.73	167 3-	1/0ACSR	770	737	674	163	854	40	18	0.01	4.52	10
CO21758	CO21735	5.81	138 3-	1/0ACSR	763	730	667	163	716	33	15	0.05	4.56	50
CO21759	CO21758	5.90	136 3-	1/0ACSR	756	722	658	162	705	33	15	0.05	4.62	57
CO21760	CO21759	5.99	134 3-	1/0ACSR	748	714	650	162	700	33	14	0.05	4.67	56
CO21761	CO21760	6.01	132 3-	1/0ACSR	746	711	647	162	689	32	14	0.02	4.69	18
CO21647	CO21761	6.11	1 1-	4ACSR	0	0	636	161	2	0	0	0.00	4.69	0
OC1829505773	CO21647	6.11	0 1-	15 N FUSE	0	0	636	161	0	0	0	0.00	4.69	0
CO21646	CO21761	6.12	1 1-	4ACSR	0	0	635	161	10	1	1	0.00	4.69	0
OC-767824631	CO21646	6.12	0 1-	15 N FUSE	0	0	635	161	0	0	0	0.00	4.69	0
CO21924	CO21761	6.02	53 1-	6ACWC	0	0	647	162	238	33	24	0.01	4.70	4
OC654	CO21924	6.02	53 1-	50 L OCR	0	0	647	162	238	33	0	0.00	4.70	0
CO-737095448	OC654	6.10	53 1-	2ACSR	0	0	639	161	238	33	19	0.08	4.78	31
CO-217193289	CO-737095448	6.11	52 1-	2ACSR	0	0	638	161	233	33	18	0.01	4.79	4
CO21762	CO-217193289	6.20	52 1-	6ACWC	0	0	626	160	233	33	24	0.15	4.94	56
CO21603	CO21762	6.43	50 1-	6ACWC	0	0	601	158	228	32	23	0.34	5.28	127
CO21763	CO21603	6.50	49 1-	6ACWC	0	0	593	157	226	32	23	0.10	5.38	39
CO21764	CO21763	6.53	47 1-	6ACWC	0	0	590	157	210	30	22	0.04	5.42	14
CO21649	CO21764	6.57	1 1-	6ACWC	0	0	585	157	9	1	1	0.00	5.43	0
CO21654	CO21764	6.58	1 1-	6ACWC	0	0	584	157	3	0	0	0.00	5.43	0
CO21765	CO21764	6.62	45 1-	6ACWC	0	0	580	156	198	28	20	0.12	5.54	37
CO21766	CO21765	6.82	43 1-	6ACWC	0	0	559	154	189	27	19	0.25	5.79	76
CO21767	CO21766	6.89	42 1-	6ACWC	0	0	553	154	181	26	19	0.08	5.87	24
CO21768	CO21767	6.96	41 1-	6ACWC	0	0	546	153	177	25	18	0.08	5.94	23
CO21769	CO21768	6.98	40 1-	6ACWC	0	0	544	153	167	24	17	0.02	5.97	7
CO21770	CO21769	7.06	39 1-	6ACWC	0	0	536	152	158	22	16	0.08	6.05	21
CO21771	CO21770	7.27	38 1-	6ACWC	0	0	517	150	157	22	16	0.21	6.26	55
CO21772	CO21771	7.33	37 1-	6ACWC	0	0	512	150	150	21	16	0.06	6.32	14
CO21773	CO21772	7.43	36 1-	6ACWC	0	0	504	149	145	20	15	0.09	6.41	22
CO21651	CO21773	7.50	1 1-	6ACWC	0	0	497	148	3	0	0	0.00	6.41	0
CO21650	CO21773	7.62	0 1-	6ACWC	0	0	488	147	0	0	0	0.00	6.41	0
CO30541	CO21773	7.56	35 1-	6ACWC	0	0	493	148	142	20	15	0.12	6.53	29
CO21194	CO30541	7.65	29 1-	6ACWC	0	0	485	147	128	18	13	0.08	6.61	17
CO21351	CO21194	7.66	28 1-	6ACWC	0	0	485	147	126	18	13	0.01	6.62	0
OC639	CO21351	7.66	28 1-	25 H OCR	0	0	485	147	126	18	73	0.00	6.62	0
CO21352	OC639	7.78	28 1-	6ACWC	0	0	475	146	126	18	13	0.10	6.72	21
CO21275	CO21352	7.93	28 1-	6ACWC	0	0	464	145	126	18	13	0.12	6.84	25
CO21221	CO21275	8.01	1 1-	6ACWC	0	0	458	144	1	0	0	0.00	6.84	0
CO21200	CO21275	8.07	26 1-	6ACWC	0	0	454	144	120	17	12	0.11	6.95	23
CO21217	CO21200	8.11	1 1-	6ACWC	0	0	450	143	9	1	1	0.00	6.96	0
CO21280	CO21200	8.08	25 1-	6ACWC	0	0	453	144	111	16	12	0.01	6.96	0
CO21279	CO21280	8.13	24 1-	6ACWC	0	0	449	143	103	14	11	0.03	7.00	6
CO21283	CO21279	8.15	24 1-	6ACWC	0	0	448	143	103	14	11	0.01	7.01	2
CO21281	CO21283	8.20	22 1-	6ACWC	0	0	445	143	93	13	10	0.03	7.04	4
CO21282	CO21281	8.26	21 1-	6ACWC	0	0	440	142	86	12	9	0.04	7.07	5
CO21322	CO21282	8.33	4 1-	6ACWC	0	0	436	142	19	2	2	0.01	7.08	0
CO21321	CO21322	8.38	3 1-	6ACWC	0	0	432	141	17	2	2	0.01	7.09	0
CO-955322299	CO21321	8.42	1 1-	2ACSR	0	0	430	141	13	1	1	0.00	7.09	0
CO21286	CO21282	8.36	16 1-	6ACWC	0	0	433	142	65	9	7	0.04	7.11	4
CO21284	CO21286	8.44	15 1-	6ACWC	0	0	428	141	55	8	6	0.03	7.14	2
CO-1500343273	CO21284	8.50	0 1-	2ACSR	0	0	425	141	0	0	0	0.00	7.14	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21285	CO21284	8.57	14 1-	6ACWC	0	0	420	140	47	6	5	0.04	7.18	3
CO21288	CO21285	8.76	12 1-	6ACWC	0	0	409	139	44	6	5	0.05	7.24	4
CO21287	CO21288	8.83	12 1-	6ACWC	0	0	404	138	44	6	5	0.02	7.26	0
CO21330	CO21287	8.89	1 1-	6ACWC	0	0	401	138	12	1	1	0.00	7.26	0
CO21329	CO21330	8.94	1 1-	6ACWC	0	0	398	137	12	1	1	0.00	7.26	0
CO21289	CO21287	8.85	1 1-	6ACWC	0	0	403	138	0	0	0	0.00	7.26	0
CO21291	CO21289	9.32	1 1-	6ACWC	0	0	377	135	0	0	0	0.00	7.26	0
CO21290	CO21291	9.38	1 1-	6ACWC	0	0	374	134	0	0	0	0.00	7.26	0
CO21218	CO21290	9.44	1 1-	6ACWC	0	0	371	134	0	0	0	0.00	7.26	0
CO21328	CO21218	9.55	1 1-	6ACWC	0	0	366	133	0	0	0	0.00	7.26	0
CO21323	CO21328	9.65	1 1-	6ACWC	0	0	361	132	0	0	0	0.00	7.26	0
CO21327	CO21323	9.70	1 1-	6ACWC	0	0	359	132	0	0	0	0.00	7.26	0
CO21324	CO21327	9.75	1 1-	6ACWC	0	0	356	132	0	0	0	0.00	7.26	0
CO21326	CO21324	9.82	1 1-	6ACWC	0	0	353	131	0	0	0	0.00	7.26	0
CO21325	CO21326	9.87	1 1-	6ACWC	0	0	351	131	0	0	0	0.00	7.26	0
CO21195	CO21287	8.90	10 1-	6ACWC	0	0	400	137	32	4	3	0.02	7.27	0
CO-706580733	CO21195	9.08	9 1-	2ACSR	0	0	392	137	29	4	2	0.02	7.30	0
CO937351556	CO-706580733	9.12	1 1-	2ACSR	0	0	390	136	0	0	0	0.00	7.30	0
CO-2120450629	CO-706580733	9.17	8 1-	2ACSR	0	0	388	136	29	4	2	0.01	7.31	0
CO1389486039	CO-2120450629	9.42	8 1-	2ACSR	0	0	378	135	29	4	2	0.03	7.34	0
CO21299	CO1389486039	9.55	5 1-	6ACWC	0	0	371	134	18	2	2	0.01	7.36	0
CO21292	CO21299	9.69	4 1-	6ACWC	0	0	364	133	16	2	2	0.01	7.37	0
CO21298	CO21292	9.81	3 1-	6ACWC	0	0	358	132	12	1	1	0.01	7.38	0
CO21293	CO21298	9.83	2 1-	6ACWC	0	0	357	132	2	0	0	0.00	7.38	0
CO21297	CO21293	9.85	1 1-	6ACWC	0	0	357	132	2	0	0	0.00	7.38	0
CO21294	CO21297	9.92	1 1-	6ACWC	0	0	353	131	2	0	0	0.00	7.38	0
CO21296	CO21294	10.14	1 1-	6ACWC	0	0	343	130	2	0	0	0.00	7.38	0
CO21295	CO21296	10.21	1 1-	6ACWC	0	0	340	130	2	0	0	0.00	7.38	0
CO21331	CO1389486039	9.54	3 1-	6ACWC	0	0	371	134	12	1	1	0.01	7.35	0
CO21223	CO21331	9.59	1 1-	4/0ACSR	0	0	370	134	1	0	0	0.00	7.35	0
CO21333	CO21331	9.61	2 1-	6ACWC	0	0	368	134	11	1	1	0.00	7.36	0
CO21332	CO21333	9.68	1 1-	6ACWC	0	0	364	133	7	1	1	0.00	7.36	0
CO21196	CO21195	8.97	1 1-	6ACWC	0	0	396	137	2	0	0	0.00	7.27	0
CO21220	CO21196	9.06	1 1-	6ACWC	0	0	391	136	2	0	0	0.00	7.27	0
CO21219	CO21196	9.02	0 1-	6ACWC	0	0	393	137	0	0	0	0.00	7.27	0
CO21276	CO21200	8.41	0 1-	6ACWC	0	0	430	141	0	0	0	0.00	6.95	0
CO21278	CO21276	8.72	0 1-	6ACWC	0	0	411	139	0	0	0	0.00	6.95	0
CO21277	CO21278	9.04	0 1-	6ACWC	0	0	392	136	0	0	0	0.00	6.95	0
CO21216	CO21194	7.73	1 1-	6ACWC	0	0	479	147	2	0	0	0.00	6.61	0
CO21198	CO30541	7.76	6 1-	6ACWC	0	0	476	146	14	2	1	0.02	6.55	0
CO21353	CO21198	8.00	1 1-	6ACWC	0	0	458	144	0	0	0	0.00	6.55	0
CO23745	CO21353	8.16	1 1-	6ACWC	0	0	447	143	0	0	0	0.00	6.55	0
CO21199	CO21198	7.86	5 1-	6ACWC	0	0	469	145	14	2	1	0.01	6.56	0
CO30556	CO21199	7.97	2 1-	6ACWC	0	0	461	145	11	1	1	0.01	6.57	0
CO21334	CO30556	7.98	1 1-	6ACWC	0	0	460	145	8	1	1	0.00	6.57	0
CO21222	CO21199	7.91	1 1-	6ACWC	0	0	465	145	0	0	0	0.00	6.56	0
CO21336	CO21199	8.05	2 1-	6ACWC	0	0	455	144	3	0	0	0.00	6.56	0
CO21335	CO21336	8.16	1 1-	6ACWC	0	0	447	143	1	0	0	0.00	6.56	0
CO21658	CO21763	6.59	1 1-	6ACWC	0	0	584	157	10	1	1	0.00	5.39	0
CO21648	CO21762	6.37	2 1-	6ACWC	0	0	607	159	5	0	0	0.00	4.94	0
CO-404456751	CO-737095448	6.20	1 1-	2ACSR	0	0	628	160	5	0	0	0.00	4.78	0
CO21774	CO21761	6.07	76 3-	1/0ACSR	742	707	643	162	438	20	9	0.02	4.71	13

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21775	CO21774	6.10	75 3-	1/0ACSR	739	704	640	161	433	20	9	0.01	4.72	7
CO21776	CO21775	6.11	74 3-	1/0ACSR	738	703	638	161	432	20	9	0.01	4.73	5
CO21777	CO21776	6.18	71 3-	1/0ACSR	732	697	632	161	422	20	9	0.03	4.75	16
CO21778	CO21777	6.22	71 3-	1/0ACSR	730	694	630	161	422	20	9	0.01	4.76	7
CO21779	CO21778	6.43	70 3-	1/0ACSR	713	676	611	160	422	20	9	0.08	4.84	50
CO21604	CO21779	6.45	65 3-	1/0ACSR	711	675	610	160	410	19	8	0.01	4.85	4
CO21584	CO21604	6.74	65 3-	1/0ACSR	690	653	587	158	410	19	8	0.10	4.95	62
CO21585	CO21584	6.83	63 3-	1/0ACSR	684	646	580	158	405	19	8	0.03	4.98	20
CO21609	CO21585	6.91	1 1-	4ACSR	0	0	572	157	0	0	0	0.00	4.98	0
OC561847537	CO21609	6.91	0 1-	15 N FUSE	0	0	572	157	0	0	0	0.00	4.98	0
CO21586	CO21585	6.92	62 3-	1/0ACSR	677	639	573	157	404	19	8	0.03	5.01	20
CO21587	CO21586	7.25	59 3-	1/0ACSR	655	616	550	156	395	18	8	0.11	5.12	67
CO21784	CO21587	7.30	3 2-	1/0ACSR	0	613	547	156	23	1	1	0.00	5.13	0
CO21627	CO21784	7.36	1 1-	4ACSR	0	0	541	155	23	3	2	0.00	5.13	0
CO21785	CO21784	7.35	2 2-	1/0ACSR	0	609	544	155	0	0	0	0.00	5.13	0
OC-1328186315	CO21785	7.35	1 2-	15 N FUSE	0	609	544	155	0	0	0	0.00	5.13	0
CO21628	OC-1328186315	7.40	1 2-	4ACSR	0	604	539	155	0	0	0	0.00	5.13	0
CO21786	CO21587	7.32	56 3-	1/0ACSR	650	611	545	155	372	17	8	0.02	5.15	12
CO21787	CO21786	7.37	56 3-	1/0ACSR	647	608	542	155	372	17	8	0.02	5.16	9
CO21629	CO21787	7.42	1 1-	4ACSR	0	0	538	155	6	0	1	0.00	5.16	0
OC-1340754495	CO21629	7.42	0 1-	15 N FUSE	0	0	538	155	0	0	0	0.00	5.16	0
CO21788	CO21787	7.42	55 3-	1/0ACSR	644	605	539	155	365	17	8	0.01	5.18	8
CO21789	CO21788	7.44	51 3-	1/0ACSR	643	603	538	155	356	16	7	0.01	5.18	3
CO21637	CO21789	7.47	12 1-	4ACSR	0	0	534	155	56	8	6	0.01	5.19	0
OC2085208967	CO21637	7.47	10 1-	15 N FUSE	0	0	534	155	45	6	43	0.00	5.19	0
CO21790	OC2085208967	7.50	10 1-	2ACSR	0	0	532	154	45	6	4	0.01	5.20	0
CO21791	CO21790	7.56	10 1-	2ACSR	0	0	528	154	45	6	4	0.01	5.21	0
CO21792	CO21791	7.57	8 1-	2ACSR	0	0	527	154	35	5	3	0.00	5.21	0
CO21793	CO21792	7.62	5 1-	2ACSR	0	0	524	154	24	3	2	0.01	5.22	0
CO21794	CO21793	7.64	4 1-	2ACSR	0	0	523	154	21	3	2	0.00	5.22	0
CO21634	CO21794	7.71	2 1-	4ACSR	0	0	516	153	10	1	1	0.00	5.22	0
CO21795	CO21794	7.69	2 1-	4ACSR	0	0	518	153	11	1	1	0.00	5.22	0
CO21796	CO21795	7.77	2 1-	4ACSR	0	0	511	152	11	1	1	0.01	5.23	0
CO21797	CO21796	7.81	2 1-	4ACSR	0	0	508	152	11	1	1	0.00	5.23	0
CO21798	CO21797	8.01	2 1-	4ACSR	0	0	492	150	11	1	1	0.01	5.25	0
CO21799	CO21798	8.06	2 1-	4ACSR	0	0	488	150	11	1	1	0.00	5.25	0
CO21800	CO21799	8.16	1 1-	4ACSR	0	0	480	149	11	1	1	0.00	5.25	0
CO21801	CO21789	7.63	39 3-	1/0ACSR	631	591	525	154	300	14	6	0.05	5.23	22
CO-801342664	CO21801	7.66	0 1-	2ACSR	0	0	523	154	0	0	0	0.00	5.23	0
CO21802	CO21801	7.69	37 3-	1/0ACSR	627	587	522	154	286	13	6	0.01	5.25	6
CO21588	CO21802	7.74	34 3-	1/0ACSR	624	584	519	154	283	13	6	0.01	5.26	5
CO21612	CO21588	7.79	2 1-	4ACSR	0	0	515	153	10	1	1	0.00	5.26	0
OC625854964	CO21612	7.79	0 1-	15 N FUSE	0	0	515	153	0	0	0	0.00	5.26	0
CO21803	CO21588	7.76	32 3-	1/0ACSR	623	583	518	153	273	13	6	0.00	5.26	0
CO21805	CO21803	7.80	31 3-	1/0ACSR	621	581	515	153	270	12	6	0.01	5.27	4
CO21807	CO21805	7.84	4 1-	2ACSR	0	0	512	153	8	1	1	0.00	5.27	0
OC44002331	CO21807	7.84	2 1-	15 N FUSE	0	0	512	153	0	0	0	0.00	5.27	0
CO915297609	OC44002331	7.86	1 1-	2ACSR	0	0	511	153	0	0	0	0.00	5.27	0
CO21808	OC44002331	7.91	1 1-	2ACSR	0	0	508	153	0	0	0	0.00	5.27	0
CO21806	CO21805	7.81	27 3-	1/0ACSR	620	580	515	153	262	12	5	0.00	5.27	0
CO21804	CO21806	7.85	25 3-	1/0ACSR	617	578	512	153	245	11	5	0.01	5.28	3
CO21589	CO21804	7.95	15 3-	1/0ACSR	612	573	507	153	195	9	4	0.02	5.30	5

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21930	CO21589	7.95	13 1-	4ACSR	0	0	506	153	52	7	5	0.00	5.30	0
OC649	CO21930	7.95	13 1-	10 N FUSE	0	0	506	153	52	7	74	0.00	5.30	0
CO21931	OC649	8.00	13 1-	4ACSR	0	0	503	152	52	7	5	0.01	5.31	0
CO21817	CO21931	8.05	11 1-	4ACSR	0	0	498	152	47	6	5	0.02	5.33	0
CO21818	CO21817	8.34	11 1-	4ACSR	0	0	476	149	47	6	5	0.09	5.42	7
CO21597	CO21818	8.41	9 1-	4ACSR	0	0	471	149	29	4	3	0.01	5.44	0
CO21821	CO21597	8.48	7 1-	4/0ACSR	0	0	468	148	27	3	1	0.00	5.44	0
CO21822	CO21821	8.59	5 1-	4/0ACSR	0	0	464	148	23	3	1	0.00	5.44	0
CO21823	CO21822	8.65	4 1-	4/0ACSR	0	0	461	148	11	1	0	0.00	5.44	0
CO-942639537	CO21823	8.82	1 1-	2ACSR	0	0	452	147	7	1	1	0.00	5.45	0
CO21824	CO21823	8.78	2 1-	4/0ACSR	0	0	457	148	1	0	0	0.00	5.44	0
CO21635	CO21597	8.45	2 1-	4/0ACSR	0	0	469	148	3	0	0	0.00	5.44	0
CO21819	CO21818	8.36	2 1-	4/0ACSR	0	0	475	149	17	2	1	0.00	5.42	0
CO21820	CO21819	8.43	1 1-	4/0ACSR	0	0	473	149	9	1	0	0.00	5.42	0
CO21596	CO21589	8.09	2 3-	1/0ACSR	603	565	498	152	143	6	3	0.02	5.32	4
CO21630	CO21596	8.14	1 3-	4ACSR	600	562	495	152	130	6	4	0.01	5.32	0
CO21825	CO21596	8.14	1 1-	1/0ACSR	0	0	496	152	13	1	1	0.00	5.32	0
OC-1936152119	CO21825	8.14	1 1-	15 N FUSE	0	0	496	152	13	1	12	0.00	5.32	0
CO21826	OC-1936152119	8.18	1 1-	1/0ACSR	0	0	494	152	13	1	1	0.00	5.32	0
CO21933	CO21596	8.10	0 3-	1/0ACSR	603	565	498	152	0	0	0	0.00	5.32	0
SW657-A	CO21933	8.10	0 3-	Open	603	565	498	152	0	0	0	0.00	5.32	0
CO21928	CO21804	7.86	10 1-	4ACSR	0	0	512	153	51	7	5	0.00	5.29	0
OC650	CO21928	7.86	10 1-	10 N FUSE	0	0	512	153	51	7	72	0.00	5.29	0
CO21929	OC650	7.97	10 1-	4ACSR	0	0	503	152	51	7	5	0.03	5.32	3
CO21809	CO21929	8.04	8 1-	4ACSR	0	0	497	151	46	6	5	0.02	5.34	0
CO21613	CO21809	8.13	1 1-	4ACSR	0	0	490	151	0	0	0	0.00	5.34	0
CO21810	CO21809	8.07	6 1-	4ACSR	0	0	494	151	41	5	4	0.01	5.35	0
CO21811	CO21810	8.13	5 1-	4ACSR	0	0	490	151	36	5	4	0.01	5.36	0
CO21812	CO21811	8.16	5 1-	4ACSR	0	0	487	150	36	5	4	0.01	5.37	0
CO21813	CO21812	8.20	5 1-	4ACSR	0	0	485	150	36	5	4	0.01	5.38	0
CO21814	CO21813	8.27	3 1-	4ACSR	0	0	480	149	28	4	3	0.01	5.39	0
CO21815	CO21814	8.34	1 1-	4ACSR	0	0	474	149	10	1	1	0.00	5.39	0
CO21816	CO21815	8.38	0 1-	4ACSR	0	0	471	148	0	0	0	0.00	5.39	0
CO21611	CO21802	7.73	3 1-	4ACSR	0	0	518	153	3	0	0	0.00	5.25	0
OC973916398	CO21611	7.73	0 1-	15 N FUSE	0	0	518	153	0	0	0	0.00	5.25	0
CO21610	CO21586	7.04	2 1-	4ACSR	0	0	562	156	8	1	1	0.00	5.02	0
OC47851699	CO21610	7.04	0 1-	10 N FUSE	0	0	562	156	0	0	0	0.00	5.02	0
CO21782	CO21584	6.84	2 1-	4ACSR	0	0	576	157	5	0	0	0.00	4.95	0
OC-107442683	CO21782	6.84	2 1-	15 N FUSE	0	0	576	157	5	0	5	0.00	4.95	0
CO21783	OC-107442683	7.02	1 1-	4ACSR	0	0	559	156	0	0	0	0.00	4.95	0
CO21662	OC-107442683	6.89	1 1-	2ACSR	0	0	572	157	5	0	0	0.00	4.95	0
CO21926	CO21779	6.44	4 1-	4ACSR	0	0	610	160	11	1	1	0.00	4.84	0
OC651	CO21926	6.44	4 1-	10 N FUSE	0	0	610	160	11	1	16	0.00	4.84	0
CO21927	OC651	6.47	4 1-	4ACSR	0	0	608	159	11	1	1	0.00	4.84	0
CO21780	CO21927	6.48	4 1-	4ACSR	0	0	606	159	11	1	1	0.00	4.84	0
CO21781	CO21780	6.56	3 1-	4ACSR	0	0	597	158	8	1	1	0.00	4.85	0
CO21608	CO21781	6.70	1 1-	4ACSR	0	0	583	157	6	0	1	0.00	4.85	0
CO21607	CO21781	6.65	1 1-	4ACSR	0	0	588	158	0	0	0	0.00	4.85	0
CO21606	CO21781	6.62	1 1-	4ACSR	0	0	591	158	2	0	0	0.00	4.85	0
CO21652	CO21606	6.64	1 1-	4ACSR	0	0	589	158	2	0	0	0.00	4.85	0
CO21752	CO21735	5.79	9 1-	4ACSR	0	0	667	163	57	8	6	0.02	4.54	0
OC-1224035283	CO21752	5.79	6 1-	15 N FUSE	0	0	667	163	35	4	33	0.00	4.54	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21753	OC-1224035283	5.93	6 1-	4ACSR	0	0	649	161	35	4	4	0.03	4.56	0
CO21756	CO21753	5.98	5 1-	4ACSR	0	0	643	161	27	3	3	0.01	4.57	0
CO21754	CO21756	6.04	2 1-	2ACSR	0	0	637	160	8	1	1	0.00	4.57	0
CO1285886472	CO21754	6.09	1 1-	2ACSR	0	0	631	160	3	0	0	0.00	4.57	0
CO21757	CO21756	6.02	3 1-	4ACSR	0	0	637	160	19	2	2	0.00	4.58	0
CO21755	CO21757	6.04	2 1-	4ACSR	0	0	635	160	6	0	1	0.00	4.58	0
CO21736	CO21735	5.83	20 1-	4ACSR	0	0	661	162	81	11	8	0.05	4.57	7
OC1345921433	CO21736	5.83	19 1-	15 N FUSE	0	0	661	162	77	10	73	0.00	4.57	0
CO21737	OC1345921433	5.84	19 1-	4ACSR	0	0	660	162	77	10	8	0.01	4.58	0
CO21645	CO21737	5.94	1 1-	4ACSR	0	0	648	161	4	0	0	0.00	4.58	0
CO21744	CO21737	5.90	5 1-	4ACSR	0	0	653	161	5	0	1	0.00	4.58	0
CO21745	CO21744	5.92	5 1-	4ACSR	0	0	650	161	5	0	1	0.00	4.58	0
CO21746	CO21745	6.03	3 1-	4ACSR	0	0	636	160	1	0	0	0.00	4.58	0
CO21747	CO21746	6.06	3 1-	4ACSR	0	0	633	160	1	0	0	0.00	4.58	0
CO21748	CO21747	6.07	1 1-	4ACSR	0	0	631	160	1	0	0	0.00	4.58	0
CO21749	CO21748	6.24	1 1-	4ACSR	0	0	611	158	1	0	0	0.00	4.58	0
CO21750	CO21749	6.31	1 1-	4ACSR	0	0	604	158	1	0	0	0.00	4.58	0
CO21751	CO21750	6.34	1 1-	4ACSR	0	0	600	157	1	0	0	0.00	4.58	0
CO21738	CO21737	5.86	13 1-	4ACSR	0	0	658	162	68	9	7	0.01	4.58	0
CO21739	CO21738	5.88	12 1-	4ACSR	0	0	656	162	61	8	6	0.01	4.59	0
CO21740	CO21739	5.89	10 1-	4ACSR	0	0	653	162	48	6	5	0.00	4.59	0
CO21741	CO21740	5.92	6 1-	4ACSR	0	0	651	161	31	4	3	0.00	4.60	0
CO21742	CO21741	6.00	5 1-	4ACSR	0	0	640	160	26	3	3	0.01	4.61	0
CO21743	CO21742	6.05	3 1-	4ACSR	0	0	634	160	21	2	2	0.00	4.61	0
CO21644	CO21602	5.55	2 1-	4ACSR	0	0	690	164	13	1	1	0.00	4.32	0
OC-585143829	CO21644	5.55	0 1-	15 N FUSE	0	0	690	164	0	0	0	0.00	4.32	0
CO21727	CO21601	5.46	1 1-	4ACSR	0	0	698	164	0	0	0	0.00	4.24	0
OC-1347325923	CO21727	5.46	1 1-	15 N FUSE	0	0	698	164	0	0	0	0.00	4.24	0
CO21728	OC-1347325923	5.52	1 1-	4ACSR	0	0	690	163	0	0	0	0.00	4.24	0
CO21725	CO21724	5.29	1 1-	1/0ACSR	0	0	721	165	12	1	1	0.00	4.16	0
OC1693438067	CO21725	5.29	0 1-	15 N FUSE	0	0	721	165	0	0	0	0.00	4.16	0
CO21726	OC1693438067	5.50	0 1-	1/0ACSR	0	0	698	164	0	0	0	0.00	4.16	0
CO21693	CO21600	4.84	2 1-	4ACSR	0	0	773	168	14	1	1	0.00	3.74	0
OC-604782552	CO21693	4.84	1 1-	15 N FUSE	0	0	773	168	11	1	10	0.00	3.74	0
CO21694	OC-604782552	4.91	0 1-	4ACSR	0	0	761	167	0	0	0	0.00	3.74	0
CO21695	CO21694	5.01	0 1-	4ACSR	0	0	744	166	0	0	0	0.00	3.74	0
CO21656	OC-604782552	4.91	1 1-	4ACSR	0	0	761	167	11	1	1	0.00	3.75	0
CO21641	CO21692	4.81	1 1-	4ACSR	0	0	777	168	6	0	1	0.00	3.72	0
OC-932696693	CO21641	4.81	0 1-	15 N FUSE	0	0	777	168	0	0	0	0.00	3.72	0
CO21674	CO21673	4.44	4 1-	4ACSR	0	0	824	169	24	3	2	0.01	3.35	0
OC317149101	CO21674	4.44	3 1-	15 N FUSE	0	0	824	169	23	3	21	0.00	3.35	0
CO21675	OC317149101	4.51	3 1-	4ACSR	0	0	813	169	23	3	2	0.01	3.36	0
CO21640	CO21675	4.61	1 1-	4ACSR	0	0	795	168	15	2	1	0.00	3.36	0
CO21676	CO21675	4.54	2 1-	4ACSR	0	0	806	168	8	1	1	0.00	3.36	0
CO30558	CO21676	4.64	1 1-	4ACSR	0	0	790	167	6	0	1	0.00	3.36	0
CO21677	CO30558	4.67	1 1-	4ACSR	0	0	784	167	6	0	1	0.00	3.37	0
CO21639	CO21599	4.34	1 1-	4ACSR	0	0	840	170	0	0	0	0.00	3.27	0
OC1361696432	CO21639	4.34	0 1-	15 N FUSE	0	0	840	170	0	0	0	0.00	3.27	0
CO22737	CO22559	3.73	15 1-	1/0ACSR	0	0	937	174	81	11	5	0.00	2.70	0
OC685	CO22737	3.73	15 1-	10 N FUSE	0	0	937	174	81	11	114	0.00	2.70	0
CO22738	OC685	3.75	15 1-	1/0ACSR	0	0	934	174	81	11	5	0.00	2.70	0
CO22637	CO22738	3.80	15 1-	1/0ACSR	0	0	926	173	81	11	5	0.01	2.71	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22638	CO22637	3.82	13 1-	1/0ACSR	0	0	922	173	74	10	4	0.01	2.72	0
CO-849264697	CO22638	3.91	0 1-	2ACSR	0	0	906	172	0	0	0	0.00	2.72	0
CO-706108249	CO-849264697	4.08	0 1-	2ACSR	0	0	876	171	0	0	0	0.00	2.72	0
CO22639	CO22638	3.85	13 1-	1/0ACSR	0	0	918	173	74	10	4	0.01	2.72	0
CO22640	CO22639	4.07	12 1-	1/0ACSR	0	0	882	172	71	9	4	0.05	2.78	5
CO22593	CO22640	4.12	3 1-	4/0ACSR	0	0	876	172	17	2	1	0.00	2.78	0
CO22641	CO22640	4.25	9 1-	4/0ACSR	0	0	859	171	54	7	2	0.02	2.79	0
CO22642	CO22641	4.34	9 1-	4/0ACSR	0	0	848	171	54	7	2	0.01	2.80	0
CO22644	CO22642	4.38	1 1-	1/0PRIURD	0	0	842	392	11	1	1	0.00	2.80	0
CO22643	CO22642	4.43	8 1-	4/0ACSR	0	0	837	171	44	6	2	0.01	2.81	0
CO22645	CO22643	4.52	8 1-	4/0ACSR	0	0	826	170	44	6	2	0.01	2.82	0
CO22647	CO22645	4.64	4 1-	4/0ACSR	0	0	812	170	25	3	1	0.01	2.83	0
CO22648	CO22647	4.71	3 1-	4/0ACSR	0	0	804	170	21	2	1	0.00	2.83	0
CO30543	CO22648	4.76	3 1-	1/0ACSR	0	0	797	169	21	2	1	0.00	2.83	0
CO23703	CO30543	4.82	1 1-	2ACSR	0	0	789	169	3	0	0	0.00	2.83	0
CO21659	CO30543	4.84	1 1-	2ACSR	0	0	786	169	8	1	1	0.00	2.83	0
CO21638	CO30543	4.80	1 1-	1/0ACSR	0	0	792	169	11	1	1	0.00	2.83	0
CO22646	CO22645	4.60	3 1-	2ACSR	0	0	814	170	17	2	1	0.00	2.83	0
CO23704	CO22646	4.69	2 1-	2ACSR	0	0	801	169	9	1	1	0.00	2.83	0
CO20844+	CO20840	3.15	2 1-	4/0ACSR	0	0	1559	334	7	0	0	0.00	0.99	0
OC-2064140116+	CO20844	3.15	1 1-	15 N FUSE	0	0	1559	334	0	0	0	0.00	0.99	0
CO-1585024422+	OC-2064140116	3.28	1 1-	2ACSR	0	0	1522	332	0	0	0	0.00	0.99	0
CO-548982232+	CO-1585024422	3.43	1 1-	2ACSR	0	0	1480	330	0	0	0	0.00	0.99	0
CO-1979360875+	CO-548982232	3.52	1 1-	2ACSR	0	0	1456	329	0	0	0	0.00	0.99	0
CO1744720978+	CO-1979360875	3.60	1 1-	2ACSR	0	0	1436	327	0	0	0	0.00	0.99	0
CO20832+	CO20838	2.95	1 1-	4/0ACSR	0	0	1602	335	10	0	0	0.00	0.94	0
OC-574728957+	CO20832	2.95	0 1-	15 N FUSE	0	0	1602	335	0	0	0	0.00	0.94	0
CO20831+	CO23706	2.64	0 1-	4/0ACSR	0	0	1676	337	0	0	0	0.00	0.84	0
OC-172505075+	CO20831	2.64	0 1-	15 N FUSE	0	0	1676	337	0	0	0	0.00	0.84	0
CO20255+	CO20235	2.24	3 1-	4/0ACSR	0	0	1782	340	21	1	0	0.00	0.73	0
OC132119179+	CO20255	2.24	0 1-	15 N FUSE	0	0	1782	340	0	0	0	0.00	0.73	0
CO20406+	CO20402	2.16	6 1-	4/0ACSR	0	0	1807	340	18	1	0	0.00	0.71	0
OC940042315+	CO20406	2.16	6 1-	15 N FUSE	0	0	1807	340	18	1	8	0.00	0.71	0
CO20407+	OC940042315	2.19	6 1-	4/0ACSR	0	0	1796	340	18	1	0	0.00	0.71	0
CO20405+	CO20407	2.20	1 1-	4/0ACSR	0	0	1794	340	5	0	0	0.00	0.71	0
CO20404+	CO20405	2.22	1 1-	4/0ACSR	0	0	1789	340	5	0	0	0.00	0.71	0
CO20403+	CO20404	2.27	1 1-	4/0ACSR	0	0	1775	339	5	0	0	0.00	0.71	0
CO20253+	CO20400	2.17	2 1-	4/0ACSR	0	0	1802	340	1	0	0	0.00	0.68	0
OC-213565509+	CO20253	2.17	1 1-	15 N FUSE	0	0	1802	340	1	0	0	0.00	0.68	0
CO20254+	OC-213565509	2.43	1 1-	4/0ACSR	0	0	1733	338	1	0	0	0.00	0.68	0
CO20252+	CO20234	1.94	0 1-	4/0ACSR	0	0	1871	341	0	0	0	0.00	0.62	0
OC-1540661072+	CO20252	1.94	0 1-	15 N FUSE	0	0	1871	341	0	0	0	0.00	0.62	0
CO20250+	CO20389	1.47	1 1-	4/0ACSR	0	0	2027	344	4	0	0	0.00	0.47	0
OC1760788030+	CO20250	1.47	0 1-	15 N FUSE	0	0	2027	344	0	0	0	0.00	0.47	0
CO20244+	CO20239	0.82	0 3-	4/0ACSR	2265	2302	2290	349	0	0	0	0.00	0.26	0
OC1500712599+	CO20244	0.82	0 3-	10 N FUSE	2265	2302	2290	349	0	0	0	0.00	0.26	0
CO20368+	CO20365	0.35	3 1-	4/0ACSR	0	0	2525	351	13	0	0	0.00	0.10	0
OC1156665728+	CO20368	0.35	2 1-	15 N FUSE	0	0	2525	351	9	0	4	0.00	0.10	0
CO20369+	OC1156665728	0.39	2 1-	4/0ACSR	0	0	2501	351	9	0	0	0.00	0.10	0
CO20416+	CO20413	0.02	893 3-	750 MCM - 42 Wi	2528	2708	2716	354	3480	78	7	0.00	0.01	5

Substation Power Factor: 0.98

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
Holly+	CO20416	0.02	893 3-	560 200WVE	2528	2708	2716	354	3480	78	14	0.00	0.01	0
CO20316+	Holly	0.03	893 3-	4/0ACSR	2524	2701	2710	354	3480	78	23	0.00	0.01	18
CO20317+	CO20316	0.05	893 3-	4/0ACSR	2517	2690	2698	353	3480	78	23	0.01	0.02	34
CO20318+	CO20317	0.17	893 3-	4/0ACSR	2477	2622	2629	353	3480	78	23	0.04	0.06	201
CO20319+	CO20318	0.34	893 3-	4/0ACSR	2419	2528	2533	352	3479	78	23	0.07	0.13	302
CO20320+	CO20319	0.43	893 3-	4/0ACSR	2389	2482	2484	351	3478	78	23	0.04	0.16	160
CO20263+	CO20320	0.50	2 1-	4ACSR	0	0	2431	349	7	0	0	0.00	0.16	0
CO20243+	CO20320	0.52	891 3-	4/0ACSR	2358	2436	2435	350	3470	78	23	0.04	0.20	166
CO20424+	CO20243	0.67	0 1-	4ACSR	0	0	2333	347	0	0	0	0.00	0.20	0
CO20425+	CO20424	0.67	0 1-	4ACSR	0	0	2329	347	0	0	0	0.00	0.20	0
SW620-A+	CO20425	0.67	0 1-	Open	0	0	2329	347	0	0	0	0.00	0.20	0
CO20321+	CO20243	0.60	889 3-	4/0ACSR	2334	2401	2397	350	3465	78	23	0.03	0.23	133
CO20322+	CO20321	0.70	889 3-	4/0ACSR	2302	2354	2347	349	3464	78	23	0.04	0.27	181
CO20323+	CO20322	0.80	888 3-	4/0ACSR	2273	2313	2302	349	3450	77	23	0.04	0.31	170
CO20324+	CO20323	1.19	888 3-	4/0ACSR	2160	2160	2132	346	3449	77	23	0.15	0.46	694
CO20325+	CO20324	1.37	888 3-	4/0ACSR	2112	2100	2064	345	3446	77	23	0.07	0.53	310
CO20326+	CO20325	1.73	887 3-	4/0ACSR	2022	1989	1938	343	3442	77	23	0.14	0.67	627
CO20327+	CO20326	1.87	887 3-	4/0ACSR	1990	1951	1894	342	3439	77	23	0.05	0.72	237
CO20328+	CO20327	1.98	887 3-	4/0ACSR	1964	1920	1859	341	3438	77	23	0.04	0.76	195
CO20329+	CO20328	2.07	887 3-	4/0ACSR	1943	1895	1831	341	3437	77	23	0.04	0.80	165
CO23750+	CO20329	2.27	887 3-	4/0ACSR	1901	1847	1776	339	3436	77	23	0.07	0.87	336
CO20026+	CO23750	2.36	887 3-	4/0ACSR	1881	1824	1749	339	3435	77	23	0.04	0.91	168
CO19975+	CO20026	2.44	0 1-	4ACSR	0	0	1718	337	0	0	0	0.00	0.91	0
CO19958+	CO20026	2.52	887 3-	4/0ACSR	1848	1787	1707	338	3434	77	23	0.06	0.97	280
CO19959+	CO19958	2.60	883 3-	4/0ACSR	1833	1769	1689	337	3431	77	23	0.03	1.00	125
CO19977+	CO19959	2.71	1 1-	4ACSR	0	0	1645	335	0	0	0	0.00	1.00	0
CO19976+	CO19959	2.72	1 1-	4ACSR	0	0	1642	335	5	0	0	0.00	1.00	0
CO19960+	CO19959	3.18	881 3-	4/0ACSR	1724	1651	1553	334	3425	77	23	0.22	1.22	1010
CO20011+	CO19960	3.50	877 3-	4/0ACSR	1669	1593	1487	332	3412	77	23	0.12	1.35	552
CO20012+	CO20011	3.61	877 3-	4/0ACSR	1651	1574	1466	331	3409	77	23	0.04	1.39	187
CO20073+	CO20012	3.69	877 3-	4/0ACSR	1638	1560	1451	331	3408	77	23	0.03	1.42	140
CO20074+	CO20073	3.72	875 3-	4/0ACSR	1632	1555	1444	330	3401	77	23	0.01	1.43	59
CO20013+	CO20074	3.77	870 3-	4/0ACSR	1624	1546	1434	330	3385	76	23	0.02	1.45	92
CO20014+	CO20013	3.84	870 3-	4/0ACSR	1613	1534	1422	330	3384	76	23	0.03	1.48	119
CO19961+	CO20014	4.03	868 3-	4/0ACSR	1584	1504	1389	328	3378	76	23	0.07	1.55	313
CO20104+	CO19961	4.04	2 1-	2ACSR	0	0	1387	328	3	0	0	0.00	1.55	0
OC608+	CO20104	4.04	2 1-	10 N FUSE	0	0	1387	328	3	0	2	0.00	1.55	0
CO20105+	OC608	4.41	2 1-	2ACSR	0	0	1304	323	3	0	0	0.00	1.55	0
CO20017+	CO20105	4.47	2 1-	2ACSR	0	0	1290	322	3	0	0	0.00	1.55	0
CO20018+	CO20017	4.52	2 1-	2ACSR	0	0	1280	322	3	0	0	0.00	1.55	0
CO20019+	CO20018	4.64	1 1-	2ACSR	0	0	1256	320	1	0	0	0.00	1.55	0
CO20020+	CO20019	4.83	1 1-	2ACSR	0	0	1219	317	1	0	0	0.00	1.55	0
CO19979+	CO19961	4.11	0 1-	4ACSR	0	0	1368	327	0	0	0	0.00	1.55	0
CO20015+	CO19961	4.15	865 3-	4/0ACSR	1567	1486	1369	328	3361	76	22	0.04	1.59	197
CO20016+	CO20015	4.21	864 3-	4/0ACSR	1557	1477	1358	327	3356	76	22	0.03	1.61	113
CO20102+	CO20016	4.22	3 1-	2ACSR	0	0	1356	327	8	0	0	0.00	1.61	0
OC607+	CO20102	4.22	3 1-	10 N FUSE	0	0	1356	327	8	0	5	0.00	1.61	0
CO20103+	OC607	4.28	3 1-	2ACSR	0	0	1343	326	8	0	0	0.00	1.62	0
CO20078+	CO20103	4.46	2 1-	2ACSR	0	0	1304	324	3	0	0	0.00	1.62	0
CO20076+	CO20078	4.56	2 1-	2ACSR	0	0	1284	322	3	0	0	0.00	1.62	0
CO20077+	CO20076	4.58	1 1-	2ACSR	0	0	1278	322	0	0	0	0.00	1.62	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20021+	CO20077	4.75	1 1-	2ACSR	0	0	1245	320	0	0	0	0.00	1.62	0
CO20022+	CO20021	4.85	1 1-	2ACSR	0	0	1226	318	0	0	0	0.00	1.62	0
CO20023+	CO20022	5.08	1 1-	2ACSR	0	0	1183	315	0	0	0	0.00	1.62	0
CO20024+	CO20023	5.21	1 1-	2ACSR	0	0	1160	314	0	0	0	0.00	1.62	0
CO20025+	CO20024	5.27	1 1-	2ACSR	0	0	1150	313	0	0	0	0.00	1.62	0
CO19980+	CO20078	4.54	0 1-	2ACSR	0	0	1288	323	0	0	0	0.00	1.62	0
CO20079+	CO20016	4.28	861 3-	4/0ACSR	1548	1468	1348	327	3348	76	22	0.02	1.64	102
CO20080+	CO20079	4.30	859 3-	4/0ACSR	1545	1465	1344	327	3340	76	22	0.01	1.65	42
CO23781+	CO20080	4.80	859 3-	4/0ACSR	1475	1395	1267	324	3340	76	22	0.19	1.83	837
CO19911+	CO23781	4.93	858 3-	4/0ACSR	1459	1378	1249	323	3334	75	22	0.05	1.88	214
CO19863+	CO19911	5.03	857 3-	4/0ACSR	1446	1365	1235	322	3333	75	22	0.04	1.92	162
CO23783+	CO19863	5.15	856 3-	4/0ACSR	1432	1351	1219	322	3332	75	22	0.04	1.96	193
CO18010+	CO23783	5.38	855 3-	4/0ACSR	1404	1323	1189	320	3328	75	22	0.08	2.04	379
CO18011+	CO18010	5.51	852 3-	4/0ACSR	1388	1308	1173	319	3308	75	22	0.05	2.09	212
CO18012+	CO18011	5.78	852 3-	4/0ACSR	1357	1276	1140	318	3307	75	22	0.10	2.19	455
CO17968+	CO18012	5.82	1 1-	4ACSR	0	0	1132	317	2	0	0	0.00	2.19	0
CO18013+	CO18012	5.93	851 3-	4/0ACSR	1341	1261	1123	317	3303	75	22	0.05	2.25	234
CO18014+	CO18013	5.99	850 3-	4/0ACSR	1335	1255	1117	316	3301	75	22	0.02	2.27	95
CO17988+	CO18014	6.00	850 3-	4/0ACSR	1333	1253	1115	316	3301	75	22	0.01	2.27	25
CO18016+	CO17988	6.08	846 3-	4/0ACSR	1324	1244	1106	316	3287	75	22	0.03	2.30	134
CO18017+	CO18016	6.42	845 3-	4/0ACSR	1289	1210	1069	314	3278	74	22	0.12	2.43	551
CO17969+	CO18017	6.51	2 1-	4ACSR	0	0	1055	312	10	0	1	0.00	2.43	0
CO18003+	CO18017	6.46	843 3-	4/0ACSR	1286	1207	1066	314	3265	74	22	0.01	2.44	48
CO18018+	CO18003	6.73	842 3-	4/0ACSR	1259	1181	1039	312	3262	74	22	0.10	2.53	434
CO18019+	CO18018	6.76	841 3-	4/0ACSR	1256	1178	1036	312	3254	74	22	0.01	2.55	49
CO17990+	CO18019	6.95	841 3-	4/0ACSR	1238	1160	1018	311	3254	74	22	0.07	2.61	302
CO18037+	CO17990	7.25	841 3-	4/0ACSR	1210	1134	990	309	3252	74	22	0.11	2.72	484
CO18028+	CO18037	7.29	839 3-	4/0ACSR	1206	1130	987	309	3243	74	22	0.02	2.74	68
CO17957+	CO18028	7.35	838 3-	4/0ACSR	1202	1125	982	308	3233	74	22	0.02	2.76	83
CO18020+	CO17957	7.45	837 3-	4/0ACSR	1193	1117	974	308	3178	72	21	0.03	2.79	150
CO18021+	CO18020	7.55	836 3-	4/0ACSR	1184	1108	964	307	3168	72	21	0.04	2.83	161
CO17958+	CO18021	7.76	830 3-	4/0ACSR	1167	1092	948	306	3124	71	21	0.07	2.90	300
CO17959+	CO17958	7.83	829 3-	4/0ACSR	1161	1086	942	305	3115	71	21	0.02	2.92	106
CO17991+	CO17959	7.92	644 3-	1/0AAAC	1152	1078	933	305	2519	57	22	0.04	2.96	176
CO17992+	CO17991	8.15	644 3-	1/0AAAC	1132	1059	914	303	2518	57	22	0.10	3.07	423
CO18022+	CO17992	8.26	644 3-	1/0AAAC	1122	1050	904	302	2516	57	22	0.05	3.12	208
CO18023+	CO18022	8.36	644 3-	1/0AAAC	1114	1042	896	301	2515	57	22	0.04	3.16	178
CO18031+	CO18023	8.48	1 1-	4ACSR	0	0	881	299	7	0	0	0.00	3.16	0
CO18032+	CO18031	8.60	0 1-	4ACSR	0	0	867	296	0	0	0	0.00	3.16	0
CO17993+	CO18031	8.60	1 1-	4ACSR	0	0	868	297	7	0	0	0.00	3.17	0
CO17994+	CO17993	8.65	1 1-	4ACSR	0	0	862	296	7	0	0	0.00	3.17	0
CO18024+	CO18023	8.48	640 3-	1/0AAAC	1104	1032	887	300	2498	56	22	0.05	3.22	218
CO18025+	CO18024	8.60	639 3-	1/0AAAC	1094	1022	876	299	2492	56	22	0.06	3.27	230
CO17981+	CO18025	8.65	0 1-	4ACSR	0	0	871	298	0	0	0	0.00	3.27	0
CO18026+	CO18025	8.76	639 3-	1/0AAAC	1080	1010	864	297	2491	56	22	0.07	3.35	292
CO18027+	CO18026	9.03	639 3-	1/0AAAC	1059	990	844	295	2490	56	22	0.12	3.47	494
CO23786+	CO18027	9.21	637 3-	1/0AAAC	1045	977	831	293	2477	56	22	0.08	3.55	321
CO19879+	CO23786	9.42	636 3-	1/0AAAC	1029	962	816	292	2470	56	22	0.09	3.64	378
CO19880+	CO19879	9.59	634 3-	1/0AAAC	1017	951	804	290	2458	56	22	0.08	3.72	305
CO19871+	CO19880	9.70	0 1-	4ACSR	0	0	794	289	0	0	0	0.00	3.72	0
CO19870+	CO19880	9.66	3 1-	4ACSR	0	0	798	289	4	0	0	0.00	3.72	0
CO19864+	CO19880	9.78	631 3-	1/0AAAC	1003	938	792	289	2452	56	22	0.08	3.80	338

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19949+	CO19864	9.79	86 3-	6ACWC	1002	937	791	289	323	7	6	0.00	3.80	0
OC599+	CO19949	9.79	86 3-	50 E OCR	1002	937	791	289	323	7	16	0.00	3.80	0
CO19950+	OC599	9.88	86 3-	6ACWC	992	929	782	287	323	7	6	0.01	3.82	8
CO19944+	CO19950	9.92	85 3-	6ACWC	987	924	778	286	318	7	5	0.01	3.82	4
CO19867+	CO19944	10.34	83 3-	6ACWC	940	884	739	280	309	7	5	0.06	3.89	33
CO-170068005+	CO19867	10.38	5 1-	2ACSR	0	0	736	279	18	1	1	0.00	3.89	0
CO795745543+	CO-170068005	10.58	4 1-	2ACSR	0	0	722	277	11	0	0	0.00	3.89	0
CO19932+	CO795745543	11.07	2 1-	4ACSR	0	0	681	270	8	0	0	0.00	3.89	0
CO19930+	CO19932	11.27	0 1-	4ACSR	0	0	666	267	0	0	0	0.00	3.89	0
CO19887+	CO19930	11.40	0 1-	4ACSR	0	0	656	265	0	0	0	0.00	3.89	0
CO19951+	CO19887	11.85	0 1-	4ACSR	0	0	624	259	0	0	0	0.00	3.89	0
CO-1022042501+	CO-170068005	10.41	1 1-	2ACSR	0	0	734	279	7	0	0	0.00	3.89	0
CO19937+	CO19867	10.38	78 3-	6ACWC	936	881	735	279	290	7	5	0.01	3.89	3
CO19938+	CO19937	10.46	77 3-	6ACWC	928	873	728	278	288	6	5	0.01	3.90	6
CO19874+	CO19938	10.52	1 1-	4ACSR	0	0	724	277	3	0	0	0.00	3.90	0
CO19881+	CO19938	10.47	76 3-	6ACWC	926	872	727	278	284	6	5	0.00	3.90	0
CO19882+	CO19881	10.63	75 3-	6ACWC	909	858	713	275	274	6	5	0.02	3.93	10
CO19875+	CO19882	10.76	2 1-	4ACSR	0	0	703	274	10	0	1	0.00	3.93	0
CO19933+	CO19882	10.71	73 3-	6ACWC	901	851	707	274	264	6	5	0.01	3.93	5
CO19934+	CO19933	10.74	72 3-	6ACWC	899	848	705	274	263	6	5	0.00	3.94	0
CO19945+	CO19934	10.74	3 1-	4ACSR	0	0	704	274	12	0	1	0.00	3.94	0
OC595+	CO19945	10.74	3 1-	10 N FUSE	0	0	704	274	12	0	9	0.00	3.94	0
CO19946+	OC595	10.78	3 1-	4ACSR	0	0	701	273	12	0	1	0.00	3.94	0
CO19888+	CO19946	10.85	1 1-	4ACSR	0	0	696	272	0	0	0	0.00	3.94	0
CO19889+	CO19888	11.00	1 1-	4ACSR	0	0	683	270	0	0	0	0.00	3.94	0
CO19890+	CO19889	11.09	1 1-	4ACSR	0	0	677	269	0	0	0	0.00	3.94	0
CO19891+	CO19890	11.12	1 1-	4ACSR	0	0	674	268	0	0	0	0.00	3.94	0
CO19935+	CO19934	10.76	69 3-	6ACWC	897	846	703	274	251	6	4	0.00	3.94	0
CO19936+	CO19935	10.86	68 3-	6ACWC	886	837	695	272	248	6	4	0.01	3.95	5
CO19926+	CO19936	10.99	68 3-	6ACWC	873	826	684	270	248	6	4	0.02	3.97	7
CO19927+	CO19926	11.01	67 3-	6ACWC	871	824	682	270	246	5	4	0.00	3.97	0
CO19910+	CO19927	11.04	67 3-	6ACWC	869	822	681	270	246	5	4	0.00	3.97	0
CO19942+	CO19910	11.08	3 1-	4ACSR	0	0	678	269	15	1	1	0.00	3.97	0
CO19943+	CO19942	11.13	3 1-	4ACSR	0	0	673	268	15	1	1	0.00	3.98	0
CO19928+	CO19943	11.17	2 1-	4ACSR	0	0	670	268	7	0	0	0.00	3.98	0
CO19929+	CO19928	11.20	1 1-	4ACSR	0	0	668	267	7	0	0	0.00	3.98	0
CO19883+	CO19910	11.09	64 3-	6ACWC	864	818	676	269	231	5	4	0.01	3.98	3
CO19884+	CO19883	11.12	64 3-	6ACWC	861	815	674	268	231	5	4	0.00	3.98	0
CO19885+	CO19884	11.16	64 3-	6ACWC	857	812	671	268	231	5	4	0.00	3.99	0
CO19886+	CO19885	11.22	63 3-	6ACWC	852	807	667	267	225	5	4	0.01	3.99	2
CO19947+	CO19886	11.22	62 1-	6ACWC	0	0	666	267	215	15	11	0.00	4.00	0
OC596+	CO19947	11.22	62 1-	50 H OCR	0	0	666	267	215	15	31	0.00	4.00	0
CO19948+	OC596	11.27	62 1-	6ACWC	0	0	663	266	215	15	11	0.02	4.01	7
CO19916+	CO19948	11.31	7 1-	4ACSR	0	0	660	266	42	3	2	0.00	4.02	0
CO19917+	CO19916	11.38	5 1-	4ACSR	0	0	654	265	27	1	1	0.00	4.02	0
CO19912+	CO19917	11.43	2 1-	4ACSR	0	0	651	264	8	0	0	0.00	4.02	0
CO19913+	CO19912	11.76	2 1-	4ACSR	0	0	627	260	8	0	0	0.00	4.02	0
CO19914+	CO19913	11.79	2 1-	4ACSR	0	0	625	259	8	0	0	0.00	4.02	0
CO19915+	CO19914	11.86	1 1-	4ACSR	0	0	621	258	5	0	0	0.00	4.02	0
CO19895+	CO19915	11.95	1 1-	4ACSR	0	0	614	257	5	0	0	0.00	4.02	0
CO19896+	CO19895	12.06	1 1-	4ACSR	0	0	607	256	5	0	0	0.00	4.03	0
CO19897+	CO19896	12.25	1 1-	4ACSR	0	0	595	253	5	0	0	0.00	4.03	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19924+	CO19948	11.35	55 1-	6ACWC	0	0	657	265	173	12	9	0.02	4.03	6
CO1269607117+	CO19924	11.38	54 1-	2ACSR	0	0	655	265	161	11	7	0.01	4.04	0
AU64	CO1269607117	11.38	54 1-	167 KVA 1PH AUT	0	0	536	161	161	11	102	1.14	5.18	0
CO-1256035124	AU64	11.42	54 1-	2ACSR	0	0	533	161	161	23	13	0.03	5.21	8
CO19922	CO-1256035124	11.45	54 1-	6ACWC	0	0	531	161	161	23	17	0.03	5.24	8
CO19923	CO19922	11.55	53 1-	6ACWC	0	0	524	160	156	22	16	0.10	5.35	27
CO19892	CO19923	11.72	52 1-	6ACWC	0	0	511	158	156	22	16	0.18	5.53	47
CO19893	CO19892	11.86	52 1-	6ACWC	0	0	501	157	155	22	16	0.15	5.67	38
CO19877	CO19893	11.92	1 1-	4ACSR	0	0	496	156	3	0	0	0.00	5.67	0
CO19876	CO19893	11.93	1 1-	4ACSR	0	0	496	156	2	0	0	0.00	5.67	0
CO19920	CO19893	11.91	50 1-	6ACWC	0	0	497	156	151	22	16	0.06	5.73	15
CO19921	CO19920	11.96	49 1-	6ACWC	0	0	494	156	151	22	16	0.04	5.78	11
CO19918	CO19921	11.98	48 1-	6ACWC	0	0	492	155	148	21	16	0.03	5.80	7
CO19919	CO19918	12.06	47 1-	6ACWC	0	0	487	155	148	21	16	0.08	5.88	19
CO19878	CO19919	12.19	1 1-	4ACSR	0	0	478	153	11	1	1	0.00	5.89	0
CO19866	CO19919	12.17	46 1-	6ACWC	0	0	479	154	137	20	14	0.11	5.99	24
CO19905	CO19866	12.25	2 1-	4ACSR	0	0	474	153	1	0	0	0.00	5.99	0
CO19906	CO19905	12.30	2 1-	4ACSR	0	0	471	153	1	0	0	0.00	5.99	0
CO19894	CO19866	12.25	43 1-	6ACWC	0	0	474	153	134	19	14	0.07	6.06	16
CO23751	CO19894	12.30	43 1-	6ACWC	0	0	470	152	134	19	14	0.05	6.11	11
CO20151	CO23751	12.43	40 1-	6ACWC	0	0	462	151	128	18	14	0.11	6.21	22
CO20153	CO20151	12.46	38 1-	6ACWC	0	0	460	151	115	16	12	0.02	6.24	5
CO20152	CO20153	12.59	37 1-	6ACWC	0	0	452	150	114	16	12	0.10	6.33	18
CO20148	CO20152	12.64	36 1-	6ACWC	0	0	449	150	110	16	12	0.04	6.37	7
CO20150	CO20148	12.78	35 1-	6ACWC	0	0	440	148	107	15	11	0.11	6.48	19
CO20149	CO20150	12.85	35 1-	6ACWC	0	0	436	148	107	15	11	0.05	6.53	9
CO20154	CO20149	12.93	35 1-	6ACWC	0	0	431	147	107	15	11	0.06	6.59	10
CO20155	CO20154	12.97	35 1-	6ACWC	0	0	429	147	107	15	11	0.03	6.62	6
CO20178	CO20155	13.08	34 1-	6ACWC	0	0	423	146	104	15	11	0.07	6.69	13
CO20179	CO20178	13.15	34 1-	6ACWC	0	0	418	145	104	15	11	0.05	6.75	9
CO20128	CO20179	13.29	2 1-	4ACSR	0	0	411	144	1	0	0	0.00	6.75	0
CO20180	CO20179	13.21	30 1-	6ACWC	0	0	415	145	98	14	10	0.04	6.78	6
CO20181	CO20180	13.26	30 1-	6ACWC	0	0	412	144	98	14	10	0.04	6.82	6
CO20226	CO20181	13.27	29 1-	6ACWC	0	0	412	144	97	14	10	0.00	6.83	0
OC609	CO20226	13.27	29 1-	35 H OCR	0	0	412	144	97	14	41	0.00	6.83	0
CO20225	OC609	13.36	29 1-	6ACWC	0	0	407	144	97	14	10	0.06	6.88	10
CO20177	CO20225	13.37	29 1-	6ACWC	0	0	406	143	97	14	10	0.01	6.89	0
CO20114	CO20177	13.43	22 1-	6ACWC	0	0	403	143	72	10	8	0.03	6.92	4
CO20110	CO20114	13.46	19 1-	6ACWC	0	0	401	143	66	9	7	0.01	6.94	0
CO30536	CO20110	13.50	17 1-	6ACWC	0	0	400	142	61	9	6	0.01	6.95	0
CO30537	CO30536	13.58	17 1-	6ACWC	0	0	395	142	61	9	6	0.03	6.98	3
CO19518	CO30537	13.70	17 1-	6ACWC	0	0	389	141	61	9	6	0.05	7.04	5
CO19513	CO19518	13.80	16 1-	6ACWC	0	0	384	140	60	8	6	0.04	7.07	4
CO19517	CO19513	13.86	14 1-	6ACWC	0	0	381	140	55	8	6	0.02	7.10	0
CO19515	CO19517	13.87	14 1-	6ACWC	0	0	381	140	55	8	6	0.00	7.10	0
CO19514	CO19515	13.97	12 1-	6ACWC	0	0	376	139	53	7	6	0.04	7.14	3
CO19516	CO19514	13.99	12 1-	6ACWC	0	0	375	139	53	7	6	0.01	7.14	0
CO19600	CO19516	14.04	1 1-	4ACSR	0	0	372	138	1	0	0	0.00	7.14	0
CO19599	CO19600	14.14	1 1-	4ACSR	0	0	368	138	1	0	0	0.00	7.15	0
CO19519	CO19516	14.07	10 1-	6ACWC	0	0	371	138	43	6	5	0.02	7.17	0
CO19531	CO19519	14.16	8 1-	6ACWC	0	0	367	137	37	5	4	0.02	7.19	0
CO19521	CO19531	14.25	7 1-	6ACWC	0	0	363	137	35	5	4	0.02	7.21	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19520	CO19521	14.29	6 1-	6ACWC	0	0	361	136	25	3	3	0.01	7.22	0
CO19522	CO19520	14.34	5 1-	6ACWC	0	0	359	136	22	3	2	0.01	7.22	0
CO19530	CO19522	14.42	5 1-	6ACWC	0	0	356	136	22	3	2	0.01	7.23	0
CO19524	CO19530	14.44	5 1-	6ACWC	0	0	355	135	22	3	2	0.00	7.24	0
CO19523	CO19524	14.50	3 1-	6ACWC	0	0	352	135	14	2	2	0.00	7.24	0
CO19529	CO19523	14.58	1 1-	6ACWC	0	0	349	134	4	0	0	0.00	7.24	0
CO19525	CO19529	14.62	1 1-	6ACWC	0	0	347	134	4	0	0	0.00	7.24	0
CO20223	CO20110	13.51	2 1-	4ACSR	0	0	399	142	6	0	1	0.00	6.94	0
CO20126	CO20223	13.52	1 1-	2ACSR	0	0	398	142	1	0	0	0.00	6.94	0
CO20206	CO20223	13.54	1 1-	4ACSR	0	0	397	142	5	0	1	0.00	6.94	0
CO20205	CO20114	13.46	2 1-	4ACSR	0	0	402	143	6	0	1	0.00	6.92	0
CO20204	CO20114	13.51	1 1-	4ACSR	0	0	399	142	0	0	0	0.00	6.92	0
CO20113	CO20177	13.56	2 1-	6ACWC	0	0	396	142	4	0	0	0.00	6.90	0
CO20167	CO20113	13.64	2 1-	6ACWC	0	0	392	141	4	0	0	0.00	6.90	0
CO20156	CO20167	13.68	2 1-	6ACWC	0	0	390	141	4	0	0	0.00	6.90	0
CO20166	CO20156	13.83	2 1-	6ACWC	0	0	383	140	4	0	0	0.00	6.90	0
CO20219	CO20166	13.89	2 1-	4ACSR	0	0	380	139	4	0	0	0.00	6.90	0
CO20218	CO20219	13.98	2 1-	4ACSR	0	0	376	139	4	0	0	0.00	6.91	0
CO20130	CO20218	14.11	1 1-	1/0PRIURD	0	0	372	243	3	0	0	0.00	6.91	0
CO20165	CO20166	13.89	0 1-	6ACWC	0	0	380	139	0	0	0	0.00	6.90	0
CO20159	CO20165	13.99	0 1-	6ACWC	0	0	375	139	0	0	0	0.00	6.90	0
CO20157	CO20159	14.04	0 1-	6ACWC	0	0	373	138	0	0	0	0.00	6.90	0
CO20158	CO20157	14.06	0 1-	6ACWC	0	0	371	138	0	0	0	0.00	6.90	0
CO20161	CO20158	14.09	0 1-	6ACWC	0	0	370	138	0	0	0	0.00	6.90	0
CO20160	CO20161	14.14	0 1-	6ACWC	0	0	368	138	0	0	0	0.00	6.90	0
CO20164	CO20160	14.20	0 1-	6ACWC	0	0	365	137	0	0	0	0.00	6.90	0
CO20162	CO20164	14.33	0 1-	6ACWC	0	0	359	136	0	0	0	0.00	6.90	0
CO20163	CO20162	14.40	0 1-	6ACWC	0	0	356	136	0	0	0	0.00	6.90	0
CO20122	CO20163	14.46	0 1-	4ACSR	0	0	354	135	0	0	0	0.00	6.90	0
CO-206101063	CO20122	14.66	0 1-	2ACSR	0	0	347	134	0	0	0	0.00	6.90	0
CO20121	CO20163	14.43	0 1-	4ACSR	0	0	355	135	0	0	0	0.00	6.90	0
CO20203	CO20177	13.43	2 1-	4ACSR	0	0	403	143	7	0	1	0.00	6.89	0
CO20202	CO20203	13.48	1 1-	4ACSR	0	0	401	143	4	0	0	0.00	6.90	0
CO20129	CO20177	13.51	1 1-	4ACSR	0	0	399	142	8	1	1	0.00	6.90	0
CO20217	CO20181	13.30	1 1-	4ACSR	0	0	410	144	1	0	0	0.00	6.82	0
CO20216	CO20217	13.33	1 1-	4ACSR	0	0	408	144	1	0	0	0.00	6.82	0
CO20127	CO20155	13.03	1 1-	4ACSR	0	0	425	146	3	0	0	0.00	6.62	0
CO19903+	CO19936	11.09	0 1-	4ACSR	0	0	676	269	0	0	0	0.00	3.95	0
CO19904+	CO19903	11.18	0 1-	4ACSR	0	0	669	268	0	0	0	0.00	3.95	0
CO19873+	CO19944	9.98	2 1-	4ACSR	0	0	773	286	9	0	0	0.00	3.82	0
CO19865+	CO19864	9.83	545 3-	1/0ACSR	999	934	788	288	2128	48	21	0.02	3.82	64
CO19872+	CO19865	9.85	1 1-	4ACSR	0	0	786	288	5	0	0	0.00	3.82	0
CO19952+	CO19865	9.83	544 3-	1/0ACSR	999	934	788	288	2122	48	21	0.00	3.82	9
OC602+	CO19952	9.83	544 3-	100 E OCR	999	934	788	288	2122	48	48	0.00	3.82	0
CO30699+	OC602	9.88	544 3-	1/0ACSR	995	931	785	288	2122	48	21	0.02	3.84	61
CO19939+	CO30699	9.90	3 1-	4ACSR	0	0	783	288	10	0	1	0.00	3.84	0
CO19940+	CO19939	9.96	2 1-	4ACSR	0	0	777	287	10	0	1	0.00	3.84	0
CO19901+	CO19940	10.01	2 1-	4ACSR	0	0	772	286	10	0	1	0.00	3.84	0
CO19902+	CO19901	10.11	1 1-	4ACSR	0	0	763	284	3	0	0	0.00	3.84	0
CO23787+	CO30699	9.94	541 3-	1/0ACSR	991	926	781	287	2111	48	21	0.02	3.86	79
CO17963+	CO23787	10.45	540 3-	1/0ACSR	952	891	747	283	2110	48	21	0.19	4.06	678
CO17997+	CO17963	10.64	2 1-	4ACSR	0	0	730	280	15	1	1	0.00	4.06	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17998+	CO17997	10.68	2 1-	4ACSR	0	0	727	280	15	1	1	0.00	4.06	0
CO17964+	CO17963	10.54	536 3-	1/0ACSR	946	885	741	282	2086	47	21	0.03	4.09	115
CO18033+	CO17964	10.55	5 1-	4ACSR	0	0	741	282	17	1	1	0.00	4.09	0
OC543+	CO18033	10.55	5 1-	10 N FUSE	0	0	741	282	17	1	12	0.00	4.09	0
CO18034+	OC543	10.59	5 1-	4ACSR	0	0	737	282	17	1	1	0.00	4.09	0
CO18002+	CO18034	10.62	4 1-	4ACSR	0	0	734	281	10	0	1	0.00	4.09	0
CO18029+	CO18002	10.66	4 1-	4ACSR	0	0	730	280	10	0	1	0.00	4.09	0
CO18030+	CO18029	10.71	2 1-	4ACSR	0	0	726	280	2	0	0	0.00	4.09	0
CO17999+	CO18030	10.80	2 1-	4ACSR	0	0	719	278	2	0	0	0.00	4.09	0
CO18000+	CO17999	10.85	2 1-	4ACSR	0	0	714	278	2	0	0	0.00	4.09	0
CO18001+	CO18000	11.04	1 1-	4ACSR	0	0	699	275	1	0	0	0.00	4.09	0
CO23788+	CO18001	11.28	1 1-	4ACSR	0	0	680	271	1	0	0	0.00	4.09	0
CO17986+	CO18034	10.66	1 1-	1/0PRIURD	0	0	733	494	7	0	0	0.00	4.09	0
CO17965+	CO17964	10.65	531 3-	1/0ACSR	939	878	735	282	2069	47	21	0.04	4.13	135
CO17985+	CO17965	10.70	2 1-	2ACSR	0	0	730	281	10	0	0	0.00	4.13	0
CO867757230+	CO17985	10.77	1 1-	2ACSR	0	0	726	280	4	0	0	0.00	4.13	0
CO17966+	CO17965	10.69	527 3-	1/0ACSR	936	876	732	281	2052	46	20	0.01	4.14	49
CO30677+	CO17966	10.82	526 3-	1/0ACSR	927	867	724	280	2043	47	21	0.05	4.20	171
CO17984+	CO30677	10.89	0 1-	4ACSR	0	0	718	279	0	0	0	0.00	4.20	0
CO23795+	CO30677	10.94	526 3-	1/0ACSR	919	860	717	279	2043	47	21	0.05	4.25	156
CO17751+	CO23795	10.94	4 1-	4ACSR	0	0	717	279	9	0	0	0.00	4.25	0
OC526+	CO17751	10.94	4 1-	10 N FUSE	0	0	717	279	9	0	7	0.00	4.25	0
CO17752+	OC526	11.00	4 1-	4ACSR	0	0	712	278	9	0	0	0.00	4.25	0
CO17673+	CO17752	11.07	3 1-	4ACSR	0	0	706	277	7	0	0	0.00	4.25	0
CO17672+	CO17673	11.19	2 1-	4ACSR	0	0	696	275	3	0	0	0.00	4.25	0
CO17671+	CO17672	11.30	1 1-	4ACSR	0	0	687	274	2	0	0	0.00	4.25	0
CO17670+	CO17671	11.38	1 1-	4ACSR	0	0	682	273	2	0	0	0.00	4.25	0
CO17674+	CO23795	11.04	521 3-	1/0ACSR	912	853	711	278	2029	47	21	0.04	4.29	132
CO17676+	CO17674	11.06	520 3-	1/0ACSR	910	852	710	278	2020	47	20	0.01	4.30	25
CO17580+	CO17676	11.09	518 3-	1/0ACSR	908	850	708	278	2003	46	20	0.01	4.31	36
CO17598+	CO17580	11.14	2 1-	4ACSR	0	0	705	277	3	0	0	0.00	4.31	0
CO17732+	CO17598	11.20	2 1-	1/0PRIURD	0	0	701	479	3	0	0	0.00	4.31	0
CO17581+	CO17580	11.11	516 3-	1/0ACSR	907	849	707	278	1999	46	20	0.01	4.32	22
CO17677+	CO17581	11.48	515 3-	1/0ACSR	883	827	686	275	1997	46	20	0.15	4.47	470
CO17678+	CO17677	11.57	513 3-	1/0ACSR	878	822	682	274	1992	46	20	0.03	4.50	106
CO17600+	CO17678	11.61	2 1-	4ACSR	0	0	679	274	8	0	0	0.00	4.50	0
CO17582+	CO17678	11.68	506 3-	1/0ACSR	871	816	676	273	1964	45	20	0.05	4.55	137
CO17584+	CO17582	11.70	496 3-	1/0ACSR	870	815	675	273	1932	45	20	0.01	4.56	22
CO17605+	CO17584	11.83	3 1-	1/0ACSR	0	0	669	272	30	2	1	0.00	4.56	0
CO17606+	CO17605	11.88	2 1-	1/0ACSR	0	0	666	272	10	0	0	0.00	4.56	0
CO17585+	CO17584	11.85	492 3-	1/0ACSR	860	806	667	272	1890	44	19	0.06	4.61	169
CO17730+	CO17585	11.93	491 3-	1/0ACSR	856	802	663	271	1886	43	19	0.03	4.64	84
CO17731+	CO17730	12.04	491 3-	1/0ACSR	849	796	658	271	1885	43	19	0.04	4.69	126
CO17586+	CO17731	12.35	488 3-	1/0ACSR	832	780	643	268	1873	43	19	0.12	4.80	338
CO17608+	CO17586	12.39	1 1-	4ACSR	0	0	640	268	10	0	1	0.00	4.80	0
CO17721+	CO17586	12.39	3 1-	4ACSR	0	0	640	268	10	0	1	0.00	4.80	0
CO17722+	CO17721	12.52	2 1-	4ACSR	0	0	631	266	0	0	0	0.00	4.80	0
CO17609+	CO17722	12.69	0 1-	4ACSR	0	0	620	263	0	0	0	0.00	4.80	0
CO17726+	CO17722	12.60	2 1-	4ACSR	0	0	626	265	0	0	0	0.00	4.80	0
CO17727+	CO17726	12.69	1 1-	4ACSR	0	0	620	263	0	0	0	0.00	4.80	0
CO17723+	CO17727	12.74	1 1-	4ACSR	0	0	617	263	0	0	0	0.00	4.80	0
CO17724+	CO17723	12.81	0 1-	4ACSR	0	0	613	262	0	0	0	0.00	4.80	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17725+	CO17726	12.68	1 1-	4ACSR	0	0	621	264	0	0	0	0.00	4.80	0
CO17719+	CO17586	12.38	484 3-	1/0ACSR	830	778	641	268	1852	43	19	0.01	4.81	28
CO17720+	CO17719	12.58	483 3-	1/0ACSR	819	768	632	267	1842	42	19	0.07	4.89	213
CO17610+	CO17720	12.67	0 1-	1/0ACSR	0	0	628	266	0	0	0	0.00	4.89	0
CO17712+	CO17720	12.62	477 3-	1/0ACSR	817	766	630	266	1819	42	18	0.02	4.90	43
CO17713+	CO17712	12.75	476 3-	1/0ACSR	810	760	624	265	1819	42	18	0.05	4.95	134
CO17611+	CO17713	12.84	1 1-	4ACSR	0	0	618	264	0	0	0	0.00	4.95	0
CO17708+	CO17713	12.79	4 1-	4ACSR	0	0	622	265	16	1	1	0.00	4.95	0
CO17709+	CO17708	12.82	3 1-	4ACSR	0	0	619	264	10	0	1	0.00	4.95	0
CO17710+	CO17709	12.92	2 1-	4ACSR	0	0	613	263	5	0	0	0.00	4.95	0
CO17711+	CO17710	13.01	1 1-	4ACSR	0	0	608	262	2	0	0	0.00	4.95	0
CO17706+	CO17713	12.81	471 3-	1/0ACSR	807	756	622	265	1802	42	18	0.02	4.97	63
CO17707+	CO17706	12.87	470 3-	1/0ACSR	804	754	619	264	1798	41	18	0.02	4.99	62
CO17705+	CO17707	13.04	470 3-	1/0ACSR	795	746	612	263	1798	41	18	0.06	5.05	165
CO17612+	CO17705	13.11	1 1-	4ACSR	0	0	607	262	3	0	0	0.00	5.05	0
CO17587+	CO17705	13.04	469 3-	1/0ACSR	795	745	611	263	1794	41	18	0.00	5.05	7
CA64+	CO17587	13.04	0 3-	Capacitor	795	745	611	263	0	-6	0	0.00	5.05	0
CO-1594928902+	CO17587	13.17	1 1-	2ACSR	0	0	605	262	1	0	0	0.00	5.05	0
CO17737+	CO17587	13.08	6 1-	4ACSR	0	0	609	263	21	1	1	0.00	5.05	0
CO17738+	CO17737	13.16	3 1-	4ACSR	0	0	604	262	13	0	1	0.00	5.06	0
CO17704+	CO17738	13.26	2 1-	4ACSR	0	0	598	260	13	0	1	0.00	5.06	0
CO23829+	CO17704	13.45	1 1-	4ACSR	0	0	587	258	8	0	0	0.00	5.06	0
CO17613+	CO17738	13.30	1 1-	4ACSR	0	0	596	260	0	0	0	0.00	5.06	0
CO17702+	CO17587	13.12	462 3-	1/0ACSR	791	742	608	263	1772	43	19	0.03	5.08	81
CO17703+	CO17702	13.19	461 3-	1/0ACSR	787	738	605	262	1759	42	19	0.03	5.11	80
CO17701+	CO17703	13.26	460 3-	1/0ACSR	784	735	602	262	1759	42	19	0.03	5.14	70
CO17700+	CO17701	13.29	1 1-	2ACSR	0	0	601	261	6	0	0	0.00	5.14	0
CO17699+	CO17701	13.33	459 3-	1/0ACSR	780	732	599	261	1753	42	19	0.03	5.17	70
CO17697+	CO17699	13.37	459 3-	1/0ACSR	778	730	598	261	1753	42	19	0.02	5.19	48
CO17698+	CO17697	13.39	459 3-	1/0ACSR	777	729	597	261	1752	42	19	0.01	5.19	21
CO17615+	CO17698	13.47	2 1-	4ACSR	0	0	592	260	6	0	0	0.00	5.19	0
CO17588+	CO17698	13.50	455 3-	1/0ACSR	772	724	592	260	1737	42	18	0.04	5.24	110
CO23831+	CO17588	13.62	394 3-	1/0ACSR	766	719	588	259	1525	37	16	0.04	5.28	92
CO17420+	CO23831	13.77	393 3-	1/0ACSR	759	713	582	258	1513	36	16	0.05	5.33	117
CO17410+	CO17420	13.82	389 3-	1/0ACSR	757	710	580	258	1494	36	16	0.02	5.35	39
CO17411+	CO17410	13.83	388 3-	1/0ACSR	756	710	579	258	1490	36	16	0.00	5.35	8
CO17400+	CO17411	13.87	2 1-	2ACSR	0	0	577	257	5	0	0	0.00	5.35	0
CO17409+	CO17411	13.85	386 3-	1/0ACSR	755	709	579	257	1485	36	16	0.01	5.36	16
CO23832+	CO17409	13.93	3 1-	4ACSR	0	0	574	256	12	0	1	0.00	5.36	0
CO17733+	CO23832	13.98	2 1-	4ACSR	0	0	571	256	11	0	1	0.00	5.36	0
CO17592+	CO17733	14.03	2 1-	4ACSR	0	0	569	255	11	0	1	0.00	5.36	0
CO17593+	CO17592	14.19	2 1-	4ACSR	0	0	560	253	11	0	1	0.00	5.36	0
CO17623+	CO17593	14.38	2 1-	4ACSR	0	0	550	251	11	0	1	0.00	5.36	0
CO17622+	CO17593	14.23	0 1-	4ACSR	0	0	558	253	0	0	0	0.00	5.36	0
CO17621+	CO17592	14.08	0 1-	4ACSR	0	0	565	254	0	0	0	0.00	5.36	0
CO17361+	CO17409	13.90	378 3-	1/0ACSR	753	707	577	257	1449	35	15	0.02	5.37	37
CO17407+	CO17361	13.96	2 1-	4ACSR	0	0	573	256	11	0	1	0.00	5.37	0
CO17406+	CO17407	13.98	1 1-	4ACSR	0	0	572	256	4	0	0	0.00	5.37	0
CO17405+	CO17361	13.94	376 3-	1/0ACSR	751	705	575	257	1437	35	15	0.01	5.39	31
CO17478+	CO17405	14.09	374 3-	1/0ACSR	744	699	569	256	1426	34	15	0.05	5.43	102
CO17479+	CO17478	14.24	372 3-	1/0ACSR	738	693	564	255	1426	34	15	0.05	5.48	102
CO17389+	CO17479	14.30	2 1-	4ACSR	0	0	561	254	4	0	0	0.00	5.48	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO17480+	CO17479	14.26	369 3-	1/0ACSR	737	692	563	255	1419	34	15	0.01	5.49	14
CO17481+	CO17480	14.32	366 3-	1/0ACSR	734	689	561	254	1406	34	15	0.02	5.51	43
CO17511+	CO17481	14.33	2 1-	4ACSR	0	0	560	254	6	0	0	0.00	5.51	0
OC531+	CO17511	14.33	2 1-	10 N FUSE	0	0	560	254	6	0	4	0.00	5.51	0
CO17512+	OC531	14.47	2 1-	4ACSR	0	0	553	252	6	0	0	0.00	5.51	0
CO23833+	CO17512	14.64	2 1-	4ACSR	0	0	544	250	6	0	0	0.00	5.51	0
CO17662+	CO23833	14.72	2 1-	4ACSR	0	0	540	249	6	0	0	0.00	5.51	0
CO17663+	CO17662	14.79	0 1-	4ACSR	0	0	537	248	0	0	0	0.00	5.51	0
CO23834+	CO17663	14.90	0 1-	4ACSR	0	0	531	247	0	0	0	0.00	5.51	0
CO17452+	CO17481	14.38	0 1-	4ACSR	0	0	558	253	0	0	0	0.00	5.51	0
CO17453+	CO17452	14.42	0 1-	4ACSR	0	0	556	253	0	0	0	0.00	5.51	0
CO17482+	CO17481	14.50	364 3-	1/0ACSR	726	682	554	253	1400	34	15	0.06	5.57	118
CO17483+	CO17482	14.56	363 3-	1/0ACSR	723	679	552	253	1398	34	15	0.02	5.59	44
CO17390+	CO17483	14.66	1 1-	4ACSR	0	0	547	251	1	0	0	0.00	5.59	0
CO17501+	CO17483	14.68	357 3-	1/0ACSR	719	675	548	252	1376	33	15	0.03	5.62	72
CO17502+	CO17501	14.77	357 3-	1/0ACSR	715	671	545	251	1376	33	15	0.03	5.65	60
CO17370+	CO17502	14.91	341 3-	1/0ACSR	709	666	540	250	1307	31	14	0.04	5.69	83
CO17392+	CO17370	14.99	0 1-	4ACSR	0	0	536	249	0	0	0	0.00	5.69	0
CO17371+	CO17370	14.99	341 3-	1/0ACSR	706	663	538	250	1306	31	14	0.02	5.72	44
CO17372+	CO17371	15.25	339 3-	1/0ACSR	695	653	529	248	1301	31	14	0.08	5.79	154
CO17484+	CO17372	15.30	335 3-	1/0ACSR	693	651	527	248	1289	31	14	0.01	5.81	27
CO17485+	CO17484	15.35	334 3-	1/0ACSR	691	650	526	247	1288	31	14	0.01	5.82	27
CO17375+	CO17485	15.41	262 3-	1/0ACSR	689	647	524	247	1075	26	11	0.01	5.84	24
CO17458+	CO17375	15.46	2 1-	4ACSR	0	0	521	246	6	0	0	0.00	5.84	0
CO17459+	CO17458	15.52	1 1-	4ACSR	0	0	519	246	0	0	0	0.00	5.84	0
CO17460+	CO17459	15.66	1 1-	4ACSR	0	0	512	244	0	0	0	0.00	5.84	0
CO17374+	CO17375	15.62	260 3-	1/0ACSR	681	640	517	246	1070	26	11	0.05	5.89	83
CO17395+	CO17374	15.67	2 1-	4ACSR	0	0	515	245	9	0	0	0.00	5.89	0
CO17461+	CO17374	15.70	2 1-	4ACSR	0	0	513	245	7	0	0	0.00	5.89	0
CO17462+	CO17461	15.89	2 1-	4ACSR	0	0	505	242	7	0	0	0.00	5.89	0
CO17488+	CO17374	15.80	256 3-	1/0ACSR	674	634	512	245	1053	25	11	0.04	5.93	70
CO17489+	CO17488	15.90	255 3-	1/0ACSR	670	630	509	244	1043	25	11	0.02	5.96	37
CO17503+	CO17489	15.98	3 1-	4ACSR	0	0	505	243	11	0	1	0.00	5.96	0
CO17504+	CO17503	16.03	1 1-	4ACSR	0	0	503	242	2	0	0	0.00	5.96	0
CO17433+	CO17489	15.95	252 3-	1/0ACSR	668	629	507	244	1032	25	11	0.01	5.97	17
CO17434+	CO17433	16.14	252 3-	1/0ACSR	661	622	502	242	1032	25	11	0.05	6.01	70
CO17435+	CO17434	16.18	252 3-	1/0ACSR	660	621	500	242	1032	25	11	0.01	6.02	18
CO17376+	CO17435	16.27	23 1-	4ACSR	0	0	497	241	86	6	5	0.01	6.04	0
XFMR51	CO17376	16.27	23 1-	333 KVA 1PH AUT	0	0	600	160	86	6	27	0.37	6.41	0
CO17509	XFMR51	16.27	6 1-	4ACSR	0	0	599	160	24	3	2	0.00	6.41	0
OC536	CO17509	16.27	6 1-	15 N FUSE	0	0	599	160	24	3	23	0.00	6.41	0
CO17510	OC536	16.43	6 1-	4ACSR	0	0	583	158	24	3	2	0.02	6.43	0
CO17496	CO17510	16.59	5 1-	4ACSR	0	0	567	157	12	1	1	0.01	6.44	0
CO17439	CO17496	16.78	4 1-	4ACSR	0	0	549	155	9	1	1	0.01	6.45	0
CO17440	CO17439	17.01	3 1-	4ACSR	0	0	527	153	9	1	1	0.02	6.47	0
CO17441	CO17440	17.63	3 1-	4ACSR	0	0	476	148	9	1	1	0.04	6.51	0
CO17396	CO17441	17.71	1 1-	4ACSR	0	0	470	147	6	0	1	0.00	6.51	0
CO17442	CO17441	17.72	2 1-	4ACSR	0	0	470	147	4	0	0	0.00	6.51	0
CO23838	CO17442	18.06	2 1-	4ACSR	0	0	445	144	4	0	0	0.01	6.52	0
CO17334	CO23838	18.20	2 1-	4ACSR	0	0	436	143	4	0	0	0.00	6.52	0
CO17335	CO17334	18.50	2 1-	4ACSR	0	0	417	141	4	0	0	0.01	6.53	0
CO17336	CO17335	18.54	2 1-	4ACSR	0	0	414	140	4	0	0	0.00	6.53	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1630957548	CO17336	18.57	1 1-	2ACSR	0	0	413	140	2	0	0	0.00	6.53	0
CO17515	XFMR51	16.27	17 1-	4ACSR	0	0	599	160	62	9	7	0.00	6.41	0
OC530	CO17515	16.27	17 1-	35 H OCR	0	0	599	160	62	9	26	0.00	6.41	0
CO17516	OC530	16.37	17 1-	4ACSR	0	0	589	159	62	9	7	0.04	6.45	4
CO17443	CO17516	16.79	17 1-	4ACSR	0	0	548	155	62	9	7	0.18	6.63	19
CO17507	CO17443	16.90	17 1-	4ACSR	0	0	538	154	62	9	7	0.04	6.68	4
CO17508	CO17507	17.12	15 1-	4ACSR	0	0	517	152	56	8	6	0.09	6.76	8
CO17377	CO17508	17.28	13 1-	4ACSR	0	0	505	151	55	8	6	0.06	6.82	5
CO17413	CO17377	17.50	12 1-	4ACSR	0	0	487	149	52	7	6	0.08	6.90	7
CO17414	CO17413	17.53	11 1-	4ACSR	0	0	484	148	48	7	5	0.01	6.91	0
CO17466	CO17414	17.60	10 1-	4ACSR	0	0	479	148	44	6	5	0.02	6.93	0
CO17467	CO17466	17.74	10 1-	4ACSR	0	0	468	147	44	6	5	0.04	6.98	3
CO17468	CO17467	17.78	10 1-	4ACSR	0	0	465	146	44	6	5	0.01	6.99	0
CO30641	CO17468	17.87	7 1-	4ACSR	0	0	458	146	33	4	3	0.02	7.01	0
CO7074	CO30641	17.90	6 1-	4ACSR	0	0	456	145	27	3	3	0.00	7.02	0
CO7073	CO7074	17.91	6 1-	4ACSR	0	0	456	145	27	3	3	0.00	7.02	0
CO8360	CO7073	18.29	5 1-	4ACSR	0	0	430	142	26	3	3	0.06	7.07	0
CO6956	CO8360	18.45	4 1-	4ACSR	0	0	420	141	17	2	2	0.02	7.09	0
CO6957	CO6956	18.56	2 1-	4ACSR	0	0	413	140	13	1	1	0.01	7.10	0
CO6958	CO6957	18.77	2 1-	4ACSR	0	0	401	139	13	1	1	0.01	7.11	0
CO6959	CO6956	18.65	1 1-	4ACSR	0	0	407	139	3	0	0	0.00	7.10	0
CO6960	CO6959	18.73	1 1-	4ACSR	0	0	403	139	3	0	0	0.00	7.10	0
CO6976	CO30641	17.91	1 1-	2ACSR	0	0	456	145	6	0	0	0.00	7.01	0
CO30640	CO17468	17.85	1 1-	4ACSR	0	0	460	146	3	0	0	0.00	6.99	0
CO17408	CO17468	17.84	2 1-	4ACSR	0	0	460	146	9	1	1	0.00	6.99	0
CO17403	CO17413	17.54	1 1-	2ACSR	0	0	484	148	4	0	0	0.00	6.90	0
CO17397	CO17377	17.41	1 1-	4ACSR	0	0	494	149	2	0	0	0.00	6.82	0
CO17463	CO17508	17.25	1 1-	4ACSR	0	0	506	151	0	0	0	0.00	6.76	0
CO17464	CO17463	17.36	1 1-	4ACSR	0	0	498	150	0	0	0	0.00	6.76	0
CO17436+	CO17435	16.39	229 3-	1/0ACSR	652	614	494	241	946	23	10	0.04	6.07	64
CO17437+	CO17436	16.42	229 3-	1/0ACSR	651	613	493	241	945	23	10	0.01	6.08	11
CO17416+	CO17437	16.50	3 1-	4ACSR	0	0	490	240	15	1	1	0.00	6.08	0
CO17417+	CO17416	16.53	1 1-	4ACSR	0	0	489	239	9	0	0	0.00	6.08	0
CO17494+	CO17416	16.58	2 1-	4ACSR	0	0	487	239	6	0	0	0.00	6.08	0
CO17495+	CO17494	16.67	1 1-	4ACSR	0	0	483	238	4	0	0	0.00	6.08	0
CO17438+	CO17437	16.60	226 3-	1/0ACSR	645	607	489	240	930	22	10	0.04	6.11	51
CO17505+	CO17438	16.90	226 3-	1/0ACSR	635	598	480	238	930	22	10	0.06	6.18	90
CO17506+	CO17505	16.94	226 3-	1/0ACSR	634	596	479	237	929	22	10	0.01	6.19	14
CO17465+	CO17506	17.00	1 1-	4ACSR	0	0	477	237	4	0	0	0.00	6.19	0
CO17499+	CO17465	17.07	1 1-	4ACSR	0	0	474	236	4	0	0	0.00	6.19	0
CO17500+	CO17499	17.13	0 1-	4ACSR	0	0	472	235	0	0	0	0.00	6.19	0
CO17490+	CO17506	17.04	225 3-	1/0ACSR	630	593	477	237	925	22	10	0.02	6.21	28
CO17491+	CO17490	17.06	223 3-	1/0ACSR	630	593	476	237	914	22	10	0.00	6.21	6
CO17418+	CO17491	17.09	3 1-	4ACSR	0	0	475	236	68	5	4	0.00	6.22	0
CO17398+	CO17418	17.12	2 1-	4ACSR	0	0	474	236	13	0	1	0.00	6.22	0
CO17419+	CO17418	17.13	1 1-	4ACSR	0	0	473	236	55	4	3	0.00	6.22	0
CO17399+	CO17491	17.10	1 1-	4ACSR	0	0	474	236	3	0	0	0.00	6.21	0
CO17521+	CO17491	17.06	218 3-	1/0ACSR	629	593	476	237	843	20	9	0.00	6.21	0
OC964+	CO17521	17.06	218 3-	50 E OCR	629	593	476	237	843	20	42	0.00	6.21	0
CO17522+	OC964	17.14	218 3-	1/0ACSR	627	590	474	236	843	20	9	0.01	6.23	18
CO17404+	CO17522	17.18	1 1-	4ACSR	0	0	472	236	2	0	0	0.00	6.23	0
CO17469+	CO17522	17.32	215 3-	1/0ACSR	621	585	469	235	840	20	9	0.03	6.26	44

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17470+	CO17469	17.71	215 3-	1/0ACSR	609	573	459	233	839	20	9	0.08	6.34	97
CO30639+	CO17470	17.81	215 3-	1/0ACSR	606	571	457	232	839	20	9	0.02	6.36	25
CO6979+	CO30639	17.86	215 3-	1/0ACSR	605	569	456	232	839	20	9	0.01	6.37	10
CO6970+	CO6979	18.06	2 1-	4ACSR	0	0	449	230	6	0	0	0.00	6.37	0
CO6980+	CO6979	17.93	213 3-	1/0ACSR	602	567	454	232	833	20	9	0.01	6.38	19
CO6981+	CO6980	18.04	213 3-	1/0ACSR	599	564	451	231	833	20	9	0.02	6.40	27
CO6982+	CO6981	18.18	213 3-	1/0ACSR	595	560	448	230	833	20	9	0.03	6.43	34
CO6983+	CO6982	18.26	212 3-	1/0ACSR	592	558	446	230	832	20	9	0.02	6.44	19
CO6984+	CO6983	18.35	211 3-	1/0ACSR	590	556	444	229	826	20	9	0.02	6.46	20
CO6985+	CO6984	18.37	210 3-	1/0ACSR	589	555	444	229	825	20	9	0.00	6.46	4
CO17295+	CO6985	18.48	202 3-	1/0ACSR	586	552	441	228	803	19	9	0.02	6.49	26
CO6989+	CO17295	18.51	201 3-	1/0ACSR	585	552	441	228	639	15	7	0.00	6.49	4
CO6990+	CO6989	18.53	201 3-	1/0ACSR	585	551	440	228	639	15	7	0.00	6.49	3
CO7052+	CO6990	18.59	201 2-	2ACSR	0	549	439	228	639	23	13	0.02	6.51	21
CO7051+	CO7052	18.63	0 1-	2ACSR	0	0	438	227	0	0	0	0.00	6.51	0
CO7053+	CO7052	18.65	199 2-	2ACSR	0	547	437	227	639	23	13	0.02	6.54	23
CO7050+	CO7053	18.77	199 2-	2ACSR	0	543	434	226	639	23	13	0.04	6.58	46
CO6977+	CO7050	18.84	1 2-	2ACSR	0	541	432	226	15	0	0	0.00	6.58	0
CO6963+	CO7050	19.03	198 1-	2ACSR	0	0	427	224	623	46	26	0.20	6.78	196
CO7002+	CO6963	19.07	7 1-	4ACSR	0	0	426	224	24	1	1	0.00	6.78	0
CO7003+	CO7002	19.22	6 1-	4ACSR	0	0	421	223	18	1	1	0.01	6.79	0
CO7001+	CO7003	19.29	6 1-	4ACSR	0	0	419	222	18	1	1	0.00	6.79	0
CO7000+	CO7001	19.41	6 1-	4ACSR	0	0	415	221	18	1	1	0.00	6.79	0
CO6999+	CO7000	19.52	5 1-	4ACSR	0	0	412	220	14	1	1	0.00	6.80	0
CO6998+	CO6999	19.59	4 1-	4ACSR	0	0	410	219	12	0	1	0.00	6.80	0
CO6997+	CO6998	19.65	4 1-	4ACSR	0	0	408	218	12	0	1	0.00	6.80	0
CO6996+	CO6997	19.82	3 1-	4ACSR	0	0	403	217	5	0	0	0.00	6.80	0
CO6995+	CO6996	19.87	2 1-	4ACSR	0	0	401	216	2	0	0	0.00	6.80	0
CO6994+	CO6995	19.93	2 1-	4ACSR	0	0	400	216	2	0	0	0.00	6.80	0
CO6993+	CO6994	19.99	2 1-	4ACSR	0	0	398	215	2	0	0	0.00	6.80	0
CO6992+	CO6993	20.02	2 1-	4ACSR	0	0	397	215	2	0	0	0.00	6.80	0
CO6991+	CO6992	20.06	1 1-	4ACSR	0	0	396	215	2	0	0	0.00	6.80	0
CO7004+	CO6963	19.07	191 1-	2ACSR	0	0	426	224	598	44	25	0.03	6.81	23
CO7005+	CO7004	19.34	190 1-	2ACSR	0	0	419	222	595	44	25	0.20	7.01	190
CO7006+	CO7005	19.41	189 1-	2ACSR	0	0	418	222	590	43	24	0.05	7.06	44
CO7009+	CO7006	19.48	8 1-	2ACSR	0	0	416	221	48	3	2	0.00	7.06	0
CO7010+	CO7009	19.60	8 1-	2ACSR	0	0	413	220	48	3	2	0.01	7.07	0
CO7048+	CO7010	19.68	7 1-	2ACSR	0	0	411	220	43	3	2	0.00	7.07	0
CO7049+	CO7048	19.73	5 1-	2ACSR	0	0	410	219	39	2	2	0.00	7.08	0
CO7014+	CO7049	19.76	4 1-	2ACSR	0	0	409	219	28	2	1	0.00	7.08	0
CO7017+	CO7014	19.82	2 1-	4ACSR	0	0	407	219	21	1	1	0.00	7.08	0
CO7018+	CO7017	19.86	1 1-	4ACSR	0	0	406	218	5	0	0	0.00	7.08	0
CO7015+	CO7014	19.84	1 1-	4ACSR	0	0	407	218	3	0	0	0.00	7.08	0
CO7016+	CO7015	19.87	0 1-	4ACSR	0	0	406	218	0	0	0	0.00	7.08	0
CO6972+	CO7014	19.79	1 1-	4ACSR	0	0	408	219	4	0	0	0.00	7.08	0
CO7012+	CO7010	19.64	1 1-	4ACSR	0	0	412	220	4	0	0	0.00	7.07	0
CO7013+	CO7012	19.68	1 1-	4ACSR	0	0	411	220	4	0	0	0.00	7.07	0
CO7011+	CO7013	19.71	1 1-	4ACSR	0	0	409	219	4	0	0	0.00	7.07	0
CO7007+	CO7006	19.43	181 1-	2ACSR	0	0	417	222	542	40	22	0.02	7.07	13
CO7008+	CO7007	19.47	181 1-	2ACSR	0	0	416	221	542	40	22	0.03	7.10	22
CO7046+	CO7008	19.52	180 1-	2ACSR	0	0	415	221	542	40	22	0.03	7.13	27
CO7047+	CO7046	19.56	179 1-	2ACSR	0	0	414	221	540	40	22	0.03	7.16	28

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7075+	CO7047	19.57	172 1-	2ACSR	0	0	414	221	520	38	22	0.00	7.17	4
OC192+	CO7075	19.57	172 1-	35 E OCR	0	0	414	221	520	38	111	0.00	7.17	0
CO7076+	OC192	19.67	172 1-	2ACSR	0	0	411	220	520	38	22	0.06	7.23	51
CO6962+	CO7076	19.81	169 1-	2ACSR	0	0	408	219	503	37	21	0.09	7.32	70
CO6975+	CO6962	19.89	1 1-	4ACSR	0	0	406	218	13	1	1	0.00	7.32	0
CO7032+	CO6962	19.90	168 1-	2ACSR	0	0	406	218	489	36	20	0.06	7.38	45
CO7033+	CO7032	19.95	168 1-	2ACSR	0	0	405	218	489	36	20	0.03	7.40	20
CO7031+	CO7033	20.07	168 1-	2ACSR	0	0	402	217	489	36	20	0.08	7.48	61
CO6973+	CO7031	20.19	2 1-	4ACSR	0	0	399	216	2	0	0	0.00	7.48	0
CO7027+	CO7031	20.19	162 1-	2ACSR	0	0	399	216	479	35	20	0.07	7.55	51
CO7028+	CO7027	20.44	162 1-	2ACSR	0	0	393	215	478	35	20	0.15	7.70	116
CO7077+	CO7028	20.60	160 1-	2ACSR	0	0	390	214	475	35	20	0.09	7.80	70
CO1350600304+	CO7077	20.76	1 1-	2ACSR	0	0	387	212	4	0	0	0.00	7.80	0
CO7023+	CO7077	20.64	157 1-	2ACSR	0	0	389	213	471	35	20	0.02	7.82	17
CO7024+	CO7023	20.67	156 1-	2ACSR	0	0	388	213	468	35	19	0.02	7.84	16
CO7022+	CO7024	20.78	154 1-	2ACSR	0	0	386	212	465	34	19	0.06	7.90	47
CO7021+	CO7022	20.81	153 1-	2ACSR	0	0	386	212	462	34	19	0.01	7.92	10
CO7020+	CO7021	20.97	151 1-	2ACSR	0	0	382	211	456	34	19	0.09	8.01	66
CO6969+	CO7020	21.06	2 1-	4ACSR	0	0	380	210	4	0	0	0.00	8.01	0
CO7019+	CO7020	21.00	149 1-	2ACSR	0	0	382	211	452	33	19	0.02	8.03	13
CO8356+	CO7019	21.17	149 1-	2ACSR	0	0	378	210	452	33	19	0.10	8.13	71
CO6861+	CO8356	21.35	145 1-	2ACSR	0	0	374	209	434	32	18	0.10	8.22	66
CO6883+	CO6861	21.42	2 1-	4ACSR	0	0	373	208	12	0	1	0.00	8.23	0
CO6884+	CO6883	21.47	1 1-	4ACSR	0	0	372	208	5	0	0	0.00	8.23	0
CO6885+	CO6861	21.68	141 1-	2ACSR	0	0	368	207	415	31	17	0.17	8.40	114
CO6886+	CO6885	21.84	141 1-	2ACSR	0	0	365	206	415	31	17	0.08	8.48	54
CO6869+	CO6886	21.92	2 1-	4ACSR	0	0	363	205	4	0	0	0.00	8.48	0
CO6887+	CO6886	22.11	139 1-	2ACSR	0	0	360	204	410	30	17	0.14	8.62	90
CO6888+	CO6887	22.16	139 1-	2ACSR	0	0	359	204	410	30	17	0.03	8.65	18
CO6862+	CO6888	22.24	125 1-	2ACSR	0	0	357	203	373	28	16	0.04	8.68	23
CO6863+	CO6862	22.33	123 1-	2ACSR	0	0	356	203	357	26	15	0.04	8.72	22
CO6871+	CO6863	22.38	2 1-	4ACSR	0	0	355	202	1	0	0	0.00	8.72	0
CO6864+	CO6863	22.36	117 1-	2ACSR	0	0	355	202	344	25	14	0.02	8.74	8
CO6872+	CO6864	22.40	1 1-	4ACSR	0	0	354	202	2	0	0	0.00	8.74	0
CO6921+	CO6864	22.42	115 1-	2ACSR	0	0	354	202	339	25	14	0.02	8.76	12
CO6922+	CO6921	22.52	114 1-	2ACSR	0	0	352	201	332	25	14	0.05	8.81	24
CO6952+	CO6922	22.66	8 1-	4ACSR	0	0	349	200	30	2	2	0.01	8.81	0
CO6923+	CO6952	22.73	1 1-	2ACSR	0	0	348	200	1	0	0	0.00	8.81	0
CO6924+	CO6923	22.79	1 1-	2ACSR	0	0	347	200	1	0	0	0.00	8.81	0
CO6953+	CO6952	22.78	5 1-	4ACSR	0	0	347	199	17	1	1	0.00	8.82	0
CO6873+	CO6953	22.85	1 1-	4ACSR	0	0	345	199	3	0	0	0.00	8.82	0
CO6881+	CO6953	22.85	1 1-	2ACSR	0	0	346	199	7	0	0	0.00	8.82	0
CO6925+	CO6953	23.00	3 1-	4ACSR	0	0	342	198	7	0	0	0.00	8.82	0
CO6926+	CO6925	23.06	2 1-	4ACSR	0	0	341	197	2	0	0	0.00	8.82	0
CO6874+	CO6926	23.09	1 1-	4ACSR	0	0	340	197	2	0	0	0.00	8.82	0
CO6927+	CO6926	23.23	1 1-	4ACSR	0	0	337	196	0	0	0	0.00	8.82	0
CO8357+	CO6927	23.80	0 1-	4ACSR	0	0	326	192	0	0	0	0.00	8.82	0
CO7087+	CO8357	23.94	0 1-	4ACSR	0	0	323	191	0	0	0	0.00	8.82	0
CO6865+	CO6922	22.77	106 1-	2ACSR	0	0	348	200	302	22	13	0.09	8.90	46
CO6954+	CO6865	22.95	104 1-	2ACSR	0	0	345	199	292	22	12	0.06	8.97	30
CO6955+	CO6954	23.05	101 1-	2ACSR	0	0	343	198	285	21	12	0.04	9.00	17
CO6928+	CO6955	23.09	101 1-	2ACSR	0	0	343	198	285	21	12	0.01	9.02	6

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6866+	CO6928	23.25	98 1-	2ACSR	0	0	340	197	276	20	12	0.06	9.07	25
CO6933+	CO6866	23.29	3 1-	4ACSR	0	0	339	197	5	0	0	0.00	9.07	0
CO6934+	CO6933	23.34	2 1-	4ACSR	0	0	338	197	2	0	0	0.00	9.07	0
CO6877+	CO6866	23.31	0 1-	4ACSR	0	0	338	197	0	0	0	0.00	9.07	0
CO6937+	CO6866	23.49	95 1-	2ACSR	0	0	336	196	270	20	11	0.08	9.15	35
CO6938+	CO6937	23.55	94 1-	2ACSR	0	0	335	196	260	19	11	0.02	9.17	9
CO6939+	CO6938	23.57	94 1-	2ACSR	0	0	335	195	260	19	11	0.01	9.18	3
CO6867+	CO6939	23.68	91 1-	2ACSR	0	0	333	195	254	19	11	0.04	9.22	14
CO8275+	CO6867	23.80	89 1-	2ACSR	0	0	331	194	238	18	10	0.03	9.25	13
CO8277+	CO8275	23.89	3 1-	2ACSR	0	0	330	194	5	0	0	0.00	9.25	0
CO6945+	CO8277	23.92	3 1-	2ACSR	0	0	329	194	5	0	0	0.00	9.25	0
CO6946+	CO6945	23.94	1 1-	2ACSR	0	0	329	193	0	0	0	0.00	9.25	0
CO6947+	CO6946	24.09	1 1-	2ACSR	0	0	326	193	0	0	0	0.00	9.25	0
CO6948+	CO6947	24.23	1 1-	2ACSR	0	0	324	192	0	0	0	0.00	9.25	0
CO6949+	CO6948	24.30	1 1-	2ACSR	0	0	323	191	0	0	0	0.00	9.25	0
CO6950+	CO6949	24.40	1 1-	2ACSR	0	0	322	191	0	0	0	0.00	9.25	0
CO6951+	CO6950	24.49	1 1-	2ACSR	0	0	320	190	0	0	0	0.00	9.25	0
CO8359+	CO6951	24.58	1 1-	2ACSR	0	0	319	190	0	0	0	0.00	9.25	0
CO7098+	CO8359	24.67	1 1-	2ACSR	0	0	318	190	0	0	0	0.00	9.25	0
CO7099+	CO7098	24.73	1 1-	2ACSR	0	0	317	189	0	0	0	0.00	9.25	0
CO6944+	CO6945	24.05	1 1-	2ACSR	0	0	327	193	1	0	0	0.00	9.25	0
CO4090+	CO8275	23.86	86 1-	2ACSR	0	0	330	194	233	17	10	0.02	9.27	7
CO4097+	CO4090	23.93	84 1-	2ACSR	0	0	329	193	229	17	10	0.02	9.29	8
CO4096+	CO4097	24.00	1 1-	2ACSR	0	0	328	193	2	0	0	0.00	9.29	0
CO4099+	CO4097	23.99	83 1-	2ACSR	0	0	328	193	228	17	10	0.01	9.31	5
CO4098+	CO4099	24.11	83 1-	2ACSR	0	0	326	193	228	17	10	0.04	9.34	13
CO1951844809+	CO4098	24.22	1 1-	2ACSR	0	0	324	192	8	0	0	0.00	9.34	0
CO1711662215+	CO1951844809	24.26	0 1-	2ACSR	0	0	324	192	0	0	0	0.00	9.34	0
CO-1423191480+	CO1951844809	24.25	1 1-	2ACSR	0	0	324	192	8	0	0	0.00	9.34	0
CO1108135494+	CO-1423191480	24.30	1 1-	2ACSR	0	0	323	191	8	0	0	0.00	9.34	0
CO4091+	CO4098	24.26	81 1-	2ACSR	0	0	324	192	217	16	9	0.04	9.39	15
CO344960639+	CO4091	24.37	80 1-	2ACSR	0	0	322	191	217	16	9	0.03	9.41	10
CO8276+	CO344960639	24.65	79 1-	2ACSR	0	0	318	190	217	16	9	0.08	9.49	27
CO4663+	CO8276	24.69	2 1-	4ACSR	0	0	317	189	16	1	1	0.00	9.49	0
CO4662+	CO4663	24.73	1 1-	4ACSR	0	0	317	189	6	0	0	0.00	9.49	0
CO4606+	CO8276	24.71	75 1-	2ACSR	0	0	317	189	198	15	8	0.01	9.51	5
CO4679+	CO4606	24.72	25 1-	2ACSR	0	0	317	189	69	5	3	0.00	9.51	0
OC129+	CO4679	24.72	25 1-	25 E OCR	0	0	317	189	69	5	21	0.00	9.51	0
CO4680+	OC129	24.90	25 1-	2ACSR	0	0	314	188	69	5	3	0.02	9.52	0
CO4637+	CO4680	24.97	24 1-	2ACSR	0	0	313	188	64	4	3	0.01	9.53	0
CO4622+	CO4637	25.05	1 1-	4ACSR	0	0	312	187	10	0	1	0.00	9.53	0
CO4621+	CO4637	25.09	1 1-	4ACSR	0	0	311	187	2	0	0	0.00	9.53	0
CO-664045628+	CO4621	25.19	0 1-	2ACSR	0	0	310	187	0	0	0	0.00	9.53	0
CO4607+	CO4637	25.09	22 1-	2ACSR	0	0	312	187	52	3	2	0.01	9.54	0
CO4608+	CO4607	25.47	20 1-	2ACSR	0	0	307	185	49	3	2	0.02	9.56	0
CO4624+	CO4608	25.55	0 1-	4ACSR	0	0	305	185	0	0	0	0.00	9.56	0
CO4609+	CO4608	25.57	20 1-	2ACSR	0	0	305	185	48	3	2	0.01	9.57	0
CO4638+	CO4609	25.70	17 1-	2ACSR	0	0	303	184	43	3	2	0.01	9.57	0
CO1677546749+	CO4638	25.72	15 1-	2ACSR	0	0	303	184	31	2	1	0.00	9.57	0
CO25427673+	CO1677546749	25.84	14 1-	2ACSR	0	0	302	184	29	2	1	0.00	9.58	0
CO4610+	CO25427673	26.07	13 1-	2ACSR	0	0	299	182	26	2	1	0.01	9.58	0
CO4611+	CO4610	26.23	12 1-	2ACSR	0	0	297	182	23	1	1	0.00	9.59	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4668+	CO4611	26.27	3 1-	4ACSR	0	0	296	181	3	0	0	0.00	9.59	0
CO4627+	CO4668	26.38	1 1-	4ACSR	0	0	294	181	0	0	0	0.00	9.59	0
CO4667+	CO4668	26.34	2 1-	4ACSR	0	0	295	181	3	0	0	0.00	9.59	0
CO4681+	CO4611	26.27	9 1-	2ACSR	0	0	296	181	20	1	1	0.00	9.59	0
CO4645+	CO4681	26.29	7 1-	2ACSR	0	0	296	181	20	1	1	0.00	9.59	0
CO4644+	CO4645	26.47	7 1-	2ACSR	0	0	293	181	20	1	1	0.00	9.59	0
CO4643+	CO4644	26.60	7 1-	2ACSR	0	0	292	180	20	1	1	0.00	9.60	0
CO4642+	CO4643	26.74	4 1-	2ACSR	0	0	290	179	14	1	1	0.00	9.60	0
CO4635+	CO4642	26.81	1 1-	2ACSR	0	0	289	179	6	0	0	0.00	9.60	0
CO4641+	CO4642	26.80	3 1-	2ACSR	0	0	289	179	8	0	0	0.00	9.60	0
CO4646+	CO4641	26.86	3 1-	2ACSR	0	0	289	179	8	0	0	0.00	9.60	0
CO4682+	CO4646	27.06	2 1-	2ACSR	0	0	286	178	7	0	0	0.00	9.60	0
CO4640+	CO4682	27.13	2 1-	2ACSR	0	0	285	177	7	0	0	0.00	9.60	0
CO4605+	CO4640	27.25	1 1-	2ACSR	0	0	284	177	6	0	0	0.00	9.60	0
CO4619+	CO4605	27.44	0 1-	4ACSR	0	0	281	176	0	0	0	0.00	9.60	0
CO4618+	CO4605	27.38	1 1-	4ACSR	0	0	282	176	6	0	0	0.00	9.61	0
CO4617+	CO4640	27.18	1 1-	4ACSR	0	0	285	177	0	0	0	0.00	9.60	0
CO4616+	CO4640	27.20	0 1-	4ACSR	0	0	284	177	0	0	0	0.00	9.60	0
CO4626+	CO4610	26.14	1 1-	4ACSR	0	0	297	182	4	0	0	0.00	9.58	0
CO4634+	CO25427673	25.91	1 1-	2ACSR	0	0	301	183	3	0	0	0.00	9.58	0
CO-1977394664+	CO1677546749	25.80	1 1-	2ACSR	0	0	302	184	1	0	0	0.00	9.57	0
CO4625+	CO4609	25.67	3 1-	4ACSR	0	0	303	184	5	0	0	0.00	9.57	0
CO4664+	CO4607	25.18	2 1-	4ACSR	0	0	310	187	4	0	0	0.00	9.54	0
CO4623+	CO4664	25.21	1 1-	4ACSR	0	0	310	187	3	0	0	0.00	9.54	0
CO4665+	CO4664	25.20	1 1-	4ACSR	0	0	310	187	1	0	0	0.00	9.54	0
CO4666+	CO4665	25.25	1 1-	4ACSR	0	0	309	186	1	0	0	0.00	9.54	0
CO4612+	CO4606	24.82	49 1-	2ACSR	0	0	316	189	127	9	5	0.02	9.52	4
CO4613+	CO4612	24.86	48 1-	2ACSR	0	0	315	189	127	9	5	0.01	9.53	0
CO17293+	CO4613	24.87	47 1-	2ACSR	0	0	315	188	125	9	5	0.00	9.53	0
OC131+	CO17293	24.87	47 1-	25 H OCR	0	0	315	188	125	9	38	0.00	9.53	0
CO17294+	OC131	24.87	47 1-	2ACSR	0	0	315	188	125	9	5	0.00	9.53	0
CO4632+	CO17294	24.92	0 1-	2ACSR	0	0	314	188	0	0	0	0.00	9.53	0
CO4647+	CO17294	25.07	47 1-	2ACSR	0	0	312	187	125	9	5	0.03	9.56	6
CO4614+	CO4647	25.17	45 1-	2ACSR	0	0	311	187	122	9	5	0.01	9.58	3
CO4648+	CO4614	25.28	42 1-	2ACSR	0	0	309	186	119	9	5	0.02	9.60	3
CO4649+	CO4648	25.68	41 1-	2ACSR	0	0	304	184	119	9	5	0.06	9.66	11
CO4629+	CO4649	25.75	0 1-	4ACSR	0	0	302	184	0	0	0	0.00	9.66	0
CO4615+	CO4649	25.87	41 1-	2ACSR	0	0	301	183	119	9	5	0.03	9.68	5
CO4661+	CO4615	25.92	5 1-	4ACSR	0	0	300	183	14	1	1	0.00	9.69	0
CO4660+	CO4661	25.99	5 1-	4ACSR	0	0	299	183	14	1	1	0.00	9.69	0
CO4631+	CO4660	26.06	1 1-	4ACSR	0	0	298	182	8	0	0	0.00	9.69	0
CO4657+	CO4660	26.13	3 1-	4ACSR	0	0	297	182	6	0	0	0.00	9.69	0
CO4658+	CO4657	26.37	3 1-	4ACSR	0	0	293	180	6	0	0	0.00	9.69	0
CO4656+	CO4658	26.54	3 1-	4ACSR	0	0	290	179	6	0	0	0.00	9.69	0
CO4659+	CO4656	26.62	1 1-	4ACSR	0	0	289	179	0	0	0	0.00	9.69	0
CO4650+	CO4615	26.06	36 1-	2ACSR	0	0	299	183	105	7	4	0.03	9.71	4
CO4652+	CO4650	26.09	36 1-	2ACSR	0	0	298	182	105	7	4	0.00	9.71	0
CO4651+	CO4652	26.17	34 1-	2ACSR	0	0	297	182	101	7	4	0.01	9.72	0
CO4633+	CO4651	26.23	1 1-	2ACSR	0	0	297	182	3	0	0	0.00	9.72	0
CO4630+	CO4651	26.23	1 1-	4ACSR	0	0	296	182	3	0	0	0.00	9.72	0
CO4654+	CO4651	26.24	32 1-	2ACSR	0	0	296	182	94	7	4	0.01	9.73	0
CO4653+	CO4654	26.32	30 1-	2ACSR	0	0	295	181	89	6	4	0.01	9.74	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4655+	CO4653	26.45	29 1-	2ACSR	0	0	294	181	84	6	4	0.01	9.76	0
CO4678+	CO4655	26.48	25 1-	2ACSR	0	0	293	180	74	5	3	0.00	9.76	0
CO4636+	CO4678	26.54	0 1-	4ACSR	0	0	292	180	0	0	0	0.00	9.76	0
CO4677+	CO4678	26.51	22 1-	2ACSR	0	0	293	180	70	5	3	0.00	9.76	0
CO8297+	CO4677	26.58	22 1-	2ACSR	0	0	292	180	70	5	3	0.01	9.77	0
CO4448+	CO8297	26.81	21 1-	2ACSR	0	0	289	179	65	4	3	0.02	9.79	0
CO4454+	CO4448	27.04	20 1-	2ACSR	0	0	287	178	56	4	2	0.02	9.80	0
CO4453+	CO4454	27.17	20 1-	2ACSR	0	0	285	177	56	4	2	0.01	9.81	0
CO4457+	CO4453	27.28	20 1-	2ACSR	0	0	284	177	56	4	2	0.01	9.82	0
CO4456+	CO4457	27.43	19 1-	2ACSR	0	0	282	176	50	3	2	0.01	9.83	0
CO4455+	CO4456	27.57	19 1-	2ACSR	0	0	280	175	50	3	2	0.01	9.84	0
CO4449+	CO4455	27.69	16 1-	2ACSR	0	0	279	175	43	3	2	0.01	9.84	0
CO4477+	CO4449	27.75	5 1-	4ACSR	0	0	278	174	7	0	0	0.00	9.84	0
CO4474+	CO4477	28.02	3 1-	4ACSR	0	0	274	173	2	0	0	0.00	9.84	0
CO4473+	CO4474	28.08	3 1-	4ACSR	0	0	273	173	2	0	0	0.00	9.84	0
CO4475+	CO4473	28.31	3 1-	4ACSR	0	0	270	171	2	0	0	0.00	9.85	0
CO4472+	CO4475	28.49	3 1-	4ACSR	0	0	268	170	2	0	0	0.00	9.85	0
CO4476+	CO4472	28.60	3 1-	4ACSR	0	0	266	169	2	0	0	0.00	9.85	0
CO4471+	CO4476	28.79	3 1-	4ACSR	0	0	264	168	2	0	0	0.00	9.85	0
CO735231490+	CO4471	28.84	2 1-	2ACSR	0	0	263	168	2	0	0	0.00	9.85	0
CO1582109401+	CO735231490	28.89	2 1-	2ACSR	0	0	263	168	2	0	0	0.00	9.85	0
CO1218311303+	CO1582109401	28.93	2 1-	2ACSR	0	0	262	168	2	0	0	0.00	9.85	0
CO774483729+	CO1218311303	29.01	2 1-	2ACSR	0	0	262	167	2	0	0	0.00	9.85	0
CO-598581871+	CO774483729	29.07	2 1-	2ACSR	0	0	261	167	2	0	0	0.00	9.85	0
CO-181173076+	CO-598581871	29.14	2 1-	2ACSR	0	0	260	167	2	0	0	0.00	9.85	0
CO-2145827289+	CO-181173076	29.22	2 1-	2ACSR	0	0	260	167	2	0	0	0.00	9.85	0
CO4467+	CO4449	27.78	2 1-	4ACSR	0	0	278	174	13	0	1	0.00	9.84	0
CO4468+	CO4467	27.84	1 1-	4ACSR	0	0	277	174	6	0	0	0.00	9.85	0
CO4470+	CO4468	27.98	1 1-	4ACSR	0	0	275	173	6	0	0	0.00	9.85	0
CO4469+	CO4470	28.10	0 1-	4ACSR	0	0	273	172	0	0	0	0.00	9.85	0
CO4462+	CO4449	27.77	9 1-	2ACSR	0	0	278	174	23	1	1	0.00	9.85	0
CO4461+	CO4462	28.02	9 1-	2ACSR	0	0	275	173	23	1	1	0.01	9.85	0
CO4463+	CO4461	28.09	7 1-	2ACSR	0	0	274	173	17	1	1	0.00	9.85	0
CO4464+	CO4463	28.16	7 1-	2ACSR	0	0	274	173	17	1	1	0.00	9.85	0
CO4460+	CO4464	28.21	7 1-	2ACSR	0	0	273	173	17	1	1	0.00	9.86	0
CO1941504160+	CO4460	28.24	1 1-	2ACSR	0	0	273	172	4	0	0	0.00	9.86	0
CO4459+	CO4460	28.39	5 1-	2ACSR	0	0	271	172	9	0	0	0.00	9.86	0
CO4465+	CO4459	28.46	3 1-	2ACSR	0	0	271	172	6	0	0	0.00	9.86	0
CO4466+	CO4465	28.51	3 1-	2ACSR	0	0	270	171	6	0	0	0.00	9.86	0
CO4458+	CO4466	28.63	1 1-	2ACSR	0	0	269	171	2	0	0	0.00	9.86	0
CO4452+	CO4455	27.76	1 1-	4ACSR	0	0	278	174	1	0	0	0.00	9.84	0
CO4451+	CO4448	26.89	1 1-	4ACSR	0	0	288	178	9	0	0	0.00	9.79	0
CO4450+	CO8297	26.67	1 1-	4ACSR	0	0	291	179	4	0	0	0.00	9.77	0
CO4673+	CO4655	26.57	4 1-	4ACSR	0	0	292	180	10	0	1	0.00	9.76	0
CO4674+	CO4673	26.66	1 1-	4ACSR	0	0	290	179	7	0	0	0.00	9.76	0
CO4676+	CO4673	26.64	3 1-	4ACSR	0	0	291	179	3	0	0	0.00	9.76	0
CO4675+	CO4676	26.69	1 1-	4ACSR	0	0	290	179	2	0	0	0.00	9.76	0
CO4628+	CO4614	25.19	0 1-	4ACSR	0	0	310	187	0	0	0	0.00	9.58	0
CO8278+	CO4614	25.33	3 1-	4ACSR	0	0	308	186	3	0	0	0.00	9.58	0
CO4100+	CO8278	25.50	1 1-	4ACSR	0	0	305	185	0	0	0	0.00	9.58	0
CO4102+	CO4100	25.62	1 1-	4ACSR	0	0	303	184	0	0	0	0.00	9.58	0
CO4101+	CO4102	25.66	1 1-	4ACSR	0	0	302	184	0	0	0	0.00	9.58	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4095+	CO4100	25.57	0 1-	4ACSR	0	0	304	184	0	0	0	0.00	9.58	0
CO4672+	CO4647	25.12	2 1-	4ACSR	0	0	311	187	3	0	0	0.00	9.56	0
CO4671+	CO4672	25.23	1 1-	4ACSR	0	0	309	186	0	0	0	0.00	9.56	0
CO4670+	CO4612	24.88	0 1-	4ACSR	0	0	314	188	0	0	0	0.00	9.52	0
CO4620+	CO4606	24.78	1 1-	4ACSR	0	0	316	189	2	0	0	0.00	9.51	0
CO4094+	CO344960639	24.58	1 1-	4ACSR	0	0	318	190	0	0	0	0.00	9.41	0
CO-1685807115+	CO4091	24.31	1 1-	2ACSR	0	0	323	191	0	0	0	0.00	9.39	0
CO4092+	CO4090	24.03	2 1-	4ACSR	0	0	327	193	4	0	0	0.00	9.27	0
CO6942+	CO6867	23.73	2 1-	4ACSR	0	0	332	194	16	1	1	0.00	9.22	0
CO6943+	CO6942	23.79	1 1-	4ACSR	0	0	331	194	7	0	0	0.00	9.22	0
CO6940+	CO6939	23.61	1 1-	4ACSR	0	0	334	195	2	0	0	0.00	9.18	0
CO6941+	CO6940	23.69	0 1-	4ACSR	0	0	332	195	0	0	0	0.00	9.18	0
CO6935+	CO6937	23.54	1 1-	2ACSR	0	0	335	196	10	0	0	0.00	9.15	0
CO6936+	CO6935	23.61	1 1-	2ACSR	0	0	334	195	10	0	0	0.00	9.15	0
CO6929+	CO6928	23.11	3 1-	4ACSR	0	0	342	198	10	0	1	0.00	9.02	0
CO6930+	CO6929	23.14	2 1-	4ACSR	0	0	341	198	9	0	1	0.00	9.02	0
CO6931+	CO6930	23.45	1 1-	4ACSR	0	0	335	195	5	0	0	0.00	9.02	0
CO6932+	CO6931	23.75	1 1-	4ACSR	0	0	329	193	5	0	0	0.00	9.02	0
CO8358+	CO6932	24.58	1 1-	4ACSR	0	0	313	187	5	0	0	0.01	9.03	0
CO7097+	CO8358	24.68	1 1-	4ACSR	0	0	312	186	5	0	0	0.00	9.03	0
CO7096+	CO7097	24.73	1 1-	4ACSR	0	0	311	186	5	0	0	0.00	9.03	0
CO7095+	CO7096	24.79	1 1-	4ACSR	0	0	310	186	5	0	0	0.00	9.03	0
CO7094+	CO7095	24.92	1 1-	4ACSR	0	0	307	185	5	0	0	0.00	9.03	0
CO7093+	CO7094	24.97	1 1-	4ACSR	0	0	306	184	5	0	0	0.00	9.03	0
CO7092+	CO7093	25.09	1 1-	4ACSR	0	0	304	184	5	0	0	0.00	9.03	0
CO7091+	CO7092	25.31	1 1-	4ACSR	0	0	301	182	5	0	0	0.00	9.04	0
CO7090+	CO7091	25.41	1 1-	4ACSR	0	0	299	182	5	0	0	0.00	9.04	0
CO7089+	CO7090	25.58	1 1-	4ACSR	0	0	296	180	5	0	0	0.00	9.04	0
CO7088+	CO7089	25.65	1 1-	4ACSR	0	0	295	180	5	0	0	0.00	9.04	0
CO6882+	CO6954	23.03	1 1-	2ACSR	0	0	344	199	5	0	0	0.00	8.97	0
CO6876+	CO6865	22.83	1 1-	4ACSR	0	0	347	200	0	0	0	0.00	8.90	0
CO6875+	CO6865	22.83	1 1-	4ACSR	0	0	347	200	9	0	0	0.00	8.90	0
CO6919+	CO6863	22.42	4 1-	4ACSR	0	0	354	202	12	0	1	0.00	8.72	0
CO6920+	CO6919	22.46	1 1-	4ACSR	0	0	353	202	9	0	0	0.00	8.72	0
CO6916+	CO6862	22.37	2 1-	4ACSR	0	0	355	202	16	1	1	0.00	8.69	0
CO6917+	CO6916	22.43	1 1-	4ACSR	0	0	353	202	10	0	1	0.00	8.69	0
CO6918+	CO6917	22.73	1 1-	4ACSR	0	0	346	199	10	0	1	0.00	8.69	0
CO6889+	CO6888	22.31	14 1-	4ACSR	0	0	355	202	37	2	2	0.01	8.66	0
CO6890+	CO6889	22.39	14 1-	4ACSR	0	0	354	202	37	2	2	0.00	8.66	0
CO6896+	CO6890	22.52	14 1-	4ACSR	0	0	351	201	37	2	2	0.01	8.67	0
CO6897+	CO6896	22.92	14 1-	4ACSR	0	0	342	198	37	2	2	0.03	8.70	0
CO6898+	CO6897	23.31	14 1-	4ACSR	0	0	334	195	37	2	2	0.03	8.72	0
CO6899+	CO6898	23.45	14 1-	4ACSR	0	0	331	194	37	2	2	0.01	8.73	0
CO6900+	CO6899	23.52	14 1-	4ACSR	0	0	330	193	37	2	2	0.00	8.73	0
CO6901+	CO6900	23.56	13 1-	4ACSR	0	0	329	193	36	2	2	0.00	8.74	0
CO6902+	CO6901	23.77	12 1-	4ACSR	0	0	325	191	34	2	2	0.01	8.75	0
CO6908+	CO6902	23.81	9 1-	4ACSR	0	0	324	191	27	2	1	0.00	8.75	0
CO6909+	CO6908	23.86	8 1-	4ACSR	0	0	323	191	21	1	1	0.00	8.75	0
CO6910+	CO6909	23.93	7 1-	4ACSR	0	0	322	190	18	1	1	0.00	8.75	0
CO6912+	CO6910	24.06	5 1-	4ACSR	0	0	319	189	7	0	0	0.00	8.75	0
CO6913+	CO6912	24.11	3 1-	4ACSR	0	0	318	189	4	0	0	0.00	8.76	0
CO6911+	CO6913	24.15	3 1-	4ACSR	0	0	318	188	4	0	0	0.00	8.76	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6914+	CO6911	24.18	3 1-	4ACSR	0	0	317	188	4	0	0	0.00	8.76	0
CO6915+	CO6914	24.32	2 1-	4ACSR	0	0	314	187	1	0	0	0.00	8.76	0
CO6880+	CO6915	24.38	0 1-	4ACSR	0	0	313	187	0	0	0	0.00	8.76	0
CO6879+	CO6915	24.36	1 1-	4ACSR	0	0	314	187	1	0	0	0.00	8.76	0
CO6903+	CO6902	23.83	1 1-	4ACSR	0	0	324	191	1	0	0	0.00	8.75	0
CO6904+	CO6903	23.85	1 1-	4ACSR	0	0	323	191	1	0	0	0.00	8.75	0
CO6905+	CO6904	23.90	1 1-	4ACSR	0	0	322	190	1	0	0	0.00	8.75	0
CO6906+	CO6905	23.98	1 1-	4ACSR	0	0	321	190	1	0	0	0.00	8.75	0
CO6907+	CO6906	24.06	1 1-	4ACSR	0	0	319	189	1	0	0	0.00	8.75	0
CO6891+	CO6890	22.52	0 1-	4ACSR	0	0	351	201	0	0	0	0.00	8.66	0
CO6892+	CO6891	22.61	0 1-	4ACSR	0	0	349	200	0	0	0	0.00	8.66	0
CO6870+	CO6892	22.78	0 1-	4ACSR	0	0	345	199	0	0	0	0.00	8.66	0
CO6893+	CO6892	22.69	0 1-	4ACSR	0	0	347	199	0	0	0	0.00	8.66	0
CO6894+	CO6893	22.76	0 1-	4ACSR	0	0	346	199	0	0	0	0.00	8.66	0
CO6895+	CO6894	22.82	0 1-	4ACSR	0	0	344	198	0	0	0	0.00	8.66	0
CO6868+	CO8356	21.21	1 1-	4ACSR	0	0	377	209	8	0	0	0.00	8.13	0
CO6878+	CO8356	21.20	3 1-	4ACSR	0	0	377	210	10	0	1	0.00	8.13	0
CO6968+	CO7077	20.66	0 1-	4ACSR	0	0	389	213	0	0	0	0.00	7.80	0
CO7025+	CO7028	20.61	1 1-	4ACSR	0	0	389	213	3	0	0	0.00	7.71	0
CO7026+	CO7025	20.69	1 1-	4ACSR	0	0	387	212	3	0	0	0.00	7.71	0
CO7029+	CO7031	20.17	3 1-	4ACSR	0	0	399	216	8	0	0	0.00	7.48	0
CO7030+	CO7029	20.28	1 1-	4ACSR	0	0	396	215	4	0	0	0.00	7.48	0
CO7039+	CO7076	19.71	3 1-	4ACSR	0	0	410	219	16	1	1	0.00	7.23	0
CO7040+	CO7039	19.73	2 1-	4ACSR	0	0	409	219	11	0	1	0.00	7.23	0
CO7038+	CO7040	19.75	2 1-	4ACSR	0	0	409	219	11	0	1	0.00	7.23	0
CO7037+	CO7038	19.78	2 1-	4ACSR	0	0	408	219	11	0	1	0.00	7.23	0
CO7036+	CO7037	19.82	2 1-	4ACSR	0	0	407	218	11	0	1	0.00	7.23	0
CO7035+	CO7036	19.90	1 1-	4ACSR	0	0	405	218	0	0	0	0.00	7.23	0
CO7034+	CO7036	19.89	1 1-	2ACSR	0	0	405	218	11	0	0	0.00	7.24	0
CO7041+	CO7047	19.62	2 1-	4ACSR	0	0	412	220	5	0	0	0.00	7.16	0
CO7042+	CO7041	19.81	0 1-	4ACSR	0	0	406	218	0	0	0	0.00	7.16	0
CO7043+	CO7047	19.60	5 1-	4ACSR	0	0	413	220	15	1	1	0.00	7.17	0
CO7044+	CO7043	19.63	5 1-	4ACSR	0	0	412	220	15	1	1	0.00	7.17	0
CO7045+	CO7044	19.69	2 1-	4ACSR	0	0	410	219	3	0	0	0.00	7.17	0
CO6978+	CO6990	18.58	0 3-	1/0PRIURD	584	550	439	340	0	0	0	0.00	6.49	0
290544018+	CO17295	18.48	1 3-	Consumer	586	552	441	228	164	4	0	0.00	6.49	0
CO6988+	CO6985	18.38	3 1-	4ACSR	0	0	444	229	15	1	1	0.00	6.46	0
CO7068+	CO6988	18.45	3 1-	4ACSR	0	0	441	228	15	1	1	0.00	6.47	0
CO7070+	CO7068	18.48	1 1-	4ACSR	0	0	440	228	5	0	0	0.00	6.47	0
CO7069+	CO7068	18.55	2 1-	4ACSR	0	0	438	227	9	0	0	0.00	6.47	0
CO7066+	CO7069	18.62	1 1-	4ACSR	0	0	435	227	6	0	0	0.00	6.47	0
CO7067+	CO7066	18.66	0 1-	4ACSR	0	0	434	226	0	0	0	0.00	6.47	0
CO6986+	CO6985	18.42	5 1-	4ACSR	0	0	442	229	8	0	0	0.00	6.46	0
CO6971+	CO6986	18.46	1 1-	4ACSR	0	0	441	228	2	0	0	0.00	6.46	0
CO6987+	CO6986	18.54	0 1-	4ACSR	0	0	438	227	0	0	0	0.00	6.46	0
CO17373+	CO17485	15.44	71 1-	4ACSR	0	0	521	246	203	14	10	0.03	5.85	11
CO17519+	CO17373	15.45	71 1-	4ACSR	0	0	521	246	202	14	10	0.00	5.86	0
OC535+	CO17519	15.45	71 1-	35 H OCR	0	0	521	246	202	14	42	0.00	5.86	0
XFMR50	OC535	15.45	71 1-	333 KVA 1PH AUT	0	0	616	161	202	14	64	0.71	6.57	0
CO17520	XFMR50	15.78	71 1-	4ACSR	0	0	581	158	202	29	21	0.46	7.03	154
CO23835	CO17520	15.96	69 1-	4ACSR	0	0	563	156	200	29	21	0.24	7.27	81
CO17746	CO23835	16.03	69 1-	4ACSR	0	0	556	155	199	29	21	0.09	7.36	29

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17745	CO17746	16.09	69 1-	4ACSR	0	0	550	155	199	29	21	0.09	7.44	29
CO17594	CO17745	16.37	67 1-	4ACSR	0	0	524	152	199	29	21	0.38	7.83	128
CO30538	CO17594	16.77	6 1-	4ACSR	0	0	491	149	29	4	3	0.07	7.89	3
CO17659	CO30538	16.84	5 1-	4ACSR	0	0	485	148	18	2	2	0.01	7.90	0
CO17739	CO17659	16.94	3 1-	4ACSR	0	0	477	147	12	1	1	0.01	7.91	0
CO17741	CO17739	17.14	2 1-	4ACSR	0	0	462	146	8	1	1	0.01	7.91	0
CO17742	CO17741	17.25	1 1-	4ACSR	0	0	454	145	0	0	0	0.00	7.91	0
CO17747	CO17742	17.33	1 1-	4ACSR	0	0	448	144	0	0	0	0.00	7.91	0
CO17748	CO17747	17.51	1 1-	4ACSR	0	0	436	143	0	0	0	0.00	7.91	0
CO17660	CO17659	16.93	2 1-	4ACSR	0	0	477	147	6	0	1	0.00	7.90	0
CO17661	CO17660	17.02	1 1-	4ACSR	0	0	471	147	1	0	0	0.00	7.90	0
CO17735	CO17594	16.49	1 1-	4ACSR	0	0	514	151	1	0	0	0.00	7.83	0
CO17736	CO17735	16.50	1 1-	4ACSR	0	0	513	151	1	0	0	0.00	7.83	0
CO17734	CO17736	16.59	0 1-	4ACSR	0	0	505	150	0	0	0	0.00	7.83	0
CO17595	CO17594	16.49	59 1-	4ACSR	0	0	514	151	157	22	16	0.12	7.95	31
CO17626	CO17595	16.58	1 1-	4ACSR	0	0	506	150	1	0	0	0.00	7.95	0
CO17596	CO17595	16.87	57 1-	4ACSR	0	0	482	148	154	22	16	0.40	8.34	103
CO30649	CO17596	17.04	53 1-	4ACSR	0	0	470	147	151	22	16	0.16	8.51	42
CO30651	CO30649	17.04	52 1-	4ACSR	0	0	469	146	146	21	15	0.01	8.51	0
SW528-B	CO30651	17.04	0 1-	Open	0	0	469	146	0	0	0	0.00	8.51	0
SW528-A	CO30651	17.04	0 1-	Open	0	0	469	146	0	0	0	0.00	8.51	0
CO30650	CO30651	17.08	52 1-	4ACSR	0	0	466	146	145	21	15	0.04	8.55	10
CO17740	CO30650	17.30	52 1-	4ACSR	0	0	450	144	145	21	15	0.21	8.76	50
CO17643	CO17740	17.36	0 1-	2ACSR	0	0	447	144	0	0	0	0.00	8.76	0
CO17644	CO17740	17.43	51 1-	4ACSR	0	0	441	143	139	20	15	0.12	8.88	29
CO17641	CO17644	17.49	2 1-	4ACSR	0	0	438	143	7	1	1	0.00	8.88	0
CO17642	CO17641	17.54	1 1-	4ACSR	0	0	434	142	0	0	0	0.00	8.88	0
CO17640	CO17644	17.46	49 1-	4ACSR	0	0	440	143	131	19	14	0.02	8.90	5
CO17639	CO17640	17.51	47 1-	4ACSR	0	0	436	143	130	19	14	0.05	8.95	11
CO17654	CO17639	17.55	46 1-	4ACSR	0	0	433	142	128	18	13	0.03	8.99	7
CO17653	CO17654	17.62	46 1-	4ACSR	0	0	429	142	128	18	13	0.06	9.05	13
CO17652	CO17653	17.73	46 1-	4ACSR	0	0	422	141	128	18	13	0.09	9.14	20
CO17651	CO17652	17.78	46 1-	4ACSR	0	0	419	141	128	18	13	0.04	9.18	9
CO17650	CO17651	17.82	45 1-	4ACSR	0	0	417	140	115	16	12	0.03	9.21	6
CO17638	CO17650	17.93	44 1-	4ACSR	0	0	410	139	113	16	12	0.08	9.30	16
CO17649	CO17638	18.01	1 1-	2ACSR	0	0	406	139	6	0	0	0.00	9.30	0
CO17637	CO17649	18.07	1 1-	2ACSR	0	0	403	139	6	0	0	0.00	9.30	0
CO17648	CO17638	18.05	43 1-	4ACSR	0	0	402	139	107	15	11	0.09	9.39	17
CO17647	CO17648	18.14	43 1-	4ACSR	0	0	397	138	107	15	11	0.07	9.45	12
CO17646	CO17647	18.20	43 1-	4ACSR	0	0	394	137	107	15	11	0.04	9.49	7
CO17645	CO17646	18.27	41 1-	4ACSR	0	0	390	137	104	15	11	0.05	9.54	9
CO17627	CO17645	18.35	0 1-	4ACSR	0	0	386	136	0	0	0	0.00	9.54	0
CO17636	CO17645	18.32	40 1-	4ACSR	0	0	387	137	103	15	11	0.04	9.58	6
CO17635	CO17636	18.44	40 1-	4ACSR	0	0	381	136	103	15	11	0.08	9.66	14
CO17634	CO17635	18.59	38 1-	4ACSR	0	0	373	135	101	14	11	0.10	9.77	18
CO17618	CO17634	18.67	0 1-	4ACSR	0	0	369	134	0	0	0	0.00	9.77	0
CO17591	CO17634	18.66	38 1-	4ACSR	0	0	370	134	101	14	11	0.05	9.82	9
CO17632	CO17591	18.75	4 1-	4ACSR	0	0	365	134	12	1	1	0.01	9.82	0
CO244081394	CO17632	18.78	1 1-	2ACSR	0	0	364	133	7	1	1	0.00	9.82	0
CO17633	CO17632	18.86	2 1-	4ACSR	0	0	360	133	5	0	1	0.00	9.83	0
CO17631	CO17633	18.94	1 1-	4ACSR	0	0	356	132	0	0	0	0.00	9.83	0
CO17630	CO17631	19.00	1 1-	4ACSR	0	0	354	132	0	0	0	0.00	9.83	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17629	CO17630	19.05	0 1-	4ACSR	0	0	351	131	0	0	0	0.00	9.83	0
CO17668	CO17591	18.71	2 1-	4ACSR	0	0	368	134	1	0	0	0.00	9.82	0
CO17669	CO17668	18.78	0 1-	4ACSR	0	0	364	133	0	0	0	0.00	9.82	0
CO17590	CO17591	18.80	31 1-	4ACSR	0	0	363	133	88	13	9	0.08	9.90	12
CO17619	CO17590	18.86	2 1-	4ACSR	0	0	360	133	3	0	0	0.00	9.90	0
CO17667	CO17590	18.84	26 1-	4ACSR	0	0	361	133	77	11	8	0.02	9.92	3
CO17666	CO17667	18.95	26 1-	4ACSR	0	0	356	132	77	11	8	0.06	9.97	7
CO17749	CO17666	19.01	1 1-	2ACSR	0	0	354	132	7	1	1	0.00	9.97	0
CO17750	CO17749	19.05	1 1-	2ACSR	0	0	352	132	7	1	1	0.00	9.98	0
CO17620	CO17666	19.02	1 1-	4ACSR	0	0	352	132	0	0	0	0.00	9.97	0
CO17589	CO17666	19.11	23 1-	4ACSR	0	0	349	131	69	10	7	0.07	10.05	9
CO17664	CO17589	19.15	2 1-	4ACSR	0	0	347	131	3	0	0	0.00	10.05	0
CO17665	CO17664	19.18	1 1-	4ACSR	0	0	345	131	3	0	0	0.00	10.05	0
CO23789	CO17589	19.18	21 1-	4ACSR	0	0	345	131	65	9	7	0.03	10.08	4
CO19208	CO23789	19.35	21 1-	4ACSR	0	0	338	129	65	9	7	0.07	10.15	8
CO19221	CO19208	19.42	1 1-	4ACSR	0	0	335	129	0	0	0	0.00	10.15	0
CO19220	CO19221	19.46	0 1-	4ACSR	0	0	333	129	0	0	0	0.00	10.15	0
CO19162	CO19208	19.42	1 1-	4ACSR	0	0	335	129	0	0	0	0.00	10.15	0
CO19183	CO19208	19.39	18 1-	4ACSR	0	0	336	129	60	8	6	0.02	10.17	0
CO19182	CO19183	19.41	18 1-	4ACSR	0	0	335	129	60	8	6	0.01	10.18	0
CO19181	CO19182	19.44	17 1-	4ACSR	0	0	334	129	57	8	6	0.01	10.19	0
CO19214	CO19181	19.54	17 1-	4ACSR	0	0	330	128	57	8	6	0.04	10.22	4
CO19213	CO19214	19.74	17 1-	4ACSR	0	0	322	127	57	8	6	0.08	10.31	8
CO19230	CO19213	19.83	17 1-	4ACSR	0	0	319	126	57	8	6	0.03	10.34	3
CO19229	CO19230	19.88	17 1-	4ACSR	0	0	317	126	57	8	6	0.02	10.35	0
CO19178	CO19229	19.96	0 1-	4ACSR	0	0	314	126	0	0	0	0.00	10.35	0
CO19179	CO19178	20.03	0 1-	4ACSR	0	0	311	125	0	0	0	0.00	10.35	0
CO19180	CO19179	20.22	0 1-	4ACSR	0	0	305	124	0	0	0	0.00	10.35	0
CO23790	CO19180	20.39	0 1-	4ACSR	0	0	299	123	0	0	0	0.00	10.35	0
CO17743	CO23790	20.45	0 1-	4ACSR	0	0	297	123	0	0	0	0.00	10.35	0
CO17744	CO17743	20.47	0 1-	4ACSR	0	0	296	123	0	0	0	0.00	10.35	0
CO23796	CO17744	20.56	0 1-	4ACSR	0	0	293	122	0	0	0	0.00	10.35	0
CO17544	CO23796	20.63	0 1-	4ACSR	0	0	291	122	0	0	0	0.00	10.35	0
CO17545	CO17544	20.67	0 1-	4ACSR	0	0	290	121	0	0	0	0.00	10.35	0
CO17616	CO17744	20.50	0 1-	4ACSR	0	0	295	122	0	0	0	0.00	10.35	0
CO19176	CO19229	19.94	16 1-	4ACSR	0	0	315	126	44	6	5	0.02	10.37	0
CO19165	CO19176	19.97	1 1-	2ACSR	0	0	314	126	10	1	1	0.00	10.37	0
CO19175	CO19176	20.03	13 1-	4ACSR	0	0	311	125	28	4	3	0.01	10.39	0
CO19174	CO19175	20.04	12 1-	4ACSR	0	0	311	125	18	2	2	0.00	10.39	0
CO19177	CO19174	20.21	10 1-	4ACSR	0	0	305	124	17	2	2	0.02	10.41	0
CO23797	CO19177	20.30	9 1-	4ACSR	0	0	302	124	13	1	1	0.01	10.41	0
CO19093	CO23797	20.34	9 1-	4ACSR	0	0	301	123	13	1	1	0.00	10.42	0
CO19094	CO19093	20.46	9 1-	4ACSR	0	0	297	123	13	1	1	0.01	10.43	0
CO19095	CO19094	20.49	9 1-	4ACSR	0	0	295	122	13	1	1	0.00	10.43	0
CO19124	CO19095	20.52	5 1-	4ACSR	0	0	295	122	10	1	1	0.00	10.43	0
CO19151	CO19124	20.56	4 1-	4ACSR	0	0	293	122	10	1	1	0.00	10.43	0
CO19152	CO19151	20.58	2 1-	4ACSR	0	0	293	122	0	0	0	0.00	10.43	0
CO19144	CO19152	20.60	2 1-	4ACSR	0	0	292	122	0	0	0	0.00	10.43	0
CO23791	CO19144	20.69	1 1-	4ACSR	0	0	289	121	0	0	0	0.00	10.43	0
CO19237	CO19174	20.07	2 1-	4ACSR	0	0	310	125	0	0	0	0.00	10.39	0
OC576	CO19237	20.07	2 1-	15 H OCR	0	0	310	125	0	0	0	0.00	10.39	0
CO19236	OC576	20.08	2 1-	4ACSR	0	0	310	125	0	0	0	0.00	10.39	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23799	CO19236	20.26	1 1-	4ACSR	0	0	303	124	0	0	0	0.00	10.39	0
CO23798	CO19236	20.33	1 1-	4ACSR	0	0	301	123	0	0	0	0.00	10.39	0
CO19069	CO23798	20.41	0 1-	4ACSR	0	0	298	123	0	0	0	0.00	10.39	0
CO19228	CO19236	20.30	0 1-	4ACSR	0	0	302	124	0	0	0	0.00	10.39	0
CO17617	CO17640	17.50	2 1-	4ACSR	0	0	437	143	1	0	0	0.00	8.90	0
CO17657	CO17596	17.01	2 1-	4ACSR	0	0	471	147	1	0	0	0.00	8.34	0
CO17658	CO17657	17.16	1 1-	4ACSR	0	0	461	146	0	0	0	0.00	8.34	0
CO17655	CO17596	16.98	2 1-	4ACSR	0	0	474	147	1	0	0	0.00	8.34	0
CO17656	CO17655	17.02	0 1-	4ACSR	0	0	471	147	0	0	0	0.00	8.34	0
CO17625	CO17594	16.43	1 1-	4ACSR	0	0	519	152	11	1	1	0.00	7.83	0
CO17624	CO17745	16.23	1 1-	4ACSR	0	0	537	154	0	0	0	0.00	7.44	0
CO17486	CO17520	15.86	2 1-	4ACSR	0	0	573	157	2	0	0	0.00	7.03	0
CO17487	CO17486	16.05	1 1-	4ACSR	0	0	554	155	2	0	0	0.00	7.03	0
CO17394+	CO17372	15.33	3 1-	4ACSR	0	0	525	247	9	0	0	0.00	5.80	0
CO-657761637+	CO17394	15.51	2 1-	4ACSR	0	0	517	245	8	0	0	0.00	5.80	0
CO17393+	CO17371	15.10	2 1-	4ACSR	0	0	532	248	5	0	0	0.00	5.72	0
CO17513+	CO17502	14.77	16 1-	4ACSR	0	0	545	251	69	5	4	0.00	5.65	0
OC532+	CO17513	14.77	16 1-	10 N FUSE	0	0	545	251	69	5	51	0.00	5.65	0
CO17514+	OC532	14.86	16 1-	4ACSR	0	0	541	250	69	5	4	0.01	5.66	0
CO17368+	CO17514	14.97	8 1-	4ACSR	0	0	535	249	44	3	2	0.01	5.67	0
CO17457+	CO17368	15.01	3 1-	4ACSR	0	0	533	248	24	1	1	0.00	5.67	0
CO17497+	CO17457	15.05	3 1-	4ACSR	0	0	531	248	24	1	1	0.00	5.67	0
CO17498+	CO17497	15.07	2 1-	4ACSR	0	0	530	247	13	0	1	0.00	5.67	0
CO17369+	CO17368	15.56	1 1-	4ACSR	0	0	507	242	9	0	0	0.00	5.67	0
CO17391+	CO17368	15.05	3 1-	4ACSR	0	0	531	248	9	0	0	0.00	5.67	0
CO17454+	CO17514	14.89	7 1-	4ACSR	0	0	539	250	16	1	1	0.00	5.66	0
CO17455+	CO17454	15.03	4 1-	4ACSR	0	0	532	248	10	0	1	0.00	5.66	0
CO17456+	CO17455	15.10	0 1-	4ACSR	0	0	529	247	0	0	0	0.00	5.66	0
CO17492+	CO17483	14.65	5 1-	4ACSR	0	0	548	252	20	1	1	0.00	5.59	0
CO17493+	CO17492	14.75	3 1-	4ACSR	0	0	543	250	17	1	1	0.00	5.59	0
CO17450+	CO17405	14.04	2 1-	4ACSR	0	0	570	256	10	0	1	0.00	5.39	0
CO17451+	CO17450	14.09	1 1-	4ACSR	0	0	567	255	6	0	0	0.00	5.39	0
CO17386+	CO17420	13.88	2 1-	4ACSR	0	0	575	257	11	0	1	0.00	5.33	0
CO-924829201+	CO17386	13.94	1 1-	2ACSR	0	0	572	256	7	0	0	0.00	5.33	0
CO17628+	CO17588	13.62	1 1-	2ACSR	0	0	587	259	8	0	0	0.00	5.24	0
CO17753+	CO17588	13.51	59 1-	4ACSR	0	0	592	260	200	14	11	0.00	5.24	0
OC527+	CO17753	13.51	59 1-	10 N FUSE	0	0	592	260	200	14	147	0.00	5.24	0
CO23830+	OC527	13.64	59 1-	4ACSR	0	0	584	258	200	14	11	0.05	5.28	15
CO17428+	CO23830	13.92	59 1-	4ACSR	0	0	568	254	200	14	11	0.10	5.38	33
CO17524+	CO17428	13.93	59 1-	4ACSR	0	0	568	254	200	14	11	0.00	5.39	0
OC-973535964+	CO17524	13.93	59 1-	35 E OCR	0	0	568	254	200	14	42	0.00	5.39	0
CO17525+	OC-973535964	14.00	9 1-	4ACSR	0	0	564	253	22	1	1	0.00	5.39	0
CO17424+	CO17525	14.09	7 1-	4ACSR	0	0	559	252	10	0	1	0.00	5.39	0
CO17423+	CO17424	14.19	6 1-	4ACSR	0	0	554	251	10	0	1	0.00	5.39	0
CO17422+	CO17423	14.25	5 1-	4ACSR	0	0	550	250	9	0	0	0.00	5.39	0
CO17421+	CO17422	14.32	4 1-	4ACSR	0	0	547	249	8	0	0	0.00	5.39	0
CO17378+	CO17421	14.45	2 1-	4ACSR	0	0	540	248	8	0	0	0.00	5.39	0
CO17444+	CO17421	14.39	1 1-	4ACSR	0	0	544	249	0	0	0	0.00	5.39	0
CO17445+	CO17444	14.46	1 1-	4ACSR	0	0	540	248	0	0	0	0.00	5.39	0
CO17446+	CO17445	14.48	1 1-	4ACSR	0	0	539	247	0	0	0	0.00	5.39	0
XFMR49	OC-973535964	13.93	50 1-	333 KVA 1PH AUT	0	0	647	162	178	13	57	0.77	6.16	0
CO17523	XFMR49	14.00	50 1-	4ACSR	0	0	638	162	178	26	19	0.09	6.25	28

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17367	CO17523	14.11	48 1-	4ACSR	0	0	625	161	174	25	18	0.13	6.38	38
CO17388	CO17367	14.15	1 1-	4ACSR	0	0	621	160	10	1	1	0.00	6.38	0
CO17366	CO17367	14.23	47 1-	4ACSR	0	0	612	159	164	24	17	0.13	6.52	36
CO17380	CO17366	14.28	1 1-	4ACSR	0	0	606	159	6	0	1	0.00	6.52	0
CO17362	CO17366	14.59	43 1-	4ACSR	0	0	573	156	151	22	16	0.38	6.90	96
CO17365	CO17362	14.71	42 1-	4ACSR	0	0	561	155	144	21	15	0.12	7.01	28
CO17471	CO17365	14.76	2 1-	4ACSR	0	0	555	154	0	0	0	0.00	7.01	0
CO17472	CO17471	14.92	2 1-	4ACSR	0	0	540	153	0	0	0	0.00	7.01	0
CO17387	CO17472	14.94	1 1-	4ACSR	0	0	538	153	0	0	0	0.00	7.01	0
CO17415	CO17472	14.96	1 1-	4ACSR	0	0	536	153	0	0	0	0.00	7.01	0
CO17431	CO17365	14.97	40 1-	4ACSR	0	0	535	153	144	21	15	0.26	7.27	62
CO17432	CO17431	15.10	38 1-	4ACSR	0	0	524	151	138	20	15	0.12	7.39	28
CO17363	CO17432	15.21	33 1-	4ACSR	0	0	513	150	122	18	13	0.09	7.49	19
CO17429	CO17363	15.32	32 1-	4ACSR	0	0	504	149	111	16	12	0.08	7.57	15
CO17476	CO17429	15.39	32 1-	4ACSR	0	0	498	149	111	16	12	0.05	7.62	10
CO17477	CO17476	15.41	29 1-	4ACSR	0	0	496	149	105	15	11	0.02	7.64	3
CO17364	CO17477	15.51	6 1-	4ACSR	0	0	489	148	22	3	2	0.01	7.65	0
CO17384	CO17364	15.54	1 1-	4ACSR	0	0	486	148	8	1	1	0.00	7.66	0
CO17402	CO17364	15.57	1 1-	2ACSR	0	0	484	147	1	0	0	0.00	7.65	0
CO17426	CO17364	15.69	4 1-	4ACSR	0	0	474	146	14	2	1	0.01	7.67	0
CO17427	CO17426	15.75	3 1-	4ACSR	0	0	469	146	8	1	1	0.00	7.67	0
CO17425	CO17427	16.01	2 1-	4ACSR	0	0	450	144	5	0	1	0.01	7.68	0
CO17401	CO17425	16.05	1 1-	2ACSR	0	0	448	144	3	0	0	0.00	7.68	0
CO17412	CO17425	16.31	0 1-	4ACSR	0	0	430	141	0	0	0	0.00	7.68	0
CO17517	CO17477	15.42	23 1-	4ACSR	0	0	496	149	83	12	9	0.00	7.64	0
OC533	CO17517	15.42	23 1-	25 H OCR	0	0	496	149	83	12	50	0.00	7.64	0
CO17518	OC533	15.66	23 1-	4ACSR	0	0	477	147	83	12	9	0.13	7.78	18
CO17473	CO17518	15.78	22 1-	4ACSR	0	0	467	146	76	11	8	0.06	7.84	8
CO17474	CO17473	15.84	20 1-	4ACSR	0	0	463	145	68	10	7	0.02	7.87	3
CO17475	CO17474	15.91	19 1-	4ACSR	0	0	458	145	56	8	6	0.03	7.89	3
CO17430	CO17475	16.02	17 1-	4ACSR	0	0	449	144	46	6	5	0.04	7.93	3
CO30638	CO17430	16.21	16 1-	4ACSR	0	0	437	142	43	6	5	0.06	7.98	4
CO7054	CO30638	16.29	15 1-	4ACSR	0	0	431	142	43	6	5	0.02	8.01	0
CO7055	CO7054	16.40	14 1-	4ACSR	0	0	424	141	42	6	5	0.03	8.04	2
CO6961	CO7055	16.59	13 1-	4ACSR	0	0	412	139	34	5	4	0.05	8.09	3
CO7056	CO6961	16.61	12 1-	4ACSR	0	0	411	139	26	3	3	0.00	8.09	0
CO7057	CO7056	16.72	12 1-	4ACSR	0	0	404	138	26	3	3	0.02	8.11	0
CO7058	CO7057	16.83	10 1-	4ACSR	0	0	398	137	23	3	2	0.02	8.13	0
CO7059	CO7058	16.96	9 1-	4ACSR	0	0	390	136	20	2	2	0.02	8.15	0
CO7071	CO7059	17.37	9 1-	4ACSR	0	0	369	134	20	2	2	0.06	8.20	0
CO6974	CO7071	17.44	1 1-	2ACSR	0	0	367	133	0	0	0	0.00	8.20	0
CO7072	CO7071	17.57	8 1-	4ACSR	0	0	360	132	19	2	2	0.02	8.22	0
CO7060	CO7072	17.79	6 1-	4ACSR	0	0	349	131	11	1	1	0.01	8.24	0
CO7061	CO7060	17.82	5 1-	4ACSR	0	0	348	131	7	1	1	0.00	8.24	0
CO6967	CO7061	17.89	1 1-	4ACSR	0	0	345	130	4	0	0	0.00	8.24	0
CO7062	CO7061	17.88	4 1-	4ACSR	0	0	345	130	3	0	0	0.00	8.24	0
CO7063	CO7062	18.12	3 1-	4ACSR	0	0	335	129	3	0	0	0.00	8.24	0
CO7064	CO7063	18.14	2 1-	4ACSR	0	0	334	128	1	0	0	0.00	8.24	0
CO7065	CO7064	18.44	2 1-	4ACSR	0	0	322	127	1	0	0	0.00	8.25	0
CO8361	CO7065	18.90	2 1-	4ACSR	0	0	305	124	1	0	0	0.00	8.25	0
CO7214	CO8361	19.09	2 1-	4ACSR	0	0	298	123	1	0	0	0.00	8.25	0
CO7213	CO7214	19.36	2 1-	4ACSR	0	0	290	121	1	0	0	0.00	8.25	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7212	CO7213	19.51	2 1-	4ACSR	0	0	285	120	1	0	0	0.00	8.25	0
CO7211	CO7212	19.77	2 1-	4ACSR	0	0	277	119	1	0	0	0.00	8.25	0
CO7210	CO7211	19.81	2 1-	4ACSR	0	0	276	119	1	0	0	0.00	8.25	0
CO7209	CO7210	19.85	2 1-	4ACSR	0	0	275	118	1	0	0	0.00	8.25	0
CO7208	CO7209	19.97	2 1-	4ACSR	0	0	271	118	1	0	0	0.00	8.25	0
CO7207	CO7208	20.04	2 1-	4ACSR	0	0	269	117	1	0	0	0.00	8.25	0
CO7206	CO7207	20.11	2 1-	4ACSR	0	0	267	117	1	0	0	0.00	8.25	0
CO7205	CO7206	20.26	2 1-	4ACSR	0	0	263	116	1	0	0	0.00	8.25	0
CO7204	CO7205	20.32	2 1-	4ACSR	0	0	262	116	1	0	0	0.00	8.25	0
CO7203	CO7204	20.40	1 1-	4ACSR	0	0	260	115	0	0	0	0.00	8.25	0
CO7202	CO7203	20.43	1 1-	4ACSR	0	0	259	115	0	0	0	0.00	8.25	0
CO6966	CO7072	17.64	1 1-	4ACSR	0	0	356	132	3	0	0	0.00	8.23	0
CO6965	CO6961	16.63	1 1-	4ACSR	0	0	410	139	8	1	1	0.00	8.09	0
CO6964	CO7055	16.43	1 1-	4ACSR	0	0	422	140	8	1	1	0.00	8.04	0
CO17447	CO17475	16.00	2 1-	4ACSR	0	0	451	144	10	1	1	0.00	7.90	0
CO17448	CO17447	16.17	1 1-	4ACSR	0	0	439	142	0	0	0	0.00	7.90	0
CO17449	CO17448	16.20	1 1-	4ACSR	0	0	437	142	0	0	0	0.00	7.90	0
CO17385	CO17363	15.40	0 1-	4ACSR	0	0	497	149	0	0	0	0.00	7.49	0
CO17383	CO17432	15.15	2 1-	4ACSR	0	0	519	151	5	0	1	0.00	7.39	0
CO17382	CO17432	15.15	1 1-	4ACSR	0	0	519	151	6	0	1	0.00	7.39	0
CO17381	CO17362	14.64	1 1-	4ACSR	0	0	568	156	6	0	1	0.00	6.90	0
CO17379	CO17523	14.12	1 1-	4ACSR	0	0	625	161	4	0	0	0.00	6.25	0
CO17614+	CO17699	13.45	0 1-	4ACSR	0	0	592	260	0	0	0	0.00	5.17	0
CO30676+	CO17705	13.14	0 3-	1/0ACSR	790	741	607	262	0	0	0	0.00	5.05	0
CO17717+	CO17720	12.68	6 1-	1/0ACSR	0	0	628	266	22	1	1	0.00	4.89	0
CO17718+	CO17717	12.75	5 1-	1/0ACSR	0	0	624	265	16	1	0	0.00	4.89	0
CO17714+	CO17718	12.81	2 1-	1/0ACSR	0	0	622	265	12	0	0	0.00	4.89	0
CO17715+	CO17714	12.87	1 1-	1/0ACSR	0	0	619	264	9	0	0	0.00	4.89	0
CO17716+	CO17718	12.78	3 1-	1/0ACSR	0	0	623	265	3	0	0	0.00	4.89	0
CO739464024+	CO17716	12.83	1 1-	2ACSR	0	0	620	265	0	0	0	0.00	4.89	0
CO17728+	CO17731	12.19	3 1-	4ACSR	0	0	647	268	11	0	1	0.00	4.69	0
CO17729+	CO17728	12.25	2 1-	4ACSR	0	0	643	268	10	0	1	0.00	4.69	0
CO17607+	CO17585	11.89	1 1-	4ACSR	0	0	665	272	3	0	0	0.00	4.61	0
CO17601+	CO17582	11.80	1 1-	4ACSR	0	0	667	272	6	0	0	0.00	4.55	0
CO17687+	CO17582	11.87	9 1-	4ACSR	0	0	662	271	25	1	1	0.01	4.56	0
CO-1519833008+	CO17687	11.93	1 1-	2ACSR	0	0	658	270	10	0	0	0.00	4.56	0
CO17688+	CO17687	11.97	7 1-	4ACSR	0	0	655	269	15	1	1	0.00	4.56	0
CO17604+	CO17688	12.05	1 1-	4ACSR	0	0	649	268	9	0	0	0.00	4.56	0
CO17583+	CO17688	12.06	5 1-	4ACSR	0	0	648	268	6	0	0	0.00	4.56	0
CO17691+	CO17583	12.12	3 1-	4ACSR	0	0	644	267	5	0	0	0.00	4.56	0
CO17692+	CO17691	12.19	2 1-	4ACSR	0	0	640	266	4	0	0	0.00	4.56	0
CO17695+	CO17692	12.40	2 1-	4ACSR	0	0	625	263	4	0	0	0.00	4.56	0
CO17696+	CO17695	12.46	2 1-	4ACSR	0	0	621	262	4	0	0	0.00	4.56	0
CO17603+	CO17696	12.58	1 1-	4ACSR	0	0	614	261	4	0	0	0.00	4.56	0
CO17602+	CO17696	12.54	0 1-	4ACSR	0	0	616	261	0	0	0	0.00	4.56	0
CO17693+	CO17692	12.37	0 1-	4ACSR	0	0	627	263	0	0	0	0.00	4.56	0
CO17694+	CO17693	12.48	0 1-	4ACSR	0	0	620	262	0	0	0	0.00	4.56	0
CO17689+	CO17583	12.31	2 1-	4ACSR	0	0	631	264	0	0	0	0.00	4.56	0
CO629591687+	CO17689	12.38	1 1-	2ACSR	0	0	627	264	0	0	0	0.00	4.56	0
CO1450001574+	CO629591687	12.55	1 1-	2ACSR	0	0	619	262	0	0	0	0.00	4.56	0
CO705913237+	CO1450001574	12.62	1 1-	2ACSR	0	0	615	261	0	0	0	0.00	4.56	0
CO1345986599+	CO705913237	12.67	1 1-	2ACSR	0	0	612	261	0	0	0	0.00	4.56	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO317080317+	CO17689	12.35	0 1-	2ACSR	0	0	629	264	0	0	0	0.00	4.56	0
CO17685+	CO17678	11.66	5 1-	4ACSR	0	0	675	273	20	1	1	0.00	4.51	0
CO17686+	CO17685	11.70	5 1-	4ACSR	0	0	672	272	20	1	1	0.00	4.51	0
CO17599+	CO17686	11.80	1 1-	4ACSR	0	0	665	271	3	0	0	0.00	4.51	0
CO17683+	CO17686	11.77	4 1-	4ACSR	0	0	667	271	17	1	1	0.00	4.51	0
CO17684+	CO17683	11.80	1 1-	4ACSR	0	0	665	271	3	0	0	0.00	4.51	0
CO17681+	CO17683	11.79	3 1-	4ACSR	0	0	666	271	14	1	1	0.00	4.51	0
CO17682+	CO17681	11.82	3 1-	4ACSR	0	0	663	270	14	1	1	0.00	4.51	0
CO17680+	CO17682	11.86	3 1-	4ACSR	0	0	660	270	14	1	1	0.00	4.51	0
CO17679+	CO17680	11.93	1 1-	4ACSR	0	0	655	269	9	0	0	0.00	4.51	0
CO17597+	CO17581	11.18	1 1-	4ACSR	0	0	701	277	2	0	0	0.00	4.32	0
CO17675+	CO17676	11.12	1 1-	4ACSR	0	0	705	277	9	0	0	0.00	4.30	0
CO17983+	CO17966	10.81	1 1-	4ACSR	0	0	722	279	8	0	0	0.00	4.14	0
CO17967+	CO17966	10.69	0 3-	1/0ACSR	935	875	732	281	0	-7	3	0.00	4.14	0
CA65+	CO17967	10.69	0 3-	Capacitor	935	875	732	281	0	-7	0	0.00	4.14	0
CO17982+	CO23787	10.01	1 1-	1/0ACSR	0	0	776	287	1	0	0	0.00	3.86	0
CO19953+	OC602	9.84	0 3-	1/0ACSR	998	934	788	288	0	0	0	0.00	3.82	0
RG34+	CO19953	9.84	0 3-	100	998	934	788	288	0	0	0	-3.82	0.00	0
CO19869+	CO23786	9.34	1 1-	4ACSR	0	0	816	291	6	0	0	0.00	3.55	0
CO17995+	CO18027	9.11	2 1-	4ACSR	0	0	836	294	10	0	1	0.00	3.47	0
CO17996+	CO17995	9.12	2 1-	4ACSR	0	0	834	293	10	0	1	0.00	3.47	0
CO17960+	CO17959	7.88	185 3-	1/0ACSR	1156	1081	937	305	595	14	6	0.01	2.93	6
CO18035+	CO17960	7.88	185 3-	1/0ACSR	1155	1081	936	305	595	14	6	0.00	2.93	0
OC546+	CO18035	7.88	185 3-	70 L OCR	1155	1081	936	305	595	14	21	0.00	2.93	0
XFMR48	OC546	7.88	185 3-	333 KVA 1PH AUT	884	861	812	171	595	14	62	0.87	3.80	0
CO18036	XFMR48	8.01	185 3-	1/0ACSR	871	847	796	170	595	28	13	0.07	3.87	59
CO17961	CO18036	8.14	182 3-	1/0ACSR	858	832	779	169	579	28	12	0.07	3.94	60
CO17962	CO17961	8.48	182 3-	1/0ACSR	825	797	739	168	578	28	12	0.18	4.12	154
CO18038	CO17962	8.66	182 3-	1/0ACSR	809	779	719	167	578	28	12	0.09	4.21	79
CO17973	CO18038	8.76	2 1-	4ACSR	0	0	705	166	1	0	0	0.00	4.21	0
CO17954	CO18038	8.91	180 3-	1/0ACSR	786	754	692	165	577	28	12	0.14	4.34	116
CO18008	CO17954	9.07	179 3-	1/0ACSR	772	740	677	165	567	27	12	0.08	4.42	67
CO17987	CO18008	9.11	1 1-	4ACSR	0	0	672	164	4	0	0	0.00	4.43	0
CO18009	CO18008	9.12	178 3-	1/0ACSR	768	735	672	164	562	27	12	0.03	4.45	23
CO30547	CO18009	9.18	0 1-	4ACSR	0	0	665	164	0	0	0	0.00	4.45	0
CO17955	CO18009	9.22	177 3-	1/0ACSR	760	727	663	164	562	27	12	0.05	4.50	41
CO17956	CO17955	9.36	177 3-	1/0ACSR	748	714	650	163	562	27	12	0.07	4.57	61
CO23828	CO17956	9.86	177 3-	1/0ACSR	710	673	607	161	562	27	12	0.26	4.83	215
CO17754	CO23828	9.94	173 3-	1/0ACSR	704	667	601	160	552	26	12	0.04	4.87	32
CO17833	CO17754	10.16	1 1-	4ACSR	0	0	577	158	1	0	0	0.00	4.87	0
CO17823	CO17754	10.01	172 3-	1/0ACSR	699	662	595	160	550	26	12	0.03	4.90	28
CO17824	CO17823	10.08	171 3-	1/0ACSR	694	656	590	160	549	26	12	0.04	4.94	31
CO17822	CO17824	10.17	170 3-	1/0ACSR	687	650	583	159	548	26	12	0.04	4.98	35
CO17821	CO17822	10.30	170 3-	1/0ACSR	678	640	573	158	548	26	12	0.07	5.05	55
CO17820	CO17821	10.42	168 3-	1/0ACSR	670	632	565	158	544	26	12	0.06	5.11	48
CO17755	CO17820	10.46	97 3-	4ACSR	666	628	561	158	329	16	12	0.03	5.14	15
CO17790	CO17755	10.52	1 3-	4ACSR	660	621	555	157	3	0	0	0.00	5.14	0
CO17791	CO17790	10.55	0 3-	4ACSR	658	619	553	157	0	0	0	0.00	5.14	0
CO17756	CO17755	10.53	96 1-	4ACSR	0	0	555	157	326	47	34	0.15	5.29	81
CO17829	CO17756	10.53	95 1-	4ACSR	0	0	554	157	323	47	34	0.01	5.30	8
OC539	CO17829	10.53	95 1-	50 H OCR	0	0	554	157	323	47	95	0.00	5.30	0
CO17830	OC539	10.72	95 1-	4ACSR	0	0	537	155	323	47	34	0.41	5.71	222

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17764	CO17830	10.79	1 1-	4ACSR	0	0	531	154	6	0	1	0.00	5.71	0
CO17792	CO17830	10.78	94 1-	4ACSR	0	0	532	155	315	46	33	0.13	5.84	69
CO17793	CO17792	10.85	92 1-	4ACSR	0	0	526	154	312	46	33	0.15	5.99	78
CO17794	CO17793	11.33	92 1-	4ACSR	0	0	486	150	312	46	33	1.06	7.06	556
CO17765	CO17794	11.42	1 1-	4ACSR	0	0	480	149	5	0	1	0.00	7.06	0
CO17795	CO17794	11.52	91 1-	4ACSR	0	0	472	148	304	45	32	0.40	7.45	205
REG332	CO17795	11.52	91 1-		0	0	472	148	303	45	45	-7.45	0.00	0
CO17796	REG332	11.80	91 1-	4ACSR	0	0	452	146	303	42	30	0.56	0.56	269
CO17757	CO17796	11.91	77 1-	4ACSR	0	0	444	145	272	38	27	0.20	0.76	89
CO17758	CO17757	12.11	75 1-	4ACSR	0	0	431	143	254	35	26	0.33	1.09	132
CO17797	CO17758	12.13	72 1-	4ACSR	0	0	430	143	237	33	24	0.03	1.12	12
CO17798	CO17797	12.24	71 1-	4ACSR	0	0	423	142	234	33	24	0.18	1.30	67
CO17799	CO17798	12.34	71 1-	4ACSR	0	0	417	141	234	33	24	0.15	1.45	56
CO17759	CO17799	12.55	69 1-	4ACSR	0	0	404	140	231	32	24	0.33	1.78	125
CO17760	CO17759	12.75	68 1-	4ACSR	0	0	394	138	230	32	23	0.30	2.08	111
CO30636	CO17760	13.27	66 1-	4ACSR	0	0	366	134	228	32	23	0.81	2.89	300
CO7182	CO30636	13.36	66 1-	4ACSR	0	0	362	134	226	32	23	0.13	3.02	48
CO7181	CO7182	13.47	66 1-	4ACSR	0	0	357	133	226	32	23	0.17	3.19	63
CO7180	CO7181	13.56	66 1-	4ACSR	0	0	353	132	226	32	23	0.14	3.33	51
CO7179	CO7180	13.58	66 1-	4ACSR	0	0	352	132	226	32	23	0.03	3.36	11
CO7176	CO7179	13.72	0 1-	4ACSR	0	0	346	131	0	0	0	0.00	3.36	0
CO7175	CO7179	13.76	66 1-	4ACSR	0	0	344	131	225	32	23	0.28	3.63	102
CO7178	CO7175	13.89	65 1-	4ACSR	0	0	338	130	222	32	23	0.20	3.83	72
CO8365	CO7178	14.11	64 1-	4ACSR	0	0	329	129	218	31	23	0.33	4.16	118
CO7232	CO8365	14.20	1 1-	4ACSR	0	0	326	128	4	0	0	0.00	4.16	0
CO7217	CO8365	14.19	63 1-	4ACSR	0	0	326	128	214	31	22	0.11	4.27	39
CO7233	CO7217	14.26	1 1-	4ACSR	0	0	324	128	2	0	0	0.00	4.27	0
CO7218	CO7217	14.31	62 1-	4ACSR	0	0	322	128	212	30	22	0.17	4.45	60
CO7280	CO7218	14.39	60 1-	4ACSR	0	0	319	127	204	29	21	0.12	4.56	39
CO7281	CO7280	14.49	60 1-	4ACSR	0	0	315	126	204	29	21	0.15	4.71	49
CO7244	CO7281	14.57	1 1-	4ACSR	0	0	312	126	8	1	1	0.00	4.71	0
CO7282	CO7281	14.85	59 1-	4ACSR	0	0	302	124	196	28	20	0.47	5.18	154
CO7283	CO7282	15.04	58 1-	4ACSR	0	0	296	123	195	28	20	0.26	5.45	85
CO7219	CO7283	15.17	55 1-	4ACSR	0	0	292	122	189	27	20	0.17	5.62	54
CO7236	CO7219	15.22	2 1-	4ACSR	0	0	290	122	5	0	1	0.00	5.62	0
CO7306	CO7219	15.18	53 1-	4ACSR	0	0	291	122	184	26	19	0.01	5.62	3
OC196	CO7306	15.18	53 1-	35 H OCSR	0	0	291	122	184	26	77	0.00	5.62	0
CO7307	OC196	15.30	53 1-	4ACSR	0	0	288	121	184	26	19	0.15	5.77	46
CO7284	CO7307	15.36	51 1-	4ACSR	0	0	286	121	180	26	19	0.08	5.85	23
CO7285	CO7284	15.48	50 1-	4ACSR	0	0	282	120	175	25	18	0.15	6.00	44
CO7245	CO7285	15.67	50 1-	4ACSR	0	0	276	119	175	25	18	0.23	6.23	68
CO7246	CO7245	15.78	48 1-	4ACSR	0	0	273	119	167	24	18	0.13	6.36	36
CO7247	CO7246	16.00	48 1-	4ACSR	0	0	267	118	167	24	18	0.25	6.61	70
CO7221	CO7247	16.05	34 1-	4ACSR	0	0	266	117	97	14	10	0.03	6.64	6
CO7242	CO7221	16.10	1 1-	2ACSR	0	0	265	117	2	0	0	0.00	6.64	0
CO7239	CO7221	16.11	1 1-	4ACSR	0	0	264	117	0	0	0	0.00	6.64	0
CO7222	CO7221	16.09	32 1-	4ACSR	0	0	265	117	94	13	10	0.03	6.67	5
CO7223	CO7222	16.21	31 1-	4ACSR	0	0	262	116	93	13	10	0.08	6.75	12
CO7258	CO7223	16.25	30 1-	4ACSR	0	0	261	116	92	13	10	0.02	6.77	4
CO8363	CO7258	16.52	30 1-	4ACSR	0	0	254	115	92	13	10	0.18	6.95	27
CO7114	CO8363	16.54	2 1-	4ACSR	0	0	253	115	4	0	0	0.00	6.95	0
CO7115	CO7114	16.89	1 1-	4ACSR	0	0	245	113	2	0	0	0.01	6.95	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7116	CO7115	17.02	1 1-	4ACSR	0	0	242	112	2	0	0	0.00	6.96	0
CO7117	CO7116	17.04	1 1-	4ACSR	0	0	242	112	2	0	0	0.00	6.96	0
CO7118	CO7117	17.36	1 1-	4ACSR	0	0	235	111	2	0	0	0.01	6.96	0
CO7119	CO7118	17.44	1 1-	4ACSR	0	0	233	110	2	0	0	0.00	6.96	0
CO7120	CO7119	17.49	1 1-	4ACSR	0	0	232	110	2	0	0	0.00	6.96	0
CO7121	CO7120	17.54	1 1-	4ACSR	0	0	231	110	2	0	0	0.00	6.96	0
CO7101	CO8363	16.61	28 1-	4ACSR	0	0	252	114	88	13	9	0.05	7.00	8
CO7122	CO7101	16.67	28 1-	4ACSR	0	0	250	114	88	13	9	0.04	7.04	5
CO7123	CO7122	16.81	27 1-	4ACSR	0	0	247	113	83	12	9	0.08	7.12	11
CO7124	CO7123	17.06	26 1-	4ACSR	0	0	241	112	80	11	9	0.14	7.26	19
CO7128	CO7124	17.13	25 1-	4ACSR	0	0	240	112	73	10	8	0.03	7.29	4
CO7129	CO7128	17.14	24 1-	4ACSR	0	0	239	112	71	10	8	0.01	7.30	0
CO7127	CO7129	17.32	24 1-	4ACSR	0	0	236	111	71	10	8	0.09	7.39	11
CO7173	CO7127	17.33	6 1-	4ACSR	0	0	235	111	19	2	2	0.00	7.39	0
OC193	CO7173	17.33	6 1-	15 H OCR	0	0	235	111	19	2	19	0.00	7.39	0
CO7174	OC193	17.44	6 1-	4ACSR	0	0	233	110	19	2	2	0.02	7.40	0
CO7144	CO7174	17.50	6 1-	4ACSR	0	0	232	110	19	2	2	0.01	7.41	0
CO7107	CO7144	17.60	1 1-	4ACSR	0	0	230	110	4	0	0	0.00	7.41	0
CO7145	CO7144	17.80	5 1-	4ACSR	0	0	226	109	14	2	2	0.03	7.44	0
CO7146	CO7145	17.96	5 1-	4ACSR	0	0	223	108	14	2	2	0.02	7.46	0
CO7147	CO7146	18.09	5 1-	4ACSR	0	0	220	107	14	2	2	0.01	7.47	0
CO7148	CO7147	18.18	5 1-	4ACSR	0	0	218	107	14	2	2	0.01	7.48	0
CO7149	CO7148	18.29	5 1-	4ACSR	0	0	217	106	14	2	2	0.01	7.49	0
CO7156	CO7149	18.33	4 1-	4ACSR	0	0	216	106	2	0	0	0.00	7.49	0
CO7157	CO7156	18.48	4 1-	4ACSR	0	0	213	106	2	0	0	0.00	7.49	0
CO7169	CO7157	18.60	3 1-	4ACSR	0	0	211	105	1	0	0	0.00	7.49	0
CO7170	CO7169	18.87	2 1-	4ACSR	0	0	206	104	1	0	0	0.00	7.50	0
CO7171	CO7170	18.95	2 1-	4ACSR	0	0	205	103	1	0	0	0.00	7.50	0
CO7105	CO7171	18.99	1 1-	4ACSR	0	0	205	103	0	0	0	0.00	7.50	0
CO7104	CO7171	19.19	1 1-	4ACSR	0	0	201	102	1	0	0	0.00	7.50	0
CO7158	CO7157	18.76	1 1-	4ACSR	0	0	208	104	0	0	0	0.00	7.49	0
CO7159	CO7158	18.84	1 1-	4ACSR	0	0	207	104	0	0	0	0.00	7.49	0
CO7160	CO7159	19.07	1 1-	4ACSR	0	0	203	103	0	0	0	0.00	7.50	0
CO7161	CO7160	19.15	1 1-	4ACSR	0	0	202	103	0	0	0	0.00	7.50	0
CO7162	CO7161	19.17	1 1-	4ACSR	0	0	202	103	0	0	0	0.00	7.50	0
CO7163	CO7162	19.29	1 1-	4ACSR	0	0	200	102	0	0	0	0.00	7.50	0
CO7164	CO7163	19.35	1 1-	4ACSR	0	0	199	102	0	0	0	0.00	7.50	0
CO7165	CO7164	19.40	1 1-	4ACSR	0	0	198	102	0	0	0	0.00	7.50	0
CO7166	CO7165	19.46	1 1-	4ACSR	0	0	197	101	0	0	0	0.00	7.50	0
CO7167	CO7166	19.60	1 1-	4ACSR	0	0	195	101	0	0	0	0.00	7.50	0
CO7168	CO7167	19.69	1 1-	4ACSR	0	0	194	100	0	0	0	0.00	7.50	0
CO7150	CO7149	18.38	1 1-	4ACSR	0	0	215	106	12	1	1	0.01	7.50	0
CO7151	CO7150	18.49	1 1-	4ACSR	0	0	213	105	12	1	1	0.01	7.51	0
CO7152	CO7151	18.55	1 1-	4ACSR	0	0	212	105	12	1	1	0.00	7.51	0
CO7153	CO7152	18.61	1 1-	4ACSR	0	0	211	105	12	1	1	0.01	7.52	0
CO7154	CO7153	18.68	1 1-	4ACSR	0	0	210	105	12	1	1	0.01	7.52	0
CO7155	CO7154	18.75	1 1-	4ACSR	0	0	209	104	12	1	1	0.00	7.53	0
CO7130	CO7127	17.35	18 1-	4ACSR	0	0	235	111	52	7	6	0.01	7.40	0
CO7131	CO7130	17.51	17 1-	4ACSR	0	0	232	110	48	7	5	0.05	7.45	4
CO7132	CO7131	17.62	17 1-	4ACSR	0	0	229	109	48	7	5	0.04	7.49	3
CO7133	CO7132	17.64	15 1-	4ACSR	0	0	229	109	38	5	4	0.00	7.49	0
CO7134	CO7133	17.66	14 1-	4ACSR	0	0	229	109	31	4	3	0.00	7.49	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7172	CO7134	17.67	14 1-	750 MCM - 42 Wi	0	0	228	109	31	4	0	0.00	7.50	0
OC194	CO7172	17.67	14 1-	10 H OCR	0	0	228	109	31	4	47	0.00	7.50	0
CO7140	OC194	17.74	7 1-	4ACSR	0	0	227	109	20	2	2	0.01	7.50	0
CO7141	CO7140	18.00	6 1-	4ACSR	0	0	222	108	20	2	2	0.04	7.54	0
CO7102	CO7141	18.18	5 1-	4ACSR	0	0	219	107	19	2	2	0.02	7.57	0
CO7142	CO7102	18.42	5 1-	4ACSR	0	0	214	106	19	2	2	0.03	7.60	0
CO7143	CO7142	18.68	5 1-	4ACSR	0	0	210	105	19	2	2	0.03	7.63	0
CO8301	CO7143	18.92	4 1-	4ACSR	0	0	206	104	17	2	2	0.02	7.65	0
CO4690	CO8301	18.99	2 1-	4ACSR	0	0	205	103	5	0	1	0.00	7.65	0
CO4691	CO4690	19.02	2 1-	4ACSR	0	0	204	103	5	0	1	0.00	7.65	0
CO4692	CO4691	19.10	0 1-	4ACSR	0	0	203	103	0	0	0	0.00	7.65	0
CO7103	CO7102	18.48	0 1-	4ACSR	0	0	213	105	0	0	0	0.00	7.57	0
CO7100	CO7103	18.56	0 1-	4ACSR	0	0	212	105	0	0	0	0.00	7.57	0
CO7108	CO7141	18.04	1 1-	4ACSR	0	0	221	107	0	0	0	0.00	7.54	0
CO7135	OC194	17.73	7 1-	4ACSR	0	0	227	109	12	1	1	0.01	7.50	0
CO7136	CO7135	17.80	7 1-	4ACSR	0	0	226	109	12	1	1	0.01	7.51	0
CO7137	CO7136	17.91	6 1-	4ACSR	0	0	224	108	11	1	1	0.01	7.51	0
CO7111	CO7137	17.96	3 1-	4ACSR	0	0	223	108	3	0	0	0.00	7.52	0
CO7138	CO7137	18.01	3 1-	4ACSR	0	0	222	108	8	1	1	0.01	7.52	0
CO-1432945604	CO7138	18.06	1 1-	2ACSR	0	0	221	107	2	0	0	0.00	7.52	0
CO7139	CO7138	18.33	2 1-	4ACSR	0	0	216	106	6	0	1	0.01	7.53	0
CO7110	CO7139	18.49	1 1-	4ACSR	0	0	213	105	5	0	1	0.00	7.54	0
CO7109	CO7139	18.38	1 1-	4ACSR	0	0	215	106	1	0	0	0.00	7.53	0
CO7125	CO7124	17.14	1 1-	4ACSR	0	0	239	112	7	1	1	0.00	7.26	0
CO7126	CO7125	17.16	1 1-	4ACSR	0	0	239	112	7	1	1	0.00	7.26	0
CO7106	CO7101	16.64	0 1-	4ACSR	0	0	251	114	0	0	0	0.00	7.00	0
CO7241	CO7223	16.28	1 1-	4ACSR	0	0	260	116	0	0	0	0.00	6.75	0
CO7240	CO7222	16.16	1 1-	4ACSR	0	0	263	117	1	0	0	0.00	6.67	0
CO7220	CO7247	16.11	14 1-	4ACSR	0	0	264	117	70	10	7	0.05	6.66	6
CO7304	CO7220	16.11	12 1-	4ACSR	0	0	264	117	58	8	6	0.00	6.66	0
OC195	CO7304	16.11	12 1-	10 H OCR	0	0	264	117	58	8	86	0.00	6.66	0
CO7305	OC195	16.40	12 1-	4ACSR	0	0	257	115	58	8	6	0.11	6.78	11
CO7238	CO7305	16.45	0 1-	4ACSR	0	0	256	115	0	0	0	0.00	6.78	0
CO7288	CO7305	16.56	12 1-	4ACSR	0	0	253	115	58	8	6	0.06	6.84	6
CO7289	CO7288	16.80	11 1-	4ACSR	0	0	247	113	58	8	6	0.10	6.94	10
CO7248	CO7289	16.90	0 1-	4ACSR	0	0	245	113	0	0	0	0.00	6.94	0
CO7290	CO7248	16.96	0 1-	4ACSR	0	0	244	113	0	0	0	0.00	6.94	0
CO7291	CO7290	17.05	0 1-	4ACSR	0	0	241	112	0	0	0	0.00	6.94	0
CO7249	CO7291	17.15	0 1-	4ACSR	0	0	239	112	0	0	0	0.00	6.94	0
CO7292	CO7289	16.97	11 1-	4ACSR	0	0	243	113	58	8	6	0.07	7.01	6
CO7308	CO7292	17.09	10 1-	4ACSR	0	0	241	112	54	7	6	0.04	7.05	4
CO7250	CO7308	17.14	10 1-	4ACSR	0	0	239	112	54	7	6	0.02	7.07	0
CO7251	CO7250	17.24	8 1-	4ACSR	0	0	237	111	39	5	4	0.03	7.10	0
CO7293	CO7251	17.36	7 1-	4ACSR	0	0	235	111	37	5	4	0.03	7.13	0
CO7294	CO7293	17.41	7 1-	4ACSR	0	0	234	110	37	5	4	0.01	7.14	0
CO7252	CO7294	17.51	6 1-	4ACSR	0	0	232	110	34	5	4	0.02	7.16	0
CO7253	CO7252	17.73	6 1-	4ACSR	0	0	227	109	34	5	4	0.05	7.22	3
CO7302	CO7253	17.80	6 1-	4ACSR	0	0	226	109	34	5	4	0.02	7.23	0
CO7243	CO7302	17.86	2 1-	2ACSR	0	0	225	108	10	1	1	0.00	7.23	0
CO7303	CO7302	17.88	4 1-	4ACSR	0	0	224	108	24	3	3	0.01	7.25	0
CO7301	CO7303	18.06	3 1-	4ACSR	0	0	221	107	19	2	2	0.02	7.27	0
CO7297	CO7301	18.11	3 1-	4ACSR	0	0	220	107	19	2	2	0.01	7.28	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7298	CO7297	18.41	3 1-	4ACSR	0	0	214	106	19	2	2	0.04	7.31	0
CO7295	CO7298	18.45	3 1-	4ACSR	0	0	214	106	19	2	2	0.00	7.32	0
CO7296	CO7295	18.61	2 1-	4ACSR	0	0	211	105	16	2	2	0.02	7.34	0
CO7254	CO7296	18.92	2 1-	4ACSR	0	0	206	104	16	2	2	0.04	7.37	0
CO7256	CO7254	19.03	1 1-	2ACSR	0	0	204	103	5	0	0	0.00	7.38	0
CO7257	CO7256	19.17	1 1-	2ACSR	0	0	203	103	5	0	0	0.00	7.38	0
CO7255	CO7254	19.04	1 1-	4ACSR	0	0	204	103	12	1	1	0.00	7.38	0
CO7231	CO7250	17.20	2 1-	4ACSR	0	0	238	111	15	2	2	0.00	7.07	0
CO7237	CO7220	16.22	1 1-	4ACSR	0	0	261	116	6	0	1	0.00	6.66	0
CO7286	CO7245	15.71	2 1-	4ACSR	0	0	275	119	7	1	1	0.00	6.23	0
CO7287	CO7286	15.76	1 1-	4ACSR	0	0	274	119	2	0	0	0.00	6.23	0
CO7235	CO7283	15.12	2 1-	4ACSR	0	0	293	123	3	0	0	0.00	5.45	0
CO7234	CO7218	14.39	2 1-	4ACSR	0	0	319	127	8	1	1	0.00	4.45	0
CO7177	CO7175	13.89	1 1-	4ACSR	0	0	339	130	3	0	0	0.00	3.64	0
CO17804	CO17760	12.84	2 1-	4ACSR	0	0	389	138	2	0	0	0.00	2.08	0
CO17805	CO17804	12.88	1 1-	4ACSR	0	0	386	137	2	0	0	0.00	2.08	0
CO17769	CO17759	12.61	1 1-	4ACSR	0	0	401	139	0	0	0	0.00	1.78	0
CO17800	CO17799	12.41	2 1-	4ACSR	0	0	413	141	2	0	0	0.00	1.45	0
CO17801	CO17800	12.45	1 1-	4ACSR	0	0	410	140	0	0	0	0.00	1.45	0
CO17802	CO17801	12.47	1 1-	4ACSR	0	0	409	140	0	0	0	0.00	1.45	0
CO17803	CO17802	12.56	1 1-	4ACSR	0	0	404	140	0	0	0	0.00	1.45	0
CO17768	CO17758	12.19	1 1-	4ACSR	0	0	426	142	3	0	0	0.00	1.09	0
CO17767	CO17757	11.99	1 1-	4ACSR	0	0	439	144	15	2	1	0.00	0.77	0
CO17831	CO17796	11.80	14 1-	4ACSR	0	0	452	146	30	4	3	0.00	0.56	0
OC538	CO17831	11.80	14 1-	25 H OCR	0	0	452	146	30	4	17	0.00	0.56	0
CO17832	OC538	11.88	14 1-	4ACSR	0	0	446	145	30	4	3	0.02	0.57	0
CO17766	CO17832	11.94	1 1-	4ACSR	0	0	443	144	9	1	1	0.00	0.58	0
CO17806	CO17832	12.19	13 1-	4ACSR	0	0	426	142	22	3	2	0.04	0.62	0
CO17807	CO17806	12.36	13 1-	4ACSR	0	0	416	141	22	3	2	0.02	0.64	0
CO17808	CO17807	12.49	13 1-	4ACSR	0	0	408	140	22	3	2	0.02	0.66	0
CO17809	CO17808	12.62	13 1-	4ACSR	0	0	400	139	22	3	2	0.02	0.68	0
CO17819	CO17809	12.78	9 1-	4ACSR	0	0	392	138	5	0	1	0.01	0.69	0
CO30637	CO17819	13.08	9 1-	4ACSR	0	0	376	136	5	0	1	0.01	0.70	0
CO7183	CO30637	13.39	9 1-	4ACSR	0	0	361	134	5	0	1	0.01	0.71	0
CO7184	CO7183	13.41	9 1-	4ACSR	0	0	360	133	5	0	1	0.00	0.71	0
CO7185	CO7184	13.73	9 1-	4ACSR	0	0	345	131	5	0	1	0.01	0.72	0
CO7186	CO7185	13.84	9 1-	4ACSR	0	0	341	131	5	0	1	0.00	0.72	0
CO7187	CO7186	13.97	9 1-	4ACSR	0	0	335	130	5	0	1	0.00	0.73	0
CO7188	CO7187	14.13	9 1-	4ACSR	0	0	329	129	5	0	1	0.01	0.73	0
CO7189	CO7188	14.31	9 1-	4ACSR	0	0	322	127	5	0	1	0.01	0.74	0
CO7190	CO7189	14.38	9 1-	4ACSR	0	0	319	127	5	0	1	0.00	0.74	0
CO7191	CO7190	14.58	9 1-	4ACSR	0	0	312	126	5	0	1	0.01	0.75	0
CO7192	CO7191	14.81	9 1-	4ACSR	0	0	304	124	5	0	1	0.01	0.76	0
CO7193	CO7192	14.91	9 1-	4ACSR	0	0	300	124	5	0	1	0.00	0.76	0
CO7194	CO7193	14.99	9 1-	4ACSR	0	0	297	123	5	0	1	0.00	0.76	0
CO7195	CO7194	15.03	9 1-	4ACSR	0	0	296	123	5	0	1	0.00	0.76	0
CO7196	CO7195	15.07	8 1-	4ACSR	0	0	295	123	5	0	1	0.00	0.76	0
CO7197	CO7196	15.12	8 1-	4ACSR	0	0	293	123	5	0	1	0.00	0.77	0
CO7198	CO7197	15.21	7 1-	4ACSR	0	0	290	122	1	0	0	0.00	0.77	0
CO7199	CO7198	15.30	6 1-	4ACSR	0	0	287	121	1	0	0	0.00	0.77	0
CO7200	CO7199	15.37	6 1-	4ACSR	0	0	285	121	1	0	0	0.00	0.77	0
CO7201	CO7200	15.40	4 1-	4ACSR	0	0	285	121	0	0	0	0.00	0.77	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8362	CO7201	15.41	4 1-	4ACSR	0	0	284	121	0	0	0	0.00	0.77	0
CO7079	CO8362	15.50	4 1-	4ACSR	0	0	282	120	0	0	0	0.00	0.77	0
CO7080	CO7079	15.55	4 1-	4ACSR	0	0	280	120	0	0	0	0.00	0.77	0
CO7081	CO7080	15.68	4 1-	4ACSR	0	0	276	119	0	0	0	0.00	0.77	0
CO7082	CO7081	15.81	4 1-	4ACSR	0	0	272	119	0	0	0	0.00	0.77	0
CO7083	CO7082	15.89	4 1-	4ACSR	0	0	270	118	0	0	0	0.00	0.77	0
CO7078	CO7083	15.97	1 1-	4ACSR	0	0	268	118	0	0	0	0.00	0.77	0
CO7084	CO7083	15.99	3 1-	4ACSR	0	0	268	118	0	0	0	0.00	0.77	0
CO7085	CO7084	16.05	2 1-	4ACSR	0	0	266	117	0	0	0	0.00	0.77	0
CO7086	CO7085	16.17	1 1-	4ACSR	0	0	263	117	0	0	0	0.00	0.77	0
CO17810	CO17809	12.70	4 1-	4ACSR	0	0	396	139	16	2	2	0.00	0.68	0
CO17811	CO17810	12.74	3 1-	4ACSR	0	0	394	138	0	0	0	0.00	0.68	0
CO17812	CO17811	12.79	2 1-	4ACSR	0	0	391	138	0	0	0	0.00	0.68	0
CO17813	CO17812	12.90	2 1-	4ACSR	0	0	385	137	0	0	0	0.00	0.68	0
CO17814	CO17813	12.97	2 1-	4ACSR	0	0	382	137	0	0	0	0.00	0.68	0
CO17815	CO17814	13.03	2 1-	4ACSR	0	0	378	136	0	0	0	0.00	0.68	0
CO17816	CO17815	13.09	2 1-	4ACSR	0	0	375	136	0	0	0	0.00	0.68	0
CO17817	CO17816	13.21	2 1-	4ACSR	0	0	369	135	0	0	0	0.00	0.68	0
CO17818	CO17817	13.36	2 1-	4ACSR	0	0	362	134	0	0	0	0.00	0.68	0
CO-130678255	CO17818	13.49	1 1-	2ACSR	0	0	357	133	0	0	0	0.00	0.68	0
CO1670055075	CO-130678255	13.73	1 1-	2ACSR	0	0	349	132	0	0	0	0.00	0.68	0
CO-1500553810	CO1670055075	13.93	1 1-	2ACSR	0	0	342	131	0	0	0	0.00	0.68	0
CO1636660624	CO-1500553810	14.10	0 1-	2ACSR	0	0	336	130	0	0	0	0.00	0.68	0
CO17763	CO17756	10.58	1 1-	4ACSR	0	0	550	156	3	0	0	0.00	5.29	0
CO17761	CO17820	10.47	71 1-	4ACSR	0	0	560	157	214	31	22	0.08	5.19	28
CO17788	CO17761	10.64	67 1-	4ACSR	0	0	545	156	187	27	20	0.21	5.40	65
CO17789	CO17788	10.65	65 1-	4ACSR	0	0	544	156	183	26	19	0.02	5.42	5
CO17787	CO17789	10.81	65 1-	4ACSR	0	0	530	154	183	26	19	0.20	5.61	60
CO17786	CO17787	11.06	64 1-	4ACSR	0	0	508	152	183	26	19	0.32	5.93	97
CO17827	CO17786	11.06	63 1-	4ACSR	0	0	508	152	182	26	19	0.01	5.94	3
OC540	CO17827	11.06	63 1-	50 H OCR	0	0	508	152	182	26	54	0.00	5.94	0
CO17828	OC540	11.21	63 1-	4ACSR	0	0	496	151	182	26	19	0.18	6.12	55
CO17785	CO17828	11.22	62 1-	4ACSR	0	0	495	151	177	26	19	0.01	6.13	4
CO17784	CO17785	11.30	62 1-	4ACSR	0	0	489	150	177	26	19	0.10	6.24	30
CO17780	CO17784	11.71	60 1-	4ACSR	0	0	458	146	175	25	18	0.49	6.72	140
CO17781	CO17780	11.81	59 1-	4ACSR	0	0	451	146	166	24	18	0.11	6.84	32
CO17773	CO17781	11.85	1 1-	4ACSR	0	0	449	145	13	1	1	0.00	6.84	0
CO17762	CO17781	11.85	58 1-	4ACSR	0	0	448	145	153	22	16	0.05	6.88	12
CO17774	CO17762	11.89	0 1-	4ACSR	0	0	446	145	0	0	0	0.00	6.88	0
CO17778	CO17762	11.92	58 1-	4ACSR	0	0	444	145	153	22	16	0.07	6.96	19
CO17779	CO17778	12.07	58 1-	4ACSR	0	0	434	143	153	22	16	0.16	7.12	41
CO17776	CO17779	12.18	1 1-	2ACSR	0	0	428	143	1	0	0	0.00	7.12	0
CO17777	CO17776	12.27	1 1-	2ACSR	0	0	424	142	1	0	0	0.00	7.12	0
CO17775	CO17779	12.10	57 1-	4ACSR	0	0	432	143	152	22	16	0.02	7.14	6
CO30545	CO17775	12.16	56 1-	4ACSR	0	0	428	143	145	21	15	0.06	7.20	15
CO23827	CO30545	12.24	54 1-	4ACSR	0	0	423	142	135	20	14	0.08	7.28	17
CO17898	CO23827	12.39	52 1-	4ACSR	0	0	414	141	128	19	14	0.13	7.41	27
CO17900	CO17898	12.43	50 1-	4ACSR	0	0	411	141	120	17	13	0.03	7.44	6
CO17899	CO17900	12.53	49 1-	4ACSR	0	0	405	140	111	16	12	0.08	7.52	14
CO17947	CO17899	12.54	11 1-	4ACSR	0	0	405	140	9	1	1	0.00	7.52	0
OC541	CO17947	12.54	11 1-	25 H OCR	0	0	405	140	9	1	6	0.00	7.52	0
CO17948	OC541	12.89	11 1-	4ACSR	0	0	386	137	9	1	1	0.02	7.54	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17901	CO17948	13.11	11 1-	4ACSR	0	0	374	136	9	1	1	0.01	7.56	0
CO17904	CO17901	13.23	0 1-	4ACSR	0	0	369	135	0	0	0	0.00	7.56	0
CO23826	CO17904	13.29	0 1-	4ACSR	0	0	365	134	0	0	0	0.00	7.56	0
CO18063	CO23826	13.42	0 1-	4ACSR	0	0	359	133	0	0	0	0.00	7.56	0
CO18091	CO18063	13.54	0 1-	4ACSR	0	0	354	133	0	0	0	0.00	7.56	0
CO18092	CO18091	13.61	0 1-	4ACSR	0	0	351	132	0	0	0	0.00	7.56	0
CO18064	CO18092	13.73	0 1-	4ACSR	0	0	346	131	0	0	0	0.00	7.56	0
CO17902	CO17901	13.15	11 1-	4ACSR	0	0	372	135	9	1	1	0.00	7.56	0
CO17903	CO17902	13.26	10 1-	4ACSR	0	0	367	134	9	1	1	0.01	7.57	0
CO23825	CO17903	13.34	9 1-	4ACSR	0	0	363	134	8	1	1	0.00	7.57	0
CO18093	CO23825	13.54	8 1-	4ACSR	0	0	354	133	6	0	1	0.01	7.58	0
CO18042	CO18093	13.84	8 1-	4ACSR	0	0	341	131	6	0	1	0.01	7.59	0
CO18043	CO18042	13.92	8 1-	4ACSR	0	0	337	130	6	0	1	0.00	7.59	0
CO30548	CO18043	14.06	8 1-	4ACSR	0	0	332	129	6	0	1	0.01	7.60	0
CO18065	CO30548	14.41	8 1-	4ACSR	0	0	318	127	6	0	1	0.01	7.61	0
CO18050	CO18065	14.47	1 1-	4ACSR	0	0	316	126	1	0	0	0.00	7.61	0
CO18094	CO18065	14.46	7 1-	4ACSR	0	0	316	127	5	0	1	0.00	7.61	0
CO18095	CO18094	14.70	7 1-	4ACSR	0	0	307	125	5	0	1	0.00	7.62	0
CO18096	CO18095	14.79	4 1-	4ACSR	0	0	304	124	0	0	0	0.00	7.62	0
CO18097	CO18096	15.00	2 1-	4ACSR	0	0	297	123	0	0	0	0.00	7.62	0
CO18049	CO18043	13.98	0 1-	4ACSR	0	0	335	130	0	0	0	0.00	7.59	0
CO18048	CO18042	13.88	0 1-	4ACSR	0	0	339	130	0	0	0	0.00	7.59	0
CO18047	CO18093	13.62	0 1-	4ACSR	0	0	350	132	0	0	0	0.00	7.58	0
CO17906	CO17899	12.57	36 1-	4ACSR	0	0	404	140	96	14	10	0.02	7.54	3
CO17905	CO17906	12.63	35 1-	4ACSR	0	0	400	139	92	13	10	0.04	7.58	6
CO17939	CO17905	12.72	3 1-	4ACSR	0	0	395	138	14	2	2	0.01	7.59	0
CO17940	CO17939	12.76	1 1-	4ACSR	0	0	393	138	4	0	0	0.00	7.59	0
CO17907	CO17905	12.71	30 1-	4ACSR	0	0	396	139	75	11	8	0.04	7.62	5
CO17908	CO17907	12.77	29 1-	4ACSR	0	0	392	138	75	11	8	0.03	7.65	4
CO17860	CO17908	12.83	1 1-	2ACSR	0	0	390	138	1	0	0	0.00	7.65	0
CO17909	CO17908	12.82	28 1-	4ACSR	0	0	390	138	74	11	8	0.03	7.68	3
CO17840	CO17909	12.88	27 1-	4ACSR	0	0	386	137	68	10	7	0.03	7.71	4
CO17941	CO17840	12.90	2 1-	4ACSR	0	0	385	137	3	0	0	0.00	7.71	0
CO17942	CO17941	13.00	1 1-	4ACSR	0	0	380	136	0	0	0	0.00	7.71	0
CO17841	CO17840	12.96	25 1-	4ACSR	0	0	382	137	66	9	7	0.03	7.74	4
CO17915	CO17841	13.11	9 1-	4ACSR	0	0	375	136	25	3	3	0.03	7.77	0
CO17911	CO17915	13.17	8 1-	4ACSR	0	0	372	135	24	3	3	0.01	7.78	0
CO17913	CO17911	13.23	6 1-	4ACSR	0	0	369	135	19	2	2	0.01	7.79	0
CO17914	CO17913	13.33	4 1-	4ACSR	0	0	364	134	11	1	1	0.01	7.79	0
CO17912	CO17914	13.39	3 1-	4ACSR	0	0	361	134	4	0	0	0.00	7.79	0
CO17917	CO17912	13.63	3 1-	4ACSR	0	0	350	132	4	0	0	0.01	7.80	0
CO17916	CO17917	13.64	2 1-	4ACSR	0	0	349	132	4	0	0	0.00	7.80	0
CO17910	CO17916	13.83	2 1-	4ACSR	0	0	341	131	4	0	0	0.01	7.81	0
CO17918	CO17910	14.02	2 1-	4ACSR	0	0	333	129	4	0	0	0.01	7.81	0
CO17921	CO17918	14.13	1 1-	4ACSR	0	0	329	129	2	0	0	0.00	7.81	0
CO17920	CO17921	14.32	1 1-	4ACSR	0	0	321	127	2	0	0	0.00	7.82	0
CO17922	CO17920	14.59	1 1-	4ACSR	0	0	311	126	2	0	0	0.00	7.82	0
CO17919	CO17922	14.76	1 1-	4ACSR	0	0	305	125	2	0	0	0.00	7.82	0
CO18066	CO17919	14.83	1 1-	4ACSR	0	0	303	124	2	0	0	0.00	7.82	0
CO18067	CO18066	14.91	1 1-	4ACSR	0	0	300	124	2	0	0	0.00	7.82	0
CO18100	CO18067	15.13	1 1-	4ACSR	0	0	293	122	2	0	0	0.00	7.83	0
CO18068	CO18100	15.23	1 1-	4ACSR	0	0	290	122	2	0	0	0.00	7.83	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18069	CO18068	15.36	1 1-	4ACSR	0	0	286	121	2	0	0	0.00	7.83	0
CO18070	CO18069	15.42	1 1-	4ACSR	0	0	284	121	2	0	0	0.00	7.83	0
CO18071	CO18070	15.49	1 1-	4ACSR	0	0	282	120	2	0	0	0.00	7.83	0
CO18072	CO18071	15.55	1 1-	4ACSR	0	0	280	120	2	0	0	0.00	7.83	0
CO18073	CO18072	15.65	1 1-	4ACSR	0	0	277	120	2	0	0	0.00	7.83	0
CO17855	CO17918	14.13	1 1-	4ACSR	0	0	329	129	2	0	0	0.00	7.81	0
CO17925	CO17841	13.12	15 1-	4ACSR	0	0	374	135	39	5	4	0.04	7.79	3
CO730487281	CO17925	13.17	1 1-	2ACSR	0	0	372	135	2	0	0	0.00	7.79	0
CO17924	CO17925	13.14	14 1-	4ACSR	0	0	373	135	37	5	4	0.01	7.79	0
CO17923	CO17924	13.48	14 1-	4ACSR	0	0	357	133	37	5	4	0.09	7.88	6
CO17842	CO17923	13.56	13 1-	4ACSR	0	0	353	132	34	5	4	0.02	7.90	0
CO17857	CO17842	13.70	2 1-	4ACSR	0	0	347	131	9	1	1	0.00	7.91	0
CO17843	CO17842	13.64	11 1-	4ACSR	0	0	349	132	25	3	3	0.01	7.92	0
CO17844	CO17843	13.80	9 1-	4ACSR	0	0	342	131	23	3	2	0.02	7.94	0
CO17859	CO17844	13.99	1 1-	4ACSR	0	0	334	130	11	1	1	0.01	7.95	0
CO17845	CO17844	13.89	8 1-	4ACSR	0	0	338	130	12	1	1	0.01	7.95	0
CO17943	CO17845	13.92	4 1-	4ACSR	0	0	337	130	8	1	1	0.00	7.95	0
CO17944	CO17943	13.93	4 1-	4ACSR	0	0	337	130	8	1	1	0.00	7.95	0
CO17951	CO17944	13.95	0 1-	4ACSR	0	0	336	130	0	0	0	0.00	7.95	0
CO17952	CO17951	13.96	0 1-	4ACSR	0	0	336	130	0	0	0	0.00	7.95	0
CO17928	CO17845	14.08	4 1-	4ACSR	0	0	331	129	4	0	0	0.00	7.95	0
CO17926	CO17928	14.18	4 1-	4ACSR	0	0	327	128	4	0	0	0.00	7.96	0
CO17927	CO17926	14.25	2 1-	4ACSR	0	0	324	128	3	0	0	0.00	7.96	0
CO17929	CO17927	15.10	1 1-	4ACSR	0	0	294	123	3	0	0	0.01	7.97	0
CO17950	CO17929	15.14	0 1-	4ACSR	0	0	292	122	0	0	0	0.00	7.97	0
CO17858	CO17843	13.78	2 1-	4ACSR	0	0	343	131	2	0	0	0.00	7.92	0
CO17856	CO17923	13.61	1 1-	4ACSR	0	0	350	132	3	0	0	0.00	7.88	0
CO17854	CO17909	12.89	1 1-	4ACSR	0	0	386	137	6	0	1	0.00	7.68	0
CO17861	CO17898	12.45	1 1-	2ACSR	0	0	411	141	0	0	0	0.00	7.41	0
CO17783	CO17784	11.39	2 1-	4ACSR	0	0	482	149	3	0	0	0.00	6.24	0
CO17782	CO17783	11.44	1 1-	4ACSR	0	0	478	149	0	0	0	0.00	6.24	0
CO17772	CO17786	11.12	1 1-	4ACSR	0	0	503	151	1	0	0	0.00	5.93	0
CO17771	CO17761	10.55	3 1-	4ACSR	0	0	553	157	18	2	2	0.01	5.20	0
CO-1871087989	CO17771	10.59	1 1-	2ACSR	0	0	550	156	15	2	1	0.00	5.20	0
CO17770	CO17761	10.57	1 1-	4ACSR	0	0	551	156	10	1	1	0.00	5.19	0
CO17825	CO23828	9.94	4 1-	4ACSR	0	0	598	160	9	1	1	0.00	4.83	0
CO17826	CO17825	9.99	2 1-	4ACSR	0	0	593	159	1	0	0	0.00	4.83	0
CO1531049559	CO17826	10.12	1 1-	2ACSR	0	0	582	158	0	0	0	0.00	4.83	0
CO-1014790615	CO1531049559	10.39	1 1-	2ACSR	0	0	559	157	0	0	0	0.00	4.83	0
CO17972	CO17956	9.44	0 1-	4ACSR	0	0	640	162	0	0	0	0.00	4.57	0
CO17971	CO17955	9.31	0 1-	4ACSR	0	0	651	163	0	0	0	0.00	4.50	0
CO17970	CO17954	9.03	1 1-	4ACSR	0	0	677	164	9	1	1	0.00	4.35	0
CO17980	CO17962	8.51	0 1-	4ACSR	0	0	734	167	0	0	0	0.00	4.12	0
CO17979	CO17961	8.33	0 1-	4ACSR	0	0	750	167	0	0	0	0.00	3.94	0
CO18006	CO18036	8.13	3 1-	4ACSR	0	0	776	169	16	2	2	0.01	3.88	0
CO18007	CO18006	8.21	1 1-	4ACSR	0	0	765	168	10	1	1	0.00	3.88	0
CO17978+	CO17958	7.87	1 1-	4ACSR	0	0	933	304	8	0	0	0.00	2.90	0
CO17977+	CO18021	7.60	1 1-	4ACSR	0	0	958	306	28	1	1	0.00	2.83	0
CO18004+	CO18021	7.63	4 1-	4ACSR	0	0	954	306	14	0	1	0.00	2.83	0
CO17976+	CO18004	7.68	2 1-	4ACSR	0	0	947	305	5	0	0	0.00	2.83	0
CO18005+	CO18004	7.66	1 1-	4ACSR	0	0	949	305	1	0	0	0.00	2.83	0
CO17975+	CO17957	7.38	1 1-	4ACSR	0	0	978	308	55	3	3	0.00	2.76	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17974+	CO18028	7.40	1 1-	4ACSR	0	0	972	307	9	0	0	0.00	2.74	0
CO17989+	CO17988	6.06	4 1-	4ACSR	0	0	1103	315	13	0	1	0.00	2.27	0
CO18015+	CO17989	6.11	4 1-	4ACSR	0	0	1095	314	13	0	1	0.00	2.27	0
CO23785+	CO18015	6.17	1 1-	4ACSR	0	0	1084	313	6	0	0	0.00	2.28	0
CO19907+	CO23785	6.25	1 1-	2ACSR	0	0	1073	312	6	0	0	0.00	2.28	0
CO19908+	CO19907	6.41	1 1-	2ACSR	0	0	1050	310	6	0	0	0.00	2.28	0
CO19909+	CO19908	6.47	1 1-	2ACSR	0	0	1041	309	6	0	0	0.00	2.28	0
CO23784+	CO18010	5.45	2 1-	4ACSR	0	0	1175	319	3	0	0	0.00	2.05	0
CO19941+	CO23784	5.59	2 1-	4ACSR	0	0	1147	316	3	0	0	0.00	2.05	0
CO19898+	CO19941	5.65	1 1-	4ACSR	0	0	1134	315	0	0	0	0.00	2.05	0
CO19899+	CO19898	5.70	1 1-	4ACSR	0	0	1124	314	0	0	0	0.00	2.05	0
CO19900+	CO19899	5.77	1 1-	4ACSR	0	0	1111	313	0	0	0	0.00	2.05	0
CO23782+	CO19863	5.37	1 1-	4ACSR	0	0	1163	316	1	0	0	0.00	1.92	0
CO23794+	CO23782	5.52	1 1-	4ACSR	0	0	1132	313	1	0	0	0.00	1.92	0
CO18089+	CO23794	5.62	0 1-	4ACSR	0	0	1113	311	0	0	0	0.00	1.92	0
CO18090+	CO18089	5.65	0 1-	4ACSR	0	0	1107	310	0	0	0	0.00	1.92	0
CO18062+	CO18090	6.01	0 1-	4ACSR	0	0	1040	304	0	0	0	0.00	1.92	0
CO19868+	CO19911	4.97	1 1-	4ACSR	0	0	1240	322	0	0	0	0.00	1.88	0
CO19978+	CO20014	3.91	1 1-	4ACSR	0	0	1404	328	0	0	0	0.00	1.48	0
CO20089+	CO20074	3.77	5 1-	4ACSR	0	0	1431	329	17	1	1	0.00	1.43	0
CO20090+	CO20089	3.78	1 1-	4ACSR	0	0	1427	329	5	0	0	0.00	1.43	0
CO20075+	CO20090	3.79	1 1-	4ACSR	0	0	1425	329	5	0	0	0.00	1.43	0
CO20038+	CO20089	3.86	4 1-	4ACSR	0	0	1405	328	12	0	1	0.00	1.43	0
CO20039+	CO20038	3.90	2 1-	4ACSR	0	0	1394	327	7	0	0	0.00	1.43	0
CO20006+	CO19960	3.24	3 1-	4ACSR	0	0	1531	332	7	0	0	0.00	1.22	0
CO20007+	CO20006	3.47	3 1-	4ACSR	0	0	1460	328	7	0	0	0.00	1.23	0
CO20008+	CO20007	3.55	2 1-	4ACSR	0	0	1432	326	4	0	0	0.00	1.23	0
CO20009+	CO20008	3.61	1 1-	4ACSR	0	0	1415	325	2	0	0	0.00	1.23	0
CO20010+	CO20009	3.64	1 1-	4ACSR	0	0	1407	324	2	0	0	0.00	1.23	0
CO20071+	CO19958	2.64	4 1-	4ACSR	0	0	1661	335	2	0	0	0.00	0.97	0
CO20072+	CO20071	2.68	4 1-	4ACSR	0	0	1648	335	2	0	0	0.00	0.97	0
CO20035+	CO20072	2.81	2 1-	4ACSR	0	0	1598	332	1	0	0	0.00	0.97	0
CO20036+	CO20035	2.93	1 1-	4ACSR	0	0	1553	329	0	0	0	0.00	0.97	0
CO20037+	CO20036	3.01	1 1-	4ACSR	0	0	1526	328	0	0	0	0.00	0.97	0
CO20264+	CO20329	2.14	0 1-	4ACSR	0	0	1804	339	0	0	0	0.00	0.80	0
CO20262+	CO20243	0.63	2 1-	4ACSR	0	0	2355	348	4	0	0	0.00	0.20	0
CO20415+	CO20413	0.01	1379 3-	750 MCM - 42 Wi	2530	2711	2720	354	7544	169	15	0.00	0.01	10
Vanceburg+	CO20415	0.01	1379 3-	560 200WVE	2530	2711	2720	354	7544	169	30	0.00	0.01	0
CO20314+	Vanceburg	0.04	1379 3-	397ACSR	2521	2696	2704	353	7544	169	29	0.01	0.02	132
CO20315+	CO20314	0.16	1379 3-	397ACSR	2487	2640	2645	353	7543	169	29	0.06	0.08	500
CO20313+	CO20315	0.25	1379 3-	397ACSR	2464	2600	2604	353	7541	169	29	0.04	0.12	364
CO20422+	CO20313	0.25	4 1-	4ACSR	0	0	2599	353	8	0	0	0.00	0.12	0
OC610+	CO20422	0.25	4 1-	10 N FUSE	0	0	2599	353	8	0	6	0.00	0.12	0
CO20423+	OC610	0.43	4 1-	4ACSR	0	0	2457	348	8	0	0	0.00	0.12	0
CO20308+	CO20423	0.51	4 1-	4ACSR	0	0	2400	347	8	0	0	0.00	0.12	0
CO20309+	CO20308	0.59	4 1-	4ACSR	0	0	2343	345	8	0	0	0.00	0.12	0
CO20310+	CO20309	0.66	3 1-	4ACSR	0	0	2287	343	8	0	0	0.00	0.12	0
CO20311+	CO20310	0.74	3 1-	4ACSR	0	0	2233	342	8	0	0	0.00	0.12	0
CO20312+	CO20311	0.80	3 1-	4ACSR	0	0	2187	340	8	0	0	0.00	0.12	0
CO20306+	CO20312	0.33	1375 3-	397ACSR	2440	2562	2563	352	7531	168	29	0.04	0.16	369
CO20307+	CO20306	0.39	1375 3-	397ACSR	2425	2538	2538	352	7529	168	29	0.03	0.19	235

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
CO20305+	CO20307	0.44	1373	3-	397ACSR	2410	2516	2514	352	7525	168	29	0.03	0.21	226
CO20299+	CO20305	0.49	1373	3-	397ACSR	2397	2496	2492	352	7524	168	29	0.02	0.24	210
CO20241+	CO20299	0.54	9	1-	4ACSR	0	0	2455	351	26	1	1	0.00	0.24	0
CO20301+	CO20241	0.56	2	1-	4ACSR	0	0	2438	350	9	0	0	0.00	0.24	0
CO20302+	CO20301	0.58	1	1-	4ACSR	0	0	2426	350	1	0	0	0.00	0.24	0
CO20300+	CO20302	0.59	1	1-	4ACSR	0	0	2417	349	1	0	0	0.00	0.24	0
CO20303+	CO20241	0.56	6	1-	4ACSR	0	0	2440	350	11	0	1	0.00	0.24	0
CO20304+	CO20303	0.61	4	1-	4ACSR	0	0	2404	349	6	0	0	0.00	0.24	0
CO20297+	CO20299	0.74	1362	3-	397ACSR	2332	2398	2385	351	7494	168	29	0.12	0.36	1078
CO20298+	CO20297	0.77	1362	3-	397ACSR	2324	2386	2372	351	7489	168	29	0.02	0.37	139
CO20296+	CO20298	0.92	1361	3-	397ACSR	2288	2334	2315	350	7488	168	29	0.07	0.44	625
CO20290+	CO20296	0.98	4	1-	2ACSR	0	0	2281	349	33	2	1	0.00	0.44	0
CO20267+	CO20290	1.03	1	1-	2ACSR	0	0	2252	348	7	0	0	0.00	0.44	0
CO20291+	CO20290	1.06	1	1-	2ACSR	0	0	2237	348	10	0	0	0.00	0.44	0
CO20292+	CO20291	1.12	1	1-	2ACSR	0	0	2202	347	10	0	0	0.00	0.44	0
CO20293+	CO20290	1.06	2	1-	2ACSR	0	0	2234	348	16	1	1	0.00	0.44	0
CO30586+	CO20293	1.23	1	1-	1/0PRIURD	0	0	2159	828	7	0	1	0.00	0.44	0
CO30585+	CO30586	1.26	0	1-	1/0PRIURD	0	0	2147	826	0	0	0	0.00	0.44	0
CO20432+	CO30585	1.26	0	1-	1/0PRIURD	0	0	2145	826	0	0	0	0.00	0.44	0
CO-46672579+	CO20432	1.31	0	1-	1/0PRIURD	0	0	2132	823	0	0	0	0.00	0.44	0
CO282688863+	CO-46672579	1.64	0	1-	1/0PRIURD	0	0	2039	800	0	0	0	0.00	0.44	0
CO551485412+	CO-46672579	1.33	0	1-	1/0PRIURD	0	0	2122	821	0	0	0	0.00	0.44	0
CO20265+	CO30586	1.28	1	1-	1/0PRIURD	0	0	2139	825	7	0	0	0.00	0.44	0
CO20294+	CO20293	1.17	1	1-	2ACSR	0	0	2175	346	9	0	0	0.00	0.44	0
CO20295+	CO20294	1.42	1	1-	1/0PRIURD	0	0	2069	812	9	0	0	0.00	0.44	0
CO30583+	CO20295	1.47	0	1-	1/0PRIURD	0	0	2047	809	0	0	0	0.00	0.44	0
CO20289+	CO20296	0.94	1357	3-	397ACSR	2282	2326	2305	350	7452	167	29	0.01	0.45	103
CO20420+	CO20289	0.95	6	1-	4ACSR	0	0	2301	350	21	1	1	0.00	0.45	0
OC611+	CO20420	0.95	6	1-	10 N FUSE	0	0	2301	350	21	1	14	0.00	0.45	0
CO20421+	OC611	0.97	6	1-	4ACSR	0	0	2287	349	21	1	1	0.00	0.46	0
CO20258+	CO20421	1.10	2	1-	4ACSR	0	0	2204	346	7	0	0	0.00	0.46	0
CO20286+	CO20421	1.10	3	1-	4ACSR	0	0	2206	346	12	0	1	0.00	0.46	0
CO20287+	CO20286	1.32	2	1-	4ACSR	0	0	2073	342	11	0	1	0.00	0.46	0
CO20288+	CO20287	1.41	1	1-	4ACSR	0	0	2017	340	4	0	0	0.00	0.46	0
CO20284+	CO20289	1.08	1351	3-	397ACSR	2248	2279	2253	349	7430	166	29	0.07	0.52	588
CO20285+	CO20284	1.11	1351	3-	397ACSR	2241	2270	2243	349	7428	166	29	0.01	0.54	126
CO20283+	CO20285	1.20	1348	3-	397ACSR	2222	2243	2213	349	7422	166	29	0.04	0.58	354
CO20282+	CO20283	1.42	1347	3-	397ACSR	2172	2177	2138	348	7418	166	29	0.10	0.68	924
CO20281+	CO20282	1.44	1347	3-	397ACSR	2167	2170	2130	348	7414	166	29	0.01	0.69	106
CO20279+	CO20281	1.62	1	1-	4ACSR	0	0	2033	344	9	0	0	0.00	0.69	0
CO20280+	CO20279	1.66	1	1-	4ACSR	0	0	2013	343	9	0	0	0.00	0.69	0
CO20278+	CO20281	1.50	15	1-	4ACSR	0	0	2099	347	30	2	1	0.00	0.69	0
CO23710+	CO20278	1.63	15	1-	4ACSR	0	0	2025	344	30	2	1	0.01	0.70	0
CO20875+	CO23710	1.75	14	1-	4ACSR	0	0	1966	341	28	1	1	0.00	0.71	0
CO20845+	CO20875	1.79	13	1-	4ACSR	0	0	1945	340	27	1	1	0.00	0.71	0
CO20882+	CO20845	1.83	9	1-	4ACSR	0	0	1924	339	22	1	1	0.00	0.71	0
CO20883+	CO20882	2.63	8	1-	4ACSR	0	0	1558	323	14	0	1	0.02	0.73	0
CO20851+	CO20883	2.83	8	1-	4ACSR	0	0	1483	319	14	0	1	0.00	0.73	0
CO20850+	CO20851	2.87	8	1-	4ACSR	0	0	1468	318	14	0	1	0.00	0.73	0
CO20849+	CO20850	2.90	6	1-	4ACSR	0	0	1455	318	11	0	1	0.00	0.73	0
CO20848+	CO20849	3.08	5	1-	4ACSR	0	0	1394	314	11	0	1	0.00	0.73	0
CO20847+	CO20848	3.24	4	1-	4ACSR	0	0	1345	311	7	0	0	0.00	0.74	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20846+	CO20847	3.31	4 1-	4ACSR	0	0	1322	310	7	0	0	0.00	0.74	0
CO20884+	CO20846	3.54	4 1-	4ACSR	0	0	1256	306	7	0	0	0.00	0.74	0
CO20830+	CO20884	3.74	4 1-	4ACSR	0	0	1201	302	7	0	0	0.00	0.74	0
CO20834+	CO20830	3.85	1 1-	4ACSR	0	0	1173	301	0	0	0	0.00	0.74	0
CO20833+	CO20830	3.82	2 1-	4ACSR	0	0	1182	301	2	0	0	0.00	0.74	0
CO20835+	CO20884	3.61	0 1-	4ACSR	0	0	1235	305	0	0	0	0.00	0.74	0
CO20853+	CO20845	1.94	4 1-	4ACSR	0	0	1868	337	5	0	0	0.00	0.71	0
CO20852+	CO20853	1.98	2 1-	4ACSR	0	0	1848	336	5	0	0	0.00	0.71	0
CO20855+	CO20852	2.21	2 1-	4ACSR	0	0	1739	331	5	0	0	0.00	0.71	0
CO20876+	CO20855	2.35	2 1-	4ACSR	0	0	1672	328	5	0	0	0.00	0.71	0
CO20877+	CO20876	2.46	1 1-	4ACSR	0	0	1626	326	0	0	0	0.00	0.71	0
CO20854+	CO20877	2.79	1 1-	4ACSR	0	0	1495	320	0	0	0	0.00	0.71	0
CO20837+	CO20852	2.07	0 1-	4ACSR	0	0	1804	334	0	0	0	0.00	0.71	0
CO20277+	CO20281	1.59	1331 3-	397ACSR	2135	2128	2082	347	7375	165	29	0.07	0.76	622
CO741679137+	CO20277	1.76	1331 3-	397ACSR	2100	2082	2030	347	7372	165	29	0.08	0.84	678
CO-1750626472+	CO741679137	1.86	1331 3-	397ACSR	2079	2054	1998	346	7368	165	29	0.05	0.89	442
CO20864+	CO-1750626472	1.91	1331 3-	397ACSR	2070	2042	1985	346	7366	165	29	0.02	0.91	190
CO23712+	CO20864	1.96	4 1-	4ACSR	0	0	1958	345	10	0	0	0.00	0.91	0
CO20259+	CO23712	1.99	2 1-	4ACSR	0	0	1944	344	10	0	0	0.00	0.91	0
CO-2086965379+	CO20259	2.02	1 1-	2ACSR	0	0	1933	344	3	0	0	0.00	0.91	0
CO20272+	CO23712	2.01	2 1-	4ACSR	0	0	1935	344	0	0	0	0.00	0.91	0
CO20273+	CO20272	2.04	2 1-	4ACSR	0	0	1920	343	0	0	0	0.00	0.91	0
CO20274+	CO20273	2.07	1 1-	4ACSR	0	0	1907	342	0	0	0	0.00	0.91	0
CO20275+	CO20274	2.11	1 1-	4ACSR	0	0	1888	342	0	0	0	0.00	0.91	0
CO20276+	CO20275	2.17	1 1-	4ACSR	0	0	1859	340	0	0	0	0.00	0.91	0
CO20856+	CO20864	2.14	1327 3-	397ACSR	2023	1986	1920	345	7356	165	29	0.11	1.02	978
CO23713+	CO20856	2.25	1327 3-	397ACSR	2003	1962	1892	345	7351	165	29	0.05	1.07	446
CO20553+	CO23713	2.27	1316 3-	397ACSR	1999	1957	1886	344	7328	165	29	0.01	1.08	93
CO20552+	CO20553	2.41	1316 3-	397ACSR	1974	1928	1853	344	7327	165	29	0.06	1.14	543
CO20710+	CO20552	2.47	1316 3-	397ACSR	1963	1914	1837	344	7325	165	29	0.03	1.17	271
CO20711+	CO20710	2.66	1315 3-	397ACSR	1929	1875	1792	343	7316	165	29	0.09	1.26	780
CO20435+	CO20711	2.72	1313 3-	397ACSR	1919	1863	1778	343	7308	164	29	0.03	1.29	243
CO23715+	CO20435	2.80	5 1-	4ACSR	0	0	1747	341	18	1	1	0.00	1.29	0
CO20138+	CO23715	3.36	4 1-	4ACSR	0	0	1537	329	11	0	1	0.01	1.30	0
CO20136+	CO20138	3.43	3 1-	4ACSR	0	0	1513	328	11	0	1	0.00	1.30	0
CO20135+	CO20136	3.68	2 1-	4ACSR	0	0	1428	323	11	0	1	0.00	1.30	0
CO20137+	CO20135	3.72	2 1-	4ACSR	0	0	1415	322	11	0	1	0.00	1.31	0
CO20115+	CO20137	3.79	1 1-	4ACSR	0	0	1395	320	2	0	0	0.00	1.31	0
CO20183+	CO20137	3.80	1 1-	4ACSR	0	0	1392	320	9	0	0	0.00	1.31	0
CO20182+	CO20183	3.83	1 1-	4ACSR	0	0	1383	320	9	0	0	0.00	1.31	0
CO20436+	CO20435	2.83	1308 3-	397ACSR	1900	1842	1754	342	7289	164	29	0.05	1.34	436
CO20712+	CO20436	2.86	5 1-	2ACSR	0	0	1742	342	18	1	1	0.00	1.34	0
CO20713+	CO20712	2.91	3 1-	2ACSR	0	0	1726	341	5	0	0	0.00	1.34	0
CO20545+	CO20713	2.95	2 1-	2ACSR	0	0	1714	340	3	0	0	0.00	1.34	0
CO20544+	CO20545	2.98	1 1-	2ACSR	0	0	1702	340	3	0	0	0.00	1.34	0
CO20543+	CO20544	3.10	1 1-	2ACSR	0	0	1663	338	3	0	0	0.00	1.34	0
CO20542+	CO20543	3.32	1 1-	2ACSR	0	0	1592	335	3	0	0	0.00	1.34	0
CO20555+	CO20436	2.99	1302 3-	397ACSR	1873	1810	1718	341	7268	164	28	0.08	1.41	674
CO20554+	CO20555	3.03	1302 3-	397ACSR	1866	1803	1710	341	7265	164	28	0.02	1.43	163
CO20437+	CO20554	3.16	1300 3-	397ACSR	1846	1780	1683	341	7260	164	28	0.06	1.49	512
CO20471+	CO20437	3.19	1 1-	4ACSR	0	0	1674	340	3	0	0	0.00	1.49	0
CO20714+	CO20437	3.18	1299 3-	397ACSR	1843	1777	1680	341	7254	163	28	0.01	1.50	70

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO20715+	CO20714	3.34	1298 3-	397ACSR	1818	1749	1647	340	7253	163	28	0.07	1.57	661
CO20473+	CO20715	3.36	2 1-	4ACSR	0	0	1640	340	0	0	0	0.00	1.57	0
CO20472+	CO20715	3.39	1 1-	4ACSR	0	0	1628	339	2	0	0	0.00	1.57	0
CO20557+	CO20715	3.35	1295 3-	397ACSR	1815	1746	1645	340	7247	163	28	0.01	1.58	59
CO20556+	CO20557	3.55	1295 3-	397ACSR	1785	1713	1607	339	7247	163	28	0.09	1.67	807
CO20809+	CO20556	3.56	7 1-	4ACSR	0	0	1604	339	24	1	1	0.00	1.67	0
OC626+	CO20809	3.56	7 1-	10 N FUSE	0	0	1604	339	24	1	17	0.00	1.67	0
CO20810+	OC626	3.58	7 1-	4ACSR	0	0	1599	339	24	1	1	0.00	1.67	0
CO20529+	CO20810	3.61	6 1-	4ACSR	0	0	1586	338	23	1	1	0.00	1.67	0
CO20528+	CO20529	3.90	5 1-	4ACSR	0	0	1493	332	17	1	1	0.01	1.68	0
CO23716+	CO20528	4.07	5 1-	4ACSR	0	0	1442	328	17	1	1	0.00	1.68	0
CO20131+	CO23716	4.08	3 1-	4ACSR	0	0	1437	328	9	0	0	0.00	1.68	0
CO20134+	CO20131	4.23	3 1-	4ACSR	0	0	1393	325	9	0	0	0.00	1.68	0
CO20132+	CO20134	4.37	3 1-	4ACSR	0	0	1355	322	9	0	0	0.00	1.69	0
CO20133+	CO20132	4.44	2 1-	4ACSR	0	0	1334	321	2	0	0	0.00	1.69	0
CO20140+	CO20133	4.60	1 1-	4ACSR	0	0	1291	318	2	0	0	0.00	1.69	0
CO20139+	CO20140	5.11	0 1-	4ACSR	0	0	1167	308	0	0	0	0.00	1.69	0
CO20141+	CO20139	5.25	0 1-	4ACSR	0	0	1136	306	0	0	0	0.00	1.69	0
CO20116+	CO20133	4.63	1 1-	4ACSR	0	0	1283	317	0	0	0	0.00	1.69	0
CO20125+	CO20132	4.44	1 1-	2ACSR	0	0	1339	321	8	0	0	0.00	1.69	0
CO20639+	CO20556	3.59	6 1-	4ACSR	0	0	1595	338	32	2	2	0.00	1.67	0
CO20479+	CO20639	3.64	1 1-	4ACSR	0	0	1579	337	3	0	0	0.00	1.67	0
CO20638+	CO20639	3.84	3 1-	4ACSR	0	0	1514	333	25	1	1	0.01	1.68	0
CO20637+	CO20638	3.92	2 1-	4ACSR	0	0	1489	331	16	1	1	0.00	1.68	0
CO1863333944+	CO20637	3.98	1 1-	2ACSR	0	0	1471	330	1	0	0	0.00	1.68	0
CO20627+	CO20556	3.56	2 1-	4ACSR	0	0	1603	339	13	0	1	0.00	1.67	0
CO20626+	CO20627	3.58	2 1-	4ACSR	0	0	1599	339	13	0	1	0.00	1.67	0
CO20625+	CO20626	3.66	1 1-	4ACSR	0	0	1572	337	5	0	0	0.00	1.67	0
CO20708+	CO20556	3.64	1280 3-	397ACSR	1772	1699	1591	339	7174	162	28	0.04	1.71	340
CO20709+	CO20708	3.77	1278 3-	397ACSR	1753	1678	1567	338	7159	161	28	0.06	1.77	525
CO20559+	CO20709	3.81	1275 3-	397ACSR	1747	1671	1559	338	7139	161	28	0.02	1.78	171
CO20558+	CO20559	3.98	1273 3-	397ACSR	1723	1645	1530	337	7132	161	28	0.08	1.86	668
CO20628+	CO20558	4.02	2 1-	4ACSR	0	0	1518	337	2	0	0	0.00	1.86	0
CO20476+	CO20628	4.05	0 1-	4ACSR	0	0	1510	336	0	0	0	0.00	1.86	0
CO20716+	CO20628	4.05	2 1-	4ACSR	0	0	1509	336	2	0	0	0.00	1.86	0
CO20717+	CO20716	4.12	1 1-	4ACSR	0	0	1490	335	1	0	0	0.00	1.86	0
CO20438+	CO20558	4.17	1247 3-	397ACSR	1697	1618	1499	337	7027	159	28	0.08	1.94	705
CO20636+	CO20438	4.21	1 1-	397ACSR	0	0	1493	336	1	0	0	0.00	1.94	0
CO20635+	CO20636	4.23	1 1-	397ACSR	0	0	1489	336	1	0	0	0.00	1.94	0
CO20561+	CO20438	4.27	1246 3-	397ACSR	1683	1603	1482	336	7023	159	28	0.05	1.99	403
CO20701+	CO20561	4.29	1 1-	2ACSR	0	0	1477	336	15	1	1	0.00	1.99	0
CO20700+	CO20701	4.31	1 1-	2ACSR	0	0	1472	336	15	1	1	0.00	1.99	0
CO20560+	CO20561	4.33	1245 3-	397ACSR	1675	1594	1473	336	7006	158	28	0.03	2.01	227
CO20811+	CO20560	4.34	5 1-	4ACSR	0	0	1471	336	34	2	2	0.00	2.01	0
OC625+	CO20811	4.34	5 1-	10 N FUSE	0	0	1471	336	34	2	23	0.00	2.01	0
CO20812+	OC625	4.45	5 1-	4ACSR	0	0	1441	333	34	2	2	0.00	2.02	0
CO20723+	CO20812	4.53	3 1-	4ACSR	0	0	1419	332	25	1	1	0.00	2.02	0
CO20724+	CO20723	4.57	2 1-	4ACSR	0	0	1407	331	19	1	1	0.00	2.02	0
CO20541+	CO20724	4.72	1 1-	4ACSR	0	0	1366	328	4	0	0	0.00	2.02	0
CO20439+	CO20560	4.36	1240 3-	397ACSR	1672	1591	1469	336	6972	157	27	0.01	2.02	84
CO23717+	CO20439	4.40	4 1-	4ACSR	0	0	1456	335	23	1	1	0.00	2.02	0
CO20185+	CO23717	4.43	3 1-	4ACSR	0	0	1449	334	11	0	1	0.00	2.02	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20184+	CO20185	4.53	2 1-	4ACSR	0	0	1421	332	9	0	0	0.00	2.02	0
CO20563+	CO20439	4.49	1235 3-	397ACSR	1655	1573	1449	335	6940	157	27	0.06	2.08	501
CO20522+	CO20563	4.53	1 1-	2ACSR	0	0	1438	335	5	0	0	0.00	2.08	0
CO20562+	CO20563	4.57	1234 3-	397ACSR	1645	1563	1437	335	6932	157	27	0.03	2.11	283
CO20440+	CO20562	4.61	1231 3-	397ACSR	1640	1557	1431	335	6925	156	27	0.02	2.13	161
CO20727+	CO20440	4.65	1208 3-	397ACSR	1634	1551	1425	335	6814	154	27	0.02	2.15	151
CO20728+	CO20727	4.68	1205 3-	397ACSR	1630	1547	1420	334	6806	154	27	0.01	2.16	112
CO20729+	CO20728	4.77	1205 3-	397ACSR	1620	1536	1408	334	6805	154	27	0.03	2.19	299
CO20730+	CO20729	4.79	1204 3-	397ACSR	1617	1533	1405	334	6802	154	27	0.01	2.20	80
CO20564+	CO20730	4.85	1204 3-	397ACSR	1610	1525	1396	334	6801	154	27	0.03	2.23	223
CO20733+	CO20564	4.92	1192 3-	397ACSR	1602	1517	1386	333	6766	153	27	0.03	2.26	239
CO20734+	CO20733	4.93	1191 3-	397ACSR	1600	1515	1385	333	6765	153	27	0.01	2.26	46
CO20566+	CO20734	5.14	1191 3-	397ACSR	1575	1490	1356	332	6765	153	27	0.09	2.35	737
CO20565+	CO20566	5.17	1191 3-	397ACSR	1572	1486	1353	332	6761	153	27	0.01	2.36	99
CO23718+	CO20565	5.33	1 1-	4ACSR	0	0	1313	329	21	1	1	0.01	2.37	0
CO20186+	CO23718	5.37	1 1-	4ACSR	0	0	1304	328	21	1	1	0.00	2.37	0
CO20568+	CO20565	5.29	1190 3-	397ACSR	1558	1472	1337	332	6740	152	27	0.05	2.41	434
CO20567+	CO20568	5.43	1190 3-	397ACSR	1542	1455	1318	331	6738	152	27	0.06	2.47	506
CO20735+	CO20567	5.50	5 1-	397ACSR	0	0	1310	331	9	0	0	0.00	2.47	0
CO20736+	CO20735	5.64	3 1-	397ACSR	0	0	1293	330	8	0	0	0.00	2.47	0
CO20516+	CO20736	5.67	1 1-	397ACSR	0	0	1290	330	3	0	0	0.00	2.47	0
CO20515+	CO20736	5.67	2 1-	397ACSR	0	0	1289	330	4	0	0	0.00	2.47	0
CO20570+	CO20567	5.45	1184 3-	397ACSR	1540	1453	1316	331	6711	152	26	0.01	2.48	60
CO20569+	CO20570	5.53	1184 3-	397ACSR	1531	1444	1307	331	6711	152	26	0.03	2.51	272
CO20815+	CO20569	5.53	50 1-	4ACSR	0	0	1305	331	329	23	17	0.00	2.51	0
OC629+	CO20815	5.53	50 1-	25 E OCR	0	0	1305	331	329	23	93	0.00	2.51	0
CO20816+	OC629	5.62	50 1-	4ACSR	0	0	1286	329	329	23	17	0.04	2.56	24
CO20461+	CO20816	5.69	48 1-	4ACSR	0	0	1269	327	319	22	16	0.04	2.60	20
CO20603+	CO20461	5.79	45 1-	4ACSR	0	0	1249	325	309	21	16	0.05	2.64	23
CO20744+	CO20603	5.85	44 1-	4ACSR	0	0	1235	324	300	21	15	0.03	2.67	14
CO20745+	CO20744	5.86	43 1-	4ACSR	0	0	1232	324	286	20	14	0.01	2.68	3
XFMR44	CO20745	5.86	43 1-	167 KVA 1PH AUT	0	0	641	170	286	20	174	1.50	4.18	0
CO20602	XFMR44	5.89	43 1-	4ACSR	0	0	639	170	286	40	29	0.05	4.23	22
CO23719	CO20602	5.94	43 1-	4ACSR	0	0	634	170	286	40	29	0.09	4.32	44
CO20123	CO23719	5.95	1 1-	4ACSR	0	0	633	169	7	1	1	0.00	4.32	0
CO20171	CO23719	5.97	42 1-	4ACSR	0	0	631	169	279	39	28	0.06	4.38	27
CO20169	CO20171	6.08	40 1-	4ACSR	0	0	621	168	268	37	27	0.18	4.56	80
CO20168	CO20169	6.12	39 1-	4ACSR	0	0	617	167	256	36	26	0.07	4.63	29
CO20170	CO20168	6.18	37 1-	4ACSR	0	0	612	167	241	34	24	0.08	4.71	32
CO20124	CO20170	6.25	4 1-	4ACSR	0	0	605	166	24	3	2	0.01	4.72	0
CO20173	CO20170	6.21	33 1-	4ACSR	0	0	609	167	217	30	22	0.04	4.76	16
CO20172	CO20173	6.25	32 1-	4ACSR	0	0	605	166	215	30	22	0.06	4.82	22
CO20111	CO20172	6.40	24 1-	4ACSR	0	0	592	165	150	21	15	0.14	4.96	34
CO20106	CO20111	6.52	16 1-	4ACSR	0	0	581	163	80	11	8	0.06	5.02	7
CO20117	CO20106	6.59	1 1-	4ACSR	0	0	575	163	10	1	1	0.00	5.02	0
CO20107	CO20106	6.70	13 1-	4ACSR	0	0	565	161	54	7	6	0.06	5.08	6
CO20197	CO20107	6.77	2 1-	4ACSR	0	0	559	161	10	1	1	0.00	5.09	0
CO20196	CO20197	6.91	1 1-	4ACSR	0	0	548	159	8	1	1	0.00	5.09	0
CO20108	CO20107	6.80	9 1-	4ACSR	0	0	556	160	24	3	2	0.02	5.10	0
CO20199	CO20108	6.91	2 1-	4ACSR	0	0	547	159	10	1	1	0.01	5.10	0
CO20198	CO20199	7.00	2 1-	4ACSR	0	0	540	158	10	1	1	0.00	5.11	0
CO20146	CO20108	6.87	7 1-	4ACSR	0	0	550	160	14	2	1	0.01	5.10	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20147	CO20146	6.93	6 1-	4ACSR	0	0	545	159	14	2	1	0.01	5.11	0
CO20145	CO20147	7.00	6 1-	4ACSR	0	0	540	159	14	2	1	0.00	5.11	0
CO20143	CO20145	7.11	4 1-	4ACSR	0	0	531	157	9	1	1	0.01	5.12	0
CO20142	CO20143	7.14	3 1-	4ACSR	0	0	528	157	6	0	1	0.00	5.12	0
CO20144	CO20142	7.21	2 1-	4ACSR	0	0	523	157	6	0	1	0.00	5.12	0
CO20109	CO20144	7.57	0 1-	4ACSR	0	0	495	153	0	0	0	0.00	5.12	0
CO20120	CO20109	7.58	0 1-	4ACSR	0	0	493	153	0	0	0	0.00	5.12	0
CO20201	CO20109	7.66	0 1-	4ACSR	0	0	488	152	0	0	0	0.00	5.12	0
CO20200	CO20201	7.87	0 1-	4ACSR	0	0	473	150	0	0	0	0.00	5.12	0
CO20190	CO20144	7.34	2 1-	4ACSR	0	0	512	155	6	0	1	0.01	5.13	0
CO20187	CO20190	7.35	2 1-	4ACSR	0	0	512	155	6	0	1	0.00	5.13	0
CO20189	CO20187	7.40	2 1-	4ACSR	0	0	507	155	6	0	1	0.00	5.13	0
CO20188	CO20189	7.47	0 1-	4ACSR	0	0	502	154	0	0	0	0.00	5.13	0
CO20119	CO20107	6.77	1 1-	4ACSR	0	0	559	161	10	1	1	0.00	5.08	0
CO20118	CO20107	6.77	1 1-	4ACSR	0	0	560	161	11	1	1	0.00	5.08	0
CO20192	CO20111	6.51	7 1-	4ACSR	0	0	582	163	57	8	6	0.04	5.00	3
CO20191	CO20192	6.56	5 1-	4ACSR	0	0	577	163	41	5	4	0.01	5.01	0
CO20193	CO20191	6.63	4 1-	4ACSR	0	0	571	162	41	5	4	0.01	5.03	0
CO20195	CO20193	6.69	3 1-	4ACSR	0	0	567	162	30	4	3	0.01	5.03	0
CO20194	CO20195	6.74	1 1-	4ACSR	0	0	562	161	10	1	1	0.00	5.03	0
CO20208	CO20172	6.33	8 1-	4ACSR	0	0	598	165	65	9	7	0.03	4.85	3
CO20220	CO20208	6.36	6 1-	2ACSR	0	0	596	165	54	7	4	0.01	4.86	0
CO20222	CO20220	6.39	5 1-	2ACSR	0	0	594	165	43	6	3	0.01	4.86	0
CO20221	CO20222	6.41	3 1-	2ACSR	0	0	592	165	24	3	2	0.00	4.87	0
CO1229192708	CO20221	6.46	3 1-	2ACSR	0	0	588	164	24	3	2	0.00	4.87	0
CO1579233226	CO1229192708	6.48	1 1-	2ACSR	0	0	586	164	6	0	0	0.00	4.87	0
CO1202724883	CO1229192708	6.51	2 1-	2ACSR	0	0	584	164	18	2	1	0.00	4.87	0
CO-1025959143	CO1202724883	6.63	1 1-	2ACSR	0	0	575	163	8	1	1	0.00	4.88	0
CO704958442	CO1202724883	6.52	0 1-	2ACSR	0	0	583	164	0	0	0	0.00	4.87	0
CO20207	CO20208	6.35	2 1-	4ACSR	0	0	597	165	11	1	1	0.00	4.85	0
CO20688+	CO20461	5.79	3 1-	4ACSR	0	0	1249	325	10	0	1	0.00	2.60	0
CO20687+	CO20688	5.84	1 1-	4ACSR	0	0	1236	324	2	0	0	0.00	2.60	0
CO20686+	CO20816	5.78	2 1-	4ACSR	0	0	1251	326	10	0	0	0.00	2.56	0
CO20685+	CO20686	5.83	2 1-	4ACSR	0	0	1240	325	10	0	0	0.00	2.56	0
CO20737+	CO20569	5.57	1129 3-	397ACSR	1527	1440	1302	331	6370	144	25	0.01	2.52	120
CO20738+	CO20737	5.59	1128 3-	397ACSR	1524	1437	1299	331	6368	144	25	0.01	2.53	81
CO20520+	CO20738	5.69	0 1-	4ACSR	0	0	1278	329	0	0	0	0.00	2.53	0
CO20817+	CO20738	5.60	22 1-	4ACSR	0	0	1297	330	95	6	5	0.00	2.53	0
OC630+	CO20817	5.60	22 1-	35 E OCR	0	0	1297	330	95	6	19	0.00	2.53	0
CO20818+	OC630	5.70	22 1-	4ACSR	0	0	1273	328	95	6	5	0.02	2.55	2
CO20739+	CO20818	5.79	21 1-	4ACSR	0	0	1254	326	95	6	5	0.01	2.56	0
CO20740+	CO20739	6.05	20 1-	4ACSR	0	0	1199	321	85	5	4	0.03	2.59	4
CO20482+	CO20740	6.26	1 1-	4ACSR	0	0	1157	317	3	0	0	0.00	2.59	0
CO20458+	CO20740	6.09	18 1-	4ACSR	0	0	1190	320	72	4	4	0.00	2.60	0
CO20507+	CO20458	6.15	1 1-	4ACSR	0	0	1179	319	3	0	0	0.00	2.60	0
CO20459+	CO20458	6.20	17 1-	4ACSR	0	0	1169	318	69	4	3	0.01	2.61	0
CO20460+	CO20459	6.27	11 1-	4ACSR	0	0	1154	317	51	3	3	0.01	2.62	0
CO20511+	CO20460	6.33	10 1-	4ACSR	0	0	1143	316	50	3	3	0.00	2.62	0
CO284106970+	CO20511	6.41	7 1-	2ACSR	0	0	1130	315	42	2	2	0.00	2.62	0
CO20742+	CO284106970	6.43	5 1-	2ACSR	0	0	1126	314	38	2	1	0.00	2.63	0
CO20741+	CO20742	6.48	4 1-	4ACSR	0	0	1116	313	28	1	1	0.00	2.63	0
CO20684+	CO20741	6.52	2 1-	4ACSR	0	0	1109	313	4	0	0	0.00	2.63	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20512+	CO20684	6.68	1 1-	4ACSR	0	0	1079	310	2	0	0	0.00	2.63	0
CO20683+	CO20684	6.58	1 1-	4ACSR	0	0	1098	312	3	0	0	0.00	2.63	0
CO20513+	CO20741	6.51	1 1-	4ACSR	0	0	1111	313	9	0	0	0.00	2.63	0
CO1962397760+	CO284106970	6.46	2 1-	2ACSR	0	0	1121	314	4	0	0	0.00	2.63	0
CO20743+	CO1962397760	6.49	2 1-	4ACSR	0	0	1116	313	4	0	0	0.00	2.63	0
CO20510+	CO20459	6.25	3 1-	4ACSR	0	0	1159	317	11	0	1	0.00	2.61	0
CO20509+	CO20459	6.22	1 1-	4ACSR	0	0	1164	318	2	0	0	0.00	2.61	0
CO20508+	CO20459	6.24	2 1-	4ACSR	0	0	1161	318	5	0	0	0.00	2.61	0
CO20571+	CO20738	5.62	1106 3-	397ACSR	1521	1434	1295	330	6273	142	25	0.01	2.54	80
CO20746+	CO20571	5.78	1106 3-	397ACSR	1503	1416	1275	330	6272	142	25	0.06	2.60	511
CO20747+	CO20746	5.82	1105 3-	397ACSR	1499	1412	1271	330	6264	142	25	0.01	2.62	118
CO30553+	CO20747	5.89	1101 3-	397ACSR	1492	1404	1263	329	6248	141	25	0.03	2.64	214
CO20601+	CO30553	5.94	1085 3-	397ACSR	1487	1399	1257	329	6220	141	25	0.02	2.66	142
CO20456+	CO20601	5.97	1078 3-	397ACSR	1484	1396	1254	329	6185	140	24	0.01	2.67	90
CO20457+	CO20456	5.99	1055 3-	397ACSR	1482	1394	1252	329	6025	136	24	0.01	2.68	53
CO20441+	CO20457	6.03	1055 3-	397ACSR	1478	1390	1247	329	6025	136	24	0.01	2.69	104
CO20442+	CO20441	6.11	982 3-	397ACSR	1470	1382	1239	328	4660	105	18	0.02	2.71	132
CO20465+	CO20442	6.18	979 3-	397ACSR	1463	1375	1231	328	4568	103	18	0.02	2.73	113
CO20466+	CO20465	6.24	2 1-	4ACSR	0	0	1219	327	1	0	0	0.00	2.73	0
CO20464+	CO20465	6.26	977 3-	397ACSR	1454	1366	1221	328	4566	103	18	0.02	2.75	141
CO20581+	CO20464	6.55	720 3-	4/0ACSR	1419	1331	1184	326	3210	72	21	0.08	2.83	436
CO20580+	CO20581	6.60	720 3-	4/0ACSR	1413	1326	1179	326	3208	72	21	0.01	2.84	66
CO20582+	CO20580	6.76	719 3-	4/0ACSR	1394	1307	1159	324	3195	72	21	0.04	2.88	246
CO20774+	CO20582	6.86	719 3-	4/0ACSR	1383	1296	1148	324	3194	72	21	0.03	2.91	142
CO20775+	CO20774	6.88	718 3-	4/0ACSR	1381	1294	1145	324	3183	71	21	0.01	2.91	30
CO20778+	CO20775	6.90	715 3-	4/0ACSR	1379	1291	1143	324	3155	71	21	0.01	2.92	29
CO20779+	CO20778	6.96	713 3-	4/0ACSR	1372	1285	1136	323	3147	71	21	0.02	2.93	89
CO20780+	CO20779	6.98	708 3-	4/0ACSR	1369	1282	1133	323	3134	70	21	0.01	2.94	35
CO20448+	CO20780	7.01	704 3-	4/0ACSR	1366	1279	1130	323	3129	70	21	0.01	2.95	43
CO20496+	CO20448	7.15	1 1-	4ACSR	0	0	1107	320	5	0	0	0.00	2.95	0
CO20449+	CO20448	7.06	702 3-	4/0ACSR	1360	1273	1124	323	3123	70	21	0.01	2.96	73
CO20823+	CO20449	7.07	701 3-	4/0ACSR	1359	1272	1123	323	3105	70	21	0.00	2.96	9
OC965+	CO20823	7.07	701 3-	WVE	1359	1272	1123	323	3105	70	13	0.00	2.96	0
CO20824+	OC965	7.23	701 3-	4/0ACSR	1342	1255	1105	321	3105	70	21	0.04	3.00	232
CO20588+	CO20824	7.37	701 3-	4/0ACSR	1327	1241	1091	321	3104	70	21	0.03	3.04	187
CO20587+	CO20588	7.44	701 3-	4/0ACSR	1320	1234	1083	320	3103	70	21	0.02	3.06	107
CO20586+	CO20587	7.48	701 3-	4/0ACSR	1316	1230	1080	320	3102	70	21	0.01	3.07	47
CO20585+	CO20586	7.48	701 3-	4/0ACSR	1315	1229	1079	320	3102	70	21	0.00	3.07	11
CO30686+	CO20585	7.70	1 3-	1/0ACSR	1289	1205	1053	318	3	0	0	0.00	3.07	0
CO23849+	CO20585	7.49	700 3-	1/0ACSR	1315	1229	1078	320	3099	70	30	0.00	3.07	19
CA75+	CO23849	7.49	0 3-	Capacitor	1315	1229	1078	320	0	-7	0	0.00	3.07	0
CO23850+	CO23849	7.59	700 3-	1/0ACSR	1302	1217	1066	319	3099	70	31	0.06	3.13	278
CO19601+	CO23850	7.67	20 1-	1/0ACSR	0	0	1056	318	85	5	3	0.01	3.13	0
CO19860+	CO19601	7.72	8 1-	1/0ACSR	0	0	1050	318	51	3	2	0.00	3.13	0
CO19859+	CO19860	7.75	6 1-	1/0ACSR	0	0	1047	317	42	2	1	0.00	3.13	0
CO19858+	CO19859	7.77	3 1-	1/0ACSR	0	0	1044	317	26	1	1	0.00	3.13	0
CO19804+	CO19858	7.85	1 1-	2ACSR	0	0	1035	316	5	0	0	0.00	3.13	0
CO19806+	CO19858	7.81	1 1-	1/0ACSR	0	0	1040	317	12	0	0	0.00	3.13	0
CO19846+	CO19601	7.71	7 1-	1/0ACSR	0	0	1051	318	21	1	1	0.00	3.13	0
CO19845+	CO19846	7.74	7 1-	1/0ACSR	0	0	1049	317	21	1	1	0.00	3.13	0
CO19847+	CO19845	7.77	5 1-	1/0ACSR	0	0	1044	317	13	0	0	0.00	3.13	0
CO19862+	CO19847	7.82	4 1-	1/0ACSR	0	0	1039	317	12	0	0	0.00	3.13	0

Substation Power Factor: 0.98

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19861+	CO19862	7.84	3 1-	1/0ACSR	0	0	1037	316	12	0	0	0.00	3.13	0
CO19803+	CO19861	7.87	1 1-	2/0ACSR	0	0	1033	316	6	0	0	0.00	3.13	0
CO19848+	CO19847	7.79	1 1-	1/0ACSR	0	0	1043	317	1	0	0	0.00	3.13	0
CO19453+	CO23850	7.72	678 3-	1/0ACSR	1287	1202	1051	318	3007	68	30	0.07	3.20	343
CO19463+	CO19453	7.78	2 1-	1/0ACSR	0	0	1043	317	1	0	0	0.00	3.20	0
CO19454+	CO19453	7.76	675 3-	1/0ACSR	1282	1198	1046	317	3001	68	30	0.02	3.22	102
CO19541+	CO19454	7.79	675 3-	1/0ACSR	1278	1194	1042	317	3001	68	30	0.02	3.24	99
CO19538+	CO19541	7.89	675 3-	1/0ACSR	1267	1183	1031	316	3000	68	30	0.05	3.29	252
CO19540+	CO19538	7.96	675 3-	1/0ACSR	1258	1175	1022	315	2999	68	30	0.04	3.33	202
CO19539+	CO19540	8.00	675 3-	1/0ACSR	1254	1171	1018	315	2998	68	30	0.02	3.35	98
CO19478+	CO19539	8.15	671 3-	1/0ACSR	1236	1155	1001	313	2976	67	29	0.08	3.43	400
CO19477+	CO19478	8.55	671 3-	1/0ACSR	1193	1114	960	309	2974	67	29	0.21	3.64	1046
CO19459+	CO19477	8.64	1 1-	4ACSR	0	0	948	308	12	0	1	0.00	3.64	0
CO19484+	CO19477	8.57	657 3-	1/0ACSR	1191	1112	958	309	2922	66	29	0.01	3.65	45
CO19483+	CO19484	8.59	655 3-	1/0ACSR	1188	1109	956	309	2914	66	29	0.01	3.67	63
CO19494+	CO19483	8.61	652 3-	1/0ACSR	1187	1108	954	309	2907	66	29	0.01	3.67	41
CO19485+	CO19494	8.66	652 3-	1/0ACSR	1182	1103	949	308	2906	66	29	0.02	3.70	119
CO19630+	CO19485	8.85	652 3-	1/0ACSR	1162	1085	931	307	2906	66	29	0.10	3.80	476
CO19493+	CO19630	8.89	651 3-	1/0ACSR	1158	1081	927	306	2903	66	29	0.02	3.82	105
CO19620+	CO19493	8.95	1 1-	2ACSR	0	0	921	306	4	0	0	0.00	3.82	0
CO19619+	CO19620	9.01	1 1-	2ACSR	0	0	915	305	4	0	0	0.00	3.82	0
CO19492+	CO19493	8.90	647 3-	1/0ACSR	1157	1080	926	306	2892	65	29	0.01	3.83	32
CO19486+	CO19492	9.03	647 3-	1/0ACSR	1144	1068	914	305	2892	65	29	0.07	3.89	315
CO19488+	CO19486	9.12	646 3-	1/0ACSR	1135	1060	906	304	2890	65	29	0.05	3.94	228
CO19487+	CO19488	9.17	645 3-	1/0ACSR	1130	1055	902	304	2877	65	29	0.02	3.96	116
CO-1040388465+	CO19487	9.19	1 1-	2ACSR	0	0	899	303	10	0	0	0.00	3.96	0
CO19473+	CO19487	9.21	2 1-	2ACSR	0	0	897	303	6	0	0	0.00	3.96	0
CO19489+	CO19487	9.26	642 3-	1/0ACSR	1121	1047	893	303	2860	65	28	0.05	4.01	231
CO19491+	CO19489	9.30	642 3-	1/0ACSR	1118	1044	890	302	2859	65	28	0.02	4.03	93
CO19490+	CO19491	9.36	642 3-	1/0ACSR	1112	1038	885	302	2859	65	28	0.03	4.06	149
CO19593+	CO19490	9.46	1 1-	4ACSR	0	0	874	300	2	0	0	0.00	4.06	0
CO19592+	CO19490	9.50	2 1-	4ACSR	0	0	868	299	9	0	0	0.00	4.06	0
CO19594+	CO19592	9.58	2 1-	4ACSR	0	0	860	298	9	0	0	0.00	4.07	0
CO19595+	CO19594	9.69	1 1-	4ACSR	0	0	848	296	4	0	0	0.00	4.07	0
CO19496+	CO19490	9.46	639 3-	1/0ACSR	1103	1030	876	301	2846	64	28	0.05	4.11	242
CO19495+	CO19496	9.50	637 3-	1/0ACSR	1099	1026	872	301	2834	64	28	0.02	4.14	104
CO19497+	CO19495	9.61	637 3-	1/0ACSR	1089	1017	864	300	2834	64	28	0.05	4.19	253
CO19597+	CO19497	9.67	2 1-	4ACSR	0	0	857	299	5	0	0	0.00	4.19	0
CO19596+	CO19597	9.70	2 1-	4ACSR	0	0	853	298	5	0	0	0.00	4.19	0
CO19461+	CO19497	9.66	3 1-	4ACSR	0	0	858	299	14	0	1	0.00	4.19	0
CO19501+	CO19497	9.77	632 3-	1/0ACSR	1075	1004	851	298	2814	64	28	0.08	4.27	377
CO19498+	CO19501	9.80	630 3-	1/0ACSR	1072	1001	848	298	2800	64	28	0.02	4.29	80
CO19500+	CO19498	9.83	628 3-	1/0ACSR	1070	999	846	298	2788	63	28	0.01	4.30	58
CO19499+	CO19500	9.96	626 3-	1/0ACSR	1058	988	836	297	2785	63	28	0.06	4.36	302
CO19452+	CO19499	10.03	624 3-	1/0ACSR	1052	982	830	296	2777	63	28	0.04	4.40	173
CO19455+	CO19452	10.08	624 3-	1/0ACSR	1048	979	826	295	2776	63	28	0.02	4.42	107
CO19476+	CO19455	10.13	1 1-	2ACSR	0	0	822	295	0	0	0	0.00	4.42	0
CO19626+	CO19455	10.09	26 1-	4ACSR	0	0	826	295	69	4	3	0.00	4.42	0
OC587+	CO19626	10.09	26 1-	35 E OCR	0	0	826	295	69	4	14	0.00	4.42	0
CO19627+	OC587	10.30	26 1-	4ACSR	0	0	804	292	69	4	3	0.02	4.45	3
CO19542+	CO19627	10.39	24 1-	4ACSR	0	0	794	290	66	4	3	0.01	4.46	0
CO19471+	CO19542	10.46	1 1-	4ACSR	0	0	788	289	2	0	0	0.00	4.46	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19631+	CO19542	10.53	21 1-	4ACSR	0	0	781	288	60	4	3	0.01	4.47	0
CO19502+	CO19631	10.54	21 1-	4ACSR	0	0	780	288	60	4	3	0.00	4.47	0
CO19504+	CO19502	10.56	21 1-	4ACSR	0	0	778	287	60	4	3	0.00	4.47	0
CO19503+	CO19504	10.69	20 1-	4ACSR	0	0	766	285	60	4	3	0.01	4.49	0
CO19512+	CO19503	10.79	14 1-	4ACSR	0	0	756	284	48	3	2	0.01	4.49	0
CO19474+	CO19512	10.83	1 1-	2ACSR	0	0	754	283	4	0	0	0.00	4.49	0
CO19511+	CO19512	10.89	13 1-	4ACSR	0	0	747	282	45	3	2	0.01	4.50	0
CO19508+	CO19511	11.01	13 1-	4ACSR	0	0	737	280	45	3	2	0.01	4.51	0
CO19510+	CO19508	11.08	13 1-	4ACSR	0	0	730	279	45	3	2	0.01	4.52	0
CO19509+	CO19510	11.15	13 1-	4ACSR	0	0	724	278	45	3	2	0.00	4.52	0
CO23724+	CO19509	11.30	13 1-	4ACSR	0	0	712	276	45	3	2	0.01	4.53	0
CO19840+	CO23724	11.43	6 1-	4ACSR	0	0	700	274	30	2	2	0.01	4.54	0
CO23723+	CO19840	11.53	4 1-	4ACSR	0	0	692	272	27	1	1	0.00	4.54	0
CO19598+	CO23723	11.58	2 1-	4ACSR	0	0	689	272	12	0	1	0.00	4.54	0
CO1990023513+	CO23723	11.59	1 1-	2ACSR	0	0	688	272	5	0	0	0.00	4.54	0
CO528716087+	CO1990023513	11.64	1 1-	2ACSR	0	0	685	271	5	0	0	0.00	4.54	0
CO19827+	CO23724	11.34	7 1-	4ACSR	0	0	708	275	14	1	1	0.00	4.53	0
CO19829+	CO19827	11.38	6 1-	4ACSR	0	0	704	275	12	0	1	0.00	4.53	0
CO19830+	CO19829	11.45	6 1-	4ACSR	0	0	699	274	12	0	1	0.00	4.53	0
CO19828+	CO19830	11.51	6 1-	4ACSR	0	0	694	273	12	0	1	0.00	4.53	0
CO19839+	CO19828	11.60	0 1-	4ACSR	0	0	687	272	0	0	0	0.00	4.53	0
CO19838+	CO19839	11.68	0 1-	4ACSR	0	0	680	270	0	0	0	0.00	4.53	0
CO19826+	CO19828	11.59	4 1-	4ACSR	0	0	687	272	7	0	0	0.00	4.54	0
CO19821+	CO19826	11.69	3 1-	4ACSR	0	0	680	270	5	0	0	0.00	4.54	0
CO19825+	CO19821	11.73	2 1-	4ACSR	0	0	676	270	3	0	0	0.00	4.54	0
CO19822+	CO19825	11.98	1 1-	4ACSR	0	0	657	266	2	0	0	0.00	4.54	0
CO19824+	CO19822	12.12	1 1-	4ACSR	0	0	647	264	2	0	0	0.00	4.54	0
CO19823+	CO19824	12.15	1 1-	4ACSR	0	0	645	264	2	0	0	0.00	4.54	0
CO19801+	CO19823	12.22	0 1-	4ACSR	0	0	640	263	0	0	0	0.00	4.54	0
CO19837+	CO19823	12.18	0 1-	4ACSR	0	0	643	263	0	0	0	0.00	4.54	0
CO19836+	CO19837	12.22	0 1-	4ACSR	0	0	640	263	0	0	0	0.00	4.54	0
CO19835+	CO19823	12.25	1 1-	4ACSR	0	0	638	262	2	0	0	0.00	4.54	0
CO19834+	CO19835	12.28	1 1-	4ACSR	0	0	636	262	2	0	0	0.00	4.54	0
CO19507+	CO19503	10.76	6 1-	4ACSR	0	0	759	284	12	0	1	0.00	4.49	0
CO19505+	CO19507	10.86	6 1-	4ACSR	0	0	750	283	12	0	1	0.00	4.49	0
CO19506+	CO19505	10.89	6 1-	4ACSR	0	0	747	282	12	0	1	0.00	4.49	0
CO23725+	CO19506	11.01	4 1-	4ACSR	0	0	736	280	8	0	0	0.00	4.49	0
CO19809+	CO23725	11.09	4 1-	4ACSR	0	0	729	279	8	0	0	0.00	4.49	0
CO19808+	CO19809	11.13	3 1-	4ACSR	0	0	726	279	8	0	0	0.00	4.49	0
CO19844+	CO19808	11.22	1 1-	4ACSR	0	0	718	277	3	0	0	0.00	4.49	0
CO19843+	CO19844	11.29	1 1-	4ACSR	0	0	712	276	3	0	0	0.00	4.49	0
CO19842+	CO19808	11.17	1 1-	4ACSR	0	0	722	278	1	0	0	0.00	4.49	0
CO19841+	CO19842	11.24	1 1-	4ACSR	0	0	716	277	1	0	0	0.00	4.49	0
CO19550+	CO19455	10.21	597 3-	1/0ACSR	1037	968	816	294	2707	61	27	0.07	4.49	298
CO19549+	CO19550	10.26	597 3-	1/0ACSR	1033	965	813	294	2705	61	27	0.02	4.51	103
CO30680+	CO19549	10.40	595 3-	1/0ACSR	1022	954	803	293	2697	62	27	0.07	4.58	304
CO19543+	CO30680	10.47	594 3-	1/0ACSR	1016	949	797	292	2694	62	27	0.04	4.62	169
CO19547+	CO19543	10.54	593 3-	1/0ACSR	1011	944	793	291	2683	62	27	0.03	4.66	141
CO19546+	CO19547	10.61	592 3-	1/0ACSR	1005	939	788	291	2681	62	27	0.04	4.69	154
CO19544+	CO19546	10.74	592 3-	1/0ACSR	995	930	779	290	2680	62	27	0.07	4.76	295
CO19545+	CO19544	10.79	591 3-	1/0ACSR	991	926	775	289	2672	62	27	0.03	4.79	118
CO19456+	CO19545	10.97	581 3-	1/0ACSR	978	914	764	288	2631	61	27	0.09	4.88	371

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19579+	CO19456	10.98	580 3-	1/0ACSR	977	913	763	288	2622	60	26	0.01	4.89	29
CO19576+	CO19579	11.01	580 3-	1/0ACSR	974	911	761	287	2622	60	26	0.01	4.90	59
CO19578+	CO19576	11.03	579 3-	1/0ACSR	973	909	759	287	2612	60	26	0.01	4.91	54
CO19577+	CO19578	11.08	578 3-	1/0ACSR	969	906	756	287	2604	60	26	0.02	4.94	98
CO19571+	CO19577	11.23	575 3-	1/0ACSR	958	895	747	286	2592	60	26	0.08	5.02	324
REG335+	CO19571	11.23	574 3-	100	958	895	747	286	2588	60	60	-5.02	0.00	0
CO19572+	REG335	11.28	574 3-	1/0ACSR	955	893	744	285	2588	57	25	0.02	0.02	77
CO19570+	CO19572	11.29	574 3-	1/0ACSR	954	892	743	285	2587	57	25	0.01	0.03	34
CO19569+	CO19570	11.44	572 3-	1/0ACSR	943	882	734	284	2573	57	25	0.07	0.10	273
CO19466+	CO19569	11.55	1 1-	4ACSR	0	0	725	282	5	0	0	0.00	0.10	0
CO19573+	CO19569	11.49	571 3-	1/0ACSR	940	879	731	283	2566	57	25	0.02	0.12	94
CO19575+	CO19573	11.52	571 3-	1/0ACSR	938	877	729	283	2566	57	25	0.01	0.14	53
CO30551+	CO19575	11.57	569 3-	1/0ACSR	934	874	726	283	2547	56	25	0.03	0.16	101
CO19574+	CO30551	11.58	569 3-	1/0ACSR	934	873	725	283	2547	56	25	0.01	0.17	21
CO19468+	CO19574	11.68	1 1-	4ACSR	0	0	718	281	4	0	0	0.00	0.17	0
CO19467+	CO19574	11.70	1 1-	4ACSR	0	0	715	281	8	0	0	0.00	0.17	0
CO19557+	CO19574	11.73	567 3-	1/0ACSR	923	864	717	281	2535	56	25	0.07	0.24	273
CO19559+	CO19557	11.75	567 3-	1/0ACSR	922	862	715	281	2534	56	25	0.01	0.25	42
CO19558+	CO19559	11.87	567 3-	1/0ACSR	914	855	709	280	2534	56	25	0.06	0.30	216
CO19469+	CO19558	12.00	1 1-	4ACSR	0	0	698	278	7	0	0	0.00	0.31	0
CO19560+	CO19558	11.92	566 3-	1/0ACSR	910	852	706	280	2526	56	25	0.03	0.33	100
CO19621+	CO19560	11.96	566 3-	1/0ACSR	908	850	704	280	2525	56	25	0.02	0.35	59
CO19475+	CO19621	11.97	2 1-	2ACSR	0	0	703	279	11	0	0	0.00	0.35	0
CO19622+	CO19621	12.14	564 3-	1/0ACSR	897	839	694	278	2514	56	24	0.09	0.43	328
CO19608+	CO19622	12.17	2 1-	4ACSR	0	0	691	278	11	0	1	0.00	0.43	0
CO19610+	CO19608	12.18	2 1-	4ACSR	0	0	690	277	11	0	1	0.00	0.43	0
CO19609+	CO19610	12.22	2 1-	4ACSR	0	0	687	277	11	0	1	0.00	0.43	0
CO19457+	CO19622	12.20	562 3-	1/0ACSR	893	835	691	278	2502	56	24	0.03	0.46	107
CO19562+	CO19457	12.23	562 3-	1/0ACSR	891	833	689	277	2501	56	24	0.02	0.48	68
CO19561+	CO19562	12.27	562 3-	1/0ACSR	888	831	686	277	2501	56	24	0.02	0.50	72
CO19564+	CO19561	12.41	555 3-	1/0ACSR	880	823	679	276	2464	55	24	0.06	0.56	236
CO19472+	CO19564	12.47	1 1-	2ACSR	0	0	676	275	3	0	0	0.00	0.56	0
CO19563+	CO19564	12.52	553 3-	1/0ACSR	873	817	674	275	2452	54	24	0.05	0.61	187
CO19616+	CO19563	12.60	3 1-	4ACSR	0	0	667	274	25	1	1	0.00	0.61	0
CO19618+	CO19616	12.63	2 1-	4ACSR	0	0	665	273	12	0	1	0.00	0.61	0
CO19617+	CO19618	12.67	2 1-	4ACSR	0	0	663	273	12	0	1	0.00	0.61	0
CO19568+	CO19563	12.57	550 3-	1/0ACSR	870	814	671	275	2426	54	24	0.02	0.63	91
CO19565+	CO19568	12.68	550 3-	1/0ACSR	863	808	666	274	2426	54	24	0.05	0.68	179
CO19567+	CO19565	12.91	550 3-	1/0ACSR	850	796	654	272	2425	54	24	0.11	0.79	394
CO19566+	CO19567	12.98	550 3-	1/0ACSR	846	792	651	272	2423	54	24	0.03	0.82	118
CO23735+	CO19566	13.31	498 3-	1/0ACSR	827	775	635	269	2166	48	21	0.13	0.95	449
CO23761+	CO23735	13.36	496 3-	1/0ACSR	824	772	633	269	2163	48	21	0.02	0.97	70
CO19107+	CO23761	13.49	495 3-	1/0ACSR	817	766	627	268	2163	48	21	0.05	1.02	170
CO19108+	CO19107	13.52	108 1-	4ACSR	0	0	625	267	443	30	22	0.02	1.05	17
CO19109+	CO19108	13.56	107 1-	4ACSR	0	0	622	267	431	29	21	0.02	1.07	16
CO19153+	CO19109	13.57	107 1-	4ACSR	0	0	622	267	431	29	21	0.00	1.07	3
OC575+	CO19153	13.57	107 1-	50 H OCR	0	0	622	267	431	29	59	0.00	1.07	0
CO19154+	OC575	13.64	107 1-	4ACSR	0	0	617	266	431	29	21	0.05	1.12	35
CO19115+	CO19154	13.71	106 1-	4ACSR	0	0	613	265	417	28	21	0.05	1.17	31
CO19042+	CO19115	13.75	2 1-	4ACSR	0	0	610	264	0	0	0	0.00	1.17	0
CO19113+	CO19115	13.81	102 1-	4ACSR	0	0	607	263	405	27	20	0.06	1.23	37
CO19114+	CO19113	13.90	100 1-	4ACSR	0	0	601	262	385	26	19	0.05	1.28	33

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19112+	CO19114	13.96	98 1-	4ACSR	0	0	598	261	373	25	18	0.03	1.32	20
CO19111+	CO19112	14.04	98 1-	4ACSR	0	0	593	260	373	25	18	0.05	1.37	29
CO19110+	CO19111	14.10	96 1-	4ACSR	0	0	589	259	366	25	18	0.04	1.40	22
CO19038+	CO19110	14.28	94 1-	4ACSR	0	0	579	257	359	24	18	0.10	1.51	59
CO19074+	CO19038	14.48	1 1-	4ACSR	0	0	568	254	2	0	0	0.00	1.51	0
CO19073+	CO19074	14.56	1 1-	4ACSR	0	0	564	253	2	0	0	0.00	1.51	0
CO19066+	CO19038	14.36	93 1-	4ACSR	0	0	574	256	357	24	18	0.05	1.55	27
CO19067+	CO19066	14.50	93 1-	4ACSR	0	0	567	254	357	24	18	0.08	1.63	45
CO19068+	CO19067	14.62	93 1-	4ACSR	0	0	561	253	357	24	18	0.06	1.70	37
CO19045+	CO19068	14.71	1 1-	4ACSR	0	0	555	251	1	0	0	0.00	1.70	0
CO19044+	CO19068	14.72	1 1-	4ACSR	0	0	555	251	1	0	0	0.00	1.70	0
CO19043+	CO19068	14.78	1 1-	4ACSR	0	0	552	251	7	0	0	0.00	1.70	0
CO19039+	CO19068	14.87	90 1-	4ACSR	0	0	547	249	348	24	17	0.14	1.84	78
CO19046+	CO19039	14.95	0 1-	4ACSR	0	0	543	248	0	0	0	0.00	1.84	0
CO19123+	CO19039	14.89	90 1-	4ACSR	0	0	546	249	347	24	17	0.01	1.85	7
CO19122+	CO19123	14.93	1 1-	2ACSR	0	0	544	249	3	0	0	0.00	1.85	0
CO19121+	CO19123	15.00	87 1-	4ACSR	0	0	541	248	330	22	16	0.06	1.90	30
CO19040+	CO19121	15.16	84 1-	4ACSR	0	0	533	246	306	21	15	0.08	1.98	38
CO19119+	CO19040	15.29	83 1-	4ACSR	0	0	526	244	306	21	15	0.07	2.05	32
CO19120+	CO19119	15.43	80 1-	4ACSR	0	0	519	243	302	20	15	0.07	2.11	33
CO19055+	CO19120	15.47	2 1-	2ACSR	0	0	518	242	19	1	1	0.00	2.11	0
CO19099+	CO19120	15.54	78 1-	4ACSR	0	0	514	242	283	19	14	0.05	2.16	22
CO19047+	CO19099	15.62	1 1-	4ACSR	0	0	510	241	0	0	0	0.00	2.16	0
CO19117+	CO19099	15.60	77 1-	4ACSR	0	0	511	241	283	19	14	0.03	2.19	13
CO19118+	CO19117	15.67	75 1-	4ACSR	0	0	508	240	272	18	13	0.03	2.22	13
CO19116+	CO19118	15.81	74 1-	4ACSR	0	0	502	238	269	18	13	0.06	2.28	26
CO19096+	CO19116	15.88	74 1-	4ACSR	0	0	499	238	269	18	13	0.03	2.31	12
CO19048+	CO19096	15.94	1 1-	4ACSR	0	0	496	237	0	0	0	0.00	2.31	0
CO19125+	CO19096	15.96	72 1-	4ACSR	0	0	495	237	253	17	13	0.03	2.34	13
CO23792+	CO19125	16.12	71 1-	4ACSR	0	0	488	235	248	17	12	0.06	2.41	24
CO17530+	CO23792	16.16	0 1-	4ACSR	0	0	487	234	0	0	0	0.00	2.41	0
CO17573+	CO23792	16.30	70 1-	4ACSR	0	0	481	233	243	16	12	0.07	2.47	27
CO17574+	CO17573	16.40	70 1-	4ACSR	0	0	477	232	243	16	12	0.04	2.51	16
CO17526+	CO17574	16.49	69 1-	4ACSR	0	0	473	231	242	16	12	0.03	2.55	13
CO17569+	CO17526	16.58	67 1-	4ACSR	0	0	469	230	240	16	12	0.04	2.58	14
CO17570+	CO17569	16.67	66 1-	4ACSR	0	0	466	229	234	16	12	0.03	2.62	13
CO17546+	CO17570	16.85	2 1-	4ACSR	0	0	459	227	3	0	0	0.00	2.62	0
CO17575+	CO17546	16.88	1 1-	4ACSR	0	0	458	227	3	0	0	0.00	2.62	0
CO17576+	CO17575	16.96	1 1-	4ACSR	0	0	455	226	3	0	0	0.00	2.62	0
CO17536+	CO17575	16.92	0 1-	2ACSR	0	0	457	227	0	0	0	0.00	2.62	0
CO17556+	CO17570	16.82	64 1-	4ACSR	0	0	460	227	230	16	11	0.06	2.67	20
CO17571+	CO17556	17.12	62 1-	4ACSR	0	0	449	224	228	15	11	0.11	2.78	39
CO17572+	CO17571	17.39	61 1-	4ACSR	0	0	439	222	224	15	11	0.10	2.88	35
CO17557+	CO17572	17.74	59 1-	4ACSR	0	0	427	218	221	15	11	0.12	3.00	43
CO17558+	CO17557	17.90	55 1-	4ACSR	0	0	422	217	212	14	11	0.05	3.05	19
CO17559+	CO17558	17.93	54 1-	4ACSR	0	0	421	217	211	14	11	0.01	3.06	3
CO17537+	CO17559	17.99	54 1-	4ACSR	0	0	419	216	211	14	11	0.02	3.08	6
CO17528+	CO17537	18.13	11 1-	4ACSR	0	0	414	215	40	2	2	0.01	3.09	0
CO17560+	CO17528	18.15	9 1-	4ACSR	0	0	414	215	32	2	2	0.00	3.09	0
CO17561+	CO17560	18.18	8 1-	4ACSR	0	0	413	214	26	1	1	0.00	3.09	0
CO17539+	CO17561	18.25	6 1-	4ACSR	0	0	411	214	18	1	1	0.00	3.10	0
CO17540+	CO17539	18.33	5 1-	4ACSR	0	0	408	213	17	1	1	0.00	3.10	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17541+	CO17540	18.38	5 1-	4ACSR	0	0	406	212	17	1	1	0.00	3.10	0
CO17564+	CO17541	18.42	4 1-	4ACSR	0	0	405	212	12	0	1	0.00	3.10	0
CO17565+	CO17564	18.48	2 1-	4ACSR	0	0	404	212	9	0	0	0.00	3.10	0
CO17566+	CO17565	18.52	1 1-	4ACSR	0	0	402	211	3	0	0	0.00	3.10	0
CO17542+	CO17566	18.55	1 1-	4ACSR	0	0	402	211	3	0	0	0.00	3.10	0
CO17543+	CO17542	18.76	1 1-	4ACSR	0	0	395	209	3	0	0	0.00	3.10	0
CO17579+	CO17543	18.89	0 1-	4ACSR	0	0	392	208	0	0	0	0.00	3.10	0
CO17533+	CO17528	18.19	2 1-	4ACSR	0	0	413	214	8	0	0	0.00	3.09	0
CO1481304749+	CO17533	18.23	1 1-	2ACSR	0	0	412	214	7	0	0	0.00	3.09	0
CO17527+	CO17537	18.10	42 1-	4ACSR	0	0	415	215	157	10	8	0.03	3.11	7
CO17577+	CO17527	18.11	37 1-	4ACSR	0	0	415	215	142	9	7	0.00	3.11	0
OC537+	CO17577	18.11	37 1-	25 H OCR	0	0	415	215	142	9	40	0.00	3.11	0
CO17578+	OC537	18.19	37 1-	4ACSR	0	0	412	214	142	9	7	0.02	3.13	4
CO17562+	CO17578	18.28	36 1-	4ACSR	0	0	410	213	134	9	7	0.02	3.15	4
CO17538+	CO17562	18.30	36 1-	4ACSR	0	0	409	213	134	9	7	0.00	3.15	0
CO17563+	CO17538	18.40	31 1-	4ACSR	0	0	406	212	114	7	6	0.02	3.17	3
CO23836+	CO17563	18.48	30 1-	4ACSR	0	0	404	212	114	7	6	0.01	3.19	3
CO17352+	CO23836	18.64	29 1-	4ACSR	0	0	399	210	111	7	6	0.03	3.22	5
CO17353+	CO17352	18.79	27 1-	4ACSR	0	0	394	209	106	7	5	0.03	3.24	4
CO17319+	CO17353	18.91	1 1-	4ACSR	0	0	391	208	7	0	0	0.00	3.24	0
CO17358+	CO17353	18.90	26 1-	4ACSR	0	0	391	208	100	6	5	0.02	3.26	3
CO17327+	CO17358	18.97	3 1-	2ACSR	0	0	390	208	3	0	0	0.00	3.26	0
CO17359+	CO17358	18.98	23 1-	4ACSR	0	0	389	207	97	6	5	0.01	3.27	0
CO17318+	CO17359	19.24	22 1-	4ACSR	0	0	382	205	94	6	5	0.04	3.31	6
CO17356+	CO17318	19.40	17 1-	4ACSR	0	0	377	204	75	5	4	0.02	3.33	2
CO17357+	CO17356	19.55	16 1-	4ACSR	0	0	374	203	75	5	4	0.02	3.35	0
CO17354+	CO17357	19.68	14 1-	4ACSR	0	0	370	201	57	4	3	0.01	3.36	0
CO17328+	CO17354	19.74	13 1-	4ACSR	0	0	368	201	55	3	3	0.01	3.36	0
CO17329+	CO17328	19.81	13 1-	4ACSR	0	0	367	200	55	3	3	0.01	3.37	0
CO17342+	CO17329	19.98	0 1-	4ACSR	0	0	363	199	0	0	0	0.00	3.37	0
CO17343+	CO17342	20.07	0 1-	4ACSR	0	0	360	198	0	0	0	0.00	3.37	0
CO17330+	CO17329	19.99	12 1-	4ACSR	0	0	362	199	49	3	2	0.01	3.38	0
CO17331+	CO17330	20.20	10 1-	4ACSR	0	0	357	197	45	3	2	0.01	3.40	0
CO17332+	CO17331	20.29	7 1-	4ACSR	0	0	355	197	37	2	2	0.01	3.40	0
CO17333+	CO17332	20.43	5 1-	4ACSR	0	0	352	196	30	2	1	0.01	3.41	0
CO17348+	CO17333	20.53	1 1-	4ACSR	0	0	349	195	6	0	0	0.00	3.41	0
CO17349+	CO17348	20.62	1 1-	4ACSR	0	0	347	194	6	0	0	0.00	3.41	0
CO17350+	CO17349	20.68	1 1-	4ACSR	0	0	346	194	6	0	0	0.00	3.41	0
CO17351+	CO17350	20.74	1 1-	4ACSR	0	0	345	193	6	0	0	0.00	3.41	0
CO17338+	CO17333	20.56	3 1-	4ACSR	0	0	349	195	18	1	1	0.00	3.41	0
CO17339+	CO17338	20.75	3 1-	4ACSR	0	0	344	193	18	1	1	0.01	3.42	0
CO17344+	CO17339	20.82	1 1-	4ACSR	0	0	343	193	10	0	0	0.00	3.42	0
CO17345+	CO17344	20.89	1 1-	4ACSR	0	0	341	192	10	0	0	0.00	3.42	0
CO17346+	CO17345	20.97	1 1-	4ACSR	0	0	340	192	10	0	0	0.00	3.42	0
CO17347+	CO17346	21.02	1 1-	4ACSR	0	0	338	191	10	0	0	0.00	3.42	0
CO17325+	CO17339	20.82	1 1-	4ACSR	0	0	343	193	6	0	0	0.00	3.42	0
CO17324+	CO17339	20.81	1 1-	4ACSR	0	0	343	193	2	0	0	0.00	3.42	0
CO1359889549+	CO17324	20.91	0 1-	2ACSR	0	0	341	192	0	0	0	0.00	3.42	0
CO-207059930+	CO1359889549	20.97	0 1-	2ACSR	0	0	340	192	0	0	0	0.00	3.42	0
CO-1337219508+	CO-207059930	21.02	0 1-	2ACSR	0	0	339	192	0	0	0	0.00	3.42	0
CO-1741950953+	CO-1337219508	21.09	0 1-	2ACSR	0	0	338	191	0	0	0	0.00	3.42	0
CO17323+	CO17354	19.72	0 1-	4ACSR	0	0	369	201	0	0	0	0.00	3.36	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17322+	CO17354	19.77	1 1-	4ACSR	0	0	368	201	3	0	0	0.00	3.36	0
CO17326+	CO17318	19.35	1 1-	4ACSR	0	0	379	204	2	0	0	0.00	3.31	0
CO17321+	CO17318	19.34	2 1-	4ACSR	0	0	379	204	3	0	0	0.00	3.31	0
CO17320+	CO17318	19.39	2 1-	4ACSR	0	0	378	204	14	0	1	0.00	3.31	0
CO2064800240+	CO17320	19.43	1 1-	2ACSR	0	0	377	204	13	0	0	0.00	3.31	0
CO17340+	CO17359	19.11	1 1-	4ACSR	0	0	385	206	3	0	0	0.00	3.27	0
CO17341+	CO17340	19.18	0 1-	4ACSR	0	0	383	206	0	0	0	0.00	3.27	0
CO17529+	CO17538	18.44	4 1-	4ACSR	0	0	405	212	10	0	0	0.00	3.16	0
CO17535+	CO17529	18.50	1 1-	4ACSR	0	0	403	211	0	0	0	0.00	3.16	0
CO17567+	CO17529	18.73	3 1-	4ACSR	0	0	396	209	10	0	0	0.00	3.16	0
CO17568+	CO17567	18.77	3 1-	4ACSR	0	0	395	209	10	0	0	0.00	3.16	0
CO23837+	CO17568	18.87	3 1-	4ACSR	0	0	392	208	10	0	0	0.00	3.16	0
CO17355+	CO23837	19.09	1 1-	4ACSR	0	0	386	206	4	0	0	0.00	3.16	0
CO17360+	CO17355	19.24	1 1-	4ACSR	0	0	382	205	4	0	0	0.00	3.17	0
CO17337+	CO17360	19.42	1 1-	4ACSR	0	0	377	204	4	0	0	0.00	3.17	0
CO17534+	CO17527	18.18	1 1-	4ACSR	0	0	413	214	6	0	0	0.00	3.11	0
CO17551+	CO17527	18.26	2 1-	4ACSR	0	0	410	214	7	0	0	0.00	3.11	0
CO17552+	CO17551	18.30	2 1-	4ACSR	0	0	409	213	7	0	0	0.00	3.11	0
CO17553+	CO17552	18.40	2 1-	4ACSR	0	0	406	212	7	0	0	0.00	3.12	0
CO17554+	CO17553	18.44	1 1-	4ACSR	0	0	405	212	7	0	0	0.00	3.12	0
CO17555+	CO17554	18.50	1 1-	4ACSR	0	0	403	211	7	0	0	0.00	3.12	0
CO17547+	CO17557	17.87	3 1-	4ACSR	0	0	423	217	7	0	0	0.00	3.00	0
CO17548+	CO17547	17.91	1 1-	4ACSR	0	0	421	217	0	0	0	0.00	3.00	0
CO17549+	CO17548	18.06	1 1-	4ACSR	0	0	417	215	0	0	0	0.00	3.00	0
CO17550+	CO17549	18.20	1 1-	4ACSR	0	0	412	214	0	0	0	0.00	3.00	0
CO17531+	CO17526	16.54	2 1-	4ACSR	0	0	471	230	2	0	0	0.00	2.55	0
CO17532+	CO17574	16.46	1 1-	4ACSR	0	0	474	231	0	0	0	0.00	2.51	0
CO19079+	CO19040	15.19	1 1-	4ACSR	0	0	531	246	0	0	0	0.00	1.98	0
CO19080+	CO19079	15.28	0 1-	4ACSR	0	0	527	245	0	0	0	0.00	1.98	0
CO19075+	CO19121	15.03	3 1-	4ACSR	0	0	539	247	23	1	1	0.00	1.91	0
CO19076+	CO19075	15.15	3 1-	4ACSR	0	0	533	246	23	1	1	0.00	1.91	0
CO19077+	CO19076	15.21	2 1-	4ACSR	0	0	530	245	15	1	1	0.00	1.91	0
CO19078+	CO19077	15.26	1 1-	4ACSR	0	0	527	245	8	0	0	0.00	1.91	0
CO19070+	CO19110	14.19	2 1-	4ACSR	0	0	584	258	7	0	0	0.00	1.41	0
CO19071+	CO19070	14.27	1 1-	4ACSR	0	0	580	257	6	0	0	0.00	1.41	0
CO19072+	CO19071	14.36	1 1-	4ACSR	0	0	575	256	6	0	0	0.00	1.41	0
CO19097+	CO19107	13.54	387 3-	1/0ACSR	815	763	625	267	1719	38	17	0.01	1.04	40
CO23762+	CO19097	13.66	387 3-	1/0ACSR	809	758	619	266	1719	38	17	0.04	1.07	100
CO19300+	CO23762	13.75	386 3-	1/0ACSR	804	753	616	266	1716	38	17	0.03	1.10	75
CO19301+	CO19300	13.77	386 3-	1/0ACSR	803	752	614	266	1716	38	17	0.01	1.11	22
CO19409+	CO19301	13.79	385 3-	1/0ACSR	801	751	614	265	1714	38	17	0.01	1.11	18
CO19410+	CO19409	13.82	384 3-	1/0ACSR	800	750	613	265	1701	37	17	0.01	1.12	19
CO19443+	CO19410	13.82	383 3-	1/0ACSR	800	750	612	265	1687	37	16	0.00	1.12	5
OC583+	CO19443	13.82	383 3-	70 E OCR	800	750	612	265	1687	37	54	0.00	1.12	0
CO19444+	OC583	14.11	383 3-	1/0ACSR	786	736	600	263	1687	37	16	0.09	1.21	231
CO19239+	CO19444	14.22	375 3-	1/0ACSR	780	731	596	262	1662	37	16	0.03	1.24	92
CO-1187315900+	CO19239	14.32	1 1-	2ACSR	0	0	591	261	2	0	0	0.00	1.24	0
CO19303+	CO19239	14.40	373 3-	1/0ACSR	771	723	589	261	1649	36	16	0.05	1.30	138
CO19304+	CO19303	14.47	373 3-	1/0ACSR	768	720	586	261	1648	36	16	0.02	1.32	59
CO19302+	CO19304	14.66	373 3-	1/0ACSR	759	712	578	259	1648	36	16	0.06	1.37	148
CO19265+	CO19302	14.73	0 1-	4ACSR	0	0	575	258	0	0	0	0.00	1.37	0
CO19240+	CO19302	14.73	373 3-	1/0ACSR	756	709	576	259	1647	36	16	0.02	1.39	49

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19266+	CO19240	14.78	2 1-	4ACSR	0	0	573	258	11	0	1	0.00	1.39	0
CO19242+	CO19240	14.86	371 3-	1/0ACSR	749	703	571	258	1636	36	16	0.04	1.43	103
CO19297+	CO19242	14.92	1 1-	2ACSR	0	0	568	257	3	0	0	0.00	1.43	0
CO19243+	CO19242	14.96	366 3-	1/0ACSR	745	699	567	257	1610	36	16	0.03	1.46	69
CO19380+	CO19243	15.00	4 1-	4ACSR	0	0	565	257	12	0	1	0.00	1.46	0
CO19381+	CO19380	15.03	4 1-	4ACSR	0	0	563	256	12	0	1	0.00	1.46	0
CO19367+	CO19243	15.06	4 1-	1/0ACSR	0	0	564	256	25	1	1	0.00	1.46	0
CO19368+	CO19367	15.18	2 1-	1/0ACSR	0	0	559	256	12	0	0	0.00	1.46	0
CO1984648975+	CO19368	15.20	0 1-	2ACSR	0	0	558	255	0	0	0	0.00	1.46	0
CO19369+	CO19368	15.31	0 1-	1/0ACSR	0	0	554	255	0	0	0	0.00	1.46	0
CO19244+	CO19243	15.09	358 3-	1/0ACSR	739	694	562	256	1573	35	15	0.04	1.49	93
CO19276+	CO19244	15.13	1 1-	4ACSR	0	0	560	256	6	0	0	0.00	1.49	0
CO19268+	CO19244	15.16	1 1-	4ACSR	0	0	558	255	2	0	0	0.00	1.49	0
CO19245+	CO19244	15.21	356 3-	1/0ACSR	734	689	558	255	1564	34	15	0.03	1.53	87
CO19269+	CO19245	15.27	1 1-	4ACSR	0	0	555	255	7	0	0	0.00	1.53	0
CO19310+	CO19245	15.26	355 3-	1/0ACSR	732	687	556	255	1557	34	15	0.01	1.54	36
CO19311+	CO19310	15.33	354 3-	1/0ACSR	729	684	554	255	1556	34	15	0.02	1.56	47
CO19309+	CO19311	15.42	353 3-	1/0ACSR	725	681	551	254	1552	34	15	0.02	1.58	60
CO19308+	CO19309	15.54	353 3-	1/0ACSR	720	676	546	253	1552	34	15	0.03	1.62	86
CO19307+	CO19308	15.63	353 3-	1/0ACSR	716	672	543	252	1552	34	15	0.03	1.64	64
CO19306+	CO19307	15.75	353 3-	1/0ACSR	711	668	539	252	1551	34	15	0.03	1.68	81
CO19305+	CO19306	15.82	353 3-	1/0ACSR	708	665	537	251	1551	34	15	0.02	1.70	51
CO19370+	CO19305	15.93	1 1-	4ACSR	0	0	531	250	3	0	0	0.00	1.70	0
CO19371+	CO19370	15.96	1 1-	4ACSR	0	0	530	249	3	0	0	0.00	1.70	0
CO19411+	CO19305	15.87	352 3-	1/0ACSR	706	663	535	251	1548	34	15	0.01	1.71	30
CO19412+	CO19411	15.93	351 3-	1/0ACSR	703	661	533	250	1546	34	15	0.02	1.73	47
CO19413+	CO19412	16.02	350 3-	1/0ACSR	700	658	530	250	1543	34	15	0.02	1.75	56
CO19414+	CO19413	16.08	349 3-	1/0ACSR	698	655	528	249	1534	34	15	0.02	1.77	42
CO19246+	CO19414	16.17	347 3-	1/0ACSR	694	652	525	249	1529	34	15	0.03	1.79	64
CO19271+	CO19246	16.29	3 1-	4ACSR	0	0	520	247	7	0	0	0.00	1.79	0
CO-885644322+	CO19271	16.35	1 1-	2ACSR	0	0	518	247	1	0	0	0.00	1.79	0
CO19315+	CO19246	16.28	343 3-	1/0ACSR	690	648	522	248	1522	34	15	0.03	1.82	71
CO-2059119804+	CO19315	16.41	0 1-	2ACSR	0	0	517	247	0	0	0	0.00	1.82	0
CO19316+	CO19315	16.36	342 3-	1/0ACSR	687	645	520	248	1518	34	15	0.02	1.84	52
CO19296+	CO19316	16.40	1 1-	1/0AAAC	0	0	518	247	6	0	0	0.00	1.84	0
CO19314+	CO19316	16.48	341 3-	1/0ACSR	682	641	516	247	1512	33	15	0.03	1.87	77
CO19313+	CO19314	16.55	340 3-	1/0ACSR	679	638	514	246	1502	33	15	0.02	1.89	50
CO19312+	CO19313	16.63	335 3-	1/0ACSR	676	636	511	246	1482	33	14	0.02	1.91	49
CO19427+	CO19312	16.70	4 1-	4ACSR	0	0	508	245	16	1	1	0.00	1.91	0
CO19429+	CO19427	16.77	2 1-	4ACSR	0	0	505	244	9	0	0	0.00	1.91	0
CO19430+	CO19429	16.85	1 1-	4ACSR	0	0	502	243	9	0	0	0.00	1.91	0
CO19428+	CO19430	16.92	0 1-	4ACSR	0	0	499	242	0	0	0	0.00	1.91	0
CO19372+	CO19312	16.66	3 1-	4ACSR	0	0	510	246	29	1	1	0.00	1.91	0
CO19373+	CO19372	16.76	2 1-	4ACSR	0	0	505	244	18	1	1	0.00	1.91	0
CO19374+	CO19373	16.81	0 1-	4ACSR	0	0	503	244	0	0	0	0.00	1.91	0
CO19247+	CO19312	16.79	326 3-	1/0ACSR	670	630	506	245	1432	32	14	0.04	1.95	97
CO1619992266+	CO19247	16.86	1 1-	2ACSR	0	0	504	244	3	0	0	0.00	1.95	0
CO19375+	CO19247	16.85	1 1-	4ACSR	0	0	504	244	7	0	0	0.00	1.95	0
CO19376+	CO19375	16.91	1 1-	4ACSR	0	0	501	243	7	0	0	0.00	1.95	0
CO19318+	CO19247	16.89	322 3-	1/0ACSR	667	627	504	244	1408	31	14	0.02	1.98	52
CO19319+	CO19318	16.95	320 3-	1/0ACSR	664	624	502	244	1405	31	14	0.02	1.99	39
CO19317+	CO19319	16.98	319 3-	1/0ACSR	664	624	501	244	1404	31	14	0.01	2.00	14

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19445+	CO19317	16.99	8 1-	4ACSR	0	0	501	244	24	1	1	0.00	2.00	0
OC579+	CO19445	16.99	8 1-	10 N FUSE	0	0	501	244	24	1	17	0.00	2.00	0
CO19446+	OC579	17.13	8 1-	4ACSR	0	0	495	242	24	1	1	0.01	2.00	0
CO19275+	CO19446	17.24	0 1-	4ACSR	0	0	490	241	0	0	0	0.00	2.00	0
CO19321+	CO19446	17.18	8 1-	4ACSR	0	0	492	241	24	1	1	0.00	2.01	0
CO19322+	CO19321	17.29	7 1-	4ACSR	0	0	488	240	24	1	1	0.00	2.01	0
CO19320+	CO19322	17.36	5 1-	4ACSR	0	0	485	239	22	1	1	0.00	2.01	0
CO19248+	CO19320	17.49	4 1-	4ACSR	0	0	480	238	17	1	1	0.00	2.02	0
CO19273+	CO19248	17.62	2 1-	4ACSR	0	0	475	236	2	0	0	0.00	2.02	0
CO19377+	CO19248	17.55	2 1-	4ACSR	0	0	478	237	15	1	1	0.00	2.02	0
CO19378+	CO19377	17.62	1 1-	4ACSR	0	0	475	236	4	0	0	0.00	2.02	0
CO19379+	CO19378	17.68	0 1-	4ACSR	0	0	473	236	0	0	0	0.00	2.02	0
CO19274+	CO19320	17.43	1 1-	4ACSR	0	0	482	238	4	0	0	0.00	2.01	0
CO19415+	CO19317	17.11	311 3-	1/0ACSR	659	619	497	243	1380	30	13	0.03	2.03	74
CO19416+	CO19415	17.17	308 3-	1/0ACSR	657	617	495	242	1371	30	13	0.01	2.04	33
CO19451+	CO19416	17.36	308 3-	1/0ACSR	650	611	490	241	1371	30	13	0.04	2.09	103
CO19249+	CO19451	17.48	3 1-	4ACSR	0	0	485	240	3	0	0	0.00	2.09	0
CO19278+	CO19249	17.69	1 1-	4ACSR	0	0	477	238	0	0	0	0.00	2.09	0
CO19277+	CO19249	17.57	2 1-	4ACSR	0	0	482	239	3	0	0	0.00	2.09	0
CO19328+	CO19451	17.42	305 3-	1/0ACSR	648	609	488	241	1367	30	13	0.01	2.10	31
CO19329+	CO19328	17.61	305 3-	1/0ACSR	641	603	483	240	1367	31	14	0.05	2.16	110
CO19330+	CO19329	17.66	305 3-	1/0ACSR	640	602	482	239	1366	31	14	0.02	2.17	31
CO19417+	CO19330	17.75	206 3-	1/0ACSR	637	599	479	239	915	21	9	0.02	2.19	23
CO19418+	CO19417	17.82	206 3-	1/0ACSR	635	597	478	238	915	21	9	0.01	2.20	17
CO19419+	CO19418	17.86	204 3-	1/0ACSR	633	595	476	238	906	21	9	0.01	2.21	12
CO19439+	CO19419	17.90	196 3-	1/0ACSR	632	594	475	238	853	19	9	0.01	2.22	8
CO19440+	CO19439	17.94	195 3-	1/0ACSR	631	593	474	238	848	19	9	0.01	2.22	8
CO19258+	CO19440	17.98	193 3-	1/0ACSR	629	592	473	237	834	19	8	0.01	2.23	8
CO19290+	CO19258	18.05	2 1-	4ACSR	0	0	471	237	20	1	1	0.00	2.23	0
CO19291+	CO19290	18.08	1 1-	4ACSR	0	0	470	236	11	0	1	0.00	2.23	0
CO19356+	CO19258	18.03	189 3-	1/0ACSR	627	590	472	237	808	18	8	0.01	2.24	12
CO19357+	CO19356	18.13	189 3-	1/0ACSR	624	587	470	237	808	18	8	0.02	2.26	19
CO19358+	CO19357	18.19	186 3-	1/0ACSR	622	586	468	236	794	18	8	0.01	2.27	12
CO741697535+	CO19358	18.25	1 1-	2ACSR	0	0	466	236	12	0	0	0.00	2.27	0
CO-913401232+	CO741697535	18.30	1 1-	2ACSR	0	0	465	235	12	0	0	0.00	2.27	0
CO-51514709+	CO-913401232	18.35	1 1-	2ACSR	0	0	463	235	12	0	0	0.00	2.27	0
CO-1171653460+	CO-51514709	18.43	1 1-	2ACSR	0	0	461	234	12	0	0	0.00	2.27	0
CO-299984558+	CO-1171653460	18.51	1 1-	2ACSR	0	0	459	234	12	0	0	0.00	2.27	0
CO-164659230+	CO-299984558	18.56	1 1-	2ACSR	0	0	457	233	12	0	0	0.00	2.27	0
CO616544130+	CO-164659230	18.61	1 1-	2ACSR	0	0	456	233	12	0	0	0.00	2.27	0
CO19359+	CO19358	18.22	183 3-	1/0ACSR	621	585	467	236	777	18	8	0.01	2.27	7
CO23727+	CO19359	18.50	183 3-	1/0ACSR	613	577	460	234	777	18	8	0.05	2.32	52
XFMR47	CO23727	18.50	183 3-	167 KVA 1PH AUT	524	502	459	155	777	18	157	1.34	3.67	0
CO19656	XFMR47	18.58	1 1-	4ACSR	0	0	454	155	3	0	0	0.00	3.68	0
CO19638	XFMR47	18.60	182 3-	1/0ACSR	520	498	454	155	774	36	16	0.07	3.74	80
CO19639	CO19638	18.78	176 3-	1/0ACSR	514	491	446	154	741	34	15	0.11	3.84	119
CO19795	CO19639	18.78	21 1-	4ACSR	0	0	446	154	75	10	8	0.00	3.86	0
OC593	CO19795	18.78	21 1-	15 H OCR	0	0	446	154	75	10	71	0.00	3.86	0
CO19796	OC593	18.82	21 1-	4ACSR	0	0	444	154	75	10	8	0.02	3.88	2
CO19710	CO19796	18.86	20 1-	4ACSR	0	0	442	153	75	10	8	0.02	3.89	2
CO19711	CO19710	18.94	20 1-	4ACSR	0	0	437	153	75	10	8	0.04	3.93	4
CO19712	CO19711	19.01	19 1-	4ACSR	0	0	434	152	71	10	7	0.03	3.96	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19666	CO19712	19.06	2 1-	4ACSR	0	0	431	151	4	0	0	0.00	3.96	0
CO19648	CO19712	19.11	15 1-	4ACSR	0	0	428	151	61	8	6	0.04	4.00	3
CO19746	CO19648	19.15	3 1-	4ACSR	0	0	426	151	12	1	1	0.00	4.00	0
CO19747	CO19746	19.18	1 1-	4ACSR	0	0	424	150	0	0	0	0.00	4.00	0
CO539283679	CO19747	19.24	1 1-	2ACSR	0	0	421	150	0	0	0	0.00	4.00	0
CO19715	CO19648	19.16	9 1-	4ACSR	0	0	425	151	37	5	4	0.01	4.01	0
CO19716	CO19715	19.18	7 1-	4ACSR	0	0	424	150	23	3	2	0.00	4.01	0
CO19714	CO19716	19.24	6 1-	4ACSR	0	0	421	150	23	3	2	0.01	4.02	0
CO19713	CO19714	19.29	6 1-	4ACSR	0	0	419	149	23	3	2	0.01	4.02	0
CO19767	CO19713	19.34	3 1-	4ACSR	0	0	416	149	10	1	1	0.00	4.03	0
CO23728	CO19767	19.42	1 1-	4ACSR	0	0	412	148	3	0	0	0.00	4.03	0
CO19360	CO23728	19.55	1 1-	4ACSR	0	0	405	147	3	0	0	0.00	4.03	0
CO19361	CO19360	19.62	1 1-	4ACSR	0	0	402	147	3	0	0	0.00	4.03	0
CO19362	CO19361	19.68	1 1-	4ACSR	0	0	399	146	3	0	0	0.00	4.03	0
CO19667	CO19713	19.33	1 1-	4ACSR	0	0	416	149	6	0	1	0.00	4.03	0
CO19793	CO19639	18.78	50 1-	4ACSR	0	0	446	154	208	29	21	0.01	3.85	3
OC592	CO19793	18.78	50 1-	H OCR	0	0	446	154	208	29	58	0.00	3.85	0
CO19794	OC592	18.86	50 1-	4ACSR	0	0	442	153	208	29	21	0.10	3.95	35
CO19669	CO19794	18.90	0 1-	4ACSR	0	0	440	153	0	0	0	0.00	3.95	0
CO19662	CO19794	18.93	1 1-	4ACSR	0	0	438	153	8	1	1	0.00	3.95	0
CO19702	CO19794	18.91	42 1-	4ACSR	0	0	439	153	185	26	19	0.07	4.02	20
CO19703	CO19702	18.95	42 1-	4ACSR	0	0	437	152	185	26	19	0.04	4.06	13
CO19647	CO19703	19.07	39 1-	4ACSR	0	0	430	151	178	25	18	0.14	4.19	39
CO19640	CO19647	19.13	33 1-	4ACSR	0	0	427	151	158	22	16	0.06	4.26	16
CO19641	CO19640	19.18	10 1-	4ACSR	0	0	424	150	47	6	5	0.01	4.27	0
CO19773	CO19641	19.26	3 1-	4ACSR	0	0	420	150	13	1	1	0.00	4.27	0
CO19774	CO19773	19.33	1 1-	4ACSR	0	0	416	149	1	0	0	0.00	4.27	0
CO19642	CO19641	19.22	7 1-	4ACSR	0	0	422	150	34	4	3	0.01	4.28	0
CO19643	CO19642	19.27	4 1-	4ACSR	0	0	420	150	14	2	1	0.00	4.28	0
CO19657	CO19643	19.34	0 1-	4ACSR	0	0	416	149	0	0	0	0.00	4.28	0
CO19733	CO19643	19.34	4 1-	4ACSR	0	0	416	149	14	2	1	0.01	4.29	0
CO19734	CO19733	19.42	2 1-	4ACSR	0	0	412	148	9	1	1	0.00	4.29	0
CO19735	CO19734	19.53	1 1-	4ACSR	0	0	406	147	2	0	0	0.00	4.29	0
CO19736	CO19642	19.31	3 1-	4ACSR	0	0	418	149	20	2	2	0.01	4.29	0
CO19737	CO19736	19.38	1 1-	4ACSR	0	0	414	149	5	0	0	0.00	4.29	0
CO19658	CO19640	19.21	1 1-	4ACSR	0	0	423	150	2	0	0	0.00	4.26	0
CO19644	CO19640	19.41	22 1-	4ACSR	0	0	412	148	110	15	11	0.20	4.45	36
CO30552	CO19644	19.46	21 1-	4ACSR	0	0	409	148	106	14	11	0.04	4.49	7
CO19738	CO30552	19.49	1 1-	4ACSR	0	0	408	148	11	1	1	0.00	4.49	0
CO19739	CO19738	19.54	1 1-	4ACSR	0	0	406	147	11	1	1	0.00	4.50	0
CO19740	CO19739	19.57	1 1-	4ACSR	0	0	404	147	11	1	1	0.00	4.50	0
CO19707	CO30552	19.51	20 1-	4ACSR	0	0	407	148	95	13	10	0.03	4.52	5
CO19708	CO19707	19.56	20 1-	4ACSR	0	0	405	147	95	13	10	0.03	4.55	4
CO19709	CO19708	19.64	20 1-	4ACSR	0	0	401	146	95	13	10	0.05	4.60	8
CO19741	CO19709	19.67	2 1-	4ACSR	0	0	399	146	17	2	2	0.00	4.60	0
CO19742	CO19741	19.71	0 1-	4ACSR	0	0	397	146	0	0	0	0.00	4.60	0
CO19645	CO19709	19.70	18 1-	4ACSR	0	0	398	146	77	10	8	0.03	4.63	4
CO19646	CO19645	19.78	15 1-	4ACSR	0	0	394	145	44	6	4	0.02	4.65	0
CO19775	CO19646	19.82	1 1-	4ACSR	0	0	392	145	1	0	0	0.00	4.65	0
CO19776	CO19775	19.90	1 1-	4ACSR	0	0	388	144	1	0	0	0.00	4.65	0
CO19704	CO19646	19.89	13 1-	4ACSR	0	0	389	144	39	5	4	0.03	4.68	0
CO19705	CO19704	19.98	12 1-	4ACSR	0	0	384	144	37	5	4	0.02	4.70	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19706	CO19705	20.10	11 1-	4ACSR	0	0	379	143	36	5	4	0.03	4.73	0
CO19744	CO19706	20.24	2 1-	4ACSR	0	0	372	142	10	1	1	0.01	4.73	0
CO19745	CO19744	20.28	1 1-	4ACSR	0	0	371	141	6	0	1	0.00	4.74	0
CO19743	CO19745	20.33	1 1-	4ACSR	0	0	369	141	6	0	1	0.00	4.74	0
CO19762	CO19706	20.23	8 1-	4ACSR	0	0	373	142	24	3	2	0.02	4.75	0
CO19763	CO19762	20.28	7 1-	4ACSR	0	0	371	141	24	3	2	0.01	4.75	0
CO19764	CO19763	20.32	6 1-	4ACSR	0	0	369	141	20	2	2	0.00	4.76	0
CO19765	CO19764	20.40	5 1-	4ACSR	0	0	365	140	18	2	2	0.01	4.77	0
CO19766	CO19765	20.46	3 1-	4ACSR	0	0	363	140	10	1	1	0.00	4.77	0
CO23729	CO19766	20.57	3 1-	4ACSR	0	0	358	139	10	1	1	0.01	4.78	0
CO19426	CO23729	20.64	3 1-	4ACSR	0	0	355	138	10	1	1	0.00	4.78	0
CO19425	CO19426	20.70	1 1-	4ACSR	0	0	353	138	3	0	0	0.00	4.78	0
CO19660	CO19645	19.74	1 1-	4ACSR	0	0	396	146	29	4	3	0.00	4.63	0
CO537843811	CO19645	19.78	2 1-	2ACSR	0	0	394	145	5	0	0	0.00	4.63	0
CO-1510353021	CO537843811	19.86	2 1-	2ACSR	0	0	391	145	5	0	0	0.00	4.63	0
CO-444335276	CO-1510353021	19.95	2 1-	2ACSR	0	0	388	144	5	0	0	0.00	4.64	0
CO266979456	CO-444335276	20.04	2 1-	2ACSR	0	0	384	144	5	0	0	0.00	4.64	0
CO-1041069549	CO266979456	20.13	1 1-	2ACSR	0	0	381	143	5	0	0	0.00	4.64	0
CO1423033009	CO-1041069549	20.21	1 1-	2ACSR	0	0	378	143	5	0	0	0.00	4.64	0
CO660605944	CO1423033009	20.27	1 1-	2ACSR	0	0	375	143	5	0	0	0.00	4.64	0
CO765348884	CO660605944	20.33	1 1-	2ACSR	0	0	373	142	5	0	0	0.00	4.64	0
CO-1042274841	CO266979456	20.19	1 1-	2ACSR	0	0	378	143	0	0	0	0.00	4.64	0
CO19659	CO19644	19.47	1 1-	4ACSR	0	0	409	148	4	0	0	0.00	4.45	0
CO19661	CO19647	19.15	1 1-	4ACSR	0	0	426	151	4	0	0	0.00	4.20	0
CO19665	CO19703	19.00	2 1-	4ACSR	0	0	434	152	4	0	0	0.00	4.06	0
CO19791	CO19794	18.87	6 1-	4ACSR	0	0	441	153	14	1	1	0.00	3.95	0
OC591	CO19791	18.87	6 1-	10 N FUSE	0	0	441	153	14	1	20	0.00	3.95	0
CO19792	OC591	18.93	6 1-	4ACSR	0	0	438	153	14	1	1	0.01	3.96	0
CO19780	CO19792	19.05	4 1-	4ACSR	0	0	431	152	9	1	1	0.00	3.96	0
CO19781	CO19780	19.16	3 1-	4ACSR	0	0	425	151	3	0	0	0.00	3.96	0
CO19664	CO19781	19.21	2 1-	4ACSR	0	0	423	150	3	0	0	0.00	3.96	0
CO19663	CO19781	19.22	0 1-	4ACSR	0	0	422	150	0	0	0	0.00	3.96	0
CO19789	CO19639	18.78	105 1-	4ACSR	0	0	446	154	457	64	46	0.02	3.86	15
OC590	CO19789	18.78	105 1-	50 H OCR	0	0	446	154	457	64	129	0.00	3.86	0
CO19790	OC590	18.80	105 1-	4ACSR	0	0	445	154	457	64	46	0.04	3.90	29
CO19717	CO19790	18.81	104 1-	4ACSR	0	0	444	154	447	62	45	0.05	3.95	36
CO19799	CO19717	19.10	103 1-	4ACSR	0	0	428	151	446	62	45	0.83	4.78	602
CO19683	CO19799	19.12	98 1-	4ACSR	0	0	428	151	404	57	41	0.04	4.82	26
CO19684	CO19683	19.16	98 1-	4ACSR	0	0	425	151	404	57	41	0.10	4.92	68
CO19682	CO19684	19.18	97 1-	4ACSR	0	0	424	150	394	55	40	0.05	4.97	34
CO19681	CO19682	19.20	97 1-	4ACSR	0	0	423	150	394	55	40	0.05	5.02	33
CO19680	CO19681	19.31	95 1-	4ACSR	0	0	418	149	384	54	39	0.27	5.29	170
CO-1499584120	CO19680	19.35	10 1-	2ACSR	0	0	416	149	44	6	3	0.01	5.30	0
CO1141996931	CO-1499584120	19.40	3 1-	2ACSR	0	0	413	149	12	1	1	0.00	5.30	0
CO896198273	CO-1499584120	19.40	7 1-	2ACSR	0	0	413	149	32	4	3	0.01	5.31	0
CO19721	CO896198273	19.50	3 1-	4ACSR	0	0	409	148	12	1	1	0.00	5.31	0
CO19722	CO19721	19.54	1 1-	4ACSR	0	0	406	147	0	0	0	0.00	5.31	0
CO19731	CO896198273	19.43	4 1-	4ACSR	0	0	412	148	20	2	2	0.00	5.31	0
CO19732	CO19731	19.47	2 1-	4ACSR	0	0	410	148	11	1	1	0.00	5.32	0
CO19633	CO19680	19.37	58 1-	4ACSR	0	0	414	149	241	34	24	0.09	5.39	36
CO19777	CO19633	19.41	48 1-	4ACSR	0	0	412	148	196	27	20	0.05	5.44	17
CO1928293004	CO19777	19.45	2 1-	2ACSR	0	0	410	148	11	1	1	0.00	5.44	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-1371730700	CO1928293004	19.49	2 1-	2ACSR	0	0	409	148	11	1	1	0.00	5.44	0
CO19778	CO19777	19.48	44 1-	4ACSR	0	0	409	148	175	25	18	0.07	5.51	21
CO19779	CO19778	19.61	44 1-	4ACSR	0	0	402	147	175	25	18	0.16	5.67	45
CO19718	CO19779	19.66	2 1-	4ACSR	0	0	400	146	7	1	1	0.00	5.67	0
CO19719	CO19718	19.72	0 1-	4ACSR	0	0	397	146	0	0	0	0.00	5.67	0
CO19678	CO19779	19.69	9 1-	4ACSR	0	0	398	146	44	6	4	0.02	5.69	0
CO19679	CO19678	19.77	8 1-	4ACSR	0	0	394	145	40	5	4	0.02	5.71	0
CO19785	CO19679	19.81	3 1-	4ACSR	0	0	392	145	18	2	2	0.00	5.71	0
CO19786	CO19785	19.88	2 1-	4ACSR	0	0	389	144	15	2	1	0.01	5.72	0
CO19654	CO19786	19.92	1 1-	4ACSR	0	0	387	144	9	1	1	0.00	5.72	0
CO19655	CO19679	19.85	1 1-	4ACSR	0	0	391	145	4	0	0	0.00	5.71	0
CO19787	CO19779	19.62	31 1-	4ACSR	0	0	402	147	119	16	12	0.01	5.68	0
OC589	CO19787	19.62	31 1-	15 H OCR	0	0	402	147	119	16	113	0.00	5.68	0
CO19788	OC589	19.71	31 1-	4ACSR	0	0	397	146	119	16	12	0.07	5.75	14
CO19756	CO19788	19.72	31 1-	4ACSR	0	0	397	146	119	16	12	0.01	5.76	0
CO19755	CO19756	19.80	31 1-	4ACSR	0	0	393	145	119	16	12	0.06	5.81	11
CO19754	CO19755	19.86	30 1-	4ACSR	0	0	390	145	115	16	12	0.05	5.86	8
CO1585010896	CO19754	20.10	1 1-	2ACSR	0	0	381	143	0	0	0	0.00	5.86	0
CO-1934599806	CO19754	19.97	2 1-	2ACSR	0	0	386	144	5	0	0	0.00	5.86	0
CO19752	CO19754	19.99	25 1-	4ACSR	0	0	384	144	97	13	10	0.08	5.94	12
CO19753	CO19752	20.03	23 1-	4ACSR	0	0	382	143	88	12	9	0.02	5.96	3
CO19751	CO19753	20.07	22 1-	4ACSR	0	0	380	143	79	11	8	0.02	5.98	3
CO19632	CO19751	20.22	13 1-	4ACSR	0	0	373	142	50	7	5	0.05	6.03	4
CO19759	CO19632	20.34	5 1-	4ACSR	0	0	368	141	15	2	2	0.01	6.04	0
CO19760	CO19759	20.49	5 1-	4ACSR	0	0	362	140	15	2	2	0.01	6.05	0
CO19761	CO19760	20.60	1 1-	4ACSR	0	0	357	139	0	0	0	0.00	6.05	0
CO19672	CO19632	20.38	8 1-	4ACSR	0	0	366	140	35	5	4	0.04	6.07	0
CO19673	CO19672	20.51	8 1-	4ACSR	0	0	361	139	35	5	4	0.03	6.09	0
CO19674	CO19673	20.56	7 1-	4ACSR	0	0	358	139	29	4	3	0.01	6.10	0
CO19675	CO19674	20.64	5 1-	4ACSR	0	0	355	138	21	2	2	0.01	6.11	0
CO19676	CO19675	20.72	4 1-	4ACSR	0	0	352	138	16	2	2	0.01	6.12	0
CO19677	CO19676	20.87	3 1-	4ACSR	0	0	346	137	13	1	1	0.01	6.13	0
CO122624752	CO19677	21.29	1 1-	2ACSR	0	0	333	135	5	0	0	0.01	6.13	0
CO19637	CO19751	20.11	8 1-	4ACSR	0	0	378	143	26	3	3	0.01	5.99	0
CO19696	CO19637	20.20	7 1-	4ACSR	0	0	374	142	23	3	2	0.01	6.00	0
CO19697	CO19696	20.28	6 1-	4ACSR	0	0	371	141	19	2	2	0.01	6.01	0
CO19698	CO19697	20.35	5 1-	4ACSR	0	0	368	141	12	1	1	0.00	6.01	0
CO19671	CO19698	20.41	1 1-	2ACSR	0	0	366	140	0	0	0	0.00	6.01	0
CO19699	CO19698	20.37	3 1-	4ACSR	0	0	367	141	5	0	0	0.00	6.01	0
CO19700	CO19699	20.54	3 1-	4ACSR	0	0	360	139	5	0	0	0.00	6.02	0
CO19701	CO19700	20.61	1 1-	4ACSR	0	0	357	139	2	0	0	0.00	6.02	0
CO19653	CO19637	20.26	1 1-	4ACSR	0	0	372	141	4	0	0	0.00	5.99	0
CO19769	CO19633	19.42	7 1-	4ACSR	0	0	412	148	32	4	3	0.01	5.40	0
CO19770	CO19769	19.46	5 1-	4ACSR	0	0	410	148	22	3	2	0.00	5.40	0
CO19768	CO19770	19.50	3 1-	4ACSR	0	0	408	148	14	2	1	0.00	5.40	0
CO19757	CO19680	19.37	24 1-	4ACSR	0	0	415	149	83	11	8	0.03	5.33	4
CO19758	CO19757	19.45	24 1-	4ACSR	0	0	410	148	83	11	8	0.04	5.37	6
CO19635	CO19758	19.52	22 1-	4ACSR	0	0	407	147	81	11	8	0.04	5.41	5
CO19634	CO19635	19.66	20 1-	4ACSR	0	0	400	146	71	10	7	0.06	5.47	7
CO19797	CO19634	19.67	18 1-	4ACSR	0	0	399	146	62	8	6	0.00	5.48	0
OC594	CO19797	19.67	18 1-	15 H OCR	0	0	399	146	62	8	58	0.00	5.48	0
CO19798	OC594	19.75	18 1-	4ACSR	0	0	395	146	62	8	6	0.03	5.51	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19771	CO19798	19.79	1 1-	4ACSR	0	0	393	145	9	1	1	0.00	5.51	0
CO19772	CO19771	19.84	0 1-	4ACSR	0	0	391	145	0	0	0	0.00	5.51	0
CO19694	CO19798	19.89	17 1-	4ACSR	0	0	389	144	53	7	5	0.05	5.55	4
CO-371434444	CO19694	19.93	1 1-	2ACSR	0	0	387	144	1	0	0	0.00	5.55	0
CO2067728736	CO-371434444	19.98	1 1-	2ACSR	0	0	385	144	1	0	0	0.00	5.55	0
CO19695	CO19694	19.91	15 1-	4ACSR	0	0	388	144	48	6	5	0.01	5.56	0
CO19693	CO19695	19.93	15 1-	4ACSR	0	0	387	144	48	6	5	0.01	5.57	0
CO19692	CO19693	19.99	14 1-	4ACSR	0	0	384	144	48	6	5	0.02	5.58	0
CO19691	CO19692	20.04	13 1-	4ACSR	0	0	382	143	33	4	3	0.01	5.59	0
CO19690	CO19691	20.47	12 1-	4ACSR	0	0	362	140	29	4	3	0.07	5.66	3
CO19689	CO19690	20.53	11 1-	4ACSR	0	0	360	139	20	2	2	0.01	5.67	0
CO19688	CO19689	20.65	10 1-	4ACSR	0	0	355	138	18	2	2	0.01	5.68	0
CO19687	CO19688	20.66	8 1-	4ACSR	0	0	354	138	11	1	1	0.00	5.68	0
CO19686	CO19687	20.67	8 1-	4ACSR	0	0	354	138	11	1	1	0.00	5.68	0
CO19685	CO19686	20.80	7 1-	4ACSR	0	0	349	137	11	1	1	0.01	5.69	0
CO19636	CO19685	20.92	5 1-	4ACSR	0	0	344	136	7	0	1	0.01	5.70	0
CO19729	CO19636	21.03	3 1-	4ACSR	0	0	340	136	2	0	0	0.00	5.70	0
CO19730	CO19729	21.14	1 1-	4ACSR	0	0	335	135	0	0	0	0.00	5.70	0
CO19652	CO19636	20.96	1 1-	4ACSR	0	0	342	136	5	0	1	0.00	5.70	0
CO19651	CO19685	20.91	0 1-	4ACSR	0	0	344	136	0	0	0	0.00	5.69	0
CO19725	CO19634	19.72	1 1-	4ACSR	0	0	397	146	7	0	1	0.00	5.47	0
CO19726	CO19725	19.79	1 1-	4ACSR	0	0	393	145	7	0	1	0.00	5.48	0
CO19727	CO19726	19.81	1 1-	4ACSR	0	0	392	145	7	0	1	0.00	5.48	0
CO19670	CO19727	19.86	0 1-	2ACSR	0	0	391	145	0	0	0	0.00	5.48	0
CO19728	CO19727	19.85	1 1-	4ACSR	0	0	391	145	7	0	1	0.00	5.48	0
CO19650	CO19635	19.67	2 1-	4ACSR	0	0	399	146	10	1	1	0.01	5.41	0
CO19649	CO19635	19.58	0 1-	4ACSR	0	0	403	147	0	0	0	0.00	5.41	0
CO19723	CO19758	19.62	1 1-	4ACSR	0	0	402	147	1	0	0	0.00	5.37	0
CO19724	CO19723	19.66	1 1-	4ACSR	0	0	400	146	1	0	0	0.00	5.37	0
CO19783	CO19799	19.18	4 1-	4ACSR	0	0	424	150	29	4	3	0.01	4.79	0
CO19800	CO19783	19.30	1 1-	4ACSR	0	0	418	149	12	1	1	0.00	4.79	0
CO19784	CO19783	19.23	2 1-	4ACSR	0	0	422	150	4	0	0	0.00	4.79	0
CO19782	CO19784	19.29	1 1-	4ACSR	0	0	418	149	3	0	0	0.00	4.79	0
CO19749	CO19638	18.64	4 1-	4ACSR	0	0	451	155	23	3	2	0.01	3.74	0
CO19668	CO19749	18.71	1 1-	4ACSR	0	0	448	154	11	1	1	0.00	3.74	0
CO19750	CO19749	18.68	3 1-	4ACSR	0	0	450	154	11	1	1	0.00	3.74	0
CO19748	CO19750	18.74	2 1-	4ACSR	0	0	446	154	8	1	1	0.00	3.74	0
CO19398+	CO19440	18.07	2 1-	4ACSR	0	0	469	236	14	0	1	0.00	2.23	0
CO19293+	CO19398	18.10	1 1-	2ACSR	0	0	468	236	6	0	0	0.00	2.23	0
CO19399+	CO19398	18.09	1 1-	4ACSR	0	0	469	236	8	0	0	0.00	2.23	0
CO19354+	CO19419	17.90	8 1-	4ACSR	0	0	475	238	53	3	3	0.00	2.21	0
CO19355+	CO19354	17.96	7 1-	4ACSR	0	0	473	237	45	3	2	0.00	2.22	0
CO19289+	CO19355	18.12	3 1-	4ACSR	0	0	467	235	21	1	1	0.00	2.22	0
CO19396+	CO19355	18.05	1 1-	4ACSR	0	0	469	236	11	0	1	0.00	2.22	0
CO19397+	CO19396	18.17	0 1-	4ACSR	0	0	465	235	0	0	0	0.00	2.22	0
CO19257+	CO19330	17.72	99 1-	4ACSR	0	0	479	239	451	31	22	0.04	2.22	32
CO19449+	CO19257	17.73	99 1-	4ACSR	0	0	479	239	451	31	22	0.00	2.22	3
OC584+	CO19449	17.73	99 1-	50 E OCR	0	0	479	239	451	31	63	0.00	2.22	0
CO19450+	OC584	17.79	99 1-	4ACSR	0	0	477	238	451	31	22	0.04	2.26	32
CO19280+	CO19450	17.85	0 1-	4ACSR	0	0	475	237	0	0	0	0.00	2.26	0
CO19331+	CO19450	17.94	98 1-	4ACSR	0	0	471	236	444	30	22	0.10	2.37	72
CO19332+	CO19331	17.97	96 1-	4ACSR	0	0	470	236	439	30	22	0.03	2.39	18

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19279+	CO19332	18.00	1 1-	4ACSR	0	0	469	236	2	0	0	0.00	2.39	0
CO19250+	CO19332	18.03	94 1-	4ACSR	0	0	468	235	419	29	21	0.04	2.43	25
CO19385+	CO19250	18.12	1 1-	4ACSR	0	0	464	234	12	0	1	0.00	2.43	0
CO19386+	CO19385	18.16	1 1-	4ACSR	0	0	463	234	12	0	1	0.00	2.43	0
CO19333+	CO19250	18.13	93 1-	4ACSR	0	0	464	234	407	28	20	0.06	2.49	42
CO19334+	CO19333	18.21	91 1-	4ACSR	0	0	461	233	398	27	20	0.05	2.54	32
CO19335+	CO19334	18.39	91 1-	4ACSR	0	0	454	231	398	27	20	0.12	2.66	75
CO19407+	CO19335	18.48	7 1-	4ACSR	0	0	451	230	36	2	2	0.00	2.66	0
CO19408+	CO19407	18.52	5 1-	4ACSR	0	0	450	230	30	2	1	0.00	2.67	0
CO19406+	CO19408	18.58	4 1-	4ACSR	0	0	448	229	24	1	1	0.00	2.67	0
CO19405+	CO19406	18.61	3 1-	4ACSR	0	0	447	229	20	1	1	0.00	2.67	0
CO19404+	CO19405	18.94	2 1-	4ACSR	0	0	435	226	20	1	1	0.01	2.68	0
CO19323+	CO19404	19.12	1 1-	4ACSR	0	0	429	224	7	0	0	0.00	2.68	0
CO19324+	CO19323	19.19	1 1-	4ACSR	0	0	427	223	7	0	0	0.00	2.68	0
CO19325+	CO19324	19.28	1 1-	4ACSR	0	0	424	222	7	0	0	0.00	2.68	0
CO19326+	CO19325	19.48	1 1-	4ACSR	0	0	418	220	7	0	0	0.00	2.68	0
CO19327+	CO19326	19.57	1 1-	4ACSR	0	0	415	219	7	0	0	0.00	2.68	0
CO19420+	CO19335	18.56	82 1-	4ACSR	0	0	448	230	355	24	18	0.10	2.76	57
CO19421+	CO19420	18.66	81 1-	4ACSR	0	0	445	228	354	24	18	0.06	2.81	32
CO19251+	CO19421	18.88	74 1-	4ACSR	0	0	437	226	322	22	16	0.11	2.93	60
CO19436+	CO19251	18.94	73 1-	4ACSR	0	0	435	226	319	22	16	0.03	2.96	16
CO19295+	CO19436	19.00	1 1-	2ACSR	0	0	434	225	2	0	0	0.00	2.96	0
CO19437+	CO19436	19.01	72 1-	4ACSR	0	0	433	225	317	22	16	0.03	2.99	17
CO19438+	CO19437	19.11	71 1-	4ACSR	0	0	430	224	310	21	15	0.05	3.04	24
CO19252+	CO19438	19.22	61 1-	4ACSR	0	0	426	223	260	18	13	0.05	3.09	20
CO19253+	CO19252	19.29	60 1-	4ACSR	0	0	424	222	260	18	13	0.03	3.12	12
CO19392+	CO19253	19.39	1 1-	4ACSR	0	0	421	221	2	0	0	0.00	3.12	0
CO19393+	CO19392	19.40	0 1-	4ACSR	0	0	421	221	0	0	0	0.00	3.12	0
CO19254+	CO19253	19.38	59 1-	4ACSR	0	0	421	221	258	18	13	0.04	3.16	16
CO19342+	CO19254	19.40	52 1-	4ACSR	0	0	420	221	237	16	12	0.01	3.16	3
CO1320575959+	CO19342	19.42	51 1-	2ACSR	0	0	420	221	228	15	9	0.00	3.17	0
CO1850952718+	CO1320575959	19.45	50 1-	2ACSR	0	0	419	221	218	15	8	0.01	3.18	3
CO19344+	CO1850952718	19.47	50 1-	4ACSR	0	0	419	221	218	15	11	0.01	3.18	2
CO19345+	CO19344	19.49	49 1-	4ACSR	0	0	418	220	209	14	10	0.01	3.19	3
CO19255+	CO19345	19.53	48 1-	4ACSR	0	0	417	220	209	14	10	0.01	3.20	4
CO19256+	CO19255	19.57	46 1-	4ACSR	0	0	415	220	191	13	10	0.01	3.22	4
CO19447+	CO19256	19.58	45 1-	4ACSR	0	0	415	219	187	13	9	0.00	3.22	0
OC580+	CO19447	19.58	45 1-	10 N FUSE	0	0	415	219	187	13	131	0.00	3.22	0
CO19448+	OC580	19.62	45 1-	4ACSR	0	0	414	219	187	13	9	0.01	3.23	4
CO19346+	CO19448	19.66	44 1-	4ACSR	0	0	413	219	182	12	9	0.01	3.24	3
CO19347+	CO19346	19.76	41 1-	4ACSR	0	0	410	218	163	11	8	0.03	3.27	7
CO19348+	CO19347	19.87	40 1-	4ACSR	0	0	407	217	155	10	8	0.03	3.29	7
CO23764+	CO19348	20.10	39 1-	4ACSR	0	0	400	215	153	10	8	0.06	3.35	14
CO19145+	CO23764	20.22	39 1-	4ACSR	0	0	396	213	153	10	8	0.03	3.38	7
CO19146+	CO19145	20.26	37 1-	4ACSR	0	0	395	213	145	10	7	0.01	3.39	2
CO19132+	CO19146	20.29	36 1-	4ACSR	0	0	394	213	142	9	7	0.01	3.40	0
CO-1835340489+	CO19132	20.32	1 1-	2ACSR	0	0	394	213	6	0	0	0.00	3.40	0
CO19054+	CO19132	20.35	2 1-	4ACSR	0	0	393	212	5	0	0	0.00	3.40	0
CO19133+	CO19132	20.38	16 1-	4ACSR	0	0	392	212	70	4	4	0.01	3.41	0
CO19134+	CO19133	20.42	15 1-	4ACSR	0	0	391	212	68	4	3	0.00	3.41	0
CO19089+	CO19134	20.52	2 1-	4ACSR	0	0	388	211	18	1	1	0.00	3.41	0
CO19098+	CO19089	20.75	2 1-	4ACSR	0	0	382	209	18	1	1	0.01	3.42	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19149+	CO19098	20.86	2 1-	4ACSR	0	0	379	208	18	1	1	0.00	3.42	0
CO19150+	CO19149	20.91	1 1-	4ACSR	0	0	378	207	8	0	0	0.00	3.42	0
CO19057+	CO19134	20.53	13 1-	4ACSR	0	0	388	211	50	3	3	0.01	3.42	0
CO19058+	CO19057	20.57	13 1-	4ACSR	0	0	387	210	50	3	3	0.00	3.42	0
CO19130+	CO19058	20.70	11 1-	4ACSR	0	0	383	209	45	3	2	0.01	3.43	0
CO19131+	CO19130	20.75	10 1-	4ACSR	0	0	382	209	43	2	2	0.00	3.44	0
CO23765+	CO19131	20.80	9 1-	4ACSR	0	0	380	208	42	2	2	0.00	3.44	0
CO19353+	CO23765	20.86	9 1-	4ACSR	0	0	379	208	42	2	2	0.00	3.44	0
CO19352+	CO19353	20.93	8 1-	4ACSR	0	0	377	207	40	2	2	0.00	3.45	0
CO19351+	CO19352	21.04	6 1-	4ACSR	0	0	374	206	32	2	2	0.00	3.45	0
CO19350+	CO19351	21.13	5 1-	4ACSR	0	0	372	205	22	1	1	0.00	3.45	0
CO19349+	CO19350	21.18	5 1-	4ACSR	0	0	371	205	22	1	1	0.00	3.46	0
CO19423+	CO19349	21.23	3 1-	4ACSR	0	0	370	205	15	1	1	0.00	3.46	0
CO19424+	CO19423	21.26	3 1-	4ACSR	0	0	369	204	15	1	1	0.00	3.46	0
CO19422+	CO19424	21.30	2 1-	4ACSR	0	0	368	204	10	0	1	0.00	3.46	0
CO19394+	CO19422	21.35	1 1-	4ACSR	0	0	366	204	7	0	0	0.00	3.46	0
CO19395+	CO19394	21.43	1 1-	4ACSR	0	0	365	203	7	0	0	0.00	3.46	0
CO19287+	CO19422	21.48	1 1-	4ACSR	0	0	363	203	3	0	0	0.00	3.46	0
CO19288+	CO19349	21.28	1 1-	4ACSR	0	0	368	204	4	0	0	0.00	3.46	0
CO19147+	CO19132	20.34	15 1-	4ACSR	0	0	393	212	55	3	3	0.00	3.40	0
CO19148+	CO19147	20.39	15 1-	4ACSR	0	0	391	212	55	3	3	0.00	3.41	0
CO19059+	CO19148	20.49	15 1-	4ACSR	0	0	389	211	55	3	3	0.01	3.41	0
CO19041+	CO19059	20.60	3 1-	4ACSR	0	0	386	210	8	0	0	0.00	3.42	0
CO19062+	CO19041	20.66	2 1-	4ACSR	0	0	384	210	6	0	0	0.00	3.42	0
CO19063+	CO19062	20.83	2 1-	4ACSR	0	0	380	208	6	0	0	0.00	3.42	0
CO19064+	CO19063	20.98	2 1-	4ACSR	0	0	376	207	6	0	0	0.00	3.42	0
CO19155+	CO19064	21.12	2 1-	4ACSR	0	0	372	206	6	0	0	0.00	3.42	0
CO19156+	CO19155	21.34	2 1-	4ACSR	0	0	367	204	6	0	0	0.00	3.42	0
CO19065+	CO19156	21.42	1 1-	4ACSR	0	0	365	203	4	0	0	0.00	3.42	0
CO19051+	CO19041	20.70	0 1-	4ACSR	0	0	383	209	0	0	0	0.00	3.42	0
CO19060+	CO19059	20.60	12 1-	4ACSR	0	0	386	210	47	3	2	0.01	3.42	0
CO19135+	CO19060	20.65	12 1-	4ACSR	0	0	385	210	47	3	2	0.00	3.43	0
CO19136+	CO19135	20.70	11 1-	4ACSR	0	0	383	209	45	3	2	0.00	3.43	0
CO19137+	CO19136	20.78	11 1-	4ACSR	0	0	381	208	45	3	2	0.01	3.44	0
CO19138+	CO19137	20.89	10 1-	4ACSR	0	0	378	208	42	2	2	0.01	3.44	0
CO19100+	CO19138	21.17	8 1-	4ACSR	0	0	371	205	37	2	2	0.02	3.46	0
CO19053+	CO19100	21.27	1 1-	4ACSR	0	0	369	204	4	0	0	0.00	3.46	0
CO19052+	CO19100	21.25	3 1-	4ACSR	0	0	369	205	15	1	1	0.00	3.46	0
CO19142+	CO19100	21.24	3 1-	4ACSR	0	0	369	205	11	0	1	0.00	3.46	0
CO19143+	CO19142	21.30	2 1-	4ACSR	0	0	368	204	8	0	0	0.00	3.46	0
CO19141+	CO19143	21.51	1 1-	4ACSR	0	0	363	202	0	0	0	0.00	3.46	0
CO19061+	CO19141	21.61	1 1-	4ACSR	0	0	360	202	0	0	0	0.00	3.46	0
CO19139+	CO19100	21.22	1 1-	4ACSR	0	0	370	205	7	0	0	0.00	3.46	0
CO19140+	CO19139	21.29	0 1-	4ACSR	0	0	368	204	0	0	0	0.00	3.46	0
CO19082+	CO19140	21.34	0 1-	4ACSR	0	0	367	204	0	0	0	0.00	3.46	0
CO19083+	CO19138	20.93	2 1-	2ACSR	0	0	377	207	5	0	0	0.00	3.44	0
CO19084+	CO19083	20.99	2 1-	2ACSR	0	0	376	207	5	0	0	0.00	3.44	0
CO19085+	CO19084	21.19	2 1-	2ACSR	0	0	372	206	5	0	0	0.00	3.44	0
CO19086+	CO19085	21.26	2 1-	2ACSR	0	0	371	205	5	0	0	0.00	3.44	0
CO19294+	CO19348	19.96	1 1-	2ACSR	0	0	404	216	2	0	0	0.00	3.29	0
CO19286+	CO19256	19.66	0 1-	4ACSR	0	0	413	219	0	0	0	0.00	3.22	0
CO19298+	CO19255	19.56	1 1-	2ACSR	0	0	416	220	9	0	0	0.00	3.20	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19285+	CO19255	19.62	1 1-	4ACSR	0	0	414	219	9	0	0	0.00	3.20	0
CO19284+	CO19345	19.60	1 1-	4ACSR	0	0	415	219	0	0	0	0.00	3.19	0
CO-42180548+	CO1320575959	19.46	1 1-	2ACSR	0	0	419	221	10	0	0	0.00	3.17	0
CO19431+	CO19254	19.42	7 1-	4ACSR	0	0	420	221	21	1	1	0.00	3.16	0
CO19432+	CO19431	19.49	7 1-	4ACSR	0	0	418	220	21	1	1	0.00	3.16	0
CO19433+	CO19432	19.53	4 1-	4ACSR	0	0	416	220	9	0	0	0.00	3.16	0
CO19434+	CO19433	19.59	4 1-	4ACSR	0	0	415	219	9	0	0	0.00	3.16	0
CO19435+	CO19434	19.74	2 1-	4ACSR	0	0	410	218	7	0	0	0.00	3.16	0
CO19283+	CO19252	19.30	0 1-	4ACSR	0	0	424	222	0	0	0	0.00	3.09	0
CO19336+	CO19438	19.15	10 1-	4ACSR	0	0	428	223	50	3	3	0.00	3.05	0
CO19337+	CO19336	19.46	8 1-	4ACSR	0	0	419	221	45	3	2	0.02	3.07	0
CO19338+	CO19337	19.50	7 1-	4ACSR	0	0	417	220	42	2	2	0.00	3.07	0
CO19339+	CO19338	19.54	7 1-	4ACSR	0	0	416	220	42	2	2	0.00	3.07	0
CO19340+	CO19339	19.60	6 1-	4ACSR	0	0	414	219	33	2	2	0.00	3.07	0
CO19341+	CO19340	19.67	6 1-	4ACSR	0	0	412	218	33	2	2	0.00	3.08	0
CO19056+	CO19341	19.77	5 1-	4ACSR	0	0	409	218	33	2	2	0.00	3.08	0
CO19128+	CO19056	19.83	3 1-	4ACSR	0	0	407	217	23	1	1	0.00	3.09	0
CO19129+	CO19128	19.88	2 1-	4ACSR	0	0	406	216	18	1	1	0.00	3.09	0
CO19050+	CO19129	19.92	1 1-	4ACSR	0	0	405	216	14	0	1	0.00	3.09	0
CO19126+	CO19129	19.94	1 1-	4ACSR	0	0	404	216	4	0	0	0.00	3.09	0
CO19127+	CO19126	20.00	0 1-	4ACSR	0	0	402	215	0	0	0	0.00	3.09	0
CO19081+	CO19127	20.10	0 1-	4ACSR	0	0	399	214	0	0	0	0.00	3.09	0
CO19299+	CO19437	19.14	1 1-	2ACSR	0	0	430	224	7	0	0	0.00	2.99	0
CO19400+	CO19251	18.95	1 1-	4ACSR	0	0	435	225	2	0	0	0.00	2.93	0
CO19401+	CO19400	19.00	1 1-	4ACSR	0	0	433	225	2	0	0	0.00	2.93	0
CO19387+	CO19421	18.76	5 1-	4ACSR	0	0	442	227	16	1	1	0.00	2.82	0
CO19282+	CO19387	18.84	1 1-	4ACSR	0	0	439	227	7	0	0	0.00	2.82	0
CO19388+	CO19387	18.85	1 1-	4ACSR	0	0	438	227	5	0	0	0.00	2.82	0
CO19389+	CO19388	18.93	1 1-	4ACSR	0	0	436	226	5	0	0	0.00	2.82	0
CO19390+	CO19421	18.72	2 1-	4ACSR	0	0	443	228	16	1	1	0.00	2.82	0
CO19391+	CO19390	18.81	1 1-	4ACSR	0	0	440	227	11	0	1	0.00	2.82	0
CO19281+	CO19335	18.58	2 1-	4ACSR	0	0	448	229	6	0	0	0.00	2.66	0
CO19382+	CO19450	17.87	1 1-	4ACSR	0	0	474	237	7	0	0	0.00	2.27	0
CO19383+	CO19382	17.91	1 1-	4ACSR	0	0	472	237	7	0	0	0.00	2.27	0
CO19384+	CO19383	17.96	1 1-	4ACSR	0	0	470	236	7	0	0	0.00	2.27	0
CAP371+	CO19328	17.42	0 3-	Capacitor	648	609	488	241	0	-7	0	0.00	2.10	0
CO19272+	CO19312	16.71	1 1-	4ACSR	0	0	508	245	3	0	0	0.00	1.91	0
CO19402+	CO19313	16.61	3 1-	2ACSR	0	0	511	246	11	0	0	0.00	1.89	0
CO19403+	CO19402	16.63	3 1-	2ACSR	0	0	511	246	11	0	0	0.00	1.89	0
CO19292+	CO19403	16.75	2 1-	2ACSR	0	0	507	245	8	0	0	0.00	1.89	0
CO-1675130950+	CO19292	16.81	1 1-	2ACSR	0	0	504	244	3	0	0	0.00	1.89	0
CO19270+	CO19414	16.13	2 1-	4ACSR	0	0	526	249	4	0	0	0.00	1.77	0
CO19267+	CO19242	14.93	2 1-	1/0ACSR	0	0	568	257	4	0	0	0.00	1.43	0
CO19264+	CO19239	14.34	1 1-	4ACSR	0	0	589	261	11	0	1	0.00	1.24	0
CO19441+	CO19444	14.11	8 1-	4ACSR	0	0	600	263	24	1	1	0.00	1.21	0
OC578+	CO19441	14.11	8 1-	10 N FUSE	0	0	600	263	24	1	17	0.00	1.21	0
CO19442+	OC578	14.44	8 1-	4ACSR	0	0	581	259	24	1	1	0.01	1.22	0
CO19241+	CO19442	14.51	5 1-	4ACSR	0	0	577	258	15	1	1	0.00	1.22	0
CO19365+	CO19241	14.67	4 1-	4ACSR	0	0	568	256	9	0	0	0.00	1.22	0
CO19366+	CO19365	14.70	4 1-	4ACSR	0	0	567	255	9	0	0	0.00	1.22	0
CO23763+	CO19366	14.76	1 1-	4ACSR	0	0	563	254	3	0	0	0.00	1.22	0
CO19261+	CO19366	14.76	1 1-	4ACSR	0	0	563	254	1	0	0	0.00	1.22	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19262+	CO19241	14.57	0 1-	4ACSR	0	0	574	257	0	0	0	0.00	1.22	0
CO19263+	CO19442	14.51	0 1-	4ACSR	0	0	577	258	0	0	0	0.00	1.22	0
CO19363+	CO19410	13.93	1 1-	4ACSR	0	0	606	264	14	0	1	0.00	1.12	0
CO19364+	CO19363	13.97	1 1-	4ACSR	0	0	603	263	14	0	1	0.00	1.12	0
CO19260+	CO19301	13.89	1 1-	4ACSR	0	0	607	264	2	0	0	0.00	1.11	0
CO19259+	CO23762	13.75	1 1-	4ACSR	0	0	614	265	2	0	0	0.00	1.07	0
CO23760+	CO23735	13.42	2 1-	4ACSR	0	0	628	267	1	0	0	0.00	0.95	0
CO19101+	CO23760	13.49	2 1-	4ACSR	0	0	623	266	1	0	0	0.00	0.95	0
CO19102+	CO19101	13.53	1 1-	4ACSR	0	0	621	266	1	0	0	0.00	0.95	0
CO19087+	CO19101	13.58	1 1-	2ACSR	0	0	619	266	0	0	0	0.00	0.95	0
CO19088+	CO19087	13.64	1 1-	2ACSR	0	0	615	265	0	0	0	0.00	0.95	0
CO19581+	CO19566	13.08	52 1-	4ACSR	0	0	644	270	256	18	13	0.04	0.86	16
CO19580+	CO19581	13.17	51 1-	4ACSR	0	0	637	269	244	17	12	0.04	0.90	15
CO19582+	CO19580	13.33	47 1-	4ACSR	0	0	627	267	240	16	12	0.06	0.96	24
CO19623+	CO19582	13.33	47 1-	4ACSR	0	0	627	266	240	16	12	0.00	0.96	0
OC586+	CO19623	13.33	47 1-	35 H OCR	0	0	627	266	240	16	49	0.00	0.96	0
XFMR45	OC586	13.33	47 1-	333 KVA 1PH AUT	0	0	678	165	240	16	73	0.96	1.92	0
CO23803	XFMR45	13.45	47 1-	4ACSR	0	0	664	163	240	33	24	0.19	2.11	73
CO19226	CO23803	13.52	46 1-	4ACSR	0	0	655	163	238	33	24	0.11	2.22	42
CO19169	CO19226	13.60	46 1-	4ACSR	0	0	646	162	237	33	24	0.12	2.34	46
CO19235	CO19169	13.60	38 1-	6ACWC	0	0	645	162	190	27	19	0.01	2.35	3
CO19234	CO19235	13.86	38 1-	6ACWC	0	0	615	159	190	27	19	0.33	2.67	101
CO19209	CO19234	13.98	38 1-	6ACWC	0	0	602	158	189	27	19	0.14	2.81	43
CO19157	CO19209	14.04	36 1-	6ACWC	0	0	595	158	185	26	19	0.08	2.90	25
CO19219	CO19157	14.06	3 1-	4ACSR	0	0	593	158	17	2	2	0.00	2.90	0
CO23758	CO19219	14.11	2 1-	4ACSR	0	0	588	157	6	0	1	0.00	2.90	0
CO19218	CO19157	14.12	33 1-	6ACWC	0	0	586	157	167	24	17	0.09	2.99	25
CO19217	CO19218	14.17	33 1-	6ACWC	0	0	581	156	167	24	17	0.05	3.04	14
CO19216	CO19217	14.22	32 1-	6ACWC	0	0	576	156	154	22	16	0.05	3.09	14
CO19215	CO19216	14.31	32 1-	6ACWC	0	0	566	155	154	22	16	0.09	3.19	23
CO19187	CO19215	14.49	31 1-	6ACWC	0	0	549	154	150	21	15	0.17	3.36	41
CO19188	CO19187	14.58	30 1-	6ACWC	0	0	541	153	140	20	14	0.08	3.44	19
CO23756	CO19188	14.68	30 1-	6ACWC	0	0	531	152	140	20	14	0.09	3.53	22
CO19585	CO23756	14.78	30 1-	6ACWC	0	0	522	151	140	20	14	0.10	3.64	23
CO19586	CO19585	14.84	30 1-	6ACWC	0	0	516	151	140	20	14	0.05	3.69	12
CO19588	CO19586	14.89	29 1-	6ACWC	0	0	512	150	134	19	14	0.04	3.73	9
CO19587	CO19588	14.93	29 1-	6ACWC	0	0	509	150	134	19	14	0.03	3.76	7
CO19584	CO19587	15.10	27 1-	6ACWC	0	0	495	148	119	17	12	0.14	3.90	27
CO19589	CO19584	15.23	27 1-	6ACWC	0	0	484	147	119	17	12	0.11	4.01	21
CO19583	CO19589	15.27	27 1-	6ACWC	0	0	481	147	119	17	12	0.03	4.04	7
CO23755	CO19583	15.38	27 1-	6ACWC	0	0	472	146	119	17	12	0.09	4.13	16
CO19186	CO23755	15.53	26 1-	6ACWC	0	0	461	145	114	16	12	0.12	4.24	22
CO19185	CO19186	15.63	26 1-	6ACWC	0	0	454	144	114	16	12	0.07	4.32	14
CO19184	CO19185	15.70	26 1-	6ACWC	0	0	449	143	114	16	12	0.06	4.37	11
CO19238	CO19184	15.77	26 1-	6ACWC	0	0	444	143	114	16	12	0.05	4.43	10
CO23754	CO19238	15.84	1 1-	4ACSR	0	0	440	142	1	0	0	0.00	4.43	0
CO19534	CO23754	16.25	1 1-	4ACSR	0	0	413	139	1	0	0	0.00	4.43	0
CO19537	CO19534	16.35	1 1-	4ACSR	0	0	407	138	1	0	0	0.00	4.43	0
CO19536	CO19537	16.37	1 1-	4ACSR	0	0	406	138	1	0	0	0.00	4.43	0
CO19535	CO19536	16.57	1 1-	4ACSR	0	0	394	137	1	0	0	0.00	4.43	0
CO19168	CO19238	15.85	25 1-	6ACWC	0	0	438	142	113	16	12	0.07	4.49	12
CO19167	CO19168	15.90	25 1-	6ACWC	0	0	435	142	113	16	12	0.04	4.53	7

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19232	CO19167	15.97	25 1-	6ACWC	0	0	430	141	113	16	12	0.06	4.58	10
CO19163	CO19232	16.03	1 1-	2ACSR	0	0	427	141	4	0	0	0.00	4.58	0
CO19231	CO19232	16.02	24 1-	6ACWC	0	0	427	141	108	15	11	0.03	4.61	6
CO19159	CO19231	16.07	1 1-	4ACSR	0	0	424	141	1	0	0	0.00	4.62	0
CO19158	CO19231	16.07	2 1-	4ACSR	0	0	424	141	6	0	1	0.00	4.62	0
CO19207	CO19231	16.07	21 1-	6ACWC	0	0	424	141	102	14	11	0.03	4.65	5
CO19206	CO19207	16.15	18 1-	6ACWC	0	0	419	140	91	13	10	0.05	4.70	7
CO19160	CO19206	16.19	1 1-	4ACSR	0	0	417	140	6	0	1	0.00	4.70	0
CO19205	CO19206	16.22	16 1-	6ACWC	0	0	415	139	84	12	9	0.04	4.73	5
CO19204	CO19205	16.29	14 1-	6ACWC	0	0	411	139	74	10	8	0.03	4.77	4
CO19211	CO19204	16.31	2 1-	4ACSR	0	0	409	139	7	1	1	0.00	4.77	0
CO19212	CO19211	16.33	1 1-	4ACSR	0	0	408	139	2	0	0	0.00	4.77	0
CO19210	CO19212	16.36	1 1-	4ACSR	0	0	406	138	2	0	0	0.00	4.77	0
CO23753	CO19210	16.51	0 1-	4ACSR	0	0	397	137	0	0	0	0.00	4.77	0
CO19532	CO23753	16.65	0 1-	4ACSR	0	0	390	136	0	0	0	0.00	4.77	0
CO19533	CO19532	16.93	0 1-	4ACSR	0	0	375	134	0	0	0	0.00	4.77	0
CO19164	CO19211	16.39	1 1-	2ACSR	0	0	406	138	6	0	0	0.00	4.77	0
CO19225	CO19204	16.35	10 1-	6ACWC	0	0	407	138	55	8	6	0.03	4.79	2
CO19224	CO19225	16.48	10 1-	6ACWC	0	0	399	137	55	8	6	0.05	4.84	4
CO19223	CO19224	16.62	9 1-	6ACWC	0	0	391	136	53	7	6	0.05	4.89	4
CO19222	CO19223	16.79	8 1-	6ACWC	0	0	383	135	47	6	5	0.05	4.94	4
CO19166	CO19222	17.09	8 1-	6ACWC	0	0	367	133	47	6	5	0.10	5.04	8
CO19203	CO19166	17.13	6 1-	6ACWC	0	0	365	133	42	6	4	0.01	5.05	0
CO23752	CO19203	17.25	6 1-	6ACWC	0	0	359	132	42	6	4	0.03	5.08	2
CO19527	CO23752	17.42	5 1-	6ACWC	0	0	352	131	37	5	4	0.03	5.11	0
CO19528	CO19527	17.58	3 1-	6ACWC	0	0	344	130	23	3	2	0.02	5.13	0
CO19526	CO19528	17.63	1 1-	6ACWC	0	0	342	130	11	1	1	0.00	5.14	0
CO19189	CO19166	17.15	2 1-	4ACSR	0	0	364	133	6	0	1	0.00	5.04	0
CO19190	CO19189	17.22	1 1-	4ACSR	0	0	361	132	0	0	0	0.00	5.04	0
CO19191	CO19190	17.29	1 1-	4ACSR	0	0	358	132	0	0	0	0.00	5.04	0
CO19192	CO19191	17.36	1 1-	4ACSR	0	0	354	131	0	0	0	0.00	5.04	0
CO19193	CO19192	17.44	1 1-	4ACSR	0	0	350	131	0	0	0	0.00	5.04	0
CO19194	CO19193	17.52	1 1-	4ACSR	0	0	347	130	0	0	0	0.00	5.04	0
CO19195	CO19194	17.60	1 1-	4ACSR	0	0	344	130	0	0	0	0.00	5.04	0
CO19196	CO19195	17.77	1 1-	4ACSR	0	0	336	129	0	0	0	0.00	5.04	0
CO19197	CO19196	17.85	1 1-	4ACSR	0	0	333	128	0	0	0	0.00	5.04	0
CO19198	CO19197	18.06	1 1-	4ACSR	0	0	324	127	0	0	0	0.00	5.04	0
CO23757	CO19215	14.41	0 1-	4ACSR	0	0	556	154	0	0	0	0.00	3.19	0
CO23759	CO19209	14.04	1 1-	4ACSR	0	0	595	158	3	0	0	0.00	2.82	0
CO19161	CO19169	13.66	0 1-	4ACSR	0	0	638	161	0	0	0	0.00	2.34	0
CO19170	CO19169	13.68	8 1-	4ACSR	0	0	636	161	47	6	5	0.03	2.36	0
CO19171	CO19170	13.87	8 1-	4ACSR	0	0	613	159	47	6	5	0.06	2.42	4
CO23802	CO19171	14.16	8 1-	4ACSR	0	0	582	157	47	6	5	0.09	2.51	7
CO19090	CO23802	14.17	8 1-	4ACSR	0	0	581	157	47	6	5	0.00	2.51	0
CO23801	CO19090	14.43	2 1-	4ACSR	0	0	554	154	18	2	2	0.02	2.53	0
CO19199	CO23801	14.52	1 1-	4ACSR	0	0	546	153	11	1	1	0.01	2.54	0
CO19200	CO19199	14.77	1 1-	4ACSR	0	0	522	151	11	1	1	0.02	2.56	0
CO19201	CO19200	14.80	1 1-	4ACSR	0	0	520	151	11	1	1	0.00	2.56	0
CO19202	CO19201	14.82	0 1-	4ACSR	0	0	518	151	0	0	0	0.00	2.56	0
CO19103	CO19090	14.21	6 1-	4ACSR	0	0	577	156	29	4	3	0.01	2.52	0
CO19104	CO19103	14.40	6 1-	4ACSR	0	0	558	154	29	4	3	0.03	2.55	0
CO19091	CO19104	14.55	6 1-	4ACSR	0	0	542	153	29	4	3	0.03	2.58	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19049	CO19091	14.60	0 1-	4ACSR	0	0	538	153	0	0	0	0.00	2.58	0
CO19105	CO19091	14.66	5 1-	4ACSR	0	0	532	152	29	4	3	0.02	2.60	0
CO19106	CO19105	14.70	4 1-	4ACSR	0	0	528	152	27	3	3	0.01	2.61	0
CO19092	CO19106	15.02	4 1-	4ACSR	0	0	500	149	27	3	3	0.06	2.66	2
CO23800	CO19092	15.21	4 1-	4ACSR	0	0	484	147	27	3	3	0.03	2.70	0
CO19233	CO23800	15.22	4 1-	4ACSR	0	0	483	147	27	3	3	0.00	2.70	0
CO19172	CO19233	15.35	4 1-	4ACSR	0	0	473	146	27	3	3	0.02	2.72	0
CO19173	CO19172	15.49	3 1-	4ACSR	0	0	463	145	21	2	2	0.02	2.74	0
CO19227	CO19173	15.59	2 1-	4ACSR	0	0	455	144	18	2	2	0.01	2.74	0
CO19613+	CO19561	12.33	1 1-	4ACSR	0	0	682	276	7	0	0	0.00	0.50	0
CO19615+	CO19613	12.38	1 1-	4ACSR	0	0	679	275	7	0	0	0.00	0.50	0
CO19614+	CO19615	12.44	1 1-	4ACSR	0	0	674	275	7	0	0	0.00	0.50	0
CO19612+	CO19561	12.34	5 1-	4ACSR	0	0	682	276	28	1	1	0.00	0.50	0
CO19470+	CO19612	12.42	1 1-	4ACSR	0	0	676	275	10	0	1	0.00	0.50	0
CO19611+	CO19612	12.43	2 1-	4ACSR	0	0	675	275	12	0	1	0.00	0.50	0
CO19607+	CO19577	11.12	3 1-	4ACSR	0	0	753	286	11	0	1	0.00	4.94	0
CO19606+	CO19607	11.16	1 1-	4ACSR	0	0	749	285	5	0	0	0.00	4.94	0
CO19465+	CO19456	11.02	1 1-	4ACSR	0	0	759	287	8	0	0	0.00	4.88	0
CO19628+	CO19545	10.80	9 1-	4ACSR	0	0	775	289	30	2	2	0.00	4.79	0
OC588+	CO19628	10.80	9 1-	35 E OCR	0	0	775	289	30	2	6	0.00	4.79	0
CO19629+	OC588	10.87	9 1-	4ACSR	0	0	768	288	30	2	2	0.00	4.79	0
CO19551+	CO19629	11.21	7 1-	4ACSR	0	0	738	283	22	1	1	0.01	4.81	0
CO19554+	CO19551	11.41	7 1-	4ACSR	0	0	721	280	22	1	1	0.01	4.81	0
CO19556+	CO19554	11.49	6 1-	4ACSR	0	0	714	278	17	1	1	0.00	4.81	0
CO19555+	CO19556	11.66	5 1-	4ACSR	0	0	699	276	16	1	1	0.00	4.82	0
CO19552+	CO19555	11.69	5 1-	4ACSR	0	0	698	275	16	1	1	0.00	4.82	0
CO19553+	CO19552	11.76	5 1-	4ACSR	0	0	692	274	16	1	1	0.00	4.82	0
CO23726+	CO19553	11.97	5 1-	4ACSR	0	0	676	271	16	1	1	0.01	4.83	0
CO19812+	CO23726	12.04	5 1-	4ACSR	0	0	670	270	16	1	1	0.00	4.83	0
CO19813+	CO19812	12.14	5 1-	4ACSR	0	0	663	269	16	1	1	0.00	4.83	0
CO19811+	CO19813	12.22	5 1-	4ACSR	0	0	657	268	16	1	1	0.00	4.83	0
CO19814+	CO19811	12.41	5 1-	4ACSR	0	0	643	265	16	1	1	0.00	4.84	0
CO19810+	CO19814	12.53	5 1-	4ACSR	0	0	635	263	16	1	1	0.00	4.84	0
CO19820+	CO19810	12.58	4 1-	2ACSR	0	0	632	263	16	1	1	0.00	4.84	0
CO825547245+	CO19820	12.63	2 1-	2ACSR	0	0	629	262	3	0	0	0.00	4.84	0
CO-222691239+	CO19820	12.67	2 1-	2ACSR	0	0	627	262	13	0	1	0.00	4.84	0
CO19815+	CO-222691239	12.70	2 1-	4ACSR	0	0	625	261	13	0	1	0.00	4.84	0
CO19819+	CO19815	12.75	2 1-	4ACSR	0	0	622	261	13	0	1	0.00	4.84	0
CO19849+	CO19819	12.80	1 1-	4ACSR	0	0	618	260	6	0	0	0.00	4.84	0
CO19850+	CO19849	12.83	1 1-	4ACSR	0	0	616	260	6	0	0	0.00	4.84	0
CO19851+	CO19819	12.86	0 1-	4ACSR	0	0	614	259	0	0	0	0.00	4.84	0
CO19818+	CO19819	12.86	1 1-	4ACSR	0	0	614	259	6	0	0	0.00	4.85	0
CO-30643437+	CO19818	12.94	1 1-	2ACSR	0	0	610	258	6	0	0	0.00	4.85	0
CO19805+	CO19810	12.61	1 1-	2ACSR	0	0	630	262	0	0	0	0.00	4.84	0
CO19605+	CO19629	10.94	1 1-	4ACSR	0	0	761	287	2	0	0	0.00	4.79	0
CO19604+	CO19605	11.04	1 1-	4ACSR	0	0	753	285	2	0	0	0.00	4.79	0
CO19603+	CO19549	10.36	2 1-	4ACSR	0	0	803	292	7	0	0	0.00	4.51	0
CO19602+	CO19603	10.42	1 1-	4ACSR	0	0	797	291	3	0	0	0.00	4.51	0
CO19548+	CO19549	10.27	0 3-	1/0ACSR	1032	964	812	294	0	-7	3	0.00	4.51	0
CA68+	CO19548	10.27	0 3-	Capacitor	1032	964	812	294	0	-7	0	0.00	4.51	0
CO19462+	CO19499	10.03	1 1-	4ACSR	0	0	828	295	4	0	0	0.00	4.36	0
CO19460+	CO19483	8.64	2 1-	4ACSR	0	0	949	308	5	0	0	0.00	3.67	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19624+	CO19477	8.56	12 1-	4ACSR	0	0	959	309	35	2	2	0.00	3.64	0
OC585+	CO19624	8.56	12 1-	10 N FUSE	0	0	959	309	35	2	25	0.00	3.64	0
CO19625+	OC585	8.66	12 1-	4ACSR	0	0	945	307	35	2	2	0.01	3.65	0
CO19482+	CO19625	8.74	10 1-	4ACSR	0	0	935	306	25	1	1	0.00	3.65	0
CO19479+	CO19482	8.82	8 1-	4ACSR	0	0	925	305	24	1	1	0.00	3.65	0
CO19480+	CO19479	8.87	8 1-	4ACSR	0	0	918	304	24	1	1	0.00	3.66	0
CO19481+	CO19480	8.95	7 1-	4ACSR	0	0	908	302	19	1	1	0.00	3.66	0
CO23722+	CO19481	9.04	5 1-	4ACSR	0	0	896	301	13	0	1	0.00	3.66	0
CO23721+	CO23722	9.11	1 1-	2ACSR	0	0	890	300	0	0	0	0.00	3.66	0
CO19833+	CO23722	9.12	1 1-	4ACSR	0	0	888	299	0	0	0	0.00	3.66	0
CO19807+	CO23722	9.13	3 1-	4ACSR	0	0	886	299	12	0	1	0.00	3.66	0
CO19832+	CO19807	9.20	3 1-	4ACSR	0	0	878	298	12	0	1	0.00	3.66	0
CO19831+	CO19832	9.27	1 1-	4ACSR	0	0	869	297	5	0	0	0.00	3.66	0
CO19591+	CO19539	8.08	4 1-	4ACSR	0	0	1007	313	22	1	1	0.00	3.35	0
CO19458+	CO19591	8.17	2 1-	4ACSR	0	0	993	312	8	0	0	0.00	3.35	0
CO19590+	CO19591	8.09	1 1-	4ACSR	0	0	1004	313	6	0	0	0.00	3.35	0
CO23720+	CO19590	8.23	1 1-	4ACSR	0	0	985	310	6	0	0	0.00	3.35	0
CO19464+	CO19454	7.83	0 1-	1/0ACSR	0	0	1037	316	0	0	0	0.00	3.22	0
CO20495+	CO20449	7.29	1 1-	4ACSR	0	0	1086	318	18	1	1	0.00	2.96	0
CO20781+	CO20780	7.04	4 1-	4ACSR	0	0	1123	322	5	0	0	0.00	2.94	0
CO20782+	CO20781	7.10	3 1-	4ACSR	0	0	1113	321	3	0	0	0.00	2.94	0
CO20776+	CO20775	6.91	3 1-	4ACSR	0	0	1140	323	29	2	1	0.00	2.91	0
CO20777+	CO20776	6.93	1 1-	4ACSR	0	0	1136	323	7	0	0	0.00	2.91	0
CO20494+	CO20580	6.65	1 1-	4ACSR	0	0	1168	324	13	0	1	0.00	2.84	0
CO20584+	CO20464	6.27	257 3-	1/0ACSR	1452	1364	1220	328	1355	31	14	0.00	2.75	6
CO20583+	CO20584	6.59	257 3-	1/0ACSR	1406	1319	1172	324	1355	31	14	0.09	2.84	183
CO20783+	CO20583	6.70	257 3-	4ACSR	1387	1302	1152	322	1355	31	23	0.06	2.91	149
CO20784+	CO20783	6.73	255 3-	4ACSR	1382	1298	1147	322	1344	31	22	0.02	2.93	40
CO20450+	CO20784	6.77	29 3-	4ACSR	1374	1291	1139	321	455	10	8	0.01	2.93	7
CO20451+	CO20450	6.80	27 3-	4ACSR	1368	1285	1133	320	439	10	7	0.01	2.94	5
CO20668+	CO20451	6.84	1 3-	4ACSR	1361	1279	1126	319	224	5	4	0.00	2.95	0
CO20667+	CO20668	6.88	1 3-	4ACSR	1354	1273	1119	319	224	5	4	0.00	2.95	0
CO20666+	CO20667	6.92	0 3-	4ACSR	1346	1266	1111	318	0	0	0	0.00	2.95	0
220439022+	CO20667	6.88	1 3-	Consumer	1354	1273	1119	319	224	5	0	0.00	2.95	0
CO20453+	CO20451	6.87	24 3-	4ACSR	1356	1275	1121	319	207	4	3	0.01	2.95	0
CO20454+	CO20453	6.92	18 3-	4ACSR	1347	1267	1112	318	117	2	2	0.00	2.95	0
CO20503+	CO20454	6.97	4 1-	4ACSR	0	0	1103	317	10	0	1	0.00	2.95	0
CO20455+	CO20454	7.01	13 3-	4ACSR	1330	1252	1096	316	104	2	2	0.00	2.95	0
CO20801+	CO20455	7.05	6 1-	4ACSR	0	0	1088	315	23	1	1	0.00	2.96	0
CO20802+	CO20801	7.08	5 1-	4ACSR	0	0	1083	315	23	1	1	0.00	2.96	0
CO20656+	CO20802	7.14	4 1-	4ACSR	0	0	1073	314	9	0	0	0.00	2.96	0
CO20799+	CO20455	7.04	3 3-	4ACSR	1325	1248	1091	316	61	1	1	0.00	2.96	0
CO20800+	CO20799	7.08	2 3-	4ACSR	1316	1240	1083	315	60	1	1	0.00	2.96	0
CO20655+	CO20455	7.04	2 1-	4ACSR	0	0	1090	315	9	0	0	0.00	2.95	0
CO20803+	CO20655	7.09	2 1-	4ACSR	0	0	1082	315	9	0	0	0.00	2.96	0
CO20804+	CO20803	7.19	2 1-	4ACSR	0	0	1064	313	9	0	0	0.00	2.96	0
CO20504+	CO20455	7.07	2 1-	4ACSR	0	0	1086	315	11	0	1	0.00	2.95	0
CO20797+	CO20453	6.89	4 1-	4ACSR	0	0	1116	318	75	5	4	0.00	2.95	0
CO20798+	CO20797	6.91	3 1-	4ACSR	0	0	1113	318	38	2	2	0.00	2.95	0
CO20493+	CO20450	6.80	2 1-	4ACSR	0	0	1134	320	16	1	1	0.00	2.93	0
CO20452+	CO20784	6.78	219 3-	4ACSR	1371	1288	1136	320	856	19	14	0.02	2.95	34
CO20793+	CO20452	6.79	217 3-	4ACSR	1369	1287	1134	320	846	19	14	0.00	2.95	5

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20794+	CO20793	6.86	217 3-	4ACSR	1356	1275	1122	319	846	19	14	0.03	2.98	39
CO20596+	CO20794	6.92	216 3-	4ACSR	1347	1267	1112	318	840	19	14	0.02	3.00	28
CO-553761075+	CO20596	6.98	210 3-	336ACSR	1342	1262	1107	318	802	18	4	0.00	3.00	4
CO20608+	CO-553761075	6.99	1 2-	2ACSR	0	1259	1104	317	9	0	0	0.00	3.00	0
CO20795+	CO-553761075	7.00	209 3-	336ACSR	1339	1259	1104	317	793	18	4	0.00	3.01	0
CO20796+	CO20795	7.04	207 3-	336ACSR	1336	1256	1101	317	736	17	3	0.00	3.01	0
CO-214774617+	CO20796	7.06	0 1-	2ACSR	0	0	1098	317	0	0	0	0.00	3.01	0
CO20695+	CO20796	7.07	206 3-	336ACSR	1334	1254	1099	317	735	17	3	0.00	3.01	0
CO20694+	CO20695	7.13	205 3-	336ACSR	1328	1248	1093	317	732	17	3	0.00	3.01	4
CO1841850571+	CO20694	7.18	201 3-	2ACSR	1321	1241	1086	316	718	16	9	0.01	3.02	12
CO1764316096+	CO1841850571	7.22	201 3-	2ACSR	1316	1237	1080	316	718	16	9	0.01	3.03	9
OC1275142750+	CO1764316096	7.22	201 3-	15 N FUSE	1316	1237	1080	316	718	16	112	0.00	3.03	0
CO1208531917+	OC1275142750	7.37	201 3-	2ACSR	1293	1216	1058	314	718	16	9	0.03	3.07	40
CO935931541+	CO1208531917	7.49	201 3-	2ACSR	1276	1200	1042	312	718	16	9	0.03	3.09	29
CO-785237503+	CO935931541	7.71	201 3-	2ACSR	1244	1171	1012	309	717	16	9	0.05	3.14	59
SW3-A+	CO-785237503	7.71	201 3-	Closed	1244	1171	1012	309	717	16	0	0.00	3.14	0
SW3-B+	SW3-A	7.71	201 3-	Closed	1244	1171	1012	309	717	16	0	0.00	3.14	0
CO20593+	SW3-B	7.84	201 3-	4ACSR	1224	1153	993	307	717	16	12	0.04	3.18	51
OC-707599127+	CO20593	7.84	200 3-	15 N FUSE	1224	1153	993	307	712	16	111	0.00	3.18	0
CO20592+	OC-707599127	8.00	200 3-	4ACSR	1197	1129	968	304	712	16	12	0.05	3.24	66
CO20787+	CO20592	8.04	200 3-	4ACSR	1191	1124	963	303	712	16	12	0.01	3.25	15
CO20788+	CO20787	8.09	197 3-	4ACSR	1183	1117	956	302	700	16	12	0.01	3.26	18
CO406367795+	CO20788	8.13	0 1-	2ACSR	0	0	951	302	0	0	0	0.00	3.26	0
CO20591+	CO20788	8.14	197 3-	4ACSR	1174	1109	948	301	700	16	12	0.02	3.28	22
CO20590+	CO20591	8.24	197 3-	4ACSR	1158	1095	934	300	700	16	12	0.03	3.32	40
CO20789+	CO20590	8.31	197 3-	4ACSR	1148	1086	925	299	700	16	12	0.02	3.34	25
CO20790+	CO20789	8.38	197 3-	4ACSR	1137	1077	916	297	700	16	12	0.02	3.36	26
CO20497+	CO20790	8.42	2 1-	4ACSR	0	0	910	297	2	0	0	0.00	3.36	0
CO20595+	CO20790	8.62	192 3-	4ACSR	1100	1044	883	293	692	16	12	0.08	3.44	93
CO23693+	CO20595	8.75	190 3-	4ACSR	1081	1028	867	291	685	16	11	0.04	3.48	47
CO20993+	CO23693	8.81	190 3-	4ACSR	1073	1020	860	290	685	16	11	0.02	3.50	22
CO20994+	CO20993	8.92	190 3-	4ACSR	1057	1006	847	288	685	16	11	0.04	3.53	41
CO20995+	CO20994	8.99	190 3-	4ACSR	1047	997	838	287	684	16	11	0.02	3.56	27
CO20996+	CO20995	9.05	185 3-	4ACSR	1038	990	831	286	667	15	11	0.02	3.57	21
CO20997+	CO20996	9.12	183 3-	4ACSR	1028	981	823	285	659	15	11	0.02	3.60	25
CO20975+	CO20997	9.20	6 1-	4ACSR	0	0	814	284	14	1	1	0.00	3.60	0
CO20916+	CO20975	9.25	2 1-	4ACSR	0	0	808	283	5	0	0	0.00	3.60	0
CO20998+	CO20975	9.24	1 1-	4ACSR	0	0	810	283	1	0	0	0.00	3.60	0
CO20999+	CO20998	9.28	1 1-	4ACSR	0	0	805	283	1	0	0	0.00	3.60	0
CO21000+	CO20997	9.17	173 3-	4ACSR	1021	974	817	284	630	14	11	0.01	3.61	16
CO21001+	CO21000	9.24	171 3-	4ACSR	1013	967	810	283	623	14	10	0.02	3.63	19
CO21002+	CO21001	9.28	170 3-	4ACSR	1008	962	805	283	621	14	10	0.01	3.64	13
CO20896+	CO21002	9.42	166 3-	4ACSR	989	946	790	280	606	14	10	0.04	3.68	40
CO20979+	CO20896	9.48	4 1-	4ACSR	0	0	783	279	22	1	1	0.00	3.68	0
CO20978+	CO20979	9.52	2 1-	4ACSR	0	0	779	279	10	0	1	0.00	3.68	0
CO20897+	CO20896	9.47	161 3-	4ACSR	983	940	785	280	577	13	10	0.01	3.69	13
CO20918+	CO20897	9.53	3 1-	4ACSR	0	0	778	279	6	0	0	0.00	3.69	0
CO20898+	CO20897	9.52	155 3-	4ACSR	976	934	779	279	560	13	9	0.01	3.71	14
CO20899+	CO20898	9.65	155 3-	4ACSR	959	919	765	277	560	13	9	0.03	3.74	33
CO20957+	CO20899	9.72	151 3-	6HDCU	951	911	759	276	553	13	10	0.02	3.76	17
CO21004+	CO20957	9.88	151 3-	6HDCU	932	895	744	274	553	13	10	0.04	3.80	37
CO30554+	CO21004	9.98	150 3-	6HDCU	921	884	734	272	545	12	10	0.02	3.82	23

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC847822155+	CO30554	9.98	149 3-	15 N FUSE	921	884	734	272	538	12	85	0.00	3.82	0
CO20956+	OC847822155	10.14	149 3-	6HDCU	903	868	719	270	538	12	10	0.04	3.86	36
CO20955+	CO20956	10.20	147 3-	6HDCU	896	862	714	269	521	12	9	0.01	3.88	13
CO20954+	CO20955	10.34	147 3-	6HDCU	881	848	702	267	521	12	9	0.03	3.91	30
CO20900+	CO20954	10.44	145 3-	6HDCU	871	839	694	266	515	12	9	0.02	3.93	20
CO20901+	CO20900	10.51	144 3-	6HDCU	863	832	687	265	504	11	9	0.02	3.95	16
CO20923+	CO20901	10.59	1 1-	4ACSR	0	0	681	264	10	0	1	0.00	3.95	0
CO20902+	CO20901	10.58	141 3-	6HDCU	856	825	681	264	488	11	9	0.02	3.97	13
CO20959+	CO20902	10.65	139 3-	6HDCU	849	819	676	263	476	11	9	0.02	3.98	12
CO20958+	CO20959	10.74	139 3-	6HDCU	840	811	669	262	476	11	9	0.02	4.00	16
CO20984+	CO20958	10.77	0 1-	4ACSR	0	0	666	261	0	0	0	0.00	4.00	0
CO20983+	CO20984	10.86	0 1-	4ACSR	0	0	659	260	0	0	0	0.00	4.00	0
CO20982+	CO20983	10.92	0 1-	4ACSR	0	0	655	259	0	0	0	0.00	4.00	0
CO21005+	CO20958	10.77	139 3-	6HDCU	837	809	666	261	476	11	9	0.01	4.01	5
CO21006+	CO21005	10.82	136 3-	6HDCU	832	804	662	261	465	10	8	0.01	4.02	9
CO21007+	CO21006	11.00	135 3-	6HDCU	815	789	649	258	462	10	8	0.04	4.06	30
CO21039+	CO21007	11.14	72 1-	4ACSR	0	0	638	257	207	14	11	0.05	4.11	16
CO21040+	CO21039	11.14	72 1-	4ACSR	0	0	638	256	207	14	11	0.00	4.11	0
XFMR334	CO21040	11.14	72 1-	333 KVA 1PH AUT	0	0	701	162	207	14	64	0.71	4.82	0
SW635-B	XFMR334	11.14	0 1-	Open	0	0	701	162	0	0	0	0.00	4.82	0
SW635-A	XFMR334	11.14	0 1-	Open	0	0	701	162	0	0	0	0.00	4.82	0
CO20904	XFMR334	11.30	72 1-	4ACSR	0	0	677	161	207	29	21	0.22	5.04	75
CO20915	CO20904	11.32	1 1-	4ACSR	0	0	675	161	2	0	0	0.00	5.04	0
CO20914	CO20904	11.33	1 1-	4ACSR	0	0	674	161	0	0	0	0.00	5.04	0
CO20895	CO20904	11.49	70 1-	2ACSR	0	0	656	159	205	29	16	0.18	5.22	58
CO21008	CO20895	11.61	69 1-	2ACSR	0	0	643	159	200	28	16	0.11	5.33	34
CO21046	CO21008	11.69	69 1-	2ACSR	0	0	634	158	200	28	16	0.08	5.41	24
CO20950	CO21046	11.74	67 1-	2ACSR	0	0	629	158	191	27	15	0.04	5.45	12
CO20951	CO20950	11.96	66 1-	2ACSR	0	0	606	156	190	27	15	0.20	5.65	60
CO20952	CO20951	12.00	66 1-	2ACSR	0	0	603	156	190	27	15	0.03	5.68	9
CO20891	CO20952	12.03	63 1-	2ACSR	0	0	600	156	189	27	15	0.02	5.70	7
CO20928	CO20891	12.13	61 1-	2ACSR	0	0	590	155	177	25	14	0.09	5.79	25
CO20929	CO20928	12.18	61 1-	2ACSR	0	0	586	155	177	25	14	0.04	5.83	11
CO21012	CO20929	12.24	60 1-	2ACSR	0	0	580	155	174	25	14	0.05	5.88	13
CO21013	CO21012	12.28	59 1-	2ACSR	0	0	576	154	168	24	13	0.03	5.91	9
CO21015	CO21013	12.33	58 1-	2ACSR	0	0	572	154	168	24	13	0.04	5.95	9
CO21014	CO21015	12.34	57 1-	2ACSR	0	0	571	154	165	23	13	0.01	5.96	3
CO21017	CO21014	12.41	55 1-	2ACSR	0	0	565	153	161	23	13	0.05	6.01	13
CO21016	CO21017	12.69	55 1-	2ACSR	0	0	542	152	161	23	13	0.20	6.21	50
CO20892	CO21016	12.75	3 1-	4ACSR	0	0	536	151	9	1	1	0.00	6.22	0
CO20910	CO20892	12.83	1 1-	4ACSR	0	0	528	150	3	0	0	0.00	6.22	0
CO20970	CO20892	12.81	2 1-	4ACSR	0	0	530	151	7	0	1	0.00	6.22	0
CO20969	CO20970	12.85	1 1-	4ACSR	0	0	526	150	7	0	1	0.00	6.22	0
CO20893	CO21016	12.83	51 1-	2ACSR	0	0	530	151	141	20	11	0.10	6.31	21
CO20912	CO20893	12.87	1 1-	2ACSR	0	0	527	151	8	1	1	0.00	6.31	0
CO20890	CO20893	12.89	50 1-	2ACSR	0	0	526	150	132	19	11	0.04	6.35	8
CO21018	CO20890	12.99	6 1-	4ACSR	0	0	517	150	17	2	2	0.01	6.36	0
CO21019	CO21018	13.09	4 1-	4ACSR	0	0	508	149	13	1	1	0.01	6.36	0
CO20947	CO21019	13.13	3 1-	4ACSR	0	0	505	148	6	0	1	0.00	6.36	0
CO20991	CO20947	13.17	1 1-	2ACSR	0	0	502	148	5	0	0	0.00	6.37	0
CO20990	CO20991	13.23	1 1-	2ACSR	0	0	497	148	5	0	0	0.00	6.37	0
CO20946	CO20947	13.26	2 1-	4ACSR	0	0	493	147	1	0	0	0.00	6.36	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20968	CO20890	12.93	4 1-	4ACSR	0	0	522	150	23	3	2	0.01	6.35	0
CO20967	CO20968	12.98	4 1-	4ACSR	0	0	518	150	23	3	2	0.01	6.36	0
CO20966	CO20967	13.05	3 1-	4ACSR	0	0	512	149	11	1	1	0.01	6.36	0
CO-556117998	CO20966	13.12	1 1-	2ACSR	0	0	507	149	8	1	1	0.00	6.36	0
CO20965	CO20966	13.09	1 1-	4ACSR	0	0	508	149	4	0	0	0.00	6.36	0
CO20889	CO20890	12.99	40 1-	2ACSR	0	0	519	150	92	13	7	0.04	6.39	6
CO20909	CO20889	13.05	1 1-	4ACSR	0	0	513	149	4	0	0	0.00	6.39	0
CO20888	CO20889	13.05	38 1-	2ACSR	0	0	514	150	85	12	7	0.02	6.41	3
CO21020	CO20888	13.17	35 1-	2ACSR	0	0	505	149	84	12	7	0.05	6.46	6
CO21022	CO21020	13.25	35 1-	2ACSR	0	0	500	148	84	12	7	0.03	6.49	4
CO21021	CO21022	13.30	34 1-	2ACSR	0	0	497	148	81	11	6	0.02	6.51	0
CO20927	CO21021	13.48	33 1-	2ACSR	0	0	485	147	76	11	6	0.07	6.57	8
CO20887	CO20927	13.79	32 1-	2ACSR	0	0	465	145	66	9	5	0.09	6.67	9
CO20937	CO20887	13.89	3 1-	2ACSR	0	0	459	145	3	0	0	0.00	6.67	0
CO20936	CO20937	13.95	3 1-	2ACSR	0	0	455	144	3	0	0	0.00	6.67	0
CO20935	CO20936	14.02	3 1-	2ACSR	0	0	452	144	3	0	0	0.00	6.67	0
CO20934	CO20935	14.09	3 1-	2ACSR	0	0	447	143	3	0	0	0.00	6.67	0
CO21023	CO20934	14.12	3 1-	2ACSR	0	0	446	143	3	0	0	0.00	6.67	0
CO21024	CO21023	14.16	2 1-	2ACSR	0	0	444	143	0	0	0	0.00	6.67	0
CO20933	CO21024	14.20	2 1-	2ACSR	0	0	441	143	0	0	0	0.00	6.67	0
CO20932	CO20933	14.24	1 1-	2ACSR	0	0	439	143	0	0	0	0.00	6.67	0
CO20931	CO20932	14.29	1 1-	2ACSR	0	0	437	142	0	0	0	0.00	6.67	0
CO20930	CO20931	14.36	1 1-	2ACSR	0	0	433	142	0	0	0	0.00	6.67	0
CO20907	CO20887	13.86	1 1-	2ACSR	0	0	461	145	1	0	0	0.00	6.67	0
CO20894	CO20887	13.95	26 1-	2ACSR	0	0	456	144	58	8	5	0.04	6.71	4
CO20913	CO20894	13.98	2 1-	2ACSR	0	0	454	144	2	0	0	0.00	6.71	0
CO20886	CO20894	14.11	24 1-	2ACSR	0	0	446	143	56	8	4	0.04	6.75	4
CO20906	CO20886	14.19	0 1-	4ACSR	0	0	441	143	0	0	0	0.00	6.75	0
CO20885	CO20886	14.19	24 1-	2ACSR	0	0	442	143	56	8	4	0.02	6.77	0
CO20905	CO20885	14.26	1 1-	4ACSR	0	0	437	142	1	0	0	0.00	6.77	0
CO23691	CO20885	14.32	23 1-	2ACSR	0	0	435	142	54	7	4	0.03	6.81	3
CO21084	CO23691	14.40	1 1-	4ACSR	0	0	430	142	6	0	1	0.00	6.81	0
CO21180	CO23691	14.53	22 1-	2ACSR	0	0	424	141	48	7	4	0.05	6.85	4
CO21179	CO21180	14.56	22 1-	2ACSR	0	0	422	141	48	7	4	0.01	6.86	0
CO21083	CO21179	14.88	1 1-	4ACSR	0	0	403	138	1	0	0	0.00	6.86	0
CO21182	CO21179	14.66	21 1-	2ACSR	0	0	417	140	48	6	4	0.02	6.88	0
OC636	CO21182	14.66	21 1-	35 H OCR	0	0	417	140	48	6	20	0.00	6.88	0
CO21181	OC636	14.67	21 1-	2ACSR	0	0	417	140	48	6	4	0.00	6.89	0
CO21082	CO21181	14.72	0 1-	4ACSR	0	0	414	140	0	0	0	0.00	6.89	0
CO21178	CO21181	14.72	21 1-	2ACSR	0	0	414	140	48	6	4	0.01	6.90	0
CO21177	CO21178	14.77	21 1-	2ACSR	0	0	412	140	48	6	4	0.01	6.91	0
CO21081	CO21177	14.82	1 1-	4ACSR	0	0	409	139	0	0	0	0.00	6.91	0
CO21176	CO21177	14.91	19 1-	2ACSR	0	0	405	139	43	6	3	0.03	6.94	0
CO21175	CO21176	14.97	19 1-	2ACSR	0	0	402	139	43	6	3	0.01	6.95	0
CO21058	CO21175	15.11	4 1-	4ACSR	0	0	394	138	3	0	0	0.00	6.95	0
CO21173	CO21058	15.21	3 1-	4ACSR	0	0	389	137	1	0	0	0.00	6.95	0
CO21174	CO21173	15.45	2 1-	4ACSR	0	0	377	135	1	0	0	0.00	6.95	0
CO21149	CO21174	15.54	2 1-	4ACSR	0	0	372	135	1	0	0	0.00	6.95	0
CO21148	CO21149	15.63	2 1-	4ACSR	0	0	367	134	1	0	0	0.00	6.95	0
CO21171	CO21148	15.88	2 1-	4ACSR	0	0	356	132	1	0	0	0.00	6.95	0
CO21172	CO21171	16.26	1 1-	4ACSR	0	0	339	130	0	0	0	0.00	6.96	0
CO21080	CO21058	15.17	1 1-	4ACSR	0	0	391	137	2	0	0	0.00	6.95	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21170	CO21175	15.04	14 1-	2ACSR	0	0	400	138	40	5	3	0.01	6.96	0
CO21169	CO21170	15.06	13 1-	2ACSR	0	0	398	138	37	5	3	0.00	6.97	0
CO21168	CO21169	15.13	12 1-	2ACSR	0	0	395	138	36	5	3	0.01	6.98	0
CO21167	CO21168	15.21	12 1-	2ACSR	0	0	392	137	36	5	3	0.01	6.99	0
CO21166	CO21167	15.41	11 1-	2ACSR	0	0	383	136	31	4	2	0.03	7.02	0
CO21165	CO21166	15.47	10 1-	2ACSR	0	0	381	136	29	4	2	0.01	7.02	0
CO21079	CO21165	15.51	1 1-	4ACSR	0	0	379	136	6	0	1	0.00	7.03	0
CO21147	CO21165	15.67	7 1-	2ACSR	0	0	373	135	14	2	1	0.01	7.04	0
CO21146	CO21147	15.76	7 1-	2ACSR	0	0	369	135	14	2	1	0.01	7.04	0
CO21059	CO21146	16.00	5 1-	2ACSR	0	0	360	133	7	0	1	0.01	7.05	0
CO21060	CO21059	16.04	1 1-	2ACSR	0	0	358	133	2	0	0	0.00	7.05	0
CO21140	CO21059	16.05	3 1-	4ACSR	0	0	358	133	1	0	0	0.00	7.05	0
CO21141	CO21140	16.27	3 1-	4ACSR	0	0	348	132	1	0	0	0.00	7.05	0
CO21185	CO21141	16.84	3 1-	4ACSR	0	0	324	128	1	0	0	0.00	7.05	0
CO21142	CO21185	17.20	3 1-	4ACSR	0	0	311	126	1	0	0	0.00	7.05	0
CO21075	CO21142	17.33	0 1-	4ACSR	0	0	306	125	0	0	0	0.00	7.05	0
CO21143	CO21142	17.25	3 1-	4ACSR	0	0	309	125	1	0	0	0.00	7.06	0
CO21144	CO21143	17.58	3 1-	4ACSR	0	0	298	123	1	0	0	0.00	7.06	0
CO21183	CO21144	17.67	0 1-	4ACSR	0	0	294	123	0	0	0	0.00	7.06	0
CO21184	CO21183	17.91	0 1-	4ACSR	0	0	287	121	0	0	0	0.00	7.06	0
CO21072	CO21144	17.94	1 1-	4ACSR	0	0	286	121	0	0	0	0.00	7.06	0
CO21145	CO21144	17.81	2 1-	4ACSR	0	0	290	122	1	0	0	0.00	7.06	0
CO23672	CO21145	18.34	1 1-	4ACSR	0	0	274	119	0	0	0	0.00	7.06	0
CO21078	CO21146	15.83	1 1-	4ACSR	0	0	365	134	6	0	1	0.00	7.04	0
CO-1050031709	CO20927	13.54	1 1-	2ACSR	0	0	481	147	10	1	1	0.00	6.57	0
CO20908	CO20927	13.53	0 1-	4ACSR	0	0	481	147	0	0	0	0.00	6.57	0
CO20945	CO20888	13.23	3 1-	4ACSR	0	0	498	148	1	0	0	0.00	6.41	0
CO20944	CO20945	13.35	3 1-	4ACSR	0	0	488	147	1	0	0	0.00	6.41	0
CO20943	CO20944	13.47	2 1-	4ACSR	0	0	478	146	0	0	0	0.00	6.41	0
CO20942	CO20943	13.59	1 1-	4ACSR	0	0	470	145	0	0	0	0.00	6.41	0
CO20941	CO20942	13.68	1 1-	4ACSR	0	0	462	144	0	0	0	0.00	6.41	0
CO20940	CO20941	13.76	1 1-	4ACSR	0	0	456	144	0	0	0	0.00	6.41	0
CO20939	CO20940	13.85	1 1-	4ACSR	0	0	450	143	0	0	0	0.00	6.41	0
CO20938	CO20939	13.97	1 1-	4ACSR	0	0	442	142	0	0	0	0.00	6.41	0
CO20911	CO20929	12.22	1 1-	4ACSR	0	0	581	155	2	0	0	0.00	5.83	0
CO20948	CO20891	12.34	2 1-	4ACSR	0	0	565	153	12	1	1	0.02	5.73	0
CO21042	CO20948	12.39	1 1-	4ACSR	0	0	560	153	9	1	1	0.00	5.73	0
CO21043	CO21042	12.44	0 1-	4ACSR	0	0	555	152	0	0	0	0.00	5.73	0
CO21009	CO20952	12.06	3 1-	4ACSR	0	0	595	156	1	0	0	0.00	5.68	0
CO21010	CO21009	13.13	2 1-	4ACSR	0	0	489	146	1	0	0	0.00	5.68	0
CO21011	CO21010	13.30	1 1-	4ACSR	0	0	475	145	0	0	0	0.00	5.68	0
CO20949	CO21011	13.57	1 1-	4ACSR	0	0	455	143	0	0	0	0.00	5.68	0
CO21049	CO21046	11.74	1 1-	4ACSR	0	0	628	158	9	1	1	0.00	5.41	0
CO20974	CO20895	11.66	1 1-	4ACSR	0	0	633	158	5	0	0	0.01	5.23	0
CO20973	CO20974	11.72	1 1-	4ACSR	0	0	626	157	5	0	0	0.00	5.23	0
CO20972	CO20973	11.77	1 1-	4ACSR	0	0	620	157	5	0	0	0.00	5.23	0
CO20925+	CO21007	11.03	1 1-	4ACSR	0	0	647	258	2	0	0	0.00	4.06	0
CO20961+	CO21007	11.03	62 3-	6HDCU	812	786	646	258	252	5	5	0.00	4.06	0
CO20926+	CO20961	11.08	1 1-	2ACSR	0	0	643	257	4	0	0	0.00	4.06	0
CO20960+	CO20961	11.07	61 3-	6HDCU	808	782	643	257	249	5	4	0.00	4.07	0
CO21045+	CO20960	11.12	60 3-	6HDCU	803	778	639	257	243	5	4	0.01	4.07	2
CO21028+	CO21045	11.14	59 3-	6HDCU	802	776	638	257	241	5	4	0.00	4.07	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21029+	CO21028	11.28	58 3-	6HDCU	790	765	628	255	232	5	4	0.01	4.09	6
CO20964+	CO21029	11.46	34 3-	6HDCU	774	750	616	253	136	3	2	0.01	4.10	3
CO20963+	CO20964	11.52	34 3-	6HDCU	768	745	612	252	136	3	2	0.00	4.10	0
CO20962+	CO20963	11.57	34 3-	6HDCU	764	741	608	251	136	3	2	0.00	4.11	0
CO21036+	CO20962	11.62	3 1-	4ACSR	0	0	605	251	10	0	1	0.00	4.11	0
CO21037+	CO21036	11.73	1 1-	4ACSR	0	0	598	249	5	0	0	0.00	4.11	0
CO20903+	CO20962	11.65	31 3-	6HDCU	757	735	603	250	126	2	2	0.00	4.11	0
CO21047+	CO20903	11.85	31 3-	6HDCU	741	720	590	248	126	2	2	0.01	4.12	2
CO21038+	CO21047	11.89	30 3-	6HDCU	738	717	587	247	125	2	2	0.00	4.12	0
CO20971+	CO21038	11.96	0 1-	4ACSR	0	0	583	246	0	0	0	0.00	4.12	0
CO21048+	CO20971	12.04	0 1-	4ACSR	0	0	578	246	0	0	0	0.00	4.12	0
CO21041+	CO21038	11.97	30 3-	6HDCU	732	712	583	246	125	2	2	0.00	4.13	0
CO-1488958710+	CO21041	12.02	1 1-	2ACSR	0	0	580	246	7	0	0	0.00	4.13	0
CO23277+	CO21041	12.01	1 3-	2ACSR	730	710	581	246	11	0	0	0.00	4.13	0
CO23675+	CO21041	12.12	27 3-	6HDCU	720	701	574	245	92	2	2	0.01	4.13	0
CO23293+	CO23675	12.26	27 3-	6HDCU	709	691	565	243	92	2	2	0.01	4.14	0
OC1967254615+	CO23293	12.26	0 3-	15 N FUSE	709	691	565	243	0	0	0	0.00	4.14	0
AU818806806+	CO23293	12.26	27 3-	333 KVA 1PH AUT	380	362	331	209	92	2	9	0.09	4.23	0
CO23288+	AU818806806	12.50	27 3-	6HDCU	376	359	327	207	92	2	2	0.01	4.24	0
CO23278+	CO23288	12.55	1 1-	2ACSR	0	0	326	206	7	0	0	0.00	4.24	0
CO23289+	CO23288	12.54	26 3-	6HDCU	376	358	326	206	85	1	2	0.00	4.24	0
CO23287+	CO23289	12.84	25 3-	6HDCU	371	354	321	204	78	1	1	0.01	4.25	0
CO23303+	CO23287	12.97	23 3-	6HDCU	369	352	319	203	77	1	1	0.00	4.26	0
CO23304+	CO23303	12.98	23 3-	6HDCU	369	352	319	203	77	1	1	0.00	4.26	0
CO23299+	CO23304	13.04	21 3-	6HDCU	368	351	318	202	67	1	1	0.00	4.26	0
CO23300+	CO23299	13.22	21 3-	6HDCU	365	348	315	201	67	1	1	0.01	4.27	0
CO23286+	CO23300	13.38	20 3-	6HDCU	362	346	313	200	60	1	1	0.00	4.27	0
CO23285+	CO23286	13.57	19 3-	6HDCU	360	343	310	198	60	1	1	0.01	4.28	0
CO23271+	CO23285	13.62	18 3-	6HDCU	359	343	309	198	55	1	1	0.00	4.28	0
CO23282+	CO23271	13.67	3 1-	4ACSR	0	0	308	197	9	0	0	0.00	4.28	0
CO23283+	CO23282	13.71	2 1-	4ACSR	0	0	308	197	7	0	0	0.00	4.28	0
CO23284+	CO23283	13.79	1 1-	4ACSR	0	0	306	197	0	0	0	0.00	4.28	0
CO23281+	CO23271	13.65	14 3-	6HDCU	358	342	308	198	35	0	1	0.00	4.28	0
CO23297+	CO23281	13.76	13 3-	6HDCU	357	341	307	197	29	0	1	0.00	4.28	0
CO23298+	CO23297	13.83	13 3-	6HDCU	356	340	306	196	29	0	1	0.00	4.28	0
CO23276+	CO23298	14.00	0 1-	4ACSR	0	0	303	195	0	0	0	0.00	4.28	0
CO23280+	CO23298	13.89	12 3-	6HDCU	355	339	305	196	29	0	1	0.00	4.28	0
CO23295+	CO23280	13.97	11 3-	6HDCU	354	338	304	195	24	0	0	0.00	4.28	0
CO23296+	CO23295	14.08	11 3-	6HDCU	352	336	302	194	24	0	0	0.00	4.28	0
CO23294+	CO23296	14.10	11 3-	6HDCU	352	336	302	194	24	0	0	0.00	4.28	0
CO23279+	CO23294	14.16	10 3-	6HDCU	351	335	301	194	17	0	0	0.00	4.28	0
CO23674+	CO23279	14.42	10 3-	6HDCU	347	332	297	192	17	0	0	0.00	4.29	0
CO23328+	CO23674	14.56	10 3-	6HDCU	345	330	295	191	17	0	0	0.00	4.29	0
CO23329+	CO23328	14.89	9 3-	6HDCU	340	326	290	189	14	0	0	0.00	4.29	0
CO23330+	CO23329	14.93	9 3-	6HDCU	340	325	290	188	14	0	0	0.00	4.29	0
CO23311+	CO23330	15.06	9 3-	6HDCU	338	323	288	187	14	0	0	0.00	4.29	0
CO23326+	CO23311	15.13	1 1-	4ACSR	0	0	287	187	0	0	0	0.00	4.29	0
CO23312+	CO23311	15.47	8 3-	6HDCU	332	318	282	185	14	0	0	0.00	4.29	0
CO23367+	CO23312	15.48	7 1-	6HDCU	0	0	282	184	12	0	1	0.00	4.29	0
OC707+	CO23367	15.48	7 1-	25 H OCR	0	0	282	184	12	0	3	0.00	4.29	0
CO23368+	OC707	15.80	7 1-	6HDCU	0	0	278	182	12	0	1	0.01	4.30	0
CO23339+	CO23368	16.15	7 1-	6HDCU	0	0	274	180	12	0	1	0.01	4.30	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23340+	CO23339	16.17	7 1-	6HDCU	0	0	273	180	12	0	1	0.00	4.31	0
CO23341+	CO23340	16.20	7 1-	6HDCU	0	0	273	180	12	0	1	0.00	4.31	0
CO23342+	CO23341	16.60	7 1-	6HDCU	0	0	268	177	12	0	1	0.01	4.31	0
CO23373+	CO23342	16.70	7 1-	6HDCU	0	0	267	177	12	0	1	0.00	4.32	0
CO23371+	CO23373	16.82	7 1-	6HDCU	0	0	266	176	12	0	1	0.00	4.32	0
CO23372+	CO23371	17.08	7 1-	6HDCU	0	0	262	174	12	0	1	0.00	4.32	0
CO23360+	CO23372	17.23	7 1-	6HDCU	0	0	261	174	12	0	1	0.00	4.33	0
CO23306+	CO23360	17.29	7 1-	6HDCU	0	0	260	173	12	0	1	0.00	4.33	0
CO23307+	CO23306	17.54	7 1-	6HDCU	0	0	257	172	12	0	1	0.00	4.33	0
CO23343+	CO23307	17.59	5 1-	6HDCU	0	0	256	171	8	0	0	0.00	4.33	0
CO23344+	CO23343	17.73	5 1-	6HDCU	0	0	255	171	8	0	0	0.00	4.33	0
CO23319+	CO23344	17.77	0 1-	4ACSR	0	0	255	170	0	0	0	0.00	4.33	0
CO23308+	CO23344	17.90	5 1-	6HDCU	0	0	253	170	8	0	0	0.00	4.34	0
CO23363+	CO23308	17.96	4 1-	6HDCU	0	0	252	169	8	0	0	0.00	4.34	0
CO23364+	CO23363	18.06	3 1-	6HDCU	0	0	251	169	7	0	0	0.00	4.34	0
CO23346+	CO23364	18.09	3 1-	6HDCU	0	0	251	169	7	0	0	0.00	4.34	0
CO23345+	CO23346	18.13	3 1-	6HDCU	0	0	251	168	7	0	0	0.00	4.34	0
CO23347+	CO23345	18.20	1 1-	4ACSR	0	0	250	168	0	0	0	0.00	4.34	0
CO23348+	CO23347	18.22	1 1-	4ACSR	0	0	250	168	0	0	0	0.00	4.34	0
CO23323+	CO23348	18.33	1 1-	4ACSR	0	0	248	167	0	0	0	0.00	4.34	0
CO23349+	CO23348	18.31	0 1-	4ACSR	0	0	249	167	0	0	0	0.00	4.34	0
CO23350+	CO23349	18.42	0 1-	4ACSR	0	0	247	167	0	0	0	0.00	4.34	0
CO23365+	CO23345	18.17	2 1-	4ACSR	0	0	250	168	7	0	0	0.00	4.34	0
CO23366+	CO23365	18.20	1 1-	4ACSR	0	0	250	168	0	0	0	0.00	4.34	0
CO23369+	CO23345	18.13	0 1-	4ACSR	0	0	250	168	0	0	0	0.00	4.34	0
SW708-B+	CO23369	18.13	0 1-	Closed	0	0	250	168	0	0	0	0.00	4.34	0
SW708-A+	SW708-B	18.13	0 1-	Closed	0	0	250	168	0	0	0	0.00	4.34	0
CO23370+	SW708-A	18.33	0 1-	4ACSR	0	0	248	167	0	0	0	0.00	4.34	0
CO23351+	CO23370	18.37	0 1-	4ACSR	0	0	248	167	0	0	0	0.00	4.34	0
CO23324+	CO23351	18.43	0 1-	4ACSR	0	0	247	167	0	0	0	0.00	4.34	0
CO23352+	CO23351	18.56	0 1-	4ACSR	0	0	246	166	0	0	0	0.00	4.34	0
CO23353+	CO23352	18.60	0 1-	4ACSR	0	0	245	166	0	0	0	0.00	4.34	0
CO23354+	CO23353	18.70	0 1-	4ACSR	0	0	244	165	0	0	0	0.00	4.34	0
CO23309+	CO23308	17.96	1 1-	4ACSR	0	0	252	169	0	0	0	0.00	4.34	0
CO23322+	CO23309	18.01	0 1-	4ACSR	0	0	252	169	0	0	0	0.00	4.34	0
CO23310+	CO23309	18.00	1 1-	4ACSR	0	0	252	169	0	0	0	0.00	4.34	0
CO23321+	CO23310	18.31	1 1-	4ACSR	0	0	249	167	0	0	0	0.00	4.34	0
CO23320+	CO23310	18.04	0 1-	4ACSR	0	0	251	169	0	0	0	0.00	4.34	0
CO23318+	CO23307	17.62	2 1-	4ACSR	0	0	256	171	3	0	0	0.00	4.33	0
CO23317+	CO23306	17.33	0 1-	4ACSR	0	0	260	173	0	0	0	0.00	4.33	0
CO23361+	CO23360	17.40	0 1-	6ACSR	0	0	258	172	0	0	0	0.00	4.33	0
CO23362+	CO23361	17.44	0 1-	6ACSR	0	0	257	172	0	0	0	0.00	4.33	0
CO23316+	CO23373	16.76	0 1-	4ACSR	0	0	266	176	0	0	0	0.00	4.32	0
CO23327+	CO23342	16.67	0 1-	4ACSR	0	0	267	177	0	0	0	0.00	4.31	0
CO23333+	CO23312	15.75	1 3-	6HDCU	328	315	279	183	3	0	0	0.00	4.29	0
CO23334+	CO23333	15.88	0 3-	6HDCU	327	313	277	182	0	0	0	0.00	4.29	0
CO23335+	CO23334	16.13	0 3-	6HDCU	323	310	274	180	0	0	0	0.00	4.29	0
CO23673+	CO23335	16.41	0 3-	6HDCU	320	307	270	178	0	0	0	0.00	4.29	0
CO21152+	CO23673	16.44	0 3-	6HDCU	319	306	270	178	0	0	0	0.00	4.29	0
CO21087+	CO21152	16.56	0 1-	4ACSR	0	0	269	178	0	0	0	0.00	4.29	0
CO21085+	CO21152	16.52	0 3-	6HDCU	318	305	269	178	0	0	0	0.00	4.29	0
CO21086+	CO21085	16.56	0 1-	4ACSR	0	0	269	178	0	0	0	0.00	4.29	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23336+	CO23335	16.19	0 1-	4ACSR	0	0	273	180	0	0	0	0.00	4.29	0
CO23337+	CO23336	16.66	0 1-	4ACSR	0	0	267	177	0	0	0	0.00	4.29	0
CO23338+	CO23337	16.93	0 1-	4ACSR	0	0	264	175	0	0	0	0.00	4.29	0
CO23331+	CO23330	15.09	0 1-	4ACSR	0	0	288	187	0	0	0	0.00	4.29	0
CO23332+	CO23331	15.16	0 1-	4ACSR	0	0	287	187	0	0	0	0.00	4.29	0
CO23325+	CO23328	14.64	1 1-	4ACSR	0	0	294	190	2	0	0	0.00	4.29	0
CO23275+	CO23271	13.69	1 1-	4ACSR	0	0	308	197	10	0	1	0.00	4.28	0
CO23274+	CO23285	13.67	1 1-	4ACSR	0	0	308	197	6	0	0	0.00	4.28	0
CO23301+	CO23304	13.07	2 1-	4ACSR	0	0	318	202	10	0	1	0.00	4.26	0
CO23302+	CO23301	13.09	2 1-	4ACSR	0	0	317	202	10	0	1	0.00	4.26	0
CO-1313213875+	CO23302	13.13	1 1-	2ACSR	0	0	317	202	1	0	0	0.00	4.26	0
CO23273+	CO23287	12.91	2 1-	4ACSR	0	0	320	203	0	0	0	0.00	4.25	0
CO23290+	CO23293	12.31	0 1-	4ACSR	0	0	562	242	0	0	0	0.00	4.14	0
CO23291+	CO23290	12.37	0 1-	4ACSR	0	0	558	242	0	0	0	0.00	4.14	0
CO23272+	CO23291	12.40	0 1-	4ACSR	0	0	557	241	0	0	0	0.00	4.14	0
CO20989+	CO20962	11.77	0 1-	4ACSR	0	0	595	249	0	0	0	0.00	4.11	0
CO20988+	CO20989	11.90	0 1-	4ACSR	0	0	587	247	0	0	0	0.00	4.11	0
CO20986+	CO21029	11.31	20 1-	4ACSR	0	0	626	254	78	5	4	0.00	4.09	0
CO20987+	CO20986	11.36	17 1-	4ACSR	0	0	622	254	65	4	3	0.01	4.10	0
CO21032+	CO20987	11.41	10 1-	4ACSR	0	0	619	253	40	2	2	0.00	4.10	0
CO21033+	CO21032	11.43	6 1-	4ACSR	0	0	618	253	28	1	1	0.00	4.10	0
CO21034+	CO21033	11.45	6 1-	4ACSR	0	0	616	253	28	1	1	0.00	4.10	0
CO21035+	CO21034	11.50	2 1-	4ACSR	0	0	613	252	11	0	1	0.00	4.10	0
CO21030+	CO20987	11.40	3 1-	4ACSR	0	0	619	253	13	0	1	0.00	4.10	0
CO21031+	CO21030	11.43	2 1-	4ACSR	0	0	618	253	9	0	0	0.00	4.10	0
CO20985+	CO20986	11.35	3 1-	4ACSR	0	0	623	254	14	0	1	0.00	4.09	0
CO21025+	CO20960	11.12	1 1-	4ACSR	0	0	640	257	6	0	0	0.00	4.07	0
CO21026+	CO21025	11.21	0 1-	4ACSR	0	0	633	256	0	0	0	0.00	4.07	0
CO20924+	CO20902	10.64	2 1-	4ACSR	0	0	677	263	12	0	1	0.00	3.97	0
CO20981+	CO20900	10.46	1 1-	4ACSR	0	0	692	265	11	0	1	0.00	3.93	0
CO20980+	CO20981	10.52	1 1-	4ACSR	0	0	687	265	11	0	1	0.00	3.94	0
CO20922+	CO20954	10.40	2 1-	4ACSR	0	0	696	266	6	0	0	0.00	3.91	0
CO20921+	CO20899	9.71	1 1-	4ACSR	0	0	760	276	3	0	0	0.00	3.74	0
CO20920+	CO20899	9.72	3 1-	4ACSR	0	0	759	276	4	0	0	0.00	3.74	0
CO20977+	CO21002	9.37	3 1-	4ACSR	0	0	796	281	14	0	1	0.00	3.64	0
CO20976+	CO20977	9.41	1 1-	4ACSR	0	0	791	281	8	0	0	0.00	3.64	0
CO20791+	CO20790	8.45	3 1-	4ACSR	0	0	906	296	6	0	0	0.00	3.36	0
CO20792+	CO20791	8.48	2 1-	4ACSR	0	0	902	296	4	0	0	0.00	3.36	0
CO-37695439+	CO20593	7.87	1 1-	2ACSR	0	0	989	307	5	0	0	0.00	3.18	0
CO20525+	CO-37695439	7.93	1 1-	2ACSR	0	0	981	306	5	0	0	0.00	3.18	0
CO-615549715+	CO20525	8.24	0 1-	2ACSR	0	0	944	302	0	0	0	0.00	3.18	0
CO20594+	CO-615549715	8.37	0 1-	4ACSR	0	0	927	300	0	0	0	0.00	3.18	0
CO20693+	CO20694	7.18	4 1-	4ACSR	0	0	1085	316	14	0	1	0.00	3.01	0
CO20692+	CO20693	7.21	2 1-	4ACSR	0	0	1079	315	8	0	0	0.00	3.01	0
CO20609+	CO20596	6.96	4 2-	2ACSR	0	1261	1106	317	18	0	0	0.00	3.00	0
CO20697+	CO20452	6.81	2 1-	4ACSR	0	0	1132	320	10	0	1	0.00	2.95	0
CO20696+	CO20697	6.85	1 1-	4ACSR	0	0	1125	319	8	0	0	0.00	2.95	0
CO20785+	CO20784	6.78	7 1-	4ACSR	0	0	1137	321	33	2	2	0.00	2.93	0
CO20786+	CO20785	6.81	5 1-	4ACSR	0	0	1131	320	27	1	1	0.00	2.93	0
OC1816114868+	CO20786	6.81	4 1-	15 N FUSE	0	0	1131	320	26	1	12	0.00	2.93	0
CO20661+	OC1816114868	6.86	3 1-	4ACSR	0	0	1123	319	15	1	1	0.00	2.93	0
CO20660+	CO20661	6.88	3 1-	4ACSR	0	0	1119	319	15	1	1	0.00	2.93	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20825+	OC1816114868	6.89	1 1-	4ACSR	0	0	1117	318	11	0	1	0.00	2.93	0
CO20826+	CO20825	6.98	1 1-	4ACSR	0	0	1101	317	11	0	1	0.00	2.93	0
CO20589+	CO20826	7.01	1 1-	4ACSR	0	0	1097	316	11	0	1	0.00	2.93	0
CO20659+	CO20589	7.07	1 1-	4ACSR	0	0	1085	315	11	0	1	0.00	2.93	0
CO20658+	CO20659	7.21	1 1-	4ACSR	0	0	1061	312	11	0	1	0.00	2.94	0
CO20657+	CO20658	7.27	1 1-	4ACSR	0	0	1051	311	11	0	1	0.00	2.94	0
CO20447+	CO20442	6.16	3 3-	4ACSR	1459	1372	1227	327	91	2	2	0.00	2.71	0
CO20670+	CO20447	6.23	2 1-	4ACSR	0	0	1213	326	2	0	0	0.00	2.71	0
CO20669+	CO20670	6.29	1 1-	4ACSR	0	0	1201	325	0	0	0	0.00	2.71	0
CO20463+	CO20441	6.03	73 3-	6ACWC	1477	1390	1247	329	1364	31	23	0.00	2.69	4
CO20611+	CO20463	6.04	9 3-	4ACSR	1476	1388	1245	328	640	14	11	0.00	2.70	3
CO20610+	CO20611	6.08	7 3-	4ACSR	1468	1381	1236	328	638	14	11	0.01	2.71	13
CO20754+	CO20610	6.11	4 3-	4ACSR	1462	1375	1230	327	599	13	10	0.01	2.72	8
CO20755+	CO20754	6.22	2 3-	4ACSR	1441	1357	1209	325	591	13	10	0.03	2.74	29
CO20756+	CO20755	6.24	2 3-	4ACSR	1435	1352	1203	324	591	13	10	0.01	2.75	8
CO1148803847+	CO20756	6.25	2 3-	1/0PRIURD	1435	1351	1202	675	591	13	9	0.00	2.75	0
220438101+	CO1148803847	6.25	1 3-	Consumer	1435	1351	1202	675	591	13	0	0.00	2.75	0
CO20598+	CO20756	6.29	0 3-	4ACSR	1426	1343	1193	323	0	0	0	0.00	2.75	0
CO20597+	CO20598	6.32	0 3-	4ACSR	1420	1338	1188	323	0	0	0	0.00	2.75	0
XFMR166	CO20463	6.03	64 3-	500 KVA 1PH AUT	1049	1026	985	175	724	16	49	0.64	3.33	0
CO-965566537	XFMR166	6.07	64 3-	2ACSR	1043	1019	977	174	724	33	19	0.04	3.37	44
CO20523	CO-965566537	6.07	1 3-	2ACSR	1043	1019	976	174	128	5	3	0.00	3.37	0
CO20808	CO20523	6.08	1 3-	1/0PRIURD	1043	1019	975	416	128	5	4	0.00	3.37	0
220438205	CO20808	6.08	1 3-	Consumer	1043	1019	975	416	128	5	0	0.00	3.37	0
CO2084297266	CO-965566537	6.14	63 3-	2ACSR	1034	1009	964	174	597	27	15	0.05	3.41	45
CO-312727103	CO2084297266	6.20	63 3-	2ACSR	1024	998	950	173	596	27	15	0.05	3.46	48
CO-830833601	CO-312727103	6.25	63 3-	2ACSR	1017	991	941	173	596	27	15	0.03	3.50	33
CO1439602964	CO-830833601	6.29	56 3-	2ACSR	1011	983	933	173	465	21	12	0.03	3.52	19
CO20500	CO1439602964	6.30	1 3-	4ACSR	1010	983	932	173	219	10	7	0.00	3.52	0
CO-1764000829	CO20500	6.33	0 3-	1/0PRIURD	1009	981	927	404	0	0	0	0.00	3.52	0
220438201	CO20500	6.30	1 3-	Consumer	1010	983	932	173	219	10	0	0.00	3.52	0
CO20821	CO1439602964	6.34	55 1-	6ACWC	0	0	922	172	246	34	25	0.08	3.60	31
OC621	CO20821	6.34	55 1-	35 H OCR	0	0	922	172	246	34	99	0.00	3.60	0
CO20822	OC621	6.40	55 1-	6ACWC	0	0	910	171	246	34	25	0.09	3.69	36
CO20607	CO20822	6.42	3 1-	6ACWC	0	0	906	171	4	0	0	0.00	3.69	0
CO20502	CO20607	6.45	2 1-	4ACSR	0	0	900	171	4	0	0	0.00	3.69	0
CO20501	CO20607	6.51	1 1-	4ACSR	0	0	887	170	0	0	0	0.00	3.69	0
CO20600	CO20822	6.43	51 1-	6ACWC	0	0	904	171	241	33	24	0.05	3.74	18
CO20599	CO20600	6.53	48 1-	6ACWC	0	0	884	170	228	31	23	0.14	3.87	50
CO20757	CO20599	6.56	46 1-	6ACWC	0	0	878	170	225	31	23	0.04	3.92	16
CO20758	CO20757	6.63	45 1-	6ACWC	0	0	863	169	225	31	23	0.10	4.02	38
CO20443	CO20758	6.72	42 1-	6ACWC	0	0	845	168	219	30	22	0.13	4.15	45
CO20650	CO20443	6.81	3 1-	4ACSR	0	0	828	167	15	2	2	0.01	4.15	0
CO20649	CO20650	6.83	1 1-	4ACSR	0	0	823	167	4	0	0	0.00	4.15	0
CO20444	CO20443	6.86	37 1-	6ACWC	0	0	819	167	195	27	20	0.17	4.32	55
CO20805	CO20444	6.87	33 1-	6ACWC	0	0	815	166	179	25	18	0.02	4.34	6
CO20806	CO20805	6.89	31 1-	6ACWC	0	0	813	166	171	24	17	0.01	4.35	3
CO20807	CO20806	6.90	28 1-	6ACWC	0	0	811	166	153	21	15	0.01	4.36	3
CO20703	CO20807	6.92	1 1-	2ACSR	0	0	808	166	11	1	1	0.00	4.36	0
CO20702	CO20703	6.97	1 1-	2ACSR	0	0	799	166	11	1	1	0.00	4.36	0
CO20759	CO20807	6.95	27 1-	6ACWC	0	0	800	166	141	19	14	0.05	4.41	12
CO20760	CO20759	7.05	26 1-	6ACWC	0	0	783	165	133	18	13	0.08	4.49	16

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20490	CO20760	7.17	0 1-	4ACSR	0	0	761	163	0	0	0	0.00	4.49	0
CO20489	CO20760	7.10	0 1-	4ACSR	0	0	772	164	0	0	0	0.00	4.49	0
CO20488	CO20760	7.14	1 1-	4ACSR	0	0	766	164	16	2	2	0.00	4.49	0
CO20445	CO20760	7.11	23 1-	6ACWC	0	0	772	164	108	15	11	0.05	4.53	8
CO20491	CO20445	7.15	1 1-	4ACSR	0	0	764	164	11	1	1	0.00	4.53	0
CO20761	CO20445	7.18	22 1-	6ACWC	0	0	759	163	97	13	10	0.04	4.57	7
CO20762	CO20761	7.24	20 1-	6ACWC	0	0	749	163	92	12	9	0.03	4.61	4
CO20492	CO20762	7.33	1 1-	4ACSR	0	0	733	162	0	0	0	0.00	4.61	0
CO20765	CO20762	7.29	15 1-	6ACWC	0	0	740	162	70	9	7	0.02	4.63	3
CO20766	CO20765	7.58	14 1-	6ACWC	0	0	693	159	65	9	7	0.12	4.75	12
CO20767	CO20766	7.79	12 1-	6ACWC	0	0	662	157	60	8	6	0.08	4.83	8
CO20768	CO20767	7.83	11 1-	6ACWC	0	0	657	157	60	8	6	0.02	4.84	0
CO20579	CO20768	7.93	11 1-	6ACWC	0	0	642	156	60	8	6	0.04	4.88	4
CO20769	CO20579	8.04	5 1-	4ACSR	0	0	628	155	29	4	3	0.02	4.90	0
CO20770	CO20769	8.06	4 1-	4ACSR	0	0	625	155	26	3	3	0.00	4.90	0
CO20771	CO20770	8.08	3 1-	4ACSR	0	0	622	155	18	2	2	0.00	4.90	0
CO20521	CO20771	8.12	1 1-	2ACSR	0	0	618	154	3	0	0	0.00	4.90	0
CO20654	CO20771	8.10	2 1-	4ACSR	0	0	620	155	15	2	2	0.00	4.91	0
CO20633	CO20654	8.16	2 1-	4ACSR	0	0	612	154	15	2	2	0.00	4.91	0
CO20632	CO20633	8.33	1 1-	4ACSR	0	0	591	152	9	1	1	0.00	4.92	0
CO20446	CO20579	8.12	5 1-	6ACWC	0	0	617	154	26	3	3	0.03	4.91	0
CO20434	CO20446	8.40	5 1-	6ACWC	0	0	583	152	26	3	3	0.05	4.96	0
CO20540	CO20434	8.62	3 1-	6ACWC	0	0	558	150	21	3	2	0.03	4.99	0
CO20539	CO20540	8.69	3 1-	6ACWC	0	0	551	149	21	3	2	0.01	5.00	0
CO20631	CO20539	8.72	1 1-	4ACSR	0	0	548	149	9	1	1	0.00	5.00	0
CO20630	CO20631	8.78	1 1-	4ACSR	0	0	541	149	9	1	1	0.00	5.00	0
CO20629	CO20630	8.82	1 1-	4ACSR	0	0	538	148	9	1	1	0.00	5.00	0
CO20551	CO20539	8.77	2 1-	4ACSR	0	0	542	149	12	1	1	0.01	5.00	0
CO20772	CO20551	8.84	2 1-	4ACSR	0	0	535	148	12	1	1	0.01	5.01	0
CO20773	CO20772	8.89	2 1-	4ACSR	0	0	530	148	12	1	1	0.00	5.01	0
CO20550	CO20773	8.93	2 1-	4ACSR	0	0	526	147	12	1	1	0.00	5.02	0
CO20704	CO20550	9.00	1 1-	2ACSR	0	0	520	147	0	0	0	0.00	5.02	0
CO23692	CO20704	9.27	1 1-	2ACSR	0	0	500	145	0	0	0	0.00	5.02	0
CO20992	CO23692	9.49	1 1-	2ACSR	0	0	485	144	0	0	0	0.00	5.02	0
CO20549	CO20550	9.08	1 1-	4ACSR	0	0	512	146	12	1	1	0.01	5.03	0
CO20548	CO20549	9.15	1 1-	4ACSR	0	0	505	146	12	1	1	0.01	5.03	0
CO20547	CO20548	9.23	1 1-	4ACSR	0	0	498	145	12	1	1	0.01	5.04	0
CO20480	CO20547	9.32	0 1-	4ACSR	0	0	490	144	0	0	0	0.00	5.04	0
CO20477	CO20547	9.30	1 1-	4ACSR	0	0	492	144	12	1	1	0.00	5.04	0
CO20646	CO20434	8.50	2 1-	4ACSR	0	0	572	151	4	0	0	0.00	4.96	0
CO20699	CO20646	8.59	1 1-	2ACSR	0	0	564	150	4	0	0	0.00	4.96	0
CO20698	CO20699	8.67	1 1-	2ACSR	0	0	556	150	4	0	0	0.00	4.96	0
CO20645	CO20646	8.59	1 1-	4ACSR	0	0	562	150	0	0	0	0.00	4.96	0
CO20763	CO20762	7.35	3 1-	4ACSR	0	0	729	162	7	0	1	0.00	4.61	0
CO20764	CO20763	7.41	0 1-	4ACSR	0	0	721	161	0	0	0	0.00	4.61	0
CO20653	CO20444	6.88	3 1-	4ACSR	0	0	815	166	14	2	1	0.00	4.32	0
CO20652	CO20653	6.90	1 1-	4ACSR	0	0	811	166	5	0	1	0.00	4.32	0
CO20651	CO20652	6.92	1 1-	4ACSR	0	0	806	166	5	0	1	0.00	4.32	0
CO20487	CO20443	6.80	1 1-	4ACSR	0	0	829	167	6	0	1	0.00	4.15	0
CO20486	CO20443	6.81	1 1-	4ACSR	0	0	828	167	4	0	0	0.00	4.15	0
CO20484	CO20758	6.81	0 1-	4ACSR	0	0	827	167	0	0	0	0.00	4.02	0
CO20578	CO20758	6.70	2 1-	4ACSR	0	0	848	168	2	0	0	0.00	4.02	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20577	CO20578	6.76	1 1-	4ACSR	0	0	837	168	0	0	0	0.00	4.02	0
CO20576	CO20577	6.95	1 1-	4ACSR	0	0	800	166	0	0	0	0.00	4.02	0
CO20575	CO20576	7.08	1 1-	4ACSR	0	0	776	164	0	0	0	0.00	4.02	0
CO20574	CO20575	7.25	1 1-	4ACSR	0	0	746	162	0	0	0	0.00	4.02	0
CO20573	CO20574	7.48	1 1-	4ACSR	0	0	708	160	0	0	0	0.00	4.02	0
CO20572	CO20573	7.59	1 1-	4ACSR	0	0	690	159	0	0	0	0.00	4.02	0
CO20485	CO20599	6.58	1 1-	4ACSR	0	0	873	169	2	0	0	0.00	3.87	0
CO20665	CO-830833601	6.26	7 3-	4ACSR	1015	988	939	173	131	6	4	0.00	3.50	0
CO-851027918	CO20665	6.27	0 3-	2ACSR	1014	987	937	173	0	0	0	0.00	3.50	0
CO20664	CO20665	6.34	5 3-	4ACSR	1003	974	922	172	32	1	1	0.00	3.50	0
CO20663	CO20664	6.38	4 3-	4ACSR	997	967	914	171	2	0	0	0.00	3.50	0
CO20499	CO20663	6.43	2 1-	4ACSR	0	0	903	171	1	0	0	0.00	3.50	0
CO20498	CO20663	6.43	0 1-	4ACSR	0	0	902	171	0	0	0	0.00	3.50	0
CO20662	CO20663	6.42	2 3-	4ACSR	990	959	905	171	1	0	0	0.00	3.50	0
CO20819+	CO20456	5.99	22 1-	397ACSR	0	0	1252	329	157	10	2	0.00	2.67	0
OC623+	CO20819	5.99	22 1-	10 N FUSE	0	0	1252	329	157	10	109	0.00	2.67	0
CO20820+	OC623	6.01	22 1-	397ACSR	0	0	1249	329	157	10	2	0.00	2.67	0
CO20675+	CO20820	6.08	11 1-	397ACSR	0	0	1242	328	74	5	1	0.00	2.68	0
CO20752+	CO20675	6.10	9 1-	397ACSR	0	0	1239	328	60	4	1	0.00	2.68	0
CO20753+	CO20752	6.17	8 1-	397ACSR	0	0	1232	328	54	3	1	0.00	2.68	0
CO20674+	CO20753	6.21	8 1-	397ACSR	0	0	1228	328	54	3	1	0.00	2.68	0
CO20673+	CO20674	6.27	4 1-	397ACSR	0	0	1222	328	23	1	0	0.00	2.68	0
CO20672+	CO20673	6.29	4 1-	397ACSR	0	0	1219	328	23	1	0	0.00	2.68	0
CO20671+	CO20672	6.43	1 1-	397ACSR	0	0	1205	327	6	0	0	0.00	2.68	0
CO20506+	CO20675	6.14	2 1-	397ACSR	0	0	1235	328	14	0	0	0.00	2.68	0
CO20750+	CO20820	6.05	11 1-	397ACSR	0	0	1245	329	83	5	1	0.00	2.68	0
CO20751+	CO20750	6.07	7 1-	397ACSR	0	0	1243	329	67	4	1	0.00	2.68	0
CO20677+	CO20751	6.10	1 1-	397ACSR	0	0	1240	328	10	0	0	0.00	2.68	0
CO20676+	CO20677	6.14	1 1-	397ACSR	0	0	1235	328	10	0	0	0.00	2.68	0
CO20682+	CO20751	6.14	6 1-	397ACSR	0	0	1235	328	57	3	1	0.00	2.68	0
CO20681+	CO20682	6.16	5 1-	397ACSR	0	0	1233	328	47	3	1	0.00	2.68	0
CO20680+	CO20681	6.19	3 1-	397ACSR	0	0	1229	328	35	2	0	0.00	2.68	0
CO20679+	CO20680	6.25	2 1-	397ACSR	0	0	1223	328	30	2	0	0.00	2.68	0
CO20678+	CO20679	6.32	1 1-	397ACSR	0	0	1216	327	10	0	0	0.00	2.68	0
CO20505+	CO20601	5.97	7 3-	397ACSR	1484	1396	1254	329	34	0	0	0.00	2.66	0
CO20748+	CO30553	5.92	16 1-	4ACSR	0	0	1256	329	27	1	1	0.00	2.65	0
CO20749+	CO20748	5.98	16 1-	4ACSR	0	0	1244	327	27	1	1	0.00	2.65	0
CO1499826588+	CO20749	6.02	1 1-	4ACSR	0	0	1235	327	3	0	0	0.00	2.65	0
CO20483+	CO20749	6.00	0 1-	4ACSR	0	0	1239	327	0	0	0	0.00	2.65	0
CO20648+	CO20749	6.02	4 1-	4ACSR	0	0	1236	327	8	0	0	0.00	2.65	0
CO20647+	CO20648	6.05	4 1-	4ACSR	0	0	1230	326	8	0	0	0.00	2.65	0
CO20481+	CO20569	5.59	2 1-	4ACSR	0	0	1292	329	8	0	0	0.00	2.51	0
CO20514+	CO20567	5.52	1 1-	397ACSR	0	0	1308	331	15	1	0	0.00	2.47	0
CO20731+	CO20564	4.86	6 1-	397ACSR	0	0	1394	334	15	1	0	0.00	2.23	0
CO20732+	CO20731	4.91	3 1-	397ACSR	0	0	1388	333	6	0	0	0.00	2.23	0
CO30581+	CO20732	4.96	1 1-	397ACSR	0	0	1381	333	3	0	0	0.00	2.23	0
CO20691+	CO20564	4.92	6 1-	4ACSR	0	0	1378	332	19	1	1	0.00	2.23	0
CO20690+	CO20691	4.95	5 1-	4ACSR	0	0	1371	332	14	1	1	0.00	2.23	0
CO20689+	CO20690	5.01	3 1-	4ACSR	0	0	1355	330	12	0	1	0.00	2.23	0
CO20813+	CO20440	4.62	12 1-	397ACSR	0	0	1430	335	54	3	1	0.00	2.13	0
OC624+	CO20813	4.62	12 1-	10 N FUSE	0	0	1430	335	54	3	38	0.00	2.13	0
CO20814+	OC624	4.67	12 1-	397ACSR	0	0	1422	334	54	3	1	0.00	2.13	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20112+	CO20814	4.69	12 1-	397ACSR	0	0	1420	334	54	3	1	0.00	2.13	0
CO20224+	CO20112	4.77	2 1-	397ACSR	0	0	1407	334	3	0	0	0.00	2.13	0
CO20174+	CO20112	4.74	10 1-	397ACSR	0	0	1411	334	51	3	1	0.00	2.13	0
CO20176+	CO20174	4.80	9 1-	397ACSR	0	0	1403	334	50	3	1	0.00	2.13	0
CO20175+	CO20176	4.84	8 1-	397ACSR	0	0	1398	334	40	2	0	0.00	2.13	0
CO20211+	CO20175	4.91	5 1-	397ACSR	0	0	1388	333	19	1	0	0.00	2.13	0
CO20215+	CO20211	4.98	3 1-	397ACSR	0	0	1379	333	10	0	0	0.00	2.13	0
CO20212+	CO20215	5.04	3 1-	397ACSR	0	0	1371	333	10	0	0	0.00	2.13	0
CO20214+	CO20212	5.08	2 1-	397ACSR	0	0	1366	333	10	0	0	0.00	2.13	0
CO20213+	CO20214	5.16	1 1-	397ACSR	0	0	1355	332	6	0	0	0.00	2.13	0
CO20210+	CO20175	4.88	2 1-	397ACSR	0	0	1392	334	15	1	0	0.00	2.13	0
CO20209+	CO20210	4.92	1 1-	397ACSR	0	0	1386	333	6	0	0	0.00	2.13	0
CO20606+	CO20440	4.69	8 1-	4ACSR	0	0	1411	333	46	3	2	0.01	2.14	0
CO20605+	CO20606	4.78	8 1-	4ACSR	0	0	1386	331	46	3	2	0.01	2.14	0
CO20604+	CO20605	4.83	7 1-	4ACSR	0	0	1373	330	38	2	2	0.00	2.14	0
CO20517+	CO20604	4.87	2 1-	4ACSR	0	0	1362	329	7	0	0	0.00	2.14	0
CO20462+	CO20604	4.85	5 1-	4ACSR	0	0	1367	330	31	2	2	0.00	2.15	0
CO20519+	CO20462	4.87	5 1-	4ACSR	0	0	1363	329	31	2	2	0.00	2.15	0
CO20634+	CO20519	4.97	5 1-	4ACSR	0	0	1336	327	31	2	2	0.00	2.15	0
CO20725+	CO20634	5.04	4 1-	4ACSR	0	0	1319	326	23	1	1	0.00	2.15	0
CO20726+	CO20725	5.12	2 1-	4ACSR	0	0	1300	324	6	0	0	0.00	2.15	0
CO20518+	CO20462	4.88	0 1-	4ACSR	0	0	1359	329	0	0	0	0.00	2.15	0
CO20478+	CO20518	4.93	0 1-	4ACSR	0	0	1348	328	0	0	0	0.00	2.15	0
CO20531+	CO20558	4.03	24 1-	4ACSR	0	0	1515	336	99	6	5	0.01	1.87	0
CO20530+	CO20531	4.08	22 1-	4ACSR	0	0	1500	335	95	6	5	0.01	1.87	0
CO20642+	CO20530	4.30	3 1-	4ACSR	0	0	1437	331	22	1	1	0.01	1.88	0
CO20641+	CO20642	4.37	1 1-	4ACSR	0	0	1417	329	22	1	1	0.00	1.88	0
CO20640+	CO20641	4.41	1 1-	4ACSR	0	0	1403	328	22	1	1	0.00	1.89	0
CO20433+	CO20530	4.21	19 1-	4ACSR	0	0	1463	333	73	5	4	0.01	1.89	0
CO20719+	CO20433	4.41	18 1-	4ACSR	0	0	1406	328	73	5	4	0.02	1.91	2
CO20720+	CO20719	4.44	15 1-	4ACSR	0	0	1395	328	61	4	3	0.00	1.91	0
CO20718+	CO20720	4.54	12 1-	4ACSR	0	0	1368	326	54	3	3	0.01	1.92	0
CO20475+	CO20718	4.58	1 1-	4ACSR	0	0	1357	325	10	0	1	0.00	1.92	0
CO20721+	CO20718	4.63	11 1-	4ACSR	0	0	1344	324	43	3	2	0.01	1.93	0
CO20722+	CO20721	4.80	10 1-	4ACSR	0	0	1300	321	32	2	2	0.01	1.94	0
CO20538+	CO20722	4.86	8 1-	4ACSR	0	0	1283	319	29	2	1	0.00	1.94	0
CO20527+	CO20538	4.91	0 1-	4ACSR	0	0	1271	318	0	0	0	0.00	1.94	0
CO20537+	CO20538	4.98	7 1-	4ACSR	0	0	1253	317	29	1	1	0.01	1.94	0
CO20536+	CO20537	5.05	5 1-	4ACSR	0	0	1236	316	18	1	1	0.00	1.95	0
CO20526+	CO20536	5.12	1 1-	2ACSR	0	0	1223	315	3	0	0	0.00	1.95	0
CO20535+	CO20536	5.20	4 1-	4ACSR	0	0	1201	313	15	1	1	0.00	1.95	0
CO20705+	CO20535	5.30	4 1-	4ACSR	0	0	1179	311	15	1	1	0.00	1.95	0
CO20706+	CO20705	5.40	4 1-	4ACSR	0	0	1156	309	15	1	1	0.00	1.95	0
CO20707+	CO20706	5.67	3 1-	4ACSR	0	0	1099	304	6	0	0	0.00	1.96	0
CO20534+	CO20707	5.76	2 1-	4ACSR	0	0	1081	303	4	0	0	0.00	1.96	0
CO20533+	CO20534	5.85	1 1-	4ACSR	0	0	1063	301	3	0	0	0.00	1.96	0
CO20532+	CO20533	5.92	1 1-	4ACSR	0	0	1051	300	3	0	0	0.00	1.96	0
CO20524+	CO20537	5.04	2 1-	2ACSR	0	0	1242	316	10	0	0	0.00	1.94	0
CO1270423918+	CO20524	5.09	1 1-	2ACSR	0	0	1232	316	0	0	0	0.00	1.94	0
CO20624+	CO20722	4.85	2 1-	2ACSR	0	0	1289	320	3	0	0	0.00	1.94	0
CO20623+	CO20624	4.90	2 1-	2ACSR	0	0	1277	319	3	0	0	0.00	1.94	0
CO20622+	CO20623	5.02	1 1-	2ACSR	0	0	1254	318	0	0	0	0.00	1.94	0

Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20621+	CO20622	5.08	1 1-	2ACSR	0	0	1241	317	0	0	0	0.00	1.94	0
CO20620+	CO20621	5.21	1 1-	2ACSR	0	0	1216	315	0	0	0	0.00	1.94	0
CO20619+	CO20620	5.35	1 1-	2ACSR	0	0	1188	313	0	0	0	0.00	1.94	0
CO20618+	CO20619	5.41	1 1-	2ACSR	0	0	1178	312	0	0	0	0.00	1.94	0
CO20617+	CO20618	5.55	1 1-	2ACSR	0	0	1153	311	0	0	0	0.00	1.94	0
CO20616+	CO20617	5.62	1 1-	2ACSR	0	0	1140	310	0	0	0	0.00	1.94	0
CO20615+	CO20616	5.75	1 1-	2ACSR	0	0	1119	308	0	0	0	0.00	1.94	0
CO-381791469+	CO20615	5.90	1 1-	2ACSR	0	0	1094	306	0	0	0	0.00	1.94	0
CO-1004304766+	CO-381791469	5.95	0 1-	2ACSR	0	0	1085	305	0	0	0	0.00	1.94	0
CO-584902616+	CO-381791469	5.99	1 1-	2ACSR	0	0	1079	305	0	0	0	0.00	1.94	0
CO20474+	CO20433	4.34	1 1-	4ACSR	0	0	1425	330	0	0	0	0.00	1.89	0
CO20644+	CO20709	3.80	3 1-	4ACSR	0	0	1556	338	18	1	1	0.00	1.77	0
CO20643+	CO20644	3.84	2 1-	4ACSR	0	0	1544	337	12	0	1	0.00	1.77	0
CO20470+	CO20554	3.13	2 1-	4ACSR	0	0	1675	339	5	0	0	0.00	1.43	0
CO20469+	CO20436	2.85	1 1-	4ACSR	0	0	1744	342	1	0	0	0.00	1.34	0
CO20468+	CO20711	2.68	1 1-	4ACSR	0	0	1785	342	3	0	0	0.00	1.26	0
CO20467+	CO20711	2.69	1 1-	4ACSR	0	0	1780	342	1	0	0	0.00	1.26	0
CO20546+	CO23713	2.30	11 1-	4ACSR	0	0	1870	343	21	1	1	0.00	1.07	0
CO23714+	CO20546	2.39	10 1-	4ACSR	0	0	1828	341	21	1	1	0.00	1.08	0
CO20878+	CO23714	2.65	9 1-	4ACSR	0	0	1718	336	21	1	1	0.01	1.08	0
CO20857+	CO20878	3.13	9 1-	4ACSR	0	0	1530	326	21	1	1	0.02	1.10	0
CO20836+	CO20857	3.15	1 1-	4ACSR	0	0	1524	325	6	0	0	0.00	1.10	0
CO20869+	CO20857	3.18	2 1-	4ACSR	0	0	1513	325	9	0	0	0.00	1.10	0
CO20868+	CO20869	3.20	2 1-	4ACSR	0	0	1506	325	9	0	0	0.00	1.10	0
CO20867+	CO20868	3.27	2 1-	4ACSR	0	0	1482	323	9	0	0	0.00	1.10	0
CO20863+	CO20857	3.16	6 1-	4ACSR	0	0	1522	325	7	0	0	0.00	1.10	0
CO20879+	CO20863	3.30	6 1-	4ACSR	0	0	1471	323	7	0	0	0.00	1.10	0
CO20880+	CO20879	3.53	5 1-	4ACSR	0	0	1395	318	7	0	0	0.00	1.10	0
CO20881+	CO20880	3.82	4 1-	4ACSR	0	0	1309	313	7	0	0	0.00	1.11	0
CO20862+	CO20881	4.38	4 1-	4ACSR	0	0	1161	303	7	0	0	0.00	1.11	0
CO20861+	CO20862	4.52	2 1-	4ACSR	0	0	1129	300	0	0	0	0.00	1.11	0
CO20860+	CO20861	4.72	2 1-	4ACSR	0	0	1086	297	0	0	0	0.00	1.11	0
CO20859+	CO20860	4.81	2 1-	4ACSR	0	0	1066	295	0	0	0	0.00	1.11	0
CO20858+	CO20859	5.00	2 1-	4ACSR	0	0	1029	292	0	0	0	0.00	1.11	0
CO1683157458+	CO741679137	2.00	0 1-	2ACSR	0	0	1921	343	0	0	0	0.00	0.84	0
CO20414+	CO20413	0.01	93 3-	750 MCM - 42 Wi	2530	2711	2720	354	578	12	1	0.00	0.00	0
Salt Lick+	CO20414	0.01	93 3-	560 200WVE	2530	2711	2720	354	578	12	2	0.00	0.00	0
CO20366+	Salt Lick	0.02	93 3-	4/0ACSR	2528	2708	2717	354	578	12	4	0.00	0.00	0
CO20367+	CO20366	0.03	93 3-	4/0ACSR	2523	2700	2709	353	578	12	4	0.00	0.01	0
CO20357+	CO20367	0.05	93 3-	4/0ACSR	2518	2690	2699	353	578	12	4	0.00	0.01	0
CO20335+	CO20357	0.36	92 3-	4/0ACSR	2408	2512	2516	351	576	12	4	0.02	0.03	15
CO20334+	CO20335	0.54	92 3-	4/0ACSR	2353	2428	2427	350	576	12	4	0.01	0.04	8
CO20333+	CO20334	0.78	92 3-	4/0ACSR	2277	2318	2308	349	576	12	4	0.02	0.05	12
CO20268+	CO20333	0.88	1 1-	2ACSR	0	0	2253	347	9	0	0	0.00	0.05	0
CO20336+	CO20333	0.95	87 3-	1/0ACSR	2218	2236	2219	347	537	12	5	0.02	0.07	14
CO20337+	CO20336	1.05	86 3-	1/0ACSR	2187	2193	2172	346	534	12	5	0.01	0.08	8
CO20242+	CO20337	1.11	82 3-	1/0ACSR	2166	2165	2142	345	509	11	5	0.01	0.09	5
CO20260+	CO20242	1.21	0 1-	4ACSR	0	0	2086	343	0	0	0	0.00	0.09	0
CO20340+	CO20242	1.15	82 3-	1/0ACSR	2154	2151	2125	345	509	11	5	0.00	0.09	3
CO20341+	CO20340	1.17	82 3-	1/0ACSR	2147	2141	2115	345	509	11	5	0.00	0.09	0
CO20342+	CO20341	1.33	81 3-	1/0ACSR	2095	2075	2041	343	507	11	5	0.02	0.11	12

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20418+	CO20342	1.34	2 1-	4ACSR	0	0	2037	343	1	0	0	0.00	0.11	0
OC612+	CO20418	1.34	2 1-	10 N FUSE	0	0	2037	343	1	0	0	0.00	0.11	0
CO20419+	OC612	1.70	2 1-	4ACSR	0	0	1849	335	1	0	0	0.00	0.11	0
CO20237+	CO20419	1.78	2 1-	4ACSR	0	0	1809	333	1	0	0	0.00	0.11	0
CO20351+	CO20237	1.88	0 1-	4ACSR	0	0	1758	331	0	0	0	0.00	0.11	0
CO20352+	CO20351	2.19	0 1-	4ACSR	0	0	1620	325	0	0	0	0.00	0.11	0
CO20353+	CO20352	2.38	0 1-	4ACSR	0	0	1543	321	0	0	0	0.00	0.11	0
CO20354+	CO20353	2.62	0 1-	4ACSR	0	0	1452	317	0	0	0	0.00	0.11	0
CO20355+	CO20354	2.74	0 1-	4ACSR	0	0	1412	315	0	0	0	0.00	0.11	0
CO20356+	CO20355	3.06	0 1-	4ACSR	0	0	1307	309	0	0	0	0.00	0.11	0
CO20349+	CO20237	1.85	2 1-	4ACSR	0	0	1772	332	1	0	0	0.00	0.11	0
CO20256+	CO20349	1.91	1 1-	4ACSR	0	0	1746	331	0	0	0	0.00	0.11	0
CO20350+	CO20349	1.93	1 1-	4ACSR	0	0	1736	330	1	0	0	0.00	0.11	0
CO20343+	CO20342	1.43	78 3-	1/0ACSR	2065	2038	1999	342	503	11	5	0.01	0.12	7
CO20344+	CO20343	1.48	77 3-	1/0ACSR	2050	2019	1977	341	503	11	5	0.00	0.12	4
CO20345+	CO20344	1.63	76 3-	1/0ACSR	2007	1968	1919	340	493	11	5	0.01	0.14	10
CO23749+	CO20345	1.72	71 3-	1/0ACSR	1980	1935	1883	339	459	10	4	0.01	0.15	6
CO30539+	CO23749	1.75	67 3-	1/0ACSR	1973	1926	1873	339	426	9	4	0.00	0.15	0
CO20005+	CO30539	1.78	59 3-	1/0ACSR	1964	1917	1862	338	357	8	3	0.00	0.15	0
CO20070+	CO20005	1.79	59 3-	1/0ACSR	1961	1914	1857	338	357	8	3	0.00	0.15	0
CO20093+	CO20070	1.87	55 3-	1/0ACSR	1939	1889	1828	337	330	7	3	0.01	0.16	2
CO20053+	CO20093	1.89	54 3-	1/0ACSR	1933	1883	1821	337	321	7	3	0.00	0.16	0
CO20051+	CO20053	1.91	45 3-	1/0ACSR	1928	1877	1814	337	273	6	3	0.00	0.16	0
CO20052+	CO20051	1.94	44 3-	1/0ACSR	1920	1868	1804	337	260	5	3	0.00	0.16	0
CO19954+	CO20052	2.01	40 3-	1/0ACSR	1901	1847	1779	336	236	5	2	0.00	0.16	0
CO20028+	CO19954	2.11	1 1-	4ACSR	0	0	1734	334	1	0	0	0.00	0.16	0
CO20029+	CO20028	2.21	0 1-	4ACSR	0	0	1690	332	0	0	0	0.00	0.16	0
CO19986+	CO19954	2.20	39 3-	1/0ACSR	1854	1795	1718	334	234	5	2	0.01	0.17	3
CO19987+	CO19986	2.26	39 3-	1/0ACSR	1838	1777	1698	333	234	5	2	0.00	0.17	0
CO20049+	CO19987	2.28	39 3-	1/0ACSR	1832	1771	1691	333	234	5	2	0.00	0.18	0
CO20050+	CO20049	2.46	38 3-	1/0ACSR	1788	1723	1636	331	224	5	2	0.01	0.18	2
CO19963+	CO20050	2.56	1 1-	4ACSR	0	0	1599	329	14	0	1	0.00	0.18	0
CO19989+	CO20050	2.62	35 3-	1/0ACSR	1752	1684	1593	330	187	4	2	0.01	0.19	0
CO20045+	CO19989	2.73	33 3-	1/0ACSR	1727	1657	1562	329	178	4	2	0.00	0.19	0
CO20046+	CO20045	2.77	32 3-	1/0ACSR	1718	1647	1551	328	165	3	2	0.00	0.19	0
CO20047+	CO20046	2.82	32 3-	1/0ACSR	1705	1633	1536	328	165	3	2	0.00	0.19	0
CO20048+	CO20047	2.97	31 3-	1/0ACSR	1673	1601	1499	326	156	3	2	0.00	0.20	0
CO20044+	CO20048	2.99	30 3-	1/0ACSR	1668	1596	1493	326	156	3	2	0.00	0.20	0
CO19990+	CO20044	3.07	30 3-	1/0ACSR	1652	1580	1474	325	156	3	2	0.00	0.20	0
CO20098+	CO19990	3.08	4 1-	4ACSR	0	0	1472	325	22	1	1	0.00	0.20	0
OC605+	CO20098	3.08	4 1-	10 N FUSE	0	0	1472	325	22	1	15	0.00	0.20	0
CO20099+	OC605	3.14	4 1-	4ACSR	0	0	1450	324	22	1	1	0.00	0.20	0
CO-602532890+	CO20099	3.21	1 1-	2ACSR	0	0	1432	323	9	0	0	0.00	0.21	0
CO19985+	CO20099	3.18	1 1-	2ACSR	0	0	1440	323	9	0	0	0.00	0.21	0
CO20088+	CO20099	3.24	2 1-	4ACSR	0	0	1419	322	4	0	0	0.00	0.21	0
CO20030+	CO20088	3.47	0 1-	4ACSR	0	0	1350	318	0	0	0	0.00	0.21	0
CO20031+	CO20030	3.54	0 1-	4ACSR	0	0	1328	316	0	0	0	0.00	0.21	0
CO19991+	CO20088	3.53	1 1-	4ACSR	0	0	1333	317	4	0	0	0.00	0.21	0
CO19992+	CO19991	3.60	1 1-	4ACSR	0	0	1312	315	4	0	0	0.00	0.21	0
CO19993+	CO19992	3.75	1 1-	4ACSR	0	0	1270	312	4	0	0	0.00	0.21	0
CO19994+	CO19993	3.79	1 1-	4ACSR	0	0	1259	311	4	0	0	0.00	0.21	0
CO19984+	CO20088	3.35	1 1-	2ACSR	0	0	1390	320	0	0	0	0.00	0.21	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19990	CO19990	3.18	24 3-	1/0ACSR	1630	1557	1449	324	112	2	1	0.00	0.20	0
CO20042+	CO20042	3.22	23 3-	1/0ACSR	1622	1549	1439	324	98	2	1	0.00	0.21	0
CO20041+	CO20043	3.32	21 3-	1/0ACSR	1602	1528	1416	323	89	2	1	0.00	0.21	0
CO19983+	CO20041	3.36	3 1-	2ACSR	0	0	1407	322	11	0	0	0.00	0.21	0
CO1726625455+	CO19983	3.38	1 1-	2ACSR	0	0	1400	322	0	0	0	0.00	0.21	0
CO19964+	CO20041	3.45	2 1-	4ACSR	0	0	1376	320	6	0	0	0.00	0.21	0
CO20003+	CO20041	3.45	15 3-	1/0ACSR	1577	1503	1388	322	69	1	1	0.00	0.21	0
CO20004+	CO20003	3.54	14 3-	1/0ACSR	1560	1486	1370	321	62	1	1	0.00	0.21	0
CO20096+	CO20004	3.54	8 1-	4ACSR	0	0	1368	321	22	1	1	0.00	0.21	0
OC604+	CO20096	3.54	8 1-	10 N FUSE	0	0	1368	321	22	1	15	0.00	0.21	0
CO20097+	OC604	3.74	8 1-	4ACSR	0	0	1310	317	22	1	1	0.01	0.22	0
CO19995+	CO20097	3.97	6 1-	4ACSR	0	0	1250	313	17	1	1	0.01	0.22	0
CO20065+	CO19995	4.00	6 1-	4ACSR	0	0	1242	312	17	1	1	0.00	0.22	0
CO20066+	CO20065	4.08	5 1-	4ACSR	0	0	1221	310	17	1	1	0.00	0.23	0
CO19996+	CO20066	4.16	4 1-	4ACSR	0	0	1203	309	15	1	1	0.00	0.23	0
CO20063+	CO19996	4.19	3 1-	4ACSR	0	0	1195	308	12	0	1	0.00	0.23	0
CO20064+	CO20063	4.46	2 1-	4ACSR	0	0	1133	304	5	0	0	0.00	0.23	0
CO19997+	CO20064	4.51	1 1-	4ACSR	0	0	1123	303	1	0	0	0.00	0.23	0
CO19998+	CO19997	4.56	1 1-	4ACSR	0	0	1112	302	1	0	0	0.00	0.23	0
CO19967+	CO20066	4.17	1 1-	4ACSR	0	0	1201	309	1	0	0	0.00	0.23	0
CO19966+	CO20097	3.83	2 1-	4ACSR	0	0	1287	315	5	0	0	0.00	0.22	0
CO20068+	CO20004	3.65	2 3-	1/0ACSR	1540	1466	1347	320	2	0	0	0.00	0.21	0
CO20069+	CO20068	3.75	1 3-	1/0ACSR	1522	1448	1327	319	1	0	0	0.00	0.21	0
OC1244288645+	CO20069	3.75	0 3-	15 N FUSE	1522	1448	1327	319	0	0	0	0.00	0.21	0
CO19965+	CO20004	3.57	1 1-	4ACSR	0	0	1359	320	12	0	1	0.00	0.21	0
CO20032+	CO20004	3.65	3 1-	4ACSR	0	0	1337	319	27	1	1	0.00	0.21	0
CO855587938+	CO20032	3.67	1 1-	2ACSR	0	0	1332	318	18	1	1	0.00	0.21	0
CO-1992946025+	CO855587938	3.70	0 1-	2ACSR	0	0	1325	318	0	0	0	0.00	0.21	0
CO191351523+	CO855587938	3.76	1 1-	2ACSR	0	0	1312	317	18	1	1	0.00	0.21	0
CO20100+	CO20050	2.47	0 1-	4ACSR	0	0	1633	331	0	0	0	0.00	0.18	0
OC606+	CO20100	2.47	0 1-	10 N FUSE	0	0	1633	331	0	0	0	0.00	0.18	0
CO20101+	OC606	2.71	0 1-	4ACSR	0	0	1544	326	0	0	0	0.00	0.18	0
CO19988+	CO20101	2.93	0 1-	4ACSR	0	0	1463	322	0	0	0	0.00	0.18	0
CO19962+	CO19987	2.35	0 1-	4ACSR	0	0	1659	331	0	0	0	0.00	0.17	0
CO20082+	CO20052	2.04	1 1-	4ACSR	0	0	1760	335	1	0	0	0.00	0.16	0
CO20081+	CO20052	2.00	1 1-	4ACSR	0	0	1775	335	16	1	1	0.00	0.16	0
CO20054+	CO20053	1.96	3 1-	4ACSR	0	0	1788	336	32	2	2	0.00	0.16	0
CO20055+	CO20054	1.98	2 1-	4ACSR	0	0	1781	335	24	1	1	0.00	0.16	0
CO1658857665+	CO20055	1.99	1 1-	4ACSR	0	0	1775	335	8	0	0	0.00	0.16	0
CO19955+	CO20053	1.95	6 1-	4ACSR	0	0	1794	336	15	1	1	0.00	0.16	0
CO20092+	CO19955	2.07	1 1-	4ACSR	0	0	1740	333	5	0	0	0.00	0.16	0
CO20086+	CO20092	2.13	0 1-	4ACSR	0	0	1713	332	0	0	0	0.00	0.16	0
CO20087+	CO20086	2.22	0 1-	4ACSR	0	0	1672	330	0	0	0	0.00	0.16	0
CO19974+	CO20086	2.22	0 1-	4ACSR	0	0	1672	330	0	0	0	0.00	0.16	0
CO20091+	CO19955	2.07	4 1-	4ACSR	0	0	1740	333	7	0	0	0.00	0.16	0
CO19973+	CO20091	2.12	1 1-	4ACSR	0	0	1718	332	0	0	0	0.00	0.16	0
CO19982+	CO20091	2.10	2 1-	4ACSR	0	0	1724	333	7	0	0	0.00	0.16	0
CO19981+	CO20091	2.12	1 1-	4ACSR	0	0	1719	332	0	0	0	0.00	0.16	0
CO20040+	CO30539	1.82	6 1-	4ACSR	0	0	1840	337	64	4	3	0.01	0.15	0
CO20085+	CO20040	1.85	6 1-	4ACSR	0	0	1825	337	64	4	3	0.00	0.16	0
CO20027+	CO20085	1.87	4 1-	4ACSR	0	0	1816	336	38	2	2	0.00	0.16	0
CO23747+	CO20027	1.94	2 1-	4ACSR	0	0	1780	335	27	1	1	0.00	0.16	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO20347+	CO23747	2.00	2 1-	4ACSR	0	0	1754	333	27	1	1	0.00	0.16	0
CO20348+	CO20347	2.03	1 1-	4ACSR	0	0	1741	333	15	1	1	0.00	0.16	0
CO20346+	CO20348	2.05	1 1-	4ACSR	0	0	1733	332	15	1	1	0.00	0.16	0
CO23746+	CO20085	1.96	1 1-	4ACSR	0	0	1772	334	15	0	1	0.00	0.16	0
CO23748+	CO23749	1.80	2 1-	750 MCM - 42 Wi	0	0	1866	339	21	1	0	0.00	0.15	0
CO20261+	CO20345	1.71	2 1-	4ACSR	0	0	1881	338	15	1	1	0.00	0.14	0
CO20266+	CO20337	1.08	1 1-	2ACSR	0	0	2154	345	11	0	0	0.00	0.08	0
CO20338+	CO20337	1.12	3 1-	4ACSR	0	0	2127	344	14	0	1	0.00	0.08	0
CO20339+	CO20338	1.22	1 1-	4ACSR	0	0	2071	342	10	0	0	0.00	0.08	0
CO20331+	CO20333	0.91	4 3-	4/0ACSR	2238	2264	2248	348	30	0	0	0.00	0.05	0
CO20332+	CO20331	1.07	2 3-	4/0ACSR	2194	2205	2182	347	16	0	0	0.00	0.05	0
CO20330+	CO20332	1.18	0 3-	4/0ACSR	2163	2165	2138	346	0	0	0	0.00	0.05	0
SW620-B+	CO20330	1.18	0 1-	Open	0	0	2138	346	0	0	0	0.00	0.05	0
SUB	0 total losses:	\$98,703												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
SUB	0 HILDA 1		2082		6836	7275	7401	180	21838						
	CO448	HILDA 1	0.00	2082 3-	750 MCM - 42 Wi	6822	7251	7374	180	21838	979	84	0.01	0.01	186
	CO449	CO448	0.01	2082 3-	750 MCM - 42 Wi	6808	7227	7348	180	21837	979	84	0.01	0.02	186
	CO455	CO449	0.02	680 3-	750 MCM - 42 Wi	6769	7164	7278	180	5217	231	20	0.01	0.03	28
	Cranston	CO455	0.02	680 3-	560 200WVE	6769	7164	7278	180	5217	231	41	0.00	0.03	0
	CO490	Cranston	0.05	680 3-	4/0ACSR	6625	6926	7031	180	5217	231	68	0.06	0.09	437
	CO724	CO490	0.06	680 3-	4/0ACSR	6578	6850	6951	180	5215	231	68	0.02	0.10	147
	CO725	CO724	0.10	680 3-	4/0ACSR	6353	6506	6582	179	5214	231	68	0.09	0.20	722
	CO593	CO725	0.16	1 1-	4ACSR	0	0	5975	179	8	1	1	0.00	0.20	0
OC-1156178288	CO593		0.16	1 1-	20 N FUSE	0	0	5975	179	8	1	6	0.00	0.20	0
	CO594	OC-1156178288	0.17	1 1-	4ACSR	0	0	5883	179	8	1	1	0.00	0.20	0
	CO348	CO725	0.12	676 3-	4/0ACSR	6288	6412	6478	179	5161	229	67	0.03	0.23	214
	CO347	CO348	0.17	675 3-	4/0ACSR	6052	6081	6108	179	5160	229	67	0.11	0.34	818
	CO793	CO347	0.23	672 3-	4/0ACSR	5803	5787	5736	179	5148	228	67	0.12	0.46	916
	CO794	CO793	0.25	668 3-	4/0ACSR	5747	5721	5654	179	5115	227	67	0.03	0.49	217
	CO395	CO794	0.29	2 1-	4ACSR	0	0	5278	178	3	0	0	0.00	0.49	0
OC-724481726	CO395	CO395	0.29	0 1-	20 N FUSE	0	0	5278	178	0	0	0	0.00	0.49	0
	CO489	CO794	0.30	666 3-	4/0ACSR	5563	5507	5390	179	5111	227	67	0.10	0.58	735
	CO427	CO489	0.36	1 3-	2ACSR	5268	5170	4981	178	52	2	1	0.00	0.58	0
OC141152002	CO427		0.36	0 3-	20 N FUSE	5268	5170	4981	178	0	0	0	0.00	0.58	0
	CO488	CO489	0.39	665 3-	4/0ACSR	5247	5146	4956	179	5055	224	66	0.18	0.76	1341
	CO394	CO488	0.46	2 1-	4ACSR	0	0	4540	178	19	2	2	0.01	0.77	0
OC-1814345038	CO394		0.46	1 1-	20 N FUSE	0	0	4540	178	11	1	7	0.00	0.77	0
	CO393	OC-1814345038	0.52	1 1-	1/0PRIURD	0	0	4324	461	11	1	1	0.00	0.77	0
	CO392	CO488	0.43	1 1-	4ACSR	0	0	4710	178	18	2	2	0.00	0.76	0
OC-394236096	CO392		0.43	0 1-	20 N FUSE	0	0	4710	178	0	0	0	0.00	0.76	0
	CO346	CO488	0.44	659 3-	4/0ACSR	5077	4955	4732	178	4985	222	65	0.10	0.86	767
	CO722	CO346	0.56	648 3-	4/0ACSR	4750	4594	4317	178	4908	218	64	0.21	1.08	1573
	CO723	CO722	0.61	647 3-	4/0ACSR	4619	4451	4156	178	4892	218	64	0.09	1.17	690
	CO721	CO723	0.65	646 3-	4/0ACSR	4511	4335	4027	178	4876	217	64	0.08	1.25	590
	CO391	CO721	0.73	1 1-	4ACSR	0	0	3699	177	6	0	1	0.00	1.25	0
OC799341024	CO391		0.73	0 1-	20 N FUSE	0	0	3699	177	0	0	0	0.00	1.25	0
	CO345	CO721	0.77	644 3-	4/0ACSR	4230	4036	3699	178	4857	217	64	0.23	1.48	1668
	CO363	CO345	0.85	1 3-	2ACSR	4013	3802	3458	177	38	1	1	0.00	1.48	0
	CO344	CO345	0.86	643 3-	4/0ACSR	4054	3851	3502	177	4811	215	63	0.15	1.63	1136
	CO364	CO344	0.97	2 3-	2ACSR	3757	3534	3183	176	7	0	0	0.00	1.63	0
OC-600826234	CO364		0.97	0 3-	20 N FUSE	3757	3534	3183	176	0	0	0	0.00	1.63	0
	CO338	CO344	0.97	641 3-	4/0ACSR	3850	3638	3277	177	4799	215	63	0.20	1.83	1448
FD-478552422	CO338		0.97	604 3-	_DefaultBayEqui	3850	3638	3277	177	4380	196	0	0.00	1.83	0
	CO357	FD-478552422	1.23	604 3-	4/0ACSR	3426	3206	2834	176	4380	196	58	0.42	2.25	2938
OC-478552422	CO357		1.23	602 3-	20 N FUSE	3426	3206	2834	176	4344	195	977	0.00	2.25	0
	CO356	OC-478552422	1.26	602 3-	4/0ACSR	3386	3166	2794	176	4344	195	57	0.04	2.30	311
	CO409	CO356	1.31	1 1-	4ACSR	0	0	2686	176	16	2	2	0.00	2.30	0
OC314634701	CO409		1.31	0 1-	20 N FUSE	0	0	2686	176	0	0	0	0.00	2.30	0
	CO355	CO356	1.32	600 3-	4/0ACSR	3309	3088	2716	176	4319	194	57	0.09	2.39	615
	CO600	CO355	1.40	2 1-	4ACSR	0	0	2536	175	22	3	2	0.01	2.39	0
OC209733602	CO600		1.40	1 1-	20 N FUSE	0	0	2536	175	6	0	4	0.00	2.39	0
	CO598	OC209733602	1.44	1 1-	4ACSR	0	0	2462	175	6	0	1	0.00	2.39	0
	CO599	CO598	1.49	1 1-	4ACSR	0	0	2373	174	6	0	1	0.00	2.40	0
	CO354	CO355	1.40	597 3-	4/0ACSR	3199	2984	2607	176	4280	192	57	0.13	2.52	909
	CO719	CO354	1.43	43 1-	6ACWC	0	0	2563	176	304	41	30	0.04	2.56	20

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-636326968	CO719	1.43	41 1-	20 N FUSE	0	0	2563	176	300	41	207	0.00	2.56	0
CO720	OC-636326968	1.47	41 1-	6ACWC	0	0	2477	175	300	41	30	0.08	2.64	39
CO504	CO720	1.49	39 1-	6ACWC	0	0	2442	175	290	40	29	0.03	2.67	16
CO662	CO504	1.57	16 1-	1/0PRIURD	0	0	2341	439	153	21	14	0.04	2.71	8
OC32745110	CO662	1.57	14 1-	20 N FUSE	0	0	2341	439	129	17	89	0.00	2.71	0
CO663	OC32745110	1.62	14 1-	1/0PRIURD	0	0	2293	437	129	17	12	0.02	2.73	3
CO664	CO663	1.67	13 1-	1/0PRIURD	0	0	2238	435	118	16	11	0.02	2.74	2
CO665	CO664	1.78	10 1-	1/0PRIURD	0	0	2129	432	84	11	8	0.02	2.77	3
CO659	CO665	1.84	8 1-	1/0PRIURD	0	0	2073	430	62	8	6	0.01	2.78	0
CO660	CO659	1.91	6 1-	1/0PRIURD	0	0	2011	427	49	6	5	0.01	2.78	0
CO661	CO660	2.00	3 1-	1/0PRIURD	0	0	1932	424	19	2	2	0.00	2.79	0
CO638	CO504	1.54	23 1-	6ACWC	0	0	2353	174	137	18	14	0.04	2.72	9
CO658	CO638	1.56	4 1-	1/0PRIURD	0	0	2329	437	31	4	3	0.00	2.72	0
CO639	CO638	1.58	19 1-	6ACWC	0	0	2275	174	106	14	10	0.03	2.74	4
OC-959051901	CO639	1.58	15 1-	20 N FUSE	0	0	2275	174	84	11	58	0.00	2.74	0
CO408	OC-959051901	1.66	1 1-	4ACSR	0	0	2160	173	13	1	1	0.00	2.75	0
CO501	OC-959051901	1.62	14 1-	6ACWC	0	0	2213	173	71	9	7	0.02	2.76	0
CO503	CO501	1.67	14 1-	6ACWC	0	0	2137	173	71	9	7	0.02	2.78	2
CO430	CO503	1.72	1 1-	2ACSR	0	0	2074	173	9	1	1	0.00	2.78	0
CO502	CO503	1.70	12 1-	6ACWC	0	0	2097	173	59	8	6	0.01	2.79	0
CO407	CO502	1.76	1 1-	4ACSR	0	0	2008	172	5	0	1	0.00	2.79	0
CO353	CO502	1.75	11 1-	6ACWC	0	0	2029	172	53	7	5	0.01	2.81	0
CO406	CO353	1.80	2 1-	4ACSR	0	0	1951	172	12	1	1	0.00	2.81	0
CO640	CO353	1.87	8 1-	4ACSR	0	0	1868	171	33	4	3	0.03	2.83	0
CO666	CO640	1.90	2 1-	1/0PRIURD	0	0	1840	415	12	1	1	0.00	2.83	0
CO641	CO640	1.91	6 1-	4ACSR	0	0	1821	170	21	2	2	0.00	2.84	0
OC-1061962837	CO641	1.91	4 1-	20 N FUSE	0	0	1821	170	18	2	13	0.00	2.84	0
CO405	OC-1061962837	1.98	2 1-	4ACSR	0	0	1737	170	6	0	1	0.00	2.84	0
OC2022130701	CO405	1.98	0 1-	20 N FUSE	0	0	1737	170	0	0	0	0.00	2.84	0
CO404	OC-1061962837	1.95	2 1-	1/0PRIURD	0	0	1791	411	12	1	1	0.00	2.84	0
CO8197	CO354	1.65	547 3-	4/0ACSR	2919	2717	2336	175	3950	177	52	0.34	2.86	2239
CO825	CO8197	1.74	540 3-	4/0ACSR	2833	2635	2255	175	3905	176	52	0.12	2.98	761
CO853	CO825	1.94	2 1-	4ACSR	0	0	1962	173	13	1	1	0.01	2.99	0
OC-1899302460	CO853	1.94	0 1-	20 N FUSE	0	0	1962	173	0	0	0	0.00	2.99	0
CO1146	CO825	1.75	538 3-	4/0ACSR	2814	2618	2237	175	3889	175	52	0.03	3.00	168
CO1147	CO1146	1.84	538 3-	4/0ACSR	2734	2542	2163	175	3888	175	52	0.12	3.12	756
CO824	CO1147	1.95	533 3-	4/0ACSR	2634	2448	2071	174	3863	174	51	0.15	3.27	997
CO1139	CO824	2.06	3 1-	4ACSR	0	0	1933	173	31	4	3	0.02	3.29	0
OC1482179596	CO1139	2.06	3 1-	20 N FUSE	0	0	1933	173	31	4	21	0.00	3.29	0
CO855	OC1482179596	2.09	2 1-	4ACSR	0	0	1899	173	15	2	2	0.00	3.30	0
CO1140	OC1482179596	2.12	1 1-	4ACSR	0	0	1862	172	15	2	2	0.01	3.30	0
CO1141	CO1140	2.17	1 1-	4ACSR	0	0	1810	172	15	2	2	0.00	3.30	0
CO1137	CO824	2.05	530 3-	4/0ACSR	2557	2376	2001	174	3827	173	51	0.12	3.39	797
CO1138	CO1137	2.08	530 3-	4/0ACSR	2534	2354	1980	174	3824	173	51	0.04	3.43	256
CO856	CO1138	2.11	1 1-	4ACSR	0	0	1935	174	2	0	0	0.00	3.43	0
CO852	CO1138	2.21	1 2-	4ACSR	0	2200	1831	173	0	0	0	0.00	3.43	0
CO828	CO1138	2.15	524 3-	4/0ACSR	2479	2302	1931	174	3789	171	51	0.09	3.53	603
CO865	CO828	2.35	1 1-	4ACSR	0	0	1720	172	14	1	1	0.01	3.54	0
OC1716893262	CO865	2.35	0 1-	20 N FUSE	0	0	1720	172	0	0	0	0.00	3.54	0
CO1165	CO828	2.15	29 1-	6ACWC	0	0	1923	174	171	23	17	0.01	3.53	0
OC34	CO1165	2.15	29 1-	70 L OCR	0	0	1923	174	171	23	34	0.00	3.53	0
CO1166	OC34	2.27	29 1-	6ACWC	0	0	1802	172	171	23	17	0.11	3.65	29

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO887	CO1166	2.31	1 1-	4ACSR	0	0	1754	172	5	0	1	0.00	3.65	0
CO841	CO1166	2.34	25 1-	4ACSR	0	0	1724	172	139	19	14	0.06	3.71	14
CO864	CO841	2.38	1 1-	4ACSR	0	0	1688	171	5	0	1	0.00	3.71	0
CO863	CO841	2.38	1 1-	4ACSR	0	0	1683	171	10	1	1	0.00	3.71	0
CO1119	CO841	2.36	20 1-	6ACWC	0	0	1703	171	106	14	11	0.01	3.72	2
CO1120	CO1119	2.40	19 1-	6ACWC	0	0	1672	171	97	13	10	0.02	3.74	3
CO1121	CO1120	2.41	17 1-	6ACWC	0	0	1660	171	86	12	9	0.01	3.75	0
CO829	CO1121	2.42	14 1-	6ACWC	0	0	1647	171	58	8	6	0.00	3.75	0
CO1127	CO829	2.45	12 1-	6ACWC	0	0	1622	170	49	6	5	0.01	3.76	0
CO1128	CO1127	2.48	12 1-	6ACWC	0	0	1601	170	49	6	5	0.01	3.77	0
CO851	CO1128	2.56	9 1-	6ACWC	0	0	1534	169	31	4	3	0.02	3.79	0
CO830	CO851	2.82	7 1-	6ACWC	0	0	1344	167	22	3	2	0.04	3.82	0
CO862	CO830	2.90	1 1-	4ACSR	0	0	1296	166	1	0	0	0.00	3.82	0
CO831	CO830	2.98	6 1-	6ACWC	0	0	1251	165	21	2	2	0.02	3.84	0
CO1161	CO831	3.01	5 1-	4ACSR	0	0	1231	165	14	2	1	0.00	3.85	0
CO861	CO1161	3.04	1 1-	4ACSR	0	0	1216	165	7	0	1	0.00	3.85	0
CO1162	CO1161	3.10	4 1-	4ACSR	0	0	1182	164	8	1	1	0.00	3.85	0
CO1133	CO1162	3.17	2 1-	4ACSR	0	0	1149	163	5	0	0	0.00	3.85	0
CO1134	CO1133	3.25	1 1-	4ACSR	0	0	1112	163	0	0	0	0.00	3.85	0
CO888	CO831	3.02	1 1-	4ACSR	0	0	1225	165	7	0	1	0.00	3.84	0
CO1131	CO851	2.62	2 1-	4ACSR	0	0	1482	169	8	1	1	0.00	3.79	0
CO1132	CO1131	2.66	1 1-	4ACSR	0	0	1453	168	3	0	0	0.00	3.79	0
CO1129	CO1128	2.50	1 1-	4ACSR	0	0	1581	170	9	1	1	0.00	3.77	0
CO1130	CO1129	2.53	1 1-	4ACSR	0	0	1557	170	9	1	1	0.00	3.77	0
CO1122	CO829	2.44	1 1-	4ACSR	0	0	1630	171	4	0	0	0.00	3.76	0
CO1123	CO1122	2.51	1 1-	4ACSR	0	0	1571	170	4	0	0	0.00	3.76	0
CO1125	CO1121	2.43	3 1-	4ACSR	0	0	1643	171	28	3	3	0.00	3.75	0
CO1126	CO1125	2.55	2 1-	4ACSR	0	0	1537	169	16	2	2	0.01	3.76	0
CO1124	CO1126	2.61	2 1-	4ACSR	0	0	1492	169	16	2	2	0.00	3.77	0
CO1117	CO828	2.27	494 3-	4/0ACSR	2390	2220	1852	173	3602	163	48	0.15	3.68	933
CO1118	CO1117	2.43	494 3-	4/0ACSR	2285	2121	1759	173	3597	163	48	0.19	3.86	1202
CO1167	CO1118	2.43	492 3-	4/0ACSR	2281	2117	1756	173	3557	161	48	0.01	3.87	50
OC38	CO1167	2.43	492 3-	100 L OCR	2281	2117	1756	173	3556	161	162	0.00	3.87	0
CO1168	OC38	2.55	492 3-	4/0ACSR	2209	2050	1693	173	3556	161	48	0.14	4.01	876
CO866	CO1168	2.65	1 1-	4ACSR	0	0	1603	171	6	0	1	0.00	4.01	0
OC221976805	CO866	2.65	0 1-	20 N FUSE	0	0	1603	171	0	0	0	0.00	4.01	0
CO1113	CO1168	2.69	1 1-	4ACSR	0	0	1572	171	11	1	1	0.00	4.02	0
OC1547450788	CO1113	2.69	0 1-	20 N FUSE	0	0	1572	171	0	0	0	0.00	4.02	0
CO1112	CO1168	2.77	490 3-	4/0ACSR	2085	1934	1586	172	3536	161	47	0.26	4.27	1629
CO1111	CO1112	2.83	488 3-	4/0ACSR	2050	1902	1557	172	3525	160	47	0.08	4.35	487
CO889	CO1111	2.94	2 1-	4ACSR	0	0	1481	171	22	3	2	0.01	4.35	0
OC1950869621	CO889	2.94	0 1-	20 N FUSE	0	0	1481	171	0	0	0	0.00	4.35	0
CO843	CO1111	2.86	486 3-	4/0ACSR	2038	1891	1547	172	3501	159	47	0.03	4.37	174
CO890	CO843	2.93	1 1-	4ACSR	0	0	1491	171	4	0	0	0.00	4.37	0
OC-45263586	CO890	2.93	0 1-	20 N FUSE	0	0	1491	171	0	0	0	0.00	4.37	0
CO846	CO843	3.04	485 3-	4/0ACSR	1950	1809	1472	171	3496	159	47	0.21	4.58	1320
CO895	CO846	3.08	2 1-	4ACSR	0	0	1440	171	24	3	2	0.00	4.58	0
OC-729464184	CO895	3.08	0 1-	20 N FUSE	0	0	1440	171	0	0	0	0.00	4.58	0
OC-894588595	CO846	3.10	1 1-	2ACSR	0	0	1439	171	6	0	0	0.00	4.58	0
OC356154431	CO-894588595	3.10	0 1-	20 N FUSE	0	0	1439	171	0	0	0	0.00	4.58	0
CO203002818	CO846	3.07	482 3-	2ACSR	1927	1788	1453	171	3460	158	88	0.12	4.70	757
CO-327846481	CO203002818	3.09	477 3-	2ACSR	1912	1775	1442	171	3438	157	87	0.08	4.78	487

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO1108	CO-327846481	3.12	477 3-	4/0ACSR	1898	1762	1430	171	3435	157	46	0.04	4.82	225
CO1109	CO1108	3.15	476 3-	4/0ACSR	1884	1749	1418	171	3427	157	46	0.04	4.85	226
REG352	CO1109	3.15	475 3-	200	1884	1749	1418	171	3422	156	78	-4.85	0.00	0
CO1110	REG352	3.19	475 3-	4/0ACSR	1867	1734	1404	171	3422	150	44	0.04	0.04	249
CO896	CO1110	3.26	1 1-	4ACSR	0	0	1364	170	12	1	1	0.00	0.04	0
OC-1981118656	CO896	3.26	0 1-	20 N FUSE	0	0	1364	170	0	0	0	0.00	0.04	0
CO1169	CO1110	3.20	47 1-	4ACSR	0	0	1400	170	381	51	37	0.02	0.06	9
OC33	CO1169	3.20	47 1-	50 H OCR	0	0	1400	170	381	51	103	0.00	0.06	0
CO1170	OC33	3.38	47 1-	4ACSR	0	0	1293	169	381	51	37	0.43	0.48	256
CO1067	CO1170	3.57	46 1-	4ACSR	0	0	1195	167	371	50	36	0.43	0.92	256
CO1086	CO1067	3.67	23 1-	4ACSR	0	0	1146	166	199	27	19	0.13	1.04	39
CO1088	CO1086	3.73	3 1-	4ACSR	0	0	1120	165	15	2	2	0.00	1.05	0
CO1087	CO1088	3.81	1 1-	4ACSR	0	0	1088	164	4	0	0	0.00	1.05	0
CO1089	CO1086	3.71	19 1-	4ACSR	0	0	1131	165	171	23	17	0.03	1.08	9
CO1090	CO1089	3.75	18 1-	4ACSR	0	0	1110	165	166	22	16	0.05	1.13	13
CO1091	CO1090	3.84	17 1-	4ACSR	0	0	1073	164	163	22	16	0.09	1.22	23
CO1093	CO1091	3.94	2 1-	4ACSR	0	0	1035	163	26	3	3	0.02	1.23	0
CO1094	CO1093	4.07	1 1-	4ACSR	0	0	986	162	25	3	2	0.01	1.24	0
CO1092	CO1091	3.87	15 1-	4ACSR	0	0	1061	164	138	18	13	0.03	1.24	6
CO1095	CO1092	3.94	15 1-	4ACSR	0	0	1035	163	138	18	13	0.05	1.30	12
CO1096	CO1095	3.98	13 1-	4ACSR	0	0	1018	162	125	17	12	0.03	1.33	7
CO1097	CO1096	4.08	11 1-	4ACSR	0	0	982	162	118	16	12	0.07	1.40	12
CO1098	CO1097	4.10	10 1-	4ACSR	0	0	975	161	104	14	10	0.01	1.41	2
CO867	CO1098	4.16	0 1-	4ACSR	0	0	956	161	0	0	0	0.00	1.41	0
CO1099	CO1098	4.13	10 1-	4ACSR	0	0	968	161	104	14	10	0.01	1.43	2
CO1100	CO1099	4.15	8 1-	4ACSR	0	0	959	161	103	14	10	0.02	1.44	3
CO1101	CO1100	4.18	8 1-	4ACSR	0	0	950	161	103	14	10	0.02	1.46	3
OC-2031322905	CO1101	4.18	7 1-	20 N FUSE	0	0	950	161	100	13	69	0.00	1.46	0
CO832	OC-2031322905	4.22	5 1-	4ACSR	0	0	938	160	81	11	8	0.02	1.48	2
CO869	CO832	4.30	2 1-	4ACSR	0	0	911	159	7	0	1	0.00	1.48	0
CO1104	CO832	4.23	3 1-	4ACSR	0	0	932	160	74	10	7	0.01	1.49	0
CO1105	CO1104	4.32	3 1-	4ACSR	0	0	905	159	74	10	7	0.04	1.53	5
CO1106	CO1105	4.34	3 1-	4ACSR	0	0	899	159	74	10	7	0.01	1.54	0
CO8205	CO1106	5.01	2 1-	4ACSR	0	0	735	153	18	2	2	0.07	1.61	0
CO4169	CO8205	5.36	2 1-	4ACSR	0	0	669	150	18	2	2	0.03	1.64	0
CO4170	CO4169	5.41	1 1-	4ACSR	0	0	659	150	13	1	1	0.00	1.65	0
CO4171	CO4170	5.49	1 1-	4ACSR	0	0	647	149	13	1	1	0.01	1.65	0
CO4172	CO4171	5.59	1 1-	4ACSR	0	0	632	148	13	1	1	0.01	1.66	0
CO4173	CO4172	5.78	1 1-	4ACSR	0	0	603	147	13	1	1	0.02	1.68	0
CO4174	CO4173	5.86	1 1-	4ACSR	0	0	592	146	13	1	1	0.01	1.68	0
CO4318	CO4174	5.94	1 1-	4ACSR	0	0	582	145	13	1	1	0.01	1.69	0
CO1028	CO4318	6.00	1 1-	4ACSR	0	0	574	145	13	1	1	0.00	1.69	0
CO1029	CO1028	6.04	1 1-	4ACSR	0	0	569	145	13	1	1	0.00	1.70	0
CO1030	CO1029	6.10	1 1-	4ACSR	0	0	562	144	13	1	1	0.00	1.70	0
CO8203	CO1030	6.16	1 1-	4ACSR	0	0	554	144	13	1	1	0.00	1.70	0
CO1102	OC-2031322905	4.23	2 1-	4ACSR	0	0	932	160	19	2	2	0.01	1.47	0
CO868	CO1102	4.28	1 1-	4ACSR	0	0	917	160	11	1	1	0.00	1.47	0
CO1103	CO1102	4.33	1 1-	4ACSR	0	0	902	159	9	1	1	0.00	1.47	0
CO1070	CO1067	3.67	20 1-	4ACSR	0	0	1149	166	145	19	14	0.08	1.00	19
CO1071	CO1070	3.69	19 1-	4ACSR	0	0	1139	165	132	18	13	0.02	1.02	4
CO1072	CO1071	3.73	17 1-	4ACSR	0	0	1121	165	127	17	12	0.03	1.05	6
CO1073	CO1072	3.76	15 1-	4ACSR	0	0	1108	165	114	15	11	0.02	1.07	4

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-541356039	CO1073	3.76	15 1-	20 N FUSE	0	0	1108	165	114	15	78	0.00	1.07	0
CO898	OC-541356039	3.80	1 1-	4ACSR	0	0	1092	164	3	0	0	0.00	1.07	0
CO848	OC-541356039	3.82	14 1-	4ACSR	0	0	1080	164	111	15	11	0.05	1.12	8
CO849	CO848	3.85	12 1-	4ACSR	0	0	1069	164	88	12	9	0.02	1.13	2
CO1074	CO849	3.89	10 1-	4ACSR	0	0	1055	163	68	9	7	0.01	1.15	0
CO1075	CO1074	3.93	9 1-	4ACSR	0	0	1037	163	60	8	6	0.02	1.16	0
CO1076	CO1075	3.95	8 1-	4ACSR	0	0	1030	163	55	7	5	0.01	1.17	0
CO1077	CO1076	4.08	7 1-	4ACSR	0	0	985	162	55	7	5	0.04	1.21	4
CO1078	CO1077	4.16	7 1-	4ACSR	0	0	956	161	55	7	5	0.03	1.24	2
CO1079	CO1078	4.31	6 1-	4ACSR	0	0	908	159	45	6	4	0.04	1.27	2
CO1081	CO1079	4.35	5 1-	4ACSR	0	0	896	159	32	4	3	0.01	1.28	0
CO1082	CO1081	4.46	3 1-	4ACSR	0	0	864	158	16	2	2	0.01	1.29	0
CO1083	CO1082	4.50	2 1-	4ACSR	0	0	854	158	7	0	1	0.00	1.29	0
CO1084	CO1083	4.62	2 1-	4ACSR	0	0	824	157	7	0	1	0.01	1.30	0
CO1085	CO1084	4.78	2 1-	4ACSR	0	0	783	155	7	0	1	0.01	1.31	0
CO8204	CO1085	4.82	2 1-	4ACSR	0	0	774	155	7	0	1	0.00	1.31	0
CO4167	CO8204	5.03	2 1-	4ACSR	0	0	730	153	7	0	1	0.01	1.32	0
CO4168	CO4167	5.13	2 1-	4ACSR	0	0	711	152	7	0	1	0.00	1.32	0
CO4133	CO4168	5.20	1 1-	4ACSR	0	0	697	151	0	0	0	0.00	1.32	0
CO4132	CO4168	5.18	1 1-	4ACSR	0	0	700	152	7	0	1	0.00	1.32	0
CO1080	CO1082	4.54	1 1-	4ACSR	0	0	843	157	9	1	1	0.00	1.29	0
CO899	CO849	3.89	2 1-	4ACSR	0	0	1053	163	20	2	2	0.00	1.13	0
CO900	CO848	3.85	2 1-	4ACSR	0	0	1069	164	23	3	2	0.00	1.12	0
CO904	CO900	3.87	1 1-	4ACSR	0	0	1063	164	11	1	1	0.00	1.12	0
CO1069	CO1067	3.63	3 1-	4ACSR	0	0	1168	166	26	3	3	0.01	0.92	0
CO1068	CO1069	3.65	1 1-	4ACSR	0	0	1154	166	16	2	2	0.00	0.93	0
CO845	CO1110	3.37	426 3-	1/0ACSR	1772	1648	1328	170	3019	133	58	0.34	0.38	1847
CO1065	CO845	3.44	426 3-	1/0ACSR	1739	1618	1302	169	3010	133	58	0.12	0.50	683
CO1066	CO1065	3.58	426 3-	1/0ACSR	1673	1558	1249	169	3007	133	58	0.27	0.77	1461
CO1063	CO1066	3.63	425 3-	1/0ACSR	1650	1537	1231	168	2995	133	58	0.09	0.86	518
CO1064	CO1063	3.68	424 3-	1/0ACSR	1630	1519	1215	168	2988	132	58	0.08	0.94	462
CO1061	CO1064	3.77	7 1-	4/0ACSR	0	0	1193	168	49	6	2	0.01	0.95	0
OC-111155539	CO1061	3.77	6 1-	20 N FUSE	0	0	1193	168	37	5	25	0.00	0.95	0
CO1062	OC-111155539	3.86	6 1-	4/0ACSR	0	0	1169	168	37	5	1	0.00	0.95	0
CO847	CO1064	3.94	416 3-	1/0ACSR	1527	1425	1134	167	2936	130	57	0.46	1.41	2521
CO1044	CO847	4.01	13 1-	8ACWC	0	0	1097	166	178	24	24	0.11	1.52	32
OC306200508	CO1044	4.01	11 1-	20 N FUSE	0	0	1097	166	168	22	115	0.00	1.52	0
CO1045	OC306200508	4.24	11 1-	8ACWC	0	0	985	162	168	22	23	0.35	1.87	99
CO1051	CO1045	4.37	2 1-	8ACWC	0	0	929	161	15	2	2	0.02	1.89	0
OC-1432878358	CO1051	4.37	2 1-	20 N FUSE	0	0	929	161	15	2	10	0.00	1.89	0
CO1052	OC-1432878358	4.41	2 1-	8ACWC	0	0	914	160	15	2	2	0.01	1.89	0
CO1053	CO1052	4.46	2 1-	8ACWC	0	0	896	159	15	2	2	0.01	1.90	0
CO1054	CO1053	4.50	2 1-	8ACWC	0	0	881	159	15	2	2	0.01	1.91	0
CO1055	CO1054	4.53	2 1-	8ACWC	0	0	867	158	15	2	2	0.01	1.91	0
CO1056	CO1055	4.59	2 1-	8ACWC	0	0	847	158	15	2	2	0.01	1.92	0
CO1057	CO1056	4.71	2 1-	8ACWC	0	0	806	156	15	2	2	0.02	1.94	0
CO1058	CO1057	4.74	2 1-	8ACWC	0	0	799	156	15	2	2	0.00	1.94	0
CO1046	CO1045	4.45	9 1-	8ACWC	0	0	899	160	152	20	21	0.29	2.16	73
CO1047	CO1046	4.56	7 1-	8ACWC	0	0	857	158	150	20	21	0.15	2.31	38
CO1059	CO1047	4.65	6 1-	8ACWC	0	0	828	157	149	20	21	0.12	2.43	29
CO1060	CO1059	4.67	5 1-	8ACWC	0	0	821	157	147	20	20	0.03	2.45	6
CO1171	CO1060	4.79	4 1-	8ACWC	0	0	782	155	130	17	18	0.14	2.60	31

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1048	CO1171	4.81	4 1-	8ACWC	0	0	777	155	130	17	18	0.02	2.62	5
CO1049	CO1048	4.84	4 1-	8ACWC	0	0	768	154	130	17	18	0.04	2.65	8
CO1050	CO1049	5.10	4 1-	8ACWC	0	0	696	151	130	17	18	0.31	2.97	69
CO891	CO1050	5.25	2 1-	8ACWC	0	0	662	149	3	0	0	0.00	2.97	0
CO844	CO1050	5.21	2 1-	8ACWC	0	0	671	150	127	17	18	0.12	3.09	26
OC1341774088	CO844	5.21	2 1-	20 N FUSE	0	0	671	150	126	17	88	0.00	3.09	0
CO893	OC1341774088	5.48	1 1-	1/0PRIURD	0	0	645	298	66	9	6	0.03	3.12	0
CO892	OC1341774088	5.41	1 1-	1/0PRIURD	0	0	652	299	60	8	6	0.02	3.11	0
CO894	CO1047	4.64	1 1-	8ACWC	0	0	831	157	1	0	0	0.00	2.31	0
CO1040	CO847	4.02	402 3-	1/0ACSR	1496	1396	1110	167	2735	122	53	0.14	1.54	730
CO1041	CO1040	4.05	401 3-	1/0ACSR	1485	1387	1101	166	2729	122	53	0.05	1.59	248
CO1042	CO1041	4.07	400 3-	1/0ACSR	1478	1381	1096	166	2702	121	53	0.03	1.62	164
CO1043	CO1042	4.16	400 3-	1/0ACSR	1445	1350	1070	166	2701	121	53	0.15	1.78	803
CO1031	CO1043	4.20	9 1-	4ACSR	0	0	1055	165	71	9	7	0.02	1.79	0
OC-850800861	CO1031	4.20	8 1-	20 N FUSE	0	0	1055	165	62	8	43	0.00	1.79	0
CO1032	OC-850800861	4.32	8 1-	4ACSR	0	0	1015	164	62	8	6	0.04	1.83	4
CO1033	CO1032	4.35	7 1-	4ACSR	0	0	1004	164	59	8	6	0.01	1.85	0
CO1035	CO1033	4.37	6 1-	4ACSR	0	0	997	164	57	7	6	0.01	1.85	0
CO1036	CO1035	4.46	3 1-	4ACSR	0	0	966	163	43	5	4	0.02	1.88	0
CO1038	CO1036	4.61	1 1-	4ACSR	0	0	919	161	14	1	1	0.01	1.89	0
CO1039	CO1038	4.66	1 1-	4ACSR	0	0	905	161	14	1	1	0.00	1.89	0
CO1037	CO1036	4.54	1 1-	4ACSR	0	0	942	162	20	2	2	0.01	1.89	0
CO1034	CO1037	4.59	1 1-	4ACSR	0	0	924	162	20	2	2	0.00	1.89	0
CO903	CO1033	4.39	1 1-	4ACSR	0	0	991	164	3	0	0	0.00	1.85	0
CO-455964811	CO1043	4.26	391 3-	2ACSR	1405	1315	1040	165	2626	118	66	0.25	2.03	1244
CO-1400634914	CO-455964811	4.34	1 1-	2ACSR	0	0	1017	165	2	0	0	0.00	2.03	0
OC-927979655	CO-1400634914	4.34	0 1-	20 N FUSE	0	0	1017	165	0	0	0	0.00	2.03	0
CO459953315	CO-455964811	4.36	390 3-	2ACSR	1369	1283	1013	165	2618	118	66	0.24	2.27	1181
CO8228	CO459953315	4.36	390 3-	1/0ACSR	1368	1282	1012	165	2613	118	51	0.01	2.27	38
CO2035040634	CO8228	4.37	3 3-	2ACSR	1365	1279	1010	164	19	0	0	0.00	2.27	0
CO-750805833	CO2035040634	4.42	3 1-	2ACSR	0	0	996	164	19	2	1	0.00	2.28	0
CO-1615234240	CO2035040634	4.42	0 3-	2ACSR	1347	1263	997	164	0	0	0	0.00	2.27	0
CO4188	CO8228	4.40	386 3-	1/0ACSR	1355	1270	1002	164	2594	117	51	0.07	2.34	339
CO4118	CO4188	4.43	9 1-	4ACSR	0	0	992	164	55	7	5	0.01	2.35	0
OC138268963	CO4118	4.43	9 1-	20 N FUSE	0	0	992	164	55	7	38	0.00	2.35	0
CO4117	OC138268963	4.63	5 1-	4ACSR	0	0	928	162	35	4	3	0.04	2.39	2
CO4137	CO4117	4.76	2 1-	4ACSR	0	0	893	161	21	2	2	0.01	2.40	0
CO4136	CO4117	4.75	3 1-	4ACSR	0	0	894	161	14	1	1	0.01	2.40	0
CO4189	OC138268963	4.54	4 1-	4ACSR	0	0	956	163	21	2	2	0.01	2.36	0
CO4190	CO4189	4.59	2 1-	4ACSR	0	0	942	162	8	1	1	0.00	2.36	0
CO4191	CO4188	4.47	376 3-	1/0ACSR	1335	1252	987	164	2530	114	50	0.10	2.43	490
CO4192	CO4191	4.53	375 3-	1/0ACSR	1316	1235	973	164	2525	114	50	0.10	2.53	491
CO4193	CO4192	4.60	375 3-	1/0ACSR	1299	1218	959	163	2522	114	50	0.09	2.62	477
CO4194	CO4193	4.64	374 3-	1/0ACSR	1286	1206	949	163	2510	113	50	0.07	2.69	347
CO4195	CO4194	4.68	373 3-	1/0ACSR	1277	1199	943	163	2504	113	49	0.05	2.74	235
CO4203	CO4195	4.74	362 3-	1/0ACSR	1259	1182	929	163	2440	111	48	0.09	2.83	477
CO4139	CO4203	4.79	2 1-	4ACSR	0	0	916	162	9	1	1	0.00	2.83	0
OC1215560477	CO4139	4.79	0 1-	20 N FUSE	0	0	916	162	0	0	0	0.00	2.83	0
CO4204	CO4203	4.76	359 3-	1/0ACSR	1256	1179	926	163	2419	110	48	0.02	2.85	94
CO4119	CO4204	4.82	359 3-	1/0ACSR	1239	1163	913	162	2419	110	48	0.09	2.94	459
CO4314	CO4119	4.83	39 1-	2ACSR	0	0	912	162	307	42	24	0.01	2.95	4
OC122	CO4314	4.83	39 1-	35 H OCR	0	0	912	162	307	42	122	0.00	2.95	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4315	OC122	4.89	39 1-	2ACSR	0	0	899	162	307	42	24	0.08	3.03	36
CO4205	CO4315	4.96	38 1-	2ACSR	0	0	883	161	304	42	24	0.09	3.12	44
CO4208	CO4205	5.03	36 1-	2ACSR	0	0	868	161	292	40	23	0.09	3.21	40
CO4209	CO4208	5.17	35 1-	2ACSR	0	0	838	160	282	39	22	0.18	3.40	81
CO4213	CO4209	5.24	30 1-	2ACSR	0	0	825	160	253	35	20	0.08	3.47	30
CO4214	CO4213	5.46	29 1-	2ACSR	0	0	785	158	249	34	19	0.24	3.71	92
CO4215	CO4214	5.53	29 1-	2ACSR	0	0	772	158	249	34	19	0.08	3.79	32
CO4218	CO4215	5.66	27 1-	2ACSR	0	0	752	157	238	33	18	0.13	3.93	49
CO4219	CO4218	5.71	26 1-	2ACSR	0	0	743	157	238	33	18	0.05	3.98	19
OC-2111582829	CO4219	5.71	25 1-	20 N FUSE	0	0	743	157	216	30	151	0.00	3.98	0
CO4220	OC-2111582829	5.84	25 1-	2ACSR	0	0	724	156	216	30	17	0.12	4.10	41
CO4316	CO4220	5.87	2 1-	2ACSR	0	0	718	156	10	1	1	0.00	4.10	0
CO4317	CO4316	5.89	2 1-	2ACSR	0	0	717	155	10	1	1	0.00	4.10	0
CO4122	CO4220	6.03	23 1-	2ACSR	0	0	697	155	206	28	16	0.17	4.27	56
CO4140	CO4122	6.12	0 1-	2ACSR	0	0	684	154	0	0	0	0.00	4.27	0
CO4221	CO4122	6.08	23 1-	2ACSR	0	0	689	154	206	28	16	0.05	4.32	16
CO4222	CO4221	6.15	22 1-	2ACSR	0	0	679	154	192	26	15	0.06	4.38	17
CO4223	CO4222	6.19	20 1-	2ACSR	0	0	674	154	181	25	14	0.03	4.41	8
CO4234	CO4223	6.27	4 1-	2ACSR	0	0	665	153	56	7	4	0.02	4.43	0
CO4235	CO4234	6.40	4 1-	2ACSR	0	0	648	152	56	7	4	0.03	4.46	3
CO4236	CO4235	6.48	3 1-	2ACSR	0	0	639	152	35	4	3	0.01	4.47	0
CO4239	CO4236	6.65	1 1-	2ACSR	0	0	620	151	0	0	0	0.00	4.47	0
CO4240	CO4239	6.93	1 1-	2ACSR	0	0	590	149	0	0	0	0.00	4.47	0
CO4241	CO4240	7.21	1 1-	2ACSR	0	0	562	147	0	0	0	0.00	4.47	0
CO4238	CO4236	6.54	1 1-	1/0PRIURD	0	0	633	306	0	0	0	0.00	4.47	0
OC713405053	CO4238	6.54	0 1-	20 N FUSE	0	0	633	306	0	0	0	0.00	4.47	0
CO4164	CO4235	6.50	1 1-	2ACSR	0	0	636	152	21	3	2	0.01	4.47	0
OC325891865	CO4164	6.50	1 1-	20 N FUSE	0	0	636	152	21	3	15	0.00	4.47	0
CO4237	OC325891865	6.57	1 1-	1/0PRIURD	0	0	630	306	21	3	2	0.00	4.48	0
CO4166	CO4223	6.21	14 1-	2ACSR	0	0	672	153	111	15	9	0.01	4.42	0
CO4227	CO4166	6.31	9 1-	2ACSR	0	0	659	153	66	9	5	0.03	4.45	3
CO4228	CO4227	6.70	9 1-	2ACSR	0	0	613	150	66	9	5	0.12	4.57	12
OC-1769887384	CO4228	6.70	9 1-	20 N FUSE	0	0	613	150	66	9	46	0.00	4.57	0
CO4229	OC-1769887384	6.80	9 1-	2ACSR	0	0	603	150	66	9	5	0.03	4.59	3
CO1150540010	CO4229	7.01	1 1-	2ACSR	0	0	582	149	9	1	1	0.01	4.60	0
CO-351708566	CO1150540010	7.10	1 1-	2ACSR	0	0	573	148	9	1	1	0.00	4.60	0
CO134397778	CO1150540010	7.04	0 1-	2ACSR	0	0	578	148	0	0	0	0.00	4.60	0
CO4230	CO4229	6.93	8 1-	2ACSR	0	0	590	149	57	8	4	0.03	4.63	3
CO4231	CO4230	7.21	8 1-	2ACSR	0	0	562	147	57	8	4	0.07	4.70	6
CO8283	CO4231	7.42	6 1-	6ACWC	0	0	539	146	46	6	5	0.06	4.76	5
CO4428	CO8283	7.57	6 1-	6ACWC	0	0	523	145	46	6	5	0.05	4.81	3
CO4337	CO4428	7.66	1 1-	6ACWC	0	0	515	144	13	1	1	0.00	4.81	0
CO4358	CO4428	7.74	5 1-	6ACWC	0	0	507	143	33	4	3	0.03	4.84	0
CO4426	CO4358	8.14	5 1-	6ACWC	0	0	472	140	33	4	3	0.09	4.93	5
CO4427	CO4426	8.15	5 1-	6ACWC	0	0	470	140	33	4	3	0.00	4.93	0
CO4359	CO4427	8.28	5 1-	6ACWC	0	0	460	139	33	4	3	0.03	4.96	0
OC762345624	CO4359	8.28	5 1-	20 N FUSE	0	0	460	139	33	4	24	0.00	4.96	0
CO4360	OC762345624	8.49	5 1-	6ACWC	0	0	444	138	33	4	3	0.04	5.00	2
CO4361	CO4360	8.74	4 1-	6ACWC	0	0	426	136	29	4	3	0.05	5.05	2
CO4338	CO4361	8.79	1 1-	6ACWC	0	0	423	136	11	1	1	0.00	5.05	0
CO4322	CO4361	8.93	2 1-	6ACWC	0	0	414	135	15	2	2	0.01	5.06	0
CO4339	CO4322	9.00	0 1-	6ACWC	0	0	409	134	0	0	0	0.00	5.06	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4369	CO4322	9.12	1 1-	6ACWC	0	0	402	133	7	0	1	0.01	5.07	0
CO4370	CO4369	9.17	1 1-	6ACWC	0	0	398	133	7	0	1	0.00	5.07	0
CO4371	CO4370	9.22	1 1-	6ACWC	0	0	395	133	7	0	1	0.00	5.07	0
CO4372	CO4371	9.28	1 1-	6ACWC	0	0	392	132	7	0	1	0.00	5.07	0
CO4367	CO4361	8.79	1 1-	6ACWC	0	0	422	136	3	0	0	0.00	5.05	0
CO4368	CO4367	8.84	1 1-	6ACWC	0	0	419	135	3	0	0	0.00	5.05	0
CO4232	CO4231	7.33	2 1-	2ACSR	0	0	552	147	11	1	1	0.01	4.71	0
CO4233	CO4232	7.44	2 1-	2ACSR	0	0	543	146	11	1	1	0.00	4.71	0
CO4226	CO4166	6.32	4 1-	2ACSR	0	0	657	153	30	4	2	0.01	4.43	0
CO4311	CO4226	6.39	2 1-	2ACSR	0	0	649	152	17	2	1	0.00	4.44	0
CO4312	CO4311	6.44	1 1-	2ACSR	0	0	644	152	9	1	1	0.00	4.44	0
CO4310	CO4311	6.44	1 1-	750 MCM - 42 Wi	0	0	647	152	8	1	0	0.00	4.44	0
OC1428487240	CO4310	6.44	1 1-	20 N FUSE	0	0	647	152	8	1	6	0.00	4.44	0
CO4313	OC1428487240	6.50	1 1-	1/0PRIURD	0	0	644	309	8	1	1	0.00	4.44	0
CO4224	CO4166	6.40	1 1-	2ACSR	0	0	648	152	15	2	1	0.01	4.43	0
CO4225	CO4224	6.43	1 1-	2ACSR	0	0	645	152	15	2	1	0.00	4.44	0
CO4216	CO4215	5.57	2 1-	2ACSR	0	0	767	157	10	1	1	0.00	3.79	0
CO4217	CO4216	5.64	0 1-	2ACSR	0	0	754	157	0	0	0	0.00	3.79	0
CO4210	CO4209	5.22	5 1-	2ACSR	0	0	829	160	28	3	2	0.00	3.40	0
CO4142	CO4210	5.28	1 1-	2ACSR	0	0	818	159	8	1	1	0.00	3.40	0
CO4141	CO4210	5.26	1 1-	2ACSR	0	0	822	159	3	0	0	0.00	3.40	0
CO4211	CO4210	5.30	2 1-	2ACSR	0	0	814	159	4	0	0	0.00	3.40	0
CO4212	CO4211	5.33	2 1-	2ACSR	0	0	807	159	4	0	0	0.00	3.40	0
CO4206	CO4205	5.02	2 1-	2ACSR	0	0	869	161	12	1	1	0.00	3.13	0
CO4207	CO4206	5.07	1 1-	2ACSR	0	0	860	161	7	0	1	0.00	3.13	0
CO4120	CO4119	4.86	318 3-	1/0ACSR	1228	1154	905	162	2087	96	42	0.04	2.99	212
CO4121	CO4120	4.90	315 3-	1/0ACSR	1219	1145	898	162	2067	95	41	0.04	3.03	199
FD1151736273	CO4121	4.90	311 3-	_DefaultBayEqui	1219	1145	898	162	2051	94	0	0.00	3.03	0
CO4123	FD1151736273	4.98	311 3-	1/0ACSR	1201	1128	884	162	2051	94	41	0.08	3.11	391
OC1151736273	CO4123	4.98	310 3-	20 N FUSE	1201	1128	884	162	2030	93	470	0.00	3.11	0
CO30668	OC1151736273	5.02	310 3-	1/0ACSR	1191	1119	877	161	2030	91	40	0.05	3.16	191
CO4248	CO30668	5.16	310 3-	1/0ACSR	1158	1089	852	161	2029	91	40	0.18	3.35	696
CA-1163955036	CO4248	5.16	0 3-	Capacitor	1158	1089	852	161	0	-14	0	0.00	3.35	0
CO4149	CO4248	5.24	1 1-	4ACSR	0	0	834	160	8	1	1	0.00	3.35	0
OC800562920	CO4149	5.24	0 1-	20 N FUSE	0	0	834	160	0	0	0	0.00	3.35	0
CO4249	CO4248	5.25	308 3-	1/0ACSR	1138	1070	836	160	2017	91	40	0.14	3.48	457
CO4250	CO4249	5.34	307 3-	1/0ACSR	1119	1053	822	160	2013	91	40	0.13	3.61	427
CO4253	CO4250	5.37	306 3-	1/0ACSR	1114	1048	818	160	2008	91	40	0.04	3.65	119
CO4254	CO4253	5.43	306 3-	1/0ACSR	1100	1035	808	160	2007	91	40	0.10	3.75	318
CO4148	CO4254	5.51	3 1-	4ACSR	0	0	791	159	5	0	1	0.00	3.75	0
OC-2051181536	CO4148	5.51	0 1-	20 N FUSE	0	0	791	159	0	0	0	0.00	3.75	0
CO4124	CO4254	5.53	303 3-	1/0ACSR	1081	1018	794	159	2001	91	40	0.14	3.88	452
CO4147	CO4124	5.59	1 1-	4ACSR	0	0	782	159	6	0	1	0.00	3.88	0
OC247994134	CO4147	5.59	0 1-	20 N FUSE	0	0	782	159	0	0	0	0.00	3.88	0
CO4125	CO4124	5.56	302 3-	1/0ACSR	1075	1012	789	159	1993	90	40	0.05	3.93	157
CO4126	CO4125	5.58	300 3-	1/0ACSR	1071	1009	786	159	1975	90	39	0.03	3.96	88
CO4146	CO4126	5.64	1 1-	4ACSR	0	0	774	158	0	0	0	0.00	3.96	0
OC-451549139	CO4146	5.64	0 1-	20 N FUSE	0	0	774	158	0	0	0	0.00	3.96	0
CO4127	CO4126	5.63	298 3-	1/0ACSR	1061	1000	779	159	1975	90	39	0.07	4.03	243
CO4128	CO4127	5.68	293 3-	1/0ACSR	1053	991	772	158	1958	89	39	0.07	4.10	217
CO4265	CO4128	5.70	289 3-	1/0ACSR	1048	987	769	158	1945	88	39	0.03	4.13	103
CO4266	CO4265	5.76	289 3-	1/0ACSR	1039	979	762	158	1944	88	39	0.07	4.21	241

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4145	CO4266	5.81	1 1-	4ACSR	0	0	751	158	7	0	1	0.00	4.21	0
CO4269	CO4266	5.91	285 3-	1/0ACSR	1011	953	741	157	1857	84	37	0.21	4.42	651
OC2001282870	CO4269	5.91	284 3-	20 N FUSE	1011	953	741	157	1854	84	425	0.00	4.42	0
CO4270	OC2001282870	6.20	284 3-	1/0ACSR	964	909	706	156	1854	84	37	0.38	4.80	1191
CO4143	CO4270	6.32	0 1-	4ACSR	0	0	687	155	0	0	0	0.00	4.80	0
CO4129	CO4270	6.51	284 3-	1/0ACSR	918	866	671	155	1849	84	37	0.42	5.22	1293
CO4152	CO4129	6.58	1 1-	4ACSR	0	0	661	154	2	0	0	0.00	5.22	0
OC-224737597	CO4152	6.58	0 1-	20 N FUSE	0	0	661	154	0	0	0	0.00	5.22	0
CO4271	CO4129	6.53	283 3-	1/0ACSR	916	865	670	155	1841	84	37	0.02	5.23	48
CO4272	CO4271	6.54	283 3-	1/0ACSR	913	862	668	155	1841	84	37	0.03	5.26	78
CO4273	CO4272	6.57	280 3-	1/0ACSR	910	859	666	154	1817	83	36	0.03	5.29	92
CO4153	CO4273	6.65	3 1-	4ACSR	0	0	653	154	17	2	2	0.00	5.29	0
OC-1735864456	CO4153	6.65	0 1-	20 N FUSE	0	0	653	154	0	0	0	0.00	5.29	0
CO4274	CO4273	6.76	276 3-	1/0ACSR	885	836	647	154	1795	82	36	0.24	5.53	742
REG353	CO4274	6.76	276 3-	100	885	836	647	154	1792	82	83	-5.53	0.00	0
CO4277	REG353	6.78	275 3-	1/0ACSR	881	832	644	154	1792	79	34	0.03	0.03	94
CO8280	CO4277	6.82	273 3-	1/0ACSR	876	827	640	153	1780	78	34	0.05	0.08	143
CO8281	CO8280	6.97	5 1-	4ACSR	0	0	620	152	13	1	1	0.01	0.09	0
OC625390284	CO8281	6.97	1 1-	20 N FUSE	0	0	620	152	0	0	0	0.00	0.09	0
CO4278	OC625390284	7.04	1 1-	2ACSR	0	0	612	152	0	0	0	0.00	0.09	0
CO4108	CO8280	6.92	265 3-	1/0ACSR	864	816	631	153	1757	77	34	0.11	0.19	319
CO4109	CO4108	6.97	264 3-	2ACSR	856	809	626	153	1730	76	42	0.10	0.29	278
CO-820349632	CO4109	6.99	262 3-	2ACSR	852	806	623	152	1716	75	42	0.05	0.33	130
CO4115	CO-820349632	7.00	255 3-	1/0ACSR	851	805	622	152	1582	69	30	0.01	0.34	19
OC121	CO4115	7.00	255 3-	50 L OCR	851	805	622	152	1582	69	0	0.00	0.34	0
CO4116	OC121	7.16	255 3-	1/0ACSR	832	787	608	152	1582	69	30	0.17	0.52	458
OC-81325468	CO4116	7.16	254 3-	20 N FUSE	832	787	608	152	1572	69	348	0.00	0.52	0
CO8279	OC-81325468	7.23	254 3-	1/0ACSR	824	779	602	151	1572	69	30	0.07	0.59	183
CO4284	CO8279	7.32	248 3-	1/0ACSR	814	770	595	151	1524	67	29	0.09	0.67	220
CO4285	CO4284	7.34	245 3-	1/0ACSR	811	767	592	151	1492	66	29	0.03	0.70	70
CO4154	CO4285	7.38	2 1-	4ACSR	0	0	588	151	12	1	1	0.00	0.70	0
OC-1272694396	CO4154	7.38	1 1-	20 N FUSE	0	0	588	151	6	0	4	0.00	0.70	0
CO-1610313587	OC-1272694396	7.46	1 1-	2ACSR	0	0	580	150	6	0	0	0.00	0.70	0
CO4130	CO4285	7.37	243 3-	1/0ACSR	808	765	590	151	1480	65	29	0.03	0.73	70
CO4155	CO4130	7.43	2 1-	4ACSR	0	0	583	150	4	0	0	0.00	0.73	0
OC-1163486682	CO4155	7.43	0 1-	20 N FUSE	0	0	583	150	0	0	0	0.00	0.73	0
CO4286	CO4130	7.40	239 3-	1/0ACSR	805	762	588	151	1462	64	28	0.03	0.76	70
CO4287	CO4286	7.42	239 3-	1/0ACSR	803	760	586	151	1462	64	28	0.02	0.77	44
CO4131	CO4287	7.45	233 3-	1/0ACSR	800	757	584	151	1396	61	27	0.03	0.80	63
CO8290	CO4131	7.58	1 1-	4ACSR	0	0	568	149	10	1	1	0.01	0.81	0
OC1559236432	CO8290	7.58	1 1-	20 N FUSE	0	0	568	149	10	1	7	0.00	0.81	0
CO4376	OC1559236432	7.61	1 1-	4ACSR	0	0	564	149	10	1	1	0.00	0.81	0
CO4293	CO4131	7.48	232 3-	1/0ACSR	796	753	581	150	1386	61	27	0.03	0.83	77
CO4294	CO4293	7.53	231 3-	1/0ACSR	791	748	577	150	1366	60	26	0.04	0.88	101
CO8288	CO4294	7.58	4 1-	4ACSR	0	0	572	150	26	3	3	0.01	0.88	0
OC-1918209514	CO8288	7.58	4 1-	20 N FUSE	0	0	572	150	26	3	18	0.00	0.88	0
CO30664	OC-1918209514	7.62	4 1-	4ACSR	0	0	567	149	26	3	3	0.01	0.89	0
CO4429	CO30664	7.65	3 1-	4ACSR	0	0	563	149	26	3	3	0.01	0.89	0
CO4430	CO4429	7.71	2 1-	4ACSR	0	0	557	149	24	3	2	0.01	0.90	0
CO4373	CO4430	7.77	2 1-	4ACSR	0	0	550	148	24	3	2	0.01	0.91	0
CO4374	CO4373	7.83	2 1-	4ACSR	0	0	544	148	24	3	2	0.00	0.92	0
CO8287	CO4294	7.57	206 3-	1/0ACSR	787	745	574	150	1196	53	23	0.03	0.90	59

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4405	CO8287	7.65	204 3-	1/0ACSR	779	737	568	150	1178	52	23	0.06	0.96	125
CO4342	CO4405	7.74	1 1-	4ACSR	0	0	559	149	8	1	1	0.00	0.96	0
OC225955138	CO4342	7.74	0 1-	20 N FUSE	0	0	559	149	0	0	0	0.00	0.96	0
CO4324	CO4405	7.74	199 3-	1/0ACSR	770	729	562	149	1129	50	22	0.06	1.02	122
CO4341	CO4324	7.77	1 1-	4ACSR	0	0	558	149	15	2	1	0.00	1.02	0
OC1642323911	CO4341	7.77	0 1-	20 N FUSE	0	0	558	149	0	0	0	0.00	1.02	0
CO4407	CO4324	7.83	196 3-	1/0ACSR	761	721	555	149	1094	48	21	0.06	1.08	121
CO4408	CO4407	7.98	194 3-	1/0ACSR	747	707	545	148	1083	48	21	0.10	1.18	203
CO4336	CO4408	8.04	193 3-	1/0ACSR	741	702	540	148	1081	48	21	0.04	1.22	81
CO4330	CO4336	8.26	8 1-	4ACSR	0	0	518	146	57	7	6	0.08	1.30	7
OC-1351663611	CO4330	8.26	8 1-	20 N FUSE	0	0	518	146	57	7	39	0.00	1.30	0
CO4323	OC-1351663611	8.39	3 1-	4ACSR	0	0	505	145	21	2	2	0.02	1.32	0
CO8292	CO4323	8.56	0 1-	4ACSR	0	0	490	144	0	0	0	0.00	1.32	0
CO4375	CO4323	8.45	3 1-	4ACSR	0	0	500	145	21	2	2	0.01	1.33	0
CO8291	CO4375	8.52	2 1-	4ACSR	0	0	494	144	19	2	2	0.00	1.33	0
CO4444	OC-1351663611	8.32	5 1-	4ACSR	0	0	512	146	35	4	3	0.01	1.32	0
CO4340	CO4444	8.34	1 1-	4ACSR	0	0	511	146	3	0	0	0.00	1.32	0
CO4445	CO4444	8.38	4 1-	4ACSR	0	0	506	145	33	4	3	0.01	1.33	0
CO4406	CO4445	8.44	2 1-	4ACSR	0	0	501	145	25	3	2	0.00	1.33	0
CO4325	CO4336	8.08	182 3-	1/0ACSR	737	698	537	148	1005	44	20	0.03	1.25	49
CO4347	CO4325	8.16	1 1-	4ACSR	0	0	530	147	13	1	1	0.00	1.25	0
OC-2115784432	CO4347	8.16	0 1-	20 N FUSE	0	0	530	147	0	0	0	0.00	1.25	0
CO4326	CO4325	8.11	181 3-	1/0ACSR	734	695	535	148	991	44	19	0.02	1.27	36
CO4409	CO4326	8.17	3 1-	4ACSR	0	0	529	147	25	3	2	0.01	1.28	0
OC-1817989223	CO4409	8.17	2 1-	20 N FUSE	0	0	529	147	18	2	12	0.00	1.28	0
CO4410	OC-1817989223	8.19	2 1-	4ACSR	0	0	527	147	18	2	2	0.00	1.28	0
CO4411	CO4410	8.26	1 1-	4ACSR	0	0	521	147	3	0	0	0.00	1.28	0
CO4412	CO4411	8.30	0 1-	4ACSR	0	0	516	146	0	0	0	0.00	1.28	0
CO4387	CO4412	8.38	0 1-	4ACSR	0	0	509	146	0	0	0	0.00	1.28	0
CO4388	CO4387	8.44	0 1-	4ACSR	0	0	504	145	0	0	0	0.00	1.28	0
CO4362	CO4326	8.18	176 3-	1/0ACSR	728	689	531	148	932	41	18	0.04	1.31	66
CO4413	CO4362	8.23	176 3-	1/0ACSR	723	685	527	147	931	41	18	0.03	1.33	52
OC1464888768	CO4413	8.23	175 3-	20 N FUSE	723	685	527	147	929	41	208	0.00	1.33	0
CO4424	OC1464888768	8.33	175 3-	1/0ACSR	714	677	521	147	929	41	18	0.05	1.39	100
CO4425	CO4424	8.46	173 3-	1/0ACSR	703	666	513	146	925	41	18	0.07	1.46	129
CO4422	CO4425	8.65	170 3-	1/0ACSR	688	652	501	146	900	40	18	0.10	1.56	178
CO4423	CO4422	8.67	168 3-	1/0ACSR	686	651	500	146	896	40	18	0.01	1.57	17
CO4346	CO4423	8.74	2 1-	4ACSR	0	0	494	145	14	1	1	0.00	1.57	0
OC779965302	CO4346	8.74	0 1-	20 N FUSE	0	0	494	145	0	0	0	0.00	1.57	0
CO4345	CO4423	8.80	2 1-	4ACSR	0	0	489	145	6	0	1	0.00	1.57	0
OC-867957739	CO4345	8.80	0 1-	20 N FUSE	0	0	489	145	0	0	0	0.00	1.57	0
CO4414	CO4423	8.71	164 3-	1/0ACSR	683	648	498	145	876	39	17	0.02	1.59	35
CO4415	CO4414	8.75	163 3-	1/0ACSR	680	645	496	145	875	39	17	0.02	1.61	32
CO4344	CO4415	8.85	0 1-	4ACSR	0	0	486	144	0	0	0	0.00	1.61	0
OC336125309	CO4344	8.85	0 1-	20 N FUSE	0	0	486	144	0	0	0	0.00	1.61	0
CO4439	CO4415	8.76	161 3-	1/0ACSR	680	644	495	145	858	38	17	0.00	1.61	8
CO4440	CO4439	8.82	160 3-	1/0ACSR	674	639	491	145	846	38	17	0.03	1.64	55
CO4433	CO4440	8.94	5 1-	4ACSR	0	0	481	144	15	2	2	0.01	1.65	0
OC-458485134	CO4433	8.94	2 1-	20 N FUSE	0	0	481	144	6	0	4	0.00	1.65	0
CO4434	OC-458485134	9.06	2 1-	4ACSR	0	0	472	143	6	0	1	0.00	1.65	0
CO4416	CO4440	8.86	154 3-	1/0ACSR	671	637	489	145	823	37	16	0.02	1.66	30
CO4417	CO4416	8.89	151 3-	1/0ACSR	669	635	488	145	811	36	16	0.01	1.67	22

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO494638815	CO4417	8.99	147 3-	2ACSR	660	626	481	144	777	35	20	0.07	1.74	107
CO-375668686	CO494638815	9.02	140 3-	2ACSR	658	624	479	144	737	33	19	0.02	1.76	31
CO4395	CO-375668686	9.06	140 3-	1/0ACSR	654	621	477	144	737	33	15	0.02	1.78	31
CO4431	CO4395	9.14	139 3-	1/0ACSR	648	615	473	143	729	33	14	0.03	1.81	49
CO4432	CO4431	9.20	138 3-	1/0ACSR	644	611	469	143	726	33	14	0.02	1.83	38
NEWCAP-F9506E6C	CO4432	9.20	0 3-	Capacitor	644	611	469	143	0	-14	0	0.00	1.83	0
CO4396	CO4432	9.31	137 3-	1/0ACSR	637	604	464	143	716	32	14	0.06	1.89	65
CO4327	CO4396	9.47	128 3-	1/0ACSR	626	594	456	142	644	29	13	0.08	1.98	81
CO4343	CO4327	9.60	2 1-	4ACSR	0	0	446	141	12	1	1	0.01	1.98	0
OC2094062241	CO4343	9.60	0 1-	20 N FUSE	0	0	446	141	0	0	0	0.00	1.98	0
CO4328	CO4327	9.51	126 3-	1/0ACSR	623	592	454	142	632	29	13	0.02	2.00	21
CO4329	CO4328	9.64	123 3-	1/0ACSR	615	584	448	142	602	27	12	0.06	2.06	54
CO4398	CO4329	9.69	113 3-	1/0ACSR	612	581	445	141	544	25	11	0.02	2.08	18
CO4399	CO4398	9.70	112 3-	1/0ACSR	611	580	445	141	535	24	11	0.01	2.09	5
CO4400	CO4399	9.72	111 3-	1/0ACSR	610	579	444	141	520	23	10	0.01	2.09	5
CO4401	CO4400	9.84	110 3-	1/0ACSR	602	572	439	141	514	23	10	0.05	2.14	38
CO4331	CO4401	9.93	107 3-	1/0ACSR	597	567	434	140	501	23	10	0.04	2.18	29
CO4332	CO4331	10.06	34 3-	1/0ACSR	589	559	429	140	192	8	4	0.02	2.20	6
CO4437	CO4332	10.07	32 1-	6ACWC	0	0	428	140	185	25	18	0.01	2.21	2
CO4438	CO4437	10.15	32 1-	6ACWC	0	0	423	139	185	25	18	0.09	2.30	25
CO4402	CO4438	10.38	28 1-	6ACWC	0	0	408	138	167	23	16	0.24	2.54	65
CO4350	CO4402	10.48	1 1-	6ACWC	0	0	403	137	10	1	1	0.00	2.54	0
CO4333	CO4402	10.48	26 1-	6ACWC	0	0	403	137	153	21	15	0.09	2.63	22
CO4349	CO4333	10.53	0 1-	6ACWC	0	0	400	137	0	0	0	0.00	2.63	0
CO4334	CO4333	10.55	21 1-	6ACWC	0	0	398	136	134	18	13	0.06	2.69	14
OC613148818	CO4334	10.55	21 1-	35 H OCR	0	0	398	136	134	18	53	0.00	2.69	0
CO8294	OC613148818	10.76	19 1-	6ACWC	0	0	387	135	120	16	12	0.15	2.85	29
CO4478	CO8294	10.80	18 1-	6ACWC	0	0	384	135	117	16	12	0.03	2.88	7
CO4479	CO4478	10.95	14 1-	6ACWC	0	0	376	134	94	13	9	0.09	2.97	14
CO4570	CO4479	11.07	1 1-	4ACSR	0	0	370	133	4	0	0	0.00	2.97	0
CO4571	CO4570	11.21	0 1-	4ACSR	0	0	363	132	0	0	0	0.00	2.97	0
CO4554	CO4571	11.29	0 1-	4ACSR	0	0	360	131	0	0	0	0.00	2.97	0
CO4488	CO4479	11.01	1 1-	4ACSR	0	0	373	133	5	0	0	0.00	2.97	0
CO4480	CO4479	11.16	12 1-	6ACWC	0	0	366	132	85	11	8	0.11	3.08	15
CO4481	CO4480	11.32	9 1-	6ACWC	0	0	358	131	46	6	5	0.05	3.13	3
CO4487	CO4481	11.44	1 1-	4ACSR	0	0	353	130	10	1	1	0.00	3.13	0
CO4482	CO4481	11.43	8 1-	6ACWC	0	0	353	130	37	5	4	0.02	3.15	0
CO4495	CO4482	11.60	7 1-	6ACWC	0	0	345	129	32	4	3	0.03	3.19	0
CO4496	CO4495	11.69	7 1-	6ACWC	0	0	341	129	32	4	3	0.02	3.20	0
CO4497	CO4496	11.81	7 1-	6ACWC	0	0	336	128	32	4	3	0.02	3.22	0
CO4572	CO4497	11.84	4 1-	6ACWC	0	0	335	128	24	3	2	0.00	3.23	0
CO4573	CO4572	11.87	3 1-	6ACWC	0	0	334	128	15	2	1	0.00	3.23	0
CO4531	CO4573	12.01	3 1-	6ACWC	0	0	328	127	15	2	1	0.01	3.24	0
CO4532	CO4531	12.27	3 1-	6ACWC	0	0	318	125	15	2	1	0.02	3.27	0
CO4533	CO4532	12.56	3 1-	6ACWC	0	0	307	123	15	2	1	0.03	3.30	0
OC312197829	CO4533	12.56	3 1-	20 N FUSE	0	0	307	123	15	2	10	0.00	3.30	0
CO4534	OC312197829	12.92	3 1-	6ACWC	0	0	295	121	15	2	1	0.03	3.33	0
CO4563	CO4534	13.07	1 1-	6ACWC	0	0	290	120	7	0	1	0.01	3.34	0
CO4568	CO4563	13.17	1 1-	6ACWC	0	0	287	120	7	0	1	0.00	3.34	0
CO4569	CO4568	13.22	1 1-	6ACWC	0	0	285	120	7	0	1	0.00	3.34	0
CO4502	CO4569	13.24	0 1-	6ACWC	0	0	285	120	0	0	0	0.00	3.34	0
CO4596	CO4502	13.24	0 1-	4ACSR	0	0	285	119	0	0	0	0.00	3.34	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OH174	CO4569	13.26	0 1-	#2 ACSR 7/1	0	0	284	119	0	0	0	0.00	3.34	0
SW173-B	OH174	13.26	0 1-	Open	0	0	284	119	0	0	0	0.00	3.34	0
CO4498	CO4534	12.99	2 1-	4ACSR	0	0	292	121	8	1	1	0.00	3.33	0
CO4499	CO4498	13.14	2 1-	4ACSR	0	0	288	120	8	1	1	0.01	3.34	0
CO4500	CO4499	13.22	2 1-	4ACSR	0	0	285	120	8	1	1	0.00	3.35	0
CO4501	CO4500	13.38	2 1-	4ACSR	0	0	280	119	8	1	1	0.00	3.35	0
CO4591	CO4497	11.81	2 1-	2ACSR	0	0	336	128	0	0	0	0.00	3.22	0
OC126	CO4591	11.81	2 1-	10 N FUSE	0	0	336	128	0	0	0	0.00	3.22	0
CO4592	OC126	11.96	2 1-	2ACSR	0	0	331	127	0	0	0	0.00	3.22	0
CO4535	CO4592	12.03	1 1-	2ACSR	0	0	329	127	0	0	0	0.00	3.22	0
CO4536	CO4535	12.16	1 1-	2ACSR	0	0	325	126	0	0	0	0.00	3.22	0
CO4537	CO4536	12.19	1 1-	2ACSR	0	0	324	126	0	0	0	0.00	3.22	0
OC169007061	CO4537	12.19	1 1-	20 N FUSE	0	0	324	126	0	0	0	0.00	3.22	0
CO4538	OC169007061	12.25	1 1-	2ACSR	0	0	322	126	0	0	0	0.00	3.22	0
CO4539	CO4538	12.37	1 1-	2ACSR	0	0	319	125	0	0	0	0.00	3.22	0
CO4540	CO4539	12.55	1 1-	2ACSR	0	0	313	125	0	0	0	0.00	3.23	0
CO4541	CO4540	12.64	1 1-	2ACSR	0	0	311	124	0	0	0	0.00	3.23	0
CO4542	CO4541	12.71	1 1-	2ACSR	0	0	309	124	0	0	0	0.00	3.23	0
CO4543	CO4542	12.77	1 1-	2ACSR	0	0	307	124	0	0	0	0.00	3.23	0
CO4604	CO4543	13.03	1 1-	2ACSR	0	0	300	123	0	0	0	0.00	3.23	0
CO4544	CO4604	13.09	1 1-	2ACSR	0	0	298	122	0	0	0	0.00	3.23	0
CO4545	CO4544	13.22	1 1-	2ACSR	0	0	295	122	0	0	0	0.00	3.23	0
CO4546	CO4545	13.28	1 1-	2ACSR	0	0	294	122	0	0	0	0.00	3.23	0
CO4547	CO4546	13.35	1 1-	2ACSR	0	0	292	121	0	0	0	0.00	3.23	0
CO4548	CO4547	13.39	1 1-	2ACSR	0	0	291	121	0	0	0	0.00	3.23	0
CO4549	CO4548	13.42	1 1-	2ACSR	0	0	290	121	0	0	0	0.00	3.23	0
CO4550	CO4549	13.48	1 1-	2ACSR	0	0	289	121	0	0	0	0.00	3.23	0
CO4551	CO4550	13.57	1 1-	2ACSR	0	0	286	120	0	0	0	0.00	3.23	0
CO4486	CO4482	11.54	1 1-	4ACSR	0	0	348	130	5	0	0	0.00	3.15	0
CO4589	CO4480	11.26	3 1-	4ACSR	0	0	361	131	39	5	4	0.02	3.10	0
CO4590	CO4589	11.30	2 1-	4ACSR	0	0	359	131	32	4	3	0.01	3.11	0
CO4552	CO4590	11.33	1 1-	4ACSR	0	0	358	131	16	2	2	0.00	3.11	0
CO4553	CO4552	11.39	1 1-	4ACSR	0	0	355	131	16	2	2	0.00	3.11	0
CO4599	CO4478	10.91	4 1-	4ACSR	0	0	379	134	22	3	2	0.01	2.89	0
CO4489	CO4599	11.00	1 1-	4ACSR	0	0	374	133	8	1	1	0.00	2.90	0
CO4600	CO4599	10.96	3 1-	4ACSR	0	0	376	134	15	2	1	0.00	2.90	0
CO4555	CO4600	11.00	2 1-	4ACSR	0	0	374	133	12	1	1	0.00	2.90	0
CO4603	CO8294	10.94	1 1-	6ACWC	0	0	377	134	4	0	0	0.00	2.85	0
CO4443	OC613148818	10.61	2 1-	6ACWC	0	0	395	136	14	1	1	0.00	2.70	0
CO4348	CO4443	10.68	0 1-	6ACWC	0	0	391	135	0	0	0	0.00	2.70	0
CO8296	CO4443	10.75	1 1-	6ACWC	0	0	387	135	4	0	0	0.00	2.70	0
CO4363	OC613148818	10.91	0 1-	6ACWC	0	0	378	134	0	0	0	0.00	2.69	0
CO4364	CO4363	10.99	0 1-	6ACWC	0	0	374	133	0	0	0	0.00	2.69	0
CO4403	CO4333	10.57	3 1-	6ACWC	0	0	397	136	15	2	1	0.01	2.64	0
CO4404	CO4403	10.61	1 1-	6ACWC	0	0	395	136	10	1	1	0.00	2.64	0
CO4389	CO4404	10.63	1 1-	6ACWC	0	0	394	136	10	1	1	0.00	2.64	0
CO4390	CO4389	10.71	1 1-	6ACWC	0	0	389	135	10	1	1	0.00	2.64	0
CO4351	CO4332	10.10	2 1-	6ACWC	0	0	426	140	7	1	1	0.00	2.20	0
CO-1905230741	CO4331	10.03	1 3-	1/0ACSR	590	561	430	140	12	0	0	0.00	2.18	0
CO4435	CO4331	9.94	72 1-	4ACSR	0	0	434	140	297	40	29	0.01	2.20	6
OC124	CO4435	9.94	72 1-	35 H OCR	0	0	434	140	297	40	117	0.00	2.20	0
CO4436	OC124	10.04	72 1-	4ACSR	0	0	427	140	297	40	29	0.20	2.40	96

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4335	CO4436	10.21	72 1-	4ACSR	0	0	416	138	296	40	29	0.31	2.71	149
CO4365	CO4335	10.42	71 1-	4ACSR	0	0	403	137	289	40	29	0.38	3.08	174
CO4366	CO4365	10.45	70 1-	4ACSR	0	0	401	137	278	38	28	0.06	3.14	27
CO8295	CO4366	10.50	68 1-	4ACSR	0	0	398	136	274	38	27	0.09	3.23	40
CO4575	CO8295	10.58	67 1-	4ACSR	0	0	393	136	267	37	27	0.14	3.37	59
CO4490	CO4575	10.66	1 1-	4ACSR	0	0	389	135	14	1	1	0.00	3.37	0
CO4576	CO4575	10.88	66 1-	4ACSR	0	0	377	134	253	35	25	0.45	3.82	182
CO4577	CO4576	10.98	63 1-	4ACSR	0	0	372	133	232	32	23	0.14	3.97	53
CO4578	CO4577	11.04	60 1-	4ACSR	0	0	369	132	218	30	22	0.08	4.05	29
CO4559	CO4578	11.13	2 1-	4ACSR	0	0	364	132	13	1	1	0.01	4.06	0
CO4560	CO4559	11.19	2 1-	4ACSR	0	0	362	131	13	1	1	0.00	4.06	0
CO4597	CO4578	11.13	3 1-	4ACSR	0	0	364	132	14	2	1	0.01	4.06	0
CO4494	CO4597	11.16	1 1-	4ACSR	0	0	363	132	10	1	1	0.00	4.06	0
CO4598	CO4597	11.16	1 1-	4ACSR	0	0	363	132	4	0	0	0.00	4.06	0
CO4579	CO4578	11.16	54 1-	4ACSR	0	0	363	132	180	25	18	0.14	4.19	41
CO4580	CO4579	11.21	53 1-	4ACSR	0	0	360	131	179	25	18	0.06	4.25	17
CO4581	CO4580	11.27	51 1-	4ACSR	0	0	357	131	165	23	17	0.06	4.31	17
CO4493	CO4581	11.34	0 1-	4ACSR	0	0	354	130	0	0	0	0.00	4.31	0
CO4485	CO4581	11.44	50 1-	4ACSR	0	0	349	130	164	23	16	0.18	4.49	48
CO4492	CO4485	11.50	2 1-	4ACSR	0	0	347	129	13	1	1	0.00	4.50	0
CO4587	CO4485	11.49	48 1-	4ACSR	0	0	348	129	151	21	15	0.04	4.53	10
CO4588	CO4587	11.52	48 1-	4ACSR	0	0	346	129	151	21	15	0.03	4.57	8
CO4564	CO4588	11.57	3 1-	4ACSR	0	0	344	129	10	1	1	0.00	4.57	0
CO4565	CO4564	11.69	2 1-	4ACSR	0	0	339	128	8	1	1	0.00	4.57	0
CO4484	CO4588	11.63	44 1-	4ACSR	0	0	341	129	133	18	13	0.09	4.66	20
CO4557	CO4484	11.66	1 1-	4ACSR	0	0	340	128	6	0	1	0.00	4.66	0
CO4558	CO4557	11.72	1 1-	4ACSR	0	0	337	128	6	0	1	0.00	4.66	0
CO4582	CO4484	11.67	42 1-	4ACSR	0	0	339	128	126	17	13	0.03	4.69	7
CO4583	CO4582	11.70	41 1-	4ACSR	0	0	338	128	119	16	12	0.03	4.71	5
CO4584	CO4583	11.81	39 1-	4ACSR	0	0	333	127	109	15	11	0.07	4.79	13
CO4585	CO4584	11.85	36 1-	4ACSR	0	0	332	127	98	13	10	0.02	4.81	4
CO4586	CO4585	11.99	36 1-	4ACSR	0	0	326	126	98	13	10	0.09	4.90	14
OC-1157202379	CO4586	11.99	36 1-	20 N FUSE	0	0	326	126	98	13	69	0.00	4.90	0
CO4556	OC-1157202379	12.08	2 1-	4ACSR	0	0	323	126	19	2	2	0.01	4.91	0
CO4574	CO4556	12.14	2 1-	4ACSR	0	0	320	125	19	2	2	0.01	4.92	0
CO4601	CO4574	12.16	1 1-	4ACSR	0	0	319	125	9	1	1	0.00	4.92	0
CO4491	CO4601	12.21	1 1-	4ACSR	0	0	317	125	9	1	1	0.00	4.92	0
CO4602	CO4601	12.25	0 1-	4ACSR	0	0	316	125	0	0	0	0.00	4.92	0
CO4483	OC-1157202379	12.11	34 1-	4ACSR	0	0	321	126	78	11	8	0.06	4.96	8
CO4527	CO4483	12.38	2 1-	4ACSR	0	0	311	124	3	0	0	0.01	4.97	0
CO4528	CO4527	12.51	2 1-	2ACSR	0	0	307	123	3	0	0	0.00	4.97	0
CO-1821014386	CO4528	12.64	2 1-	2ACSR	0	0	304	123	3	0	0	0.00	4.97	0
CO4529	CO-1821014386	12.68	2 1-	4ACSR	0	0	302	123	3	0	0	0.00	4.97	0
CO4561	CO4529	12.74	0 1-	4ACSR	0	0	300	122	0	0	0	0.00	4.97	0
CO4562	CO4561	12.78	0 1-	4ACSR	0	0	299	122	0	0	0	0.00	4.97	0
CO4530	CO4529	12.94	2 1-	4ACSR	0	0	294	121	3	0	0	0.01	4.98	0
CO8298	CO4530	13.03	2 1-	4ACSR	0	0	291	121	3	0	0	0.00	4.98	0
CO512095037	CO4528	12.58	0 1-	2ACSR	0	0	305	123	0	0	0	0.00	4.97	0
CO4593	CO4483	12.12	32 1-	4ACSR	0	0	321	126	75	10	8	0.00	4.96	0
OC127	CO4593	12.12	32 1-	15 H OCR	0	0	321	126	75	10	71	0.00	4.96	0
CO4594	OC127	12.41	32 1-	4ACSR	0	0	310	124	75	10	8	0.14	5.11	18
CO4503	CO4594	12.55	32 1-	4ACSR	0	0	305	123	75	10	8	0.07	5.17	8

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4504	CO4503	12.70	31 1-	4ACSR	0	0	299	122	75	10	8	0.07	5.25	9
CO4505	CO4504	12.74	31 1-	4ACSR	0	0	298	122	75	10	8	0.02	5.26	0
CO4506	CO4505	12.82	29 1-	4ACSR	0	0	296	121	67	9	7	0.04	5.30	4
CO4507	CO4506	12.86	26 1-	4ACSR	0	0	294	121	66	9	7	0.02	5.32	0
OC-764681469	CO4507	12.86	23 1-	20 N FUSE	0	0	294	121	65	9	46	0.00	5.32	0
CO4508	OC-764681469	12.99	23 1-	4ACSR	0	0	290	120	65	9	7	0.05	5.37	6
CO4509	CO4508	13.06	23 1-	4ACSR	0	0	288	120	65	9	7	0.03	5.40	3
CO4510	CO4509	13.11	20 1-	4ACSR	0	0	286	120	62	8	6	0.02	5.42	0
CO4511	CO4510	13.19	16 1-	4ACSR	0	0	284	119	50	7	5	0.03	5.44	2
CO4512	CO4511	13.24	16 1-	4ACSR	0	0	282	119	50	7	5	0.02	5.46	0
CO4513	CO4512	13.31	16 1-	4ACSR	0	0	280	119	50	7	5	0.02	5.48	0
CO4514	CO4513	13.36	16 1-	4ACSR	0	0	279	118	50	7	5	0.02	5.50	0
CO4515	CO4514	13.39	12 1-	4ACSR	0	0	278	118	41	5	4	0.01	5.51	0
CO4516	CO4515	13.45	10 1-	4ACSR	0	0	276	118	41	5	4	0.01	5.52	0
CO4517	CO4516	13.51	7 1-	4ACSR	0	0	274	117	30	4	3	0.01	5.53	0
CO4518	CO4517	13.59	6 1-	4ACSR	0	0	272	117	22	3	2	0.01	5.54	0
OC1845852516	CO4518	13.59	6 1-	20 N FUSE	0	0	272	117	22	3	16	0.00	5.54	0
CO4519	OC1845852516	13.62	6 1-	4ACSR	0	0	271	117	22	3	2	0.01	5.55	0
CO4566	CO4519	13.68	5 1-	4ACSR	0	0	269	117	22	3	2	0.01	5.55	0
CO4567	CO4566	13.74	4 1-	4ACSR	0	0	268	116	16	2	2	0.01	5.56	0
CO4520	CO4567	13.83	4 1-	4ACSR	0	0	265	116	16	2	2	0.01	5.57	0
CO4521	CO4520	13.85	4 1-	4ACSR	0	0	264	116	16	2	2	0.00	5.57	0
CO4522	CO4521	13.87	4 1-	4ACSR	0	0	264	116	16	2	2	0.00	5.57	0
CO4523	CO4522	13.90	2 1-	4ACSR	0	0	263	115	4	0	0	0.00	5.57	0
CO4391	CO4366	10.51	2 1-	4ACSR	0	0	398	136	5	0	0	0.00	3.14	0
CO4392	CO4391	10.57	1 1-	4ACSR	0	0	394	136	0	0	0	0.00	3.14	0
CO4393	CO4392	10.65	1 1-	4ACSR	0	0	390	135	0	0	0	0.00	3.14	0
CO4354	CO4335	10.27	1 1-	4ACSR	0	0	412	138	7	0	1	0.00	2.71	0
CO4353	CO4436	10.16	0 1-	4ACSR	0	0	419	139	0	0	0	0.00	2.40	0
CO4352	CO4401	9.93	3 1-	4ACSR	0	0	432	140	13	1	1	0.00	2.15	0
OC-1746936887	CO4352	9.93	0 1-	20 N FUSE	0	0	432	140	0	0	0	0.00	2.15	0
CO4377	CO4329	9.68	6 1-	4ACSR	0	0	444	141	44	6	4	0.01	2.07	0
OC31976857	CO4377	9.68	6 1-	20 N FUSE	0	0	444	141	44	6	31	0.00	2.07	0
CO4446	OC31976857	9.79	6 1-	4ACSR	0	0	437	140	44	6	4	0.03	2.10	0
CO4447	CO4446	9.95	1 1-	4ACSR	0	0	426	139	5	0	0	0.00	2.10	0
CO4356	CO4446	9.86	2 1-	2ACSR	0	0	433	140	33	4	2	0.01	2.11	0
CO1466029035	CO4356	9.97	1 1-	2ACSR	0	0	427	139	20	2	2	0.00	2.11	0
CO4420	CO4328	9.52	3 1-	4ACSR	0	0	453	142	29	3	3	0.00	2.00	0
CO4421	CO4420	9.58	2 1-	4ACSR	0	0	449	142	14	1	1	0.00	2.01	0
OC-1450924865	CO4421	9.58	1 1-	20 N FUSE	0	0	449	142	8	1	5	0.00	2.01	0
CO4397	OC-1450924865	9.62	1 1-	4ACSR	0	0	445	141	8	1	1	0.00	2.01	0
CO4441	CO4396	9.43	6 1-	4ACSR	0	0	454	142	50	6	5	0.03	1.93	2
OC-660240121	CO4441	9.43	4 1-	20 N FUSE	0	0	454	142	35	4	24	0.00	1.93	0
CO4442	OC-660240121	9.49	1 1-	4ACSR	0	0	450	141	7	1	1	0.00	1.93	0
CO4378	OC-660240121	9.48	3 1-	4ACSR	0	0	451	141	27	3	3	0.01	1.93	0
CO4379	CO4378	9.49	2 1-	4ACSR	0	0	450	141	19	2	2	0.00	1.94	0
CO4380	CO4379	9.52	1 1-	4ACSR	0	0	448	141	12	1	1	0.00	1.94	0
CO-1900459246	CO494638815	9.03	7 1-	2ACSR	0	0	478	144	40	5	3	0.01	1.75	0
CO-1684421819	CO-1900459246	9.13	7 1-	2ACSR	0	0	472	143	40	5	3	0.02	1.77	0
CO1846261001	CO-1684421819	9.20	4 1-	2ACSR	0	0	467	143	25	3	2	0.01	1.77	0
CO-1437748257	CO1846261001	9.22	2 1-	2ACSR	0	0	466	143	12	1	1	0.00	1.77	0
CO751702014	CO-1437748257	9.26	2 1-	2ACSR	0	0	463	143	12	1	1	0.00	1.77	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1404978956	CO1846261001	9.23	0 1-	2ACSR	0	0	466	143	0	0	0	0.00	1.77	0
CO1200097610	CO-1684421819	9.18	2 1-	2ACSR	0	0	468	143	10	1	1	0.00	1.77	0
CO4418	CO4417	8.96	4 1-	4ACSR	0	0	481	144	33	4	3	0.01	1.69	0
OC236072092	CO4418	8.96	3 1-	20 N FUSE	0	0	481	144	23	3	16	0.00	1.69	0
CO4419	OC236072092	9.03	3 1-	4ACSR	0	0	476	144	23	3	2	0.01	1.69	0
CO4381	CO4419	9.11	1 1-	4ACSR	0	0	470	143	10	1	1	0.00	1.70	0
CO4382	CO4381	9.16	1 1-	4ACSR	0	0	466	143	10	1	1	0.00	1.70	0
CO4357	CO4439	8.80	1 1-	2ACSR	0	0	492	145	12	1	1	0.00	1.61	0
CO4383	CO4425	8.56	2 1-	4ACSR	0	0	504	146	18	2	2	0.01	1.47	0
OC1813283980	CO4383	8.56	1 1-	20 N FUSE	0	0	504	146	14	1	10	0.00	1.47	0
CO4384	OC1813283980	8.59	1 1-	4ACSR	0	0	501	145	14	1	1	0.00	1.47	0
CO4385	CO4384	8.68	1 1-	4ACSR	0	0	493	145	14	1	1	0.01	1.48	0
CO4386	CO4385	8.76	1 1-	4ACSR	0	0	486	144	14	1	1	0.00	1.48	0
CO4355	CO4408	8.03	1 1-	4ACSR	0	0	539	148	0	0	0	0.00	1.18	0
OC-444326218	CO4355	8.03	0 1-	20 N FUSE	0	0	539	148	0	0	0	0.00	1.18	0
CO4295	CO4294	7.58	19 1-	4ACSR	0	0	572	150	140	19	14	0.04	0.91	8
OC-1517529088	CO4295	7.58	13 1-	20 N FUSE	0	0	572	150	118	16	81	0.00	0.91	0
CO4296	OC-1517529088	7.63	13 1-	4ACSR	0	0	566	149	118	16	12	0.03	0.95	6
CO4156	CO4296	7.67	1 1-	4ACSR	0	0	561	149	6	0	1	0.00	0.95	0
CO4297	CO4296	7.64	11 1-	4ACSR	0	0	565	149	99	13	10	0.01	0.95	0
CO4298	CO4297	7.68	11 1-	4ACSR	0	0	560	149	99	13	10	0.03	0.98	4
CO4299	CO4298	7.71	10 1-	4ACSR	0	0	557	149	91	12	9	0.02	0.99	2
CO4300	CO4299	7.75	9 1-	4ACSR	0	0	552	148	85	11	8	0.02	1.02	3
CO4157	CO4300	7.79	0 1-	4ACSR	0	0	548	148	0	0	0	0.00	1.02	0
CO4303	CO4300	7.80	7 1-	4ACSR	0	0	547	148	67	9	7	0.02	1.03	0
CO4304	CO4303	7.82	6 1-	4ACSR	0	0	545	148	57	7	6	0.01	1.04	0
CO4305	CO4304	7.86	3 1-	4ACSR	0	0	540	147	33	4	3	0.01	1.05	0
CO4307	CO4305	7.88	2 1-	4ACSR	0	0	539	147	21	2	2	0.00	1.05	0
CO4308	CO4307	8.00	1 1-	4ACSR	0	0	526	146	8	1	1	0.01	1.06	0
CO4309	CO4308	8.05	1 1-	1/0PRIURD	0	0	524	282	8	1	1	0.00	1.06	0
CO4306	CO4305	7.90	1 1-	4ACSR	0	0	536	147	13	1	1	0.00	1.05	0
CO4301	CO4300	7.82	2 1-	4ACSR	0	0	545	148	18	2	2	0.01	1.02	0
CO4302	CO4301	7.84	1 1-	4ACSR	0	0	542	148	12	1	1	0.00	1.02	0
CO4290	CO4287	7.45	4 1-	4ACSR	0	0	583	150	32	4	3	0.01	0.78	0
OC-1431406022	CO4290	7.45	4 1-	20 N FUSE	0	0	583	150	32	4	22	0.00	0.78	0
CO4291	OC-1431406022	7.49	4 1-	4ACSR	0	0	578	150	32	4	3	0.01	0.78	0
CO4292	CO4291	7.52	2 1-	4ACSR	0	0	574	150	12	1	1	0.00	0.79	0
CO4288	CO4287	7.47	2 1-	4ACSR	0	0	581	150	34	4	3	0.01	0.78	0
OC-31436712	CO4288	7.47	1 1-	20 N FUSE	0	0	581	150	21	2	15	0.00	0.78	0
CO4289	OC-31436712	7.54	1 1-	4ACSR	0	0	571	150	21	2	2	0.01	0.79	0
CO4279	CO8279	7.30	4 1-	4ACSR	0	0	593	151	30	4	3	0.01	0.60	0
OC-1249878219	CO4279	7.30	4 1-	20 N FUSE	0	0	593	151	30	4	20	0.00	0.60	0
CO4280	OC-1249878219	7.31	4 1-	4ACSR	0	0	592	151	30	4	3	0.00	0.60	0
CO4282	CO4280	7.33	1 1-	4ACSR	0	0	589	151	6	0	1	0.00	0.60	0
CO4283	CO4282	7.36	1 1-	4ACSR	0	0	586	150	6	0	1	0.00	0.60	0
CO4281	CO4280	7.38	1 1-	4ACSR	0	0	584	150	9	1	1	0.00	0.60	0
CO4161	CO4280	7.34	2 1-	4ACSR	0	0	588	151	15	2	1	0.00	0.60	0
CO1757185684	CO4161	7.37	0 1-	2ACSR	0	0	585	150	0	0	0	0.00	0.60	0
CO4106	CO4116	7.26	0 1-	4ACSR	0	0	595	151	0	0	0	0.00	0.52	0
OC-1182290148	CO4106	7.26	0 1-	20 N FUSE	0	0	595	151	0	0	0	0.00	0.52	0
CO4104	CO-820349632	7.32	7 3-	1/0ACSR	813	769	594	151	133	6	3	0.04	0.37	7
CO4112	CO4104	7.40	5 3-	1/0ACSR	805	762	588	151	126	5	2	0.01	0.38	0

Substation Power Factor: 0.98
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4113	CO4112	7.50	4 3-	1/0ACSR	795	752	580	150	121	5	2	0.01	0.39	0
CO4114	CO4113	7.51	3 1-	4ACSR	0	0	578	150	13	1	1	0.00	0.39	0
OC202305328	CO4114	7.51	3 1-	20 N FUSE	0	0	578	150	13	1	9	0.00	0.39	0
CO8282	OC202305328	7.70	3 1-	4ACSR	0	0	556	149	13	1	1	0.01	0.40	0
CO4320	CO8282	7.75	0 1-	4ACSR	0	0	551	148	0	0	0	0.00	0.40	0
CO4321	CO4320	7.77	0 1-	4ACSR	0	0	549	148	0	0	0	0.00	0.40	0
CO4319	CO8282	7.77	0 1-	4ACSR	0	0	549	148	0	0	0	0.00	0.40	0
CO4103	CO4113	7.63	1 3-	1/0ACSR	781	739	570	150	108	4	2	0.01	0.39	0
CO4110	CO4104	7.39	2 1-	4ACSR	0	0	585	150	7	0	1	0.00	0.37	0
OC1574741082	CO4110	7.39	1 1-	20 N FUSE	0	0	585	150	0	0	0	0.00	0.37	0
CO4111	OC1574741082	7.43	1 1-	4ACSR	0	0	581	150	0	0	0	0.00	0.37	0
CO4107	CO4111	7.50	1 1-	4ACSR	0	0	573	150	0	0	0	0.00	0.37	0
CO-1789353622	CO4109	7.01	1 1-	2ACSR	0	0	621	152	4	0	0	0.00	0.29	0
CO4105	CO8280	6.95	2 1-	4ACSR	0	0	623	152	7	0	1	0.00	0.08	0
OC-1818991667	CO4105	6.95	0 1-	20 N FUSE	0	0	623	152	0	0	0	0.00	0.08	0
CO4275	REG353	6.85	1 1-	2ACSR	0	0	635	153	0	0	0	0.00	0.00	0
OC2065167057	CO4275	6.85	1 1-	20 N FUSE	0	0	635	153	0	0	0	0.00	0.00	0
CO4276	OC2065167057	6.89	1 1-	2ACSR	0	0	631	153	0	0	0	0.00	0.00	0
CO4267	CO4266	5.81	3 3-	1/0AAAC	1029	970	755	158	79	3	1	0.00	4.21	0
OC-229135211	CO4267	5.81	2 3-	20 N FUSE	1029	970	755	158	67	3	16	0.00	4.21	0
CO4268	OC-229135211	5.85	2 3-	1/0AAAC	1023	964	750	158	67	3	1	0.00	4.21	0
CO500536222	CO4268	5.86	0 3-	1/0AAAC	1022	963	749	158	0	0	0	0.00	4.21	0
CO4144	CO4267	5.89	1 1-	4ACSR	0	0	740	157	13	1	1	0.00	4.21	0
CO4162	CO4265	5.77	0 1-	2ACSR	0	0	758	158	0	0	0	0.00	4.13	0
OC1358967252	CO4162	5.77	0 1-	20 N FUSE	0	0	758	158	0	0	0	0.00	4.13	0
CO4261	CO4128	5.76	4 1-	4ACSR	0	0	755	158	12	1	1	0.01	4.11	0
OC-930178306	CO4261	5.76	4 1-	20 N FUSE	0	0	755	158	12	1	9	0.00	4.11	0
CO4262	OC-930178306	5.79	3 1-	4ACSR	0	0	750	157	4	0	0	0.00	4.11	0
CO4263	CO4262	5.84	2 1-	4ACSR	0	0	740	157	4	0	0	0.00	4.11	0
CO4264	CO4263	5.89	2 1-	4ACSR	0	0	731	156	4	0	0	0.00	4.11	0
CO4163	OC-930178306	5.81	1 1-	2ACSR	0	0	748	157	9	1	1	0.00	4.11	0
CO4257	CO4127	5.75	3 1-	4ACSR	0	0	755	158	11	1	1	0.01	4.04	0
OC353142057	CO4257	5.75	3 1-	20 N FUSE	0	0	755	158	11	1	8	0.00	4.04	0
CO4258	OC353142057	5.85	3 1-	4ACSR	0	0	736	157	11	1	1	0.01	4.05	0
CO4259	CO4258	5.91	2 1-	4ACSR	0	0	723	156	5	0	1	0.00	4.05	0
CO4260	CO4259	5.98	2 1-	4ACSR	0	0	711	155	5	0	1	0.00	4.05	0
CO4255	CO4125	5.61	1 1-	4ACSR	0	0	779	158	10	1	1	0.00	3.93	0
OC-599322937	CO4255	5.61	1 1-	20 N FUSE	0	0	779	158	10	1	7	0.00	3.93	0
CO4256	OC-599322937	5.63	1 1-	4ACSR	0	0	775	158	10	1	1	0.00	3.94	0
CO4251	CO4250	5.42	1 1-	2ACSR	0	0	808	159	3	0	0	0.00	3.61	0
OC-1076728243	CO4251	5.42	0 1-	20 N FUSE	0	0	808	159	0	0	0	0.00	3.61	0
CO4252	OC-1076728243	5.47	0 1-	2ACSR	0	0	799	159	0	0	0	0.00	3.61	0
CO4247	OC1151736273	4.98	0 3-	1/0ACSR	1199	1127	883	162	0	-14	6	0.00	3.11	0
CA56	CO4247	4.98	0 3-	Capacitor	1199	1127	883	162	0	-14	0	0.00	3.11	0
CO4150	CO4123	5.03	1 1-	4ACSR	0	0	869	161	19	2	2	0.00	3.12	0
OC985772819	CO4150	5.03	0 1-	20 N FUSE	0	0	869	161	0	0	0	0.00	3.12	0
CO4151	CO4121	4.98	3 1-	4ACSR	0	0	878	161	6	0	1	0.00	3.03	0
OC-36048594	CO4151	4.98	0 1-	20 N FUSE	0	0	878	161	0	0	0	0.00	3.03	0
CO4242	CO4120	4.90	3 1-	4ACSR	0	0	896	162	19	2	2	0.00	2.99	0
OC-966005954	CO4242	4.90	2 1-	20 N FUSE	0	0	896	162	12	1	8	0.00	2.99	0
CO4243	OC-966005954	4.93	2 1-	4ACSR	0	0	887	162	12	1	1	0.00	2.99	0
CO4244	CO4243	4.99	1 1-	4ACSR	0	0	872	161	5	0	1	0.00	2.99	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4245	CO4244	5.13	0 1-	4ACSR	0	0	836	160	0	0	0	0.00	2.99	0
CO4246	CO4245	5.39	0 1-	4ACSR	0	0	775	157	0	0	0	0.00	2.99	0
CO4160	CO4203	4.79	1 1-	2ACSR	0	0	918	162	10	1	1	0.00	2.83	0
OC-1839026344	CO4160	4.79	0 1-	20 N FUSE	0	0	918	162	0	0	0	0.00	2.83	0
CO4196	CO4195	4.70	9 1-	4ACSR	0	0	934	163	53	7	5	0.01	2.75	0
OC1750937980	CO4196	4.70	8 1-	20 N FUSE	0	0	934	163	50	6	35	0.00	2.75	0
CO4197	OC1750937980	4.77	8 1-	4ACSR	0	0	914	162	50	6	5	0.02	2.77	0
CO4198	CO4197	4.82	8 1-	4ACSR	0	0	901	162	50	6	5	0.01	2.78	0
CO4199	CO4198	4.87	6 1-	4ACSR	0	0	885	161	36	4	4	0.01	2.79	0
CO4200	CO4199	4.96	6 1-	4ACSR	0	0	861	160	36	4	4	0.02	2.81	0
CO4201	CO4200	5.03	4 1-	4ACSR	0	0	846	160	30	4	3	0.01	2.82	0
CO4202	CO4201	5.08	3 1-	4ACSR	0	0	831	159	16	2	2	0.00	2.83	0
CO4158	CO4202	5.15	1 1-	4ACSR	0	0	814	158	0	0	0	0.00	2.83	0
CO4138	CO4202	5.14	1 1-	4ACSR	0	0	817	159	4	0	0	0.00	2.83	0
CO4165	CO8228	4.43	1 1-	2ACSR	0	0	994	164	0	0	0	0.00	2.27	0
OC1473889093	CO4165	4.43	0 1-	20 N FUSE	0	0	994	164	0	0	0	0.00	2.27	0
CO902	CO459953315	4.45	0 1-	4ACSR	0	0	981	164	0	0	0	0.00	2.27	0
OC985335225	CO902	4.45	0 1-	20 N FUSE	0	0	981	164	0	0	0	0.00	2.27	0
CO901	CO1041	4.14	1 1-	4ACSR	0	0	1068	166	26	3	3	0.01	1.60	0
OC1230779769	CO901	4.14	0 1-	20 N FUSE	0	0	1068	166	0	0	0	0.00	1.60	0
CO905	CO847	4.01	1 1-	4ACSR	0	0	1104	166	12	1	1	0.00	1.41	0
CO897	CO845	3.50	0 1-	4ACSR	0	0	1261	168	0	0	0	0.00	0.38	0
OC-492858446	CO897	3.50	0 1-	20 N FUSE	0	0	1261	168	0	0	0	0.00	0.38	0
CO-1302388523	CO203002818	3.22	5 1-	2ACSR	0	0	1374	170	18	2	1	0.01	4.71	0
CO1114	CO1118	2.46	2 1-	4ACSR	0	0	1723	173	35	4	4	0.01	3.87	0
OC-2007922082	CO1114	2.46	2 1-	20 N FUSE	0	0	1723	173	35	4	25	0.00	3.87	0
CO1115	OC-2007922082	2.49	2 1-	4ACSR	0	0	1697	172	35	4	4	0.00	3.88	0
CO1116	CO1115	2.53	1 1-	4ACSR	0	0	1663	172	8	1	1	0.00	3.88	0
CO1135	CO1138	2.24	3 1-	4ACSR	0	0	1795	172	23	3	2	0.02	3.46	0
OC492619827	CO1135	2.24	2 1-	20 N FUSE	0	0	1795	172	23	3	16	0.00	3.46	0
CO1136	OC492619827	2.32	2 1-	4ACSR	0	0	1712	171	23	3	2	0.01	3.47	0
CO860	CO1136	2.36	1 1-	4ACSR	0	0	1675	171	21	2	2	0.00	3.47	0
CO859	CO1136	2.44	0 1-	4ACSR	0	0	1606	170	0	0	0	0.00	3.47	0
CO1142	CO1147	1.87	5 1-	4ACSR	0	0	2121	174	22	3	2	0.00	3.12	0
OC-142654726	CO1142	1.87	5 1-	20 N FUSE	0	0	2121	174	22	3	15	0.00	3.12	0
CO1144	OC-142654726	1.94	3 1-	4ACSR	0	0	2025	174	6	0	1	0.00	3.12	0
CO1145	CO1144	2.01	1 1-	4ACSR	0	0	1941	173	0	0	0	0.00	3.12	0
CO1143	OC-142654726	2.02	2 1-	4ACSR	0	0	1925	173	16	2	2	0.01	3.13	0
CO1148	CO8197	1.69	7 1-	4ACSR	0	0	2265	175	35	4	3	0.01	2.87	0
CO1150	CO1148	1.77	6 1-	4ACSR	0	0	2148	174	28	3	3	0.01	2.88	0
OC-304810482	CO1150	1.77	3 1-	20 N FUSE	0	0	2148	174	16	2	11	0.00	2.88	0
CO854	OC-304810482	1.82	1 1-	4ACSR	0	0	2080	173	9	1	1	0.00	2.88	0
CO1149	OC-304810482	1.89	2 1-	4ACSR	0	0	1986	173	7	0	1	0.00	2.88	0
CO1151	CO1149	1.98	1 1-	2ACSR	0	0	1892	172	0	0	0	0.00	2.88	0
CO914	CO1148	1.72	1 1-	2ACSR	0	0	2225	174	7	0	1	0.00	2.87	0
OC287079413	CO914	1.72	0 1-	20 N FUSE	0	0	2225	174	0	0	0	0.00	2.87	0
CO411	CO354	1.50	1 1-	4ACSR	0	0	2423	175	9	1	1	0.00	2.52	0
OC817823073	CO411	1.50	0 1-	20 N FUSE	0	0	2423	175	0	0	0	0.00	2.52	0
CO410	CO354	1.47	6 1-	4ACSR	0	0	2476	175	12	1	1	0.00	2.52	0
OC-729327729	CO410	1.47	0 1-	20 N FUSE	0	0	2476	175	0	0	0	0.00	2.52	0
CO597	CO357	1.38	2 1-	4ACSR	0	0	2520	175	23	3	2	0.02	2.27	0
OC864592307	CO597	1.38	1 1-	20 N FUSE	0	0	2520	175	23	3	16	0.00	2.27	0

Substation Power Factor: 0.98
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO595	OC864592307	1.42	1 1-	4ACSR	0	0	2427	174	23	3	2	0.01	2.28	0
CO596	CO595	1.48	1 1-	4ACSR	0	0	2321	174	23	3	2	0.00	2.28	0
CO717	CO338	1.05	37 3-	4/0ACSR	3712	3497	3131	177	412	18	6	0.02	1.84	8
OC103592321	CO717	1.05	36 3-	20 N FUSE	3712	3497	3131	177	410	18	94	0.00	1.84	0
CO718	OC103592321	1.07	36 3-	4/0ACSR	3682	3466	3098	177	410	18	6	0.00	1.85	0
CO716	CO718	1.10	34 3-	4/0ACSR	3629	3412	3043	177	345	15	5	0.01	1.85	2
CO715	CO716	1.20	32 3-	4/0ACSR	3474	3254	2883	176	341	15	5	0.02	1.87	7
CO2092947550	CO715	1.27	0 1-	2ACSR	0	0	2741	176	0	0	0	0.00	1.87	0
CO359	CO715	1.34	8 3-	4/0ACSR	3278	3057	2685	176	147	6	2	0.01	1.88	0
CO572	CO359	1.39	5 1-	4ACSR	0	0	2585	175	30	4	3	0.01	1.88	0
CO571	CO572	1.44	3 1-	4ACSR	0	0	2490	175	24	3	2	0.00	1.89	0
CO403	CO359	1.36	1 1-	4ACSR	0	0	2644	176	113	15	11	0.01	1.88	0
CO358	CO715	1.32	24 3-	4/0ACSR	3309	3088	2716	176	194	8	3	0.01	1.88	3
CO413	CO358	1.38	2 1-	4ACSR	0	0	2594	175	17	2	2	0.00	1.88	0
CO412	CO358	1.37	1 1-	4ACSR	0	0	2604	175	61	8	6	0.01	1.89	0
CO651	CO358	1.33	20 1-	4ACSR	0	0	2701	176	112	15	11	0.00	1.88	0
OC25	CO651	1.33	20 1-	35 L OCR	0	0	2701	176	112	15	44	0.00	1.88	0
CO652	OC25	1.41	20 1-	4ACSR	0	0	2517	175	112	15	11	0.06	1.94	11
CO692	CO652	1.51	20 1-	4ACSR	0	0	2336	174	112	15	11	0.06	2.01	10
CO8196	CO692	1.71	17 1-	4ACSR	0	0	2016	172	91	12	9	0.11	2.12	17
CO1011	CO8196	1.75	17 1-	4ACSR	0	0	1961	171	91	12	9	0.02	2.14	3
CO1012	CO1011	1.81	16 1-	4ACSR	0	0	1890	171	88	12	9	0.03	2.17	4
CO1013	CO1012	1.87	15 1-	4ACSR	0	0	1813	170	87	12	9	0.03	2.21	5
OC-398312663	CO1013	1.87	14 1-	20 N FUSE	0	0	1813	170	85	11	59	0.00	2.21	0
CO827	OC-398312663	2.09	9 1-	4ACSR	0	0	1586	168	66	9	7	0.09	2.30	10
CO1014	CO827	2.15	7 1-	4ACSR	0	0	1530	167	38	5	4	0.01	2.31	0
CO1015	CO1014	2.23	6 1-	4ACSR	0	0	1461	166	24	3	2	0.01	2.32	0
CO1016	CO1015	2.30	5 1-	4ACSR	0	0	1407	166	23	3	2	0.01	2.33	0
CO1017	CO1016	2.35	5 1-	4ACSR	0	0	1374	165	23	3	2	0.01	2.34	0
CO1018	CO1017	2.36	4 1-	4ACSR	0	0	1365	165	22	3	2	0.00	2.34	0
CO361	CO1018	2.41	4 1-	4ACSR	0	0	1332	165	22	3	2	0.01	2.35	0
CO618	CO361	2.43	2 1-	4ACSR	0	0	1316	164	17	2	2	0.00	2.35	0
CO433	CO618	2.46	1 1-	2ACSR	0	0	1300	164	11	1	1	0.00	2.35	0
CO619	CO618	2.49	1 1-	4ACSR	0	0	1280	164	6	0	1	0.00	2.35	0
CO608	CO361	2.48	1 1-	4ACSR	0	0	1287	164	2	0	0	0.00	2.35	0
CO607	CO608	2.50	1 1-	4ACSR	0	0	1273	164	2	0	0	0.00	2.35	0
CO858	CO827	2.11	1 1-	4ACSR	0	0	1564	168	15	2	1	0.00	2.30	0
CO857	CO827	2.11	1 1-	4ACSR	0	0	1568	168	13	1	1	0.00	2.30	0
CO826	OC-398312663	1.98	5 1-	4ACSR	0	0	1687	169	19	2	2	0.01	2.22	0
CO1022	CO826	2.00	4 1-	4ACSR	0	0	1668	169	15	2	1	0.00	2.22	0
CO1024	CO1022	2.06	3 1-	4ACSR	0	0	1612	168	14	1	1	0.00	2.23	0
CO1025	CO1024	2.09	2 1-	4ACSR	0	0	1583	168	9	1	1	0.00	2.23	0
CO1027	CO1025	2.11	1 1-	4ACSR	0	0	1567	168	8	1	1	0.00	2.23	0
CO1026	CO1025	2.12	1 1-	4ACSR	0	0	1556	168	1	0	0	0.00	2.23	0
CO1023	CO1022	2.01	1 1-	4ACSR	0	0	1659	169	1	0	0	0.00	2.22	0
CO1021	CO1023	2.08	1 1-	4ACSR	0	0	1594	168	1	0	0	0.00	2.22	0
CO1019	CO826	2.00	1 1-	4ACSR	0	0	1668	169	4	0	0	0.00	2.22	0
CO1020	CO1019	2.01	1 1-	4ACSR	0	0	1659	169	4	0	0	0.00	2.22	0
CO487	CO346	0.61	11 1-	6ACWC	0	0	3824	177	74	10	7	0.08	0.94	9
OC-1443394883	CO487	0.61	10 1-	20 N FUSE	0	0	3824	177	74	10	51	0.00	0.94	0
CO667	OC-1443394883	0.74	10 1-	6ACWC	0	0	3307	175	74	10	7	0.05	1.00	6
CO668	CO667	0.89	9 1-	6ACWC	0	0	2820	174	65	8	6	0.06	1.06	6

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO390	CO668	1.03	2 1-	6ACWC	0	0	2465	172	26	3	3	0.01	1.07	0
CO343	CO668	0.95	7 1-	6ACWC	0	0	2668	173	39	5	4	0.01	1.07	0
CO591	CO343	0.99	6 1-	6ACWC	0	0	2551	173	36	4	4	0.01	1.08	0
CO592	CO591	1.03	3 1-	6ACWC	0	0	2465	172	19	2	2	0.00	1.08	0
CO375783983	CO592	1.08	2 1-	2ACSR	0	0	2388	172	9	1	1	0.00	1.08	0
CO479	CO343	1.05	1 1-	6ACWC	0	0	2426	172	4	0	0	0.00	1.07	0
CO478	CO479	1.36	1 1-	6ACWC	0	0	1890	169	4	0	0	0.01	1.08	0
CO402	CO478	1.52	1 1-	6ACWC	0	0	1694	167	4	0	0	0.00	1.08	0
CO401	CO478	1.50	0 1-	6ACWC	0	0	1715	167	0	0	0	0.00	1.08	0
CO400	CO478	1.45	0 1-	6ACWC	0	0	1781	168	0	0	0	0.00	1.08	0
CO440	CO479	1.08	0 1-	4ACSR	0	0	2361	172	0	0	0	0.00	1.07	0
CO657	CO347	0.18	3 1-	4ACSR	0	0	6047	179	8	1	1	0.00	0.34	0
OC32	CO657	0.18	3 1-	20 N FUSE	0	0	6047	179	8	1	5	0.00	0.34	0
CO795	OC32	0.20	3 1-	4ACSR	0	0	5873	179	8	1	1	0.00	0.34	0
OC1048253225	CO795	0.20	2 1-	20 N FUSE	0	0	5873	179	3	0	2	0.00	0.34	0
CO796	OC1048253225	0.21	2 1-	4ACSR	0	0	5765	179	3	0	0	0.00	0.34	0
CO454	CO449	0.03	557 3-	750 MCM - 42 wi	6732	7104	7211	180	4967	224	19	0.02	0.04	53
Inter Change	CO454	0.03	557 3-	560 200WVE	6732	7104	7211	180	4967	224	40	0.00	0.04	0
CO635	Inter Change	0.11	557 3-	336ACSR	6398	6575	6640	179	4967	224	43	0.13	0.17	740
CO797	CO635	0.19	557 3-	336ACSR	6096	6139	6152	179	4963	224	43	0.13	0.29	738
CO798	CO797	0.22	555 3-	336ACSR	5991	5997	5990	179	4957	224	43	0.05	0.34	271
CO636	CO798	0.27	555 3-	336ACSR	5841	5806	5762	179	4956	224	43	0.07	0.41	406
CO435	CO636	0.30	1 1-	4ACSR	0	0	5506	179	6	0	1	0.00	0.41	0
OC841861262	CO435	0.30	0 1-	20 N FUSE	0	0	5506	179	0	0	0	0.00	0.41	0
CO434	CO636	0.30	1 1-	4ACSR	0	0	5478	179	4	0	0	0.00	0.41	0
OC1488701892	CO434	0.30	0 1-	20 N FUSE	0	0	5478	179	0	0	0	0.00	0.41	0
CO637	CO636	0.31	553 3-	336ACSR	5696	5635	5546	179	4945	224	43	0.07	0.48	412
CO447	CO637	0.33	553 3-	336ACSR	5639	5568	5463	179	4943	224	43	0.03	0.51	167
OC781944671	CO447	0.33	553 3-	20 N FUSE	5639	5568	5463	179	4942	224	1121	0.00	0.51	0
CO457	OC781944671	0.34	16 3-	336ACSR	5600	5524	5408	179	223	10	2	0.00	0.51	0
CO801	CO457	0.38	16 3-	336ACSR	5505	5414	5273	179	223	10	2	0.00	0.51	0
CO802	CO801	0.44	15 3-	336ACSR	5331	5216	5030	179	222	10	2	0.00	0.52	0
CO456	CO802	0.47	15 3-	336ACSR	5248	5123	4918	179	222	10	2	0.00	0.52	0
CO736	CO456	0.51	13 3-	336ACSR	5142	5004	4776	179	167	7	1	0.00	0.52	0
CO737	CO736	0.57	13 3-	336ACSR	4996	4842	4584	179	167	7	1	0.00	0.53	0
CO379	CO737	0.66	1 1-	4ACSR	0	0	4096	178	8	1	1	0.00	0.53	0
OC-1478209292	CO379	0.66	0 1-	20 N FUSE	0	0	4096	178	0	0	0	0.00	0.53	0
CO367	CO737	0.64	1 3-	4ACSR	4693	4496	4209	178	66	3	2	0.00	0.53	0
OC-289237019	CO367	0.64	0 3-	20 N FUSE	4693	4496	4209	178	0	0	0	0.00	0.53	0
CO336	CO737	0.66	11 3-	336ACSR	4799	4627	4333	178	92	4	1	0.00	0.53	0
CO738	CO336	0.69	6 1-	4ACSR	0	0	4167	178	18	2	2	0.00	0.53	0
OC1759181146	CO738	0.69	4 1-	20 N FUSE	0	0	4167	178	15	2	10	0.00	0.53	0
CO739	OC1759181146	0.74	4 1-	4ACSR	0	0	3950	178	15	2	1	0.00	0.54	0
CO740	CO739	0.83	1 1-	4ACSR	0	0	3566	177	2	0	0	0.00	0.54	0
CO741	CO740	0.88	0 1-	4ACSR	0	0	3353	176	0	0	0	0.00	0.54	0
CO-1432239256	CO739	0.77	2 1-	2ACSR	0	0	3817	177	12	1	1	0.00	0.54	0
CO806	CO336	0.67	5 3-	336ACSR	4770	4595	4297	178	74	3	1	0.00	0.53	0
CO561	CO806	0.68	1 3-	4ACSR	4739	4560	4258	178	65	3	2	0.00	0.53	0
OC-1626549536	CO561	0.68	1 3-	20 N FUSE	4739	4560	4258	178	65	3	15	0.00	0.53	0
CO560	OC-1626549536	0.70	1 3-	4ACSR	4630	4435	4126	178	65	3	2	0.00	0.53	0
CO807	CO806	0.71	2 3-	336ACSR	4676	4494	4180	178	2	0	0	0.00	0.53	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO742	CO807	0.79	2 1-	4ACSR	0	0	3814	177	2	0	0	0.00	0.53	0
OC1636464612	CO742	0.79	1 1-	20 N FUSE	0	0	3814	177	1	0	1	0.00	0.53	0
CO743	OC1636464612	0.91	1 1-	4ACSR	0	0	3359	176	1	0	0	0.00	0.53	0
CO443	CO456	0.58	2 3-	2ACSR	4819	4646	4367	178	55	2	1	0.00	0.53	0
OC-1180763042	CO443	0.58	0 3-	20 N FUSE	4819	4646	4367	178	0	0	0	0.00	0.53	0
CO444	CO443	0.60	1 1-	2ACSR	0	0	4248	178	18	2	1	0.00	0.53	0
OC132306332	CO444	0.60	0 1-	20 N FUSE	0	0	4248	178	0	0	0	0.00	0.53	0
CO516	OC781944671	0.37	537 3-	4/0ACSR	5515	5428	5291	179	4719	213	63	0.07	0.58	453
CO514	CO516	0.38	537 3-	4/0ACSR	5464	5371	5220	179	4717	213	63	0.03	0.62	192
CO515	CO514	0.77	537 3-	4/0ACSR	4380	4188	3854	178	4716	213	63	0.82	1.44	5069
CO376	CO515	0.85	2 3-	4/0ACSR	4198	3996	3646	178	6	0	0	0.00	1.44	0
CO334	CO515	0.96	535 3-	4/0ACSR	3985	3774	3410	177	4686	213	63	0.40	1.84	2486
CO470	CO334	1.07	534 3-	4/0ACSR	3772	3554	3180	177	4674	213	63	0.25	2.09	1553
CO471	CO470	1.33	534 3-	4/0ACSR	3375	3152	2772	176	4666	213	63	0.54	2.63	3384
CO466	CO471	1.39	501 3-	4/0ACSR	3295	3072	2692	176	4457	204	60	0.12	2.75	713
CO465	CO466	1.46	501 3-	4/0ACSR	3204	2985	2602	176	4454	204	60	0.14	2.89	854
CO787	CO465	1.48	501 3-	4/0ACSR	3177	2959	2576	176	4450	204	60	0.04	2.93	261
CO788	CO787	1.52	501 3-	4/0ACSR	3132	2917	2533	176	4449	204	60	0.07	3.01	445
CO786	CO788	1.55	501 3-	4/0ACSR	3104	2889	2505	176	4447	204	60	0.05	3.06	290
CO30688	CO786	1.62	0 3-	4/0ACSR	3017	2807	2421	176	0	0	0	0.00	3.06	0
CO782	CO786	1.57	27 3-	4/0ACSR	3078	2864	2480	176	242	11	3	0.00	3.06	0
CO783	CO782	1.59	25 3-	4/0ACSR	3055	2843	2458	176	212	10	3	0.00	3.06	0
CO784	CO783	1.62	23 3-	4/0ACSR	3023	2812	2427	176	167	7	2	0.00	3.06	0
CO785	CO784	1.68	22 3-	4/0ACSR	2958	2751	2366	175	152	7	2	0.00	3.07	0
CO461	CO785	1.73	22 3-	4/0ACSR	2902	2698	2313	175	152	7	2	0.00	3.07	0
CO8188	CO461	1.82	3 1-	4ACSR	0	0	2168	174	17	2	2	0.01	3.08	0
OC674120004	CO8188	1.82	0 1-	20 N FUSE	0	0	2168	174	0	0	0	0.00	3.08	0
CO546	CO461	1.77	17 1-	1/0PRIURD	0	0	2276	441	81	11	8	0.01	3.08	0
OC-1170287987	CO546	1.77	9 1-	20 N FUSE	0	0	2276	441	68	9	49	0.00	3.08	0
CO655	OC-1170287987	1.80	9 1-	1/0PRIURD	0	0	2251	440	68	9	6	0.01	3.09	0
CO656	CO655	1.83	1 1-	1/0PRIURD	0	0	2225	439	50	7	5	0.00	3.09	0
CO369	CO461	1.76	1 1-	4ACSR	0	0	2256	175	4	0	0	0.00	3.07	0
OC-1600078378	CO369	1.76	0 1-	20 N FUSE	0	0	2256	175	0	0	0	0.00	3.07	0
CO332	CO786	1.55	474 3-	4/0ACSR	3096	2882	2497	176	4204	193	57	0.01	3.07	71
CA51	CO332	1.55	0 3-	Capacitor	3096	2882	2497	176	0	-28	0	0.00	3.07	0
CO463	CO332	1.61	460 3-	4/0ACSR	3028	2818	2432	176	3682	175	52	0.11	3.18	517
CO464	CO463	1.65	459 3-	4/0ACSR	2989	2781	2395	175	3615	172	51	0.07	3.25	304
CO459	CO464	1.69	459 3-	4/0ACSR	2938	2733	2347	175	3613	172	51	0.09	3.34	398
CO460	CO459	1.74	458 3-	4/0ACSR	2889	2686	2301	175	3542	168	50	0.09	3.43	389
CO328	CO460	1.77	23 3-	1/0ACSR	2852	2652	2267	175	1052	50	22	0.03	3.46	43
CO8182	CO328	1.81	1 3-	4ACSR	2781	2592	2203	175	73	3	2	0.00	3.46	0
CO544	CO328	1.81	22 3-	1/0ACSR	2809	2612	2227	175	979	46	20	0.03	3.49	45
CO545	CO544	1.85	21 3-	1/0ACSR	2753	2561	2176	175	978	46	20	0.04	3.53	59
CO368	CO545	1.87	1 3-	4ACSR	2724	2536	2150	174	121	5	4	0.00	3.53	0
CO780	CO545	1.88	19 3-	1/0ACSR	2728	2538	2153	175	853	40	18	0.02	3.54	21
CO8183	CO780	1.90	18 3-	1/0ACSR	2703	2515	2131	174	432	20	9	0.01	3.55	5
CO157	CO8183	1.93	18 3-	4/0ACSR	2673	2487	2104	174	432	20	6	0.01	3.56	4
CO158	CO157	1.94	16 3-	4/0ACSR	2662	2476	2093	174	411	19	6	0.00	3.56	0
CO156	CO158	1.97	15 3-	4/0ACSR	2642	2457	2075	174	352	16	5	0.00	3.57	0
CO155	CO156	1.98	13 3-	4/0ACSR	2629	2445	2063	174	328	15	5	0.00	3.57	0
CO154	CO155	2.01	7 3-	4/0ACSR	2609	2426	2045	174	287	13	4	0.00	3.57	0
CO153	CO154	2.02	1 3-	4/0ACSR	2595	2413	2032	174	247	11	3	0.00	3.58	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO152	CO153	2.04	1 3-	4/0ACSR	2584	2402	2022	174	247	11	3	0.00	3.58	0
400542002	CO152	2.04	1 3-	Consumer	2584	2402	2022	174	247	11	0	0.00	3.58	0
400332131	CO780	1.88	1 3-	Consumer	2728	2538	2153	175	421	20	0	0.00	3.54	0
CO8181	CO460	1.84	435 3-	4/0ACSR	2796	2598	2214	175	2487	118	35	0.12	3.55	383
CO67	CO8181	1.86	433 3-	4/0ACSR	2774	2577	2193	175	2476	118	35	0.03	3.58	95
CO235	CO67	1.96	406 3-	4/0ACSR	2684	2493	2111	175	2109	100	30	0.11	3.69	286
CO236	CO235	1.98	406 3-	4/0ACSR	2667	2476	2095	175	2107	100	30	0.02	3.72	59
CO324	CO236	1.98	186 3-	4/0ACSR	2663	2472	2091	174	606	28	9	0.00	3.72	0
CO325	CO324	2.07	186 3-	4/0ACSR	2588	2403	2023	174	606	28	9	0.03	3.75	21
CO159	CO325	2.13	185 3-	4/0ACSR	2541	2358	1981	174	603	28	8	0.02	3.77	14
CO65	CO159	2.17	1 3-	1/0PRIURD	2528	2344	1950	433	36	1	1	0.00	3.77	0
CO66	CO65	2.18	0 3-	1/0PRIURD	2525	2341	1943	433	0	0	0	0.00	3.77	0
CO22	CO159	2.18	181 3-	4/0ACSR	2500	2320	1944	174	563	26	8	0.02	3.78	11
CO23	CO22	2.20	170 3-	1/0ACSR	2482	2304	1928	174	485	23	10	0.01	3.79	6
CO88	CO23	2.26	53 3-	1/0ACSR	2430	2256	1883	174	163	7	3	0.01	3.80	0
CO89	CO88	2.29	50 3-	1/0ACSR	2404	2233	1860	173	158	7	3	0.00	3.80	0
CO55	CO89	2.32	1 1-	4ACSR	0	0	1822	173	0	0	0	0.00	3.80	0
CO21	CO89	2.35	47 3-	1/0ACSR	2346	2180	1810	173	149	7	3	0.01	3.81	0
CO322	CO21	2.36	25 1-	4ACSR	0	0	1804	173	80	11	8	0.00	3.81	0
OC11	CO322	2.36	25 1-	20 N FUSE	0	0	1804	173	80	11	57	0.00	3.81	0
CO323	OC11	2.41	25 1-	4ACSR	0	0	1754	172	80	11	8	0.02	3.84	3
CO27	CO323	2.49	0 1-	4ACSR	0	0	1675	172	0	0	0	0.00	3.84	0
CO3	CO323	2.45	19 1-	4ACSR	0	0	1717	172	67	9	7	0.02	3.86	0
CO26	CO3	2.53	5 1-	4ACSR	0	0	1639	171	14	2	1	0.00	3.86	0
CO4	CO3	2.50	14 1-	4ACSR	0	0	1669	172	53	7	5	0.02	3.87	0
CO104	CO4	2.52	2 1-	4ACSR	0	0	1652	171	4	0	0	0.00	3.87	0
CO105	CO104	2.56	2 1-	4ACSR	0	0	1618	171	4	0	0	0.00	3.87	0
CO106	CO105	2.60	2 1-	4ACSR	0	0	1578	170	4	0	0	0.00	3.88	0
CO107	CO106	2.65	2 1-	4ACSR	0	0	1543	170	4	0	0	0.00	3.88	0
CO108	CO107	2.67	1 1-	4ACSR	0	0	1524	170	2	0	0	0.00	3.88	0
CO102	CO4	2.55	11 1-	4ACSR	0	0	1622	171	46	6	5	0.01	3.89	0
CO103	CO102	2.58	7 1-	4ACSR	0	0	1598	171	38	5	4	0.01	3.90	0
CO165	CO103	2.61	7 1-	4ACSR	0	0	1568	170	38	5	4	0.01	3.90	0
CO166	CO165	2.65	3 1-	4ACSR	0	0	1540	170	22	3	2	0.00	3.91	0
CO164	CO166	2.76	1 1-	4ACSR	0	0	1456	169	13	1	1	0.00	3.91	0
CO320	CO21	2.36	20 1-	4ACSR	0	0	1804	173	63	9	7	0.00	3.81	0
OC10	CO320	2.36	20 1-	50 L OCR	0	0	1804	173	63	9	0	0.00	3.81	0
CO321	OC10	2.41	20 1-	4ACSR	0	0	1754	172	63	9	7	0.02	3.83	0
CO162	CO321	2.45	18 1-	4ACSR	0	0	1713	172	60	8	6	0.02	3.85	0
CO163	CO162	2.49	16 1-	4ACSR	0	0	1673	172	57	8	6	0.02	3.87	0
CO72	CO163	2.53	14 1-	4ACSR	0	0	1639	171	52	7	5	0.01	3.88	0
CO73	CO72	2.57	12 1-	4ACSR	0	0	1606	171	43	6	4	0.01	3.89	0
CO74	CO73	2.61	12 1-	4ACSR	0	0	1574	170	43	6	4	0.01	3.90	0
CO75	CO74	2.63	10 1-	4ACSR	0	0	1558	170	38	5	4	0.00	3.90	0
CO76	CO75	2.68	10 1-	4ACSR	0	0	1513	170	38	5	4	0.01	3.92	0
CO205	CO76	2.72	8 1-	4ACSR	0	0	1486	169	25	3	3	0.01	3.92	0
CO206	CO205	2.76	7 1-	4ACSR	0	0	1456	169	23	3	2	0.01	3.93	0
CO109	CO206	2.77	1 1-	4ACSR	0	0	1449	169	1	0	0	0.00	3.93	0
CO110	CO109	2.80	1 1-	4ACSR	0	0	1428	168	1	0	0	0.00	3.93	0
CO84	CO206	2.77	1 1-	4ACSR	0	0	1449	169	4	0	0	0.00	3.93	0
CO85	CO84	2.80	1 1-	4ACSR	0	0	1428	168	4	0	0	0.00	3.93	0
CO82	CO206	2.81	4 1-	4ACSR	0	0	1422	168	16	2	2	0.01	3.93	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO83	CO82	2.85	3 1-	2ACSR	0	0	1400	168	15	2	1	0.00	3.93	0
CO-36724182	CO83	2.87	0 1-	2ACSR	0	0	1385	168	0	0	0	0.00	3.93	0
CO-161058764	CO83	2.87	1 1-	2ACSR	0	0	1389	168	2	0	0	0.00	3.93	0
CO86	CO23	2.26	115 3-	1/0ACSR	2427	2253	1880	174	310	14	6	0.02	3.81	7
CO87	CO86	2.37	114 3-	1/0ACSR	2334	2169	1800	173	294	14	6	0.03	3.83	12
CO202	CO87	2.41	114 3-	1/0ACSR	2298	2136	1770	173	294	14	6	0.01	3.84	4
CO203	CO202	2.50	108 3-	1/0ACSR	2223	2068	1706	172	221	10	5	0.02	3.86	6
CO111	CO203	2.63	48 1-	4ACSR	0	0	1596	171	109	15	11	0.09	3.95	16
OC-1547152296	CO111	2.63	48 1-	20 N FUSE	0	0	1596	171	109	15	78	0.00	3.95	0
CO304	OC-1547152296	2.63	8 1-	1/0PRIURD	0	0	1594	414	17	2	2	0.00	3.95	0
CO-882239867	OC-1547152296	2.64	19 1-	2ACSR	0	0	1589	171	44	6	3	0.00	3.95	0
CO305	CO-882239867	2.67	19 1-	1/0PRIURD	0	0	1575	412	44	6	4	0.00	3.96	0
CO306	CO305	2.68	11 1-	1/0PRIURD	0	0	1568	412	30	4	3	0.00	3.96	0
CO307	CO306	2.74	10 1-	1/0PRIURD	0	0	1543	410	23	3	2	0.00	3.96	0
CO1070978830	OC-1547152296	2.66	21 1-	2ACSR	0	0	1572	171	48	6	4	0.01	3.96	0
CO310	CO1070978830	2.67	21 1-	1/0PRIURD	0	0	1570	412	48	6	5	0.00	3.96	0
CO309	CO310	2.70	21 1-	1/0PRIURD	0	0	1556	411	48	6	5	0.00	3.96	0
CO308	CO309	2.73	13 1-	1/0PRIURD	0	0	1541	410	31	4	3	0.00	3.97	0
CO246	CO203	2.60	60 3-	1/0ACSR	2153	2004	1647	172	112	5	2	0.01	3.87	0
CO247	CO246	2.61	58 3-	1/0ACSR	2141	1993	1637	172	112	5	2	0.00	3.87	0
CO302	CO247	2.63	42 1-	1/0ACSR	0	0	1628	172	59	8	4	0.00	3.87	0
OC957496799	CO302	2.63	42 1-	20 N FUSE	0	0	1628	172	59	8	42	0.00	3.87	0
CO303	OC957496799	2.65	17 1-	1/0ACSR	0	0	1615	172	46	6	3	0.00	3.88	0
CO201	CO303	2.67	16 1-	1/0ACSR	0	0	1603	172	8	1	0	0.00	3.88	0
CO112	CO201	2.71	8 1-	1/0ACSR	0	0	1582	171	4	0	0	0.00	3.88	0
CO113	OC957496799	2.65	25 1-	1/0ACSR	0	0	1612	172	12	1	1	0.00	3.88	0
CO114	CO113	2.69	25 1-	1/0ACSR	0	0	1593	171	12	1	1	0.00	3.88	0
CO199	CO247	2.64	16 3-	1/0ACSR	2124	1978	1623	172	53	2	1	0.00	3.87	0
CO200	CO199	2.75	15 3-	1/0ACSR	2042	1903	1555	171	52	2	1	0.01	3.88	0
CO197	CO200	2.83	15 3-	1/0ACSR	1991	1856	1513	171	52	2	1	0.00	3.88	0
CO198	CO197	2.86	13 3-	1/0ACSR	1972	1839	1497	171	43	2	1	0.00	3.88	0
CO196	CO198	2.93	12 3-	1/0ACSR	1931	1802	1463	170	43	2	1	0.00	3.88	0
CO195	CO196	3.00	11 3-	1/0ACSR	1890	1764	1430	170	36	1	1	0.00	3.89	0
CO228	CO195	3.04	10 1-	1/0ACSR	0	0	1411	170	29	4	2	0.00	3.89	0
OC-107328187	CO228	3.04	10 1-	20 N FUSE	0	0	1411	170	29	4	21	0.00	3.89	0
CO229	OC-107328187	3.08	10 1-	1/0ACSR	0	0	1393	170	29	4	2	0.00	3.89	0
CO263	CO229	3.11	10 1-	1/0ACSR	0	0	1379	169	29	4	2	0.00	3.90	0
CO264	CO263	3.18	1 1-	1/0ACSR	0	0	1353	169	10	1	1	0.00	3.90	0
CO28	CO195	3.05	0 1-	1/0ACSR	0	0	1408	170	0	0	0	0.00	3.89	0
CO227	CO23	2.23	2 3-	1/0ACSR	2456	2280	1906	174	12	0	0	0.00	3.79	0
CO2	CO22	2.27	11 3-	4/0ACSR	2433	2258	1885	174	78	3	1	0.00	3.78	0
CO315	CO2	2.33	0 1-	4ACSR	0	0	1818	173	0	0	0	0.00	3.78	0
CO98	CO2	2.36	2 3-	2ACSR	2345	2180	1809	173	8	0	0	0.00	3.79	0
CO99	CO98	2.39	1 3-	2ACSR	2307	2146	1777	173	8	0	0	0.00	3.79	0
CO100	CO99	2.45	1 3-	2ACSR	2252	2098	1731	172	8	0	0	0.00	3.79	0
CO101	CO100	2.47	1 3-	2ACSR	2238	2086	1719	172	8	0	0	0.00	3.79	0
CO69	CO2	2.32	8 3-	2ACSR	2379	2210	1838	173	67	3	2	0.00	3.79	0
CO70	CO69	2.35	6 3-	2ACSR	2350	2184	1813	173	51	2	1	0.00	3.79	0
CO71	CO70	2.44	6 3-	2ACSR	2265	2110	1742	172	51	2	1	0.01	3.80	0
CO204	CO71	2.53	3 3-	2ACSR	2178	2032	1670	172	35	1	1	0.00	3.80	0
CO288	CO204	2.59	2 3-	2ACSR	2126	1987	1628	171	32	1	1	0.00	3.80	0
CO289	CO288	2.64	1 3-	2ACSR	2082	1947	1591	171	29	1	1	0.00	3.80	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO58	CO288	2.66	1 1-	2ACSR	0	0	1575	171	3	0	0	0.00	3.80	0
CO25	CO71	2.53	1 3-	2ACSR	2181	2036	1673	172	12	0	0	0.00	3.80	0
CO284	CO236	2.00	6 3-	4/0ACSR	2652	2462	2081	174	424	20	6	0.00	3.72	0
CO285	CO284	2.01	2 3-	4/0ACSR	2642	2453	2072	174	249	11	4	0.00	3.72	0
CO261	CO285	2.02	2 3-	4/0ACSR	2628	2440	2060	174	249	11	4	0.00	3.72	0
CO262	CO261	2.03	1 3-	4/0ACSR	2622	2435	2054	174	139	6	2	0.00	3.72	0
CO232	CO284	2.04	4 3-	4/0ACSR	2612	2425	2045	174	175	8	2	0.00	3.72	0
CO292	CO232	2.09	3 3-	4/0ACSR	2572	2388	2009	174	98	4	1	0.00	3.73	0
CO293	CO292	2.11	1 3-	4/0ACSR	2558	2374	1996	174	55	2	1	0.00	3.73	0
CO59	CO292	2.11	2 3-	2ACSR	2553	2371	1992	174	43	2	1	0.00	3.73	0
CO60	CO59	2.12	2 3-	1/0PRIURD	2550	2367	1984	434	43	2	1	0.00	3.73	0
CO5	CO236	2.00	213 3-	4/0ACSR	2646	2457	2076	174	1076	51	15	0.01	3.73	18
CO7	CO5	2.03	204 3-	1/0ACSR	2616	2430	2049	174	937	44	20	0.02	3.75	31
CO316	CO7	2.04	202 3-	1/0ACSR	2609	2423	2043	174	861	41	18	0.01	3.76	6
OC7	CO316	2.04	202 3-	100 L OCR	2609	2423	2043	174	861	41	41	0.00	3.76	0
CO317	OC7	2.18	202 3-	1/0ACSR	2465	2292	1916	174	861	41	18	0.11	3.87	141
CO225	CO317	2.20	201 3-	1/0ACSR	2451	2279	1904	173	845	40	18	0.01	3.88	15
CO1858591529	CO225	2.26	201 3-	1/0ACSR	2393	2226	1854	173	845	40	18	0.05	3.93	59
CO-2039025089	CO1858591529	2.29	199 3-	1/0ACSR	2371	2205	1834	173	829	39	17	0.02	3.95	23
CO116	CO-2039025089	2.32	7 1-	1/0ACSR	0	0	1810	173	25	3	2	0.00	3.95	0
CO265	CO116	2.34	7 1-	1/0ACSR	0	0	1796	173	25	3	2	0.00	3.95	0
CO297	CO265	2.37	3 1-	1/0ACSR	0	0	1776	173	7	1	0	0.00	3.95	0
CO117	CO297	2.38	1 1-	1/0ACSR	0	0	1762	173	5	0	0	0.00	3.95	0
CO31	CO265	2.38	1 1-	1/0ACSR	0	0	1762	173	6	0	0	0.00	3.95	0
CO61	CO-2039025089	2.30	1 1-	2ACSR	0	0	1821	173	2	0	0	0.00	3.95	0
CO167	CO-2039025089	2.30	191 3-	1/0ACSR	2354	2190	1820	173	802	38	17	0.01	3.96	16
CO298	CO167	2.35	190 3-	1/0ACSR	2320	2159	1790	173	793	38	17	0.03	3.99	33
CO299	CO298	2.37	188 3-	1/0ACSR	2302	2143	1775	173	776	37	16	0.01	4.00	17
CO240	CO299	2.45	181 3-	1/0ACSR	2235	2082	1718	172	747	35	16	0.05	4.06	60
CO241	CO240	2.46	179 3-	1/0ACSR	2225	2073	1710	172	733	35	15	0.01	4.06	9
CO242	CO241	2.52	179 3-	1/0ACSR	2179	2031	1671	172	733	35	15	0.04	4.10	42
CO243	CO242	2.55	176 3-	1/0ACSR	2156	2009	1652	172	715	34	15	0.02	4.12	21
CO30	CO243	2.59	1 1-	1/0ACSR	0	0	1626	172	8	1	1	0.00	4.12	0
CO8	CO243	2.59	175 3-	1/0ACSR	2128	1984	1629	172	707	33	15	0.02	4.15	25
CO248	CO8	2.60	154 3-	1/0ACSR	2122	1979	1624	171	608	29	13	0.00	4.15	4
CO249	CO248	2.62	154 3-	1/0ACSR	2105	1962	1609	171	608	29	13	0.01	4.16	12
CO52	CO249	2.64	2 1-	4ACSR	0	0	1593	171	9	1	1	0.00	4.16	0
CO9	CO249	2.67	150 3-	1/0ACSR	2072	1932	1581	171	585	28	12	0.02	4.19	21
CO77	CO9	2.69	44 1-	4ACSR	0	0	1566	171	205	29	21	0.03	4.21	9
CO177	CO77	2.78	44 1-	4ACSR	0	0	1495	170	205	29	21	0.12	4.34	41
CO178	CO177	2.80	42 1-	4ACSR	0	0	1479	170	196	28	20	0.03	4.37	9
CO300	CO178	2.85	11 1-	4ACSR	0	0	1445	169	47	6	5	0.02	4.38	0
CO301	CO300	2.88	10 1-	4ACSR	0	0	1424	169	43	6	4	0.01	4.39	0
CO272	CO301	2.92	8 1-	4ACSR	0	0	1399	169	40	5	4	0.01	4.40	0
CO274	CO272	2.93	5 1-	4ACSR	0	0	1393	168	21	3	2	0.00	4.40	0
CO275	CO274	2.96	4 1-	4ACSR	0	0	1373	168	16	2	2	0.00	4.40	0
CO273	CO275	2.97	0 1-	4ACSR	0	0	1365	168	0	0	0	0.00	4.40	0
CO36	CO274	2.95	1 1-	4ACSR	0	0	1380	168	5	0	1	0.00	4.40	0
CO35	CO300	2.86	1 1-	4ACSR	0	0	1435	169	4	0	0	0.00	4.38	0
CO14	CO178	2.83	31 1-	4ACSR	0	0	1462	169	148	21	15	0.02	4.39	6
CO280	CO14	2.86	3 1-	4ACSR	0	0	1442	169	14	2	1	0.00	4.39	0
CO281	CO280	2.90	2 1-	4ACSR	0	0	1409	169	7	0	1	0.00	4.39	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO37	CO280	2.87	1 1-	4ACSR	0	0	1428	169	7	1	1	0.00	4.39	0
CO181	CO14	2.89	27 1-	4ACSR	0	0	1419	169	128	18	13	0.05	4.44	11
OC1628364312	CO181	2.89	24 1-	20 N FUSE	0	0	1419	169	121	17	87	0.00	4.44	0
CO182	OC1628364312	2.94	24 1-	4ACSR	0	0	1387	168	121	17	12	0.04	4.48	7
CO180	CO182	3.05	21 1-	4ACSR	0	0	1315	167	108	15	11	0.08	4.56	14
CO78	CO180	3.06	18 1-	4ACSR	0	0	1309	167	102	14	10	0.01	4.57	0
CO268	CO78	3.12	9 1-	4ACSR	0	0	1273	166	51	7	5	0.02	4.59	0
CO136	CO268	3.20	2 1-	4ACSR	0	0	1231	166	9	1	1	0.00	4.59	0
CO137	CO136	3.23	1 1-	4ACSR	0	0	1211	165	6	0	1	0.00	4.59	0
CO269	CO268	3.17	5 1-	4ACSR	0	0	1244	166	30	4	3	0.01	4.59	0
CO134	CO269	3.21	3 1-	4ACSR	0	0	1221	166	18	2	2	0.00	4.60	0
CO135	CO134	3.28	1 1-	4ACSR	0	0	1189	165	7	0	1	0.00	4.60	0
CO15	CO78	3.12	9 1-	4ACSR	0	0	1276	167	50	7	5	0.02	4.59	0
CO179	CO15	3.15	8 1-	4ACSR	0	0	1258	166	42	6	4	0.01	4.59	0
CO219	CO179	3.19	7 1-	4ACSR	0	0	1236	166	39	5	4	0.01	4.60	0
CO220	CO219	3.23	4 1-	4ACSR	0	0	1213	165	27	3	3	0.01	4.61	0
CO38	CO220	3.25	1 1-	4ACSR	0	0	1203	165	8	1	1	0.00	4.61	0
CO193	CO220	3.30	2 1-	4ACSR	0	0	1177	165	16	2	2	0.00	4.61	0
CO-1552615471	CO193	3.36	0 1-	2ACSR	0	0	1154	164	0	0	0	0.00	4.61	0
CO1955683268	CO-1552615471	3.36	0 1-	2ACSR	0	0	1153	164	0	0	0	0.00	4.61	0
CO34	CO15	3.15	1 1-	4ACSR	0	0	1254	166	8	1	1	0.00	4.59	0
CO168	CO9	2.69	104 3-	1/0ACSR	2058	1920	1570	171	375	18	8	0.01	4.20	4
CO169	CO168	2.72	102 3-	1/0ACSR	2040	1903	1555	171	360	17	8	0.01	4.20	5
CO327	CO169	2.72	101 3-	750 MCM - 42 Wi	2038	1901	1553	171	349	16	1	0.00	4.20	0
OC1	CO327	2.72	62 3-	NoDevice	2038	1901	1553	171	192	9	9	0.00	4.20	0
CO326	OC1	2.74	62 3-	1/0ACSR	2027	1891	1544	171	192	9	4	0.00	4.21	0
CO140	CO326	2.76	4 1-	1/0ACSR	0	0	1535	171	17	2	1	0.00	4.21	0
OC-1906149421	CO140	2.76	4 1-	20 N FUSE	0	0	1535	171	17	2	12	0.00	4.21	0
CO141	OC-1906149421	2.79	4 1-	1/0ACSR	0	0	1517	171	17	2	1	0.00	4.21	0
CO142	CO141	2.83	3 1-	1/0ACSR	0	0	1498	170	12	1	1	0.00	4.21	0
CO10	CO326	2.78	58 3-	1/0ACSR	2002	1869	1524	171	175	8	4	0.01	4.21	0
CO170	CO10	2.82	6 1-	1/0ACSR	0	0	1504	170	20	2	1	0.00	4.21	0
OC-340717935	CO170	2.82	4 1-	20 N FUSE	0	0	1504	170	11	1	8	0.00	4.21	0
CO171	OC-340717935	2.86	4 1-	1/0ACSR	0	0	1480	170	11	1	1	0.00	4.22	0
CO11	CO10	2.86	52 3-	1/0ACSR	1952	1823	1482	170	156	7	3	0.01	4.22	3
CO132	CO11	2.88	4 1-	1/0ACSR	0	0	1473	170	20	2	1	0.00	4.22	0
OC-67384211	CO132	2.88	2 1-	20 N FUSE	0	0	1473	170	5	0	4	0.00	4.22	0
CO133	OC-67384211	2.92	2 1-	1/0ACSR	0	0	1454	170	5	0	0	0.00	4.23	0
CO12	CO11	2.93	48 3-	1/0ACSR	1907	1781	1445	170	136	6	3	0.01	4.23	0
CO129	CO12	2.96	26 1-	4ACSR	0	0	1429	170	61	8	6	0.01	4.24	0
OC2	CO129	2.96	26 1-	25 L OCR	0	0	1429	170	61	8	35	0.00	4.24	0
CO186	OC2	3.00	26 1-	4ACSR	0	0	1403	169	61	8	6	0.01	4.26	0
CO187	CO186	3.03	23 1-	4ACSR	0	0	1379	169	56	8	6	0.01	4.27	0
CO189	CO187	3.07	18 1-	4ACSR	0	0	1356	168	43	6	4	0.01	4.28	0
CO149	CO189	3.10	4 1-	4ACSR	0	0	1338	168	10	1	1	0.00	4.28	0
CO151	CO149	3.15	1 1-	2ACSR	0	0	1311	168	6	0	0	0.00	4.28	0
CO148	CO149	3.14	0 1-	4ACSR	0	0	1314	168	0	0	0	0.00	4.28	0
CO130	CO189	3.11	12 1-	4ACSR	0	0	1330	168	29	4	3	0.01	4.29	0
CO131	CO130	3.15	8 1-	4ACSR	0	0	1307	168	19	2	2	0.00	4.29	0
CO286	CO131	3.17	4 1-	4ACSR	0	0	1295	167	12	1	1	0.00	4.29	0
CO287	CO286	3.22	2 1-	4ACSR	0	0	1266	167	7	1	1	0.00	4.29	0
CO33	CO286	3.21	2 1-	4ACSR	0	0	1271	167	5	0	0	0.00	4.29	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC53	CO12	2.95	1 1-	4ACSR	0	0	1431	170	1	0	0	0.00	4.23	0
OC-1262243096	CO53	2.95	0 1-	20 N FUSE	0	0	1431	170	0	0	0	0.00	4.23	0
CO183	CO12	2.99	15 1-	4ACSR	0	0	1405	169	47	6	5	0.02	4.25	0
CO184	CO183	3.03	15 1-	4ACSR	0	0	1382	169	47	6	5	0.01	4.26	0
CO217	CO184	3.07	13 1-	4ACSR	0	0	1358	168	41	5	4	0.01	4.27	0
CO218	CO217	3.11	12 1-	4ACSR	0	0	1334	168	40	5	4	0.01	4.28	0
CO185	CO218	3.14	12 1-	4ACSR	0	0	1311	168	40	5	4	0.01	4.29	0
CO276	CO185	3.19	10 1-	4ACSR	0	0	1282	167	34	4	3	0.01	4.30	0
CO127	CO276	3.22	0 1-	4ACSR	0	0	1269	167	0	0	0	0.00	4.30	0
CO128	CO127	3.24	0 1-	4ACSR	0	0	1254	167	0	0	0	0.00	4.30	0
CO277	CO276	3.24	8 1-	4ACSR	0	0	1255	167	28	4	3	0.01	4.31	0
CO215	CO277	3.27	8 1-	4ACSR	0	0	1240	166	28	4	3	0.00	4.32	0
CO216	CO215	3.30	5 1-	4ACSR	0	0	1225	166	23	3	2	0.00	4.32	0
CO190	CO216	3.33	3 1-	4ACSR	0	0	1210	166	17	2	2	0.00	4.32	0
CO32	CO185	3.16	2 1-	4ACSR	0	0	1300	168	7	0	1	0.00	4.29	0
CO311	CO32	3.20	1 1-	1/0PRIURD	0	0	1287	391	4	0	0	0.00	4.29	0
CO18	CO12	3.04	6 1-	1/0ACSR	0	0	1396	169	26	3	2	0.01	4.24	0
OC3	CO18	3.04	5 1-	25 L OCR	0	0	1396	169	25	3	14	0.00	4.24	0
CO45	OC3	3.14	1 1-	1/0ACSR	0	0	1355	169	5	0	0	0.00	4.24	0
CO44	OC3	3.18	1 1-	1/0ACSR	0	0	1335	169	14	2	1	0.00	4.25	0
CO43	OC3	3.09	3 1-	1/0ACSR	0	0	1373	169	6	0	0	0.00	4.24	0
CO17	CO327	2.77	39 1-	4ACSR	0	0	1519	170	157	22	16	0.05	4.25	12
CO221	CO17	2.81	13 1-	4ACSR	0	0	1486	170	64	9	7	0.02	4.27	0
CO222	CO221	2.84	12 1-	4ACSR	0	0	1467	170	58	8	6	0.01	4.28	0
CO174	CO222	2.88	10 1-	4ACSR	0	0	1440	169	45	6	5	0.01	4.29	0
CO270	CO174	2.93	10 1-	4ACSR	0	0	1404	169	45	6	5	0.02	4.30	0
CO271	CO270	2.97	8 1-	4ACSR	0	0	1379	168	36	5	4	0.01	4.31	0
CO175	CO271	3.02	5 1-	4ACSR	0	0	1346	168	23	3	2	0.00	4.32	0
CO176	CO175	3.06	2 1-	4ACSR	0	0	1322	167	5	0	0	0.00	4.32	0
CO42	CO270	2.96	1 1-	4ACSR	0	0	1382	168	6	0	1	0.00	4.30	0
CO172	CO17	2.82	24 1-	4ACSR	0	0	1480	170	86	12	9	0.03	4.28	4
CO173	CO172	2.93	20 1-	4ACSR	0	0	1401	169	70	10	7	0.05	4.32	5
CO255	CO173	2.98	8 1-	4ACSR	0	0	1368	168	23	3	2	0.01	4.33	0
CO256	CO255	3.04	2 1-	4ACSR	0	0	1332	168	6	0	1	0.00	4.33	0
CO40	CO255	3.06	3 1-	4ACSR	0	0	1323	167	11	1	1	0.00	4.33	0
CO223	CO173	3.00	8 1-	4ACSR	0	0	1356	168	24	3	3	0.01	4.33	0
CO224	CO223	3.05	5 1-	4ACSR	0	0	1328	168	17	2	2	0.00	4.34	0
CO41	CO224	3.10	2 1-	4ACSR	0	0	1299	167	8	1	1	0.00	4.34	0
CO244	CO8	2.67	20 1-	4ACSR	0	0	1561	171	92	13	9	0.05	4.19	7
CO245	CO244	2.70	18 1-	4ACSR	0	0	1535	170	82	11	8	0.02	4.21	2
CO146	CO245	2.74	3 1-	4ACSR	0	0	1506	170	13	1	1	0.00	4.21	0
CO147	CO146	2.82	1 1-	4ACSR	0	0	1450	169	5	0	1	0.00	4.22	0
CO118	CO147	2.87	1 1-	4ACSR	0	0	1410	169	5	0	1	0.00	4.22	0
CO266	CO245	2.73	15 1-	4ACSR	0	0	1517	170	69	9	7	0.01	4.22	0
CO125	CO266	2.75	0 1-	4ACSR	0	0	1503	170	0	0	0	0.00	4.22	0
CO126	CO125	2.77	0 1-	4ACSR	0	0	1485	170	0	0	0	0.00	4.22	0
CO267	CO266	2.78	11 1-	4ACSR	0	0	1474	169	57	8	6	0.02	4.24	0
CO119	CO267	2.81	9 1-	4ACSR	0	0	1454	169	37	5	4	0.01	4.25	0
CO120	CO119	2.86	7 1-	4ACSR	0	0	1423	169	29	4	3	0.01	4.25	0
CO121	CO120	2.92	5 1-	4ACSR	0	0	1382	168	18	2	2	0.01	4.26	0
CO122	CO121	2.96	5 1-	4ACSR	0	0	1351	168	18	2	2	0.01	4.27	0
CO123	CO122	3.01	5 1-	4ACSR	0	0	1321	167	18	2	2	0.01	4.27	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO124	CO123	3.05	5 1-	4ACSR	0	0	1296	167	18	2	2	0.00	4.27	0
CO51	CO8	2.63	1 1-	4ACSR	0	0	1597	171	7	0	1	0.00	4.15	0
CO237	CO299	2.42	7 1-	4ACSR	0	0	1723	172	29	4	3	0.01	4.01	0
CO294	CO237	2.43	6 1-	4ACSR	0	0	1715	172	27	3	3	0.00	4.01	0
CO295	CO294	2.46	2 1-	4ACSR	0	0	1684	172	9	1	1	0.00	4.01	0
CO238	CO294	2.48	4 1-	4ACSR	0	0	1662	171	18	2	2	0.01	4.02	0
CO239	CO238	2.50	3 1-	4ACSR	0	0	1650	171	13	1	1	0.00	4.02	0
CO57	CO239	2.56	3 1-	1/0PRIURD	0	0	1619	413	13	1	1	0.00	4.02	0
CO63	CO298	2.36	2 1-	4ACSR	0	0	1771	173	17	2	2	0.00	3.99	0
CO-2049213132	CO1858591529	2.28	2 1-	2ACSR	0	0	1836	173	16	2	1	0.00	3.93	0
CO54	CO317	2.22	1 3-	4ACSR	2414	2249	1874	173	15	0	1	0.00	3.87	0
CO46	CO7	2.11	1 1-	1/0ACSR	0	0	1981	174	1	0	0	0.00	3.75	0
CO6	CO5	2.03	9 3-	1/0ACSR	2611	2425	2045	174	138	6	3	0.00	3.73	0
CO318	CO6	2.04	8 3-	1/0ACSR	2604	2419	2039	174	30	1	1	0.00	3.73	0
OC9	CO318	2.04	8 3-	100 E OCR	2604	2419	2039	174	30	1	1	0.00	3.73	0
CO319	OC9	2.06	8 3-	1/0ACSR	2589	2405	2025	174	30	1	1	0.00	3.74	0
CO290	CO319	2.12	7 3-	1/0ACSR	2520	2342	1964	174	16	0	0	0.00	3.74	0
CO291	CO290	2.15	0 3-	1/0ACSR	2491	2316	1939	174	0	0	0	0.00	3.74	0
CO115	CO290	2.13	7 1-	1/0ACSR	0	0	1956	174	16	2	1	0.00	3.74	0
CO160	CO115	2.16	7 1-	1/0ACSR	0	0	1933	174	16	2	1	0.00	3.74	0
CO161	CO160	2.21	4 1-	1/0ACSR	0	0	1894	173	6	0	0	0.00	3.74	0
CO29	CO6	2.06	1 1-	1/0ACSR	0	0	2025	174	108	15	7	0.00	3.74	0
CO1	CO67	1.90	19 3-	4/0ACSR	2741	2546	2162	175	352	16	5	0.01	3.59	3
CO278	CO1	1.97	12 3-	4/0ACSR	2672	2481	2099	175	175	8	2	0.01	3.60	0
CO279	CO278	2.03	11 3-	4/0ACSR	2626	2438	2057	174	152	7	2	0.00	3.60	0
CO257	CO279	2.08	2 3-	4ACSR	2551	2375	1993	174	82	3	3	0.01	3.61	0
CO258	CO257	2.09	1 3-	4ACSR	2538	2365	1983	174	73	3	2	0.00	3.61	0
CO68	CO279	2.10	9 3-	4/0ACSR	2567	2383	2004	174	70	3	1	0.00	3.61	0
CO233	CO68	2.12	9 3-	4/0ACSR	2548	2365	1987	174	70	3	1	0.00	3.61	0
CO234	CO233	2.15	8 3-	4/0ACSR	2522	2341	1964	174	62	2	1	0.00	3.61	0
CO282	CO234	2.26	6 1-	4/0ACSR	0	0	1892	174	26	3	1	0.01	3.61	0
CO283	CO282	2.27	5 1-	4/0ACSR	0	0	1885	174	15	2	1	0.00	3.61	0
CO259	CO283	2.30	4 1-	4/0ACSR	0	0	1867	174	12	1	0	0.00	3.61	0
CO260	CO259	2.35	1 1-	4/0ACSR	0	0	1838	173	1	0	0	0.00	3.61	0
CO93	CO260	2.40	1 1-	4/0ACSR	0	0	1804	173	1	0	0	0.00	3.61	0
CO24	CO259	2.33	2 1-	4/0ACSR	0	0	1850	174	5	0	0	0.00	3.61	0
CO64	CO282	2.28	1 1-	2ACSR	0	0	1873	174	11	1	1	0.00	3.61	0
CO91	CO234	2.19	2 1-	4/0ACSR	0	0	1941	174	36	5	2	0.00	3.61	0
CO92	CO91	2.20	1 1-	4/0ACSR	0	0	1935	174	36	5	2	0.00	3.61	0
CO62	CO278	2.00	1 3-	4ACSR	2633	2449	2065	174	23	1	1	0.00	3.60	0
CO94	CO1	1.94	3 3-	4/0ACSR	2698	2506	2123	175	140	6	2	0.00	3.59	0
CO95	CO94	2.03	2 3-	4/0ACSR	2620	2433	2052	174	126	6	2	0.00	3.60	0
CO96	CO95	2.04	1 3-	4/0ACSR	2610	2424	2043	174	24	1	0	0.00	3.60	0
CO97	CO96	2.08	1 3-	4/0ACSR	2578	2393	2014	174	24	1	0	0.00	3.60	0
CO50	CO1	1.93	1 1-	4ACSR	0	0	2112	174	6	0	1	0.00	3.59	0
CO646	CO464	1.65	0 3-	4/0ACSR	2982	2774	2388	175	0	0	0	0.00	3.25	0
SW13-A	CO646	1.65	0 3-	Open	2982	2774	2388	175	0	0	0	0.00	3.25	0
CO781	CO332	1.63	14 3-	4ACSR	2951	2759	2365	175	521	24	18	0.07	3.14	65
CO8187	CO781	1.67	13 3-	4ACSR	2865	2686	2289	174	220	10	7	0.02	3.16	7
CO254	CO8187	1.72	7 3-	4ACSR	2777	2610	2212	174	64	3	2	0.01	3.16	0
CO253	CO254	1.75	4 3-	4ACSR	2723	2563	2166	174	20	0	1	0.00	3.17	0
CO251	CO254	1.73	3 3-	4ACSR	2763	2598	2200	174	44	2	1	0.00	3.17	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO252	CO251	1.75	0 3-	4ACSR	2723	2563	2166	174	0	0	0	0.00	3.17	0
CO230	CO8187	1.70	5 3-	4ACSR	2807	2635	2238	174	152	7	5	0.01	3.17	2
CO231	CO230	1.71	5 3-	4ACSR	2788	2619	2222	174	152	7	5	0.00	3.17	0
CO250	CO231	1.73	2 3-	4ACSR	2756	2591	2194	174	109	5	4	0.00	3.17	0
400332136	CO781	1.63	1 3-	Consumer	2951	2759	2365	175	301	14	0	0.00	3.14	0
CO648	CO471	1.34	33 3-	2ACSR	3362	3139	2759	176	193	9	5	0.00	2.63	0
OC17	CO648	1.34	33 3-	70 L OCR	3362	3139	2759	176	193	9	13	0.00	2.63	0
CO649	OC17	1.39	33 3-	2ACSR	3262	3046	2661	176	193	9	5	0.01	2.65	4
CO556	CO649	1.45	9 3-	2ACSR	3154	2948	2558	175	58	2	2	0.00	2.65	0
CO559	CO556	1.52	8 3-	2ACSR	3031	2836	2442	175	47	2	1	0.00	2.65	0
CO557	CO559	1.56	6 3-	2ACSR	2962	2774	2379	175	27	1	1	0.00	2.65	0
CO558	CO557	1.62	2 1-	2ACSR	0	0	2293	174	2	0	0	0.00	2.65	0
OC-859717679	CO558	1.62	0 1-	20 N FUSE	0	0	2293	174	0	0	0	0.00	2.65	0
CO467	CO649	1.44	22 3-	2ACSR	3164	2957	2567	175	127	6	3	0.01	2.65	0
CO469	CO467	1.50	20 3-	2ACSR	3071	2872	2479	175	120	5	3	0.01	2.66	0
CO468	CO469	1.54	19 3-	2ACSR	3000	2809	2414	175	111	5	3	0.01	2.67	0
CO374	CO468	1.58	2 1-	2ACSR	0	0	2361	175	10	1	1	0.00	2.67	0
OC1385495031	CO374	1.58	0 1-	20 N FUSE	0	0	2361	175	0	0	0	0.00	2.67	0
CO333	CO468	1.58	16 3-	2ACSR	2942	2756	2361	175	99	4	3	0.00	2.67	0
CO555	CO333	1.62	3 1-	2ACSR	0	0	2301	174	9	1	1	0.00	2.67	0
OC39163491	CO555	1.62	2 1-	20 N FUSE	0	0	2301	174	9	1	6	0.00	2.67	0
CO553	OC39163491	1.70	2 1-	2ACSR	0	0	2189	174	9	1	1	0.00	2.68	0
CO554	CO553	1.74	2 1-	2ACSR	0	0	2144	173	9	1	1	0.00	2.68	0
CO552	CO333	1.63	10 1-	2ACSR	0	0	2276	174	76	10	6	0.02	2.69	2
OC732633354	CO552	1.63	10 1-	20 N FUSE	0	0	2276	174	76	10	54	0.00	2.69	0
CO551	OC732633354	1.72	8 1-	2ACSR	0	0	2167	173	53	7	4	0.02	2.71	0
CO428	CO551	1.77	3 1-	2ACSR	0	0	2096	173	17	2	1	0.00	2.71	0
CO429	CO428	1.82	1 1-	1/0ACSR	0	0	2048	173	6	0	0	0.00	2.71	0
CO799	CO551	1.76	2 1-	2ACSR	0	0	2118	173	13	1	1	0.00	2.71	0
CO800	CO799	1.80	1 1-	2ACSR	0	0	2066	173	4	0	0	0.00	2.71	0
CO373	OC732633354	1.69	2 1-	2ACSR	0	0	2205	174	23	3	2	0.00	2.70	0
CO375	CO334	1.06	1 1-	4/0ACSR	0	0	3200	177	1	0	0	0.00	1.84	0
OC-1296553035	CO375	1.06	0 1-	20 N FUSE	0	0	3200	177	0	0	0	0.00	1.84	0
CO396	CO637	0.33	0 1-	4ACSR	0	0	5410	179	0	0	0	0.00	0.48	0
OC-484201183	CO396	0.33	0 1-	20 N FUSE	0	0	5410	179	0	0	0	0.00	0.48	0
CO453	CO449	0.02	208 3-	750 MCM - 42 W1	6745	7126	7235	180	4693	211	18	0.01	0.03	38
Bluestone	CO453	0.02	208 3-	560 200WVE	6745	7126	7235	180	4693	211	38	0.00	0.03	0
CO495	Bluestone	0.03	208 3-	336ACSR	6705	7059	7164	180	4693	211	41	0.01	0.05	76
CO679	CO495	0.09	208 3-	336ACSR	6469	6681	6759	180	4692	211	41	0.08	0.13	462
CO680	CO679	0.13	208 3-	336ACSR	6326	6467	6522	179	4690	211	41	0.05	0.18	295
CO17301	CO680	0.20	207 3-	336ACSR	6060	6090	6096	179	4688	211	41	0.11	0.29	587
CO494	CO17301	0.27	207 3-	336ACSR	5817	5777	5726	179	4685	211	41	0.10	0.40	580
CO627	CO494	0.31	1 1-	4ACSR	0	0	5431	179	30	4	3	0.01	0.40	0
OC893663481	CO627	0.31	1 1-	20 N FUSE	0	0	5431	179	30	4	21	0.00	0.40	0
CO626	OC893663481	0.37	1 1-	4ACSR	0	0	5011	178	30	4	3	0.01	0.41	0
CO492	CO494	0.35	206 3-	336ACSR	5596	5519	5402	179	4652	210	41	0.10	0.50	562
CO491	CO492	0.42	206 3-	336ACSR	5382	5274	5100	179	4649	210	41	0.11	0.60	586
CO493	CO491	0.47	206 3-	336ACSR	5245	5120	4914	179	4647	210	41	0.07	0.67	398
CO532	CO493	0.53	8 3-	1/0ACSR	5026	4880	4629	179	35	1	1	0.00	0.68	0
OC-96985658	CO532	0.53	8 3-	20 N FUSE	5026	4880	4629	179	35	1	8	0.00	0.68	0
CO536	OC-96985658	0.59	8 3-	1/0ACSR	4829	4665	4383	178	35	1	1	0.00	0.68	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO533	CO536	0.65	8 3-	1/0ACSR	4625	4445	4137	178	35	1	1	0.00	0.68	0
CO534	CO533	0.77	8 3-	1/0ACSR	4295	4092	3755	177	35	1	1	0.00	0.68	0
CO535	CO534	0.80	8 3-	1/0ACSR	4199	3990	3647	177	35	1	1	0.00	0.68	0
CO537	CO535	1.04	7 1-	2ACSR	0	0	2970	175	31	4	2	0.03	0.72	0
OC1584222863	CO537	1.04	7 1-	20 N FUSE	0	0	2970	175	31	4	22	0.00	0.72	0
CO543	OC1584222863	1.30	7 1-	2ACSR	0	0	2459	174	31	4	2	0.04	0.75	0
CO538	CO543	1.42	7 1-	2ACSR	0	0	2267	173	31	4	2	0.02	0.77	0
CO542	CO538	1.49	7 1-	2ACSR	0	0	2176	172	31	4	2	0.01	0.78	0
CO539	CO542	1.55	7 1-	2ACSR	0	0	2090	172	31	4	2	0.01	0.79	0
CO541	CO539	1.63	7 1-	2ACSR	0	0	1998	171	31	4	2	0.01	0.80	0
CO540	CO541	1.70	6 1-	2ACSR	0	0	1922	171	31	4	2	0.01	0.81	0
CO633	CO540	1.77	6 1-	2ACSR	0	0	1850	170	31	4	2	0.01	0.82	0
CO632	CO633	1.80	6 1-	2ACSR	0	0	1819	170	31	4	2	0.00	0.82	0
CO8193	CO632	1.87	6 1-	2ACSR	0	0	1754	169	31	4	2	0.01	0.83	0
CO2802	CO8193	1.92	6 1-	2ACSR	0	0	1716	169	31	4	2	0.01	0.84	0
CO2806	CO2802	1.98	6 1-	2ACSR	0	0	1661	169	31	4	2	0.01	0.85	0
CO2803	CO2806	2.03	6 1-	2ACSR	0	0	1627	168	31	4	2	0.01	0.86	0
CO2805	CO2803	2.09	6 1-	2ACSR	0	0	1582	168	31	4	2	0.01	0.86	0
CO2804	CO2805	2.14	6 1-	2ACSR	0	0	1546	168	31	4	2	0.01	0.87	0
CO1970299545	CO2804	2.23	5 1-	2ACSR	0	0	1488	167	30	4	2	0.01	0.88	0
CO-1228580062	CO1970299545	2.26	3 1-	2ACSR	0	0	1465	167	21	2	2	0.00	0.88	0
CO2022052747	CO1970299545	2.27	0 1-	2ACSR	0	0	1460	167	0	0	0	0.00	0.88	0
CO531	CO493	0.54	198 3-	336ACSR	5057	4910	4663	179	4610	208	40	0.10	0.78	574
CO530	CO531	0.57	197 3-	336ACSR	5006	4853	4597	179	4603	208	40	0.03	0.81	163
CO746	CO530	0.59	196 3-	336ACSR	4943	4784	4516	179	4582	207	40	0.04	0.84	202
CO745	CO746	0.65	196 3-	336ACSR	4818	4648	4357	178	4581	207	40	0.08	0.92	416
CO529	CO745	0.70	195 3-	336ACSR	4691	4510	4198	178	4548	206	40	0.08	1.00	442
CO528	CO529	0.78	194 3-	336ACSR	4540	4348	4015	178	4530	205	40	0.10	1.10	552
CO436	CO528	0.86	1 3-	4ACSR	4251	4023	3685	177	11	0	0	0.00	1.10	0
OC-1756941536	CO436	0.86	0 3-	20 N FUSE	4251	4023	3685	177	0	0	0	0.00	1.10	0
CO525	CO528	0.83	193 3-	336ACSR	4447	4248	3903	178	4517	205	40	0.07	1.17	359
CO527	CO525	0.87	193 3-	336ACSR	4358	4155	3799	178	4515	205	40	0.06	1.23	354
CO17292	CO527	0.93	1 3-	2ACSR	4199	3983	3619	178	780	35	20	0.05	1.28	65
OC1806776408	CO17292	0.93	0 3-	20 N FUSE	4199	3983	3619	178	0	0	0	0.00	1.28	0
400332078	CO17292	0.93	1 3-	Consumer	4199	3983	3619	178	780	35	0	0.00	1.28	0
CO526	CO527	0.89	192 3-	336ACSR	4323	4118	3758	178	3733	169	33	0.02	1.25	96
CO791	CO526	0.93	191 3-	336ACSR	4254	4045	3678	178	3707	167	32	0.04	1.30	195
CO792	CO791	0.97	189 3-	336ACSR	4182	3970	3596	178	3672	166	32	0.04	1.34	204
CO644	CO792	0.98	81 3-	4/0ACSR	4169	3956	3581	178	729	33	10	0.00	1.34	0
OC19	CO644	0.98	81 3-	100 L OCR	4169	3956	3581	178	729	33	34	0.00	1.34	0
CO645	OC19	1.09	81 3-	4/0ACSR	3960	3741	3354	178	729	33	10	0.04	1.38	35
CO380	CO645	1.11	1 1-	4ACSR	0	0	3267	177	6	0	1	0.00	1.38	0
CO776	CO645	1.17	80 3-	4/0ACSR	3803	3581	3187	177	724	33	10	0.03	1.41	28
CO777	CO776	1.27	79 3-	4/0ACSR	3650	3425	3028	177	718	33	10	0.03	1.44	28
CO563	CO777	1.32	2 1-	4ACSR	0	0	2885	176	12	1	1	0.00	1.45	0
CO562	CO563	1.38	1 1-	4ACSR	0	0	2750	176	7	0	1	0.00	1.45	0
CO476	CO777	1.38	74 3-	4/0ACSR	3478	3253	2854	177	671	30	9	0.04	1.48	31
CO477	CO476	1.41	74 3-	4/0ACSR	3438	3212	2814	177	670	30	9	0.01	1.49	8
CO475	CO477	1.47	73 3-	4/0ACSR	3352	3127	2729	177	663	30	9	0.02	1.51	16
CO778	CO475	1.65	72 3-	4/0ACSR	3129	2905	2511	176	646	29	9	0.05	1.56	44
CO779	CO778	1.73	70 3-	4/0ACSR	3027	2810	2415	176	633	29	9	0.03	1.59	21
CO472	CO779	1.81	15 1-	4ACSR	0	0	2290	175	121	16	12	0.05	1.64	9

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1388199202	CO472	1.81	9 1-	20 N FUSE	0	0	2290	175	93	12	64	0.00	1.64	0
CO8227	OC-1388199202	1.85	9 1-	4ACSR	0	0	2222	174	93	12	9	0.02	1.66	3
CO2588	CO8227	1.92	8 1-	4ACSR	0	0	2126	174	68	9	7	0.03	1.69	3
CO2589	CO2588	2.03	7 1-	4ACSR	0	0	1976	173	53	7	5	0.03	1.72	3
CO2587	CO2589	2.07	6 1-	4ACSR	0	0	1915	172	41	5	4	0.01	1.73	0
CO2586	CO2587	2.19	5 1-	4ACSR	0	0	1783	171	26	3	3	0.02	1.75	0
CO2595	CO2586	2.32	2 1-	4ACSR	0	0	1647	169	4	0	0	0.00	1.75	0
CO2590	CO2595	2.46	2 1-	4ACSR	0	0	1520	168	4	0	0	0.00	1.75	0
CO2594	CO2590	2.56	1 1-	4ACSR	0	0	1439	167	0	0	0	0.00	1.75	0
CO2591	CO2594	2.69	0 1-	4ACSR	0	0	1353	166	0	0	0	0.00	1.75	0
CO2593	CO2591	2.78	0 1-	4ACSR	0	0	1291	165	0	0	0	0.00	1.75	0
CO2592	CO2593	2.86	0 1-	4ACSR	0	0	1246	164	0	0	0	0.00	1.75	0
CO117799060	CO2594	2.82	1 1-	2ACSR	0	0	1301	165	0	0	0	0.00	1.75	0
CO2729	CO2586	2.26	1 1-	4ACSR	0	0	1703	170	16	2	2	0.01	1.76	0
CO2731	CO2729	2.38	1 1-	4ACSR	0	0	1594	169	16	2	2	0.01	1.77	0
CO2730	CO2731	2.46	1 1-	4ACSR	0	0	1520	168	16	2	2	0.00	1.77	0
CO8220	CO779	1.95	53 3-	4/0ACSR	2803	2599	2206	175	486	22	7	0.05	1.64	31
CO1535	CO8220	2.11	50 3-	4/0ACSR	2657	2462	2073	175	453	20	6	0.03	1.67	20
CO1536	CO1535	2.26	40 3-	4/0ACSR	2533	2346	1962	174	350	16	5	0.02	1.70	10
CO-822488528	CO1536	2.38	2 1-	2ACSR	0	0	1852	173	31	4	2	0.01	1.71	0
OC-1671704650	CO-822488528	2.38	0 1-	20 N FUSE	0	0	1852	173	0	0	0	0.00	1.71	0
CO1593	CO1536	2.32	1 1-	4ACSR	0	0	1898	174	10	1	1	0.00	1.70	0
OC2078980915	CO1593	2.32	0 1-	20 N FUSE	0	0	1898	174	0	0	0	0.00	1.70	0
CO1537	CO1536	2.32	33 3-	4/0ACSR	2489	2305	1924	174	279	12	4	0.01	1.71	3
CO2017	CO1537	2.33	1 1-	4ACSR	0	0	1916	174	5	0	1	0.00	1.71	0
OC61	CO2017	2.33	1 1-	70 L OCR	0	0	1916	174	5	0	1	0.00	1.71	0
CO2018	OC61	2.36	1 1-	4ACSR	0	0	1879	174	5	0	1	0.00	1.71	0
CO1768	CO2018	2.46	1 1-	4ACSR	0	0	1780	173	5	0	1	0.00	1.71	0
CO1771	CO1768	2.72	0 1-	4ACSR	0	0	1542	170	0	0	0	0.00	1.71	0
CO1769	CO1771	2.75	0 1-	4ACSR	0	0	1515	169	0	0	0	0.00	1.71	0
CO1770	CO1769	2.78	0 1-	4ACSR	0	0	1492	169	0	0	0	0.00	1.71	0
CO-1804838249	CO1770	2.79	0 1-	2ACSR	0	0	1487	169	0	0	0	0.00	1.71	0
CO-2127045270	CO-1804838249	2.82	0 1-	2ACSR	0	0	1471	169	0	0	0	0.00	1.71	0
OH255	CO-2127045270	2.99	0 1-	2ACSR	0	0	1371	168	0	0	0	0.00	1.71	0
OH257	OH255	3.26	0 1-	2ACSR	0	0	1245	166	0	0	0	0.00	1.71	0
OH327	OH257	3.32	0 1-	2ACSR	0	0	1215	165	0	0	0	0.00	1.71	0
OH326	OH257	3.34	0 1-	2ACSR	0	0	1209	165	0	0	0	0.00	1.71	0
OH258	OH257	3.36	0 1-	2ACSR	0	0	1202	165	0	0	0	0.00	1.71	0
OH259	OH258	3.39	0 1-	2ACSR	0	0	1188	165	0	0	0	0.00	1.71	0
OH260	OH259	3.50	0 1-	2ACSR	0	0	1146	164	0	0	0	0.00	1.71	0
OH261	OH260	3.61	0 1-	2ACSR	0	0	1105	164	0	0	0	0.00	1.71	0
OH325	OH261	3.66	0 1-	2ACSR	0	0	1086	163	0	0	0	0.00	1.71	0
OH324	OH261	3.70	0 1-	2ACSR	0	0	1075	163	0	0	0	0.00	1.71	0
OH262	OH261	3.74	0 1-	2ACSR	0	0	1061	163	0	0	0	0.00	1.71	0
OH263	OH262	4.06	0 1-	2ACSR	0	0	967	161	0	0	0	0.00	1.71	0
OH264	OH263	4.29	0 1-	2ACSR	0	0	907	159	0	0	0	0.00	1.71	0
OH265	OH264	4.57	0 1-	2ACSR	0	0	845	157	0	0	0	0.00	1.71	0
REG350	OH265	4.57	0 1-	2ACSR	0	0	845	157	0	0	0	-1.71	0.00	0
OH266	REG350	4.62	0 1-	2ACSR	0	0	834	157	0	0	0	0.00	0.00	0
OH321	OH266	4.68	0 1-	2ACSR	0	0	822	157	0	0	0	0.00	0.00	0
OH320	OH266	4.68	0 1-	2ACSR	0	0	823	157	0	0	0	0.00	0.00	0
OH323	OH320	4.72	0 1-	2ACSR	0	0	816	156	0	0	0	0.00	0.00	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OH322	OH320	4.74	0 1-	2ACSR	0	0	811	156	0	0	0	0.00	0.00	0
OH315	OH322	4.80	0 1-	2ACSR	0	0	800	156	0	0	0	0.00	0.00	0
OH271	OH322	4.78	0 1-	2ACSR	0	0	803	156	0	0	0	0.00	0.00	0
OH268	OH322	4.80	0 1-	2ACSR	0	0	800	156	0	0	0	0.00	0.00	0
OH274	OH268	4.87	0 1-	2ACSR	0	0	787	155	0	0	0	0.00	0.00	0
OH276	OH274	4.97	0 1-	2ACSR	0	0	769	155	0	0	0	0.00	0.00	0
OH314	OH276	5.10	0 1-	2ACSR	0	0	747	154	0	0	0	0.00	0.00	0
OH277	OH276	5.10	0 1-	2ACSR	0	0	748	154	0	0	0	0.00	0.00	0
OH312	OH277	5.18	0 1-	2ACSR	0	0	734	154	0	0	0	0.00	0.00	0
OH313	OH312	5.27	0 1-	2ACSR	0	0	721	153	0	0	0	0.00	0.00	0
OH278	OH277	5.20	0 1-	2ACSR	0	0	731	153	0	0	0	0.00	0.00	0
OH311	OH278	5.26	0 1-	2ACSR	0	0	722	153	0	0	0	0.00	0.00	0
OH279	OH278	5.31	0 1-	2ACSR	0	0	714	153	0	0	0	0.00	0.00	0
OH306	OH279	5.47	0 1-	2ACSR	0	0	692	152	0	0	0	0.00	0.00	0
OH307	OH306	5.54	0 1-	2ACSR	0	0	682	151	0	0	0	0.00	0.00	0
OH309	OH307	5.58	0 1-	2ACSR	0	0	676	151	0	0	0	0.00	0.00	0
OH310	OH309	5.63	0 1-	2ACSR	0	0	669	151	0	0	0	0.00	0.00	0
OH308	OH307	5.59	0 1-	2ACSR	0	0	675	151	0	0	0	0.00	0.00	0
OH301	OH279	5.52	0 1-	2ACSR	0	0	684	152	0	0	0	0.00	0.00	0
OH328	OH301	5.59	0 1-	2ACSR	0	0	675	151	0	0	0	0.00	0.00	0
OH302	OH301	5.68	0 1-	2ACSR	0	0	663	151	0	0	0	0.00	0.00	0
OH303	OH302	5.82	0 1-	2ACSR	0	0	646	150	0	0	0	0.00	0.00	0
OH305	OH303	5.89	0 1-	2ACSR	0	0	637	149	0	0	0	0.00	0.00	0
OH304	OH303	5.85	0 1-	2ACSR	0	0	641	150	0	0	0	0.00	0.00	0
OH280	OH279	5.42	0 1-	2ACSR	0	0	698	152	0	0	0	0.00	0.00	0
OH300	OH280	5.53	0 1-	2ACSR	0	0	683	151	0	0	0	0.00	0.00	0
OH281	OH280	5.56	0 1-	2ACSR	0	0	679	151	0	0	0	0.00	0.00	0
OH296	OH281	5.64	0 1-	2ACSR	0	0	668	151	0	0	0	0.00	0.00	0
OH297	OH296	5.74	0 1-	2ACSR	0	0	656	150	0	0	0	0.00	0.00	0
OH298	OH297	5.81	0 1-	2ACSR	0	0	647	150	0	0	0	0.00	0.00	0
OH282	OH281	5.67	0 1-	2ACSR	0	0	665	151	0	0	0	0.00	0.00	0
OH295	OH282	5.75	0 1-	2ACSR	0	0	654	150	0	0	0	0.00	0.00	0
OH294	OH282	5.77	0 1-	2ACSR	0	0	651	150	0	0	0	0.00	0.00	0
OH284	OH294	5.90	0 1-	2ACSR	0	0	636	149	0	0	0	0.00	0.00	0
OH285	OH284	6.06	0 1-	2ACSR	0	0	618	148	0	0	0	0.00	0.00	0
OH286	OH285	6.33	0 1-	2ACSR	0	0	588	147	0	0	0	0.00	0.00	0
OH287	OH286	6.42	0 1-	2ACSR	0	0	579	146	0	0	0	0.00	0.00	0
OH293	OH287	6.53	0 1-	2ACSR	0	0	569	146	0	0	0	0.00	0.00	0
OH292	OH287	6.49	0 1-	2ACSR	0	0	572	146	0	0	0	0.00	0.00	0
OH291	OH292	6.60	0 1-	2ACSR	0	0	562	145	0	0	0	0.00	0.00	0
OH288	OH292	6.71	0 1-	2ACSR	0	0	552	145	0	0	0	0.00	0.00	0
OH289	OH288	6.80	0 1-	2ACSR	0	0	544	144	0	0	0	0.00	0.00	0
OH283	OH294	5.84	0 1-	2ACSR	0	0	643	150	0	0	0	0.00	0.00	0
OH275	OH274	4.99	0 1-	2ACSR	0	0	765	155	0	0	0	0.00	0.00	0
OH272	OH268	4.83	0 1-	2ACSR	0	0	795	156	0	0	0	0.00	0.00	0
OH273	OH272	4.88	0 1-	2ACSR	0	0	785	155	0	0	0	0.00	0.00	0
OH269	OH268	4.86	0 1-	2ACSR	0	0	789	156	0	0	0	0.00	0.00	0
OH270	OH269	4.91	0 1-	2ACSR	0	0	780	155	0	0	0	0.00	0.00	0
OH317	OH270	5.00	0 1-	2ACSR	0	0	765	155	0	0	0	0.00	0.00	0
OH319	OH317	5.02	0 1-	2ACSR	0	0	760	154	0	0	0	0.00	0.00	0
OH318	OH317	5.02	0 1-	2ACSR	0	0	760	155	0	0	0	0.00	0.00	0
OH316	OH270	4.94	0 1-	2ACSR	0	0	774	155	0	0	0	0.00	0.00	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1592	CO1768	2.57	1 1-	4ACSR	0	0	1671	171	5	0	1	0.00	1.71	0
CO1617	CO1537	2.39	1 1-	4ACSR	0	0	1850	173	12	1	1	0.00	1.71	0
OC-1349978402	CO1617	2.39	0 1-	20 N FUSE	0	0	1850	173	0	0	0	0.00	1.71	0
CO1551	CO1537	2.40	31 3-	336ACSR	2444	2263	1883	174	262	12	2	0.01	1.71	0
CO1550	CO1551	2.50	31 3-	336ACSR	2386	2208	1830	174	262	12	2	0.01	1.72	3
CO2021	CO1550	2.50	0 3-	336ACSR	2383	2206	1828	174	0	0	0	0.00	1.72	0
CO1595	CO1550	2.54	1 1-	4ACSR	0	0	1783	173	0	0	0	0.00	1.72	0
OC-968856808	CO1595	2.54	0 1-	20 N FUSE	0	0	1783	173	0	0	0	0.00	1.72	0
CO8216	CO1550	2.60	30 1-	4ACSR	0	0	1729	173	262	36	26	0.17	1.88	68
OC1758870581	CO8216	2.60	28 1-	20 N FUSE	0	0	1729	173	243	33	168	0.00	1.88	0
CO2599	OC1758870581	2.64	28 1-	4ACSR	0	0	1696	172	243	33	24	0.06	1.94	22
CO2596	CO2599	2.87	27 1-	4ACSR	0	0	1499	170	240	33	24	0.36	2.30	139
CO2598	CO2596	2.97	27 1-	4ACSR	0	0	1430	169	239	33	24	0.14	2.44	55
CO530736926	CO2598	2.99	26 1-	2ACSR	0	0	1418	169	238	33	18	0.02	2.46	8
CO-544433836	CO530736926	3.03	1 1-	2ACSR	0	0	1396	168	8	1	1	0.00	2.47	0
CO-884128009	CO530736926	3.00	25 1-	2ACSR	0	0	1409	169	230	31	18	0.02	2.48	6
CO2450	CO-884128009	3.06	1 1-	4ACSR	0	0	1371	168	34	4	3	0.01	2.49	0
CO2810	CO-884128009	3.07	24 1-	4ACSR	0	0	1365	168	196	27	19	0.08	2.56	25
CO2493	CO2810	3.13	1 1-	1/0PRIURD	0	0	1341	393	7	0	1	0.00	2.56	0
CO2811	CO2810	3.13	22 1-	4ACSR	0	0	1325	167	183	25	18	0.07	2.63	21
CO2484	CO2811	3.18	15 1-	4ACSR	0	0	1296	167	117	16	12	0.03	2.67	6
CO2766	CO2484	3.32	14 1-	4ACSR	0	0	1217	165	101	14	10	0.09	2.75	14
CO2767	CO2766	3.37	13 1-	4ACSR	0	0	1192	165	94	12	9	0.03	2.78	4
CO2765	CO2767	3.44	12 1-	4ACSR	0	0	1156	164	84	11	8	0.04	2.82	5
CO2470	CO2765	3.50	1 1-	4ACSR	0	0	1128	164	1	0	0	0.00	2.82	0
CO2469	CO2765	3.50	2 1-	4ACSR	0	0	1128	164	5	0	0	0.00	2.82	0
CO2410	CO2765	3.69	9 1-	4ACSR	0	0	1046	162	77	10	8	0.12	2.94	15
CO2468	CO2410	3.75	1 1-	4ACSR	0	0	1023	161	10	1	1	0.00	2.94	0
CO2409	CO2410	3.75	8 1-	4ACSR	0	0	1023	161	67	9	7	0.03	2.96	3
CO2471	CO2409	3.87	1 1-	4ACSR	0	0	978	160	4	0	0	0.00	2.96	0
CO2408	CO2409	3.79	7 1-	4ACSR	0	0	1009	161	63	8	6	0.01	2.98	0
CO2472	CO2408	3.88	1 1-	4ACSR	0	0	974	160	17	2	2	0.01	2.98	0
CO2407	CO2408	3.97	6 1-	4ACSR	0	0	942	159	46	6	5	0.05	3.03	4
CO2634	CO2407	4.07	5 1-	4ACSR	0	0	911	158	43	5	4	0.03	3.06	0
CO2635	CO2634	4.18	5 1-	4ACSR	0	0	879	157	43	5	4	0.03	3.09	0
CO2467	CO2635	4.26	1 1-	4ACSR	0	0	855	156	8	1	1	0.00	3.09	0
CO2406	CO2635	4.22	4 1-	4ACSR	0	0	865	157	35	4	3	0.01	3.10	0
CO2632	CO2406	4.32	3 1-	4ACSR	0	0	839	156	17	2	2	0.01	3.11	0
CO2633	CO2632	4.39	3 1-	4ACSR	0	0	820	155	17	2	2	0.01	3.11	0
CO2628	CO2633	4.46	2 1-	4ACSR	0	0	803	155	6	0	1	0.00	3.12	0
CO2629	CO2628	4.53	2 1-	4ACSR	0	0	785	154	6	0	1	0.00	3.12	0
CO2631	CO2629	4.63	1 1-	4ACSR	0	0	764	153	3	0	0	0.00	3.12	0
CO2801	CO2629	4.60	1 1-	4ACSR	0	0	769	153	3	0	0	0.00	3.12	0
CO2800	CO2801	4.67	1 1-	4ACSR	0	0	755	153	3	0	0	0.00	3.12	0
CO2491	CO2633	4.45	0 1-	2ACSR	0	0	809	155	0	0	0	0.00	3.11	0
CO2465	CO2633	4.45	1 1-	4ACSR	0	0	805	155	11	1	1	0.00	3.12	0
CO2466	CO2406	4.27	1 1-	4ACSR	0	0	852	156	18	2	2	0.00	3.10	0
CO2760	CO2406	4.27	0 1-	4ACSR	0	0	852	156	0	0	0	0.00	3.10	0
CO2762	CO2760	4.34	0 1-	4ACSR	0	0	833	156	0	0	0	0.00	3.10	0
CO2761	CO2762	4.46	0 1-	4ACSR	0	0	803	155	0	0	0	0.00	3.10	0
CO2764	CO2407	4.07	1 1-	4ACSR	0	0	911	158	3	0	0	0.00	3.03	0
CO2763	CO2764	4.16	1 1-	4ACSR	0	0	882	157	3	0	0	0.00	3.03	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2649	CO2811	3.17	6 1-	2ACSR	0	0	1307	167	57	7	4	0.01	2.64	0
CO2485	CO2649	3.21	1 1-	2ACSR	0	0	1290	167	9	1	1	0.00	2.64	0
CO2648	CO2649	3.19	5 1-	2ACSR	0	0	1296	167	48	6	4	0.00	2.65	0
CO2486	CO2648	3.21	1 1-	2ACSR	0	0	1289	167	15	2	1	0.00	2.65	0
CO2427	CO2648	3.24	4 1-	1/0PRIURD	0	0	1281	387	33	4	3	0.00	2.65	0
CO2827	CO2427	3.36	4 1-	1/0PRIURD	0	0	1239	384	33	4	3	0.01	2.66	0
CO8386	CO2827	3.49	3 1-	1/0PRIURD	0	0	1195	380	22	3	2	0.01	2.67	0
CO1650	CO8386	3.53	2 1-	1/0PRIURD	0	0	1183	379	13	1	1	0.00	2.67	0
CO8385	CO1650	3.70	1 1-	1/0PRIURD	0	0	1134	375	9	1	1	0.00	2.67	0
CO2733	CO2599	2.69	1 1-	4ACSR	0	0	1650	172	3	0	0	0.00	1.94	0
CO2732	CO2733	2.75	1 1-	4ACSR	0	0	1593	171	3	0	0	0.00	1.94	0
CO8222	CO1535	2.16	8 1-	4ACSR	0	0	2014	174	98	13	10	0.03	1.70	5
OC245485032	CO8222	2.16	8 1-	20 N FUSE	0	0	2014	174	97	13	68	0.00	1.70	0
CO2739	OC245485032	2.24	6 1-	4ACSR	0	0	1920	173	76	10	8	0.04	1.74	5
CO2740	CO2739	2.26	5 1-	4ACSR	0	0	1894	173	76	10	8	0.01	1.75	0
CO2452	CO2740	2.29	2 1-	4ACSR	0	0	1862	173	22	3	2	0.00	1.75	0
CO2741	CO2740	2.36	1 1-	4ACSR	0	0	1781	172	21	2	2	0.01	1.76	0
CO2738	CO2740	2.31	2 1-	4ACSR	0	0	1842	173	33	4	3	0.01	1.76	0
CO2737	CO2738	2.36	1 1-	4ACSR	0	0	1781	172	10	1	1	0.00	1.76	0
CO2736	OC245485032	2.21	2 1-	4ACSR	0	0	1955	174	21	2	2	0.01	1.71	0
CO2451	CO2736	2.27	2 1-	4ACSR	0	0	1878	173	21	2	2	0.01	1.72	0
CO1492366044	CO2451	2.32	1 1-	2ACSR	0	0	1834	173	12	1	1	0.00	1.72	0
CO2735	CO2736	2.25	0 1-	4ACSR	0	0	1912	173	0	0	0	0.00	1.71	0
CO2734	CO2735	2.29	0 1-	4ACSR	0	0	1858	173	0	0	0	0.00	1.71	0
CO8221	CO8220	2.02	1 1-	4ACSR	0	0	2113	174	6	0	1	0.00	1.64	0
OC273177945	CO8221	2.02	0 1-	20 N FUSE	0	0	2113	174	0	0	0	0.00	1.64	0
CO8190	CO8220	2.13	1 1-	4ACSR	0	0	1965	173	18	2	2	0.01	1.65	0
OC-1518578357	CO8190	2.13	0 1-	20 N FUSE	0	0	1965	173	0	0	0	0.00	1.65	0
CO8189	CO779	1.91	1 1-	4ACSR	0	0	2131	174	9	1	1	0.01	1.60	0
OC-1519958413	CO8189	1.91	1 1-	20 N FUSE	0	0	2131	174	9	1	6	0.00	1.60	0
CO90	OC-1519958413	1.99	1 1-	4ACSR	0	0	2019	173	9	1	1	0.00	1.60	0
CO382	CO477	1.53	1 1-	4ACSR	0	0	2551	175	8	1	1	0.00	1.49	0
OC-423471039	CO382	1.53	0 1-	20 N FUSE	0	0	2551	175	0	0	0	0.00	1.49	0
CO381	CO777	1.33	1 3-	4ACSR	3494	3270	2874	176	16	0	1	0.00	1.44	0
CO335	CO792	1.01	108 3-	336ACSR	4119	3904	3525	178	2942	132	26	0.03	1.37	119
CO642	CO335	1.02	108 3-	336ACSR	4108	3893	3513	178	2941	132	26	0.01	1.38	21
SW12-B	CO642	1.02	108 3-	Closed	4108	3893	3513	178	2941	132	0	0.00	1.38	0
SW12-A	SW12-B	1.02	108 3-	Closed	4108	3893	3513	178	2941	132	0	0.00	1.38	0
CO643	SW12-A	1.16	108 3-	336ACSR	3887	3665	3268	178	2941	132	26	0.12	1.50	449
CO473	CO643	1.17	107 3-	4/0ACSR	3875	3653	3256	178	2905	131	39	0.01	1.51	33
CA52	CO473	1.17	0 3-	Capacitor	3875	3653	3256	178	0	-14	0	0.00	1.51	0
CO474	CO473	1.21	107 3-	4/0ACSR	3792	3568	3169	177	2904	134	40	0.07	1.57	246
CO760	CO474	1.23	107 3-	4/0ACSR	3763	3539	3138	177	2903	134	40	0.02	1.60	88
FD778621902	CO760	1.23	104 3-	_DefaultBayEqui	3763	3539	3138	177	2854	132	0	0.00	1.60	0
CO761	FD778621902	1.26	104 3-	4/0ACSR	3713	3488	3086	177	2854	132	39	0.04	1.64	151
OC778621902	CO761	1.26	103 3-	20 N FUSE	3713	3488	3086	177	2851	132	660	0.00	1.64	0
CO765	OC778621902	1.30	103 3-	4/0ACSR	3649	3423	3020	177	2851	132	39	0.06	1.70	199
CO766	CO765	1.32	101 3-	4/0ACSR	3620	3394	2991	177	2613	121	36	0.02	1.72	71
CO764	CO766	1.33	93 3-	4/0ACSR	3600	3374	2971	177	2398	111	33	0.02	1.73	46
CO763	CO764	1.36	92 3-	4/0ACSR	3558	3332	2929	177	2372	109	32	0.03	1.76	91
CO762	CO763	1.37	86 3-	4/0ACSR	3545	3319	2915	177	2264	104	31	0.01	1.77	27
CO767	CO762	1.39	86 3-	4/0ACSR	3507	3281	2877	177	2264	104	31	0.03	1.80	82

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
	CO768	CO767	1.42	86 3-	4/0ACSR	3476	3249	2845	177	2263	104	31	0.02	1.83	68
	CO426	CO768	1.44	0 1-	1/0PRIURD	0	0	2815	454	0	0	0	0.00	1.83	0
	CO769	CO768	1.44	86 3-	4/0ACSR	3442	3216	2812	177	2263	104	31	0.03	1.85	73
400332186	CO769	CO769	1.44	1 3-	Consumer	3442	3216	2812	177	338	15	0	0.00	1.85	0
	CO770	CO769	1.46	85 3-	4/0ACSR	3412	3185	2782	177	1924	89	26	0.02	1.87	46
	CO771	CO770	1.48	83 3-	4/0ACSR	3382	3155	2752	177	1769	82	24	0.02	1.89	37
	CO772	CO771	1.52	78 3-	4/0ACSR	3336	3110	2707	177	1507	69	21	0.03	1.91	48
	CO773	CO772	1.53	77 3-	4/0ACSR	3311	3085	2683	176	1267	58	17	0.01	1.93	18
CO8186	CO773	CO773	1.57	77 3-	4/0ACSR	3265	3039	2638	176	1267	58	17	0.02	1.95	36
CO8184	CO8186	CO8186	1.59	77 3-	4/0ACSR	3237	3011	2610	176	1267	58	17	0.01	1.96	22
CO8185	CO8184	CO8184	1.61	0 1-	4ACSR	0	0	2574	176	0	0	0	0.00	1.96	0
	CO775	CO8184	1.63	77 3-	4/0ACSR	3194	2969	2569	176	1267	58	17	0.02	1.98	34
	CO774	CO775	1.71	77 3-	4/0ACSR	3090	2866	2470	176	1267	58	17	0.05	2.04	87
	CO462	CO774	1.75	76 3-	4/0ACSR	3047	2827	2429	176	801	37	11	0.02	2.05	15
SW210633826-B	CO462	CO462	1.75	76 3-	Closed	3047	2827	2429	176	801	37	0	0.00	2.05	0
SW210633826-A	SW210633826-B	SW210633826-B	1.75	76 3-	Closed	3047	2827	2429	176	801	37	0	0.00	2.05	0
	CO329	SW210633826-A	1.82	73 3-	4/0ACSR	2974	2758	2361	176	750	34	10	0.02	2.08	23
	CO372	CO329	1.89	1 1-	4/0ACSR	0	0	2288	175	4	0	0	0.00	2.08	0
	CO330	CO329	1.85	72 3-	4/0ACSR	2944	2730	2333	176	746	34	10	0.01	2.09	10
	CO751	CO330	1.86	27 3-	4/0ACSR	2925	2712	2315	176	259	12	4	0.00	2.09	0
	CO752	CO751	1.88	24 3-	4/0ACSR	2909	2697	2300	176	226	10	3	0.00	2.09	0
	CO750	CO752	1.91	21 3-	4/0ACSR	2877	2666	2270	175	183	8	3	0.00	2.09	0
	CO749	CO750	1.94	17 3-	4/0ACSR	2847	2638	2242	175	148	6	2	0.00	2.09	0
	CO748	CO749	1.96	16 3-	4/0ACSR	2831	2624	2228	175	136	6	2	0.00	2.10	0
	CO747	CO748	1.99	14 3-	4/0ACSR	2796	2591	2196	175	121	5	2	0.00	2.10	0
	CO547	CO747	2.03	13 1-	4/0ACSR	0	0	2166	175	100	13	4	0.01	2.10	0
OC-448033833	CO547	CO547	2.03	9 1-	20 N FUSE	0	0	2166	175	59	8	41	0.00	2.10	0
	CO726	OC-448033833	2.04	2 1-	4/0ACSR	0	0	2153	175	22	3	1	0.00	2.10	0
	CO727	CO726	2.06	0 1-	4/0ACSR	0	0	2141	175	0	0	0	0.00	2.10	0
	CO370	OC-448033833	2.04	7 1-	4/0ACSR	0	0	2156	175	37	5	2	0.00	2.10	0
	CO628	CO370	2.07	5 1-	4/0ACSR	0	0	2134	175	23	3	1	0.00	2.11	0
	CO631	CO628	2.11	5 1-	4/0ACSR	0	0	2103	175	23	3	1	0.00	2.11	0
	CO629	CO631	2.12	5 1-	4/0ACSR	0	0	2097	175	23	3	1	0.00	2.11	0
	CO630	CO629	2.16	3 1-	4/0ACSR	0	0	2059	175	7	0	0	0.00	2.11	0
	CO331	CO330	1.88	44 3-	4/0ACSR	2907	2695	2298	176	486	22	7	0.01	2.09	5
	CO458	CO331	1.99	43 3-	4/0ACSR	2802	2596	2201	175	472	21	6	0.02	2.12	15
	CO756	CO458	2.00	43 3-	4/0ACSR	2789	2584	2189	175	472	21	6	0.00	2.12	0
	CO757	CO756	2.02	42 3-	4/0ACSR	2772	2568	2174	175	462	21	6	0.00	2.13	2
OC1595576494	CO757	CO757	2.02	0 3-	35 A OCR	2772	2568	2174	175	0	0	0	0.00	2.13	0
	CO734	CO757	2.05	21 1-	4/0ACSR	0	0	2149	175	214	29	9	0.01	2.14	3
	CO735	CO734	2.08	17 1-	4/0ACSR	0	0	2125	175	175	24	7	0.01	2.15	0
	CO371	CO735	2.09	2 1-	4/0ACSR	0	0	2120	175	28	3	1	0.00	2.15	0
	CO754	CO735	2.10	12 1-	4/0ACSR	0	0	2105	175	115	16	5	0.01	2.15	0
	CO755	CO754	2.13	10 1-	4/0ACSR	0	0	2089	175	92	12	4	0.00	2.16	0
	CO753	CO755	2.15	5 1-	4/0ACSR	0	0	2069	175	45	6	2	0.00	2.16	0
	CO548	CO757	2.03	18 1-	4/0ACSR	0	0	2169	175	209	29	9	0.00	2.13	0
	CO732	CO548	2.04	18 1-	4/0ACSR	0	0	2153	175	209	29	9	0.01	2.14	0
	CO733	CO732	2.07	14 1-	4/0ACSR	0	0	2131	175	164	22	7	0.01	2.14	0
	CO731	CO733	2.10	11 1-	4/0ACSR	0	0	2105	175	127	17	5	0.01	2.15	0
	CO730	CO731	2.13	9 1-	4/0ACSR	0	0	2087	175	100	13	4	0.00	2.15	0
	CO728	CO730	2.15	6 1-	4/0ACSR	0	0	2067	175	60	8	2	0.00	2.16	0
	CO729	CO728	2.17	3 1-	4/0ACSR	0	0	2051	175	29	4	1	0.00	2.16	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO647	CO331	1.96	0 3-	4/0ACSR	2825	2618	2223	175	0	0	0	0.00	2.09	0
SW13-B	CO647	1.96	0 3-	Open	2825	2618	2223	175	0	0	0	0.00	2.09	0
CO550	SW210633826-A	1.81	3 3-	4/0ACSR	2984	2768	2370	176	52	2	1	0.00	2.05	0
CO758	CO550	1.84	3 3-	4/0ACSR	2951	2737	2339	176	52	2	1	0.00	2.05	0
CO759	CO758	1.87	2 3-	4/0ACSR	2924	2711	2314	176	46	2	1	0.00	2.05	0
CO549	CO759	1.87	1 3-	4/0ACSR	2914	2702	2305	176	27	1	0	0.00	2.05	0
400332104	CO774	1.71	1 3-	Consumer	3090	2866	2470	176	465	21	0	0.00	2.04	0
400332105	CO772	1.52	1 3-	Consumer	3336	3110	2707	177	240	11	0	0.00	1.91	0
400332115	CO765	1.30	1 3-	Consumer	3649	3423	3020	177	236	10	0	0.00	1.70	0
CO378	CO761	1.29	1 1-	4ACSR	0	0	3024	177	1	0	0	0.00	1.64	0
CO30687	CO643	1.21	1 3-	4/0ACSR	3799	3575	3176	177	34	1	0	0.00	1.50	0
CO377	CO643	1.18	0 1-	4ACSR	0	0	3214	177	0	0	0	0.00	1.50	0
CO438	CO530	0.59	1 3-	4ACSR	4916	4749	4481	178	21	0	1	0.00	0.81	0
CO397	CO680	0.18	1 1-	4ACSR	0	0	6009	179	1	0	0	0.00	0.19	0
OC-562549125	CO397	0.18	0 1-	20 N FUSE	0	0	6009	179	0	0	0	0.00	0.19	0
CO450	CO449	0.02	637 3-	750 MCM - 42 Wi	6772	7170	7284	180	6960	312	27	0.01	0.03	47
Park Hills	CO450	0.02	637 3-	WVE	6772	7170	7284	180	6959	312	56	0.00	0.03	0
CO446	Park Hills	0.03	637 3-	556ACSR	6734	7107	7216	180	6959	312	44	0.01	0.05	100
CO695	CO446	0.04	637 3-	556ACSR	6692	7038	7141	180	6959	312	44	0.02	0.06	112
OC1497729333	CO695	0.04	636 3-	20 N FUSE	6692	7038	7141	180	6946	311	557	0.00	0.06	0
CO696	OC1497729333	0.05	636 3-	556ACSR	6626	6933	7026	180	6946	311	44	0.02	0.08	175
CO517	CO696	0.10	14 3-	336ACSR	6454	6662	6733	180	1117	50	10	0.01	0.10	19
CO709	CO517	0.12	11 3-	336ACSR	6366	6529	6587	179	1107	49	10	0.01	0.11	10
CO710	CO709	0.14	11 3-	336ACSR	6277	6398	6441	179	1107	49	10	0.01	0.11	10
CO708	CO710	0.18	8 3-	336ACSR	6156	6225	6247	179	1082	48	9	0.01	0.13	14
CO707	CO708	0.19	6 3-	336ACSR	6112	6163	6177	179	1066	48	9	0.00	0.13	5
CO366	CO707	0.37	5 3-	336ACSR	5540	5453	5321	179	1046	47	9	0.06	0.19	70
CO442	CO366	0.46	1 3-	1/0PRIURD	5455	5260	4896	468	287	12	9	0.02	0.20	9
OC-1465712088	CO442	0.46	0 3-	20 N FUSE	5455	5260	4896	468	0	0	0	0.00	0.20	0
400332235	CO442	0.46	1 3-	Consumer	5455	5260	4896	468	287	12	0	0.00	0.20	0
CO425	CO366	0.38	0 1-	4ACSR	0	0	5208	179	0	0	0	0.00	0.19	0
CO617	CO366	0.40	4 3-	4ACSR	5350	5233	5057	179	759	34	24	0.05	0.24	64
CO615	CO617	0.49	4 3-	1/0PRIURD	5263	5122	4772	465	758	34	23	0.04	0.28	56
OC-850633901	CO615	0.49	4 3-	20 N FUSE	5263	5122	4772	465	758	34	171	0.00	0.28	0
CO424	OC-850633901	0.54	1 3-	1/0PRIURD	5197	5033	4584	463	270	12	8	0.01	0.29	5
400322146	CO424	0.54	1 3-	Consumer	5197	5033	4584	463	270	12	0	0.00	0.29	0
CO614	OC-850633901	0.54	3 3-	1/0PRIURD	5206	5044	4606	463	488	22	15	0.02	0.29	14
CO789	CO614	0.56	3 3-	1/0PRIURD	5183	5013	4545	462	488	22	15	0.01	0.30	5
CO790	CO789	0.60	1 3-	1/0PRIURD	5124	4932	4395	460	463	20	14	0.01	0.32	12
CO616	CO790	0.63	1 3-	1/0PRIURD	5094	4891	4322	459	463	20	14	0.01	0.32	6
400332183	CO616	0.63	1 3-	Consumer	5094	4891	4322	459	463	20	0	0.00	0.32	0
CO365	CO707	0.23	1 3-	2ACSR	5883	5866	5826	179	20	0	0	0.00	0.13	0
CO485	CO696	0.10	622 3-	556ACSR	6461	6678	6743	180	5828	261	37	0.05	0.14	323
CO623	CO485	0.12	3 3-	2ACSR	6329	6465	6524	179	607	27	15	0.02	0.15	16
OC-618160725	CO623	0.12	3 3-	20 N FUSE	6329	6465	6524	179	607	27	137	0.00	0.15	0
CO621	OC-618160725	0.16	3 3-	2ACSR	6121	6158	6193	179	607	27	15	0.03	0.18	25
CO622	CO621	0.20	2 3-	2ACSR	5901	5901	5858	179	389	17	10	0.02	0.20	11
400323070	CO622	0.20	1 3-	Consumer	5901	5901	5858	179	381	17	0	0.00	0.20	0
400323076	CO621	0.16	1 3-	Consumer	6121	6158	6193	179	218	9	0	0.00	0.18	0
CO486	CO485	0.10	618 3-	556ACSR	6443	6652	6713	180	5219	233	33	0.01	0.14	28
CO805	CO486	0.13	618 3-	556ACSR	6340	6500	6542	179	5219	233	33	0.03	0.17	168

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO589	CO805	0.17	1 3-	4/0ACSR	6172	6256	6276	179	469	21	6	0.01	0.18	5
OC-126607441	CO589	0.17	1 3-	20 N FUSE	6172	6256	6276	179	469	21	106	0.00	0.18	0
CO590	OC-126607441	0.22	1 3-	4/0ACSR	5973	5982	5972	179	469	21	6	0.01	0.19	6
400322085	CO590	0.22	1 3-	Consumer	5973	5982	5972	179	469	21	0	0.00	0.19	0
CO342	CO805	0.16	617 3-	556ACSR	6241	6357	6379	179	4748	212	30	0.03	0.20	139
CO820	CO342	0.24	616 3-	556ACSR	5975	5993	5959	179	4747	212	30	0.08	0.28	394
CO821	CO820	0.25	616 3-	556ACSR	5939	5945	5904	179	4745	212	30	0.01	0.29	56
CO620	CO821	0.29	3 3-	2ACSR	5736	5672	5602	179	40	1	1	0.00	0.29	0
OC-340009736	CO620	0.29	2 3-	20 N FUSE	5736	5672	5602	179	25	1	6	0.00	0.29	0
CO713	OC-340009736	0.36	2 3-	2ACSR	5397	5289	5126	179	25	1	1	0.00	0.29	0
CO714	CO713	0.39	1 3-	2ACSR	5291	5169	4983	178	21	0	1	0.00	0.29	0
CO484	CO821	0.34	613 3-	556ACSR	5678	5611	5514	179	4705	210	30	0.08	0.37	418
CO671	CO484	0.37	612 3-	556ACSR	5597	5511	5397	179	4694	210	30	0.03	0.39	136
CO672	CO671	0.41	611 3-	556ACSR	5485	5375	5237	179	4650	208	29	0.04	0.43	193
CO362	CO672	0.47	611 3-	4/0ACSR	5285	5147	4967	179	4649	208	61	0.12	0.55	749
CO697	CO362	0.55	606 3-	4/0ACSR	5038	4880	4646	179	4614	206	61	0.16	0.70	986
CO698	CO697	0.57	605 3-	4/0ACSR	4980	4817	4572	179	4609	206	61	0.04	0.74	245
CO588	CO698	0.63	9 1-	4ACSR	0	0	4261	178	33	4	3	0.01	0.75	0
OC-1054591213	CO588	0.63	8 1-	20 N FUSE	0	0	4261	178	31	4	21	0.00	0.75	0
CO669	OC-1054591213	0.65	8 1-	4ACSR	0	0	4163	178	31	4	3	0.00	0.76	0
CO699	CO669	0.66	7 1-	4ACSR	0	0	4091	178	24	3	2	0.00	0.76	0
CO700	CO699	0.70	5 1-	4ACSR	0	0	3900	177	15	2	1	0.00	0.76	0
CO670	CO700	0.74	4 1-	4ACSR	0	0	3718	177	8	1	1	0.00	0.76	0
CO483	CO698	0.61	596 3-	4/0ACSR	4856	4683	4415	179	4575	205	60	0.09	0.83	538
CO674	CO483	0.68	596 3-	4/0ACSR	4674	4489	4193	178	4572	205	60	0.13	0.96	827
CO675	CO674	0.70	593 3-	4/0ACSR	4616	4427	4123	178	4547	204	60	0.04	1.00	275
CO673	CO675	0.73	592 3-	4/0ACSR	4549	4357	4044	178	4519	203	60	0.05	1.05	319
CO568	CO673	0.79	5 1-	4ACSR	0	0	3804	178	25	3	2	0.01	1.06	0
OC-1575809686	CO568	0.79	4 1-	20 N FUSE	0	0	3804	178	24	3	16	0.00	1.06	0
CO570	OC-1575809686	0.86	4 1-	4ACSR	0	0	3507	177	24	3	2	0.01	1.07	0
CO569	CO570	0.90	1 1-	4ACSR	0	0	3369	176	5	0	0	0.00	1.07	0
CO273190733	CO570	0.97	1 1-	2ACSR	0	0	3187	176	11	1	1	0.00	1.07	0
CO388	CO673	0.81	1 1-	4ACSR	0	0	3727	177	1	0	0	0.00	1.05	0
OC-43351377	CO388	0.81	0 1-	20 N FUSE	0	0	3727	177	0	0	0	0.00	1.05	0
CO337	CO673	0.80	583 3-	4/0ACSR	4393	4193	3861	178	4470	201	59	0.12	1.18	770
CO383	CO337	0.83	1 1-	4ACSR	0	0	3712	178	19	2	2	0.00	1.18	0
OC-1702724262	CO383	0.83	0 1-	20 N FUSE	0	0	3712	178	0	0	0	0.00	1.18	0
CO352	CO337	0.84	581 3-	4/0ACSR	4300	4095	3754	178	4442	199	59	0.08	1.25	480
CO653	CO352	0.84	33 1-	6ACWC	0	0	3743	178	257	35	25	0.00	1.26	0
OC20	CO653	0.84	33 1-	70 L OCR	0	0	3743	178	257	35	50	0.00	1.26	0
CO654	OC20	0.88	33 1-	6ACWC	0	0	3591	177	257	35	25	0.06	1.32	27
CO565	CO654	0.95	7 1-	4ACSR	0	0	3367	177	55	7	5	0.02	1.34	0
CO564	CO565	0.98	3 1-	4ACSR	0	0	3243	176	27	3	3	0.01	1.35	0
CO567	CO564	1.00	2 1-	4ACSR	0	0	3187	176	19	2	2	0.00	1.35	0
CO566	CO567	1.07	2 1-	4ACSR	0	0	2990	175	19	2	2	0.00	1.35	0
CO399	CO565	0.99	2 1-	4ACSR	0	0	3230	176	15	2	1	0.00	1.34	0
CO341	CO654	0.99	26 1-	6ACWC	0	0	3234	176	202	27	20	0.13	1.45	42
CO701	CO341	1.08	4 1-	4ACSR	0	0	2963	175	22	3	2	0.01	1.46	0
CO702	CO701	1.13	2 1-	4ACSR	0	0	2811	175	8	1	1	0.00	1.46	0
CO581	CO702	1.19	2 1-	4ACSR	0	0	2657	174	8	1	1	0.00	1.47	0
CO579	CO581	1.22	1 1-	4ACSR	0	0	2582	174	7	0	1	0.00	1.47	0
CO580	CO579	1.28	1 1-	4ACSR	0	0	2459	173	7	0	1	0.00	1.47	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO340	CO341	1.05	22 1-	6ACWC	0	0	3028	176	179	24	18	0.07	1.53	21
CO705	CO340	1.10	19 1-	6ACWC	0	0	2908	175	142	19	14	0.03	1.56	7
CO706	CO705	1.21	15 1-	6ACWC	0	0	2631	174	121	16	12	0.08	1.64	14
CO482	CO706	1.25	13 1-	6ACWC	0	0	2522	173	107	14	10	0.03	1.67	5
CO578	CO482	1.33	3 1-	4ACSR	0	0	2369	173	5	0	0	0.00	1.67	0
CO576	CO578	1.38	2 1-	4ACSR	0	0	2261	172	0	0	0	0.00	1.67	0
CO577	CO576	1.43	2 1-	4ACSR	0	0	2174	172	0	0	0	0.00	1.67	0
CO575	CO577	1.48	1 1-	4ACSR	0	0	2096	171	0	0	0	0.00	1.67	0
CO384	CO577	1.47	1 1-	4ACSR	0	0	2112	171	0	0	0	0.00	1.67	0
CO439	CO578	1.37	0 1-	4ACSR	0	0	2288	172	0	0	0	0.00	1.67	0
CO481	CO482	1.35	10 1-	6ACWC	0	0	2332	173	102	14	10	0.05	1.72	9
OC868808435	CO481	1.35	8 1-	20 N FUSE	0	0	2332	173	89	12	61	0.00	1.72	0
CO480	OC868808435	1.39	8 1-	6ACWC	0	0	2247	172	89	12	9	0.03	1.75	4
CO441	CO480	1.44	1 1-	1/0PRIURD	0	0	2199	423	11	1	1	0.00	1.75	0
CO339	CO480	1.45	7 1-	6ACWC	0	0	2153	171	78	10	8	0.03	1.78	3
CO586	CO339	1.47	4 1-	4ACSR	0	0	2109	171	42	5	4	0.01	1.78	0
CO587	CO586	1.52	4 1-	2ACSR	0	0	2046	171	42	5	3	0.01	1.79	0
CO566548282	CO587	1.57	2 1-	2ACSR	0	0	1994	171	22	2	2	0.00	1.80	0
CO584	CO566548282	1.61	1 1-	4ACSR	0	0	1940	170	11	1	1	0.00	1.80	0
CO585	CO584	1.69	1 1-	4ACSR	0	0	1828	169	11	1	1	0.00	1.80	0
CO387	CO566548282	1.60	0 1-	4ACSR	0	0	1948	170	0	0	0	0.00	1.80	0
CO386	CO566548282	1.62	1 1-	4ACSR	0	0	1916	170	11	1	1	0.00	1.80	0
CO-211028780	CO587	1.55	1 1-	2ACSR	0	0	2011	171	10	1	1	0.00	1.79	0
CO583	CO339	1.50	2 1-	4ACSR	0	0	2067	171	22	3	2	0.01	1.78	0
CO582	CO583	1.55	2 1-	4ACSR	0	0	1991	170	22	3	2	0.00	1.79	0
CO703	CO339	1.51	1 1-	4ACSR	0	0	2047	171	14	1	1	0.01	1.78	0
CO704	CO703	1.56	1 1-	4ACSR	0	0	1970	170	14	1	1	0.00	1.78	0
CO385	CO340	1.11	3 1-	4ACSR	0	0	2878	175	37	5	4	0.01	1.53	0
CO499	CO352	0.98	548 3-	4/0ACSR	4018	3803	3439	178	4183	188	55	0.24	1.49	1402
CO500	CO499	1.04	548 3-	4/0ACSR	3901	3682	3312	177	4176	188	55	0.11	1.60	638
CO803	CO500	1.06	548 3-	4/0ACSR	3868	3648	3277	177	4173	188	55	0.03	1.63	188
CO804	CO803	1.09	547 3-	4/0ACSR	3815	3594	3220	177	4167	188	55	0.05	1.69	304
OC23	CO804	1.09	542 3-	70 L OCR	3815	3594	3220	177	4114	185	265	0.00	1.69	0
CO822	OC23	1.09	90 3-	4ACSR	3797	3574	3201	177	780	35	25	0.01	1.69	12
CO823	CO822	1.15	90 3-	4ACSR	3629	3412	3030	177	780	35	25	0.09	1.78	112
CO431	CO823	1.28	1 1-	2ACSR	0	0	2766	176	3	0	0	0.00	1.78	0
OC562101907	CO431	1.28	0 1-	20 N FUSE	0	0	2766	176	0	0	0	0.00	1.78	0
CO677	CO823	1.19	89 3-	4ACSR	3535	3329	2937	176	776	35	25	0.05	1.83	63
CO678	CO677	1.21	88 3-	4ACSR	3491	3289	2894	176	773	35	25	0.02	1.85	30
CO676	CO678	1.28	87 3-	4ACSR	3285	3107	2700	175	769	35	25	0.11	1.96	141
CO398	CO676	1.33	1 1-	4ACSR	0	0	2593	175	5	0	1	0.00	1.96	0
OC-577494365	CO398	1.33	0 1-	20 N FUSE	0	0	2593	175	0	0	0	0.00	1.96	0
CO351	CO676	1.38	86 3-	4ACSR	3054	2903	2492	174	763	34	25	0.13	2.09	167
CO506	CO351	1.41	5 3-	4ACSR	2988	2844	2434	174	36	1	1	0.00	2.09	0
CO505	CO506	1.49	5 3-	4ACSR	2802	2678	2273	173	36	1	1	0.01	2.10	0
CO419	CO505	1.52	1 1-	4ACSR	0	0	2228	173	5	0	0	0.00	2.10	0
OC-707234162	CO419	1.52	0 1-	20 N FUSE	0	0	2228	173	0	0	0	0.00	2.10	0
CO683	CO505	1.51	2 1-	4ACSR	0	0	2246	173	22	3	2	0.00	2.10	0
OC-720971889	CO683	1.51	1 1-	20 N FUSE	0	0	2246	173	6	0	4	0.00	2.10	0
CO684	OC-720971889	1.56	1 1-	4ACSR	0	0	2163	172	6	0	1	0.00	2.10	0
CO360	CO505	1.63	2 3-	4ACSR	2528	2431	2042	171	9	0	0	0.00	2.10	0
CO17317	CO360	1.81	1 3-	4ACSR	2246	2174	1809	170	6	0	0	0.00	2.10	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2459	CO17317	1.84	0 1-	4ACSR	0	0	1770	169	0	0	0	0.00	2.10	0
CO2458	CO17317	1.87	0 1-	4ACSR	0	0	1744	169	0	0	0	0.00	2.10	0
OC-92611627	CO2458	1.87	0 1-	20 N FUSE	0	0	1744	169	0	0	0	0.00	2.10	0
CO418	CO360	1.69	1 1-	4ACSR	0	0	1961	171	3	0	0	0.00	2.10	0
OC441734494	CO418	1.69	0 1-	20 N FUSE	0	0	1961	171	0	0	0	0.00	2.10	0
CO350	CO351	1.46	81 3-	4ACSR	2877	2745	2337	173	726	33	24	0.10	2.19	126
CO414	CO350	1.50	2 1-	4ACSR	0	0	2268	173	14	1	1	0.00	2.20	0
OC219084537	CO414	1.50	0 1-	20 N FUSE	0	0	2268	173	0	0	0	0.00	2.20	0
CO349	CO350	1.55	79 3-	4ACSR	2688	2575	2175	172	711	32	23	0.12	2.31	138
CO415	CO349	1.61	2 1-	4ACSR	0	0	2085	172	17	2	2	0.00	2.31	0
OC932583395	CO415	1.61	0 1-	20 N FUSE	0	0	2085	172	0	0	0	0.00	2.31	0
CO498	CO349	1.61	76 3-	4ACSR	2580	2478	2085	172	676	31	22	0.07	2.38	77
CO497	CO498	1.64	72 3-	4ACSR	2511	2416	2028	171	651	29	21	0.04	2.42	49
CO601	CO497	1.69	3 1-	4ACSR	0	0	1960	171	28	3	3	0.01	2.43	0
CO605	CO601	1.71	1 1-	4ACSR	0	0	1934	171	15	2	1	0.00	2.43	0
CO604	CO605	1.73	1 1-	4ACSR	0	0	1909	170	15	2	1	0.00	2.44	0
CO416	CO604	1.76	1 1-	1/0PRIURD	0	0	1889	412	15	2	1	0.00	2.44	0
CO603	CO601	1.79	2 1-	4ACSR	0	0	1837	170	14	1	1	0.01	2.44	0
CO602	CO603	1.82	2 1-	4ACSR	0	0	1791	169	14	1	1	0.00	2.44	0
CO496	CO497	1.66	69 3-	4ACSR	2478	2386	2000	171	623	28	20	0.02	2.45	22
CO693	CO496	1.69	67 3-	4ACSR	2434	2345	1963	171	601	27	20	0.03	2.47	28
CO694	CO693	1.70	65 3-	4ACSR	2414	2328	1947	171	574	26	19	0.01	2.49	12
CO2601	CO694	1.74	65 3-	4ACSR	2353	2272	1897	170	574	26	19	0.04	2.52	38
CO2600	CO2601	1.75	64 3-	4ACSR	2328	2249	1876	170	563	25	19	0.02	2.54	14
CO2602	CO2600	1.79	60 3-	4ACSR	2279	2204	1836	170	526	24	17	0.03	2.57	27
CO2604	CO2602	1.82	26 1-	4ACSR	0	0	1796	169	230	31	23	0.05	2.62	17
CO2603	CO2604	1.87	25 1-	4ACSR	0	0	1735	169	220	30	22	0.07	2.69	25
CO2606	CO2603	1.92	23 1-	4ACSR	0	0	1683	168	211	29	21	0.06	2.75	22
CO2605	CO2606	1.98	23 1-	4ACSR	0	0	1625	168	210	29	21	0.07	2.83	24
CO2453	CO2605	2.01	0 1-	4ACSR	0	0	1597	168	0	0	0	0.00	2.83	0
CO2402	CO2605	2.05	20 1-	4ACSR	0	0	1558	167	191	26	19	0.08	2.91	26
CO2607	CO2402	2.19	9 1-	4ACSR	0	0	1438	166	74	10	7	0.07	2.98	8
CO2609	CO2607	2.23	9 1-	4ACSR	0	0	1409	165	74	10	7	0.02	2.99	0
CO2608	CO2609	2.26	8 1-	4ACSR	0	0	1384	165	57	7	6	0.01	3.00	0
CO8251	CO2608	2.28	8 1-	4ACSR	0	0	1372	165	57	7	6	0.01	3.01	0
CO3228	CO8251	2.33	5 1-	4ACSR	0	0	1337	164	23	3	2	0.01	3.02	0
CO3229	CO3228	2.36	2 1-	4ACSR	0	0	1317	164	12	1	1	0.00	3.02	0
CO3230	CO3229	2.38	1 1-	4ACSR	0	0	1303	164	0	0	0	0.00	3.02	0
CO3231	CO3228	2.34	3 1-	4ACSR	0	0	1332	164	11	1	1	0.00	3.02	0
CO3232	CO3231	2.35	2 1-	4ACSR	0	0	1320	164	10	1	1	0.00	3.02	0
CO3225	CO8251	2.31	3 1-	4ACSR	0	0	1348	164	34	4	3	0.01	3.02	0
CO3226	CO3225	2.32	2 1-	4ACSR	0	0	1343	164	22	3	2	0.00	3.02	0
CO3227	CO3226	2.33	2 1-	4ACSR	0	0	1339	164	22	3	2	0.00	3.02	0
CO2778	CO2402	2.11	1 1-	4ACSR	0	0	1508	167	13	1	1	0.00	2.91	0
CO2777	CO2778	2.17	1 1-	4ACSR	0	0	1457	166	13	1	1	0.00	2.92	0
CO2746	CO2402	2.08	10 1-	4ACSR	0	0	1533	167	103	14	10	0.02	2.93	2
CO2745	CO2746	2.13	7 1-	4ACSR	0	0	1484	166	69	9	7	0.02	2.95	3
CO2475	CO2745	2.18	1 1-	4ACSR	0	0	1450	166	10	1	1	0.00	2.95	0
CO8257	CO2745	2.17	6 1-	4ACSR	0	0	1453	166	59	8	6	0.01	2.96	0
CO3236	CO8257	2.21	6 1-	2ACSR	0	0	1427	166	59	8	5	0.01	2.97	0
CO3237	CO3236	2.24	1 1-	2ACSR	0	0	1411	165	8	1	1	0.00	2.97	0
CO3235	CO3237	2.31	1 1-	2ACSR	0	0	1370	165	8	1	1	0.00	2.98	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3233	CO3236	2.25	3 1-	4ACSR	0	0	1399	165	29	3	3	0.01	2.98	0
CO3234	CO3233	2.29	2 1-	4ACSR	0	0	1371	165	21	2	2	0.00	2.98	0
CO2842	CO2602	1.79	9 1-	4ACSR	0	0	1828	170	92	12	9	0.00	2.57	0
OC79	CO2842	1.79	9 1-	35 L OCR	0	0	1828	170	92	12	36	0.00	2.57	0
CO2843	OC79	1.83	9 1-	4ACSR	0	0	1785	169	92	12	9	0.02	2.59	2
CO2742	CO2843	1.86	5 1-	4ACSR	0	0	1747	169	61	8	6	0.01	2.60	0
CO2744	CO2742	1.94	3 1-	4ACSR	0	0	1666	168	37	5	4	0.02	2.62	0
CO2743	CO2744	1.98	2 1-	4ACSR	0	0	1620	168	29	3	3	0.01	2.63	0
CO417	CO2743	2.04	2 1-	4ACSR	0	0	1567	167	29	3	3	0.01	2.63	0
CO2403	CO2602	1.87	25 1-	4ACSR	0	0	1742	169	204	28	20	0.10	2.67	34
CO2404	CO2403	1.95	16 1-	4ACSR	0	0	1649	168	153	21	15	0.08	2.75	19
OC236962033	CO2404	1.95	14 1-	20 N FUSE	0	0	1649	168	133	18	92	0.00	2.75	0
CO2613	OC236962033	2.00	9 1-	4ACSR	0	0	1601	168	94	12	9	0.03	2.78	4
CO2610	CO2613	2.09	8 1-	4ACSR	0	0	1524	167	85	11	8	0.05	2.82	6
CO2612	CO2610	2.11	8 1-	4ACSR	0	0	1508	167	85	11	8	0.01	2.83	0
CO2611	CO2612	2.20	7 1-	4ACSR	0	0	1428	166	84	11	8	0.05	2.89	7
CO2619	CO2611	2.26	6 1-	4ACSR	0	0	1390	165	63	8	6	0.02	2.91	0
CO2618	CO2619	2.34	6 1-	4ACSR	0	0	1332	164	63	8	6	0.03	2.94	3
CO2614	CO2618	2.46	5 1-	4ACSR	0	0	1253	163	47	6	5	0.04	2.97	3
CO2615	CO2614	2.57	4 1-	4ACSR	0	0	1190	162	44	6	4	0.03	3.00	0
CO2617	CO2615	2.66	3 1-	4ACSR	0	0	1143	161	33	4	3	0.02	3.01	0
CO2616	CO2617	2.68	2 1-	4ACSR	0	0	1133	161	22	3	2	0.00	3.02	0
CO2621	CO2616	2.80	1 1-	4ACSR	0	0	1077	160	9	1	1	0.01	3.02	0
CO2620	CO2621	2.84	1 1-	4ACSR	0	0	1059	159	9	1	1	0.00	3.02	0
CO2457	CO2620	2.92	1 1-	4ACSR	0	0	1025	159	9	1	1	0.00	3.03	0
CO2753	CO2620	2.91	0 1-	4ACSR	0	0	1029	159	0	0	0	0.00	3.02	0
CO2755	CO2753	2.96	0 1-	4ACSR	0	0	1009	158	0	0	0	0.00	3.02	0
CO2754	CO2755	3.02	0 1-	4ACSR	0	0	985	158	0	0	0	0.00	3.02	0
CO2456	CO2616	2.72	1 1-	4ACSR	0	0	1112	161	13	1	1	0.00	3.02	0
CO2479	CO2619	2.30	0 1-	2ACSR	0	0	1366	165	0	0	0	0.00	2.91	0
CO2455	CO2611	2.27	1 1-	4ACSR	0	0	1378	165	21	2	2	0.00	2.89	0
CO2750	OC236962033	1.98	5 1-	4ACSR	0	0	1625	168	39	5	4	0.01	2.76	0
CO2454	CO2750	2.06	1 1-	4ACSR	0	0	1552	167	13	1	1	0.00	2.76	0
CO2752	CO2750	2.01	4 1-	4ACSR	0	0	1595	168	26	3	3	0.00	2.76	0
CO2751	CO2752	2.04	1 1-	4ACSR	0	0	1562	167	13	1	1	0.00	2.76	0
CO2748	CO2403	1.90	9 1-	4ACSR	0	0	1701	169	51	6	5	0.01	2.69	0
CO2747	CO2748	1.94	9 1-	4ACSR	0	0	1661	168	51	6	5	0.01	2.69	0
CO8382	CO2747	1.99	5 1-	4ACSR	0	0	1614	168	17	2	2	0.00	2.70	0
CO606	CO8382	2.05	1 1-	4ACSR	0	0	1558	167	0	0	0	0.00	2.70	0
CO2749	CO2747	2.04	1 1-	4ACSR	0	0	1569	167	7	0	1	0.00	2.70	0
CO650	OC23	1.09	452 3-	4/0ACSR	3804	3583	3208	177	3334	150	44	0.01	1.69	43
CO687	CO650	1.13	452 3-	4/0ACSR	3747	3525	3148	177	3334	150	44	0.04	1.74	215
OC-993869615	CO687	1.13	451 3-	20 N FUSE	3747	3525	3148	177	3333	150	751	0.00	1.74	0
CO688	OC-993869615	1.17	451 3-	4/0ACSR	3671	3448	3069	177	3333	150	44	0.06	1.80	300
CO508	CO688	1.22	451 3-	4/0ACSR	3589	3364	2983	177	3332	150	44	0.07	1.87	338
CO507	CO508	1.26	449 3-	4/0ACSR	3536	3311	2929	177	3323	149	44	0.05	1.92	224
CO421	CO507	1.28	2 1-	4ACSR	0	0	2891	177	29	4	3	0.00	1.92	0
CO685	CO507	1.28	447 3-	4/0ACSR	3501	3276	2893	177	3293	148	44	0.03	1.95	148
CO686	CO685	1.32	446 3-	4/0ACSR	3443	3217	2834	177	2987	134	40	0.05	2.00	209
CO509	CO686	1.37	446 3-	4/0ACSR	3382	3157	2774	177	2986	134	40	0.05	2.05	223
CO513	CO509	1.42	446 3-	4/0ACSR	3306	3081	2698	176	2985	134	40	0.07	2.11	296
CO8192	CO513	1.60	446 3-	4/0ACSR	3091	2877	2488	176	2984	134	40	0.21	2.32	905

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1006	CO8192	1.66	27 3-	4/0ACSR	3021	2810	2422	176	229	10	3	0.01	2.33	0
CO1007	CO1006	1.68	26 3-	4/0ACSR	2992	2783	2394	176	227	10	3	0.00	2.33	0
CO1009	CO1007	1.76	17 1-	4ACSR	0	0	2273	175	137	18	13	0.06	2.38	12
OC-61802752	CO1009	1.76	15 1-	20 N FUSE	0	0	2273	175	109	14	75	0.00	2.38	0
CO1159	OC-61802752	1.82	15 1-	4ACSR	0	0	2182	174	109	14	11	0.04	2.42	7
CO1160	CO1159	1.89	14 1-	4ACSR	0	0	2072	173	104	14	10	0.04	2.47	7
CO1010	CO1160	1.92	11 1-	4ACSR	0	0	2034	173	85	11	8	0.01	2.48	0
CO3027	CO1010	1.99	11 1-	4ACSR	0	0	1946	172	85	11	8	0.04	2.52	5
CO3240	CO3027	2.03	7 1-	4ACSR	0	0	1899	172	39	5	4	0.01	2.53	0
CO3241	CO3240	2.06	7 1-	4ACSR	0	0	1853	172	39	5	4	0.01	2.54	0
CO3242	CO3241	2.07	7 1-	4ACSR	0	0	1842	171	39	5	4	0.00	2.54	0
CO3243	CO3242	2.12	6 1-	4ACSR	0	0	1795	171	31	4	3	0.01	2.55	0
CO3244	CO3243	2.16	3 1-	4ACSR	0	0	1745	170	18	2	2	0.00	2.55	0
CO3245	CO3244	2.18	1 1-	4ACSR	0	0	1728	170	6	0	1	0.00	2.55	0
CO3125	CO3245	2.19	0 1-	4ACSR	0	0	1718	170	0	0	0	0.00	2.55	0
CO3246	CO3245	2.23	1 1-	4ACSR	0	0	1670	170	6	0	1	0.00	2.55	0
OC572342158	CO3246	2.23	0 1-	20 N FUSE	0	0	1670	170	0	0	0	0.00	2.55	0
CO3238	CO3027	2.05	4 1-	4ACSR	0	0	1865	172	46	6	5	0.02	2.54	0
CO3124	CO3238	2.09	2 1-	4ACSR	0	0	1821	171	23	3	2	0.00	2.54	0
CO3239	CO3238	2.13	1 1-	4ACSR	0	0	1778	171	12	1	1	0.00	2.54	0
CO1008	CO1007	1.72	8 1-	4ACSR	0	0	2331	175	75	10	7	0.02	2.35	2
OC1681168975	CO1008	1.72	8 1-	20 N FUSE	0	0	2331	175	75	10	52	0.00	2.35	0
CO8202	OC1681168975	1.78	8 1-	4ACSR	0	0	2244	175	75	10	7	0.03	2.37	3
CO609	CO8202	1.85	8 1-	4ACSR	0	0	2130	174	75	10	7	0.04	2.41	4
CO610	CO609	1.90	8 1-	4ACSR	0	0	2064	173	75	10	7	0.02	2.43	3
CO681	CO610	1.92	3 1-	4ACSR	0	0	2040	173	36	5	4	0.00	2.43	0
CO682	CO681	1.94	2 1-	4ACSR	0	0	2013	173	26	3	3	0.00	2.43	0
CO612	CO610	1.92	4 1-	4ACSR	0	0	2030	173	22	3	2	0.00	2.43	0
CO613	CO612	1.94	1 1-	4ACSR	0	0	2003	173	4	0	0	0.00	2.43	0
CO611	CO610	1.96	1 1-	4ACSR	0	0	1987	173	16	2	2	0.00	2.43	0
CO842	CO8192	1.65	419 3-	4/0ACSR	3030	2819	2430	176	2750	124	37	0.06	2.38	238
CO870	CO842	1.74	0 1-	4ACSR	0	0	2272	175	0	0	0	0.00	2.38	0
CO1004	CO842	1.71	419 3-	4/0ACSR	2963	2755	2366	176	2749	124	37	0.07	2.44	274
CO1005	CO1004	1.75	419 3-	4/0ACSR	2923	2718	2329	175	2748	124	37	0.04	2.48	166
CO871	CO1005	1.83	3 1-	4ACSR	0	0	2211	175	24	3	2	0.01	2.49	0
OC-1221796160	CO871	1.83	0 1-	20 N FUSE	0	0	2211	175	0	0	0	0.00	2.49	0
CO995	CO1005	1.78	206 3-	4/0ACSR	2889	2685	2297	175	1180	53	16	0.01	2.50	27
CO996	CO995	1.83	204 3-	4/0ACSR	2842	2640	2252	175	1171	52	16	0.02	2.51	37
CO997	CO996	1.87	203 3-	4/0ACSR	2806	2606	2219	175	1145	51	15	0.01	2.52	29
CO998	CO997	1.92	203 3-	4/0ACSR	2756	2560	2173	175	1144	51	15	0.02	2.54	40
CO884	CO998	1.96	0 1-	4ACSR	0	0	2121	175	0	0	0	0.00	2.54	0
OC-1295911883	CO884	1.96	0 1-	20 N FUSE	0	0	2121	175	0	0	0	0.00	2.54	0
CO840	CO998	1.96	203 3-	4/0ACSR	2722	2527	2141	175	1144	51	15	0.01	2.55	29
CO1000	CO840	2.03	1 1-	4ACSR	0	0	2044	174	11	1	1	0.01	2.56	0
OC-249955985	CO1000	2.03	1 1-	20 N FUSE	0	0	2044	174	11	1	8	0.00	2.56	0
CO885	OC-249955985	2.11	1 1-	4ACSR	0	0	1950	173	11	1	1	0.00	2.56	0
CO1001	OC-249955985	2.07	0 1-	4ACSR	0	0	1992	174	0	0	0	0.00	2.56	0
CO999	CO840	2.02	202 3-	4/0ACSR	2670	2478	2094	175	1133	51	15	0.02	2.57	43
CO8201	CO999	2.15	200 3-	4/0ACSR	2557	2372	1992	174	1107	49	15	0.04	2.62	97
CO3074	CO8201	2.16	176 3-	4/0ACSR	2547	2363	1983	174	957	43	13	0.00	2.62	6
CO3193	CO3074	2.20	5 1-	4ACSR	0	0	1942	174	28	3	3	0.00	2.62	0
CO3215	CO3193	2.23	3 1-	2ACSR	0	0	1916	174	1	0	0	0.00	2.62	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3073	CO3074	2.24	171 3-	4/0ACSR	2489	2309	1931	174	929	42	12	0.02	2.64	38
CO3134	CO3073	2.27	2 1-	4ACSR	0	0	1900	174	9	1	1	0.00	2.64	0
OC1432116787	CO3134	2.27	0 1-	20 N FUSE	0	0	1900	174	0	0	0	0.00	2.64	0
CO3030	CO3073	2.27	169 3-	4/0ACSR	2468	2289	1912	174	919	41	12	0.01	2.64	14
CO3035	CO3030	2.27	0 3-	4/0ACSR	2463	2285	1908	174	0	-14	4	0.00	2.64	0
CA53	CO3035	2.27	0 3-	Capacitor	2463	2285	1908	174	0	-14	0	0.00	2.64	0
CO3031	CO3030	2.30	71 2-	4ACSR	0	2247	1871	174	426	29	21	0.05	2.69	31
OC-1136750302	CO3031	2.30	0 2-	20 N FUSE	0	2247	1871	174	0	0	0	0.00	2.69	0
CO3032	CO3031	2.34	42 1-	4ACSR	0	0	1831	173	282	38	28	0.07	2.75	31
CO3033	CO3032	2.40	34 1-	4ACSR	0	0	1768	173	236	32	23	0.08	2.84	31
CO3135	CO3033	2.46	6 1-	4ACSR	0	0	1713	172	30	4	3	0.01	2.84	0
CO3034	CO3033	2.45	23 1-	4ACSR	0	0	1722	172	173	23	17	0.05	2.89	15
CO3261	CO3034	2.50	16 1-	4ACSR	0	0	1673	171	135	18	13	0.04	2.93	8
CO3262	CO3261	2.52	12 1-	4ACSR	0	0	1655	171	97	13	10	0.01	2.94	0
CO3265	CO3262	2.57	8 1-	4ACSR	0	0	1617	171	73	10	7	0.02	2.96	0
CO3268	CO3265	2.68	2 1-	4ACSR	0	0	1522	170	36	4	4	0.03	2.98	0
CO3269	CO3268	2.70	2 1-	4ACSR	0	0	1506	169	36	4	4	0.00	2.99	0
CO3266	CO3265	2.64	3 1-	4ACSR	0	0	1558	170	22	3	2	0.01	2.97	0
CO3267	CO3266	2.65	3 1-	4ACSR	0	0	1544	170	22	3	2	0.00	2.97	0
CO3263	CO3262	2.55	4 1-	4ACSR	0	0	1634	171	24	3	2	0.00	2.94	0
CO3264	CO3263	2.57	2 1-	4ACSR	0	0	1611	171	14	1	1	0.00	2.94	0
CO3259	CO3034	2.48	7 1-	4ACSR	0	0	1691	172	38	5	4	0.01	2.90	0
CO3260	CO3259	2.51	4 1-	4ACSR	0	0	1669	171	21	2	2	0.00	2.90	0
CO3253	CO3032	2.37	8 1-	4ACSR	0	0	1801	173	46	6	5	0.00	2.76	0
CO3254	CO3253	2.39	0 1-	4ACSR	0	0	1777	173	0	0	0	0.00	2.76	0
CO3255	CO3031	2.34	25 1-	4ACSR	0	0	1828	173	107	14	11	0.02	2.71	4
CO3256	CO3255	2.37	16 1-	4ACSR	0	0	1805	173	78	10	8	0.01	2.72	0
CO3257	CO3256	2.43	16 1-	4ACSR	0	0	1743	172	78	10	8	0.03	2.75	3
CO3258	CO3257	2.47	13 1-	4ACSR	0	0	1701	172	64	8	6	0.01	2.76	0
CO3829	CO3258	2.53	2 1-	4ACSR	0	0	1652	171	15	2	1	0.00	2.76	0
CO3830	CO3829	2.53	0 1-	4ACSR	0	0	1646	171	0	0	0	0.00	2.76	0
CO30690	CO3030	2.28	95 3-	4/0ACSR	2459	2281	1904	174	482	22	7	0.00	2.64	0
CO3139	CO30690	2.32	1 1-	4ACSR	0	0	1863	174	10	1	1	0.00	2.65	0
OC2053195969	CO3139	2.32	0 1-	20 N FUSE	0	0	1863	174	0	0	0	0.00	2.65	0
CO3138	CO30690	2.33	0 1-	4ACSR	0	0	1853	173	0	0	0	0.00	2.64	0
OC-767975413	CO3138	2.33	0 1-	20 N FUSE	0	0	1853	173	0	0	0	0.00	2.64	0
CO3270	CO30690	2.32	91 3-	4/0ACSR	2431	2254	1879	174	441	20	6	0.01	2.65	4
CO3271	CO3270	2.38	90 3-	4/0ACSR	2388	2214	1842	174	436	19	6	0.01	2.66	7
CO3272	CO3271	2.42	90 3-	4/0ACSR	2362	2190	1819	174	436	19	6	0.01	2.67	4
CO3070	CO3272	2.48	43 3-	4ACSR	2279	2121	1751	173	279	12	9	0.03	2.71	16
OC1685544886	CO3070	2.48	26 3-	20 N FUSE	2279	2121	1751	173	197	9	45	0.00	2.71	0
CO3071	OC1685544886	2.53	26 3-	4ACSR	2231	2081	1712	172	197	9	6	0.01	2.72	5
CO3798	CO3071	2.57	25 3-	#4 ACSR 6/1	2180	2038	1671	172	194	8	6	0.02	2.74	5
CO3222	CO3798	2.59	16 1-	2ACSR	0	0	1657	172	148	20	11	0.01	2.75	3
CO3298	CO3222	2.68	16 1-	1/0PRIURD	0	0	1605	416	148	20	14	0.04	2.79	9
CO3299	CO3298	2.73	13 1-	1/0PRIURD	0	0	1582	414	138	18	13	0.02	2.80	3
CO3301	CO3299	2.74	10 1-	1/0PRIURD	0	0	1572	414	112	15	10	0.01	2.81	0
CO3302	CO3301	2.82	8 1-	1/0PRIURD	0	0	1534	411	92	12	8	0.02	2.83	3
CO3303	CO3302	2.91	7 1-	1/0PRIURD	0	0	1488	408	89	12	8	0.02	2.85	2
CO3304	CO3303	2.99	5 1-	1/0PRIURD	0	0	1454	406	49	6	5	0.01	2.86	0
CO3305	CO3304	3.03	4 1-	1/0PRIURD	0	0	1437	405	48	6	4	0.01	2.87	0
CO3221	CO3305	3.10	1 1-	1/0PRIURD	0	0	1407	403	14	1	1	0.00	2.87	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-239806078	CO3305	3.06	3 1-	1/0PRIURD	0	0	1427	404	34	4	3	0.00	2.87	0
CO-1562382240	CO-239806078	3.06	1 1-	1/0PRIURD	0	0	1423	403	15	2	1	0.00	2.87	0
CO3306	CO-239806078	3.11	2 1-	1/0PRIURD	0	0	1402	402	19	2	2	0.00	2.87	0
CO3307	CO3306	3.24	1 1-	1/0PRIURD	0	0	1350	398	9	1	1	0.00	2.87	0
CO3308	CO3307	3.26	0 1-	1/0PRIURD	0	0	1342	397	0	0	0	0.00	2.87	0
CO3300	CO3299	2.82	1 1-	1/0PRIURD	0	0	1535	411	8	1	1	0.00	2.81	0
CO3797	CO3798	2.58	9 1-	1/0PRIURD	0	0	1670	419	46	6	4	0.00	2.74	0
CO3796	CO3797	2.59	9 1-	1/0PRIURD	0	0	1667	419	46	6	4	0.00	2.74	0
CO3297	CO3796	2.60	9 1-	1/0PRIURD	0	0	1665	419	46	6	4	0.00	2.74	0
CO3296	CO3297	2.65	7 1-	1/0PRIURD	0	0	1652	418	39	5	4	0.00	2.74	0
CO3295	CO3296	2.69	5 1-	1/0PRIURD	0	0	1643	417	35	4	3	0.00	2.75	0
CO3294	CO3295	2.74	2 1-	1/0PRIURD	0	0	1632	416	13	1	1	0.00	2.75	0
CO3293	CO3294	2.80	1 1-	1/0PRIURD	0	0	1618	414	4	0	0	0.00	2.75	0
CO3292	CO3293	2.83	0 1-	1/0PRIURD	0	0	1611	413	0	0	0	0.00	2.75	0
CO3291	CO3292	2.88	0 1-	1/0PRIURD	0	0	1600	412	0	0	0	0.00	2.75	0
CO-230378754	CO3291	2.89	0 1-	1/0PRIURD	0	0	1597	412	0	0	0	0.00	2.75	0
CO3081	CO3070	2.52	17 1-	750 MCM - 42 wi	0	0	1739	173	82	11	1	0.00	2.71	0
CO3281	CO3081	2.54	17 1-	1/0PRIURD	0	0	1734	425	82	11	7	0.00	2.71	0
CO3282	CO3281	2.58	16 1-	1/0PRIURD	0	0	1723	424	79	10	7	0.01	2.72	0
CO3283	CO3282	2.59	15 1-	1/0PRIURD	0	0	1721	423	56	7	5	0.00	2.72	0
CO3284	CO3283	2.65	13 1-	1/0PRIURD	0	0	1708	422	54	7	5	0.01	2.73	0
CO3285	CO3284	2.66	8 1-	1/0PRIURD	0	0	1704	422	36	4	3	0.00	2.73	0
CO3286	CO3285	2.70	8 1-	1/0PRIURD	0	0	1696	421	36	4	3	0.00	2.73	0
CO3287	CO3286	2.73	6 1-	1/0PRIURD	0	0	1688	420	26	3	2	0.00	2.73	0
CO3288	CO3287	2.75	6 1-	1/0PRIURD	0	0	1681	419	26	3	2	0.00	2.73	0
CO3289	CO3288	2.79	5 1-	1/0PRIURD	0	0	1674	419	24	3	2	0.00	2.73	0
CO3290	CO3289	2.81	4 1-	1/0PRIURD	0	0	1667	418	7	0	1	0.00	2.73	0
CO3274	CO3272	2.45	7 1-	4ACSR	0	0	1781	173	28	3	3	0.01	2.68	0
OC-1053120301	CO3274	2.45	5 1-	20 N FUSE	0	0	1781	173	15	2	11	0.00	2.68	0
CO3137	OC-1053120301	2.50	3 1-	4/0ACSR	0	0	1754	173	7	1	0	0.00	2.68	0
CO3275	OC-1053120301	2.47	2 1-	4ACSR	0	0	1762	173	8	1	1	0.00	2.68	0
CO3278	CO3275	2.50	1 1-	4ACSR	0	0	1735	173	5	0	1	0.00	2.68	0
CO3279	CO3278	2.53	1 1-	4ACSR	0	0	1709	172	5	0	1	0.00	2.68	0
CO3280	CO3279	2.56	0 1-	4ACSR	0	0	1683	172	0	0	0	0.00	2.68	0
CO3276	CO3275	2.57	1 1-	4ACSR	0	0	1674	172	3	0	0	0.00	2.68	0
CO3277	CO3276	2.67	1 1-	4ACSR	0	0	1584	171	3	0	0	0.00	2.68	0
CO3273	CO3272	2.45	40 3-	4/0ACSR	2338	2168	1798	173	129	5	2	0.00	2.67	0
CO3056	CO3273	2.46	40 3-	4/0ACSR	2329	2159	1790	173	129	5	2	0.00	2.67	0
CO3314	CO3056	2.49	40 3-	4/0ACSR	2311	2143	1775	173	129	5	2	0.00	2.68	0
CO3315	CO3314	2.54	38 3-	4/0ACSR	2281	2115	1749	173	120	5	2	0.00	2.68	0
CO3316	CO3315	2.57	37 3-	4/0ACSR	2258	2093	1728	173	118	5	2	0.00	2.68	0
CO3317	CO3316	2.64	16 3-	4/0ACSR	2221	2058	1696	173	71	3	1	0.00	2.68	0
CO3141	CO3317	2.65	3 1-	4ACSR	0	0	1683	173	7	0	1	0.00	2.68	0
OC26867483	CO3141	2.65	0 1-	20 N FUSE	0	0	1683	173	0	0	0	0.00	2.68	0
CO3079	CO3317	2.65	10 1-	4ACSR	0	0	1680	173	54	7	5	0.01	2.69	0
OC-1275291108	CO3079	2.65	10 1-	20 N FUSE	0	0	1680	173	54	7	37	0.00	2.69	0
CO3165	OC-1275291108	2.70	2 1-	1/0PRIURD	0	0	1656	423	12	1	1	0.00	2.69	0
CO3055	OC-1275291108	2.72	8 1-	1/0PRIURD	0	0	1643	422	42	5	4	0.01	2.70	0
CO3318	CO3055	2.76	7 1-	1/0PRIURD	0	0	1618	421	40	5	4	0.01	2.70	0
CO3319	CO3318	2.79	7 1-	1/0PRIURD	0	0	1606	420	40	5	4	0.00	2.70	0
CO3321	CO3319	2.92	5 1-	1/0PRIURD	0	0	1537	415	25	3	2	0.01	2.71	0
CO-1854361613	CO3321	3.00	1 1-	1/0PRIURD	0	0	1509	413	9	1	1	0.00	2.71	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3322	CO3321	3.05	1 1-	1/0PRIURD	0	0	1475	411	8	1	1	0.00	2.71	0
CO3320	CO3319	2.83	2 1-	1/0PRIURD	0	0	1582	418	14	1	1	0.00	2.70	0
CO3036	CO3317	2.70	2 3-	4/0ACSR	2184	2024	1665	173	8	0	0	0.00	2.68	0
CO3140	CO3036	2.80	2 1-	4ACSR	0	0	1577	172	8	1	1	0.00	2.68	0
OC1527114888	CO3140	2.80	0 1-	20 N FUSE	0	0	1577	172	0	0	0	0.00	2.68	0
CO3309	CO3316	2.58	21 1-	1/0PRIURD	0	0	1726	427	47	6	4	0.00	2.68	0
OC2078973624	CO3309	2.58	18 1-	20 N FUSE	0	0	1726	427	39	5	27	0.00	2.68	0
CO3310	OC2078973624	2.61	18 1-	1/0PRIURD	0	0	1708	425	39	5	4	0.00	2.68	0
CO3791	CO3310	2.65	14 1-	1/0PRIURD	0	0	1690	424	32	4	3	0.00	2.69	0
CO3792	CO3791	2.67	4 1-	1/0PRIURD	0	0	1682	423	12	1	1	0.00	2.69	0
CO3311	CO3791	2.69	10 1-	1/0PRIURD	0	0	1664	422	21	2	2	0.00	2.69	0
CO3312	CO3311	2.72	6 1-	1/0PRIURD	0	0	1647	421	11	1	1	0.00	2.69	0
CO3313	CO3312	2.76	4 1-	1/0PRIURD	0	0	1625	420	8	1	1	0.00	2.69	0
CO3251	CO3030	2.32	2 1-	4/0ACSR	0	0	1879	174	2	0	0	0.00	2.64	0
OC-992633249	CO3251	2.32	1 1-	20 N FUSE	0	0	1879	174	2	0	1	0.00	2.64	0
CO3252	OC-992633249	2.38	1 1-	4/0ACSR	0	0	1841	174	2	0	0	0.00	2.64	0
CO3247	CO8201	2.18	23 3-	4ACSR	2517	2340	1958	174	144	6	5	0.01	2.62	0
OC-441713301	CO3247	2.18	17 3-	20 N FUSE	2517	2340	1958	174	118	5	27	0.00	2.62	0
CO3248	OC-441713301	2.21	17 3-	4ACSR	2475	2304	1923	174	118	5	4	0.01	2.63	0
CO3249	CO3248	2.25	16 3-	4ACSR	2420	2258	1877	173	102	4	3	0.01	2.63	0
CO3250	CO3249	2.27	13 3-	4ACSR	2395	2237	1856	173	81	3	3	0.00	2.64	0
CO8199	CO3250	2.30	9 3-	2ACSR	2363	2209	1829	173	55	2	1	0.00	2.64	0
CO1002	CO8199	2.37	7 1-	4/0ACSR	0	0	1788	173	34	4	1	0.00	2.64	0
CO1003	CO1002	2.41	4 1-	4/0ACSR	0	0	1768	173	13	1	1	0.00	2.64	0
CO8198	CO3250	2.34	4 1-	4/0ACSR	0	0	1813	173	26	3	1	0.00	2.64	0
CO833	CO1005	1.84	209 3-	1/0ACSR	2806	2609	2221	175	1537	70	31	0.12	2.60	272
CO993	CO833	1.86	3 1-	4ACSR	0	0	2197	175	29	3	3	0.00	2.60	0
OC1234946937	CO993	1.86	2 1-	20 N FUSE	0	0	2197	175	22	3	15	0.00	2.60	0
CO994	OC1234946937	1.89	2 1-	4ACSR	0	0	2153	174	22	3	2	0.00	2.61	0
CO991	CO833	1.96	206 3-	1/0ACSR	2676	2490	2104	174	1507	69	30	0.14	2.74	312
CO992	CO991	2.00	204 3-	1/0ACSR	2632	2449	2064	174	1499	69	30	0.05	2.79	112
CO873	CO992	2.07	2 1-	4ACSR	0	0	1968	173	3	0	0	0.00	2.79	0
OC-563527930	CO873	2.07	0 1-	20 N FUSE	0	0	1968	173	0	0	0	0.00	2.79	0
CO872	CO992	2.06	2 1-	4ACSR	0	0	1980	173	21	2	2	0.00	2.79	0
OC847604440	CO872	2.06	0 1-	20 N FUSE	0	0	1980	173	0	0	0	0.00	2.79	0
CO988	CO992	2.05	199 3-	1/0ACSR	2575	2397	2013	174	1471	67	30	0.06	2.85	143
CO989	CO988	2.08	197 3-	1/0ACSR	2549	2373	1990	174	1454	67	29	0.03	2.88	67
CO990	CO989	2.12	196 3-	1/0ACSR	2506	2334	1953	174	1453	67	29	0.05	2.93	110
CO874	CO990	2.15	2 1-	4ACSR	0	0	1914	173	15	2	1	0.00	2.93	0
OC-1578731119	CO874	2.15	0 1-	20 N FUSE	0	0	1914	173	0	0	0	0.00	2.93	0
CO1163	CO990	2.13	194 3-	1/0ACSR	2500	2328	1948	174	1437	66	29	0.01	2.94	17
CO1164	CO1163	2.17	194 3-	1/0ACSR	2460	2291	1913	173	1437	66	29	0.05	2.99	106
CO876	CO1164	2.20	2 1-	4ACSR	0	0	1882	173	4	0	0	0.00	2.99	0
OC-1050193542	CO876	2.20	0 1-	20 N FUSE	0	0	1882	173	0	0	0	0.00	2.99	0
CO986	CO1164	2.22	1 1-	4ACSR	0	0	1860	173	0	0	0	0.00	2.99	0
OC1918718913	CO986	2.22	1 1-	20 N FUSE	0	0	1860	173	0	0	0	0.00	2.99	0
CO987	OC1918718913	2.23	1 1-	4ACSR	0	0	1845	173	0	0	0	0.00	2.99	0
CO984	CO1164	2.21	191 3-	1/0ACSR	2421	2256	1879	173	1433	66	29	0.05	3.04	103
CO985	CO984	2.31	190 3-	1/0ACSR	2337	2179	1807	173	1432	66	29	0.11	3.14	238
OC40	CO985	2.31	190 3-	100 L OCR	2337	2179	1807	173	1431	66	66	0.00	3.14	0
CO983	OC40	2.39	190 3-	1/0ACSR	2267	2115	1747	172	1431	66	29	0.10	3.24	207
CO836	CO983	2.46	158 3-	1/0ACSR	2214	2066	1702	172	1144	52	23	0.06	3.30	107

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
C0877	C0836	2.51	2 1-	4ACSR	0	0	1650	171	3	0	0	0.00	3.30	0
OC-894741001	C0877	2.51	0 1-	20 N FUSE	0	0	1650	171	0	0	0	0.00	3.30	0
C0963	C0836	2.50	155 3-	1/0ACSR	2178	2033	1672	172	1140	52	23	0.04	3.34	73
C0964	C0963	2.52	152 3-	1/0ACSR	2165	2022	1661	172	1118	51	23	0.02	3.36	26
C0965	C0964	2.55	152 3-	1/0ACSR	2142	2001	1642	171	1118	51	23	0.03	3.39	47
C0960	C0965	2.60	151 3-	1/0ACSR	2106	1967	1612	171	1102	51	22	0.04	3.43	75
C0961	C0960	2.66	151 3-	1/0ACSR	2062	1927	1575	171	1102	51	22	0.06	3.49	94
C0962	C0961	2.71	151 3-	1/0ACSR	2030	1897	1548	171	1102	51	22	0.04	3.53	71
C0837	C0962	2.75	142 3-	1/0ACSR	2007	1876	1529	171	1012	46	20	0.03	3.56	44
C0949	C0837	2.80	6 1-	1/0PRIURD	0	0	1504	409	67	9	6	0.01	3.57	0
OC801853857	C0949	2.80	4 1-	20 N FUSE	0	0	1504	409	42	5	29	0.00	3.57	0
C0950	OC801853857	2.89	4 1-	1/0PRIURD	0	0	1460	406	42	5	4	0.01	3.58	0
CO1153	C0950	2.98	2 1-	1/0PRIURD	0	0	1420	403	18	2	2	0.00	3.58	0
C0886	CO1153	3.12	2 1-	1/0PRIURD	0	0	1361	399	18	2	2	0.00	3.59	0
CO1154	CO1153	3.02	0 1-	1/0PRIURD	0	0	1405	402	0	0	0	0.00	3.58	0
C0947	C0837	2.78	136 3-	1/0ACSR	1983	1854	1509	170	945	43	19	0.03	3.59	41
C0948	C0947	2.83	134 3-	1/0ACSR	1954	1828	1486	170	935	43	19	0.03	3.62	50
C0945	C0948	2.92	3 1-	4ACSR	0	0	1419	169	31	4	3	0.02	3.64	0
OC1996828749	C0945	2.92	3 1-	20 N FUSE	0	0	1419	169	31	4	21	0.00	3.64	0
C0946	OC1996828749	2.96	1 1-	4ACSR	0	0	1394	169	12	1	1	0.00	3.64	0
C0906	OC1996828749	2.98	2 1-	2ACSR	0	0	1389	169	19	2	1	0.00	3.64	0
C0942	C0948	2.86	131 3-	1/0ACSR	1934	1809	1469	170	904	42	18	0.02	3.65	32
C0943	C0942	2.94	129 3-	1/0ACSR	1885	1765	1430	170	883	41	18	0.06	3.71	80
C0944	C0943	2.99	129 3-	1/0ACSR	1857	1739	1407	169	882	41	18	0.04	3.74	48
C0838	C0944	3.08	126 3-	1/0ACSR	1810	1696	1369	169	869	40	18	0.06	3.80	79
C0938	C0838	3.18	4 1-	4ACSR	0	0	1306	168	13	1	1	0.01	3.81	0
OC-1194402706	C0938	3.18	4 1-	20 N FUSE	0	0	1306	168	13	1	9	0.00	3.81	0
C0939	OC-1194402706	3.29	4 1-	4ACSR	0	0	1247	167	13	1	1	0.01	3.82	0
C0937	C0939	3.44	2 1-	4ACSR	0	0	1170	165	7	0	1	0.01	3.82	0
C0936	C0937	3.51	1 1-	4ACSR	0	0	1136	165	6	0	1	0.00	3.82	0
C0932	C0838	3.20	16 1-	4ACSR	0	0	1298	168	124	17	12	0.09	3.89	19
OC-1643265060	C0932	3.20	15 1-	20 N FUSE	0	0	1298	168	124	17	86	0.00	3.89	0
C0933	OC-1643265060	3.23	15 1-	4ACSR	0	0	1282	167	124	17	12	0.02	3.92	4
C0934	C0933	3.27	13 1-	4ACSR	0	0	1259	167	112	15	11	0.03	3.95	5
C0935	C0934	3.31	12 1-	4ACSR	0	0	1237	167	112	15	11	0.03	3.97	5
CO3784	C0935	3.32	12 1-	4ACSR	0	0	1232	166	112	15	11	0.01	3.98	0
CO3126	CO3784	3.37	1 1-	4ACSR	0	0	1202	166	9	1	1	0.00	3.98	0
CO3785	CO3784	3.38	11 1-	4ACSR	0	0	1198	166	103	14	10	0.04	4.02	6
CO3786	CO3785	3.44	9 1-	2ACSR	0	0	1175	165	80	11	6	0.02	4.04	0
CO3787	CO3786	3.52	7 1-	2ACSR	0	0	1147	165	60	8	5	0.02	4.06	0
CO3788	CO3787	3.63	7 1-	2ACSR	0	0	1106	164	60	8	5	0.02	4.08	0
CO3789	CO3788	3.72	4 1-	2ACSR	0	0	1074	164	39	5	3	0.01	4.09	0
CO3790	CO3789	3.82	1 1-	2ACSR	0	0	1044	163	5	0	0	0.00	4.09	0
C0911	C0933	3.26	1 1-	2ACSR	0	0	1265	167	4	0	0	0.00	3.92	0
C0929	C0838	3.12	105 3-	1/0ACSR	1787	1674	1350	169	721	33	15	0.03	3.83	29
C0930	C0929	3.16	104 3-	1/0ACSR	1768	1657	1335	169	719	33	15	0.02	3.85	24
C0931	C0930	3.18	103 3-	1/0ACSR	1757	1647	1326	168	719	33	15	0.01	3.86	13
C0928	C0931	3.19	103 3-	1/0ACSR	1751	1641	1321	168	719	33	15	0.01	3.87	8
C0924	C0928	3.27	65 1-	2ACSR	0	0	1284	168	475	66	37	0.17	4.03	123
OC-54127769	C0924	3.27	65 1-	20 N FUSE	0	0	1284	168	475	66	332	0.00	4.03	0
C0925	OC-54127769	3.39	65 1-	2ACSR	0	0	1235	167	475	66	37	0.24	4.27	175
C0927	C0925	3.40	1 1-	4ACSR	0	0	1230	167	7	0	1	0.00	4.27	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8200	CO927	3.46	1 1-	4ACSR	0	0	1199	166	7	0	1	0.00	4.27	0
CO3783	CO8200	3.47	1 1-	4ACSR	0	0	1193	166	7	0	1	0.00	4.27	0
CO926	CO925	3.40	63 1-	2ACSR	0	0	1228	167	467	65	36	0.03	4.30	25
CO8229	CO926	3.45	63 1-	2ACSR	0	0	1208	167	467	65	36	0.10	4.40	73
CO3780	CO8229	3.50	63 1-	2ACSR	0	0	1190	166	466	65	36	0.10	4.50	70
CO3127	CO3780	3.56	1 1-	4ACSR	0	0	1160	166	2	0	0	0.00	4.50	0
CO3781	CO3780	3.64	62 1-	2ACSR	0	0	1136	165	464	65	36	0.29	4.79	211
CO3782	CO3781	3.72	62 1-	2ACSR	0	0	1106	165	463	65	36	0.18	4.97	131
CO3028	CO3782	3.78	59 1-	2ACSR	0	0	1086	164	450	63	35	0.11	5.08	81
CO3776	CO3028	3.85	57 1-	2ACSR	0	0	1065	164	449	63	35	0.13	5.21	94
CO3777	CO3776	3.87	57 1-	2ACSR	0	0	1057	164	448	63	35	0.05	5.26	36
CO3129	CO3777	3.89	2 1-	4ACSR	0	0	1048	163	13	1	1	0.00	5.27	0
CO3841	CO3777	3.92	40 1-	2ACSR	0	0	1042	163	332	46	26	0.07	5.33	36
CO3029	CO3841	3.96	36 1-	2ACSR	0	0	1031	163	292	41	23	0.05	5.38	22
CO3131	CO3029	3.99	0 1-	4ACSR	0	0	1019	163	0	0	0	0.00	5.38	0
CO3833	CO3029	4.02	36 1-	2ACSR	0	0	1011	163	292	41	23	0.09	5.47	40
CO3751	CO3833	4.08	12 1-	4ACSR	0	0	991	162	120	16	12	0.04	5.51	9
CO3220	CO3751	4.10	1 1-	2ACSR	0	0	985	162	9	1	1	0.00	5.51	0
CO3752	CO3751	4.16	11 1-	4ACSR	0	0	964	161	111	15	11	0.06	5.57	11
CO3759	CO3752	4.18	7 1-	4ACSR	0	0	957	161	84	11	8	0.01	5.58	0
CO3758	CO3759	4.22	7 1-	4ACSR	0	0	943	161	84	11	8	0.02	5.60	3
CO3757	CO3758	4.26	6 1-	4ACSR	0	0	930	160	76	10	8	0.02	5.62	0
CO3756	CO3757	4.31	5 1-	4ACSR	0	0	916	160	63	8	6	0.01	5.63	0
CO3755	CO3756	4.38	3 1-	4ACSR	0	0	894	159	36	5	4	0.01	5.65	0
CO4799	CO3755	4.41	2 1-	2ACSR	0	0	886	159	21	3	2	0.00	5.65	0
CO3753	CO3752	4.19	4 1-	4ACSR	0	0	953	161	27	3	3	0.01	5.57	0
CO3754	CO3753	4.23	4 1-	4ACSR	0	0	939	161	27	3	3	0.01	5.58	0
CO3760	CO3754	4.29	3 1-	4ACSR	0	0	922	160	18	2	2	0.01	5.59	0
CO3211	CO3760	4.31	1 1-	2ACSR	0	0	916	160	9	1	1	0.00	5.59	0
CO3761	CO3760	4.33	2 1-	4ACSR	0	0	908	160	9	1	1	0.00	5.59	0
CO8266	CO3761	4.40	1 1-	4ACSR	0	0	887	159	0	0	0	0.00	5.59	0
CO3744	CO3833	4.08	7 1-	4ACSR	0	0	990	162	63	8	6	0.02	5.49	2
CO3745	CO3744	4.11	6 1-	4ACSR	0	0	981	162	60	8	6	0.01	5.50	0
CO3213	CO3745	4.13	1 1-	2ACSR	0	0	974	162	12	1	1	0.00	5.50	0
CO3746	CO3745	4.14	3 1-	4ACSR	0	0	971	162	35	4	4	0.01	5.51	0
CO3747	CO3746	4.21	3 1-	4ACSR	0	0	947	161	35	4	4	0.01	5.52	0
CO3748	CO3747	4.28	2 1-	4ACSR	0	0	925	160	24	3	2	0.01	5.53	0
CO3749	CO3748	4.33	2 1-	4ACSR	0	0	908	160	24	3	2	0.01	5.54	0
CO3750	CO3749	4.41	1 1-	4ACSR	0	0	885	159	12	1	1	0.00	5.54	0
CO3737	CO3833	4.08	16 1-	2ACSR	0	0	995	162	108	15	8	0.03	5.49	5
CO3736	CO3737	4.11	16 1-	2ACSR	0	0	987	162	108	15	8	0.01	5.51	2
CO3078	CO3736	4.18	7 1-	2ACSR	0	0	967	162	45	6	4	0.01	5.52	0
CO3212	CO3078	4.21	1 1-	4ACSR	0	0	956	161	3	0	0	0.00	5.52	0
CO3132	CO3078	4.23	1 1-	4ACSR	0	0	952	161	7	0	1	0.00	5.52	0
CO-1076577375	CO3078	4.23	4 1-	2ACSR	0	0	954	161	21	2	2	0.00	5.52	0
CO-1477105509	CO-1076577375	4.27	3 1-	2ACSR	0	0	945	161	13	1	1	0.00	5.53	0
CO3133	CO-1477105509	4.31	1 1-	4ACSR	0	0	932	161	5	0	1	0.00	5.53	0
CO8389	CO-1477105509	4.30	2 1-	2ACSR	0	0	935	161	8	1	1	0.00	5.53	0
CO8388	CO8389	4.31	0 1-	2ACSR	0	0	934	161	0	0	0	0.00	5.53	0
SW112-A	CO8388	4.31	0 1-	Open	0	0	934	161	0	0	0	0.00	5.53	0
CO1292169009	CO-1076577375	4.33	1 1-	2ACSR	0	0	929	161	8	1	1	0.00	5.53	0
CO3742	CO3736	4.14	1 1-	2ACSR	0	0	979	162	2	0	0	0.00	5.51	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3743	CO3742	4.15	1 1-	2ACSR	0	0	975	162	2	0	0	0.00	5.51	0
CO3741	CO3736	4.17	6 1-	4ACSR	0	0	967	162	47	6	5	0.02	5.53	0
CO3740	CO3741	4.20	6 1-	4ACSR	0	0	954	161	47	6	5	0.01	5.54	0
CO3739	CO3740	4.25	5 1-	4ACSR	0	0	940	161	46	6	5	0.01	5.55	0
CO3738	CO3739	4.29	3 1-	4ACSR	0	0	926	160	33	4	3	0.01	5.55	0
CO4798	CO3738	4.31	1 1-	2ACSR	0	0	922	160	12	1	1	0.00	5.55	0
CO3762	CO3841	3.97	4 1-	2ACSR	0	0	1026	163	40	5	3	0.01	5.34	0
CO3842	CO3762	4.01	2 1-	2ACSR	0	0	1015	163	22	3	2	0.00	5.34	0
CO3765	CO3777	3.95	14 1-	4ACSR	0	0	1028	163	91	12	9	0.04	5.30	5
CO3766	CO3765	4.01	10 1-	4ACSR	0	0	1004	162	63	8	6	0.02	5.33	2
CO3130	CO3766	4.04	0 1-	4ACSR	0	0	993	162	0	0	0	0.00	5.33	0
CO3773	CO3766	4.03	2 1-	4ACSR	0	0	997	162	11	1	1	0.00	5.33	0
CO3774	CO3773	4.09	1 1-	4ACSR	0	0	977	162	11	1	1	0.00	5.33	0
CO3775	CO3774	4.13	1 1-	4ACSR	0	0	964	161	11	1	1	0.00	5.33	0
CO3767	CO3766	4.03	7 1-	4ACSR	0	0	996	162	40	5	4	0.00	5.33	0
CO3771	CO3767	4.06	2 1-	4ACSR	0	0	986	162	18	2	2	0.00	5.33	0
CO3772	CO3771	4.12	1 1-	4ACSR	0	0	966	161	10	1	1	0.00	5.33	0
CO3768	CO3767	4.08	2 1-	4ACSR	0	0	979	162	4	0	0	0.00	5.33	0
CO3769	CO3768	4.10	2 1-	4ACSR	0	0	973	161	4	0	0	0.00	5.33	0
CO3770	CO3769	4.13	0 1-	4ACSR	0	0	962	161	0	0	0	0.00	5.33	0
CO3763	CO3777	3.92	1 1-	2ACSR	0	0	1041	163	12	1	1	0.00	5.27	0
CO3764	CO3763	3.96	1 1-	2ACSR	0	0	1029	163	12	1	1	0.00	5.27	0
CO3778	CO3782	3.82	3 1-	4ACSR	0	0	1067	164	12	1	1	0.01	4.98	0
CO3843	CO3778	3.86	2 1-	4ACSR	0	0	1048	163	12	1	1	0.00	4.98	0
CO3128	CO3843	3.92	1 1-	4ACSR	0	0	1026	163	5	0	1	0.00	4.98	0
CO3779	CO3843	3.94	1 1-	4ACSR	0	0	1019	163	7	1	1	0.00	4.98	0
CO919	CO928	3.23	35 1-	6ACWC	0	0	1300	168	224	31	22	0.05	3.92	18
OC179964711	CO919	3.23	31 1-	20 N FUSE	0	0	1300	168	207	28	145	0.00	3.92	0
CO920	OC179964711	3.27	31 1-	6ACWC	0	0	1276	168	207	28	21	0.05	3.97	18
CO1157	CO920	3.29	24 1-	6ACWC	0	0	1267	167	157	21	16	0.02	3.99	4
CO1158	CO1157	3.39	24 1-	6ACWC	0	0	1217	166	157	21	16	0.09	4.08	24
OC888307284	CO1158	3.39	24 1-	35 L OCR	0	0	1217	166	157	21	63	0.00	4.08	0
CO917	OC888307284	3.50	24 1-	6ACWC	0	0	1161	165	157	21	16	0.11	4.19	28
CO918	CO917	3.59	23 1-	6ACWC	0	0	1118	164	146	20	15	0.09	4.28	21
CO883	CO918	3.66	0 1-	4ACSR	0	0	1089	164	0	0	0	0.00	4.28	0
CO839	CO918	3.70	23 1-	6ACWC	0	0	1073	163	146	20	15	0.10	4.38	23
CO915	CO839	3.73	23 1-	6ACWC	0	0	1061	163	146	20	15	0.03	4.40	7
CO916	CO915	3.79	23 1-	6ACWC	0	0	1039	162	146	20	15	0.05	4.46	13
CO8284	CO916	3.92	23 1-	6ACWC	0	0	989	161	146	20	15	0.12	4.58	30
CO17302	CO8284	3.93	19 1-	6ACWC	0	0	987	161	120	16	12	0.01	4.58	0
CO17303	CO17302	3.95	19 1-	6ACWC	0	0	978	161	120	16	12	0.02	4.60	4
CO4177	CO17303	4.17	18 1-	6ACWC	0	0	906	159	120	16	12	0.17	4.77	33
CO4178	CO4177	4.27	18 1-	6ACWC	0	0	877	158	120	16	12	0.07	4.85	15
CO4135	CO4178	4.34	1 1-	4ACSR	0	0	857	157	0	0	0	0.00	4.85	0
CO8285	CO4178	4.40	1 1-	4ACSR	0	0	843	157	15	2	1	0.01	4.86	0
CO4986	CO8285	4.46	1 1-	4ACSR	0	0	827	156	15	2	1	0.00	4.86	0
CO4987	CO4986	4.78	0 1-	4ACSR	0	0	751	153	0	0	0	0.00	4.86	0
CO4179	CO4178	4.38	16 1-	6ACWC	0	0	848	157	105	14	11	0.07	4.92	12
CO4180	CO4179	4.60	15 1-	6ACWC	0	0	792	155	102	14	10	0.15	5.06	24
CO4181	CO4180	4.63	15 1-	6ACWC	0	0	785	155	102	14	10	0.02	5.08	3
CO8289	CO4181	4.75	2 1-	4ACSR	0	0	760	154	17	2	2	0.01	5.08	0
CO8286	CO4181	4.78	6 1-	6ACWC	0	0	753	153	37	5	4	0.03	5.11	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4980	CO8286	4.88	6 1-	6ACWC	0	0	732	153	37	5	4	0.02	5.13	0
CO4981	CO4980	5.03	5 1-	6ACWC	0	0	703	151	30	4	3	0.03	5.16	0
OC-1552684567	CO4981	5.03	4 1-	20 N FUSE	0	0	703	151	28	3	19	0.00	5.16	0
CO4982	OC-1552684567	5.08	4 1-	6ACWC	0	0	692	151	28	3	3	0.01	5.17	0
CO4983	CO4982	5.24	4 1-	6ACWC	0	0	665	150	28	3	3	0.03	5.20	0
CO4984	CO4983	5.32	2 1-	6ACWC	0	0	652	149	15	2	1	0.01	5.21	0
CO4985	CO4984	5.39	1 1-	6ACWC	0	0	641	148	14	1	1	0.00	5.21	0
CO4790	CO4984	5.37	1 1-	6ACWC	0	0	643	148	1	0	0	0.00	5.21	0
CO4791	CO4983	5.33	1 1-	6ACWC	0	0	650	149	13	1	1	0.00	5.20	0
CO4750	CO4983	5.68	0 1-	6ACWC	0	0	599	146	0	0	0	0.00	5.20	0
CO4785	CO4980	4.97	0 1-	4ACSR	0	0	713	152	0	0	0	0.00	5.13	0
CO4183	CO4181	4.68	3 1-	4ACSR	0	0	773	154	15	2	2	0.00	5.08	0
CO4184	CO4183	4.70	2 1-	2ACSR	0	0	771	154	3	0	0	0.00	5.08	0
CO1030259466	CO4184	4.70	1 1-	2ACSR	0	0	770	154	0	0	0	0.00	5.08	0
CO4185	CO1030259466	4.74	1 1-	4ACSR	0	0	763	154	0	0	0	0.00	5.08	0
CO4186	CO4185	5.08	0 1-	4ACSR	0	0	694	151	0	0	0	0.00	5.08	0
CO903666251	CO4184	4.74	0 1-	1/0PRIURD	0	0	765	322	0	0	0	0.00	5.08	0
CO4182	CO4181	4.71	3 1-	4ACSR	0	0	768	154	25	3	3	0.01	5.09	0
CO8293	CO4182	4.72	2 1-	4ACSR	0	0	765	154	22	3	2	0.00	5.09	0
CO4979	CO8293	4.74	1 1-	4ACSR	0	0	760	154	13	1	1	0.00	5.09	0
CO4794	CO8293	4.76	1 1-	4ACSR	0	0	756	154	9	1	1	0.00	5.09	0
CO4175	CO8284	3.94	3 1-	4ACSR	0	0	982	161	23	3	2	0.00	4.58	0
CO4176	CO4175	4.03	1 1-	4ACSR	0	0	952	160	13	1	1	0.00	4.59	0
CO4159	CO8284	4.07	1 1-	4ACSR	0	0	937	160	2	0	0	0.00	4.58	0
CO921	CO920	3.32	6 1-	4ACSR	0	0	1249	167	39	5	4	0.01	3.98	0
CO922	CO921	3.37	3 1-	4ACSR	0	0	1223	167	33	4	3	0.01	3.99	0
CO882	CO922	3.41	2 1-	4ACSR	0	0	1206	166	19	2	2	0.00	4.00	0
CO907	CO882	3.46	1 1-	2ACSR	0	0	1183	166	1	0	0	0.00	4.00	0
CO881	CO922	3.40	0 1-	4ACSR	0	0	1206	166	0	0	0	0.00	3.99	0
CO923	CO922	3.41	1 1-	4ACSR	0	0	1206	166	13	1	1	0.00	4.00	0
CO910	CO920	3.33	1 1-	2ACSR	0	0	1250	167	11	1	1	0.00	3.97	0
CO940	CO944	3.08	2 1-	4ACSR	0	0	1351	168	13	1	1	0.01	3.75	0
OC-972475474	CO940	3.08	2 1-	20 N FUSE	0	0	1351	168	13	1	9	0.00	3.75	0
CO880	OC-972475474	3.14	1 1-	4ACSR	0	0	1316	168	3	0	0	0.00	3.75	0
CO941	OC-972475474	3.13	1 1-	4ACSR	0	0	1323	168	11	1	1	0.00	3.75	0
CO951	CO962	2.74	8 1-	6ACWC	0	0	1525	170	75	10	7	0.01	3.55	0
OC-2019056091	CO951	2.74	8 1-	20 N FUSE	0	0	1525	170	75	10	52	0.00	3.55	0
CO952	OC-2019056091	2.78	7 1-	6ACWC	0	0	1500	170	67	9	7	0.01	3.56	0
CO953	CO952	2.86	6 1-	6ACWC	0	0	1437	169	66	9	7	0.04	3.60	4
CO956	CO953	3.00	3 1-	6ACWC	0	0	1348	168	29	3	3	0.02	3.62	0
CO958	CO956	3.06	1 1-	2ACSR	0	0	1317	167	17	2	1	0.00	3.62	0
CO959	CO958	3.14	1 1-	2ACSR	0	0	1279	167	17	2	1	0.00	3.63	0
CO957	CO956	3.14	2 1-	6ACWC	0	0	1264	166	12	1	1	0.01	3.63	0
CO879	CO957	3.18	1 1-	4ACSR	0	0	1243	166	5	0	1	0.00	3.63	0
CO878	CO957	3.28	1 1-	4ACSR	0	0	1188	165	7	0	1	0.00	3.63	0
CO954	CO953	2.89	3 1-	4ACSR	0	0	1415	169	37	5	4	0.01	3.60	0
CO955	CO954	2.93	2 1-	4ACSR	0	0	1391	168	24	3	2	0.00	3.60	0
CO913	CO954	2.94	0 1-	2ACSR	0	0	1389	168	0	0	0	0.00	3.60	0
CO912	OC-2019056091	2.79	1 1-	2ACSR	0	0	1494	170	8	1	1	0.00	3.55	0
CO966	CO983	2.54	30 1-	6ACWC	0	0	1612	171	260	36	26	0.24	3.48	101
OC-985156300	CO966	2.54	29 1-	20 N FUSE	0	0	1612	171	256	35	178	0.00	3.48	0
CO967	OC-985156300	2.57	29 1-	6ACWC	0	0	1580	170	256	35	25	0.06	3.54	25

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
C0835	C0967	2.61	14 1-	6ACWC	0	0	1549	170	124	17	12	0.03	3.57	6
OC2016220506	C0835	2.61	13 1-	20 N FUSE	0	0	1549	170	116	16	81	0.00	3.57	0
C0976	OC2016220506	2.88	5 1-	6ACWC	0	0	1356	167	58	8	6	0.08	3.65	7
C0977	C0976	2.90	3 1-	6ACWC	0	0	1343	167	39	5	4	0.01	3.65	0
C0978	C0977	2.99	3 1-	6ACWC	0	0	1285	166	39	5	4	0.02	3.68	0
C0981	C0978	3.09	2 1-	4ACSR	0	0	1231	165	24	3	2	0.01	3.69	0
C0982	C0981	3.20	1 1-	4ACSR	0	0	1171	164	15	2	2	0.01	3.69	0
C0979	C0978	3.03	1 1-	4ACSR	0	0	1263	166	16	2	2	0.00	3.68	0
C0980	C0979	3.07	1 1-	4ACSR	0	0	1241	165	16	2	2	0.00	3.68	0
C0974	OC2016220506	2.71	8 1-	4ACSR	0	0	1475	169	59	8	6	0.04	3.60	3
CO1219445961	C0974	2.78	4 1-	2ACSR	0	0	1432	168	35	4	3	0.01	3.61	0
C0975	C0974	2.76	4 1-	4ACSR	0	0	1433	168	24	3	2	0.00	3.61	0
C0968	C0967	2.61	15 1-	6ACWC	0	0	1549	170	132	18	13	0.03	3.57	7
C0969	C0968	2.63	15 1-	6ACWC	0	0	1533	170	132	18	13	0.02	3.59	3
C0875	C0969	2.71	1 1-	4ACSR	0	0	1474	169	5	0	0	0.00	3.59	0
C0834	C0969	2.71	13 1-	6ACWC	0	0	1475	169	114	15	11	0.05	3.63	8
C0971	C0834	2.75	5 1-	4ACSR	0	0	1440	168	52	7	5	0.01	3.64	0
CO1152	C0971	2.78	2 1-	4ACSR	0	0	1425	168	18	2	2	0.00	3.65	0
C0970	CO1152	2.83	1 1-	4ACSR	0	0	1386	168	1	0	0	0.00	3.65	0
C0908	CO1152	2.80	1 1-	2ACSR	0	0	1409	168	18	2	1	0.00	3.65	0
CO1155	C0834	2.75	6 1-	4ACSR	0	0	1442	168	35	4	4	0.01	3.64	0
CO1172	CO1155	2.79	0 1-	4ACSR	0	0	1416	168	0	0	0	0.00	3.64	0
CO1156	CO1155	2.80	4 1-	4ACSR	0	0	1407	168	34	4	3	0.01	3.65	0
C0972	CO1156	2.86	1 1-	4ACSR	0	0	1367	167	6	0	1	0.00	3.65	0
C0973	C0972	2.89	0 1-	4ACSR	0	0	1349	167	0	0	0	0.00	3.65	0
C0909	CO1155	2.79	2 1-	1/0PRIURD	0	0	1427	398	1	0	0	0.00	3.64	0
400322036	C0685	1.28	1 3-	Consumer	3501	3276	2893	177	305	13	0	0.00	1.95	0
C0420	C0804	1.15	1 1-	4ACSR	0	0	3031	177	4	0	0	0.00	1.69	0
OC-944979742	C0420	1.15	0 1-	20 N FUSE	0	0	3031	177	0	0	0	0.00	1.69	0
C0689	C0804	1.12	4 1-	4ACSR	0	0	3137	177	48	6	5	0.01	1.69	0
OC31074696	C0689	1.12	3 1-	20 N FUSE	0	0	3137	177	28	3	19	0.00	1.69	0
C0690	OC31074696	1.12	3 1-	4ACSR	0	0	3114	177	28	3	3	0.00	1.69	0
C0691	C0690	1.15	2 1-	4ACSR	0	0	3050	177	15	2	1	0.00	1.69	0
C0389	C0362	0.56	2 3-	2ACSR	4912	4737	4481	178	14	0	0	0.00	0.55	0
SUB	0 total losses:	\$117,755												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0 HILLSBORO		2051			10792	11370	11527	359	10503					
CO5633+	HILLSBORO	0.00	2051 3-	750 MCM - 42 Wi	10776	11344	11498	359	10503	235	20	0.00	0.00	10
CO5634+	CO5633	0.01	2051 3-	750 MCM - 42 Wi	10764	11325	11477	359	10503	235	20	0.00	0.00	7
CO5638+	CO5634	0.01	285 3-	750 MCM - 42 Wi	10740	11287	11435	359	1428	32	3	0.00	0.00	0
Ringos+	CO5638	0.01	285 3-	560 200WVE	10740	11287	11435	359	1428	32	6	0.00	0.00	0
CO5581+	Ringos	0.02	285 3-	336ACSR	10696	11213	11358	359	1428	32	6	0.00	0.00	0
CO5579+	CO5581	0.19	285 3-	336ACSR	9848	9922	9954	359	1428	32	6	0.02	0.02	32
CO5580+	CO5579	0.23	282 3-	336ACSR	9665	9664	9669	359	1414	32	6	0.00	0.03	7
CO5505+	CO5580	0.29	276 3-	336ACSR	9428	9385	9308	358	1403	31	6	0.01	0.03	10
CO5506+	CO5505	0.38	267 3-	336ACSR	9068	8966	8777	358	1367	31	6	0.01	0.04	15
CO8308+	CO5506	0.68	3 1-	4ACSR	0	0	6306	351	14	0	1	0.00	0.05	0
CO5651+	CO5506	0.45	263 3-	336ACSR	8777	8632	8362	358	1349	30	6	0.01	0.05	13
CO5652+	CO5651	0.53	261 3-	336ACSR	8500	8319	7980	357	1342	30	6	0.01	0.06	13
CO5537+	CO5652	0.58	2 1-	4ACSR	0	0	7629	356	6	0	0	0.00	0.06	0
CO5649+	CO5652	0.63	258 3-	336ACSR	8183	7965	7555	357	1337	30	6	0.01	0.07	16
CO5650+	CO5649	0.65	256 3-	336ACSR	8107	7881	7456	357	1320	30	6	0.00	0.07	4
CO5507+	CO5650	0.70	254 3-	336ACSR	7970	7729	7278	357	1310	29	6	0.00	0.08	7
CO5646+	CO5507	0.78	4 3-	336ACSR	7729	7466	6972	357	21	0	0	0.00	0.08	0
CO5647+	CO5646	0.86	2 3-	336ACSR	7492	7210	6679	356	12	0	0	0.00	0.08	0
CO-1212848583+	CO5647	0.87	0 3-	2ACSR	7481	7197	6664	356	0	0	0	0.00	0.08	0
CO1575988242+	CO-1212848583	0.87	0 3-	2ACSR	7465	7180	6645	356	0	0	0	0.00	0.08	0
CO5539+	CO5647	1.05	1 1-	4ACSR	0	0	5666	352	0	0	0	0.00	0.08	0
CO5706+	CO5507	0.70	250 3-	2ACSR	7939	7695	7239	357	1289	29	16	0.00	0.08	5
OC160+	CO5706	0.70	250 3-	70 L OCR	7939	7695	7239	357	1289	29	42	0.00	0.08	0
CO5707+	OC160	0.75	250 3-	2ACSR	7704	7435	6943	356	1289	29	16	0.02	0.10	40
CO5545+	CO5707	0.83	0 1-	4ACSR	0	0	6504	354	0	0	0	0.00	0.10	0
CO5670+	CO5707	0.78	250 3-	2ACSR	7611	7332	6828	356	1289	29	16	0.01	0.11	16
CO5671+	CO5670	0.84	250 3-	2ACSR	7343	7038	6507	355	1288	29	16	0.02	0.13	47
CO5648+	CO5671	0.86	250 3-	2ACSR	7237	6922	6383	354	1288	29	16	0.01	0.14	19
CO8310+	CO5648	0.93	245 3-	2ACSR	6967	6629	6074	353	1246	28	16	0.02	0.17	47
CO5201+	CO8310	0.96	244 3-	2ACSR	6820	6470	5911	353	1235	28	16	0.01	0.18	26
CO5064+	CO5201	1.03	1 1-	4ACSR	0	0	5592	352	0	0	0	0.00	0.18	0
CO5042+	CO5201	1.03	243 3-	2ACSR	6550	6182	5618	352	1235	28	16	0.03	0.20	50
CO5198+	CO5042	1.10	3 1-	4ACSR	0	0	5314	350	26	1	1	0.00	0.21	0
CO5199+	CO5198	1.16	2 1-	4ACSR	0	0	5020	349	12	0	1	0.00	0.21	0
CO-936360901+	CO5199	1.20	1 1-	2ACSR	0	0	4892	348	0	0	0	0.00	0.21	0
CO5200+	CO5199	1.23	1 1-	4ACSR	0	0	4756	348	12	0	1	0.00	0.21	0
CO5043+	CO5042	1.09	239 3-	2ACSR	6329	5974	5386	351	1206	27	15	0.02	0.23	40
CO5044+	CO5043	1.20	229 3-	2ACSR	5938	5607	4986	349	1162	26	15	0.04	0.27	72
CO5189+	CO5044	1.30	226 3-	2ACSR	5640	5329	4691	348	1137	25	14	0.03	0.30	58
XFMR250	CO5189	1.30	225 3-	333 KVA 1PH AUT	1259	1253	1232	177	1136	25	112	1.05	1.35	0
CO5190	XFMR250	1.51	225 3-	2ACSR	1215	1204	1167	175	1136	51	29	0.29	1.64	526
CO5188	CO5190	1.60	225 3-	2ACSR	1197	1183	1142	174	1133	51	29	0.12	1.76	216
CO5045	CO5188	1.64	224 3-	2ACSR	1189	1174	1130	174	1119	51	28	0.05	1.81	98
CO5046	CO5045	1.66	208 3-	2ACSR	1184	1168	1123	174	1054	48	27	0.03	1.85	53
CO5172	CO5046	1.76	3 1-	4ACSR	0	0	1092	173	12	1	1	0.00	1.85	0
CO5173	CO5172	1.87	1 1-	4ACSR	0	0	1060	172	0	0	0	0.00	1.85	0
CO5174	CO5173	1.93	1 1-	4ACSR	0	0	1040	171	0	0	0	0.00	1.85	0
CO5175	CO5174	2.00	1 1-	4ACSR	0	0	1022	170	0	0	0	0.00	1.85	0
CO5047	CO5046	1.75	203 3-	2ACSR	1168	1150	1100	173	1030	47	26	0.10	1.94	162
CO5069	CO5047	1.78	1 1-	4ACSR	0	0	1088	173	10	1	1	0.00	1.95	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5169	CO5047	1.81	2 1-	4ACSR	0	0	1081	173	17	2	2	0.01	1.95	0
CO5170	CO5169	1.84	2 1-	4ACSR	0	0	1071	172	17	2	2	0.00	1.95	0
CO5070	CO5170	1.87	1 1-	4ACSR	0	0	1062	172	7	0	1	0.00	1.96	0
CO5171	CO5170	1.87	1 1-	4ACSR	0	0	1061	172	10	1	1	0.00	1.96	0
CO5167	CO5047	1.81	199 3-	2ACSR	1155	1135	1083	173	994	45	25	0.08	2.02	123
CO5168	CO5167	1.94	199 3-	2ACSR	1130	1106	1049	172	993	45	25	0.15	2.17	239
CO5166	CO5168	1.99	197 3-	2ACSR	1120	1094	1036	171	989	45	25	0.06	2.24	102
CO5048	CO5166	2.08	196 3-	2ACSR	1102	1074	1013	171	978	45	25	0.11	2.34	170
CO5164	CO5048	2.13	2 1-	4ACSR	0	0	999	170	9	1	1	0.00	2.35	0
CO5165	CO5164	2.22	2 1-	4ACSR	0	0	976	169	9	1	1	0.00	2.35	0
CO5163	CO5048	2.11	1 1-	4ACSR	0	0	1005	170	11	1	1	0.00	2.35	0
CO5162	CO5163	2.22	1 1-	4ACSR	0	0	975	169	11	1	1	0.00	2.35	0
CO5050	CO5048	2.21	193 3-	2ACSR	1077	1046	981	170	958	44	25	0.15	2.50	235
CO5107	CO5050	2.29	2 1-	4ACSR	0	0	960	169	1	0	0	0.00	2.50	0
CO5159	CO5050	2.41	191 3-	2ACSR	1040	1005	936	168	956	44	24	0.23	2.72	349
CO5160	CO5159	2.50	191 3-	2ACSR	1024	987	917	168	954	44	24	0.10	2.83	161
CO5161	CO5160	2.56	190 3-	2ACSR	1014	976	905	167	951	43	24	0.06	2.89	97
CO5282	CO5161	2.56	7 1-	6ACWC	0	0	904	167	24	3	2	0.00	2.89	0
OC138	CO5282	2.56	7 1-	10 N FUSE	0	0	904	167	24	3	34	0.00	2.89	0
CO5283	OC138	2.74	7 1-	6ACWC	0	0	863	165	24	3	2	0.03	2.92	0
CO5156	CO5283	2.98	6 1-	6ACWC	0	0	811	163	22	3	2	0.03	2.95	0
CO5106	CO5156	3.05	1 1-	2ACSR	0	0	799	162	0	0	0	0.00	2.95	0
CO5074	CO5156	3.02	1 1-	4ACSR	0	0	803	163	1	0	0	0.00	2.95	0
CO5157	CO5156	3.17	3 1-	6ACWC	0	0	772	161	17	2	2	0.01	2.96	0
CO5158	CO5157	3.25	2 1-	2ACSR	0	0	761	161	8	1	1	0.00	2.96	0
CO-368108086	CO5158	3.29	0 1-	2ACSR	0	0	753	160	0	0	0	0.00	2.96	0
CO-1304904973	CO5158	3.43	2 1-	2ACSR	0	0	733	159	8	1	1	0.01	2.97	0
CO5076	CO-1304904973	3.47	1 1-	4ACSR	0	0	726	159	6	0	1	0.00	2.97	0
CO5075	CO-1304904973	3.47	1 1-	4ACSR	0	0	726	159	2	0	0	0.00	2.97	0
CO5109	CO5161	3.26	183 3-	2ACSR	900	852	777	162	926	42	24	0.78	3.67	1174
CO5154	CO5109	3.36	182 3-	2ACSR	886	836	762	162	914	42	24	0.11	3.78	161
CO5155	CO5154	3.51	180 3-	2ACSR	864	817	739	161	907	42	23	0.17	3.95	245
CO5151	CO5155	3.61	4 1-	4ACSR	0	0	722	160	16	2	2	0.01	3.96	0
CO5152	CO5151	3.75	3 1-	4ACSR	0	0	698	158	16	2	2	0.01	3.97	0
CO5153	CO5152	3.86	2 1-	4ACSR	0	0	680	157	7	0	1	0.00	3.97	0
CO-1883019117	CO5153	3.90	1 1-	2ACSR	0	0	676	157	6	0	1	0.00	3.97	0
CO-380523974	CO-1883019117	3.95	1 1-	2ACSR	0	0	669	157	6	0	1	0.00	3.98	0
CO1855604674	CO-380523974	4.01	1 1-	2ACSR	0	0	663	156	6	0	1	0.00	3.98	0
CO5149	CO5155	3.53	176 3-	2ACSR	861	814	736	160	890	41	23	0.02	3.97	33
CO5150	CO5149	3.64	176 3-	2ACSR	846	800	721	160	890	41	23	0.12	4.09	168
CO5148	CO5150	3.74	175 3-	2ACSR	832	787	706	159	880	41	23	0.11	4.20	160
CO5146	CO5148	3.81	172 3-	2ACSR	824	779	698	159	867	40	23	0.07	4.27	95
CO5147	CO5146	3.89	171 3-	2ACSR	813	769	687	158	864	40	22	0.09	4.36	128
CO5083	CO5147	3.97	1 1-	4ACSR	0	0	675	157	12	1	1	0.00	4.36	0
CO5082	CO5147	3.95	1 1-	4ACSR	0	0	678	157	2	0	0	0.00	4.36	0
CO5284	CO5147	3.90	17 1-	6ACWC	0	0	686	158	90	12	9	0.00	4.36	0
OC137	CO5284	3.90	17 1-	10 N FUSE	0	0	686	158	90	12	125	0.00	4.36	0
CO5285	OC137	4.05	17 1-	6ACWC	0	0	663	157	90	12	9	0.08	4.44	12
CO5137	CO5285	4.32	16 1-	6ACWC	0	0	626	154	84	11	8	0.14	4.58	19
CO5081	CO5137	4.46	1 1-	4ACSR	0	0	607	153	0	0	0	0.00	4.58	0
CO5080	CO5137	4.34	0 1-	4ACSR	0	0	622	154	0	0	0	0.00	4.58	0
CO5138	CO5137	4.36	15 1-	6ACWC	0	0	620	154	84	11	8	0.02	4.60	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5139	CO5138	4.52	15 1-	6ACWC	0	0	599	152	84	11	8	0.09	4.69	12
CO5274	CO5139	4.59	5 1-	2ACSR	0	0	592	152	32	4	2	0.01	4.70	0
CO1958208634	CO5274	4.66	4 1-	2ACSR	0	0	586	152	22	3	2	0.01	4.71	0
CO279939660	CO1958208634	4.74	1 1-	2ACSR	0	0	578	151	8	1	1	0.00	4.71	0
CO-1465172700	CO1958208634	4.78	3 1-	2ACSR	0	0	574	151	14	1	1	0.01	4.71	0
CO4068	CO-1465172700	4.87	3 1-	2ACSR	0	0	566	150	14	1	1	0.00	4.72	0
CO-1714568151	CO4068	4.94	1 1-	2ACSR	0	0	559	150	0	0	0	0.00	4.72	0
CO4067	CO4068	4.92	1 1-	2ACSR	0	0	561	150	12	1	1	0.00	4.72	0
CO3906	CO-1465172700	4.82	0 1-	2ACSR	0	0	570	151	0	0	0	0.00	4.71	0
CO5290	CO5274	4.63	1 1-	750 MCM - 42 Wi	0	0	590	152	10	1	0	0.00	4.70	0
CO5103	CO5139	4.59	1 1-	2ACSR	0	0	592	152	13	1	1	0.00	4.69	0
CO5140	CO5139	4.60	9 1-	6ACWC	0	0	590	152	39	5	4	0.01	4.70	0
CO8268	CO5140	4.77	4 1-	4ACSR	0	0	570	150	13	1	1	0.01	4.72	0
CO3970	CO8268	4.85	3 1-	4ACSR	0	0	560	149	10	1	1	0.01	4.72	0
CO3881	CO3970	4.93	0 1-	4ACSR	0	0	552	149	0	0	0	0.00	4.72	0
CO3973	CO3970	5.02	3 1-	4ACSR	0	0	542	148	10	1	1	0.01	4.73	0
CO3972	CO3973	5.11	3 1-	4ACSR	0	0	533	147	10	1	1	0.00	4.74	0
CO3974	CO3972	5.19	1 1-	4ACSR	0	0	524	147	0	0	0	0.00	4.74	0
CO3971	CO3974	5.33	1 1-	4ACSR	0	0	511	146	0	0	0	0.00	4.74	0
CO5141	CO5140	4.77	3 1-	4ACSR	0	0	569	150	9	1	1	0.01	4.71	0
CO5142	CO5141	4.86	2 1-	4ACSR	0	0	559	149	6	0	1	0.00	4.72	0
CO5144	CO5142	4.99	1 1-	2ACSR	0	0	548	149	6	0	0	0.00	4.72	0
CO5145	CO5144	5.03	1 1-	2ACSR	0	0	545	148	6	0	0	0.00	4.72	0
CO5143	CO5142	4.97	1 1-	4ACSR	0	0	547	148	0	0	0	0.00	4.72	0
CO5135	CO5147	3.97	150 3-	2ACSR	803	760	677	158	759	35	20	0.07	4.42	83
CO5136	CO5135	4.08	147 3-	2ACSR	789	746	663	157	742	34	19	0.11	4.53	128
CO5084	CO5136	4.20	1 1-	4ACSR	0	0	646	156	9	1	1	0.00	4.53	0
CO5133	CO5136	4.17	145 3-	2ACSR	778	736	652	156	733	34	19	0.08	4.61	98
CO5134	CO5133	4.27	143 3-	2ACSR	767	726	642	156	721	33	19	0.08	4.69	94
CO5132	CO5134	4.30	142 3-	2ACSR	763	722	637	155	704	33	18	0.03	4.72	37
CO8269	CO5132	4.44	140 3-	2ACSR	747	707	622	155	693	32	18	0.12	4.84	134
CO-1664755867	CO8269	4.48	0 1-	2ACSR	0	0	618	154	0	0	0	0.00	4.84	0
CO3975	CO8269	4.50	139 3-	2ACSR	740	701	616	154	682	32	18	0.05	4.89	57
CO3855	CO3975	4.58	137 3-	2ACSR	732	693	607	154	672	31	18	0.07	4.96	73
CO3978	CO3855	4.73	92 3-	2ACSR	716	679	593	153	430	20	11	0.07	5.03	52
CO3977	CO3978	4.76	90 3-	2ACSR	713	676	590	153	419	19	11	0.02	5.05	11
CO3979	CO3977	4.95	90 3-	2ACSR	694	658	572	151	419	19	11	0.10	5.15	68
CO693508343	CO3979	5.19	90 3-	2ACSR	671	637	550	150	419	19	11	0.12	5.27	86
CO-684338064	CO693508343	5.20	89 3-	2ACSR	670	636	549	150	413	19	11	0.00	5.27	3
CO4005	CO-684338064	5.30	60 3-	2ACSR	661	628	541	149	273	12	7	0.03	5.31	15
CO4003	CO4005	5.39	59 3-	2ACSR	653	620	534	149	267	12	7	0.03	5.34	13
CO4004	CO4003	5.49	58 3-	2ACSR	644	612	526	148	265	12	7	0.03	5.37	14
CO3893	CO4004	5.56	1 1-	4ACSR	0	0	519	148	0	0	0	0.00	5.37	0
CO4048	CO4004	5.55	1 1-	4ACSR	0	0	520	148	0	0	0	0.00	5.37	0
CO4049	CO4048	5.67	1 1-	4ACSR	0	0	509	147	0	0	0	0.00	5.37	0
CO4007	CO4004	5.53	56 3-	2ACSR	641	609	523	148	264	12	7	0.01	5.38	5
CO4006	CO4007	5.68	55 3-	2ACSR	628	598	511	147	259	12	7	0.05	5.43	20
CO4088	CO4006	5.68	9 1-	4ACSR	0	0	511	147	12	1	1	0.00	5.43	0
OC118	CO4088	5.68	9 1-	15 H OCR	0	0	511	147	12	1	11	0.00	5.43	0
CO4089	OC118	5.85	9 1-	4ACSR	0	0	496	146	12	1	1	0.01	5.44	0
CO3892	CO4089	5.92	1 1-	4ACSR	0	0	490	145	8	1	1	0.00	5.44	0
CO4009	CO4089	5.94	8 1-	4ACSR	0	0	489	145	4	0	0	0.00	5.44	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4011	CO4009	6.07	8 1-	4ACSR	0	0	477	144	4	0	0	0.00	5.44	0
CO4010	CO4011	6.15	7 1-	4ACSR	0	0	471	143	2	0	0	0.00	5.44	0
CO4008	CO4010	6.21	7 1-	4ACSR	0	0	466	143	2	0	0	0.00	5.45	0
CO3894	CO4008	6.52	0 1-	4ACSR	0	0	443	140	0	0	0	0.00	5.45	0
CO4013	CO4008	6.34	7 1-	2ACSR	0	0	458	142	2	0	0	0.00	5.45	0
CO4012	CO4013	6.44	7 1-	2ACSR	0	0	452	142	2	0	0	0.00	5.45	0
CO3859	CO4012	6.50	6 1-	2ACSR	0	0	449	141	2	0	0	0.00	5.45	0
CO8261	CO3859	6.74	5 1-	2ACSR	0	0	435	140	1	0	0	0.00	5.45	0
CO3686	CO8261	6.90	4 1-	2ACSR	0	0	426	139	1	0	0	0.00	5.45	0
CO3687	CO3686	7.14	4 1-	2ACSR	0	0	414	138	1	0	0	0.00	5.45	0
CO2995	CO3687	7.29	4 1-	2ACSR	0	0	407	137	1	0	0	0.00	5.45	0
CO3688	CO2995	7.37	2 1-	4ACSR	0	0	402	136	0	0	0	0.00	5.45	0
CO3689	CO3688	7.39	2 1-	4ACSR	0	0	401	136	0	0	0	0.00	5.45	0
CO3690	CO3689	7.59	1 1-	4ACSR	0	0	389	135	0	0	0	0.00	5.45	0
CO2996	CO2995	7.54	1 1-	2ACSR	0	0	395	136	0	0	0	0.00	5.45	0
CO3082	CO3687	7.20	0 1-	4ACSR	0	0	410	137	0	0	0	0.00	5.45	0
CO4014	CO3859	6.73	0 1-	4ACSR	0	0	432	139	0	0	0	0.00	5.45	0
CO8304	CO4014	7.13	0 1-	4ACSR	0	0	406	136	0	0	0	0.00	5.45	0
CO4805	CO8304	7.38	0 1-	4ACSR	0	0	391	135	0	0	0	0.00	5.45	0
CO4806	CO4805	7.45	0 1-	4ACSR	0	0	388	134	0	0	0	0.00	5.45	0
CO4050	CO4012	6.49	1 1-	4ACSR	0	0	449	141	0	0	0	0.00	5.45	0
CO4051	CO4050	6.52	1 1-	4ACSR	0	0	446	141	0	0	0	0.00	5.45	0
CO4015	CO4006	5.74	45 3-	2ACSR	623	593	507	147	246	11	6	0.02	5.45	8
CO4017	CO4015	5.84	45 3-	2ACSR	615	585	499	146	246	11	6	0.03	5.48	12
CO4016	CO4017	5.94	43 3-	2ACSR	607	578	493	146	231	10	6	0.03	5.50	10
CO3862	CO4016	6.08	33 3-	2ACSR	597	569	483	145	184	8	5	0.03	5.53	9
CO3863	CO3862	6.25	31 3-	2ACSR	584	557	472	144	177	8	5	0.04	5.57	11
CO3901	CO3863	6.35	1 1-	4ACSR	0	0	465	143	1	0	0	0.00	5.57	0
CO3864	CO3863	6.32	30 3-	2ACSR	579	552	468	143	175	8	5	0.01	5.58	4
CO8250	CO3864	6.40	28 3-	2ACSR	574	547	463	143	173	8	5	0.02	5.60	5
CO2998	CO8250	6.84	23 3-	2ACSR	544	520	437	141	145	6	4	0.08	5.68	19
CO3725	CO2998	6.91	12 3-	2ACSR	540	516	433	140	106	4	3	0.01	5.69	0
CO3726	CO3725	6.96	12 3-	2ACSR	537	513	430	140	106	4	3	0.01	5.69	0
CO3727	CO3726	7.03	12 3-	2ACSR	532	509	427	140	106	4	3	0.01	5.70	0
CO3724	CO3727	7.05	1 1-	4ACSR	0	0	425	139	12	1	1	0.00	5.70	0
CO3723	CO3727	7.12	1 1-	4ACSR	0	0	421	139	10	1	1	0.00	5.71	0
CO3717	CO3727	7.10	10 3-	2ACSR	528	505	423	139	84	3	2	0.01	5.71	0
CO3718	CO3717	7.13	9 3-	2ACSR	526	503	422	139	68	3	2	0.00	5.71	0
CO3719	CO3718	7.20	7 3-	2ACSR	522	499	418	139	44	2	1	0.00	5.72	0
CO3720	CO3719	7.24	5 3-	2ACSR	520	497	416	139	29	1	1	0.00	5.72	0
CO3721	CO3720	7.25	3 3-	2ACSR	519	497	415	138	15	0	0	0.00	5.72	0
CO3722	CO3721	7.38	1 3-	2ACSR	512	490	409	138	0	0	0	0.00	5.72	0
CO3716	CO3722	7.54	1 3-	2ACSR	503	482	402	137	0	0	0	0.00	5.72	0
CO3122	CO3716	7.61	1 1-	4ACSR	0	0	398	136	0	0	0	0.00	5.72	0
CO2999	CO3716	7.65	0 3-	2ACSR	497	476	396	136	0	0	0	0.00	5.72	0
SW109-B	CO2999	7.65	0 3-	Open	497	476	396	136	0	0	0	0.00	5.72	0
CO3827	CO2998	6.85	11 1-	4ACSR	0	0	437	141	39	5	4	0.00	5.68	0
OC100	CO3827	6.85	11 1-	10 N FUSE	0	0	437	141	39	5	55	0.00	5.68	0
CO3828	OC100	6.97	11 1-	4ACSR	0	0	428	140	39	5	4	0.03	5.71	0
CO3728	CO3828	7.18	8 1-	4ACSR	0	0	415	138	29	4	3	0.03	5.74	0
CO3729	CO3728	7.24	3 1-	4ACSR	0	0	411	138	23	3	2	0.01	5.75	0
CO3730	CO3729	7.29	2 1-	4ACSR	0	0	408	137	19	2	2	0.00	5.75	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3731	CO3728	7.28	0 1-	4ACSR	0	0	409	137	0	0	0	0.00	5.74	0
CO8263	CO3731	7.57	0 1-	4ACSR	0	0	391	135	0	0	0	0.00	5.74	0
CO2997	CO8250	6.49	5 1-	4ACSR	0	0	456	142	28	3	3	0.02	5.62	0
CO3732	CO2997	6.58	2 1-	4ACSR	0	0	449	142	9	1	1	0.00	5.62	0
CO3733	CO3732	6.68	2 1-	4ACSR	0	0	442	141	9	1	1	0.00	5.62	0
CO3083	CO2997	6.59	1 1-	4ACSR	0	0	449	142	14	2	1	0.00	5.62	0
CO4057	CO3864	6.40	2 1-	4ACSR	0	0	461	143	2	0	0	0.00	5.59	0
CO3904	CO4057	6.42	1 1-	4ACSR	0	0	460	143	1	0	0	0.00	5.59	0
CO4058	CO4057	6.45	1 1-	4ACSR	0	0	458	142	1	0	0	0.00	5.59	0
CO3902	CO3864	6.44	0 1-	4ACSR	0	0	458	142	0	0	0	0.00	5.58	0
CO3900	CO3862	6.16	1 1-	4ACSR	0	0	477	144	0	0	0	0.00	5.53	0
CO3899	CO3862	6.12	1 1-	4ACSR	0	0	480	144	8	1	1	0.00	5.53	0
CO4082	CO4016	5.95	9 1-	4ACSR	0	0	492	145	35	4	4	0.00	5.50	0
OC115	CO4082	5.95	9 1-	15 H OCR	0	0	492	145	35	4	33	0.00	5.50	0
CO4083	OC115	6.01	9 1-	4ACSR	0	0	487	145	35	4	4	0.01	5.52	0
CO3897	CO4083	6.09	1 1-	4ACSR	0	0	480	144	7	0	1	0.00	5.52	0
CO4019	CO4083	6.32	8 1-	4ACSR	0	0	462	143	28	4	3	0.05	5.57	2
CO4018	CO4019	6.37	7 1-	4ACSR	0	0	458	142	23	3	2	0.01	5.58	0
CO3896	CO4018	6.46	1 1-	4ACSR	0	0	451	141	4	0	0	0.00	5.58	0
CO3895	CO4018	6.44	1 1-	4ACSR	0	0	452	142	0	0	0	0.00	5.58	0
CO3860	CO4018	6.47	5 1-	4ACSR	0	0	451	141	19	2	2	0.01	5.59	0
CO3861	CO3860	6.89	3 1-	4ACSR	0	0	421	138	12	1	1	0.03	5.62	0
CO4055	CO3861	6.95	3 1-	4ACSR	0	0	418	138	12	1	1	0.00	5.62	0
CO4056	CO4055	7.06	2 1-	4ACSR	0	0	410	137	12	1	1	0.01	5.63	0
CO4054	CO4056	7.09	2 1-	4ACSR	0	0	408	137	12	1	1	0.00	5.63	0
CO3898	CO3861	7.00	0 1-	4ACSR	0	0	414	137	0	0	0	0.00	5.62	0
CO4052	CO3860	6.50	2 1-	4ACSR	0	0	448	141	7	1	1	0.00	5.59	0
CO4053	CO4052	6.53	2 1-	4ACSR	0	0	446	141	7	1	1	0.00	5.59	0
CO3907	CO4017	5.90	2 1-	2ACSR	0	0	496	146	15	2	1	0.00	5.48	0
CO3856	CO-684338064	5.52	29 1-	4ACSR	0	0	517	147	139	19	14	0.28	5.56	66
CO3884	CO3856	5.76	1 1-	4ACSR	0	0	495	145	10	1	1	0.01	5.56	0
CO4080	CO3856	5.53	28 1-	4ACSR	0	0	517	147	129	18	13	0.01	5.56	0
OC114	CO4080	5.53	28 1-	25 H OCR	0	0	517	147	129	18	73	0.00	5.56	0
CO4081	OC114	5.74	28 1-	4ACSR	0	0	497	145	129	18	13	0.18	5.74	38
CO3865	CO4081	5.84	23 1-	4ACSR	0	0	489	145	109	15	11	0.07	5.81	12
CO3903	CO3865	5.89	1 1-	4ACSR	0	0	484	144	3	0	0	0.00	5.81	0
CO4023	CO3865	5.90	22 1-	4ACSR	0	0	484	144	106	14	11	0.04	5.85	7
CO4022	CO4023	5.95	21 1-	4ACSR	0	0	479	144	100	14	10	0.03	5.88	6
CO4020	CO4022	6.13	21 1-	4ACSR	0	0	464	142	100	14	10	0.12	6.00	19
CO4021	CO4020	6.20	20 1-	4ACSR	0	0	459	142	99	14	10	0.04	6.04	7
CO3886	CO4021	6.33	2 1-	4ACSR	0	0	449	141	19	2	2	0.01	6.05	0
CO3982	CO4021	6.27	17 1-	4ACSR	0	0	454	141	77	10	8	0.03	6.08	4
CO3980	CO3982	6.39	17 1-	4ACSR	0	0	445	140	77	10	8	0.06	6.13	7
CO3981	CO3980	6.42	16 1-	4ACSR	0	0	443	140	72	10	7	0.01	6.15	0
CO3857	CO3981	6.52	6 1-	4ACSR	0	0	435	139	26	3	3	0.02	6.16	0
CO3991	CO3857	6.61	6 1-	4ACSR	0	0	430	139	26	3	3	0.01	6.18	0
CO3990	CO3991	6.62	5 1-	4ACSR	0	0	429	139	23	3	2	0.00	6.18	0
CO3988	CO3990	6.73	5 1-	4ACSR	0	0	421	138	23	3	2	0.02	6.19	0
CO3989	CO3988	6.81	4 1-	4ACSR	0	0	416	137	19	2	2	0.01	6.20	0
CO3992	CO3989	6.87	4 1-	4ACSR	0	0	412	137	19	2	2	0.01	6.21	0
CO3890	CO3992	7.03	1 1-	4ACSR	0	0	403	136	6	0	1	0.00	6.21	0
CO3858	CO3992	7.12	3 1-	4ACSR	0	0	397	135	14	1	1	0.02	6.23	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3891	CO3858	7.28	1 1-	4ACSR	0	0	388	134	0	0	0	0.00	6.23	0
CO3998	CO3858	7.29	1 1-	4ACSR	0	0	388	134	10	1	1	0.01	6.24	0
CO3997	CO3998	7.52	1 1-	4ACSR	0	0	375	132	10	1	1	0.02	6.26	0
CO3999	CO3997	7.64	1 1-	4ACSR	0	0	368	131	10	1	1	0.01	6.27	0
CO3996	CO3999	7.71	1 1-	4ACSR	0	0	365	131	10	1	1	0.00	6.27	0
CO4000	CO3996	7.86	1 1-	4ACSR	0	0	357	130	10	1	1	0.01	6.28	0
CO3995	CO4000	7.90	1 1-	4ACSR	0	0	356	130	10	1	1	0.00	6.28	0
CO4001	CO3995	7.94	1 1-	4ACSR	0	0	354	129	10	1	1	0.00	6.29	0
CO3994	CO4001	7.98	1 1-	4ACSR	0	0	352	129	10	1	1	0.00	6.29	0
CO4002	CO3994	8.01	1 1-	4ACSR	0	0	351	129	10	1	1	0.00	6.29	0
CO3993	CO4002	8.06	1 1-	4ACSR	0	0	348	129	10	1	1	0.00	6.29	0
CO3887	CO3857	6.57	0 1-	4ACSR	0	0	432	139	0	0	0	0.00	6.16	0
CO4024	CO3981	6.79	9 1-	4ACSR	0	0	417	137	45	6	5	0.11	6.25	8
CO3888	CO4024	6.92	1 1-	4ACSR	0	0	409	136	3	0	0	0.00	6.25	0
CO4077	CO4024	7.01	8 1-	4ACSR	0	0	404	136	42	5	4	0.06	6.31	4
CO3968	CO4077	7.05	6 1-	4ACSR	0	0	402	135	33	4	3	0.01	6.32	0
CO3967	CO3968	7.14	5 1-	4ACSR	0	0	396	135	28	3	3	0.02	6.33	0
CO3969	CO3967	7.33	5 1-	4ACSR	0	0	385	133	28	3	3	0.03	6.37	0
CO3966	CO3969	7.60	4 1-	4ACSR	0	0	371	132	22	3	2	0.04	6.40	0
CO4043	CO3966	7.64	1 1-	4ACSR	0	0	368	131	13	1	1	0.00	6.41	0
CO4044	CO4043	7.69	1 1-	4ACSR	0	0	366	131	13	1	1	0.00	6.41	0
CO4042	CO4044	7.73	1 1-	4ACSR	0	0	364	131	13	1	1	0.00	6.42	0
CO4045	CO4042	7.79	1 1-	4ACSR	0	0	361	130	13	1	1	0.00	6.42	0
CO4046	CO3966	7.65	2 1-	4ACSR	0	0	368	131	9	1	1	0.00	6.41	0
CO4047	CO4046	7.75	1 1-	4ACSR	0	0	363	131	0	0	0	0.00	6.41	0
CO3889	CO4077	7.08	2 1-	4ACSR	0	0	400	135	9	1	1	0.00	6.31	0
CO3885	CO4081	5.79	2 1-	4ACSR	0	0	493	145	11	1	1	0.00	5.74	0
CO3984	CO4081	5.77	3 1-	4ACSR	0	0	494	145	8	1	1	0.00	5.74	0
CO3986	CO3984	6.21	3 1-	4ACSR	0	0	458	142	8	1	1	0.02	5.76	0
CO3985	CO3986	6.24	2 1-	4ACSR	0	0	456	141	6	0	1	0.00	5.76	0
CO3983	CO3985	6.66	2 1-	4ACSR	0	0	426	138	6	0	1	0.02	5.78	0
CO3987	CO3983	6.77	2 1-	4ACSR	0	0	419	137	6	0	1	0.00	5.78	0
CO-254729501	CO693508343	5.34	1 1-	2ACSR	0	0	538	149	6	0	0	0.00	5.27	0
CO3883	CO3855	4.80	45 1-	4ACSR	0	0	581	152	242	34	25	0.34	5.30	136
OH355	CO3883	5.06	44 1-	4ACSR	0	0	552	149	236	33	24	0.41	5.71	159
CO8272	OH355	5.12	44 1-	4ACSR	0	0	545	149	236	33	24	0.09	5.80	36
CO5202	CO8272	5.25	44 1-	4ACSR	0	0	532	148	236	33	24	0.20	6.00	79
CO5098	CO5202	5.32	1 1-	4ACSR	0	0	525	147	16	2	2	0.00	6.01	0
CO5056	CO5202	5.49	42 1-	4ACSR	0	0	509	146	217	31	22	0.34	6.35	124
CO5204	CO5056	5.58	40 1-	4ACSR	0	0	500	145	205	29	21	0.13	6.47	42
CO5203	CO5204	5.69	37 1-	4ACSR	0	0	491	144	191	27	20	0.13	6.60	42
CO5207	CO5203	5.93	34 1-	4ACSR	0	0	471	142	180	26	19	0.28	6.89	85
CO5206	CO5207	6.05	33 1-	4ACSR	0	0	461	141	177	25	18	0.15	7.04	45
CO5205	CO5206	6.21	32 1-	4ACSR	0	0	448	140	176	25	18	0.19	7.22	55
CO5211	CO5205	6.37	27 1-	4ACSR	0	0	437	139	157	22	16	0.17	7.39	44
CO5210	CO5211	6.45	27 1-	4ACSR	0	0	431	138	156	22	16	0.09	7.48	23
CO5209	CO5210	6.54	25 1-	4ACSR	0	0	425	138	156	22	16	0.09	7.57	24
CO5208	CO5209	6.61	25 1-	4ACSR	0	0	421	137	156	22	16	0.07	7.64	18
CO8303	CO5208	6.78	0 1-	4ACSR	0	0	410	136	0	0	0	0.00	7.64	0
CO5212	CO5208	6.64	25 1-	4ACSR	0	0	418	137	156	22	16	0.04	7.68	10
CO8305	CO5212	6.76	23 1-	4ACSR	0	0	411	136	150	21	16	0.12	7.80	30
CO4807	CO8305	6.87	19 1-	4ACSR	0	0	404	135	134	19	14	0.10	7.89	22

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4809	CO4807	7.01	19 1-	4ACSR	0	0	396	134	133	19	14	0.11	8.01	24
CO4808	CO4809	7.04	15 1-	4ACSR	0	0	394	134	115	16	12	0.02	8.03	4
CO4813	CO4808	7.09	7 1-	4ACSR	0	0	391	134	53	7	6	0.02	8.05	0
CO4814	CO4813	7.13	2 1-	2ACSR	0	0	389	134	11	1	1	0.00	8.05	0
CO4815	CO4814	7.15	2 1-	2ACSR	0	0	389	134	11	1	1	0.00	8.05	0
CO4812	CO4813	7.18	5 1-	4ACSR	0	0	386	133	42	6	4	0.02	8.07	0
CO4816	CO4812	7.40	2 1-	4ACSR	0	0	374	132	2	0	0	0.00	8.07	0
CO4817	CO4816	7.46	1 1-	4ACSR	0	0	371	131	1	0	0	0.00	8.07	0
CO5033	CO4817	7.55	0 1-	4ACSR	0	0	366	131	0	0	0	0.00	8.07	0
CO4775	CO4812	7.23	1 1-	4ACSR	0	0	383	133	14	1	1	0.00	8.07	0
CO4810	CO4808	7.11	5 1-	4ACSR	0	0	390	134	51	7	5	0.02	8.05	0
CO4811	CO4810	7.27	1 1-	4ACSR	0	0	381	133	15	2	2	0.01	8.06	0
CO4796	CO4810	7.19	1 1-	2ACSR	0	0	387	133	11	1	1	0.00	8.05	0
CO4774	CO4810	7.20	1 1-	4ACSR	0	0	385	133	10	1	1	0.00	8.05	0
CO4776	CO4807	6.94	0 1-	4ACSR	0	0	400	135	0	0	0	0.00	7.89	0
CO4801	CO8305	6.80	2 1-	4ACSR	0	0	409	136	13	1	1	0.00	7.80	0
CO5108	CO5210	6.51	1 1-	2ACSR	0	0	428	138	1	0	0	0.00	7.48	0
CO5100	CO5205	6.25	3 1-	4ACSR	0	0	446	140	5	0	1	0.00	7.23	0
CO5099	CO5205	6.26	1 1-	4ACSR	0	0	445	140	11	1	1	0.00	7.23	0
CO5097	CO5203	5.78	2 1-	4ACSR	0	0	483	144	1	0	0	0.00	6.60	0
CO5096	CO5056	5.58	2 1-	4ACSR	0	0	500	145	11	1	1	0.00	6.35	0
CO3882	CO3975	4.68	1 1-	4ACSR	0	0	593	153	9	1	1	0.00	4.90	0
CO5085	CO5132	4.42	1 1-	4ACSR	0	0	621	154	11	1	1	0.00	4.73	0
CO5079	CO5148	3.79	1 1-	4ACSR	0	0	698	159	7	1	1	0.00	4.20	0
CO5078	CO5148	3.81	1 1-	4ACSR	0	0	695	158	2	0	0	0.00	4.20	0
CO5077	CO5109	3.38	1 1-	4ACSR	0	0	755	161	7	0	1	0.00	3.68	0
CO5281	CO5050	2.22	0 1-	4ACSR	0	0	979	170	0	0	0	0.00	2.50	0
SW141-A	Open	2.22	0 1-	Open	0	0	979	170	0	0	0	0.00	2.50	0
CO5071	CO5166	2.02	1 1-	4ACSR	0	0	1026	171	10	1	1	0.00	2.24	0
CO5278	CO5045	1.65	16 1-	4ACSR	0	0	1128	174	65	8	6	0.00	1.82	0
OC135	CO5278	1.65	16 1-	50 H OCR	0	0	1128	174	65	8	18	0.00	1.82	0
CO5279	OC135	1.81	16 1-	4ACSR	0	0	1077	172	65	8	6	0.06	1.88	6
CO5176	CO5279	1.83	15 1-	4ACSR	0	0	1070	172	55	7	5	0.01	1.89	0
CO5177	CO5176	1.93	15 1-	4ACSR	0	0	1041	171	55	7	5	0.03	1.92	3
CO5178	CO5177	2.02	15 1-	4ACSR	0	0	1013	170	55	7	5	0.03	1.95	2
CO5179	CO5178	2.12	14 1-	4ACSR	0	0	986	169	46	6	5	0.02	1.97	0
CO5180	CO5179	2.21	13 1-	4ACSR	0	0	961	168	38	5	4	0.02	1.99	0
CO5049	CO5180	2.28	8 1-	4ACSR	0	0	942	167	25	3	2	0.01	2.00	0
CO5184	CO5049	2.33	5 1-	4ACSR	0	0	928	167	22	2	2	0.01	2.01	0
CO5185	CO5184	2.42	3 1-	4ACSR	0	0	906	166	18	2	2	0.01	2.02	0
CO5073	CO5185	2.48	2 1-	4ACSR	0	0	890	165	9	1	1	0.00	2.02	0
CO5186	CO5185	2.48	1 1-	4ACSR	0	0	889	165	9	1	1	0.00	2.02	0
CO5272	CO5186	2.52	1 1-	4ACSR	0	0	879	165	9	1	1	0.00	2.02	0
CO5104	CO5272	2.56	0 1-	2ACSR	0	0	872	164	0	0	0	0.00	2.02	0
CO5273	CO5272	2.57	0 1-	4ACSR	0	0	867	164	0	0	0	0.00	2.02	0
CO5187	CO5273	2.88	0 1-	4ACSR	0	0	798	161	0	0	0	0.00	2.02	0
CO5280	CO5187	3.18	0 1-	4ACSR	0	0	738	158	0	0	0	0.00	2.02	0
SW141-B	Open	3.18	0 1-	Open	0	0	738	158	0	0	0	0.00	2.02	0
CO5181	CO5049	2.30	2 1-	4ACSR	0	0	935	167	1	0	0	0.00	2.00	0
CO5182	CO5181	2.37	1 1-	4ACSR	0	0	916	166	1	0	0	0.00	2.00	0
CO5183	CO5182	2.41	1 1-	4ACSR	0	0	908	166	1	0	0	0.00	2.00	0
CO5072	CO5180	2.25	1 1-	4ACSR	0	0	948	167	2	0	0	0.00	1.99	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5068	CO5188	1.63	1 1-	4ACSR	0	0	1132	174	13	1	1	0.00	1.76	0
CO5067+	CO5044	1.25	1 1-	4ACSR	0	0	4805	348	5	0	0	0.00	0.27	0
CO5066+	CO5044	1.27	1 1-	4ACSR	0	0	4716	348	9	0	0	0.00	0.27	0
CO5191+	CO5043	1.15	8 1-	4ACSR	0	0	5125	350	23	1	1	0.00	0.23	0
CO5192+	CO5191	1.18	6 1-	4ACSR	0	0	4994	349	15	0	1	0.00	0.23	0
CO5193+	CO5192	1.21	5 1-	4ACSR	0	0	4872	348	8	0	0	0.00	0.23	0
CO5194+	CO5193	1.39	4 1-	4ACSR	0	0	4235	344	6	0	0	0.00	0.23	0
CO5065+	CO5194	1.43	1 1-	4ACSR	0	0	4125	344	3	0	0	0.00	0.23	0
CO5195+	CO5194	1.43	3 1-	4ACSR	0	0	4121	344	3	0	0	0.00	0.23	0
CO5196+	CO5195	1.48	1 1-	4ACSR	0	0	3989	343	0	0	0	0.00	0.23	0
CO5197+	CO5196	1.57	1 1-	4ACSR	0	0	3743	341	0	0	0	0.00	0.23	0
CO5617+	CO5648	0.93	4 1-	4ACSR	0	0	6023	353	30	2	1	0.00	0.14	0
CO5618+	CO5617	0.96	1 1-	4ACSR	0	0	5831	352	9	0	0	0.00	0.14	0
CO5538+	CO5650	0.81	2 1-	4ACSR	0	0	6421	354	10	0	0	0.00	0.08	0
CO5536+	CO5505	0.36	2 1-	4ACSR	0	0	8597	357	6	0	0	0.00	0.03	0
CO5535+	CO5505	0.33	3 1-	4ACSR	0	0	8901	357	13	0	1	0.00	0.03	0
CO5615+	CO5580	0.33	3 1-	4ACSR	0	0	8616	356	4	0	0	0.00	0.03	0
CO5616+	CO5615	0.37	2 1-	4ACSR	0	0	8205	355	4	0	0	0.00	0.03	0
CO5637+	CO5634	0.01	440 3-	750 MCM - 42 Wi	10735	11278	11425	359	2122	47	4	0.00	0.00	0
MudSock+	CO5637	0.01	440 3-	560 200WVE	10735	11278	11425	359	2122	47	9	0.00	0.00	0
CO5664+	MudSock	0.02	440 3-	1/0ACSR	10674	11173	11322	359	2122	47	21	0.00	0.01	11
CO5665+	CO5664	0.11	440 3-	1/0ACSR	10034	10159	10268	358	2122	47	21	0.04	0.04	122
CO5569+	CO5665	0.23	440 3-	1/0ACSR	9278	9276	9120	357	2122	47	21	0.05	0.09	158
CO5570+	CO5569	0.29	440 3-	1/0ACSR	8951	8895	8653	357	2121	47	21	0.02	0.12	74
CO5501+	CO5570	0.47	438 3-	1/0ACSR	8043	7857	7442	355	2111	47	21	0.07	0.19	228
CO5605+	CO5501	0.57	2 1-	4ACSR	0	0	6708	353	6	0	0	0.00	0.19	0
CO5604+	CO5605	0.66	2 1-	4ACSR	0	0	6070	351	6	0	0	0.00	0.19	0
CO5573+	CO5501	0.64	436 3-	1/0ACSR	7286	7016	6518	353	2104	47	21	0.07	0.26	224
CO5571+	CO5573	0.80	436 3-	1/0ACSR	6697	6379	5845	352	2103	47	21	0.06	0.33	203
CO5572+	CO5571	0.99	435 3-	1/0ACSR	6085	5734	5186	350	2094	47	21	0.08	0.41	246
CO17141+	CO5572	1.34	202 3-	1/0ACSR	5216	4909	4308	346	951	21	9	0.07	0.47	92
CO12251+	CO17141	1.46	202 3-	1/0ACSR	4953	4661	4054	345	951	21	9	0.02	0.49	34
CO12250+	CO12251	1.47	200 3-	1/0ACSR	4930	4639	4032	345	944	21	9	0.00	0.50	3
CO12249+	CO12250	1.71	200 3-	1/0ACSR	4498	4235	3627	343	944	21	9	0.05	0.54	63
CO12196+	CO12249	1.81	0 1-	4ACSR	0	0	3416	341	0	0	0	0.00	0.54	0
CO12161+	CO12249	1.85	200 3-	2ACSR	4241	4002	3398	341	944	21	12	0.04	0.58	56
AU2030824619	CO12161	1.85	200 3-	333 KVA 1PH AUT	1225	1216	1184	176	944	21	93	0.75	1.33	0
CO12157	AU2030824619	2.21	200 3-	2ACSR	1152	1133	1081	173	944	42	24	0.41	1.74	614
CO12160	CO12157	2.39	199 3-	2ACSR	1118	1094	1035	172	940	42	24	0.19	1.93	294
CO12156	CO12160	2.59	199 3-	2ACSR	1081	1052	987	170	938	42	24	0.22	2.15	327
CO12192	CO12156	2.68	1 1-	4ACSR	0	0	962	169	0	0	0	0.00	2.15	0
OC-1526328048	CO12192	2.68	0 1-	20 N FUSE	0	0	962	169	0	0	0	0.00	2.15	0
CO12248	CO12156	2.75	198 3-	2ACSR	1050	1018	950	169	937	42	24	0.18	2.33	275
CO12247	CO12248	3.42	198 3-	2ACSR	938	893	818	164	935	42	24	0.73	3.06	1109
CO12159	CO12247	3.51	196 3-	2ACSR	923	878	803	163	913	42	23	0.10	3.16	145
CO12191	CO12159	3.67	4 1-	4ACSR	0	0	770	162	25	3	2	0.02	3.18	0
OC1131000945	CO12191	3.67	3 1-	20 N FUSE	0	0	770	162	19	2	13	0.00	3.18	0
CO12286	OC1131000945	3.73	2 1-	4ACSR	0	0	760	161	12	1	1	0.00	3.19	0
CO12285	CO12286	3.74	1 1-	4ACSR	0	0	757	161	0	0	0	0.00	3.19	0
CO12190	OC1131000945	3.74	1 1-	4ACSR	0	0	758	161	7	0	1	0.00	3.19	0
CO12158	CO12159	3.57	192 3-	2ACSR	914	868	793	163	888	40	23	0.06	3.23	94

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17134	CO12158	4.15	192 3-	2ACSR	831	785	706	159	887	40	23	0.61	3.84	886
CO12555	CO17134	4.33	192 3-	2ACSR	808	763	682	158	883	40	23	0.19	4.03	279
CO12556	CO12555	4.42	192 3-	2ACSR	796	753	670	157	882	40	23	0.10	4.13	138
OC-786214371	CO12556	4.42	190 3-	20 N FUSE	796	753	670	157	871	40	202	0.00	4.13	0
CO12560	OC-786214371	4.45	190 3-	2ACSR	793	750	667	157	871	40	22	0.03	4.15	37
CO12559	CO12560	4.53	189 3-	2ACSR	783	740	657	157	866	40	22	0.08	4.24	121
CO12636	CO12559	4.57	4 1-	6ACWC	0	0	652	156	15	2	2	0.00	4.24	0
OC-1454076942	CO12636	4.57	1 1-	20 N FUSE	0	0	652	156	4	0	2	0.00	4.24	0
CO12544	OC-1454076942	4.63	1 1-	2ACSR	0	0	645	156	4	0	0	0.00	4.24	0
CO12637	OC-1454076942	4.88	0 1-	6ACWC	0	0	610	153	0	0	0	0.00	4.24	0
CO12558	CO12559	4.62	185 3-	2ACSR	772	730	647	156	850	39	22	0.09	4.33	132
CO12522	CO12558	4.70	1 1-	4ACSR	0	0	637	155	6	0	1	0.00	4.33	0
OC-653547389	CO12522	4.70	0 1-	20 N FUSE	0	0	637	155	0	0	0	0.00	4.33	0
CO12557	CO12558	5.15	184 3-	2ACSR	715	677	591	153	843	39	22	0.53	4.86	729
CO12688	CO12557	5.15	103 3-	1/0ACSR	714	677	591	153	486	22	10	0.00	4.86	0
OC353	CO12688	5.15	103 3-	50 H OCR	714	677	591	153	486	22	45	0.00	4.86	0
CO12689	OC353	5.27	103 3-	1/0ACSR	705	668	582	152	486	22	10	0.04	4.90	34
CO12580	CO12689	5.51	103 3-	1/0ACSR	685	649	563	151	486	22	10	0.10	5.00	73
CO12552	CO12580	5.62	1 1-	2ACSR	0	0	554	151	4	0	0	0.00	5.00	0
OC-280530938	CO12552	5.62	0 1-	20 N FUSE	0	0	554	151	0	0	0	0.00	5.00	0
CO12585	CO12580	5.83	99 3-	1/0ACSR	662	627	541	150	467	21	9	0.12	5.12	85
CO12584	CO12585	6.11	98 3-	1/0ACSR	642	608	522	149	463	21	9	0.10	5.22	75
CO12586	CO12584	6.18	98 3-	1/0ACSR	637	603	518	148	462	21	9	0.03	5.25	20
CO12512	CO12586	6.30	96 3-	1/0ACSR	629	596	510	148	451	21	9	0.04	5.29	31
CO12587	CO12512	6.47	95 3-	1/0ACSR	619	586	500	147	439	20	9	0.06	5.35	39
CO12589	CO12587	6.66	95 3-	1/0ACSR	606	574	489	146	439	20	9	0.07	5.42	48
CO12590	CO12589	6.77	95 3-	1/0ACSR	600	568	483	146	439	20	9	0.04	5.45	25
CO12588	CO12590	6.96	95 3-	1/0ACSR	589	558	473	145	439	20	9	0.07	5.52	46
CO17068	CO12588	7.03	93 3-	1/0ACSR	584	554	469	145	426	19	9	0.02	5.55	16
CO17067	CO17068	7.25	22 1-	4ACSR	0	0	453	143	98	13	10	0.14	5.68	22
OC-952471558	CO17067	7.25	22 1-	20 N FUSE	0	0	453	143	98	13	69	0.00	5.68	0
CO17069	OC-952471558	7.28	3 1-	4ACSR	0	0	451	143	7	1	1	0.00	5.68	0
CO13079	CO17069	7.37	1 1-	4ACSR	0	0	444	142	1	0	0	0.00	5.68	0
CO12513	OC-952471558	7.54	19 1-	4ACSR	0	0	432	141	91	12	9	0.17	5.85	26
CO12514	CO12513	7.70	17 1-	4ACSR	0	0	422	140	88	12	9	0.09	5.94	13
CO12591	CO12514	7.75	15 1-	4ACSR	0	0	419	139	84	11	8	0.02	5.96	3
CO12593	CO12591	8.02	13 1-	4ACSR	0	0	402	137	74	10	7	0.13	6.09	16
CO12592	CO12593	8.17	13 1-	4ACSR	0	0	394	136	74	10	7	0.07	6.16	8
CO12531	CO12592	8.27	0 1-	4ACSR	0	0	388	135	0	0	0	0.00	6.16	0
CO12515	CO12592	8.26	11 1-	4ACSR	0	0	389	136	69	9	7	0.04	6.20	5
CO12532	CO12515	8.33	1 1-	4ACSR	0	0	385	135	7	1	1	0.00	6.20	0
CO12516	CO12515	8.33	10 1-	4ACSR	0	0	385	135	62	8	6	0.03	6.22	3
CO12649	CO12516	8.37	5 1-	4ACSR	0	0	383	135	25	3	3	0.00	6.23	0
CO12648	CO12649	8.41	4 1-	4ACSR	0	0	381	134	17	2	2	0.00	6.23	0
CO12650	CO12648	8.47	1 1-	4ACSR	0	0	377	134	6	0	1	0.00	6.23	0
CO12595	CO12516	8.47	5 1-	4ACSR	0	0	377	134	37	5	4	0.03	6.26	0
CO12594	CO12595	8.56	5 1-	4ACSR	0	0	373	133	37	5	4	0.02	6.28	0
CO12599	CO12594	8.62	4 1-	4ACSR	0	0	370	133	32	4	3	0.01	6.28	0
CO12596	CO12599	8.69	2 1-	4ACSR	0	0	366	133	14	1	1	0.01	6.29	0
CO12598	CO12596	8.91	2 1-	4ACSR	0	0	355	131	14	1	1	0.02	6.31	0
CO12597	CO12598	9.01	2 1-	4ACSR	0	0	351	130	14	1	1	0.01	6.32	0
CO17075	CO12597	9.21	2 1-	4ACSR	0	0	342	129	14	1	1	0.01	6.33	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12533	CO12594	8.77	0 1-	4ACSR	0	0	362	132	0	0	0	0.00	6.28	0
CO17074	CO12514	7.81	2 1-	4ACSR	0	0	415	139	4	0	0	0.00	5.94	0
CO13080	CO17074	7.97	2 1-	4ACSR	0	0	406	138	4	0	0	0.00	5.94	0
CO12954	CO13080	8.10	1 1-	4ACSR	0	0	398	137	3	0	0	0.00	5.95	0
CO17073	CO12513	7.63	2 1-	4ACSR	0	0	427	140	3	0	0	0.00	5.85	0
CO17066	CO17068	7.23	23 1-	4ACSR	0	0	454	143	114	15	11	0.14	5.69	26
OC-2102486065	CO17066	7.23	1 1-	20 N FUSE	0	0	454	143	0	0	0	0.00	5.69	0
CO12551	OC-2102486065	7.29	1 1-	2ACSR	0	0	451	143	0	0	0	0.00	5.69	0
RG1260263416	CO17066	7.23	21 1-		0	0	454	143	107	15	15	-5.69	0.00	0
CO12600	RG1260263416	7.33	21 1-	4ACSR	0	0	447	142	107	14	10	0.07	0.07	11
CO12603	CO12600	7.41	21 1-	4ACSR	0	0	442	142	107	14	10	0.05	0.11	8
CO12602	CO12603	7.43	20 1-	4ACSR	0	0	440	142	101	13	10	0.01	0.13	0
CO12601	CO12602	7.52	20 1-	4ACSR	0	0	434	141	101	13	10	0.05	0.18	9
CO12668	CO12601	7.71	12 1-	4ACSR	0	0	421	140	60	8	6	0.07	0.25	7
OC-762001619	CO12668	7.71	12 1-	20 N FUSE	0	0	421	140	60	8	41	0.00	0.25	0
CO12670	OC-762001619	7.84	12 1-	4ACSR	0	0	413	139	60	8	6	0.04	0.30	4
CO12669	CO12670	7.95	11 1-	4ACSR	0	0	407	138	56	7	5	0.04	0.33	3
CO12550	CO12669	8.01	2 1-	2ACSR	0	0	404	137	9	1	1	0.00	0.33	0
CO-1996308526	CO12550	8.05	1 1-	2ACSR	0	0	402	137	0	0	0	0.00	0.33	0
CO12671	CO12669	8.14	9 1-	4ACSR	0	0	396	136	47	6	5	0.05	0.38	4
OC1942811558	CO12671	8.14	8 1-	20 N FUSE	0	0	396	136	40	5	27	0.00	0.38	0
CO12673	OC1942811558	8.34	8 1-	4ACSR	0	0	384	135	40	5	4	0.05	0.43	3
CO12672	CO12673	8.50	8 1-	4ACSR	0	0	376	134	40	5	4	0.04	0.47	3
CO12606	CO12672	8.59	5 1-	4ACSR	0	0	371	133	35	4	3	0.02	0.49	0
CO12605	CO12606	8.70	5 1-	4ACSR	0	0	366	132	35	4	3	0.02	0.51	0
CO12652	CO12605	8.81	2 1-	4ACSR	0	0	360	132	13	1	1	0.01	0.52	0
CO12651	CO12652	8.85	1 1-	4ACSR	0	0	358	131	10	1	1	0.00	0.52	0
CO12607	CO12605	8.88	3 1-	4ACSR	0	0	357	131	21	2	2	0.02	0.54	0
CO12609	CO12607	9.00	3 1-	4ACSR	0	0	351	130	21	2	2	0.02	0.55	0
CO12608	CO12609	9.08	3 1-	4ACSR	0	0	347	130	21	2	2	0.01	0.56	0
CO12674	CO12608	9.32	2 1-	4ACSR	0	0	337	128	19	2	2	0.03	0.59	0
CO12610	CO12674	9.38	2 1-	4ACSR	0	0	334	128	19	2	2	0.01	0.60	0
CO12656	CO12610	9.48	2 1-	4ACSR	0	0	330	127	19	2	2	0.01	0.60	0
CO12677	CO12656	9.59	1 1-	4ACSR	0	0	326	127	7	0	1	0.00	0.61	0
CO12653	CO12608	9.10	1 1-	4ACSR	0	0	347	130	3	0	0	0.00	0.56	0
CO12676	CO12653	9.13	0 1-	4ACSR	0	0	345	130	0	0	0	0.00	0.56	0
CO12675	CO12672	8.75	3 1-	4ACSR	0	0	363	132	5	0	1	0.01	0.48	0
CO12611	CO12675	8.82	1 1-	4ACSR	0	0	360	132	3	0	0	0.00	0.48	0
CO12534	CO12611	8.94	1 1-	4ACSR	0	0	354	131	3	0	0	0.00	0.48	0
CO12613	CO12611	9.05	0 1-	4ACSR	0	0	349	130	0	0	0	0.00	0.48	0
CO12612	CO12613	9.59	0 1-	4ACSR	0	0	326	127	0	0	0	0.00	0.48	0
CO12604	CO12601	7.63	8 1-	4ACSR	0	0	426	140	40	5	4	0.03	0.21	0
CO389472522	CO12604	7.66	7 1-	2ACSR	0	0	425	140	33	4	2	0.00	0.21	0
CO1891483247	CO389472522	7.69	0 1-	2ACSR	0	0	423	140	0	0	0	0.00	0.21	0
CO1233779298	CO389472522	7.71	7 1-	2ACSR	0	0	422	140	33	4	2	0.01	0.22	0
CO13146	CO1233779298	7.79	7 1-	4ACSR	0	0	417	139	33	4	3	0.02	0.23	0
CO13062	CO13146	8.01	7 1-	4ACSR	0	0	404	137	33	4	3	0.04	0.27	0
CO12942	CO13062	8.18	3 1-	4ACSR	0	0	394	136	25	3	2	0.03	0.30	0
CO12975	CO12942	8.23	1 1-	4ACSR	0	0	391	136	12	1	1	0.00	0.30	0
CO13089	CO12942	8.27	2 1-	4ACSR	0	0	389	136	13	1	1	0.00	0.30	0
CO13090	CO13089	8.36	1 1-	4ACSR	0	0	384	135	1	0	0	0.00	0.30	0
CO12976	CO13062	8.09	3 1-	4ACSR	0	0	399	137	4	0	0	0.00	0.27	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17065	CO17068	7.11	2 1-	4ACSR	0	0	463	144	10	1	1	0.00	5.55	0
OC-2087731482	CO17065	7.11	1 1-	20 N FUSE	0	0	463	144	3	0	2	0.00	5.55	0
CO12646	OC-2087731482	7.20	1 1-	4ACSR	0	0	457	144	3	0	0	0.00	5.55	0
CO12647	CO12646	7.35	1 1-	4ACSR	0	0	446	142	3	0	0	0.00	5.55	0
CO13061	CO17068	7.08	46 3-	1/0ACSR	582	551	467	145	204	9	4	0.01	5.55	2
CO13060	CO13061	7.14	44 3-	1/0ACSR	578	548	464	144	190	8	4	0.01	5.56	3
CO12974	CO13060	7.17	2 1-	4ACSR	0	0	461	144	8	1	1	0.00	5.56	0
CO13018	CO13060	7.21	42 3-	1/0ACSR	574	544	460	144	182	8	4	0.01	5.57	3
CO13019	CO13018	7.26	41 3-	1/0ACSR	572	542	458	144	178	8	4	0.01	5.58	0
CO13139	CO13019	7.27	14 1-	4ACSR	0	0	457	144	51	7	5	0.00	5.58	0
OC367	CO13139	7.27	14 1-	10 N FUSE	0	0	457	144	51	7	71	0.00	5.58	0
CO13140	OC367	7.32	14 1-	4ACSR	0	0	454	143	51	7	5	0.01	5.60	0
CO13017	CO13140	7.38	13 1-	4ACSR	0	0	450	143	41	5	4	0.01	5.61	0
CO12956	CO13017	7.48	2 1-	4ACSR	0	0	442	142	7	0	1	0.00	5.61	0
CO12935	CO13017	7.48	9 1-	4ACSR	0	0	442	142	32	4	3	0.02	5.63	0
CO12936	CO12935	7.61	6 1-	4ACSR	0	0	433	141	24	3	2	0.02	5.65	0
CO13132	CO12936	7.81	2 1-	4ACSR	0	0	420	140	9	1	1	0.01	5.66	0
CO13131	CO13132	7.98	2 1-	4ACSR	0	0	410	138	9	1	1	0.01	5.67	0
CO13133	CO13131	8.16	2 1-	4ACSR	0	0	399	137	9	1	1	0.01	5.68	0
CO13134	CO13133	8.40	1 1-	4ACSR	0	0	385	135	3	0	0	0.00	5.68	0
CO13119	CO12936	7.70	4 1-	4ACSR	0	0	427	140	15	2	1	0.01	5.66	0
CO13120	CO13119	7.74	1 1-	4ACSR	0	0	425	140	9	1	1	0.00	5.66	0
CO13020	CO13120	7.77	1 1-	4ACSR	0	0	423	140	9	1	1	0.00	5.66	0
CO13081	CO12935	7.54	2 1-	4ACSR	0	0	438	142	4	0	0	0.00	5.63	0
CO13082	CO13081	7.63	1 1-	4ACSR	0	0	432	141	4	0	0	0.00	5.63	0
CO13015	CO13019	7.29	26 1-	4ACSR	0	0	456	144	121	16	12	0.02	5.60	4
OC-1613202408	CO13015	7.29	25 1-	20 N FUSE	0	0	456	144	112	15	79	0.00	5.60	0
CO13016	OC-1613202408	7.31	25 1-	4ACSR	0	0	454	143	112	15	11	0.01	5.62	3
CO13118	CO13016	7.33	23 1-	4ACSR	0	0	453	143	108	15	11	0.01	5.62	0
CO13117	CO13118	7.38	23 1-	4ACSR	0	0	450	143	108	15	11	0.03	5.66	6
CO13116	CO13117	7.40	21 1-	4ACSR	0	0	447	143	99	13	10	0.02	5.68	3
CO13115	CO13116	7.46	21 1-	4ACSR	0	0	443	142	99	13	10	0.04	5.71	6
CO13013	CO13115	7.55	17 1-	4ACSR	0	0	437	142	72	10	7	0.04	5.75	5
CO13014	CO13013	7.65	17 1-	4ACSR	0	0	431	141	72	10	7	0.04	5.80	5
CO12960	CO13014	7.69	1 1-	4ACSR	0	0	428	141	5	0	1	0.00	5.80	0
CO13053	CO13014	7.92	16 1-	4ACSR	0	0	413	139	67	9	7	0.12	5.91	13
CO13054	CO13053	8.09	16 1-	2ACSR	0	0	405	138	67	9	5	0.05	5.96	5
CO-294656787	CO13054	8.18	1 1-	2ACSR	0	0	401	137	0	0	0	0.00	5.96	0
CO1731411902	CO13054	8.27	15 1-	2ACSR	0	0	397	137	67	9	5	0.05	6.01	6
CO12933	CO1731411902	8.46	14 1-	4ACSR	0	0	386	136	65	9	7	0.08	6.09	9
CO13109	CO12933	8.64	8 1-	4ACSR	0	0	376	134	29	4	3	0.03	6.12	0
CO13107	CO13109	8.80	3 1-	2ACSR	0	0	370	134	0	0	0	0.00	6.12	0
CO-1704988279	CO13107	8.82	0 1-	2ACSR	0	0	369	133	0	0	0	0.00	6.12	0
CO1167701816	CO-1704988279	8.85	0 1-	2ACSR	0	0	368	133	0	0	0	0.00	6.12	0
CO-648436079	CO13107	8.83	2 1-	2ACSR	0	0	369	133	0	0	0	0.00	6.12	0
CO1539917502	CO-648436079	8.86	2 1-	2ACSR	0	0	368	133	0	0	0	0.00	6.12	0
CO-1944702631	CO-648436079	8.89	0 1-	2ACSR	0	0	366	133	0	0	0	0.00	6.12	0
CO301998963	CO13107	8.84	1 1-	2ACSR	0	0	368	133	0	0	0	0.00	6.12	0
CO13110	CO13109	8.87	4 1-	4ACSR	0	0	365	133	21	2	2	0.02	6.15	0
CO12999	CO13110	9.16	2 1-	4ACSR	0	0	351	131	13	1	1	0.03	6.17	0
CO12937	CO12999	9.27	2 1-	4ACSR	0	0	346	130	13	1	1	0.01	6.18	0
CO12964	CO12937	9.36	1 1-	4ACSR	0	0	342	129	0	0	0	0.00	6.18	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12963	CO12937	9.34	1 1-	4ACSR	0	0	343	130	13	1	1	0.00	6.19	0
CO12962	CO12999	9.50	0 1-	4ACSR	0	0	336	129	0	0	0	0.00	6.17	0
CO12934	CO12933	8.79	5 1-	4ACSR	0	0	369	133	25	3	3	0.05	6.15	2
CO12966	CO12934	8.93	1 1-	4ACSR	0	0	362	132	4	0	0	0.00	6.15	0
CO13056	CO12934	8.81	2 1-	4ACSR	0	0	368	133	3	0	0	0.00	6.15	0
CO13055	CO13056	9.16	2 1-	4ACSR	0	0	351	131	3	0	0	0.00	6.15	0
CO17256	CO13055	9.44	1 1-	4ACSR	0	0	339	129	0	0	0	0.00	6.15	0
CO15097	CO17256	9.53	0 1-	4ACSR	0	0	335	128	0	0	0	0.00	6.15	0
CO13010	CO12934	8.88	2 1-	4ACSR	0	0	364	133	18	2	2	0.01	6.15	0
CO1230961170	CO13010	8.92	1 1-	2ACSR	0	0	363	132	4	0	0	0.00	6.15	0
CO-1277480587	CO1230961170	8.94	0 1-	2ACSR	0	0	362	132	0	0	0	0.00	6.15	0
CO-476803983	CO1230961170	8.95	1 1-	2ACSR	0	0	362	132	4	0	0	0.00	6.15	0
CO13012	CO-476803983	8.98	1 1-	4ACSR	0	0	360	132	4	0	0	0.00	6.15	0
CO13083	CO13012	9.02	0 1-	4ACSR	0	0	358	132	0	0	0	0.00	6.15	0
CO13084	CO13083	9.14	0 1-	4ACSR	0	0	353	131	0	0	0	0.00	6.15	0
CO12967	CO13012	9.05	1 1-	4ACSR	0	0	357	132	4	0	0	0.00	6.16	0
CO12965	CO12933	8.58	1 1-	4ACSR	0	0	380	135	11	1	1	0.00	6.10	0
CO12961	CO1731411902	8.40	1 1-	4ACSR	0	0	389	136	2	0	0	0.00	6.02	0
CO12957	CO13115	7.58	3 1-	4ACSR	0	0	435	141	25	3	3	0.01	5.73	0
CO12959	CO12957	7.64	1 1-	4ACSR	0	0	431	141	2	0	0	0.00	5.73	0
CO12958	CO12957	7.64	1 1-	4ACSR	0	0	431	141	9	1	1	0.00	5.73	0
CO12530	CO12586	6.26	2 1-	4ACSR	0	0	510	148	11	1	1	0.00	5.25	0
OC-757049892	CO12530	6.26	0 1-	20 N FUSE	0	0	510	148	0	0	0	0.00	5.25	0
CO12582	CO12580	5.55	3 1-	4ACSR	0	0	559	151	14	1	1	0.00	5.00	0
OC1573540888	CO12582	5.55	2 1-	20 N FUSE	0	0	559	151	13	1	9	0.00	5.00	0
CO12581	OC1573540888	5.62	2 1-	4ACSR	0	0	552	150	13	1	1	0.01	5.01	0
CO12583	CO12581	5.94	1 1-	4ACSR	0	0	519	148	12	1	1	0.01	5.02	0
CO12510	CO12557	5.27	81 3-	2ACSR	703	666	580	152	354	16	9	0.05	4.91	30
CO12511	CO12510	5.44	81 3-	2ACSR	686	651	564	151	354	16	9	0.07	4.98	42
CO12643	CO12511	5.49	5 1-	4ACSR	0	0	558	150	22	3	2	0.01	4.99	0
OC-1179359716	CO12643	5.49	4 1-	20 N FUSE	0	0	558	150	16	2	11	0.00	4.99	0
CO12645	OC-1179359716	5.56	4 1-	4ACSR	0	0	550	150	16	2	2	0.01	4.99	0
CO12644	CO12645	5.64	2 1-	4ACSR	0	0	543	149	15	2	2	0.00	5.00	0
CO12517	CO12511	5.51	75 3-	2ACSR	679	644	558	151	329	15	9	0.03	5.01	16
CO-830036226	CO12517	5.54	2 1-	2ACSR	0	0	555	150	15	2	1	0.00	5.01	0
OC-142616561	CO-830036226	5.54	0 1-	20 N FUSE	0	0	555	150	0	0	0	0.00	5.01	0
CO12523	CO12517	5.58	0 1-	4ACSR	0	0	550	150	0	0	0	0.00	5.01	0
OC-1789565953	CO12523	5.58	0 1-	20 N FUSE	0	0	550	150	0	0	0	0.00	5.01	0
CO12684	CO12517	5.52	73 3-	2ACSR	678	644	557	150	314	14	8	0.00	5.01	0
OC356	CO12684	5.52	73 3-	70 L OCR	678	644	557	150	314	14	21	0.00	5.01	0
CO12685	OC356	5.67	73 3-	2ACSR	664	631	544	150	314	14	8	0.06	5.07	29
CO12565	CO12685	5.77	72 3-	2ACSR	655	622	536	149	310	14	8	0.04	5.11	19
CO12564	CO12565	5.88	72 3-	2ACSR	645	613	527	148	310	14	8	0.04	5.15	21
CO12524	CO12564	5.93	1 1-	4ACSR	0	0	522	148	0	0	0	0.00	5.15	0
OC-1255196449	CO12524	5.93	0 1-	20 N FUSE	0	0	522	148	0	0	0	0.00	5.15	0
CO12567	CO12564	5.92	70 3-	2ACSR	642	610	524	148	298	13	8	0.01	5.16	7
CO12566	CO12567	6.02	69 3-	2ACSR	634	603	517	148	295	13	8	0.03	5.19	16
OC-1164588784	CO12566	6.02	66 3-	20 N FUSE	634	603	517	148	279	13	65	0.00	5.19	0
CO12571	OC-1164588784	6.11	66 3-	2ACSR	626	595	509	147	279	13	7	0.03	5.23	15
CO12568	CO12571	6.23	66 3-	2ACSR	616	586	500	146	279	13	7	0.04	5.27	18
CO12570	CO12568	6.40	65 3-	2ACSR	603	574	489	145	272	12	7	0.06	5.32	25
CO12569	CO12570	6.49	65 3-	2ACSR	597	568	483	145	272	12	7	0.03	5.35	12

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL12686	COL12569	6.49	4 1-	4ACSR	0	0	483	145	25	3	2	0.00	5.35	0
OC351	COL12686	6.49	4 1-	10 N FUSE	0	0	483	145	25	3	34	0.00	5.35	0
COL12687	OC351	6.56	4 1-	4ACSR	0	0	477	144	25	3	2	0.01	5.36	0
COL12543	COL12687	6.60	1 1-	2ACSR	0	0	475	144	7	0	1	0.00	5.36	0
COL12542	COL12687	6.59	1 1-	2ACSR	0	0	475	144	0	0	0	0.00	5.36	0
COL12579	COL12687	6.59	2 1-	4ACSR	0	0	475	144	18	2	2	0.00	5.36	0
COL12578	COL12579	6.87	2 1-	4ACSR	0	0	453	142	18	2	2	0.03	5.40	0
COL12549	COL12578	6.93	1 1-	2ACSR	0	0	450	142	1	0	0	0.00	5.40	0
COL12577	COL12578	6.98	1 1-	4ACSR	0	0	445	141	17	2	2	0.01	5.40	0
COL12527	COL12569	6.56	1 1-	4ACSR	0	0	477	144	0	0	0	0.00	5.35	0
OC946580761	COL12527	6.56	0 1-	20 N FUSE	0	0	477	144	0	0	0	0.00	5.35	0
COL12573	COL12569	6.64	60 3-	2ACSR	586	558	473	144	247	11	6	0.04	5.39	18
COL12572	COL12573	6.77	60 3-	2ACSR	576	549	465	143	247	11	6	0.04	5.43	16
COL12528	COL12572	6.93	1 1-	4ACSR	0	0	453	142	0	0	0	0.00	5.43	0
OC1231073616	COL12528	6.93	0 1-	20 N FUSE	0	0	453	142	0	0	0	0.00	5.43	0
COL12574	COL12572	6.85	59 3-	2ACSR	571	544	460	143	247	11	6	0.02	5.46	10
COL12576	COL12574	6.89	59 3-	2ACSR	568	541	458	143	247	11	6	0.01	5.47	5
COL12575	COL12576	6.94	59 3-	2ACSR	565	539	455	142	247	11	6	0.01	5.48	5
COL17072	COL12575	7.13	57 3-	2ACSR	552	527	444	141	241	11	6	0.06	5.54	22
COL12883	COL17072	7.21	0 1-	4ACSR	0	0	438	141	0	0	0	0.00	5.54	0
OC231723694	COL12883	7.21	0 1-	20 N FUSE	0	0	438	141	0	0	0	0.00	5.54	0
COL12882	OC231723694	7.23	0 1-	4ACSR	0	0	437	141	0	0	0	0.00	5.54	0
COL12782	COL17072	7.40	54 3-	2ACSR	535	511	429	140	221	10	6	0.07	5.61	26
COL12781	COL12782	7.70	54 3-	2ACSR	517	494	413	138	221	10	6	0.08	5.69	30
COL12698	COL12781	7.86	44 1-	4ACSR	0	0	404	137	161	22	16	0.16	5.85	42
COL12913	COL12698	7.86	42 1-	4ACSR	0	0	404	137	151	21	15	0.01	5.85	0
OC358	COL12913	7.86	42 1-	35 H OCR	0	0	404	137	151	21	61	0.00	5.85	0
COL12914	OC358	7.92	42 1-	4ACSR	0	0	400	137	151	21	15	0.06	5.91	14
COL12720	COL12914	8.00	1 1-	4ACSR	0	0	396	136	0	0	0	0.00	5.91	0
COL12786	COL12914	8.00	41 1-	4ACSR	0	0	396	136	151	21	15	0.07	5.98	19
COL12783	COL12786	8.07	41 1-	4ACSR	0	0	391	136	151	21	15	0.07	6.05	17
COL12785	COL12783	8.14	40 1-	4ACSR	0	0	387	135	141	19	14	0.07	6.12	16
COL12784	COL12785	8.29	40 1-	4ACSR	0	0	379	134	141	19	14	0.13	6.25	32
COL12699	COL12784	8.43	38 1-	4ACSR	0	0	372	133	131	18	13	0.11	6.36	24
COL12736	COL12699	8.46	1 1-	4ACSR	0	0	371	133	0	0	0	0.00	6.36	0
COL12778	COL12699	8.48	12 1-	4ACSR	0	0	369	133	29	4	3	0.01	6.37	0
COL12739	COL12778	8.59	0 1-	2ACSR	0	0	365	132	0	0	0	0.00	6.37	0
COL12779	COL12778	8.55	12 1-	4ACSR	0	0	366	132	29	4	3	0.01	6.38	0
COL12780	COL12779	8.74	12 1-	4ACSR	0	0	357	131	29	4	3	0.03	6.42	0
COL17148	COL12780	8.83	11 1-	4ACSR	0	0	353	130	25	3	3	0.01	6.43	0
COL12410	COL17148	8.96	11 1-	4ACSR	0	0	347	130	25	3	3	0.02	6.45	0
COL12409	COL12410	9.10	10 1-	4ACSR	0	0	341	129	23	3	2	0.02	6.47	0
COL12346	COL12409	9.17	1 1-	4ACSR	0	0	338	128	3	0	0	0.00	6.47	0
COL12408	COL12409	9.53	9 1-	4ACSR	0	0	322	126	21	2	2	0.06	6.53	0
COL17137	COL12408	9.73	9 1-	4ACSR	0	0	315	125	21	2	2	0.03	6.55	0
COL12207	COL17137	9.86	8 1-	4ACSR	0	0	310	124	20	2	2	0.02	6.57	0
COL12297	COL12207	9.92	5 1-	4ACSR	0	0	308	124	13	1	1	0.00	6.58	0
COL12298	COL12297	10.20	5 1-	4ACSR	0	0	298	122	13	1	1	0.02	6.60	0
COL12145	COL12298	10.44	4 1-	4ACSR	0	0	290	121	12	1	1	0.02	6.62	0
COL12175	COL12145	10.53	1 1-	4ACSR	0	0	287	120	1	0	0	0.00	6.62	0
COL12219	COL12145	10.54	3 1-	4ACSR	0	0	287	120	11	1	1	0.01	6.62	0
COL12315	COL12219	10.64	3 1-	4ACSR	0	0	284	119	11	1	1	0.01	6.63	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12314	CO12315	10.65	2 1-	4ACSR	0	0	284	119	10	1	1	0.00	6.63	0
CO12144	CO12314	10.85	2 1-	4ACSR	0	0	278	118	10	1	1	0.01	6.64	0
CO12271	CO12144	10.90	1 1-	4ACSR	0	0	276	118	1	0	0	0.00	6.64	0
CO12268	CO12271	10.93	1 1-	4ACSR	0	0	275	118	1	0	0	0.00	6.65	0
CO12270	CO12268	10.94	1 1-	4ACSR	0	0	275	118	1	0	0	0.00	6.65	0
CO12269	CO12270	10.97	0 1-	4ACSR	0	0	274	118	0	0	0	0.00	6.65	0
CO12218	CO12144	11.20	1 1-	4ACSR	0	0	267	116	10	1	1	0.02	6.67	0
CO12217	CO12218	11.41	1 1-	4ACSR	0	0	262	115	10	1	1	0.01	6.68	0
CO12273	CO12217	11.55	1 1-	4ACSR	0	0	258	115	10	1	1	0.01	6.69	0
CO12272	CO12273	11.78	1 1-	4ACSR	0	0	252	113	10	1	1	0.01	6.70	0
CO12174	CO12217	11.59	0 1-	4ACSR	0	0	257	114	0	0	0	0.00	6.68	0
CO12173	CO12217	11.48	0 1-	4ACSR	0	0	260	115	0	0	0	0.00	6.68	0
CO12275	CO12298	10.38	1 1-	4ACSR	0	0	292	121	1	0	0	0.00	6.60	0
CO12274	CO12275	10.53	1 1-	4ACSR	0	0	287	120	1	0	0	0.00	6.60	0
CO12296	CO12207	9.91	3 1-	2ACSR	0	0	309	124	7	0	1	0.00	6.57	0
CO12293	CO12296	9.95	3 1-	2ACSR	0	0	307	124	7	0	1	0.00	6.57	0
CO12295	CO12293	10.03	3 1-	2ACSR	0	0	305	123	7	0	1	0.00	6.58	0
CO12294	CO12295	10.10	2 1-	2ACSR	0	0	303	123	3	0	0	0.00	6.58	0
CO12176	CO17137	9.92	1 1-	4ACSR	0	0	308	124	1	0	0	0.00	6.56	0
CO12911	CO12699	8.43	25 1-	4ACSR	0	0	372	133	102	14	10	0.00	6.37	0
OC357	CO12911	8.43	25 1-	15 H OCR	0	0	372	133	102	14	96	0.00	6.37	0
CO12912	OC357	8.62	25 1-	4ACSR	0	0	363	132	102	14	10	0.12	6.48	20
CO12787	CO12912	8.64	23 1-	4ACSR	0	0	361	132	99	14	10	0.02	6.50	3
CO1852699732	CO12787	8.73	22 1-	2ACSR	0	0	358	131	89	12	7	0.03	6.53	5
CO1632010690	CO1852699732	8.77	1 1-	2ACSR	0	0	357	131	6	0	0	0.00	6.53	0
CO-59308175	CO1852699732	8.82	21 1-	2ACSR	0	0	355	131	83	11	7	0.03	6.57	4
CO12492	CO-59308175	8.83	21 1-	4ACSR	0	0	355	131	83	11	8	0.00	6.57	0
CO12388	CO12492	8.85	21 1-	4ACSR	0	0	354	131	83	11	8	0.01	6.58	0
CO12322	CO12388	9.07	20 1-	4ACSR	0	0	343	129	76	10	8	0.11	6.69	14
CO12413	CO12322	9.10	18 1-	4ACSR	0	0	342	129	74	10	7	0.01	6.70	0
CO12412	CO12413	9.18	18 1-	4ACSR	0	0	339	128	74	10	7	0.04	6.74	5
CO12349	CO12412	9.24	1 1-	4ACSR	0	0	336	128	1	0	0	0.00	6.74	0
CO12389	CO12412	9.24	17 1-	4ACSR	0	0	336	128	72	10	7	0.03	6.77	4
CO12493	CO12389	9.50	16 1-	4ACSR	0	0	325	126	68	9	7	0.10	6.87	11
CO12494	CO12493	9.58	14 1-	4ACSR	0	0	322	126	58	8	6	0.03	6.90	3
CO12323	CO12494	9.75	14 1-	4ACSR	0	0	316	125	58	8	6	0.07	6.97	6
CO12333	CO12323	9.80	9 1-	4ACSR	0	0	314	125	41	5	4	0.01	6.98	0
CO12362	CO12333	9.84	1 1-	4ACSR	0	0	312	124	5	0	0	0.00	6.98	0
CO12361	CO12333	9.89	1 1-	4ACSR	0	0	310	124	0	0	0	0.00	6.98	0
CO12332	CO12333	9.96	7 1-	4ACSR	0	0	308	124	36	5	4	0.04	7.02	2
CO12452	CO12332	10.01	0 1-	4ACSR	0	0	306	123	0	0	0	0.00	7.02	0
CO12453	CO12452	10.16	0 1-	4ACSR	0	0	301	122	0	0	0	0.00	7.02	0
CO12416	CO12332	10.04	7 1-	4ACSR	0	0	305	123	36	5	4	0.02	7.03	0
CO-1608617526	CO12416	10.15	6 1-	2ACSR	0	0	302	123	33	4	3	0.02	7.05	0
CO1982593815	CO-1608617526	10.20	5 1-	2ACSR	0	0	301	122	23	3	2	0.00	7.05	0
CO12415	CO1982593815	10.27	5 1-	4ACSR	0	0	298	122	23	3	2	0.01	7.06	0
CO12417	CO12415	10.37	4 1-	4ACSR	0	0	295	122	13	1	1	0.01	7.07	0
CO12419	CO12417	10.48	4 1-	4ACSR	0	0	292	121	13	1	1	0.01	7.08	0
CO12418	CO12419	10.58	3 1-	4ACSR	0	0	288	120	4	0	0	0.00	7.08	0
CO12351	CO12415	10.30	1 1-	4ACSR	0	0	297	122	9	1	1	0.00	7.07	0
CO903706296	CO-1608617526	10.24	1 1-	2ACSR	0	0	300	122	11	1	1	0.00	7.05	0
CO885278505	CO903706296	10.33	1 1-	2ACSR	0	0	297	122	11	1	1	0.00	7.06	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12387	CO12323	9.96	5 1-	4ACSR	0	0	308	124	17	2	2	0.02	6.99	0
CO12491	CO12387	10.14	4 1-	4ACSR	0	0	302	123	15	2	1	0.02	7.00	0
CO12489	CO12491	10.21	4 1-	4ACSR	0	0	299	122	15	2	1	0.00	7.01	0
CO12490	CO12489	10.64	2 1-	4ACSR	0	0	285	120	4	0	0	0.01	7.01	0
CO1449674717	CO12490	10.67	1 1-	2ACSR	0	0	284	120	0	0	0	0.00	7.01	0
CO12350	CO12494	9.60	0 1-	4ACSR	0	0	321	126	0	0	0	0.00	6.90	0
CO12348	CO12322	9.16	2 1-	4ACSR	0	0	339	129	2	0	0	0.00	6.69	0
CO12347	CO12388	8.94	1 1-	4ACSR	0	0	349	130	7	0	1	0.00	6.58	0
CO12889	CO12784	8.35	2 1-	4ACSR	0	0	376	134	10	1	1	0.00	6.25	0
CO12888	CO12889	8.43	1 1-	4ACSR	0	0	372	133	3	0	0	0.00	6.25	0
CO12887	CO12698	7.91	2 1-	4ACSR	0	0	401	137	10	1	1	0.00	5.85	0
CO12886	CO12887	7.94	1 1-	4ACSR	0	0	399	137	7	0	1	0.00	5.85	0
CO12789	CO12781	7.75	8 3-	2ACSR	514	492	411	138	49	2	1	0.00	5.69	0
CO12788	CO12789	8.14	7 3-	2ACSR	493	472	393	136	41	1	1	0.02	5.71	0
CO12735	CO12788	8.18	1 1-	4ACSR	0	0	391	136	4	0	0	0.00	5.71	0
CO12930	CO12788	8.26	2 3-	2ACSR	487	466	388	135	14	0	0	0.00	5.71	0
CO12932	CO12930	8.27	0 3-	750 MCM - 42 Wi	487	466	387	135	0	0	0	0.00	5.71	0
#SW944-A	CO12932	8.27	0 3-	Open	487	466	387	135	0	0	0	0.00	5.71	0
CO12734	CO12930	8.27	2 1-	4ACSR	0	0	387	135	14	1	1	0.00	5.71	0
CO12906	CO12788	8.18	2 1-	4ACSR	0	0	391	136	13	1	1	0.00	5.71	0
CO12905	CO12906	8.19	2 1-	4ACSR	0	0	390	136	13	1	1	0.00	5.71	0
CO12885	CO12781	7.81	2 1-	4ACSR	0	0	407	138	10	1	1	0.00	5.70	0
CO12884	CO12885	7.87	1 1-	4ACSR	0	0	403	137	5	0	1	0.00	5.70	0
CO12915	CO17072	7.14	2 1-	6ACWC	0	0	443	141	9	1	1	0.00	5.54	0
OC359	CO12915	7.14	2 1-	10 N FUSE	0	0	443	141	9	1	13	0.00	5.54	0
CO12916	OC359	7.33	2 1-	6ACWC	0	0	430	140	9	1	1	0.01	5.55	0
CO12704	CO12916	7.38	1 1-	6ACWC	0	0	426	139	0	0	0	0.00	5.55	0
CO12908	CO12704	7.58	0 1-	6ACWC	0	0	414	138	0	0	0	0.00	5.55	0
CO12907	CO12908	7.71	0 1-	6ACWC	0	0	406	137	0	0	0	0.00	5.55	0
CO12719	CO12704	7.58	1 1-	6ACWC	0	0	414	138	0	0	0	0.00	5.55	0
CO12737	CO12916	7.71	1 1-	6ACWC	0	0	406	137	9	1	1	0.01	5.56	0
CO12746	CO12916	7.41	0 1-	2ACSR	0	0	426	139	0	0	0	0.00	5.55	0
CO12529	CO12575	6.97	1 1-	4ACSR	0	0	452	142	0	0	0	0.00	5.48	0
OC1012291314	CO12529	6.97	0 1-	20 N FUSE	0	0	452	142	0	0	0	0.00	5.48	0
CO12526	CO12566	6.14	1 1-	4ACSR	0	0	505	146	7	1	1	0.00	5.20	0
OC-962972047	CO12526	6.14	0 1-	20 N FUSE	0	0	505	146	0	0	0	0.00	5.20	0
CO12525	CO12566	6.08	1 1-	4ACSR	0	0	511	147	0	0	0	0.00	5.19	0
OC564561736	CO12525	6.08	0 1-	20 N FUSE	0	0	511	147	0	0	0	0.00	5.19	0
CO12562	CO12556	4.52	1 1-	4ACSR	0	0	657	156	1	0	0	0.00	4.13	0
OC-910586664	CO12562	4.52	0 1-	20 N FUSE	0	0	657	156	0	0	0	0.00	4.13	0
CO12561	OC-910586664	4.54	0 1-	4ACSR	0	0	653	156	0	0	0	0.00	4.13	0
CO12563	CO12561	4.75	0 1-	4ACSR	0	0	624	154	0	0	0	0.00	4.13	0
CO12155	CO12158	3.64	0 1-	6ACWC	0	0	779	162	0	0	0	0.00	3.23	0
CO12312	CO12155	3.64	0 1-	6ACWC	0	0	778	162	0	0	0	0.00	3.23	0
SW344-B	CO12312	3.64	0 1-	Closed	0	0	778	162	0	0	0	0.00	3.23	0
SW344-A	SW344-B	3.64	0 1-	Closed	0	0	778	162	0	0	0	0.00	3.23	0
CO12313	SW344-A	3.80	0 1-	6ACWC	0	0	748	161	0	0	0	0.00	3.23	0
CO12303	CO12313	3.94	0 1-	6ACWC	0	0	724	159	0	0	0	0.00	3.23	0
CO12222	CO12303	4.02	0 1-	6ACWC	0	0	711	159	0	0	0	0.00	3.23	0
CO12307	CO12222	4.16	0 1-	4ACSR	0	0	688	157	0	0	0	0.00	3.23	0
CO12224	CO12222	4.14	0 1-	6ACWC	0	0	691	158	0	0	0	0.00	3.23	0
CO12223	CO12224	4.23	0 1-	6ACWC	0	0	677	157	0	0	0	0.00	3.23	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12306	CO12223	4.56	0 1-	6ACWC	0	0	629	154	0	0	0	0.00	3.23	0
CO12304	CO12306	4.71	0 1-	6ACWC	0	0	610	152	0	0	0	0.00	3.23	0
CO12226	CO12304	4.90	0 1-	6ACWC	0	0	586	151	0	0	0	0.00	3.23	0
CO12228	CO12226	5.06	0 1-	6ACWC	0	0	567	149	0	0	0	0.00	3.23	0
CO12227	CO12228	5.13	0 1-	6ACWC	0	0	559	149	0	0	0	0.00	3.23	0
CO12225	CO12304	4.75	0 1-	6ACWC	0	0	604	152	0	0	0	0.00	3.23	0
CO12305	CO12225	5.08	0 1-	6ACWC	0	0	564	149	0	0	0	0.00	3.23	0
CO12302	CO12313	3.89	0 1-	4ACSR	0	0	733	160	0	0	0	0.00	3.23	0
CO12278	CO12302	3.96	0 1-	4ACSR	0	0	721	159	0	0	0	0.00	3.23	0
CO12288	CO12247	3.51	2 1-	4ACSR	0	0	798	163	17	2	2	0.01	3.07	0
OC236816406	CO12288	3.51	2 1-	20 N FUSE	0	0	798	163	17	2	12	0.00	3.07	0
CO12287	OC236816406	3.56	2 1-	4ACSR	0	0	789	163	17	2	2	0.00	3.08	0
CO12193	CO12160	2.46	0 1-	4ACSR	0	0	1015	171	0	0	0	0.00	1.93	0
CO12194	CO12157	2.55	1 1-	4ACSR	0	0	985	169	1	0	0	0.00	1.74	0
OC1717897217	CO12194	2.55	0 1-	20 N FUSE	0	0	985	169	0	0	0	0.00	1.74	0
CO12195+	CO12161	2.00	0 1-	4ACSR	0	0	3116	338	0	0	0	0.00	0.58	0
CO5653+	CO5572	1.05	5 1-	4ACSR	0	0	4959	348	18	1	1	0.00	0.41	0
CO5654+	CO5653	1.18	4 1-	4ACSR	0	0	4456	346	17	1	1	0.00	0.41	0
CO5574+	CO5654	1.25	3 1-	4ACSR	0	0	4224	344	16	1	1	0.00	0.41	0
CO5531+	CO5574	1.32	3 1-	4ACSR	0	0	4032	343	16	1	1	0.00	0.41	0
CO5530+	CO5574	1.34	0 1-	4ACSR	0	0	3959	342	0	0	0	0.00	0.41	0
CO5710+	CO5572	1.00	226 3-	1/0ACSR	6066	5714	5166	350	1117	25	11	0.00	0.41	2
OC167+	CO5710	1.00	226 3-	70 E OCR	6066	5714	5166	350	1117	25	36	0.00	0.41	0
CO5711+	OC167	1.04	226 3-	1/0ACSR	5938	5593	5033	349	1117	25	11	0.01	0.42	16
CO5720+	CO5711	1.14	226 3-	1/0ACSR	5677	5345	4766	348	1117	25	11	0.02	0.44	35
CO5721+	CO5720	1.15	225 3-	1/0ACSR	5653	5322	4741	348	1117	25	11	0.00	0.44	3
CO5558+	CO5721	1.18	0 1-	2ACSR	0	0	4668	348	0	0	0	0.00	0.44	0
CO5643+	CO5721	1.31	225 3-	1/0ACSR	5281	4970	4371	347	1117	25	11	0.03	0.47	56
CO5644+	CO5643	1.35	225 3-	1/0ACSR	5194	4888	4286	346	1116	25	11	0.01	0.48	14
CO5532+	CO5644	1.39	1 1-	4ACSR	0	0	4159	345	4	0	0	0.00	0.48	0
CO5502+	CO5644	1.52	224 3-	1/0ACSR	4847	4562	3953	345	1112	25	11	0.04	0.52	61
CO5533+	CO5502	1.69	2 1-	4ACSR	0	0	3543	341	13	0	1	0.00	0.52	0
OC1195209938+	CO5533	1.69	0 1-	20 N FUSE	0	0	3543	341	0	0	0	0.00	0.52	0
CO5503+	CO5502	1.69	222 3-	1/0ACSR	4539	4274	3665	343	1099	24	11	0.04	0.55	60
CO17275+	CO5503	1.77	11 1-	2ACSR	0	0	3517	342	45	3	2	0.00	0.56	0
CO12309+	CO17275	1.78	11 1-	4ACSR	0	0	3503	342	45	3	2	0.00	0.56	0
OC342+	CO12309	1.78	11 1-	35 E OCR	0	0	3503	342	45	3	9	0.00	0.56	0
CO12308+	OC342	1.80	11 1-	4ACSR	0	0	3448	341	45	3	2	0.00	0.56	0
CO12234+	CO12308	1.86	11 1-	4ACSR	0	0	3328	340	45	3	2	0.00	0.56	0
CO12235+	CO12234	1.93	9 1-	4ACSR	0	0	3214	338	40	2	2	0.00	0.57	0
CO12236+	CO12235	1.99	9 1-	4ACSR	0	0	3103	337	40	2	2	0.00	0.57	0
CO12233+	CO12236	2.16	9 1-	4ACSR	0	0	2835	334	40	2	2	0.01	0.58	0
CO12239+	CO12233	2.23	9 1-	4ACSR	0	0	2732	332	40	2	2	0.00	0.59	0
CO12238+	CO12239	2.31	9 1-	4ACSR	0	0	2620	331	40	2	2	0.00	0.59	0
CO12237+	CO12238	2.41	7 1-	4ACSR	0	0	2504	329	36	2	2	0.01	0.60	0
CO12184+	CO12237	2.46	1 1-	4ACSR	0	0	2449	328	10	0	0	0.00	0.60	0
CO12240+	CO12237	2.60	6 1-	4ACSR	0	0	2300	325	27	1	1	0.01	0.61	0
CO12241+	CO12240	2.71	6 1-	4ACSR	0	0	2192	323	27	1	1	0.00	0.61	0
OC1414459057+	CO12241	2.71	6 1-	20 N FUSE	0	0	2192	323	27	1	9	0.00	0.61	0
CO12187+	OC1414459057	2.76	0 1-	4ACSR	0	0	2146	322	0	0	0	0.00	0.61	0
CO12153+	OC1414459057	3.04	6 1-	4ACSR	0	0	1932	317	27	1	1	0.01	0.62	0
CO12152+	CO12153	3.27	2 1-	4ACSR	0	0	1777	313	3	0	0	0.00	0.62	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12282+	CO12152	3.34	0 1-	4ACSR	0	0	1732	311	0	0	0	0.00	0.62	0
CO12281+	CO12282	3.43	0 1-	4ACSR	0	0	1683	310	0	0	0	0.00	0.62	0
CO12151+	CO12152	3.38	2 1-	4ACSR	0	0	1712	311	3	0	0	0.00	0.62	0
CO12243+	CO12151	3.58	1 1-	4ACSR	0	0	1606	307	3	0	0	0.00	0.63	0
OC-672314428+	CO12243	3.58	1 1-	20 N FUSE	0	0	1606	307	3	0	1	0.00	0.63	0
CO12242+	OC-672314428	3.81	1 1-	4ACSR	0	0	1497	303	3	0	0	0.00	0.63	0
CO12186+	CO12151	3.46	1 1-	4ACSR	0	0	1668	309	0	0	0	0.00	0.62	0
CO12284+	CO12153	3.15	4 1-	4ACSR	0	0	1851	315	24	1	1	0.00	0.63	0
CO12283+	CO12284	3.19	2 1-	4ACSR	0	0	1828	314	10	0	0	0.00	0.63	0
CO12185+	CO12238	2.41	1 1-	4ACSR	0	0	2504	329	0	0	0	0.00	0.59	0
CO5642+	CO5503	1.72	211 3-	1/0ACSR	4485	4223	3616	343	1053	23	10	0.01	0.56	10
CO17274+	CO5642	1.92	210 3-	1/0ACSR	4177	3935	3335	341	1051	23	10	0.04	0.60	64
CO17273+	CO17274	2.09	1 1-	4ACSR	0	0	3029	337	9	0	0	0.00	0.60	0
CO12154+	CO17274	2.16	208 3-	1/0ACSR	3862	3641	3054	338	1031	23	10	0.05	0.65	73
CO12246+	CO12154	2.33	208 3-	1/0ACSR	3657	3450	2875	337	1031	23	10	0.03	0.68	54
CO12245+	CO12246	2.38	207 3-	1/0ACSR	3610	3406	2834	336	1025	23	10	0.01	0.69	13
CO12244+	CO12245	2.41	190 3-	1/0ACSR	3578	3376	2806	336	942	21	9	0.01	0.70	8
CO17135+	CO12244	2.47	189 3-	1/0ACSR	3516	3319	2753	335	937	21	9	0.01	0.71	15
CO12615+	CO17135	2.56	187 3-	1/0ACSR	3424	3233	2674	335	919	20	9	0.02	0.72	22
CO12614+	CO12615	2.68	186 3-	1/0ACSR	3313	3128	2579	333	909	20	9	0.02	0.74	28
CO12535+	CO12614	2.70	1 1-	4ACSR	0	0	2548	333	2	0	0	0.00	0.74	0
CO12617+	CO12614	2.75	185 3-	1/0ACSR	3245	3065	2521	333	906	20	9	0.01	0.76	18
CO12616+	CO12617	2.87	183 3-	1/0ACSR	3147	2974	2438	332	903	20	9	0.02	0.78	27
CO12553+	CO12616	2.94	2 1-	2ACSR	0	0	2380	331	4	0	0	0.00	0.78	0
CO12518+	CO12616	2.98	181 3-	1/0ACSR	3054	2887	2361	331	899	20	9	0.02	0.80	27
CO12619+	CO12518	3.07	177 3-	1/0ACSR	2987	2825	2305	330	887	19	9	0.01	0.81	20
OC-1629296859+	CO12619	3.07	176 3-	20 N FUSE	2987	2825	2305	330	878	19	99	0.00	0.81	0
CO12618+	OC-1629296859	3.15	176 3-	1/0ACSR	2928	2769	2255	329	878	19	9	0.01	0.83	18
CO12537+	CO12618	3.20	0 1-	4ACSR	0	0	2211	328	0	0	0	0.00	0.83	0
CO12520+	CO12618	3.19	176 3-	1/0ACSR	2899	2742	2232	329	878	19	9	0.01	0.83	9
CO12680+	CO12520	3.20	11 1-	4ACSR	0	0	2226	329	43	2	2	0.00	0.83	0
OC350+	CO12680	3.20	11 1-	10 N FUSE	0	0	2226	329	43	2	29	0.00	0.83	0
CO12681+	OC350	3.37	11 1-	4ACSR	0	0	2084	325	43	2	2	0.01	0.84	0
CO12640+	CO12681	3.58	10 1-	4ACSR	0	0	1928	321	42	2	2	0.01	0.86	0
CO12638+	CO12640	3.62	8 1-	4ACSR	0	0	1900	320	37	2	2	0.00	0.86	0
CO12639+	CO12638	3.72	7 1-	4ACSR	0	0	1835	318	32	2	2	0.00	0.86	0
CO6064+	CO12639	4.08	4 1-	4ACSR	0	0	1637	312	10	0	0	0.01	0.87	0
CO6065+	CO6064	4.20	3 1-	4ACSR	0	0	1576	310	10	0	0	0.00	0.87	0
CO6066+	CO6065	4.46	2 1-	4ACSR	0	0	1462	305	7	0	0	0.00	0.87	0
CO6067+	CO6066	4.52	1 1-	4ACSR	0	0	1439	304	0	0	0	0.00	0.87	0
CO12634+	CO12634	3.88	3 1-	4ACSR	0	0	1740	315	22	1	1	0.01	0.87	0
CO12633+	CO12634	3.92	3 1-	4ACSR	0	0	1721	315	22	1	1	0.00	0.87	0
CO12538+	CO12633	3.96	0 1-	4ACSR	0	0	1696	314	0	0	0	0.00	0.87	0
CO12663+	CO12633	3.97	3 1-	4ACSR	0	0	1692	314	22	1	1	0.00	0.87	0
CO12662+	CO12663	4.11	2 1-	4ACSR	0	0	1619	311	20	1	1	0.00	0.88	0
CO12539+	CO12662	4.21	1 1-	4ACSR	0	0	1573	310	5	0	0	0.00	0.88	0
CO12554+	CO12662	4.18	1 1-	4ACSR	0	0	1587	310	15	0	1	0.00	0.88	0
CO12621+	CO12520	3.30	165 3-	1/0ACSR	2824	2672	2170	328	835	18	8	0.02	0.85	22
CO12620+	CO12621	3.42	165 3-	1/0ACSR	2746	2599	2106	327	835	18	8	0.02	0.87	24
CO12655+	CO12620	3.43	1 1-	4ACSR	0	0	2098	326	1	0	0	0.00	0.87	0
OC708542645+	CO12655	3.43	1 1-	20 N FUSE	0	0	2098	326	1	0	0	0.00	0.87	0
CO12654+	OC708542645	3.54	1 1-	4ACSR	0	0	2017	324	1	0	0	0.00	0.87	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12622+	CO12620	3.51	164 3-	1/0ACSR	2690	2546	2059	326	833	18	8	0.01	0.88	18
CO12624+	CO12622	3.55	164 3-	1/0ACSR	2667	2525	2041	325	833	18	8	0.01	0.89	8
CO12623+	CO12624	3.68	164 3-	1/0ACSR	2591	2453	1978	324	833	18	8	0.02	0.91	27
CO12690+	CO12623	3.79	2 1-	4ACSR	0	0	1904	322	19	1	1	0.00	0.91	0
OC-1154435147+	CO12690	3.79	0 1-	20 N FUSE	0	0	1904	322	0	0	0	0.00	0.91	0
CO12665+	CO12623	3.72	162 3-	1/0ACSR	2566	2430	1958	324	814	18	8	0.01	0.92	9
CO12664+	CO12665	3.74	162 3-	1/0ACSR	2554	2419	1949	324	814	18	8	0.00	0.92	4
CO12660+	CO12664	3.80	3 1-	2ACSR	0	0	1918	323	8	0	0	0.00	0.92	0
OC-1536087156+	CO12660	3.80	2 1-	20 N FUSE	0	0	1918	323	8	0	3	0.00	0.92	0
CO12548+	OC-1536087156	3.86	1 1-	2ACSR	0	0	1886	322	8	0	0	0.00	0.92	0
CO12659+	OC-1536087156	3.88	1 1-	2ACSR	0	0	1877	322	0	0	0	0.00	0.92	0
CO12661+	CO12659	4.04	0 1-	2ACSR	0	0	1799	320	0	0	0	0.00	0.92	0
CO12667+	CO12664	3.88	159 3-	1/0ACSR	2483	2353	1891	322	806	18	8	0.02	0.94	25
CO12666+	CO12667	3.95	159 3-	1/0ACSR	2448	2320	1863	322	806	18	8	0.01	0.95	13
FD-862561099+	CO12666	3.95	159 3-	_DefaultBayEqui	2448	2320	1863	322	806	18	0	0.00	0.95	0
CO12519+	FD-862561099	4.20	159 3-	1/0ACSR	2328	2207	1766	320	806	18	8	0.04	0.99	47
OC-862561099+	CO12519	4.20	158 3-	20 N FUSE	2328	2207	1766	320	796	17	90	0.00	0.99	0
CO12625+	OC-862561099	4.27	158 3-	1/0ACSR	2295	2177	1740	319	796	17	8	0.01	1.00	13
CO12629+	CO12625	4.29	158 3-	1/0ACSR	2284	2166	1731	319	796	17	8	0.00	1.01	5
CO12627+	CO12629	4.37	158 3-	1/0ACSR	2249	2133	1703	318	796	17	8	0.01	1.02	15
CO12546+	CO12627	4.48	2 1-	4ACSR	0	0	1647	316	14	0	1	0.00	1.02	0
OC1074199919+	CO12546	4.48	2 1-	20 N FUSE	0	0	1647	316	14	0	5	0.00	1.02	0
CO12540+	OC1074199919	4.55	2 1-	4ACSR	0	0	1614	315	14	0	1	0.00	1.02	0
CO12626+	CO12627	4.53	154 3-	1/0ACSR	2184	2072	1651	317	782	17	8	0.02	1.04	28
CO12628+	CO12626	4.60	154 3-	1/0ACSR	2155	2045	1628	316	782	17	8	0.01	1.05	13
CO12642+	CO12628	4.67	154 3-	1/0ACSR	2130	2021	1608	315	782	17	8	0.01	1.06	12
CO12641+	CO12642	4.69	154 3-	1/0ACSR	2121	2012	1601	315	782	17	8	0.00	1.07	4
CO12521+	CO12641	4.76	47 1-	2ACSR	0	0	1578	314	251	17	9	0.02	1.08	7
CO12541+	CO12521	4.86	1 1-	4ACSR	0	0	1533	312	4	0	0	0.00	1.09	0
CO12658+	CO12521	4.91	2 1-	2ACSR	0	0	1524	312	8	0	0	0.00	1.09	0
CO12657+	CO12658	5.00	1 1-	2ACSR	0	0	1495	311	4	0	0	0.00	1.09	0
CO12682+	CO12521	4.76	44 1-	2ACSR	0	0	1575	314	239	16	9	0.00	1.09	0
OC348+	CO12682	4.76	44 1-	35 E OCR	0	0	1575	314	239	16	46	0.00	1.09	0
CO12683+	OC348	5.16	44 1-	2ACSR	0	0	1445	309	239	16	9	0.10	1.19	36
CO6068+	CO12683	5.32	43 1-	2ACSR	0	0	1400	307	235	15	9	0.04	1.22	14
CO6071+	CO6068	5.36	41 1-	2ACSR	0	0	1387	307	219	14	8	0.01	1.23	4
CO6072+	CO6071	5.40	40 1-	2ACSR	0	0	1377	306	219	14	8	0.01	1.24	3
CO6073+	CO6072	5.48	38 1-	2ACSR	0	0	1354	305	209	14	8	0.02	1.26	6
CO6074+	CO6073	5.59	36 1-	2ACSR	0	0	1325	304	203	13	8	0.02	1.28	7
CO-1589447300+	CO6074	5.64	34 1-	2ACSR	0	0	1312	303	189	12	7	0.01	1.29	3
CO-1438910114+	CO-1589447300	5.80	33 1-	2ACSR	0	0	1275	302	177	12	7	0.03	1.32	8
CO6077+	CO-1438910114	6.08	33 1-	4ACSR	0	0	1196	297	177	12	9	0.08	1.40	22
OC-2082722250+	CO6077	6.08	33 1-	20 N FUSE	0	0	1196	297	177	12	60	0.00	1.40	0
CO6078+	OC-2082722250	6.17	33 1-	4ACSR	0	0	1170	295	177	12	9	0.03	1.43	8
CO6081+	CO6078	6.27	31 1-	4ACSR	0	0	1147	294	164	11	8	0.02	1.45	6
CO6082+	CO6081	6.44	31 1-	4ACSR	0	0	1106	291	164	11	8	0.04	1.49	11
CO5889+	CO6082	6.52	21 1-	4ACSR	0	0	1087	290	107	7	5	0.01	1.51	2
CO6090+	CO5889	6.60	17 1-	4ACSR	0	0	1069	288	94	6	5	0.01	1.52	0
OC1869166185+	CO6090	6.60	16 1-	20 N FUSE	0	0	1069	288	86	5	29	0.00	1.52	0
CO6091+	OC1869166185	6.71	16 1-	4ACSR	0	0	1046	287	86	5	4	0.01	1.53	0
CO5915+	CO6091	6.79	1 1-	4ACSR	0	0	1029	285	3	0	0	0.00	1.53	0
CO5958+	CO6091	7.00	1 1-	4ACSR	0	0	990	282	2	0	0	0.00	1.53	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5891+	CO6091	6.84	10 1-	4ACSR	0	0	1021	285	69	4	3	0.01	1.54	0
CO5892+	CO5891	6.96	9 1-	4ACSR	0	0	997	283	60	4	3	0.01	1.55	0
CO6092+	CO5892	7.09	3 1-	4ACSR	0	0	973	281	32	2	2	0.00	1.56	0
CO6093+	CO6092	7.10	1 1-	4ACSR	0	0	971	281	12	0	1	0.00	1.56	0
CO6094+	CO6093	7.16	1 1-	4ACSR	0	0	959	280	12	0	1	0.00	1.56	0
CO5893+	CO5892	7.00	5 1-	4ACSR	0	0	989	282	17	1	1	0.00	1.55	0
CO5913+	CO5893	7.08	2 1-	4ACSR	0	0	975	281	7	0	0	0.00	1.55	0
CO6095+	CO5893	7.01	2 1-	4ACSR	0	0	987	282	11	0	1	0.00	1.55	0
CO6096+	CO6095	7.08	2 1-	2ACSR	0	0	978	281	11	0	0	0.00	1.56	0
CO280203031+	CO6096	7.12	1 1-	2ACSR	0	0	972	281	10	0	0	0.00	1.56	0
CO925719829+	CO6096	7.12	1 1-	2ACSR	0	0	971	281	0	0	0	0.00	1.56	0
CO6097+	CO925719829	7.14	1 1-	4ACSR	0	0	968	281	0	0	0	0.00	1.56	0
CO5914+	CO5891	6.90	1 1-	4ACSR	0	0	1009	284	9	0	0	0.00	1.54	0
CO5890+	CO5889	6.69	4 1-	4ACSR	0	0	1049	287	13	0	1	0.00	1.51	0
CO5918+	CO5890	6.74	1 1-	4ACSR	0	0	1039	286	9	0	0	0.00	1.51	0
CO5912+	CO5890	6.76	2 1-	4/0 HdCu - 12s	0	0	1044	287	2	0	0	0.00	1.51	0
CO6088+	CO5890	6.76	1 1-	4ACSR	0	0	1035	286	3	0	0	0.00	1.51	0
CO6089+	CO6088	7.10	1 1-	4ACSR	0	0	971	281	3	0	0	0.00	1.51	0
CO5896+	CO6082	6.58	10 1-	4ACSR	0	0	1073	289	56	3	3	0.01	1.50	0
CO5919+	CO5896	6.63	1 1-	4ACSR	0	0	1064	288	9	0	0	0.00	1.50	0
CO5895+	CO5896	6.64	6 1-	4ACSR	0	0	1060	288	36	2	2	0.00	1.51	0
CO6083+	CO5895	6.72	4 1-	4ACSR	0	0	1043	286	13	0	1	0.00	1.51	0
CO6084+	CO6083	6.81	3 1-	4ACSR	0	0	1026	285	13	0	1	0.00	1.51	0
CO6085+	CO6084	6.85	2 1-	4ACSR	0	0	1017	284	10	0	1	0.00	1.51	0
CO6086+	CO6085	6.90	1 1-	4ACSR	0	0	1007	284	8	0	0	0.00	1.51	0
CO6087+	CO6086	6.95	1 1-	4ACSR	0	0	998	283	8	0	0	0.00	1.51	0
CO5911+	CO5895	6.71	1 1-	4ACSR	0	0	1045	287	11	0	1	0.00	1.51	0
CO6079+	CO6078	6.22	2 1-	4ACSR	0	0	1158	294	13	0	1	0.00	1.43	0
CO6080+	CO6079	6.29	1 1-	4ACSR	0	0	1140	293	8	0	0	0.00	1.43	0
CO222752363+	CO-1589447300	5.69	1 1-	2ACSR	0	0	1302	303	12	0	0	0.00	1.29	0
CO6075+	CO6074	5.67	2 1-	2ACSR	0	0	1307	303	13	0	1	0.00	1.29	0
CO6076+	CO6075	5.71	1 1-	2ACSR	0	0	1296	303	11	0	0	0.00	1.29	0
CO6069+	CO6068	5.41	2 1-	2ACSR	0	0	1373	306	15	1	1	0.00	1.23	0
CO6070+	CO6069	5.44	1 1-	2ACSR	0	0	1364	306	12	0	0	0.00	1.23	0
CO12545+	CO12641	4.82	0 1-	2ACSR	0	0	1555	313	0	0	0	0.00	1.07	0
CO12635+	CO12641	4.92	107 3-	1/0ACSR	2039	1936	1537	313	530	11	5	0.02	1.09	18
CO17071+	CO12635	5.06	106 3-	1/0ACSR	1990	1890	1498	312	530	11	5	0.01	1.11	12
CO13070+	CO17071	5.07	103 3-	1/0ACSR	1986	1886	1495	312	523	11	5	0.00	1.11	0
CO13069+	CO13070	5.09	103 3-	1/0ACSR	1981	1881	1490	312	523	11	5	0.00	1.11	0
CO13072+	CO13069	5.12	102 3-	1/0ACSR	1970	1871	1482	311	508	11	5	0.00	1.11	2
CO13071+	CO13072	5.14	102 3-	1/0ACSR	1962	1863	1476	311	508	11	5	0.00	1.11	0
CO17259+	CO13071	5.17	102 3-	1/0ACSR	1954	1856	1470	311	508	11	5	0.00	1.12	0
CO17266+	CO17259	5.22	1 1-	4ACSR	0	0	1450	310	0	0	0	0.00	1.12	0
CO13073+	CO17259	5.25	101 3-	1/0ACSR	1929	1832	1449	310	508	11	5	0.01	1.12	6
CO13144+	CO13073	5.25	58 3-	2ACSR	1926	1829	1447	310	280	6	4	0.00	1.12	0
OC371+	CO13144	5.25	58 3-	35 E OCR	1926	1829	1447	310	280	6	18	0.00	1.12	0
CO13143+	OC371	5.32	58 3-	2ACSR	1902	1807	1429	309	280	6	4	0.00	1.13	2
CO12985+	CO13143	5.35	3 1-	4ACSR	0	0	1415	309	17	1	1	0.00	1.13	0
CO12996+	CO13143	5.36	26 1-	4ACSR	0	0	1412	309	111	7	5	0.01	1.14	0
CO12997+	CO12996	5.38	23 1-	4ACSR	0	0	1407	308	104	7	5	0.00	1.14	0
CO12998+	CO12997	5.40	21 1-	4ACSR	0	0	1399	308	90	6	4	0.00	1.14	0
CO13067+	CO12998	5.41	19 1-	6ACWC	0	0	1394	308	64	4	3	0.00	1.14	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13066+	CO13067	5.45	15 1-	6ACWC	0	0	1381	307	58	3	3	0.00	1.15	0
CO12983+	CO13066	5.57	2 1-	4ACSR	0	0	1342	305	3	0	0	0.00	1.15	0
CO13126+	CO13066	5.50	9 1-	4ACSR	0	0	1364	306	40	2	2	0.00	1.15	0
CO13045+	CO13126	5.51	4 1-	4ACSR	0	0	1360	306	27	1	1	0.00	1.15	0
CO13046+	CO13045	5.53	3 1-	4ACSR	0	0	1354	306	17	1	1	0.00	1.15	0
CO12977+	CO13046	5.57	1 1-	4ACSR	0	0	1341	305	9	0	0	0.00	1.15	0
CO13047+	CO13046	5.61	2 1-	4ACSR	0	0	1328	304	9	0	0	0.00	1.15	0
CO13048+	CO13047	5.68	0 1-	4ACSR	0	0	1305	303	0	0	0	0.00	1.15	0
CO12994+	CO12998	5.42	2 1-	4ACSR	0	0	1393	308	26	1	1	0.00	1.14	0
CO12995+	CO12994	5.44	1 1-	4ACSR	0	0	1386	307	13	0	1	0.00	1.14	0
CO13041+	CO13143	5.36	29 3-	2ACSR	1886	1793	1418	309	152	3	2	0.00	1.13	0
CO13040+	CO13041	5.40	25 3-	2ACSR	1869	1777	1404	308	130	2	2	0.00	1.13	0
CO12941+	CO13040	5.58	16 3-	2ACSR	1805	1719	1357	306	105	2	1	0.00	1.14	0
CO13088+	CO12941	5.61	2 1-	4ACSR	0	0	1344	306	0	0	0	0.00	1.14	0
CO13087+	CO13088	5.62	1 1-	4ACSR	0	0	1342	306	0	0	0	0.00	1.14	0
CO13039+	CO12941	5.60	13 2-	6HDCU	0	1710	1350	306	93	3	2	0.00	1.14	0
CO13038+	CO13039	5.61	13 2-	6HDCU	0	1703	1344	306	93	3	2	0.00	1.14	0
CO13122+	CO13038	5.64	12 2-	6HDCU	0	1693	1336	305	83	2	2	0.00	1.14	0
CO13123+	CO13122	5.71	11 2-	6HDCU	0	1664	1313	304	81	2	2	0.00	1.15	0
CO12943+	CO13123	6.00	8 2-	6HDCU	0	1556	1229	299	58	1	2	0.01	1.16	0
CO13093+	CO12943	6.18	3 1-	4ACSR	0	0	1180	296	28	1	1	0.01	1.16	0
CO13094+	CO13093	6.24	1 1-	4ACSR	0	0	1163	295	16	1	1	0.00	1.16	0
CO12944+	CO12943	6.05	4 2-	6HDCU	0	1536	1213	298	29	0	1	0.00	1.16	0
CO12978+	CO12944	6.18	3 1-	4ACSR	0	0	1180	296	29	1	1	0.00	1.16	0
CO12992+	CO12978	6.22	2 1-	2ACSR	0	0	1172	296	15	0	1	0.00	1.16	0
CO778240304+	CO12992	6.27	1 1-	2ACSR	0	0	1162	295	5	0	0	0.00	1.16	0
CO-1881306651+	CO778240304	6.31	1 1-	2ACSR	0	0	1154	295	5	0	0	0.00	1.16	0
CO13077+	CO12944	6.18	1 2-	6HDCU	0	1494	1181	296	0	0	0	0.00	1.16	0
CO13076+	CO13077	6.39	0 2-	6HDCU	0	1427	1128	293	0	0	0	0.00	1.16	0
CO13064+	CO13123	5.81	3 1-	4ACSR	0	0	1283	302	23	1	1	0.00	1.15	0
CO13065+	CO13064	5.87	3 1-	4ACSR	0	0	1264	301	23	1	1	0.00	1.15	0
CO13092+	CO13065	6.02	2 1-	4ACSR	0	0	1221	299	13	0	1	0.00	1.15	0
CO13091+	CO13092	6.08	1 1-	4ACSR	0	0	1205	298	11	0	1	0.00	1.15	0
CO12979+	CO13065	5.95	1 1-	4ACSR	0	0	1242	300	10	0	1	0.00	1.15	0
CO13125+	CO13040	5.45	8 1-	4ACSR	0	0	1387	308	21	1	1	0.00	1.13	0
CO13086+	CO13125	5.48	2 1-	4ACSR	0	0	1377	307	4	0	0	0.00	1.13	0
CO13043+	CO13086	5.55	1 1-	4ACSR	0	0	1354	306	0	0	0	0.00	1.13	0
CO13044+	CO13043	5.57	1 1-	4ACSR	0	0	1348	305	0	0	0	0.00	1.13	0
CO13085+	CO13086	5.50	1 1-	4ACSR	0	0	1371	307	4	0	0	0.00	1.13	0
CO13124+	CO13125	5.51	5 1-	4ACSR	0	0	1367	306	14	0	1	0.00	1.13	0
CO13042+	CO13124	5.52	0 1-	4ACSR	0	0	1364	306	0	0	0	0.00	1.13	0
CO13141+	CO13073	5.25	43 1-	4ACSR	0	0	1447	310	228	15	11	0.00	1.13	0
OC372+	CO13141	5.25	43 1-	35 L OCR	0	0	1447	310	228	15	44	0.00	1.13	0
CO13142+	OC372	5.30	43 1-	4ACSR	0	0	1430	309	228	15	11	0.02	1.14	6
CO13128+	CO13142	5.33	43 1-	4ACSR	0	0	1420	309	228	15	11	0.01	1.15	3
CO13127+	CO13128	5.36	41 1-	4ACSR	0	0	1407	308	212	14	10	0.01	1.16	4
CO13049+	CO13127	5.60	40 1-	4ACSR	0	0	1326	304	210	14	10	0.07	1.24	25
CO13037+	CO13049	5.98	39 1-	4ACSR	0	0	1213	298	205	13	10	0.12	1.36	39
CO6384+	CO13037	6.17	39 1-	4ACSR	0	0	1163	295	205	13	10	0.06	1.41	20
OC1727164843+	CO6384	6.17	39 1-	20 N FUSE	0	0	1163	295	204	13	69	0.00	1.41	0
CO6613+	OC1727164843	6.21	2 1-	4ACSR	0	0	1151	294	27	1	1	0.00	1.42	0
CO6614+	CO6613	6.30	1 1-	4ACSR	0	0	1130	292	12	0	1	0.00	1.42	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6385+	OC1727164843	6.22	37 1-	4ACSR	0	0	1149	294	177	12	9	0.02	1.43	4
CO17270+	CO6385	6.45	0 1-	4ACSR	0	0	1095	290	0	0	0	0.00	1.43	0
CO13103+	CO17270	6.59	0 1-	4ACSR	0	0	1063	288	0	0	0	0.00	1.43	0
CO17269+	CO6385	6.31	2 1-	4ACSR	0	0	1128	292	12	0	1	0.00	1.43	0
CO6386+	CO6385	6.32	33 1-	4ACSR	0	0	1126	292	157	10	8	0.02	1.45	6
CO6439+	CO6386	6.36	1 1-	4ACSR	0	0	1115	291	15	1	1	0.00	1.45	0
CO6387+	CO6386	6.39	32 1-	4ACSR	0	0	1108	291	142	9	7	0.02	1.47	4
CO6615+	CO6387	6.43	1 1-	4ACSR	0	0	1099	290	9	0	0	0.00	1.47	0
CO6503+	CO6387	6.53	31 1-	4ACSR	0	0	1078	289	133	9	6	0.03	1.50	6
CO6504+	CO6503	6.84	29 1-	4ACSR	0	0	1013	284	127	8	6	0.06	1.56	12
CO6618+	CO6504	6.88	5 1-	4ACSR	0	0	1005	283	14	0	1	0.00	1.56	0
CO6617+	CO6618	7.03	3 1-	4ACSR	0	0	976	281	5	0	0	0.00	1.56	0
CO6619+	CO6618	6.96	2 1-	4ACSR	0	0	990	282	9	0	0	0.00	1.56	0
CO6620+	CO6619	7.01	1 1-	4ACSR	0	0	980	281	3	0	0	0.00	1.56	0
CO6745+	CO6504	6.91	11 1-	4ACSR	0	0	1000	283	37	2	2	0.00	1.56	0
CO6746+	CO6745	6.95	10 1-	4ACSR	0	0	991	282	34	2	2	0.00	1.56	0
CO6765+	CO6746	6.97	9 1-	4ACSR	0	0	987	282	30	2	1	0.00	1.56	0
CO6766+	CO6765	7.01	9 1-	4ACSR	0	0	981	281	30	2	1	0.00	1.56	0
CO6767+	CO6766	7.03	8 1-	4ACSR	0	0	977	281	29	2	1	0.00	1.57	0
CO6441+	CO6767	7.12	4 1-	4ACSR	0	0	960	280	10	0	0	0.00	1.57	0
CO6616+	CO6767	7.08	0 1-	4ACSR	0	0	967	280	0	0	0	0.00	1.57	0
CO6505+	CO6504	6.88	13 1-	4ACSR	0	0	1006	283	76	5	4	0.00	1.56	0
CO6506+	CO6505	7.07	13 1-	4ACSR	0	0	970	280	76	5	4	0.02	1.58	3
CO6743+	CO6506	7.12	2 1-	4ACSR	0	0	961	280	6	0	0	0.00	1.58	0
CO6744+	CO6743	7.14	1 1-	4ACSR	0	0	957	279	1	0	0	0.00	1.58	0
CO6391+	CO6506	7.17	11 1-	4ACSR	0	0	952	279	70	4	3	0.01	1.59	0
CO6741+	CO6391	7.21	7 1-	4ACSR	0	0	945	278	36	2	2	0.00	1.59	0
CO6742+	CO6741	7.24	6 1-	4ACSR	0	0	940	278	30	2	1	0.00	1.60	0
CO6632+	CO6742	7.27	4 1-	4ACSR	0	0	934	277	21	1	1	0.00	1.60	0
CO6634+	CO6632	7.42	2 1-	4ACSR	0	0	911	275	7	0	0	0.00	1.60	0
CO6633+	CO6634	7.50	1 1-	4ACSR	0	0	897	274	0	0	0	0.00	1.60	0
CO6635+	CO6391	7.28	3 1-	4ACSR	0	0	932	277	24	1	1	0.00	1.60	0
CO6636+	CO6635	7.40	2 1-	4ACSR	0	0	913	276	15	1	1	0.00	1.60	0
CO-2074081279+	CO6636	7.60	1 1-	2ACSR	0	0	890	274	7	0	0	0.00	1.60	0
CO6440+	CO6385	6.29	1 1-	4ACSR	0	0	1133	293	9	0	0	0.00	1.43	0
CO13130+	CO17071	5.09	3 1-	4ACSR	0	0	1483	311	7	0	0	0.00	1.11	0
CO13129+	CO13130	5.15	3 1-	4ACSR	0	0	1463	310	7	0	0	0.00	1.11	0
CO13050+	CO13129	5.16	2 1-	4ACSR	0	0	1457	310	7	0	0	0.00	1.11	0
CO13051+	CO13050	5.19	1 1-	4ACSR	0	0	1446	310	0	0	0	0.00	1.11	0
CO12547+	CO12519	4.23	1 1-	750 MCM - 42 WI	0	0	1760	319	9	0	0	0.00	0.99	0
OC-315630279+	CO12547	4.23	0 1-	20 N FUSE	0	0	1760	319	0	0	0	0.00	0.99	0
CO12678+	CO12518	2.99	3 1-	4ACSR	0	0	2354	330	1	0	0	0.00	0.80	0
OC347+	CO12678	2.99	3 1-	20 N FUSE	0	0	2354	330	1	0	0	0.00	0.80	0
CO12679+	OC347	3.08	3 1-	4ACSR	0	0	2264	329	1	0	0	0.00	0.80	0
CO12536+	CO12679	3.14	1 1-	4ACSR	0	0	2211	327	1	0	0	0.00	0.80	0
CO12630+	CO12679	3.13	2 1-	4ACSR	0	0	2221	328	0	0	0	0.00	0.80	0
CO12632+	CO12630	3.18	1 1-	4ACSR	0	0	2177	327	0	0	0	0.00	0.80	0
CO12631+	CO12632	3.75	1 1-	4ACSR	0	0	1770	316	0	0	0	0.00	0.80	0
CO17271+	CO12245	2.38	16 1-	6HDCU	0	0	2825	336	72	4	4	0.00	0.69	0
OC341+	CO17271	2.38	16 1-	35 E OCR	0	0	2825	336	72	4	14	0.00	0.69	0
CO17272+	OC341	2.59	16 1-	6HDCU	0	0	2561	332	72	4	4	0.02	0.72	3
CO5959+	CO17272	2.63	2 1-	4ACSR	0	0	2513	331	3	0	0	0.00	0.72	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5960+	CO5959	2.70	1 1-	4ACSR	0	0	2435	330	0	0	0	0.00	0.72	0
CO5961+	CO17272	2.65	14 1-	4ACSR	0	0	2490	331	68	4	3	0.01	0.72	0
CO8325+	CO5961	3.83	13 1-	4ACSR	0	0	1609	309	67	4	3	0.12	0.84	13
CO5576+	CO8325	4.03	7 1-	4ACSR	0	0	1513	305	47	3	2	0.01	0.85	0
CO5575+	CO5576	4.15	6 1-	4ACSR	0	0	1462	303	34	2	2	0.01	0.86	0
CO5609+	CO5575	4.21	1 1-	4ACSR	0	0	1439	302	9	0	0	0.00	0.86	0
CO5610+	CO5609	4.25	1 1-	4ACSR	0	0	1423	302	9	0	0	0.00	0.86	0
CO5608+	CO5575	4.26	2 1-	4ACSR	0	0	1419	301	15	1	1	0.00	0.86	0
CO5607+	CO5575	4.19	2 1-	4ACSR	0	0	1445	302	10	0	0	0.00	0.86	0
CO5606+	CO5607	4.25	2 1-	4ACSR	0	0	1423	302	10	0	0	0.00	0.86	0
CO-1191457292+	CO5606	4.31	1 1-	2ACSR	0	0	1405	301	9	0	0	0.00	0.86	0
CO5504+	CO8325	3.91	6 1-	4ACSR	0	0	1568	307	19	1	1	0.00	0.84	0
CO5534+	CO5504	4.19	0 1-	4ACSR	0	0	1444	302	0	0	0	0.00	0.84	0
CO5577+	CO5504	4.07	4 1-	4ACSR	0	0	1495	304	12	0	1	0.00	0.85	0
CO5578+	CO5577	4.24	4 1-	4ACSR	0	0	1424	302	12	0	1	0.00	0.85	0
CO8326+	CO5578	4.50	2 1-	4ACSR	0	0	1331	297	4	0	0	0.00	0.85	0
CO5963+	CO8326	4.56	2 1-	4ACSR	0	0	1310	296	4	0	0	0.00	0.85	0
CO5964+	CO5963	4.63	1 1-	4ACSR	0	0	1287	295	1	0	0	0.00	0.85	0
CO5962+	CO5964	4.72	1 1-	4ACSR	0	0	1257	294	1	0	0	0.00	0.85	0
CO5613+	CO5504	4.05	1 1-	4ACSR	0	0	1504	305	3	0	0	0.00	0.84	0
CO5611+	CO5613	4.10	0 1-	4ACSR	0	0	1482	304	0	0	0	0.00	0.84	0
CO5612+	CO5611	4.13	0 1-	4ACSR	0	0	1469	303	0	0	0	0.00	0.84	0
CO5645+	CO5504	4.06	0 1-	4ACSR	0	0	1499	305	0	0	0	0.00	0.84	0
CO5674+	CO5645	4.10	0 1-	4ACSR	0	0	1484	304	0	0	0	0.00	0.84	0
CO5675+	CO5674	4.17	0 1-	4ACSR	0	0	1453	303	0	0	0	0.00	0.84	0
CO5614+	CO5675	4.24	0 1-	4ACSR	0	0	1424	302	0	0	0	0.00	0.84	0
CO12188+	CO12154	2.25	0 1-	4ACSR	0	0	2904	336	0	0	0	0.00	0.65	0
CO12189+	CO17274	1.99	1 1-	4ACSR	0	0	3203	339	10	0	0	0.00	0.60	0
CO5529+	CO5570	0.34	1 1-	4ACSR	0	0	8214	356	6	0	0	0.00	0.12	0
CO5636+	CO5634	0.01	702 3-	750 MCM - 42 Wi	10734	11277	11423	359	3774	83	7	0.00	0.00	2
Sherburne+	CO5636	0.01	702 3-	560 200WVE	10734	11277	11423	359	3774	83	15	0.00	0.00	0
CO5500+	Sherburne	0.03	702 3-	1/0ACSR	10620	11079	11229	359	3774	83	37	0.01	0.01	65
CO745907996+	CO5500	0.06	702 3-	2ACSR	10382	10670	10821	359	3773	83	47	0.03	0.05	207
CO5708+	CO745907996	0.06	39 1-	4ACSR	0	0	10766	359	276	18	13	0.00	0.05	0
OC157+	CO5708	0.06	39 1-	100 L OCR	0	0	10766	359	276	18	19	0.00	0.05	0
CO5709+	OC157	0.07	39 1-	4ACSR	0	0	10728	359	276	18	13	0.00	0.05	0
CO5680+	CO5709	0.10	39 1-	4ACSR	0	0	10264	358	276	18	13	0.01	0.07	6
CO5681+	CO5680	0.13	38 1-	4ACSR	0	0	9920	357	262	17	13	0.01	0.08	4
CO5525+	CO5681	0.21	3 1-	4ACSR	0	0	8931	355	19	1	1	0.00	0.08	0
CO5524+	CO5681	0.16	1 1-	4ACSR	0	0	9466	356	1	0	0	0.00	0.08	0
CO5668+	CO5681	0.18	33 1-	4ACSR	0	0	9313	356	229	15	11	0.02	0.09	6
CO5678+	CO5668	0.20	31 1-	4ACSR	0	0	9026	356	221	14	11	0.01	0.10	3
CO5679+	CO5678	0.23	28 1-	4ACSR	0	0	8667	355	206	13	10	0.01	0.11	3
CO5603+	CO5679	0.28	11 1-	4ACSR	0	0	8121	354	130	8	6	0.01	0.12	0
CO5682+	CO5603	0.29	11 1-	4ACSR	0	0	7991	354	130	8	6	0.00	0.12	0
CO5683+	CO5682	0.32	6 1-	4ACSR	0	0	7724	353	118	7	6	0.00	0.13	0
CO5669+	CO5683	0.36	6 1-	4ACSR	0	0	7330	352	118	7	6	0.01	0.13	0
CO5684+	CO5669	0.39	5 1-	4ACSR	0	0	7047	351	114	7	5	0.01	0.14	0
CO5685+	CO5684	0.43	3 1-	4ACSR	0	0	6734	350	110	7	5	0.00	0.14	0
CO5655+	CO5679	0.27	9 1-	6HDCU	0	0	8274	354	39	2	2	0.00	0.11	0
CO5656+	CO5655	0.31	4 1-	6HDCU	0	0	7800	353	9	0	0	0.00	0.11	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5666+	CO5656	0.34	0 1-	6HDCU	0	0	7559	353	0	0	0	0.00	0.11	0
CO5667+	CO5666	0.36	0 1-	6HDCU	0	0	7344	352	0	0	0	0.00	0.11	0
CO5657+	CO5679	0.27	7 1-	4ACSR	0	0	8255	354	36	2	2	0.00	0.11	0
CO5658+	CO5657	0.32	6 1-	4ACSR	0	0	7746	353	33	2	2	0.00	0.11	0
CO17144+	CO5658	0.35	4 1-	4ACSR	0	0	7414	352	29	1	1	0.00	0.11	0
CO5526+	CO5658	0.38	0 1-	4ACSR	0	0	7208	352	0	0	0	0.00	0.11	0
CO5568+	CO745907996	0.10	663 3-	1/0ACSR	10085	10221	10341	358	3497	77	34	0.03	0.08	151
CO-1627864283+	CO5568	0.36	662 3-	2ACSR	8369	8206	7855	355	3486	77	43	0.25	0.33	1404
CO1018972995+	CO-1627864283	0.45	660 3-	2ACSR	7863	7628	7219	353	3474	77	43	0.08	0.41	474
CO12261+	CO1018972995	0.57	660 3-	1/0ACSR	7318	7025	6566	352	3472	77	34	0.08	0.49	420
CO12166+	CO12261	0.74	9 3-	1/0ACSR	6660	6325	5821	350	93	2	1	0.00	0.49	0
CO12165+	CO12166	0.78	7 3-	1/0ACSR	6529	6197	5678	350	85	1	1	0.00	0.49	0
CO17276+	CO12165	0.90	5 3-	1/0ACSR	6123	5802	5244	349	70	1	1	0.00	0.49	0
CO-923333338+	CO17276	0.97	1 1-	2ACSR	0	0	5003	348	11	0	0	0.00	0.50	0
CO5528+	CO17276	0.92	0 1-	4ACSR	0	0	5158	348	0	0	0	0.00	0.49	0
OC-1940179669+	CO5528	0.92	0 1-	20 N FUSE	0	0	5158	348	0	0	0	0.00	0.49	0
CO5527+	CO17276	0.96	3 1-	4ACSR	0	0	4987	347	56	3	3	0.00	0.50	0
OC1953467900+	CO5527	0.96	2 1-	20 N FUSE	0	0	4987	347	0	0	0	0.00	0.50	0
CO1727566037+	OC1953467900	0.97	2 1-	2ACSR	0	0	4946	347	0	0	0	0.00	0.50	0
CO12203+	CO12165	0.84	2 1-	4ACSR	0	0	5371	349	16	1	1	0.00	0.49	0
OC-586107937+	CO12203	0.84	0 1-	20 N FUSE	0	0	5371	349	0	0	0	0.00	0.49	0
CO12204+	CO12166	0.80	2 1-	4ACSR	0	0	5492	349	7	0	0	0.00	0.49	0
OC1228657137+	CO12204	0.80	0 1-	20 N FUSE	0	0	5492	349	0	0	0	0.00	0.49	0
CO12260+	CO12261	0.70	650 3-	1/0ACSR	6802	6467	5978	351	3373	75	33	0.08	0.57	427
CO12259+	CO12260	0.77	649 3-	1/0ACSR	6557	6224	5708	350	3362	75	33	0.04	0.61	223
CO12202+	CO12259	0.88	2 1-	4ACSR	0	0	5170	348	18	1	1	0.00	0.62	0
OC-1433043951+	CO12202	0.88	0 1-	20 N FUSE	0	0	5170	348	0	0	0	0.00	0.62	0
CO12201+	CO12259	0.86	2 1-	4ACSR	0	0	5273	348	13	0	1	0.00	0.61	0
OC-2041470819+	CO12201	0.86	0 1-	20 N FUSE	0	0	5273	348	0	0	0	0.00	0.61	0
CO12263+	CO12259	0.87	643 3-	1/0ACSR	6240	5915	5368	349	3322	74	32	0.06	0.67	307
CO12262+	CO12263	0.99	642 3-	1/0ACSR	5863	5552	4974	348	3319	74	32	0.08	0.75	404
CO12264+	CO12262	1.19	641 3-	1/0ACSR	5364	5076	4472	346	3313	74	32	0.12	0.87	614
CO12205+	CO12264	1.24	1 1-	4ACSR	0	0	4293	345	0	0	0	0.00	0.87	0
OC-712107734+	CO12205	1.24	0 1-	20 N FUSE	0	0	4293	345	0	0	0	0.00	0.87	0
CO12200+	CO12264	1.28	1 1-	4ACSR	0	0	4168	344	1	0	0	0.00	0.87	0
OC1534063814+	CO12200	1.28	0 1-	20 N FUSE	0	0	4168	344	0	0	0	0.00	0.87	0
CO12164+	CO12264	1.36	638 3-	1/0ACSR	5001	4731	4118	344	3304	73	32	0.10	0.97	520
CO12258+	CO12164	1.43	636 3-	1/0ACSR	4859	4597	3983	344	3294	73	32	0.04	1.02	221
CO12257+	CO12258	1.50	635 3-	1/0ACSR	4725	4470	3856	343	3285	73	32	0.04	1.06	221
CO12292+	CO12257	1.56	1 1-	4ACSR	0	0	3706	342	5	0	0	0.00	1.06	0
OC-2017056813+	CO12292	1.56	1 1-	20 N FUSE	0	0	3706	342	5	0	2	0.00	1.06	0
CO12291+	OC-2017056813	1.64	1 1-	4ACSR	0	0	3509	340	5	0	0	0.00	1.06	0
CO12163+	CO12257	1.66	630 3-	1/0ACSR	4438	4199	3589	341	3263	73	32	0.10	1.16	508
CO12162+	CO12163	1.73	629 3-	1/0ACSR	4325	4093	3485	341	3255	73	32	0.04	1.20	217
CO12256+	CO12162	1.87	627 3-	1/0ACSR	4123	3903	3302	339	3232	72	32	0.08	1.28	410
CO17146+	CO12256	1.95	626 3-	1/0ACSR	4017	3803	3207	339	3220	72	31	0.05	1.33	230
CO11832+	CO17146	2.01	2 1-	4ACSR	0	0	3098	337	2	0	0	0.00	1.33	0
OC1269221958+	CO11832	2.01	0 1-	20 N FUSE	0	0	3098	337	0	0	0	0.00	1.33	0
CO11817+	CO17146	2.02	616 3-	1/0ACSR	3916	3708	3117	338	3188	71	31	0.05	1.37	227
CO11833+	CO11817	2.08	0 1-	4ACSR	0	0	3026	337	0	0	0	0.00	1.37	0
OC1688190614+	CO11833	2.08	0 1-	20 N FUSE	0	0	3026	337	0	0	0	0.00	1.37	0
CO11863+	CO11817	2.18	577 3-	1/0ACSR	3725	3529	2948	336	3053	68	30	0.09	1.46	422

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11864+	CO11863	2.47	577 3-	1/0ACSR	3419	3240	2681	334	3051	68	30	0.16	1.62	777
CO17145+	CO11864	2.69	2 1-	4ACSR	0	0	2426	329	5	0	0	0.00	1.62	0
OC-1991954745+	CO17145	2.69	1 1-	20 N FUSE	0	0	2426	329	0	0	0	0.00	1.62	0
CO12253+	OC-1991954745	2.82	1 1-	4ACSR	0	0	2294	327	0	0	0	0.00	1.62	0
CO12255+	CO12253	3.01	1 1-	4ACSR	0	0	2123	323	0	0	0	0.00	1.62	0
CO12254+	CO12255	3.15	1 1-	4ACSR	0	0	2010	321	0	0	0	0.00	1.62	0
CO17253+	CO11864	2.67	573 3-	1/0ACSR	3233	3065	2522	332	3040	68	30	0.11	1.74	538
CO12197+	CO17253	2.88	2 1-	4ACSR	0	0	2299	328	4	0	0	0.00	1.74	0
OC-1978532683+	CO12197	2.88	0 1-	20 N FUSE	0	0	2299	328	0	0	0	0.00	1.74	0
CO12252+	CO17253	2.75	571 3-	1/0ACSR	3161	2998	2462	331	3033	68	30	0.05	1.78	222
CO12301+	CO12252	3.01	570 3-	1/0ACSR	2955	2804	2288	329	3022	68	30	0.15	1.93	695
CO12138+	CO12301	3.09	568 3-	1/0ACSR	2900	2753	2242	328	3007	67	29	0.04	1.97	200
CO12210+	CO12138	3.27	568 3-	1/0ACSR	2780	2639	2142	326	3006	67	29	0.10	2.07	467
CO12209+	CO12210	3.30	568 3-	1/0ACSR	2761	2622	2127	326	3004	67	29	0.02	2.08	76
CO17142+	CO12209	3.38	0 1-	4ACSR	0	0	2062	325	0	0	0	0.00	2.08	0
CO12169+	CO12209	3.34	0 1-	4ACSR	0	0	2095	325	0	0	0	0.00	2.08	0
OC-694257383+	CO12169	3.34	0 1-	20 N FUSE	0	0	2095	325	0	0	0	0.00	2.08	0
CO12212+	CO12209	3.60	568 3-	1/0ACSR	2578	2449	1976	323	3003	67	29	0.17	2.25	806
CO12211+	CO12212	3.98	567 3-	1/0ACSR	2381	2263	1816	320	2999	67	29	0.21	2.46	998
CO17136+	CO12211	4.03	7 1-	6ACWC	0	0	1788	319	40	2	2	0.00	2.47	0
OC524381760+	CO17136	4.03	6 1-	20 N FUSE	0	0	1788	319	38	2	13	0.00	2.47	0
CO11911+	OC524381760	4.10	6 1-	6ACWC	0	0	1750	318	38	2	2	0.00	2.47	0
CO11912+	CO11911	4.17	6 1-	6ACWC	0	0	1709	316	38	2	2	0.00	2.47	0
CO11808+	CO11912	4.31	4 1-	6ACWC	0	0	1637	314	19	1	1	0.00	2.48	0
CO11913+	CO11808	4.48	3 1-	6ACWC	0	0	1559	311	15	1	1	0.00	2.48	0
CO1920975752+	CO11913	4.62	2 1-	2ACSR	0	0	1511	309	7	0	0	0.00	2.48	0
CO11914+	CO11913	4.62	1 1-	6ACWC	0	0	1498	308	8	0	0	0.00	2.48	0
CO11822+	CO11912	4.20	1 1-	6ACWC	0	0	1697	316	11	0	1	0.00	2.47	0
CO17138+	CO12211	4.43	540 3-	1/0ACSR	2182	2075	1656	316	2867	64	28	0.24	2.70	1094
OC-178847254+	CO17138	4.43	540 3-	20 N FUSE	2182	2075	1656	316	2862	64	324	0.00	2.70	0
CO-915536511+	OC-178847254	4.53	540 3-	2ACSR	2135	2032	1619	315	2862	64	36	0.08	2.78	359
CO11823+	CO-915536511	4.60	1 1-	4ACSR	0	0	1586	313	2	0	0	0.00	2.78	0
CO11809+	CO-915536511	4.60	539 3-	1/0ACSR	2108	2007	1598	314	2859	64	28	0.04	2.82	171
CO11917+	CO11809	4.65	534 3-	1/0ACSR	2090	1990	1584	314	2848	64	28	0.02	2.84	113
CO11921+	CO11917	5.17	534 3-	1/0ACSR	1913	1822	1443	309	2847	64	28	0.27	3.12	1253
CO11922+	CO11921	5.30	533 3-	1/0ACSR	1872	1784	1411	308	2841	64	28	0.07	3.19	317
CO11923+	CO11922	5.75	533 3-	1/0ACSR	1747	1666	1313	304	2840	64	28	0.24	3.42	1076
CO17128+	CO11923	5.98	482 3-	1/0ACSR	1690	1611	1268	302	2577	58	26	0.11	3.53	454
FD-1733539004+	CO17128	5.98	482 3-	_DefaultBayEqui	1690	1611	1268	302	2575	58	0	0.00	3.53	0
CO11956+	FD-1733539004	6.26	482 3-	1/0ACSR	1625	1549	1217	300	2575	58	26	0.13	3.66	550
OC-1733539004+	CO11956	6.26	480 3-	20 N FUSE	1625	1549	1217	300	2570	58	293	0.00	3.66	0
CO11996+	OC-1733539004	6.39	480 3-	1/0ACSR	1597	1523	1195	299	2570	58	25	0.06	3.72	253
CO12041+	CO11996	6.42	477 3-	1/0ACSR	1589	1515	1189	299	2557	58	25	0.02	3.74	69
CO11997+	CO12041	6.49	475 3-	1/0ACSR	1575	1502	1178	298	2552	58	25	0.03	3.77	130
CO11959+	CO11997	6.57	464 3-	1/0ACSR	1557	1485	1164	297	2494	56	25	0.04	3.81	158
CO11960+	CO11959	6.62	462 3-	1/0ACSR	1547	1476	1157	297	2480	56	25	0.02	3.83	87
CO12047+	CO11960	6.77	453 3-	1/0ACSR	1517	1447	1134	296	2452	55	24	0.07	3.90	269
CO12048+	CO12047	6.84	453 3-	1/0ACSR	1505	1435	1124	295	2450	55	24	0.03	3.93	119
CO11987+	CO12048	6.88	1 1-	4ACSR	0	0	1113	295	12	0	1	0.00	3.93	0
OC337906502+	CO11987	6.88	0 1-	20 N FUSE	0	0	1113	295	0	0	0	0.00	3.93	0
CO12104+	CO12048	7.06	452 3-	1/0ACSR	1462	1395	1091	294	2438	55	24	0.10	4.03	401
CO12105+	CO12104	7.19	451 3-	1/0ACSR	1439	1374	1074	293	2435	55	24	0.06	4.09	228

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12049+	CO12105	7.38	0 1-	4ACSR	0	0	1035	289	0	0	0	0.00	4.09	0
OC-1030809019+	CO12049	7.38	0 1-	20 N FUSE	0	0	1035	289	0	0	0	0.00	4.09	0
CO12050+	OC-1030809019	7.66	0 1-	4ACSR	0	0	981	285	0	0	0	0.00	4.09	0
CO12051+	CO12050	7.91	0 1-	4ACSR	0	0	939	281	0	0	0	0.00	4.09	0
CO11963+	CO12051	8.12	0 1-	4ACSR	0	0	905	278	0	0	0	0.00	4.09	0
CO12076+	CO11963	8.27	0 1-	4ACSR	0	0	882	276	0	0	0	0.00	4.09	0
CO12077+	CO12076	8.37	0 1-	4ACSR	0	0	868	274	0	0	0	0.00	4.09	0
CO11988+	CO12051	8.03	0 1-	4ACSR	0	0	919	279	0	0	0	0.00	4.09	0
CO12052+	CO12105	7.23	451 3-	1/0ACSR	1433	1367	1068	292	2434	55	24	0.02	4.10	67
CO12053+	CO12052	7.39	451 3-	1/0ACSR	1405	1341	1047	291	2433	55	24	0.07	4.17	289
CO-1731857184+	CO12053	7.46	450 3-	2ACSR	1390	1327	1036	290	2413	55	31	0.05	4.22	193
CO1206307462+	CO-1731857184	7.55	450 3-	2ACSR	1370	1309	1021	289	2412	55	31	0.06	4.29	263
CO12055+	CO1206307462	7.72	450 3-	1/0ACSR	1344	1284	1001	288	2410	55	24	0.07	4.36	292
CO1260444816+	CO12055	7.93	0 3-	2ACSR	1305	1247	972	286	0	0	0	0.00	4.36	0
CO12131+	CO12055	7.73	448 3-	1/0ACSR	1343	1283	1001	288	2403	55	24	0.00	4.36	8
CO-2033225829+	CO12131	7.83	448 3-	2ACSR	1322	1264	985	287	2403	55	31	0.07	4.44	296
CO-1901045601+	CO-2033225829	7.90	448 3-	2ACSR	1310	1252	976	286	2401	55	31	0.05	4.48	186
REG340+	CO-1901045601	7.90	448 3-	100	1310	1252	976	286	2400	55	55	-4.48	0.00	0
CO11990+	REG340	8.07	2 1-	4ACSR	0	0	947	283	8	0	0	0.00	0.00	0
CO-1853216105+	REG340	8.12	446 3-	2ACSR	1269	1214	946	283	2392	52	29	0.14	0.14	565
CO12083+	CO-1853216105	8.22	44 1-	2ACSR	0	0	934	282	253	16	9	0.03	0.17	10
CO12084+	CO12083	8.24	43 1-	2ACSR	0	0	931	282	239	16	9	0.01	0.18	2
CO12085+	CO12084	8.36	43 1-	2ACSR	0	0	917	281	239	16	9	0.03	0.20	9
CO11965+	CO12085	8.45	1 1-	6ACWC	0	0	902	280	1	0	0	0.00	0.20	0
CO12127+	CO12085	8.36	40 1-	2ACSR	0	0	916	281	211	14	8	0.00	0.20	0
OC336+	CO12127	8.36	40 1-	70 L OCR	0	0	916	281	211	14	20	0.00	0.20	0
CO12128+	OC336	8.56	40 1-	2ACSR	0	0	892	279	211	14	8	0.04	0.25	14
CO11999+	CO12128	8.63	39 1-	2ACSR	0	0	885	278	203	13	8	0.01	0.26	4
CO12000+	CO11999	8.78	39 1-	2ACSR	0	0	868	277	203	13	8	0.03	0.29	10
CO17035+	CO12000	9.04	38 1-	2ACSR	0	0	840	274	203	13	8	0.06	0.35	17
CO10572+	CO17035	9.06	38 1-	2ACSR	0	0	838	274	203	13	8	0.00	0.35	0
CO10631+	CO10572	9.12	36 1-	2ACSR	0	0	831	273	201	13	8	0.01	0.37	4
CO10656+	CO10631	9.19	35 1-	2ACSR	0	0	825	272	201	13	8	0.01	0.38	4
CO10657+	CO10656	9.20	34 1-	2ACSR	0	0	824	272	195	13	7	0.00	0.38	0
CO10530+	CO10657	9.36	31 1-	2ACSR	0	0	808	271	175	11	7	0.03	0.41	8
CO10670+	CO10530	9.52	30 1-	2ACSR	0	0	793	269	169	11	6	0.03	0.44	7
CO10592+	CO10670	9.65	23 1-	2ACSR	0	0	781	268	160	10	6	0.02	0.46	5
CO10593+	CO10592	9.76	23 1-	2ACSR	0	0	771	267	160	10	6	0.02	0.48	5
CO10542+	CO10593	9.82	22 1-	2ACSR	0	0	766	266	157	10	6	0.01	0.49	2
CO10594+	CO10542	9.90	21 1-	2ACSR	0	0	759	265	147	9	6	0.01	0.50	3
CO10595+	CO10594	10.04	20 1-	2ACSR	0	0	747	264	128	8	5	0.02	0.52	4
CO10531+	CO10595	10.08	19 1-	2ACSR	0	0	744	264	127	8	5	0.00	0.52	0
CO39221566+	CO10531	10.18	1 1-	2ACSR	0	0	737	263	11	0	0	0.00	0.52	0
CO-654616794+	CO10531	10.11	18 1-	2ACSR	0	0	742	263	116	7	4	0.00	0.53	0
CO10573+	CO-654616794	10.18	15 1-	2ACSR	0	0	737	263	83	5	3	0.01	0.53	0
CO10638+	CO10573	10.35	14 1-	2ACSR	0	0	723	261	82	5	3	0.01	0.55	0
CO10641+	CO10638	10.43	9 1-	2ACSR	0	0	717	261	66	4	2	0.01	0.55	0
CO10642+	CO10641	10.54	8 1-	2ACSR	0	0	708	259	62	4	2	0.01	0.56	0
CO10551+	CO10642	10.65	1 1-	4ACSR	0	0	699	258	2	0	0	0.00	0.56	0
CO10550+	CO10642	10.68	1 1-	4ACSR	0	0	696	258	18	1	1	0.00	0.56	0
CO10574+	CO10642	10.56	6 1-	2ACSR	0	0	708	259	41	2	2	0.00	0.56	0
CO10575+	CO10574	10.70	6 1-	2ACSR	0	0	697	258	41	2	2	0.01	0.57	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10532+	CO10575	10.80	6 1-	2ACSR	0	0	690	257	41	2	2	0.00	0.57	0
CO10614+	CO10532	10.90	1 1-	4ACSR	0	0	681	256	16	1	1	0.00	0.57	0
CO10615+	CO10614	10.95	1 1-	4ACSR	0	0	677	255	16	1	1	0.00	0.57	0
CO10533+	CO10532	10.90	4 1-	2ACSR	0	0	683	256	15	1	1	0.00	0.57	0
CO10643+	CO10533	11.04	2 1-	2ACSR	0	0	674	255	9	0	0	0.00	0.57	0
CO10644+	CO10643	11.08	1 1-	2ACSR	0	0	671	255	1	0	0	0.00	0.57	0
CO10645+	CO10644	11.12	0 1-	2ACSR	0	0	668	254	0	0	0	0.00	0.57	0
CO10553+	CO10533	11.02	2 1-	4ACSR	0	0	673	255	6	0	0	0.00	0.57	0
CO10552+	CO10575	10.83	0 1-	4ACSR	0	0	685	256	0	0	0	0.00	0.57	0
CO10639+	CO10638	10.41	4 1-	4ACSR	0	0	717	260	14	0	1	0.00	0.55	0
OC1144357358+	CO10639	10.41	4 1-	20 N FUSE	0	0	717	260	14	0	5	0.00	0.55	0
CO10640+	OC1144357358	10.63	4 1-	4ACSR	0	0	696	258	14	0	1	0.00	0.55	0
CO10577+	CO10640	10.99	4 1-	4ACSR	0	0	665	253	14	0	1	0.01	0.56	0
CO10660+	CO10577	11.08	2 1-	4ACSR	0	0	657	252	10	0	0	0.00	0.56	0
CO10661+	CO10660	11.18	0 1-	4ACSR	0	0	649	251	0	0	0	0.00	0.56	0
CO10549+	CO10660	11.22	1 1-	4ACSR	0	0	646	250	5	0	0	0.00	0.56	0
CO10578+	CO10577	11.27	2 1-	4ACSR	0	0	642	250	3	0	0	0.00	0.56	0
CO10632+	CO10578	11.50	2 1-	4ACSR	0	0	624	247	3	0	0	0.00	0.56	0
CO10633+	CO10632	11.54	1 1-	4ACSR	0	0	621	246	3	0	0	0.00	0.56	0
CO10579+	CO10633	11.73	1 1-	4ACSR	0	0	607	244	3	0	0	0.00	0.56	0
CO10548+	CO10638	10.44	0 1-	4ACSR	0	0	714	260	0	0	0	0.00	0.55	0
CO10651+	CO-654616794	10.20	3 1-	4ACSR	0	0	733	262	33	2	2	0.00	0.53	0
CO-1308609341+	CO10651	10.23	1 1-	2ACSR	0	0	730	262	15	0	1	0.00	0.53	0
CO10652+	CO10651	10.32	1 1-	4ACSR	0	0	720	261	13	0	1	0.00	0.53	0
CO10547+	CO10595	10.13	1 1-	4ACSR	0	0	738	263	1	0	0	0.00	0.52	0
CO10570+	CO10542	9.88	1 1-	4ACSR	0	0	759	265	10	0	0	0.00	0.49	0
CO10569+	CO10593	9.85	1 1-	4ACSR	0	0	761	266	3	0	0	0.00	0.48	0
CO10543+	CO10670	9.82	6 1-	4ACSR	0	0	759	265	9	0	0	0.00	0.44	0
CO10545+	CO10543	9.96	6 1-	4ACSR	0	0	744	263	9	0	0	0.00	0.44	0
OC-949620761+	CO10545	9.96	6 1-	20 N FUSE	0	0	744	263	9	0	3	0.00	0.44	0
CO10568+	OC-949620761	10.02	0 1-	4ACSR	0	0	738	262	0	0	0	0.00	0.44	0
CO10601+	OC-949620761	10.06	6 1-	4ACSR	0	0	733	262	9	0	0	0.00	0.45	0
CO10602+	CO10601	10.21	6 1-	4ACSR	0	0	718	260	9	0	0	0.00	0.45	0
CO10603+	CO10602	10.29	4 1-	4ACSR	0	0	711	259	6	0	0	0.00	0.45	0
CO10604+	CO10603	10.41	4 1-	4ACSR	0	0	699	257	6	0	0	0.00	0.45	0
CO10605+	CO10604	10.48	4 1-	4ACSR	0	0	693	256	6	0	0	0.00	0.45	0
CO10606+	CO10605	10.59	4 1-	4ACSR	0	0	683	255	6	0	0	0.00	0.45	0
CO10607+	CO10606	10.76	4 1-	4ACSR	0	0	668	253	6	0	0	0.00	0.45	0
CO10608+	CO10607	11.08	3 1-	4ACSR	0	0	642	249	5	0	0	0.00	0.45	0
CO10609+	CO10608	11.17	2 1-	4ACSR	0	0	635	248	5	0	0	0.00	0.45	0
CO10610+	CO10609	11.31	2 1-	4ACSR	0	0	624	246	5	0	0	0.00	0.46	0
CO10611+	CO10610	11.37	1 1-	4ACSR	0	0	619	245	3	0	0	0.00	0.46	0
CO10544+	CO10543	9.91	0 1-	4ACSR	0	0	749	264	0	0	0	0.00	0.44	0
CO10596+	CO10544	10.03	0 1-	4ACSR	0	0	736	262	0	0	0	0.00	0.44	0
CO10597+	CO10596	10.32	0 1-	4ACSR	0	0	708	258	0	0	0	0.00	0.44	0
CO10598+	CO10597	10.48	0 1-	4ACSR	0	0	693	256	0	0	0	0.00	0.44	0
CO10567+	CO10544	9.94	0 1-	4ACSR	0	0	746	263	0	0	0	0.00	0.44	0
CO10599+	CO10543	9.91	0 1-	4ACSR	0	0	749	264	0	0	0	0.00	0.44	0
CO10600+	CO10599	10.22	0 1-	4ACSR	0	0	717	260	0	0	0	0.00	0.44	0
CO10669+	CO10530	9.45	1 1-	4ACSR	0	0	796	269	6	0	0	0.00	0.41	0
CO10612+	CO10657	9.30	1 1-	4ACSR	0	0	811	271	3	0	0	0.00	0.38	0
CO10613+	CO10612	9.37	1 1-	4ACSR	0	0	802	270	3	0	0	0.00	0.38	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10668+	CO10657	9.32	2 1-	4ACSR	0	0	809	271	16	1	1	0.00	0.38	0
CO10546+	CO10572	9.15	1 1-	4ACSR	0	0	826	272	0	0	0	0.00	0.35	0
CO12135+	CO12128	8.67	1 1-	4ACSR	0	0	876	277	8	0	0	0.00	0.25	0
OC886271834+	CO12135	8.67	1 1-	20 N FUSE	0	0	876	277	8	0	3	0.00	0.25	0
CO12136+	OC886271834	8.69	0 1-	4ACSR	0	0	874	277	0	0	0	0.00	0.25	0
CO11966+	CO12136	8.74	0 1-	4ACSR	0	0	866	276	0	0	0	0.00	0.25	0
CO12137+	CO12136	8.75	0 1-	4ACSR	0	0	865	276	0	0	0	0.00	0.25	0
CO11994+	OC886271834	8.73	1 1-	2ACSR	0	0	870	277	8	0	0	0.00	0.25	0
CO1843891489+	CO-1853216105	8.35	402 3-	2ACSR	1230	1178	917	281	2137	47	26	0.13	0.28	463
CO-1188494446+	CO1843891489	8.40	402 3-	2ACSR	1222	1171	911	281	2135	47	26	0.03	0.30	100
CO11967+	CO-1188494446	8.63	1 1-	4ACSR	0	0	876	277	10	0	0	0.00	0.31	0
OC1232528322+	CO11967	8.63	0 1-	20 N FUSE	0	0	876	277	0	0	0	0.00	0.31	0
CO12123+	CO-1188494446	8.40	401 3-	1/0ACSR	1221	1170	911	281	2125	47	20	0.00	0.31	8
OC338+	CO12123	8.40	401 3-	70 L OCR	1221	1170	911	281	2125	47	67	0.00	0.31	0
CO-310883991+	OC338	8.46	401 3-	2ACSR	1211	1161	904	280	2125	47	26	0.03	0.34	115
CO12013+	CO-310883991	8.95	2 1-	4ACSR	0	0	834	273	1	0	0	0.00	0.34	0
OC1516473073+	CO12013	8.95	2 1-	20 N FUSE	0	0	834	273	1	0	0	0.00	0.34	0
CO12014+	OC1516473073	9.05	2 1-	4ACSR	0	0	822	271	1	0	0	0.00	0.34	0
CO12015+	CO12014	9.44	1 1-	4ACSR	0	0	776	266	0	0	0	0.00	0.34	0
CO-2078506065+	CO-310883991	8.60	399 3-	2ACSR	1189	1141	888	278	2123	47	26	0.08	0.42	276
CO1643462327+	CO-2078506065	8.66	399 3-	2ACSR	1181	1133	881	278	2122	47	26	0.03	0.45	114
CO-2079112698+	CO1643462327	8.88	399 3-	2ACSR	1147	1102	857	276	2122	47	26	0.13	0.58	447
CO384304932+	CO-2079112698	9.04	398 3-	2ACSR	1124	1080	840	274	2119	47	26	0.09	0.67	325
CO11969+	CO384304932	9.20	0 1-	4ACSR	0	0	819	272	0	0	0	0.00	0.67	0
CO-2011873102+	CO384304932	9.05	398 3-	2ACSR	1123	1079	839	274	2118	47	26	0.01	0.68	18
CO-578658216+	CO-2011873102	9.21	398 3-	2ACSR	1100	1057	822	272	2118	47	26	0.10	0.77	337
CO665368381+	CO-578658216	9.34	398 3-	2ACSR	1083	1041	809	271	2116	47	26	0.08	0.85	264
CO317786466+	CO665368381	9.40	398 3-	2ACSR	1075	1034	804	270	2115	47	26	0.03	0.88	114
CO-1279993420+	CO317786466	9.42	398 3-	2ACSR	1073	1032	802	270	2115	47	26	0.01	0.89	33
CO-880402422+	CO-1279993420	9.53	398 3-	2ACSR	1059	1019	792	269	2114	47	26	0.06	0.95	222
CO-1870681441+	CO-880402422	9.53	315 3-	2ACSR	1058	1018	792	269	1666	37	21	0.00	0.96	8
CO767400853+	CO-1870681441	9.62	293 3-	2ACSR	1047	1008	783	268	1513	33	19	0.04	0.99	93
CO1088415086+	CO767400853	10.18	293 3-	2ACSR	983	948	736	263	1513	33	19	0.23	1.22	576
CO1535825041+	CO1088415086	10.29	293 3-	2ACSR	971	937	727	262	1510	33	19	0.04	1.26	113
CO-2048359733+	CO1535825041	10.62	293 3-	2ACSR	937	905	703	259	1510	33	19	0.13	1.40	339
CO-1239129141+	CO-2048359733	10.77	288 3-	2ACSR	923	892	692	258	1493	33	18	0.06	1.45	147
CO1592769445+	CO-1239129141	10.87	288 3-	2ACSR	914	883	685	257	1492	33	18	0.04	1.49	102
CO12096+	CO1592769445	11.04	3 1-	4ACSR	0	0	670	254	3	0	0	0.00	1.50	0
OC-887351234+	CO12096	11.04	2 1-	20 N FUSE	0	0	670	254	3	0	1	0.00	1.50	0
CO12097+	OC-887351234	11.24	2 1-	4ACSR	0	0	654	252	3	0	0	0.00	1.50	0
CO12027+	CO12097	11.33	2 1-	4ACSR	0	0	646	251	3	0	0	0.00	1.50	0
CO12098+	CO12027	11.37	1 1-	4ACSR	0	0	643	250	1	0	0	0.00	1.50	0
CO12099+	CO12098	11.52	1 1-	4ACSR	0	0	632	249	1	0	0	0.00	1.50	0
CO-619036140+	CO1592769445	11.20	285 3-	2ACSR	883	854	663	254	1489	33	18	0.13	1.63	339
XFMR346	CO-619036140	11.20	285 3-	500 KVA 1PH AUT	924	868	778	162	1487	33	96	0.05	1.69	0
CO12028	XFMR346	11.32	1 1-	4ACSR	0	0	755	161	9	1	1	0.01	1.70	0
CO17132	CO12028	11.51	1 1-	4ACSR	0	0	722	159	9	1	1	0.01	1.72	0
CO13385	CO17132	11.74	1 1-	6ACWC	0	0	684	157	9	1	1	0.01	1.72	0
CO-1304761795	XFMR346	11.33	284 3-	2ACSR	905	850	758	161	1478	66	37	0.19	1.88	491
CO12132	CO-1304761795	11.36	224 3-	1/0ACSR	900	846	754	161	1180	52	23	0.03	1.91	58
CO11992	CO12132	11.38	1 1-	2ACSR	0	0	751	161	8	1	1	0.00	1.92	0
CO-878693716	CO12132	11.89	223 3-	2ACSR	825	777	681	158	1172	52	29	0.62	2.53	1318

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
CO-1193258934	CO-878693716	11.92	223 3-	2ACSR	822	774	677	157	1166	52	29	0.03	2.56	72	
CO-1240420333	CO-1193258934	12.03	223 3-	2ACSR	807	761	663	157	1166	52	29	0.13	2.69	285	
	CO13425	CO-1240420333	12.05	223 3-	1/0ACSR	804	758	661	157	1165	52	23	0.02	2.71	39
	CO13423	CO13425	12.08	223 3-	1/0ACSR	802	756	658	156	1164	52	23	0.02	2.73	40
CO-1497565019	CO13423	12.15	217 3-	2ACSR	793	748	650	156	1124	50	28	0.08	2.81	161	
CO-1649253182	CO-1497565019	12.17	216 3-	2ACSR	790	745	647	156	1119	50	28	0.03	2.84	61	
	CO1652835023	CO-1649253182	12.22	0 1-	2ACSR	0	0	642	156	0	0	0.00	2.85	0	
	CO-251038377	CO-1649253182	12.23	216 3-	2ACSR	783	738	641	155	1119	50	28	0.07	2.90	134
	CO23622911	CO-251038377	12.38	214 3-	2ACSR	765	722	624	155	1108	50	28	0.17	3.07	346
	CO13366	CO23622911	12.69	2 1-	6ACWC	0	0	585	152	10	1	1	0.02	3.10	0
OC-756084245		CO13366	12.69	2 1-	20 N FUSE	0	0	585	152	10	1	7	0.00	3.10	0
	CO13388	OC-756084245	12.80	1 1-	6ACWC	0	0	573	151	7	0	1	0.00	3.10	0
	CO13387	OC-756084245	12.88	1 1-	6ACWC	0	0	563	150	3	0	0	0.00	3.10	0
	CO13430	CO23622911	12.67	5 1-	4ACSR	0	0	588	152	13	1	1	0.02	3.09	0
OC292798951		CO13430	12.67	3 1-	20 N FUSE	0	0	588	152	10	1	7	0.00	3.09	0
	CO13431	OC292798951	12.75	3 1-	4ACSR	0	0	578	151	10	1	1	0.01	3.09	0
	CO13398	CO13431	12.82	3 1-	2ACSR	0	0	571	151	10	1	1	0.00	3.10	0
	CO13390	CO13398	12.87	3 1-	4ACSR	0	0	566	150	10	1	1	0.00	3.10	0
	CO30662	CO13390	12.91	2 1-	4ACSR	0	0	561	150	10	1	1	0.00	3.10	0
	CO13389	CO30662	12.96	1 1-	4ACSR	0	0	555	150	0	0	0	0.00	3.10	0
CO-827223594		CO23622911	12.61	207 3-	2ACSR	739	698	600	153	1084	49	27	0.25	3.32	503
	CO13515	CO-827223594	12.66	207 3-	1/0ACSR	734	694	596	153	1082	49	21	0.04	3.36	73
	CO668338916	CO13515	12.98	206 3-	2ACSR	701	663	566	151	1081	49	27	0.35	3.70	698
CO-118966892		CO668338916	13.21	206 3-	2ACSR	679	643	546	150	1078	49	27	0.25	3.95	498
	CO13506	CO-118966892	13.27	173 3-	1/0ACSR	673	638	541	149	895	41	18	0.04	3.99	67
	CO2064600554	CO13506	13.71	173 3-	2ACSR	635	602	507	147	894	41	23	0.38	4.37	674
CO-1776761602		CO2064600554	14.04	163 3-	2ACSR	608	578	484	145	827	38	21	0.26	4.63	440
	CO2112484479	CO-1776761602	14.23	163 3-	2ACSR	594	565	472	144	825	38	21	0.15	4.78	248
	CO604407734	CO2112484479	14.33	162 3-	2ACSR	586	558	466	143	821	38	21	0.08	4.86	136
CO-260507057		CO604407734	14.63	162 3-	2ACSR	565	538	447	142	821	38	21	0.24	5.10	407
	CO13395	CO-260507057	14.67	1 1-	4ACSR	0	0	445	141	3	0	0	0.00	5.11	0
OC1870286430		CO13395	14.67	0 1-	20 N FUSE	0	0	445	141	0	0	0	0.00	5.11	0
	CO994778840	CO-260507057	14.74	161 3-	2ACSR	557	531	441	141	816	38	21	0.08	5.18	141
	CO17094	CO994778840	15.19	0 1-	4ACSR	0	0	412	138	0	0	0	0.00	5.19	0
	CO13583	CO17094	15.28	0 1-	4ACSR	0	0	406	137	0	0	0	0.00	5.19	0
	CO13582	CO17094	15.28	0 1-	4ACSR	0	0	406	137	0	0	0	0.00	5.19	0
CO-753821881		CO994778840	14.83	161 3-	2ACSR	551	526	436	141	815	38	21	0.07	5.25	121
CO2069782642		CO-753821881	15.08	161 3-	2ACSR	536	511	423	139	815	38	21	0.19	5.45	325
	CO13555	CO2069782642	15.12	1 1-	4ACSR	0	0	420	139	1	0	0	0.00	5.46	0
OC-1898752221		CO13555	15.12	0 1-	20 N FUSE	0	0	420	139	0	0	0	0.00	5.46	0
	CO13554	CO2069782642	15.15	1 1-	4ACSR	0	0	419	139	5	0	0	0.00	5.46	0
OC990428307		CO13554	15.15	0 1-	20 N FUSE	0	0	419	139	0	0	0	0.00	5.46	0
	CO13530	CO2069782642	15.11	159 3-	1/0ACSR	534	510	422	139	807	37	16	0.01	5.46	26
CO1749697684		CO13530	15.30	159 3-	2ACSR	523	499	412	138	807	37	21	0.15	5.61	251
	CO13703	CO1749697684	15.31	31 1-	4ACSR	0	0	412	138	134	18	14	0.01	5.62	0
	OC394	CO13703	15.31	31 1-	15 H OCR	0	0	412	138	134	18	126	0.00	5.62	0
	CO13704	OC394	15.39	31 1-	4ACSR	0	0	407	137	134	18	14	0.07	5.70	16
	CO13654	CO13704	15.56	31 1-	4ACSR	0	0	397	136	134	18	14	0.13	5.83	30
	CO13710	CO13654	15.71	29 1-	4ACSR	0	0	388	135	125	17	13	0.12	5.95	25
	CO13650	CO13710	15.81	4 1-	4ACSR	0	0	383	134	19	2	2	0.01	5.96	0
	CO13649	CO13650	15.91	3 1-	4ACSR	0	0	378	134	17	2	2	0.01	5.97	0
	CO13655	CO13649	16.08	3 1-	4ACSR	0	0	369	133	17	2	2	0.01	5.99	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13656	CO13655	16.12	1 1-	4ACSR	0	0	367	132	6	0	1	0.00	5.99	0
CO13657	CO13710	15.89	25 1-	4ACSR	0	0	378	134	105	14	11	0.12	6.07	21
CO13658	CO13657	16.23	24 1-	4ACSR	0	0	361	132	100	14	10	0.21	6.28	36
CO13550	CO13658	16.58	21 1-	4ACSR	0	0	345	129	91	12	9	0.20	6.49	31
CO13549	CO13550	16.65	20 1-	4ACSR	0	0	342	129	76	10	8	0.04	6.52	5
CO13659	CO13549	16.70	15 1-	4ACSR	0	0	339	128	42	5	4	0.01	6.53	0
CO13660	CO13659	16.75	14 1-	4ACSR	0	0	338	128	33	4	3	0.01	6.54	0
CO-1155855304	CO13660	16.84	1 1-	2ACSR	0	0	335	128	0	0	0	0.00	6.54	0
CO13548	CO13660	17.17	11 1-	4ACSR	0	0	320	126	24	3	2	0.06	6.61	3
CO13547	CO13548	17.39	9 1-	4ACSR	0	0	312	124	21	2	2	0.02	6.63	0
CO13574	CO13547	17.50	1 1-	4ACSR	0	0	308	124	3	0	0	0.00	6.63	0
CO13622	CO13547	17.47	6 1-	4ACSR	0	0	309	124	12	1	1	0.01	6.64	0
CO13621	CO13622	17.50	6 1-	4ACSR	0	0	308	124	12	1	1	0.00	6.64	0
CO13546	CO13621	17.61	6 1-	4ACSR	0	0	304	123	12	1	1	0.01	6.65	0
CO13641	CO13546	17.69	5 1-	4ACSR	0	0	301	122	10	1	1	0.00	6.65	0
CO13640	CO13641	17.71	5 1-	4ACSR	0	0	301	122	10	1	1	0.00	6.65	0
CO13661	CO13640	17.90	4 1-	4ACSR	0	0	294	121	9	1	1	0.01	6.67	0
CO13662	CO13661	17.95	2 1-	4ACSR	0	0	293	121	9	1	1	0.00	6.67	0
CO13573	CO13546	17.91	1 1-	4ACSR	0	0	294	121	2	0	0	0.00	6.65	0
CO13545	CO13621	17.88	0 1-	4ACSR	0	0	295	121	0	0	0	0.00	6.64	0
CO13572	CO13545	18.07	0 1-	4ACSR	0	0	289	120	0	0	0	0.00	6.64	0
CO13663	CO13545	17.95	0 1-	4ACSR	0	0	292	121	0	0	0	0.00	6.64	0
CO13664	CO13663	17.97	0 1-	4ACSR	0	0	292	121	0	0	0	0.00	6.64	0
CO13643	CO13548	17.34	2 1-	4ACSR	0	0	314	125	2	0	0	0.00	6.61	0
CO13642	CO13643	17.38	2 1-	4ACSR	0	0	312	124	2	0	0	0.00	6.61	0
CO13576	CO13642	17.47	1 1-	4ACSR	0	0	309	124	2	0	0	0.00	6.61	0
CO13575	CO13642	17.42	1 1-	4ACSR	0	0	311	124	1	0	0	0.00	6.61	0
CO13577	CO13660	16.82	2 1-	4ACSR	0	0	335	128	9	1	1	0.00	6.54	0
CO13646	CO13549	16.79	5 1-	4ACSR	0	0	336	128	33	4	3	0.03	6.55	0
CO13692	CO13646	16.82	5 1-	4ACSR	0	0	335	128	33	4	3	0.00	6.55	0
CO13645	CO13692	16.83	2 1-	4ACSR	0	0	334	128	10	1	1	0.00	6.56	0
CO13644	CO13645	16.88	2 1-	4ACSR	0	0	332	127	10	1	1	0.00	6.56	0
CO13579	CO13550	16.67	1 1-	4ACSR	0	0	341	129	16	2	2	0.00	6.49	0
CO13578	CO13550	16.63	0 1-	4ACSR	0	0	343	129	0	0	0	0.00	6.49	0
CO13581	CO13658	16.28	1 1-	4ACSR	0	0	359	131	5	0	1	0.00	6.29	0
CO13625	CO13658	16.41	2 1-	4ACSR	0	0	353	130	3	0	0	0.00	6.29	0
CO13589	CO13625	16.45	1 1-	2ACSR	0	0	351	130	3	0	0	0.00	6.29	0
CO13624	CO13625	16.51	0 1-	4ACSR	0	0	348	130	0	0	0	0.00	6.29	0
CO13623	CO13624	16.77	0 1-	4ACSR	0	0	336	128	0	0	0	0.00	6.29	0
CO13648	CO13623	16.89	0 1-	4ACSR	0	0	331	127	0	0	0	0.00	6.29	0
CO13647	CO13648	16.99	0 1-	4ACSR	0	0	327	127	0	0	0	0.00	6.29	0
CO13580	CO13623	16.85	0 1-	4ACSR	0	0	333	128	0	0	0	0.00	6.29	0
CO-973969714	CO1749697684	15.47	128 3-	2ACSR	513	490	404	137	671	31	18	0.10	5.71	158
CO13699	CO-973969714	15.48	33 1-	4ACSR	0	0	404	137	178	25	18	0.01	5.72	2
OC392	CO13699	15.48	33 1-	25 H OCR	0	0	404	137	178	25	100	0.00	5.72	0
CO13700	OC392	15.62	33 1-	4ACSR	0	0	396	136	178	25	18	0.15	5.87	46
CO13665	CO13700	15.65	33 1-	4ACSR	0	0	394	136	178	25	18	0.04	5.91	11
CO13666	CO13665	15.82	32 1-	4ACSR	0	0	384	135	170	23	17	0.19	6.09	53
CO13533	CO13666	16.01	11 1-	4ACSR	0	0	374	133	39	5	4	0.05	6.14	3
CO13534	CO13533	16.14	11 1-	4ACSR	0	0	367	132	39	5	4	0.03	6.17	2
CO13633	CO13534	16.26	2 1-	4ACSR	0	0	361	132	16	2	2	0.01	6.18	0
CO13632	CO13633	16.41	1 1-	4ACSR	0	0	354	131	8	1	1	0.00	6.19	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13595	CO13534	16.32	9 1-	4ACSR	0	0	359	131	23	3	2	0.02	6.20	0
CO13594	CO13595	16.59	9 1-	4ACSR	0	0	346	130	23	3	2	0.04	6.24	0
CO13379	CO13594	16.73	1 1-	4ACSR	0	0	340	129	0	0	0	0.00	6.24	0
CO13597	CO13594	16.72	5 1-	4ACSR	0	0	340	129	18	2	2	0.01	6.25	0
CO13596	CO13597	16.78	4 1-	4ACSR	0	0	338	128	16	2	2	0.01	6.26	0
CO13668	CO13596	16.83	4 1-	4ACSR	0	0	336	128	16	2	2	0.00	6.26	0
CO17093	CO13668	17.02	3 1-	4ACSR	0	0	328	127	16	2	2	0.02	6.28	0
CO13497	CO17093	17.06	3 1-	4ACSR	0	0	326	127	16	2	2	0.00	6.28	0
CO13496	CO13497	17.50	2 1-	4ACSR	0	0	309	124	4	0	0	0.01	6.29	0
CO13631	CO13594	16.69	2 1-	4ACSR	0	0	342	129	4	0	0	0.00	6.24	0
CO13630	CO13631	16.72	1 1-	4ACSR	0	0	340	129	4	0	0	0.00	6.24	0
CO13557	CO13533	16.08	0 1-	4ACSR	0	0	371	133	0	0	0	0.00	6.14	0
CO13532	CO13666	15.89	21 1-	4ACSR	0	0	380	134	131	18	13	0.06	6.15	13
CO13593	CO13532	16.00	20 1-	4ACSR	0	0	375	133	124	17	12	0.08	6.23	17
CO13667	CO13593	16.02	20 1-	4ACSR	0	0	374	133	124	17	12	0.02	6.25	3
CO17092	CO13667	16.13	19 1-	4ACSR	0	0	368	133	121	17	12	0.08	6.33	17
CO13487	CO17092	16.20	17 1-	4ACSR	0	0	364	132	107	15	11	0.05	6.38	9
CO13374	CO13487	16.28	1 1-	4ACSR	0	0	361	132	0	0	0	0.00	6.38	0
CO13360	CO13487	16.26	16 1-	4ACSR	0	0	362	132	107	15	11	0.03	6.42	6
CO13376	CO13360	16.34	0 1-	4ACSR	0	0	358	131	0	0	0	0.00	6.42	0
CO13375	CO13360	16.30	2 1-	4ACSR	0	0	360	131	21	2	2	0.00	6.42	0
CO13488	CO13360	16.47	14 1-	4ACSR	0	0	352	130	85	12	9	0.11	6.53	16
CO59650245	CO13488	16.61	12 1-	2ACSR	0	0	347	130	81	11	6	0.05	6.58	7
CO1453384382	CO59650245	16.66	1 1-	2ACSR	0	0	345	129	9	1	1	0.00	6.58	0
CO70533784	CO59650245	16.64	11 1-	2ACSR	0	0	346	130	72	10	6	0.01	6.59	0
CO13361	CO70533784	16.77	10 1-	4ACSR	0	0	340	129	70	9	7	0.06	6.64	7
CO13378	CO13361	16.82	2 1-	4ACSR	0	0	338	128	12	1	1	0.00	6.65	0
CO13490	CO13361	16.78	8 1-	4ACSR	0	0	339	129	58	8	6	0.00	6.65	0
CO13495	CO13490	16.95	4 1-	4ACSR	0	0	332	128	34	4	3	0.03	6.68	0
CO13494	CO13495	17.16	3 1-	4ACSR	0	0	324	126	29	4	3	0.03	6.71	0
CO13493	CO13494	17.23	2 1-	4ACSR	0	0	321	126	17	2	2	0.01	6.72	0
CO13492	CO13493	17.37	1 1-	4ACSR	0	0	316	125	14	1	1	0.01	6.73	0
CO13491	CO13492	17.46	1 1-	4ACSR	0	0	312	124	14	1	1	0.00	6.74	0
CO13377	CO70533784	16.73	1 1-	4ACSR	0	0	341	129	2	0	0	0.00	6.59	0
CO13556	CO13532	15.96	1 1-	4ACSR	0	0	377	134	7	1	1	0.00	6.15	0
CO13535	CO-973969714	15.53	95 3-	1/0ACSR	510	488	402	137	493	23	10	0.02	5.74	18
CO13701	CO13535	15.54	91 3-	1/0ACSR	510	487	401	137	478	22	10	0.00	5.74	0
OC393	CO13701	15.54	91 3-	15 H OCR	510	487	401	137	478	22	150	0.00	5.74	0
CO13702	OC393	15.60	91 3-	1/0ACSR	507	485	399	137	478	22	10	0.02	5.76	18
CO13669	CO13702	15.75	90 3-	1/0ACSR	501	478	393	136	478	22	10	0.06	5.82	44
CO13600	CO13669	15.88	88 3-	1/0ACSR	495	473	388	136	473	22	10	0.05	5.87	37
CO13599	CO13600	15.91	87 3-	1/0ACSR	494	472	387	136	468	22	10	0.01	5.88	8
CO399039947	CO13599	15.94	87 3-	1/0ACSR	493	471	385	135	468	22	10	0.01	5.90	10
CO-1596632197	CO399039947	16.13	86 3-	1/0ACSR	485	463	378	135	465	21	10	0.07	5.97	52
CO13537	CO-1596632197	16.22	31 1-	4ACSR	0	0	373	134	134	18	14	0.08	6.06	18
CO13602	CO13537	16.34	28 1-	4ACSR	0	0	368	133	129	18	13	0.09	6.15	20
CO13601	CO13602	16.37	28 1-	4ACSR	0	0	366	133	128	18	13	0.02	6.17	5
CO13538	CO13601	16.39	26 1-	4ACSR	0	0	365	133	116	16	12	0.02	6.19	3
CO13670	CO13538	16.49	24 1-	4ACSR	0	0	360	132	98	13	10	0.06	6.25	10
CO13671	CO13670	16.58	23 1-	4ACSR	0	0	356	132	98	13	10	0.06	6.31	10
CO13637	CO13671	16.87	2 1-	4ACSR	0	0	343	130	8	1	1	0.02	6.32	0
CO13636	CO13637	16.89	2 1-	4ACSR	0	0	342	130	8	1	1	0.00	6.33	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13564	CO13636	16.93	0 1-	4ACSR	0	0	340	129	0	0	0	0.00	6.33	0
CO13565	CO13637	16.92	0 1-	4ACSR	0	0	341	129	0	0	0	0.00	6.32	0
CO13672	CO13671	16.64	20 1-	4ACSR	0	0	353	131	87	12	9	0.03	6.34	5
CO13673	CO13672	16.71	19 1-	4ACSR	0	0	350	131	86	12	9	0.04	6.38	5
CO13674	CO13673	16.79	18 1-	4ACSR	0	0	346	130	83	11	8	0.04	6.42	6
CO13603	CO13674	16.82	18 1-	4ACSR	0	0	345	130	83	11	8	0.02	6.43	0
CO13675	CO13603	16.93	18 1-	4ACSR	0	0	340	129	83	11	8	0.06	6.49	8
CO13676	CO13675	17.00	18 1-	4ACSR	0	0	337	129	83	11	8	0.04	6.53	5
CO13539	CO13676	17.17	16 1-	4ACSR	0	0	330	128	66	9	7	0.07	6.60	8
CO13540	CO13539	17.33	16 1-	4ACSR	0	0	324	127	66	9	7	0.07	6.67	7
CO13569	CO13540	17.43	1 1-	4ACSR	0	0	320	126	7	1	1	0.00	6.67	0
CO13541	CO13540	17.47	15 1-	4ACSR	0	0	318	126	58	8	6	0.05	6.72	5
CO13677	CO13541	17.54	14 1-	4ACSR	0	0	316	125	58	8	6	0.02	6.75	2
OC286912396	CO13677	17.54	13 1-	20 N FUSE	0	0	316	125	57	8	41	0.00	6.75	0
CO13678	OC286912396	17.88	13 1-	4ACSR	0	0	303	123	57	8	6	0.13	6.87	12
CO17151	CO13678	18.10	13 1-	4ACSR	0	0	296	122	57	8	6	0.08	6.95	8
CO13871	CO17151	18.20	12 1-	4ACSR	0	0	293	121	56	7	6	0.04	6.99	3
CO13872	CO13871	18.27	12 1-	4ACSR	0	0	290	121	56	7	6	0.02	7.01	2
CO13803	CO13872	18.35	1 1-	4ACSR	0	0	288	121	8	1	1	0.00	7.01	0
CO13817	CO13872	18.33	11 1-	4ACSR	0	0	288	121	48	6	5	0.02	7.03	0
CO13880	CO13817	18.46	9 1-	4ACSR	0	0	284	120	41	5	4	0.03	7.06	0
CO13879	CO13880	18.51	8 1-	4ACSR	0	0	283	120	30	4	3	0.01	7.07	0
CO13881	CO13879	18.56	7 1-	4ACSR	0	0	281	119	29	4	3	0.01	7.08	0
CO13804	CO13881	18.69	3 1-	4ACSR	0	0	278	119	15	2	2	0.01	7.08	0
CO13844	CO13881	18.80	4 1-	4ACSR	0	0	274	118	14	1	1	0.02	7.10	0
CO13845	CO13844	19.02	4 1-	4ACSR	0	0	268	117	14	1	1	0.02	7.12	0
CO13846	CO13845	19.06	4 1-	4ACSR	0	0	267	117	14	1	1	0.00	7.12	0
CO13847	CO13846	19.35	4 1-	4ACSR	0	0	259	115	14	1	1	0.03	7.15	0
OC1652324687	CO13847	19.35	4 1-	20 N FUSE	0	0	259	115	14	1	10	0.00	7.15	0
CO13848	OC1652324687	19.49	4 1-	4ACSR	0	0	256	114	14	1	1	0.01	7.16	0
CO13849	CO13848	19.55	4 1-	4ACSR	0	0	254	114	14	1	1	0.00	7.16	0
CO13850	CO13849	19.63	3 1-	4ACSR	0	0	252	114	6	0	1	0.00	7.17	0
CO13823	CO13850	19.67	2 1-	4ACSR	0	0	251	114	6	0	1	0.00	7.17	0
CO13824	CO13823	19.76	1 1-	4ACSR	0	0	249	113	3	0	0	0.00	7.17	0
CO13854	CO13850	19.68	1 1-	4ACSR	0	0	251	114	0	0	0	0.00	7.17	0
CO13855	CO13854	19.79	0 1-	4ACSR	0	0	249	113	0	0	0	0.00	7.17	0
CO13856	CO13855	19.92	0 1-	4ACSR	0	0	245	112	0	0	0	0.00	7.17	0
CO13606	CO13541	17.66	1 1-	4ACSR	0	0	311	125	0	0	0	0.00	6.72	0
CO13708	CO13606	18.16	1 1-	4ACSR	0	0	294	122	0	0	0	0.00	6.72	0
CO13620	CO13708	18.29	1 1-	4ACSR	0	0	290	121	0	0	0	0.00	6.72	0
CO13619	CO13620	18.40	1 1-	4ACSR	0	0	286	120	0	0	0	0.00	6.72	0
CO13568	CO13539	17.28	0 1-	4ACSR	0	0	326	127	0	0	0	0.00	6.60	0
CO13567	CO13676	17.12	0 1-	4ACSR	0	0	332	128	0	0	0	0.00	6.53	0
CO13566	CO13676	17.10	2 1-	4ACSR	0	0	333	128	17	2	2	0.01	6.54	0
CO13605	CO13603	16.91	0 1-	4ACSR	0	0	341	129	0	0	0	0.00	6.43	0
CO13604	CO13605	17.19	0 1-	4ACSR	0	0	330	128	0	0	0	0.00	6.43	0
CO13563	CO13538	16.43	2 1-	4ACSR	0	0	363	133	18	2	2	0.00	6.19	0
CO13635	CO13601	16.41	2 1-	4ACSR	0	0	364	133	12	1	1	0.00	6.18	0
CO13634	CO13635	16.44	1 1-	4ACSR	0	0	362	133	3	0	0	0.00	6.18	0
CO13562	CO13537	16.34	3 1-	4ACSR	0	0	368	133	5	0	1	0.00	6.06	0
CO13536	CO-1596632197	16.23	55 3-	1/0ACSR	481	459	375	134	330	15	7	0.03	6.00	14
CO13561	CO13536	16.52	1 1-	4ACSR	0	0	360	132	14	1	1	0.01	6.02	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13679	CO13536	16.34	52 3-	1/0ACSR	477	455	371	134	314	14	6	0.03	6.02	14
CO-938409196	CO13679	16.37	0 1-	2ACSR	0	0	370	134	0	0	0	0.00	6.03	0
CO13680	CO13679	16.55	52 3-	1/0ACSR	469	448	363	133	314	14	6	0.05	6.08	26
CO13693	CO13680	16.59	51 3-	1/0ACSR	467	446	362	133	309	14	6	0.01	6.09	5
CO13681	CO13693	16.63	51 3-	1/0ACSR	466	445	361	133	309	14	6	0.01	6.10	5
CO13683	CO13681	16.68	51 3-	1/0ACSR	464	443	359	133	309	14	6	0.01	6.11	6
CO13682	CO13683	16.81	50 3-	1/0ACSR	459	439	355	132	304	14	6	0.03	6.14	15
CO13685	CO13682	17.08	49 3-	1/0ACSR	450	430	347	131	295	13	6	0.06	6.21	29
CO13684	CO13685	17.11	48 3-	1/0ACSR	449	429	346	131	287	13	6	0.01	6.21	3
CO13608	CO13684	17.24	4 1-	4ACSR	0	0	340	130	12	1	1	0.01	6.23	0
CO13609	CO13608	17.29	4 1-	4ACSR	0	0	338	130	12	1	1	0.00	6.24	0
CO13610	CO13609	17.46	4 1-	4ACSR	0	0	331	129	12	1	1	0.01	6.25	0
CO13588	CO13610	17.52	2 1-	2ACSR	0	0	329	128	3	0	0	0.00	6.25	0
CO13689	CO13610	17.55	2 1-	4ACSR	0	0	327	128	9	1	1	0.01	6.25	0
CO13688	CO13689	17.67	2 1-	4ACSR	0	0	323	127	9	1	1	0.01	6.26	0
CO13611	CO13688	17.78	2 1-	4ACSR	0	0	318	127	9	1	1	0.01	6.27	0
CO13612	CO13611	17.95	2 1-	4ACSR	0	0	312	126	9	1	1	0.01	6.28	0
CO13570	CO13612	18.02	2 1-	4ACSR	0	0	310	125	9	1	1	0.00	6.28	0
CO13697	CO13684	17.12	42 1-	4ACSR	0	0	345	131	265	37	27	0.01	6.23	5
OC390	CO13697	17.12	42 1-	35 H OCR	0	0	345	131	265	37	107	0.00	6.23	0
CO13698	OC390	17.25	42 1-	4ACSR	0	0	340	130	265	37	27	0.21	6.45	94
CO13615	CO13698	17.35	41 1-	4ACSR	0	0	335	130	253	36	26	0.17	6.62	71
CO13614	CO13615	17.44	41 1-	4ACSR	0	0	332	129	253	36	26	0.15	6.77	66
CO13613	CO13614	17.55	41 1-	4ACSR	0	0	327	128	253	36	26	0.17	6.94	70
CO13544	CO13613	17.59	39 1-	4ACSR	0	0	326	128	249	35	25	0.07	7.01	31
CO13616	CO13544	17.62	39 1-	4ACSR	0	0	325	128	249	35	25	0.04	7.05	17
CO17307	CO13616	17.63	1 1-	750 MCM - 42 wi	0	0	324	128	9	1	0	0.00	7.05	0
CO13617	CO13616	17.66	38 1-	4ACSR	0	0	323	128	239	34	24	0.06	7.12	26
CO13618	CO13617	17.76	38 1-	4ACSR	0	0	319	127	239	34	24	0.16	7.27	64
CO13543	CO13618	17.90	3 1-	4ACSR	0	0	314	126	8	1	1	0.01	7.28	0
CO13590	CO13543	17.99	2 1-	4ACSR	0	0	311	125	6	0	1	0.00	7.28	0
CO13571	CO13543	18.14	0 1-	4ACSR	0	0	305	125	0	0	0	0.00	7.28	0
CO13686	CO13618	17.83	35 1-	4ACSR	0	0	317	126	231	33	24	0.10	7.37	38
CO13687	CO13686	17.99	34 1-	4ACSR	0	0	311	125	219	31	22	0.22	7.59	79
CO17098	CO13687	18.14	33 1-	4ACSR	0	0	305	125	203	29	21	0.20	7.79	67
CO13771	CO17098	18.15	32 1-	4ACSR	0	0	305	124	191	27	20	0.02	7.81	7
CO13772	CO13771	18.25	31 1-	4ACSR	0	0	301	124	183	26	19	0.11	7.92	34
CO13773	CO13772	18.29	29 1-	4ACSR	0	0	300	124	167	24	17	0.04	7.96	10
CO13774	CO13773	18.42	28 1-	4ACSR	0	0	296	123	151	21	16	0.13	8.09	34
CO13745	CO13774	18.44	1 1-	4ACSR	0	0	295	123	11	1	1	0.00	8.09	0
CO13744	CO13745	18.47	1 1-	4ACSR	0	0	294	123	11	1	1	0.00	8.10	0
CO13775	CO13774	18.59	27 1-	4ACSR	0	0	290	122	139	20	14	0.15	8.24	33
CO13776	CO13775	18.63	24 1-	4ACSR	0	0	289	122	121	17	13	0.03	8.27	6
CO13719	CO13776	18.92	1 1-	4ACSR	0	0	280	120	0	0	0	0.00	8.27	0
CO13733	CO13776	18.76	23 1-	4ACSR	0	0	285	121	121	17	12	0.10	8.37	22
CO-319479761	CO13733	18.82	1 1-	2ACSR	0	0	284	121	8	1	1	0.00	8.37	0
CO13777	CO13733	18.85	22 1-	4ACSR	0	0	282	120	113	16	12	0.06	8.43	11
CO13778	CO13777	18.97	21 1-	4ACSR	0	0	279	120	97	14	10	0.08	8.51	12
CO13779	CO13778	19.07	20 1-	4ACSR	0	0	276	119	91	13	9	0.06	8.56	9
CO13713	CO13779	19.29	15 1-	4ACSR	0	0	270	118	74	10	8	0.11	8.68	14
CO13722	CO13713	19.35	1 1-	4ACSR	0	0	268	118	7	1	1	0.00	8.68	0
CO13735	CO13713	19.32	14 1-	4ACSR	0	0	269	118	67	9	7	0.01	8.69	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13782	CO13735	19.41	12 1-	4ACSR	0	0	266	117	59	8	6	0.04	8.72	4
CO13783	CO13782	19.56	11 1-	4ACSR	0	0	262	116	59	8	6	0.06	8.78	6
CO13721	CO13783	19.75	1 1-	4ACSR	0	0	258	115	0	0	0	0.00	8.78	0
CO13736	CO13783	19.75	10 1-	4ACSR	0	0	258	115	59	8	6	0.07	8.85	7
CO13784	CO13736	19.96	10 1-	4ACSR	0	0	252	114	59	8	6	0.08	8.93	8
CO13785	CO13784	20.23	8 1-	4ACSR	0	0	246	113	57	8	6	0.10	9.03	9
CO13786	CO13785	20.32	7 1-	4ACSR	0	0	244	113	52	7	5	0.03	9.06	3
CO13749	CO13786	20.38	2 1-	4ACSR	0	0	242	112	21	3	2	0.00	9.07	0
CO13748	CO13749	20.46	1 1-	4ACSR	0	0	241	112	1	0	0	0.00	9.07	0
CO13787	CO13786	20.36	5 1-	4ACSR	0	0	243	112	31	4	3	0.01	9.07	0
CO13788	CO13787	20.43	4 1-	4ACSR	0	0	241	112	17	2	2	0.01	9.08	0
CO13739	CO13788	20.52	3 1-	4ACSR	0	0	239	112	10	1	1	0.01	9.08	0
CO13728	CO13739	20.56	1 1-	2ACSR	0	0	239	111	0	0	0	0.00	9.08	0
CO13738	CO13739	20.68	2 1-	4ACSR	0	0	236	111	10	1	1	0.01	9.09	0
CO13737	CO13738	20.75	1 1-	4ACSR	0	0	234	110	9	1	1	0.00	9.09	0
CO13755	CO13738	20.80	1 1-	4ACSR	0	0	233	110	1	0	0	0.00	9.09	0
CO13754	CO13755	20.82	1 1-	4ACSR	0	0	233	110	1	0	0	0.00	9.09	0
CO13727	CO13735	19.50	1 1-	2ACSR	0	0	265	117	4	0	0	0.00	8.69	0
CO13720	CO13779	19.29	2 1-	4ACSR	0	0	270	118	2	0	0	0.00	8.57	0
CO13734	CO13779	19.32	3 1-	4ACSR	0	0	269	118	15	2	2	0.02	8.58	0
CO13780	CO13734	19.38	2 1-	4ACSR	0	0	267	117	7	1	1	0.00	8.59	0
CO13781	CO13780	19.51	1 1-	4ACSR	0	0	264	117	7	0	1	0.00	8.59	0
CO13747	CO13776	18.71	0 1-	4ACSR	0	0	287	121	0	0	0	0.00	8.27	0
CO13746	CO13747	18.84	0 1-	4ACSR	0	0	283	120	0	0	0	0.00	8.27	0
CO13726	CO17098	18.18	1 1-	2ACSR	0	0	304	124	11	1	1	0.00	7.79	0
CO13706	CO13613	17.57	1 1-	4ACSR	0	0	326	128	0	0	0	0.00	6.94	0
CO13705	CO13706	17.58	1 1-	4ACSR	0	0	326	128	0	0	0	0.00	6.94	0
CO13639	CO13705	17.65	0 1-	4ACSR	0	0	323	128	0	0	0	0.00	6.94	0
CO13638	CO13705	17.88	1 1-	4ACSR	0	0	315	126	0	0	0	0.00	6.94	0
CO13694	CO13693	16.60	0 1-	4ACSR	0	0	362	133	0	0	0	0.00	6.10	0
CO333944830	CO399039947	16.03	1 1-	2ACSR	0	0	382	135	3	0	0	0.00	5.91	0
CO13587	CO13600	15.90	1 1-	4ACSR	0	0	387	135	5	0	1	0.00	5.88	0
CO13560	CO13669	15.83	1 1-	4ACSR	0	0	388	136	3	0	0	0.00	5.83	0
CO13559	CO13669	15.87	1 1-	4ACSR	0	0	386	135	2	0	0	0.00	5.83	0
CO13558	CO13535	15.62	4 1-	4ACSR	0	0	396	136	14	1	1	0.00	5.75	0
NEWCAP-1459F921	CO-973969714	15.47	0 3-	Capacitor	513	490	404	137	0	-13	0	0.00	5.71	0
CO13629	CO13530	15.21	0 1-	4ACSR	0	0	415	138	0	0	0	0.00	5.46	0
CO17226	CO13629	15.44	0 1-	4ACSR	0	0	401	137	0	0	0	0.00	5.46	0
CO17227	CO-753821881	14.95	0 1-	4ACSR	0	0	428	140	0	0	0	0.00	5.25	0
OC-308347462	CO17227	14.95	0 1-	20 N FUSE	0	0	428	140	0	0	0	0.00	5.25	0
CO13394	CO2112484479	14.27	1 1-	4ACSR	0	0	468	143	3	0	0	0.00	4.77	0
CO13370	CO2064600554	13.85	10 1-	6ACWC	0	0	495	146	64	8	6	0.05	4.42	6
OC-32983642	CO13370	13.85	9 1-	20 N FUSE	0	0	495	146	61	8	43	0.00	4.42	0
CO13485	OC-32983642	13.90	7 1-	6ACWC	0	0	491	145	59	8	6	0.02	4.43	0
CO13486	CO13485	14.01	7 1-	6ACWC	0	0	482	144	59	8	6	0.04	4.47	4
CO13393	CO13486	14.27	0 1-	4ACSR	0	0	461	142	0	0	0	0.00	4.47	0
CO13504	CO13486	14.10	7 1-	4ACSR	0	0	474	144	59	8	6	0.03	4.51	3
CO13505	CO13504	14.20	6 1-	4ACSR	0	0	466	143	48	6	5	0.03	4.54	2
CO13502	CO13505	14.23	6 1-	4ACSR	0	0	464	143	48	6	5	0.01	4.54	0
CO13503	CO13502	14.27	6 1-	4ACSR	0	0	461	142	48	6	5	0.01	4.56	0
CO13396	CO13503	14.30	1 1-	4ACSR	0	0	458	142	9	1	1	0.00	4.56	0
CO13501	CO13503	14.34	5 1-	4ACSR	0	0	455	142	39	5	4	0.02	4.58	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13500	CO13501	14.37	5 1-	4ACSR	0	0	453	142	39	5	4	0.00	4.58	0
CO13499	CO13500	14.41	3 1-	4ACSR	0	0	450	141	22	2	2	0.00	4.58	0
CO13498	CO13499	14.55	1 1-	4ACSR	0	0	440	140	12	1	1	0.01	4.59	0
CO13399	CO13504	14.12	1 1-	2ACSR	0	0	473	144	11	1	1	0.00	4.51	0
CO13526	CO13486	14.05	0 1-	6ACWC	0	0	478	144	0	0	0	0.00	4.47	0
CO13527	CO13526	14.05	0 1-	6ACWC	0	0	478	144	0	0	0	0.00	4.47	0
SW389-A	CO13527	14.05	0 1-	Open	0	0	478	144	0	0	0	0.00	4.47	0
CO13397	OC-32983642	13.97	2 1-	4ACSR	0	0	485	145	3	0	0	0.00	4.42	0
CO13518	CO2064600554	13.72	0 1-	4ACSR	0	0	507	147	0	0	0	0.00	4.36	0
CO13434	CO-118966892	13.54	33 1-	6ACWC	0	0	513	147	180	25	18	0.37	4.31	110
OC-1089935725	CO13434	13.54	33 1-	20 N FUSE	0	0	513	147	180	25	125	0.00	4.31	0
CO13435	OC-1089935725	13.62	33 1-	6ACWC	0	0	506	146	180	25	18	0.09	4.40	26
CO13436	CO13435	13.82	33 1-	6ACWC	0	0	489	145	180	25	18	0.22	4.62	66
CO13437	CO13436	13.85	33 1-	6ACWC	0	0	485	144	180	25	18	0.04	4.67	12
CO13438	CO13437	13.89	33 1-	6ACWC	0	0	483	144	179	25	18	0.04	4.70	11
CO13439	CO13438	14.11	32 1-	6ACWC	0	0	464	142	167	23	17	0.23	4.94	65
CO13442	CO13439	14.43	3 1-	4ACSR	0	0	441	140	16	2	2	0.03	4.97	0
CO13443	CO13442	14.49	3 1-	4ACSR	0	0	437	139	16	2	2	0.00	4.97	0
CO13444	CO13443	14.57	2 1-	4ACSR	0	0	431	139	11	1	1	0.01	4.98	0
CO13445	CO13444	14.66	2 1-	4ACSR	0	0	425	138	11	1	1	0.00	4.98	0
CO13440	CO13439	14.17	29 1-	6ACWC	0	0	460	142	152	21	15	0.05	4.99	13
CO13441	CO13440	14.36	28 1-	6ACWC	0	0	446	140	147	20	15	0.17	5.16	42
CO13528	CO13441	14.36	28 1-	6ACWC	0	0	446	140	147	20	15	0.01	5.17	0
OC385	CO13528	14.36	28 1-	15 H OCR	0	0	446	140	147	20	137	0.00	5.17	0
CO13446	OC385	14.51	1 1-	6ACWC	0	0	436	139	1	0	0	0.00	5.17	0
OC-2120895543	CO13446	14.51	1 1-	20 N FUSE	0	0	436	139	1	0	1	0.00	5.17	0
CO17125	OC-2120895543	14.95	1 1-	6ACWC	0	0	407	136	1	0	0	0.00	5.17	0
CO11480	CO17125	15.09	1 1-	6ACWC	0	0	398	135	1	0	0	0.00	5.17	0
CO11547	CO11480	15.23	1 1-	6ACWC	0	0	390	134	1	0	0	0.00	5.17	0
CO11546	CO11547	15.46	1 1-	6ACWC	0	0	378	133	1	0	0	0.00	5.17	0
CO11496	CO11546	15.59	1 1-	6ACWC	0	0	371	132	1	0	0	0.00	5.17	0
CO13525	OC385	14.46	27 1-	6ACWC	0	0	439	140	146	20	15	0.09	5.25	21
CO13447	CO13525	14.60	1 1-	4ACSR	0	0	429	139	6	0	1	0.01	5.26	0
CO13448	CO13447	14.66	1 1-	4ACSR	0	0	425	138	6	0	1	0.00	5.26	0
CO13449	CO13448	14.96	1 1-	4ACSR	0	0	406	136	6	0	1	0.01	5.26	0
CO13450	CO13449	15.04	0 1-	4ACSR	0	0	401	135	0	0	0	0.00	5.26	0
CO13451	CO13450	15.12	0 1-	4ACSR	0	0	396	135	0	0	0	0.00	5.26	0
CO13452	CO13451	15.18	0 1-	4ACSR	0	0	393	134	0	0	0	0.00	5.26	0
CO13356	CO13525	14.83	26 1-	6ACWC	0	0	414	137	140	19	14	0.32	5.57	75
CO13453	CO13356	14.92	21 1-	6ACWC	0	0	408	136	113	15	11	0.07	5.64	13
CO13454	CO13453	15.17	21 1-	6ACWC	0	0	394	135	113	15	11	0.17	5.82	33
CO13402	CO13454	15.23	1 1-	2ACSR	0	0	391	134	14	2	1	0.00	5.82	0
CO13455	CO13454	15.21	20 1-	6ACWC	0	0	391	134	99	13	10	0.03	5.84	5
CO13358	CO13455	15.65	19 1-	6ACWC	0	0	368	131	89	12	9	0.23	6.08	34
OC-860320609	CO13358	15.65	17 1-	20 N FUSE	0	0	368	131	85	11	60	0.00	6.08	0
CO13359	OC-860320609	15.70	13 1-	6ACWC	0	0	365	131	56	7	6	0.02	6.10	0
CO13458	CO13359	15.80	1 1-	4ACSR	0	0	360	130	4	0	0	0.00	6.10	0
CO13459	CO13458	15.87	1 1-	4ACSR	0	0	357	130	4	0	0	0.00	6.10	0
CO13460	CO13359	15.93	12 1-	6ACWC	0	0	354	130	52	7	5	0.07	6.17	6
CO13461	CO13460	15.97	11 1-	6ACWC	0	0	352	129	48	6	5	0.01	6.18	0
CO17126	CO13461	16.60	7 1-	6ACWC	0	0	325	125	30	4	3	0.12	6.30	6
CO11460	CO17126	16.64	0 1-	4ACSR	0	0	323	125	0	0	0	0.00	6.30	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11451	CO17126	16.93	7 1-	6ACWC	0	0	312	123	30	4	3	0.05	6.35	0
CO11475	CO11451	17.03	6 1-	6ACWC	0	0	309	123	18	2	2	0.01	6.36	0
CO11476	CO11475	17.31	5 1-	6ACWC	0	0	299	121	15	2	2	0.03	6.38	0
CO11510	CO11476	17.36	3 1-	4ACSR	0	0	297	121	11	1	1	0.00	6.39	0
CO11513	CO11510	17.41	2 1-	4ACSR	0	0	295	121	0	0	0	0.00	6.39	0
CO11462	CO11513	17.48	1 1-	4ACSR	0	0	293	120	0	0	0	0.00	6.39	0
CO11511	CO11513	17.48	1 1-	4ACSR	0	0	293	120	0	0	0	0.00	6.39	0
CO11473	CO11511	17.56	0 1-	2ACSR	0	0	291	120	0	0	0	0.00	6.39	0
CO11512	CO11511	17.50	1 1-	4ACSR	0	0	292	120	0	0	0	0.00	6.39	0
CO11477	CO11476	17.50	2 1-	4ACSR	0	0	292	120	4	0	0	0.00	6.39	0
CO11478	CO11477	17.53	1 1-	4ACSR	0	0	291	120	3	0	0	0.00	6.39	0
CO11479	CO11478	17.67	0 1-	4ACSR	0	0	287	119	0	0	0	0.00	6.39	0
CO11461	CO11451	17.16	0 1-	4ACSR	0	0	304	122	0	0	0	0.00	6.35	0
CO13462	CO13461	16.09	4 1-	4ACSR	0	0	346	128	19	2	2	0.01	6.20	0
CO13465	CO13462	16.22	4 1-	4ACSR	0	0	341	128	19	2	2	0.02	6.21	0
CO1476995629	CO13465	16.38	2 1-	2ACSR	0	0	335	127	13	1	1	0.00	6.22	0
CO-152092475	CO1476995629	16.44	1 1-	2ACSR	0	0	333	127	0	0	0	0.00	6.22	0
CO13466	CO13465	16.25	1 1-	4ACSR	0	0	340	127	5	0	1	0.00	6.21	0
CO13464	CO13466	16.32	0 1-	4ACSR	0	0	337	127	0	0	0	0.00	6.21	0
CO13463	CO13464	16.39	0 1-	4ACSR	0	0	333	127	0	0	0	0.00	6.21	0
CO13456	OC-860320609	15.72	4 1-	4ACSR	0	0	364	131	29	4	3	0.01	6.09	0
CO13457	CO13456	15.79	2 1-	4ACSR	0	0	361	130	7	0	1	0.00	6.09	0
CO13373	CO13455	15.29	1 1-	4ACSR	0	0	387	134	10	1	1	0.00	5.85	0
CO13520	CO13356	14.83	5 1-	6ACWC	0	0	414	137	26	3	3	0.00	5.57	0
OC384	CO13520	14.83	5 1-	10 H OCR	0	0	414	137	26	3	37	0.00	5.57	0
CO13521	OC384	14.99	5 1-	6ACWC	0	0	404	136	26	3	3	0.03	5.60	0
CO13357	CO13521	15.24	5 1-	6ACWC	0	0	390	134	26	3	3	0.04	5.64	0
CO13467	CO13357	15.38	4 1-	4ACSR	0	0	382	133	17	2	2	0.01	5.66	0
CO13468	CO13467	15.48	4 1-	4ACSR	0	0	377	132	17	2	2	0.01	5.67	0
CO13469	CO13468	15.60	4 1-	4ACSR	0	0	370	132	17	2	2	0.01	5.68	0
CO13362	CO13469	15.86	1 1-	4ACSR	0	0	357	130	11	1	1	0.02	5.70	0
CO13381	CO13362	16.14	1 1-	4ACSR	0	0	344	128	11	1	1	0.01	5.71	0
CO13380	CO13362	15.97	0 1-	4ACSR	0	0	352	129	0	0	0	0.00	5.70	0
CO13470	CO13469	15.74	3 1-	4ACSR	0	0	363	131	5	0	1	0.00	5.68	0
CO13471	CO13470	15.80	3 1-	4ACSR	0	0	360	130	5	0	1	0.00	5.69	0
CO13475	CO13471	16.04	3 1-	4ACSR	0	0	349	129	5	0	1	0.01	5.69	0
CO13472	CO13475	16.13	3 1-	2ACSR	0	0	345	128	5	0	0	0.00	5.70	0
CO13473	CO13472	16.16	2 1-	2ACSR	0	0	344	128	5	0	0	0.00	5.70	0
CO13474	CO13473	16.24	1 1-	2ACSR	0	0	341	128	5	0	0	0.00	5.70	0
CO13476	CO13475	16.44	0 1-	4ACSR	0	0	331	126	0	0	0	0.00	5.69	0
CO13529	CO13357	15.64	1 1-	6ACWC	0	0	368	131	10	1	1	0.02	5.67	0
CO13369	CO13529	15.91	1 1-	4ACSR	0	0	355	130	10	1	1	0.02	5.68	0
CO13392	CO13369	16.01	0 1-	4ACSR	0	0	350	129	0	0	0	0.00	5.68	0
CO13391	CO13369	15.94	1 1-	4ACSR	0	0	353	129	10	1	1	0.00	5.68	0
CO13368	CO13529	15.95	0 1-	6ACWC	0	0	353	129	0	0	0	0.00	5.67	0
SW389-B	CO13368	15.95	0 1-	Open	0	0	353	129	0	0	0	0.00	5.67	0
CO13372	CO13521	15.23	0 1-	4ACSR	0	0	390	134	0	0	0	0.00	5.60	0
CO13371	CO13356	14.92	0 1-	4ACSR	0	0	408	136	0	0	0	0.00	5.57	0
CO13367	CO13515	12.98	0 1-	4ACSR	0	0	559	150	0	0	0	0.00	3.35	0
CO13428	CO-251038377	12.32	2 1-	2ACSR	0	0	630	155	10	1	1	0.00	2.92	0
OC-1697222439	CO13428	12.32	2 1-	20 N FUSE	0	0	630	155	10	1	7	0.00	2.92	0
CO13429	OC-1697222439	12.39	2 1-	2ACSR	0	0	623	154	10	1	1	0.00	2.92	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13400	CO-1497565019	12.20	1 1-	2ACSR	0	0	644	156	4	0	0	0.00	2.80	0
OC-553025562	CO13400	12.20	0 1-	20 N FUSE	0	0	644	156	0	0	0	0.00	2.80	0
CO13512	CO13423	12.12	6 1-	4ACSR	0	0	653	156	40	5	4	0.01	2.75	0
CO13401	CO13512	12.16	2 1-	2ACSR	0	0	648	156	10	1	1	0.00	2.75	0
CO13513	CO13512	12.26	3 1-	4ACSR	0	0	633	155	25	3	2	0.02	2.77	0
OC-927734314	CO13513	12.26	3 1-	20 N FUSE	0	0	633	155	25	3	17	0.00	2.77	0
CO13509	OC-927734314	12.31	2 1-	4ACSR	0	0	626	154	18	2	2	0.01	2.78	0
CO13511	CO13509	12.40	2 1-	4ACSR	0	0	614	154	18	2	2	0.01	2.79	0
CO13510	CO13511	12.41	2 1-	4ACSR	0	0	612	153	18	2	2	0.00	2.79	0
CO13508	OC-927734314	12.30	1 1-	4ACSR	0	0	628	154	7	0	1	0.00	2.77	0
CO13507	CO13508	12.34	0 1-	4ACSR	0	0	621	154	0	0	0	0.00	2.77	0
CO12101	CO-1304761795	11.34	0 3-	2ACSR	903	849	757	161	0	0	0	0.00	1.88	0
CO-223442987	CO-1304761795	11.47	60 3-	2ACSR	883	831	737	160	296	13	7	0.05	1.93	23
CO2024595143	CO-223442987	11.69	60 3-	2ACSR	851	801	706	159	296	13	7	0.08	2.00	37
CO-751844449	CO2024595143	11.74	59 3-	2ACSR	844	795	699	158	292	13	7	0.02	2.02	9
CO-915037168	CO-751844449	12.16	59 3-	2ACSR	790	745	647	156	292	13	7	0.14	2.16	67
CO-796786834	CO-915037168	12.27	51 3-	2ACSR	776	732	635	155	264	12	7	0.03	2.20	15
CO11469	CO-796786834	12.39	0 1-	4ACSR	0	0	619	154	0	0	0	0.00	2.19	0
CO-1785010635	CO-796786834	12.33	51 3-	2ACSR	768	725	627	155	264	12	7	0.02	2.22	8
CO2026537600	CO-1785010635	12.91	51 3-	2ACSR	705	667	570	151	264	12	7	0.18	2.40	76
CO224431763	CO2026537600	13.19	43 3-	2ACSR	678	642	545	149	236	10	6	0.08	2.47	30
CO-1653614511	CO224431763	13.35	43 3-	2ACSR	663	629	533	148	236	10	6	0.04	2.52	17
CO-1538473017	CO-1653614511	13.54	43 3-	2ACSR	646	613	518	147	236	10	6	0.05	2.57	20
CO1360316319	CO-1538473017	13.72	43 3-	2ACSR	630	599	504	146	236	10	6	0.05	2.62	20
CO11467	CO1360316319	13.82	0 1-	4ACSR	0	0	495	145	0	0	0	0.00	2.61	0
CO11550	CO1360316319	13.73	43 2-	6ACWC	0	598	503	146	236	16	12	0.00	2.63	0
OC318	CO11550	13.73	43 2-	15 H OCR	0	598	503	146	236	16	108	0.00	2.63	0
CO11551	OC318	13.99	43 2-	6ACWC	0	574	481	144	236	16	12	0.17	2.80	67
CO11527	CO11551	14.02	43 2-	6ACWC	0	571	478	144	235	16	12	0.02	2.82	9
CO11530	CO11527	14.15	42 2-	6ACWC	0	559	468	143	232	15	11	0.09	2.91	34
CO11528	CO11530	14.28	42 2-	6ACWC	0	548	458	142	232	15	11	0.09	3.00	33
CO11529	CO11528	14.52	42 2-	6ACWC	0	528	441	140	232	15	11	0.15	3.15	59
CO11455	CO11529	14.63	4 2-	6ACWC	0	520	433	139	18	1	1	0.01	3.16	0
CO11492	CO11455	14.69	3 2-	6ACWC	0	515	429	139	13	0	1	0.00	3.16	0
CO11493	CO11492	14.82	3 2-	6ACWC	0	505	420	138	13	0	1	0.00	3.16	0
CO11454	CO11493	15.28	3 2-	6ACWC	0	473	392	135	13	0	1	0.02	3.18	0
CO11466	CO11454	15.42	0 1-	4ACSR	0	0	384	134	0	0	0	0.00	3.17	0
CO11543	CO11454	15.40	3 2-	6ACWC	0	465	386	134	13	0	1	0.00	3.18	0
CO11542	CO11543	15.42	3 2-	6ACWC	0	464	385	134	13	0	1	0.00	3.19	0
CO11494	CO11542	15.53	3 2-	6ACWC	0	457	378	133	13	0	1	0.00	3.19	0
CO11483	CO11494	15.66	0 1-	4ACSR	0	0	372	132	0	0	0	0.00	3.18	0
CO11484	CO11483	15.70	0 1-	4ACSR	0	0	370	132	0	0	0	0.00	3.18	0
CO11465	CO11494	15.60	1 1-	4ACSR	0	0	375	132	3	0	0	0.00	3.20	0
CO11516	CO11494	15.64	2 1-	4ACSR	0	0	373	132	10	1	1	0.00	3.20	0
CO11517	CO11516	15.74	1 1-	4ACSR	0	0	367	131	0	0	0	0.00	3.20	0
CO11519	CO11493	15.06	0 1-	4ACSR	0	0	405	136	0	0	0	0.00	3.16	0
CO11518	CO11519	15.11	0 1-	4ACSR	0	0	402	136	0	0	0	0.00	3.16	0
CO11453	CO11455	15.22	1 1-	4ACSR	0	0	395	135	6	0	1	0.01	3.17	0
CO11452	CO11529	14.65	38 1-	6ACWC	0	0	431	139	213	29	21	0.17	3.33	57
CO11515	CO11452	14.77	4 1-	4ACSR	0	0	423	138	17	2	2	0.01	3.34	0
CO11514	CO11515	14.91	3 1-	4ACSR	0	0	414	137	9	1	1	0.00	3.34	0
CO11464	CO11515	14.80	1 1-	4ACSR	0	0	421	138	7	1	1	0.00	3.34	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11481	CO11452	14.73	33 1-	6ACWC	0	0	426	139	182	25	18	0.09	3.42	26
CO11482	CO11481	14.85	31 1-	6ACWC	0	0	418	138	165	22	16	0.12	3.54	32
CO17122	CO11482	14.98	30 1-	6ACWC	0	0	410	137	162	22	16	0.12	3.66	33
CO11351	CO17122	15.06	2 1-	4ACSR	0	0	405	136	10	1	1	0.00	3.66	0
CO11350	CO11351	15.10	1 1-	4ACSR	0	0	403	136	6	0	1	0.00	3.67	0
CO11326	CO17122	15.00	28 1-	6ACWC	0	0	409	137	151	20	15	0.02	3.68	5
CO11327	CO11326	15.02	27 1-	6ACWC	0	0	408	136	143	19	14	0.02	3.70	4
CO11323	CO11327	15.08	26 1-	6ACWC	0	0	404	136	134	18	13	0.05	3.75	11
CO11180	CO11323	15.21	24 1-	6ACWC	0	0	397	135	127	17	13	0.09	3.84	19
CO11238	CO11180	15.25	5 1-	4ACSR	0	0	394	135	19	2	2	0.00	3.85	0
CO11202	CO11180	15.28	18 1-	6ACWC	0	0	392	135	100	13	10	0.04	3.89	7
CO11236	CO11202	15.34	2 1-	4ACSR	0	0	389	134	15	2	2	0.00	3.89	0
CO11328	CO11202	15.45	16 1-	6ACWC	0	0	383	133	85	11	8	0.09	3.98	13
CO11329	CO11328	15.69	15 1-	6ACWC	0	0	370	132	82	11	8	0.12	4.09	15
CO11216	CO11329	15.74	2 1-	4ACSR	0	0	368	132	9	1	1	0.00	4.09	0
CO11201	CO11329	15.74	12 1-	4ACSR	0	0	367	131	67	9	7	0.02	4.12	3
CO11361	CO11201	16.07	11 1-	6ACWC	0	0	351	129	56	7	6	0.11	4.23	10
CO11167	CO11361	16.19	5 1-	4ACSR	0	0	346	129	18	2	2	0.01	4.24	0
CO11332	CO11167	16.30	1 1-	4ACSR	0	0	341	128	0	0	0	0.00	4.24	0
CO11333	CO11332	16.36	1 1-	4ACSR	0	0	339	128	0	0	0	0.00	4.24	0
CO11364	CO11333	16.58	0 1-	4ACSR	0	0	329	126	0	0	0	0.00	4.24	0
CO11363	CO11333	16.50	1 1-	4ACSR	0	0	333	127	0	0	0	0.00	4.24	0
CO11331	CO11363	16.55	1 1-	4ACSR	0	0	330	126	0	0	0	0.00	4.24	0
CO11330	CO11331	16.62	1 1-	4ACSR	0	0	327	126	0	0	0	0.00	4.24	0
CO11334	CO11167	16.22	4 1-	4ACSR	0	0	345	128	18	2	2	0.00	4.25	0
CO11335	CO11334	16.32	3 1-	4ACSR	0	0	340	128	17	2	2	0.00	4.25	0
CO11336	CO11361	16.16	6 1-	6ACWC	0	0	347	129	37	5	4	0.02	4.25	0
CO11235	CO11336	16.29	1 1-	2ACSR	0	0	343	128	8	1	1	0.00	4.25	0
CO11337	CO11336	16.21	5 1-	6ACWC	0	0	345	128	29	4	3	0.01	4.26	0
CO11338	CO11337	16.31	2 1-	4ACSR	0	0	341	128	12	1	1	0.01	4.27	0
CO11339	CO11338	16.36	1 1-	4ACSR	0	0	339	128	12	1	1	0.00	4.27	0
CO11166	CO11337	16.33	3 1-	6ACWC	0	0	340	128	17	2	2	0.01	4.27	0
CO11204	CO11166	16.40	2 1-	4ACSR	0	0	337	127	12	1	1	0.00	4.27	0
CO11203	CO11166	16.41	1 1-	4ACSR	0	0	336	127	5	0	0	0.00	4.27	0
CO11231	CO11201	15.79	1 1-	4ACSR	0	0	365	131	11	1	1	0.00	4.12	0
CO11237	CO11323	15.20	2 1-	4ACSR	0	0	397	135	7	0	1	0.00	3.75	0
CO11325	CO11326	15.05	1 1-	4ACSR	0	0	406	136	9	1	1	0.00	3.68	0
CO11324	CO11326	15.06	0 1-	4ACSR	0	0	405	136	0	0	0	0.00	3.68	0
CO11552	CO1360316319	13.73	0 1-	4ACSR	0	0	503	146	0	0	0	0.00	2.63	0
CO11468	CO-1653614511	13.63	0 1-	4ACSR	0	0	505	146	0	0	0	0.00	2.51	0
CO11456	CO2026537600	13.11	8 1-	2ACSR	0	0	552	150	28	3	2	0.02	2.43	0
OC319195630	CO11456	13.11	8 1-	20 N FUSE	0	0	552	150	28	3	19	0.00	2.43	0
CO688638615	OC319195630	13.19	1 1-	2ACSR	0	0	546	149	1	0	0	0.00	2.43	0
CO11522	OC319195630	13.21	5 1-	4ACSR	0	0	542	149	24	3	2	0.01	2.44	0
CO11520	CO11522	13.35	3 1-	4ACSR	0	0	528	148	17	2	2	0.01	2.46	0
CO11472	CO11520	13.38	2 1-	4ACSR	0	0	525	148	13	1	1	0.00	2.46	0
CO11521	CO11520	13.40	1 1-	4ACSR	0	0	523	147	4	0	0	0.00	2.46	0
CO11541	OC319195630	13.16	2 1-	4ACSR	0	0	547	149	3	0	0	0.00	2.43	0
CO11540	CO11541	13.18	2 1-	4ACSR	0	0	545	149	3	0	0	0.00	2.43	0
CO11491	CO11540	13.20	0 1-	4ACSR	0	0	542	149	0	0	0	0.00	2.43	0
CO11470	CO-915037168	12.39	0 1-	4ACSR	0	0	615	154	0	0	0	0.00	2.17	0
CO11548	CO-915037168	12.16	8 1-	4ACSR	0	0	646	156	28	3	3	0.00	2.16	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC319	CO11548	12.16	8 1-	15 H OCR	0	0	646	156	28	3	26	0.00	2.16	0
CO11549	OC319	12.57	8 1-	4ACSR	0	0	592	152	28	3	3	0.07	2.23	3
OC-1104864701	CO11549	12.57	8 1-	20 N FUSE	0	0	592	152	28	3	19	0.00	2.23	0
CO17040	OC-1104864701	12.84	6 1-	4ACSR	0	0	561	150	16	2	2	0.03	2.26	0
CO17041	CO17040	12.95	1 1-	4ACSR	0	0	549	149	0	0	0	0.00	2.26	0
CO10559	CO17040	12.96	0 1-	4ACSR	0	0	548	149	0	0	0	0.00	2.26	0
CO10537	CO17040	12.88	5 1-	4ACSR	0	0	557	149	16	2	2	0.00	2.26	0
CO10581	CO10537	12.98	3 1-	4ACSR	0	0	546	148	11	1	1	0.01	2.27	0
CO10582	CO10581	13.01	3 1-	4ACSR	0	0	543	148	11	1	1	0.00	2.27	0
CO10658	CO10582	13.20	2 1-	4ACSR	0	0	524	147	2	0	0	0.00	2.27	0
CO10659	CO10658	13.29	2 1-	4ACSR	0	0	514	146	2	0	0	0.00	2.27	0
CO10630	CO10659	13.36	1 1-	4ACSR	0	0	508	145	0	0	0	0.00	2.27	0
CO10561	CO10582	13.07	1 1-	4ACSR	0	0	537	148	9	1	1	0.00	2.27	0
CO10560	CO10537	12.96	2 1-	4ACSR	0	0	549	149	5	0	0	0.00	2.26	0
CO11459	OC-1104864701	12.62	2 1-	4ACSR	0	0	587	152	12	1	1	0.00	2.23	0
CO11526	CO11459	12.75	1 1-	4ACSR	0	0	572	151	11	1	1	0.01	2.24	0
CO11474	CO11526	12.80	1 1-	2ACSR	0	0	567	150	11	1	1	0.00	2.24	0
CO11525	CO11526	12.76	0 1-	4ACSR	0	0	570	150	0	0	0	0.00	2.24	0
CO11499	CO11459	12.69	1 1-	4ACSR	0	0	579	151	0	0	0	0.00	2.23	0
CO11500	CO11499	13.02	1 1-	4ACSR	0	0	542	148	0	0	0	0.00	2.23	0
CO11458	CO11500	13.04	1 1-	4ACSR	0	0	539	148	0	0	0	0.00	2.23	0
CO11489	CO11458	13.07	1 1-	4ACSR	0	0	536	148	0	0	0	0.00	2.23	0
CO11490	CO11489	13.21	1 1-	4ACSR	0	0	523	147	0	0	0	0.00	2.23	0
CO11532	CO11490	13.22	1 1-	4ACSR	0	0	521	147	0	0	0	0.00	2.23	0
CO11531	CO11532	13.29	1 1-	4ACSR	0	0	515	146	0	0	0	0.00	2.23	0
CO11523	CO11500	13.14	0 1-	4ACSR	0	0	530	147	0	0	0	0.00	2.23	0
CO11524	CO11523	13.23	0 1-	4ACSR	0	0	520	146	0	0	0	0.00	2.23	0
CO11463	CO2024595143	11.78	1 1-	4ACSR	0	0	691	158	3	0	0	0.00	2.01	0
CO12025+	CO-2048359733	11.05	5 1-	4ACSR	0	0	664	253	15	1	1	0.01	1.40	0
CO12026+	CO12025	11.19	3 1-	4ACSR	0	0	653	252	10	0	0	0.00	1.41	0
CO11974+	CO12026	11.24	2 1-	4ACSR	0	0	649	251	10	0	0	0.00	1.41	0
CO11973+	CO12026	11.23	1 1-	4ACSR	0	0	649	251	1	0	0	0.00	1.41	0
CO12126+	CO-1870681441	9.69	22 1-	4ACSR	0	0	773	267	152	10	7	0.04	0.99	9
CO12006+	CO12126	9.78	22 1-	4ACSR	0	0	764	266	152	10	7	0.02	1.01	5
CO12007+	CO12006	9.97	22 1-	4ACSR	0	0	743	263	152	10	7	0.05	1.06	11
CO12008+	CO12007	10.06	22 1-	4ACSR	0	0	733	262	152	10	7	0.02	1.08	5
CO12009+	CO12008	10.13	22 1-	4ACSR	0	0	727	261	152	10	7	0.01	1.09	4
CO12089+	CO12009	10.18	20 1-	4ACSR	0	0	721	260	135	9	7	0.01	1.11	2
CO12090+	CO12089	10.68	18 1-	4ACSR	0	0	675	254	133	8	6	0.10	1.21	22
CO11947+	CO12090	10.87	17 1-	4ACSR	0	0	659	252	132	8	6	0.04	1.24	8
CO11948+	CO11947	11.08	17 1-	4ACSR	0	0	642	249	132	8	6	0.04	1.29	9
CO17225+	CO11948	11.24	12 1-	4ACSR	0	0	630	247	104	7	5	0.02	1.31	4
CO13364+	CO17225	11.33	10 1-	4ACSR	0	0	623	246	73	4	4	0.01	1.32	0
CO13365+	CO13364	11.47	9 1-	4ACSR	0	0	612	244	57	3	3	0.01	1.33	0
OC351045001+	CO13365	11.47	9 1-	20 N FUSE	0	0	612	244	57	3	19	0.00	1.33	0
CO13413+	OC351045001	11.56	5 1-	4ACSR	0	0	606	243	32	2	2	0.00	1.34	0
CO13414+	CO13413	11.61	4 1-	4ACSR	0	0	602	243	25	1	1	0.00	1.34	0
CO13415+	CO13414	12.00	3 1-	4ACSR	0	0	577	238	21	1	1	0.01	1.35	0
CO13416+	CO13415	12.17	2 1-	4ACSR	0	0	565	237	17	1	1	0.00	1.36	0
CO13383+	CO13416	12.27	1 1-	4ACSR	0	0	560	236	9	0	0	0.00	1.36	0
CO13417+	CO13416	12.32	1 1-	4ACSR	0	0	557	235	8	0	0	0.00	1.36	0
CO13418+	CO13417	12.38	1 1-	4ACSR	0	0	553	234	8	0	0	0.00	1.36	0

Substation Power Factor: 0.98 Load Factor: 0.65 Loss Factor: 0.46 Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13419+	CO13418	12.52	1 1-	4ACSR	0	0	545	233	8	0	0	0.00	1.36	0
CO13411+	OC351045001	11.54	4 1-	4ACSR	0	0	608	244	25	1	1	0.00	1.34	0
CO13412+	CO13411	11.54	0 1-	4ACSR	0	0	607	244	0	0	0	0.00	1.34	0
CO13409+	CO13412	11.59	0 1-	4ACSR	0	0	604	243	0	0	0	0.00	1.34	0
CO13410+	CO13411	11.64	4 1-	4ACSR	0	0	601	242	25	1	1	0.00	1.34	0
CO13408+	CO13410	11.65	2 1-	4ACSR	0	0	600	242	13	0	1	0.00	1.34	0
CO13407+	CO13408	11.71	2 1-	4ACSR	0	0	596	242	13	0	1	0.00	1.34	0
CO13406+	CO13407	11.74	0 1-	4ACSR	0	0	593	241	0	0	0	0.00	1.34	0
CO13405+	CO13406	11.79	0 1-	4ACSR	0	0	590	241	0	0	0	0.00	1.34	0
CO13382+	CO13364	11.40	1 1-	4ACSR	0	0	618	245	16	1	1	0.00	1.32	0
CO13403+	CO17225	11.31	2 1-	4ACSR	0	0	625	246	31	2	1	0.00	1.31	0
CO13404+	CO13403	11.35	1 1-	4ACSR	0	0	621	246	17	1	1	0.00	1.31	0
CO11949+	CO11948	11.14	5 1-	4ACSR	0	0	637	248	28	1	1	0.00	1.29	0
CO17130+	CO11949	11.29	4 1-	4ACSR	0	0	626	247	22	1	1	0.01	1.30	0
CO17131+	CO17130	11.51	1 1-	4ACSR	0	0	609	244	20	1	1	0.00	1.30	0
CO13363+	CO17130	11.34	3 1-	4ACSR	0	0	622	246	2	0	0	0.00	1.30	0
CO17224+	CO13363	11.59	3 1-	4ACSR	0	0	604	243	2	0	0	0.00	1.30	0
OC-928077633+	CO17224	11.59	3 1-	20 N FUSE	0	0	604	243	2	0	1	0.00	1.30	0
CO13628+	OC-928077633	11.69	3 1-	4ACSR	0	0	597	242	2	0	0	0.00	1.30	0
CO13585+	CO13628	11.81	1 1-	4ACSR	0	0	589	241	2	0	0	0.00	1.30	0
CO13552+	CO13628	11.87	2 1-	4ACSR	0	0	585	240	1	0	0	0.00	1.30	0
CO13627+	CO13552	12.06	1 1-	4ACSR	0	0	572	238	1	0	0	0.00	1.30	0
CO13626+	CO13627	12.19	1 1-	4ACSR	0	0	565	236	1	0	0	0.00	1.30	0
OC-1537601674+	CO13626	12.19	1 1-	20 N FUSE	0	0	565	236	1	0	0	0.00	1.30	0
CO13586+	OC-1537601674	12.23	0 1-	4ACSR	0	0	562	236	0	0	0	0.00	1.30	0
CO13553+	OC-1537601674	12.34	1 1-	4ACSR	0	0	555	235	1	0	0	0.00	1.30	0
CO13551+	CO13553	12.49	0 1-	4ACSR	0	0	546	233	0	0	0	0.00	1.30	0
CO13695+	CO13551	12.50	0 1-	4ACSR	0	0	546	233	0	0	0	0.00	1.30	0
CO13584+	CO13553	12.56	1 1-	4ACSR	0	0	543	232	1	0	0	0.00	1.30	0
CO13651+	CO13552	12.01	1 1-	4ACSR	0	0	576	238	0	0	0	0.00	1.30	0
CO13652+	CO13651	12.09	1 1-	4ACSR	0	0	571	237	0	0	0	0.00	1.30	0
CO13653+	CO13652	12.11	0 1-	4ACSR	0	0	570	237	0	0	0	0.00	1.30	0
CO13384+	CO13363	11.39	0 1-	4ACSR	0	0	619	245	0	0	0	0.00	1.30	0
CO17129+	CO11949	11.32	1 1-	4ACSR	0	0	624	246	6	0	0	0.00	1.29	0
CO11972+	CO11947	11.06	0 1-	4ACSR	0	0	644	249	0	0	0	0.00	1.24	0
CO12019+	CO12090	10.97	1 1-	4ACSR	0	0	651	250	0	0	0	0.00	1.21	0
CO12020+	CO12019	11.06	1 1-	4ACSR	0	0	644	249	0	0	0	0.00	1.21	0
CO12018+	CO12020	11.19	0 1-	4ACSR	0	0	634	248	0	0	0	0.00	1.21	0
CO12064+	CO12009	10.20	2 1-	4ACSR	0	0	720	260	17	1	1	0.00	1.10	0
CO12065+	CO12064	10.29	2 1-	4ACSR	0	0	711	259	17	1	1	0.00	1.10	0
CO-1524974993+	CO12065	10.36	0 1-	2ACSR	0	0	706	258	0	0	0	0.00	1.10	0
XFMR348	CO-880402422	9.53	83 1-	500 KVA 1PH AUT	0	0	851	165	448	30	87	0.67	1.63	0
CO11952	XFMR348	9.61	80 1-	4ACSR	0	0	833	164	444	60	43	0.21	1.84	156
CO11955	CO11952	9.70	80 1-	4ACSR	0	0	813	163	443	60	43	0.24	2.08	177
CO12072	CO11955	9.77	1 1-	1/0ACSR	0	0	803	163	0	0	0	0.00	2.08	0
CO12073	CO12072	9.83	1 1-	1/0ACSR	0	0	794	163	0	0	0	0.00	2.08	0
CO12122	CO11955	9.72	79 1-	4ACSR	0	0	809	163	442	60	43	0.05	2.14	39
CO12121	CO12122	9.75	79 1-	4ACSR	0	0	803	163	442	60	43	0.08	2.22	57
CO11953	CO12121	9.80	77 1-	4ACSR	0	0	792	162	440	59	43	0.14	2.36	102
CO12092	CO11953	9.91	57 1-	4ACSR	0	0	770	161	361	49	35	0.23	2.59	136
CO12093	CO12092	9.99	54 1-	4ACSR	0	0	756	160	345	47	34	0.16	2.75	90
CO12091	CO12093	10.02	53 1-	4ACSR	0	0	751	160	344	46	33	0.05	2.80	29

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12115	CO12091	10.04	52 1-	4ACSR	0	0	746	160	328	44	32	0.06	2.86	31
CO12082	CO12115	10.23	49 1-	2ACSR	0	0	719	159	287	39	22	0.22	3.07	100
CO12086	CO12082	10.25	48 1-	2ACSR	0	0	716	158	285	39	22	0.03	3.10	12
CO12087	CO12086	10.32	48 1-	2ACSR	0	0	705	158	285	39	22	0.09	3.19	40
CO12081	CO12087	10.42	48 1-	2ACSR	0	0	692	157	285	39	22	0.12	3.30	53
CO12080	CO12081	10.54	48 1-	2ACSR	0	0	677	157	285	39	22	0.13	3.43	60
CO-1253669342	CO12080	11.06	32 1-	2ACSR	0	0	617	153	219	30	17	0.47	3.91	166
OC-380916054	CO-1253669342	11.06	31 1-	20 N FUSE	0	0	617	153	218	29	150	0.00	3.91	0
CO17127	OC-380916054	11.10	31 1-	2ACSR	0	0	612	153	218	29	17	0.04	3.94	14
CO12451	CO17127	11.15	3 1-	4ACSR	0	0	606	153	28	3	3	0.01	3.95	0
CO12460	CO12451	11.27	1 1-	2ACSR	0	0	593	152	12	1	1	0.01	3.96	0
CO12461	CO12460	11.33	1 1-	2ACSR	0	0	588	152	12	1	1	0.00	3.96	0
CO12450	CO12451	11.22	1 1-	4ACSR	0	0	596	152	13	1	1	0.00	3.95	0
CO12435	CO17127	11.17	28 1-	4ACSR	0	0	603	152	190	26	19	0.08	4.02	24
CO12434	CO12435	11.37	27 1-	4ACSR	0	0	578	151	178	24	18	0.22	4.24	65
CO12444	CO12434	11.41	1 1-	4ACSR	0	0	574	150	0	0	0	0.00	4.24	0
CO12442	CO12444	11.46	1 1-	4ACSR	0	0	568	150	0	0	0	0.00	4.24	0
CO12443	CO12442	11.53	1 1-	4ACSR	0	0	561	149	0	0	0	0.00	4.24	0
CO12394	CO12434	11.42	26 1-	4ACSR	0	0	572	150	178	24	18	0.06	4.30	17
CO12393	CO12394	11.47	25 1-	4ACSR	0	0	567	150	174	23	17	0.05	4.34	14
CO12396	CO12393	11.85	0 1-	4ACSR	0	0	526	147	0	0	0	0.00	4.34	0
CO12395	CO12396	11.92	0 1-	4ACSR	0	0	519	146	0	0	0	0.00	4.34	0
CO12392	CO12393	11.89	25 1-	4ACSR	0	0	523	146	174	23	17	0.44	4.78	128
OC346	CO12392	11.89	25 1-	15 H OCR	0	0	523	146	173	23	160	0.00	4.78	0
CO12391	OC346	11.89	25 1-	4ACSR	0	0	522	146	173	23	17	0.01	4.79	0
CO12327	CO12391	12.04	8 1-	4ACSR	0	0	508	145	35	4	3	0.03	4.82	0
CO12356	CO12327	12.17	1 1-	4ACSR	0	0	496	144	4	0	0	0.00	4.82	0
CO12440	CO12327	12.09	7 1-	4ACSR	0	0	503	145	31	4	3	0.01	4.83	0
CO12439	CO12440	12.13	7 1-	4ACSR	0	0	499	144	31	4	3	0.01	4.84	0
CO12441	CO12439	12.18	7 1-	4ACSR	0	0	495	144	31	4	3	0.01	4.85	0
CO12465	CO12441	12.24	5 1-	4ACSR	0	0	489	143	31	4	3	0.01	4.86	0
CO12466	CO12465	12.48	5 1-	4ACSR	0	0	470	142	31	4	3	0.04	4.90	2
CO12436	CO12466	12.58	1 1-	4ACSR	0	0	461	141	14	1	1	0.00	4.91	0
CO12328	CO12466	12.61	3 1-	4ACSR	0	0	459	141	16	2	2	0.01	4.92	0
CO12329	CO12328	12.66	2 1-	4ACSR	0	0	455	140	14	1	1	0.00	4.92	0
CO12425	CO12329	12.78	0 1-	4ACSR	0	0	446	139	0	0	0	0.00	4.92	0
CO12424	CO12425	13.25	0 1-	4ACSR	0	0	413	136	0	0	0	0.00	4.92	0
CO12355	CO12329	12.70	2 1-	4ACSR	0	0	452	140	14	1	1	0.00	4.92	0
CO12354	CO12328	12.71	1 1-	4ACSR	0	0	451	140	2	0	0	0.00	4.92	0
CO12506	CO12466	12.57	1 1-	4ACSR	0	0	462	141	0	0	0	0.00	4.90	0
CO12507	CO12506	12.81	0 1-	4ACSR	0	0	444	139	0	0	0	0.00	4.90	0
CO12464	CO12441	12.20	2 1-	4ACSR	0	0	493	144	1	0	0	0.00	4.85	0
CO12462	CO12464	12.41	2 1-	4ACSR	0	0	475	142	1	0	0	0.00	4.85	0
CO12463	CO12462	12.49	1 1-	4ACSR	0	0	469	142	1	0	0	0.00	4.85	0
CO12499	CO12391	11.99	17 1-	4ACSR	0	0	513	146	138	19	14	0.08	4.87	19
CO12495	CO12499	12.13	17 1-	4ACSR	0	0	499	144	138	19	14	0.12	4.99	28
CO12498	CO12495	12.23	16 1-	4ACSR	0	0	491	144	138	19	14	0.08	5.07	19
CO12496	CO12498	12.29	16 1-	4ACSR	0	0	485	143	137	19	14	0.05	5.12	12
CO12497	CO12496	12.41	16 1-	4ACSR	0	0	475	142	137	19	14	0.09	5.22	20
CO17062	CO12497	12.53	14 1-	4ACSR	0	0	465	141	112	15	11	0.08	5.30	15
CO12102	CO17062	12.58	13 1-	4ACSR	0	0	462	141	112	15	11	0.03	5.33	6
CO11993	CO12102	12.62	1 1-	2ACSR	0	0	459	141	12	1	1	0.00	5.33	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12103	CO12102	12.62	12 1-	4ACSR	0	0	458	141	100	13	10	0.03	5.36	4
CO12078	CO12103	12.71	1 1-	2ACSR	0	0	453	140	11	1	1	0.00	5.36	0
CO12079	CO12078	12.77	1 1-	2ACSR	0	0	449	140	11	1	1	0.00	5.36	0
CO12063	CO12103	12.77	10 1-	4ACSR	0	0	447	139	89	12	9	0.08	5.43	11
CO17063	CO12063	12.82	9 1-	4ACSR	0	0	443	139	78	10	8	0.02	5.46	3
CO12426	CO17063	12.98	9 1-	4ACSR	0	0	432	138	78	10	8	0.07	5.53	10
CO12459	CO12426	13.05	1 1-	2ACSR	0	0	428	138	15	2	1	0.00	5.54	0
CO12433	CO12426	13.05	8 1-	2ACSR	0	0	428	138	63	8	5	0.02	5.55	0
CO12432	CO12433	13.18	8 1-	2ACSR	0	0	421	137	63	8	5	0.03	5.59	3
CO12330	CO12432	13.27	5 1-	2ACSR	0	0	416	136	44	6	3	0.02	5.60	0
CO12331	CO12330	13.33	4 1-	2ACSR	0	0	414	136	22	3	2	0.00	5.61	0
CO12427	CO12331	13.38	3 1-	2ACSR	0	0	411	136	13	1	1	0.00	5.61	0
CO12431	CO12427	13.45	3 1-	2ACSR	0	0	407	136	13	1	1	0.00	5.62	0
CO12428	CO12431	13.49	2 1-	2ACSR	0	0	405	135	13	1	1	0.00	5.62	0
CO-527725602	CO12428	13.61	1 1-	2ACSR	0	0	400	135	12	1	1	0.00	5.62	0
CO12430	CO12428	13.60	1 1-	2ACSR	0	0	400	135	1	0	0	0.00	5.62	0
CO12429	CO12430	13.84	1 1-	2ACSR	0	0	389	134	1	0	0	0.00	5.62	0
CO12360	CO12429	13.88	1 1-	4ACSR	0	0	387	133	1	0	0	0.00	5.62	0
CO12458	CO12429	13.86	0 1-	2ACSR	0	0	388	134	0	0	0	0.00	5.62	0
CO12456	CO12458	13.90	0 1-	2ACSR	0	0	387	133	0	0	0	0.00	5.62	0
CO12457	CO12456	13.94	0 1-	2ACSR	0	0	385	133	0	0	0	0.00	5.62	0
CO12359	CO12331	13.38	1 1-	2ACSR	0	0	411	136	9	1	1	0.00	5.61	0
CO12358	CO12330	13.31	1 1-	4ACSR	0	0	414	136	22	3	2	0.00	5.61	0
CO12357	CO12432	13.23	2 1-	2ACSR	0	0	418	137	6	0	0	0.00	5.59	0
CO12363	CO12432	13.22	1 1-	2ACSR	0	0	419	137	13	1	1	0.00	5.59	0
CO371685969	CO-1253669342	11.57	1 1-	2ACSR	0	0	567	150	0	0	0	0.00	3.91	0
CO12031	CO371685969	11.68	1 1-	4ACSR	0	0	554	149	0	0	0	0.00	3.91	0
OC-1639673566	CO12031	11.68	1 1-	20 N FUSE	0	0	554	149	0	0	0	0.00	3.91	0
CO12032	OC-1639673566	11.74	1 1-	4ACSR	0	0	548	149	0	0	0	0.00	3.91	0
CO12033	CO12032	11.79	1 1-	4ACSR	0	0	542	148	0	0	0	0.00	3.91	0
CO12034	CO12033	11.82	1 1-	4ACSR	0	0	539	148	0	0	0	0.00	3.91	0
CO12035	CO12034	12.02	1 1-	4ACSR	0	0	519	146	0	0	0	0.00	3.91	0
CO12036	CO12035	12.11	1 1-	4ACSR	0	0	510	146	0	0	0	0.00	3.91	0
CO12037	CO12036	12.18	1 1-	4ACSR	0	0	504	145	0	0	0	0.00	3.91	0
CO12038	CO12037	12.26	1 1-	4ACSR	0	0	497	144	0	0	0	0.00	3.91	0
CO12039	CO12038	12.37	1 1-	4ACSR	0	0	487	144	0	0	0	0.00	3.91	0
CO12133	OC-1639673566	11.79	0 1-	4ACSR	0	0	542	148	0	0	0	0.00	3.91	0
CO12134	CO12133	11.90	0 1-	4ACSR	0	0	531	147	0	0	0	0.00	3.91	0
CO11976	CO12133	11.85	0 1-	4ACSR	0	0	536	148	0	0	0	0.00	3.91	0
CO608781709	CO371685969	11.75	0 1-	2ACSR	0	0	551	149	0	0	0	0.00	3.91	0
CO1584457096	CO608781709	11.78	0 1-	2ACSR	0	0	548	149	0	0	0	0.00	3.91	0
SW-227680875-B	CO1584457096	11.78	0 1-	Closed	0	0	548	149	0	0	0	0.00	3.91	0
SW-227680875-A	SW-227680875-B	11.78	0 1-	Closed	0	0	548	149	0	0	0	0.00	3.91	0
CO-245478536	CO608781709	11.78	0 1-	2ACSR	0	0	548	149	0	0	0	0.00	3.91	0
SW2014815443-B	CO-245478536	11.78	0 1-	Closed	0	0	548	149	0	0	0	0.00	3.91	0
SW2014815443-A	SW2014815443-B	11.78	0 1-	Closed	0	0	548	149	0	0	0	0.00	3.91	0
OH349	CO12080	10.79	15 1-	4ACSR	0	0	640	154	56	7	5	0.09	3.52	8
CO12379	OH349	11.08	14 1-	4ACSR	0	0	600	152	56	7	5	0.10	3.62	9
CO12477	CO12379	11.18	14 1-	4ACSR	0	0	588	151	56	7	5	0.03	3.65	3
CO12476	CO12477	11.30	13 1-	4ACSR	0	0	573	150	55	7	5	0.04	3.69	4
CO12478	CO12476	11.35	13 1-	4ACSR	0	0	567	149	55	7	5	0.02	3.71	0
CO12480	CO12478	11.46	3 1-	4ACSR	0	0	555	148	5	0	0	0.00	3.71	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12479	CO12480	11.50	1 1-	4ACSR	0	0	551	148	1	0	0	0.00	3.71	0
CO12380	CO12479	11.54	0 1-	4ACSR	0	0	547	148	0	0	0	0.00	3.71	0
CO12401	CO12478	11.51	10 1-	4ACSR	0	0	549	148	50	6	5	0.05	3.75	4
CO12400	CO12401	11.59	9 1-	4ACSR	0	0	542	147	45	6	4	0.02	3.77	0
CO12402	CO12400	11.65	9 1-	4ACSR	0	0	535	147	45	6	4	0.02	3.79	0
CO12399	CO12402	11.74	7 1-	4ACSR	0	0	526	146	35	4	3	0.01	3.80	0
CO12403	CO12399	11.88	6 1-	4ACSR	0	0	511	145	19	2	2	0.02	3.82	0
CO12390	CO12403	12.08	5 1-	4ACSR	0	0	493	143	18	2	2	0.02	3.84	0
CO12500	CO12390	12.16	4 1-	4ACSR	0	0	487	143	10	1	1	0.00	3.84	0
OC32944867	CO12500	12.16	2 1-	20 N FUSE	0	0	487	143	5	0	3	0.00	3.84	0
CO12501	OC32944867	12.25	2 1-	4ACSR	0	0	478	142	5	0	0	0.00	3.85	0
CO12407	CO12501	12.39	1 1-	4ACSR	0	0	467	141	0	0	0	0.00	3.85	0
CO12404	CO12407	12.64	1 1-	4ACSR	0	0	448	139	0	0	0	0.00	3.85	0
CO12406	CO12404	12.82	0 1-	4ACSR	0	0	434	138	0	0	0	0.00	3.85	0
CO12405	CO12406	12.87	0 1-	4ACSR	0	0	431	137	0	0	0	0.00	3.85	0
CO12317	CO12501	12.38	1 1-	4ACSR	0	0	467	141	5	0	0	0.00	3.85	0
CO12368	CO12500	12.18	2 1-	2ACSR	0	0	485	143	5	0	0	0.00	3.84	0
CO12338	CO12403	11.96	1 1-	4ACSR	0	0	504	144	1	0	0	0.00	3.82	0
CO12339	OH349	10.84	1 1-	4ACSR	0	0	633	154	0	0	0	0.00	3.52	0
CO-1577574445	CO12339	10.92	1 1-	2ACSR	0	0	624	153	0	0	0	0.00	3.52	0
CO12116	CO12115	10.10	3 1-	4ACSR	0	0	735	159	41	5	4	0.01	2.87	0
CO12114	CO12116	10.16	3 1-	4ACSR	0	0	724	159	41	5	4	0.01	2.89	0
CO-455281989	CO12114	10.40	3 1-	2ACSR	0	0	691	157	41	5	3	0.04	2.93	3
CO-1814840962	CO-455281989	10.48	1 1-	2ACSR	0	0	681	157	6	0	0	0.00	2.93	0
CO1722314967	CO-455281989	10.52	2 1-	2ACSR	0	0	676	156	35	4	3	0.02	2.94	0
CO318917733	CO1722314967	10.60	2 1-	2ACSR	0	0	666	156	35	4	3	0.01	2.95	0
CO668678618	CO318917733	10.74	1 1-	2ACSR	0	0	649	155	15	2	1	0.01	2.96	0
CO-766595358	CO668678618	10.79	1 1-	2ACSR	0	0	643	155	15	2	1	0.00	2.96	0
CO11991	CO11953	9.88	0 1-	2ACSR	0	0	779	162	0	0	0	0.00	2.36	0
CO11954	CO11953	9.88	17 1-	4ACSR	0	0	777	161	69	9	7	0.03	2.38	3
CO12070	CO11954	9.91	6 1-	4ACSR	0	0	772	161	32	4	3	0.00	2.39	0
CO-2017950116	CO12070	9.96	5 1-	2ACSR	0	0	763	161	26	3	2	0.00	2.39	0
CO12030	CO11954	9.93	3 1-	4ACSR	0	0	767	161	12	1	1	0.00	2.39	0
CO12029	CO12030	10.01	3 1-	4ACSR	0	0	752	160	12	1	1	0.01	2.39	0
CO12066	CO12029	10.03	3 1-	4ACSR	0	0	748	160	12	1	1	0.00	2.39	0
CO-40813081	CO12066	10.06	0 1-	2ACSR	0	0	744	160	0	0	0	0.00	2.39	0
CO12117	CO-40813081	10.09	0 1-	4ACSR	0	0	738	159	0	0	0	0.00	2.39	0
CO12118	CO12117	10.14	0 1-	4ACSR	0	0	729	159	0	0	0	0.00	2.39	0
CO12069	CO12118	10.19	0 1-	4ACSR	0	0	720	159	0	0	0	0.00	2.39	0
CO163686979	CO12066	10.08	3 1-	4ACSR	0	0	739	159	12	1	1	0.00	2.40	0
CO-1690954910	CO163686979	10.10	2 1-	4ACSR	0	0	736	159	8	1	1	0.00	2.40	0
CO-1060800752	CO163686979	10.14	1 1-	2ACSR	0	0	731	159	4	0	0	0.00	2.40	0
CO11977	CO12121	9.82	2 1-	4ACSR	0	0	788	162	2	0	0	0.00	2.22	0
CO12112	CO11952	9.70	0 1-	4ACSR	0	0	813	163	0	0	0	0.00	1.84	0
CO12113	CO12112	9.73	0 1-	4ACSR	0	0	807	163	0	0	0	0.00	1.84	0
CO-553770416	XFMR348	9.55	1 1-	2ACSR	0	0	846	165	0	0	0	0.00	1.63	0
CO12119	CO-553770416	9.70	1 1-	4ACSR	0	0	813	163	0	0	0	0.00	1.63	0
CO12068	CO12119	9.85	0 1-	4ACSR	0	0	783	162	0	0	0	0.00	1.63	0
CO11978	XFMR348	9.58	2 1-	4ACSR	0	0	839	164	4	0	0	0.00	1.63	0
CO11968+	CO-2079112698	8.97	1 1-	4ACSR	0	0	844	274	0	0	0	0.00	0.58	0
CO12061+	CO12055	7.99	1 1-	4ACSR	0	0	953	284	3	0	0	0.00	4.36	0
OC983143865+	CO12061	7.99	1 1-	20 N FUSE	0	0	953	284	3	0	1	0.00	4.36	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12062+	OC983143865	8.10	1 1-	4ACSR	0	0	936	282	3	0	0	0.00	4.36	0
CO12060+	CO12062	8.20	1 1-	4ACSR	0	0	920	280	3	0	0	0.00	4.36	0
CO12059+	CO12060	8.34	1 1-	4ACSR	0	0	897	278	3	0	0	0.00	4.36	0
CO12058+	CO12059	8.47	1 1-	4ACSR	0	0	878	276	3	0	0	0.00	4.36	0
CO12057+	CO12058	8.51	1 1-	4ACSR	0	0	873	276	3	0	0	0.00	4.36	0
CO12056+	CO12057	8.58	1 1-	4ACSR	0	0	863	275	3	0	0	0.00	4.36	0
CO11989+	CO12053	7.47	1 1-	4ACSR	0	0	1031	290	19	1	1	0.00	4.18	0
OC-1119288583+	CO11989	7.47	0 1-	20 N FUSE	0	0	1031	290	0	0	0	0.00	4.18	0
CO12110+	CO12105	7.25	0 1-	4ACSR	0	0	1061	292	0	0	0	0.00	4.09	0
OC2037110632+	CO12110	7.25	0 1-	20 N FUSE	0	0	1061	292	0	0	0	0.00	4.09	0
CO12111+	OC2037110632	7.31	0 1-	4ACSR	0	0	1049	291	0	0	0	0.00	4.09	0
CO12108+	CO12105	7.24	0 1-	4ACSR	0	0	1063	292	0	0	0	0.00	4.09	0
OC1702957445+	CO12108	7.24	0 1-	20 N FUSE	0	0	1063	292	0	0	0	0.00	4.09	0
CO12109+	OC1702957445	7.26	0 1-	4ACSR	0	0	1059	291	0	0	0	0.00	4.09	0
CO11961+	CO11960	6.81	9 1-	6ACWC	0	0	1112	294	28	1	1	0.01	3.84	0
OC-1936078038+	CO11961	6.81	9 1-	20 N FUSE	0	0	1112	294	28	1	10	0.00	3.84	0
CO11985+	OC-1936078038	6.93	2 1-	6ACWC	0	0	1086	292	15	1	1	0.00	3.84	0
CO12044+	OC-1936078038	6.91	7 1-	6ACWC	0	0	1091	292	13	0	1	0.00	3.84	0
CO12045+	CO12044	7.05	7 1-	6ACWC	0	0	1061	290	13	0	1	0.00	3.84	0
CO11962+	CO12045	7.35	6 1-	6ACWC	0	0	1002	286	8	0	0	0.00	3.85	0
CO17039+	CO11962	7.42	3 1-	6ACWC	0	0	989	284	3	0	0	0.00	3.85	0
OC1246202222+	CO17039	7.42	2 1-	20 N FUSE	0	0	989	284	1	0	0	0.00	3.85	0
CO10653+	OC1246202222	7.47	2 1-	6ACWC	0	0	980	284	1	0	0	0.00	3.85	0
CO10628+	CO10653	7.75	2 1-	6ACWC	0	0	931	279	1	0	0	0.00	3.85	0
CO10629+	CO10628	7.89	1 1-	6ACWC	0	0	909	277	0	0	0	0.00	3.85	0
CO12046+	CO11962	7.61	3 1-	6ACWC	0	0	955	282	5	0	0	0.00	3.85	0
CO17038+	CO12046	7.82	3 1-	6ACWC	0	0	920	278	5	0	0	0.00	3.85	0
CO10591+	CO17038	7.90	2 1-	6ACWC	0	0	907	277	3	0	0	0.00	3.85	0
CO11986+	CO12045	7.10	0 1-	6ACWC	0	0	1051	289	0	0	0	0.00	3.84	0
CO11984+	CO11959	6.62	1 1-	4ACSR	0	0	1153	297	8	0	0	0.00	3.81	0
OC-1443478761+	CO11984	6.62	0 1-	20 N FUSE	0	0	1153	297	0	0	0	0.00	3.81	0
CO11957+	CO11997	6.82	6 1-	6ACWC	0	0	1100	293	17	1	1	0.01	3.78	0
OC1008387801+	CO11957	6.82	6 1-	25 L OCR	0	0	1100	293	17	1	5	0.00	3.78	0
CO12042+	OC1008387801	6.86	5 1-	6ACWC	0	0	1091	292	8	0	0	0.00	3.78	0
CO12043+	CO12042	6.94	4 1-	6ACWC	0	0	1074	291	1	0	0	0.00	3.78	0
CO11998+	CO12043	7.41	4 1-	6ACWC	0	0	981	284	1	0	0	0.00	3.78	0
CO11982+	CO11998	7.67	0 1-	6ACWC	0	0	936	280	0	0	0	0.00	3.78	0
CO11958+	CO11998	8.04	3 1-	6ACWC	0	0	879	274	1	0	0	0.00	3.78	0
CO17060+	CO11958	8.11	1 1-	6ACWC	0	0	869	273	1	0	0	0.00	3.78	0
CO12088+	CO11958	8.07	2 1-	6ACWC	0	0	875	274	0	0	0	0.00	3.78	0
CO17061+	CO12088	8.28	1 1-	6ACWC	0	0	846	271	0	0	0	0.00	3.78	0
CO11981+	OC1008387801	6.88	1 1-	4ACSR	0	0	1087	292	9	0	0	0.00	3.78	0
CO11983+	CO11997	6.56	3 1-	4ACSR	0	0	1160	297	26	1	1	0.00	3.77	0
OC-448812895+	CO11983	6.56	0 1-	20 N FUSE	0	0	1160	297	0	0	0	0.00	3.77	0
CO385859353+	CO11996	6.48	1 1-	2ACSR	0	0	1176	298	11	0	0	0.00	3.72	0
CO11980+	CO11956	6.47	2 1-	4ACSR	0	0	1162	296	3	0	0	0.00	3.66	0
CO11979+	CO17128	6.03	0 1-	4ACSR	0	0	1255	302	0	0	0	0.00	3.53	0
CO11812+	CO11923	5.97	51 1-	6ACWC	0	0	1247	301	257	17	13	0.09	3.51	36
CO17133+	CO11812	6.17	3 1-	4ACSR	0	0	1192	297	19	1	1	0.01	3.51	0
OC1267199240+	CO17133	6.17	3 1-	20 N FUSE	0	0	1192	297	19	1	6	0.00	3.51	0
CO12074+	OC1267199240	6.26	3 1-	4ACSR	0	0	1170	296	19	1	1	0.00	3.52	0
CO11995+	CO12074	6.33	3 1-	2ACSR	0	0	1155	295	19	1	1	0.00	3.52	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1774360648+	CO11995	6.37	1 1-	1/0PRIURD	0	0	1149	579	0	0	0	0.00	3.52	0
CO-1288678395+	CO11995	6.36	1 1-	1/0PRIURD	0	0	1151	579	11	0	1	0.00	3.52	0
CO12075+	CO12074	6.39	0 1-	4ACSR	0	0	1138	294	0	0	0	0.00	3.52	0
CO11938+	CO11812	5.98	47 1-	4ACSR	0	0	1245	300	234	16	12	0.00	3.51	0
OC332+	CO11938	5.98	47 1-	35 H OCR	0	0	1245	300	234	16	46	0.00	3.51	0
CO11939+	OC332	6.07	47 1-	4ACSR	0	0	1219	299	234	16	12	0.03	3.54	13
CO11924+	CO11939	6.15	45 1-	4ACSR	0	0	1198	298	230	15	11	0.03	3.57	10
CO11925+	CO11924	6.21	45 1-	4ACSR	0	0	1182	297	230	15	11	0.02	3.59	8
CO11854+	CO11925	6.27	2 1-	4ACSR	0	0	1167	296	3	0	0	0.00	3.59	0
CO11813+	CO11925	6.28	42 1-	4ACSR	0	0	1164	295	223	15	11	0.02	3.62	9
CO11814+	CO11813	6.35	41 1-	4ACSR	0	0	1146	294	214	14	11	0.03	3.64	9
CO11928+	CO11814	6.49	41 1-	6ACWC	0	0	1112	292	214	14	11	0.05	3.69	16
CO11929+	CO11928	6.65	41 1-	6ACWC	0	0	1077	289	214	14	11	0.05	3.74	18
CO11930+	CO11929	6.83	40 1-	6ACWC	0	0	1040	287	214	14	11	0.06	3.80	20
CO11828+	CO11930	7.04	0 1-	4ACSR	0	0	998	283	0	0	0	0.00	3.80	0
CO11932+	CO11930	6.90	2 1-	4ACSR	0	0	1026	286	12	0	1	0.00	3.80	0
CO11934+	CO11932	6.91	2 1-	4ACSR	0	0	1023	285	12	0	1	0.00	3.80	0
CO11935+	CO11934	6.94	1 1-	4ACSR	0	0	1016	285	8	0	0	0.00	3.80	0
CO11936+	CO11935	6.99	1 1-	4ACSR	0	0	1008	284	8	0	0	0.00	3.80	0
CO11937+	CO11936	7.02	0 1-	4ACSR	0	0	1003	284	0	0	0	0.00	3.80	0
CO11933+	CO11937	7.09	0 1-	4ACSR	0	0	989	283	0	0	0	0.00	3.80	0
CO11931+	CO11930	6.84	38 1-	6ACWC	0	0	1037	286	202	13	10	0.00	3.80	0
CO17029+	CO11931	7.11	37 1-	6ACWC	0	0	985	282	199	13	10	0.08	3.88	27
OC1495990264+	CO17029	7.11	37 1-	20 N FUSE	0	0	985	282	199	13	69	0.00	3.88	0
CO10330+	OC1495990264	7.15	1 1-	4ACSR	0	0	977	282	1	0	0	0.00	3.88	0
CO10329+	OC1495990264	7.30	1 1-	4ACSR	0	0	952	280	7	0	0	0.00	3.88	0
CO10443+	OC1495990264	7.15	35 1-	6ACWC	0	0	979	282	191	13	9	0.01	3.89	3
CO10444+	CO10443	7.60	33 1-	6ACWC	0	0	902	275	178	12	9	0.12	4.02	37
CO10506+	CO10444	7.65	24 1-	6ACWC	0	0	896	275	119	8	6	0.01	4.03	0
CO10362+	CO10506	7.73	1 1-	4ACSR	0	0	883	273	8	0	0	0.00	4.03	0
CO10507+	CO10506	7.77	23 1-	6ACWC	0	0	878	273	111	7	5	0.02	4.05	4
CO10441+	CO10507	7.80	20 1-	6ACWC	0	0	873	272	101	6	5	0.00	4.05	0
CO10442+	CO10441	7.93	17 1-	6ACWC	0	0	854	271	83	5	4	0.02	4.07	2
CO10332+	CO10442	7.99	1 1-	4ACSR	0	0	846	270	0	0	0	0.00	4.07	0
CO10312+	CO10442	7.97	15 1-	6ACWC	0	0	849	270	80	5	4	0.00	4.07	0
CO10333+	CO10312	8.03	1 1-	4ACSR	0	0	841	269	14	1	1	0.00	4.07	0
CO10313+	CO10312	8.04	14 1-	6ACWC	0	0	839	269	66	4	3	0.01	4.08	0
CO10449+	CO10313	8.29	5 1-	4ACSR	0	0	807	266	29	1	1	0.01	4.09	0
OC-684441453+	CO10449	8.29	3 1-	20 N FUSE	0	0	807	266	24	1	8	0.00	4.09	0
CO-1214204686+	OC-684441453	8.33	0 1-	2ACSR	0	0	803	265	0	0	0	0.00	4.09	0
CO10450+	OC-684441453	8.45	3 1-	4ACSR	0	0	787	264	24	1	1	0.01	4.10	0
CO10334+	CO10450	8.61	1 1-	4ACSR	0	0	768	261	13	0	1	0.00	4.10	0
CO10453+	CO10450	8.62	2 1-	4ACSR	0	0	767	261	10	0	1	0.00	4.10	0
CO10454+	CO10453	8.77	1 1-	4ACSR	0	0	750	259	6	0	0	0.00	4.10	0
CO17031+	CO10454	9.00	1 1-	4ACSR	0	0	725	256	6	0	0	0.00	4.10	0
CO11830+	CO17031	9.22	0 1-	4ACSR	0	0	704	254	0	0	0	0.00	4.10	0
CO11829+	CO17031	9.06	1 1-	4ACSR	0	0	720	256	6	0	0	0.00	4.10	0
CO10314+	CO10313	8.21	9 1-	6ACWC	0	0	817	267	37	2	2	0.01	4.09	0
CO10327+	CO10314	8.44	2 1-	6ACWC	0	0	789	264	13	0	1	0.00	4.09	0
OC860588340+	CO10327	8.44	2 1-	20 N FUSE	0	0	789	264	13	0	5	0.00	4.09	0
CO10356+	OC860588340	8.50	1 1-	750 MCM - 42 Wi	0	0	787	264	12	0	0	0.00	4.09	0
CO10400+	OC860588340	8.45	1 1-	6ACWC	0	0	787	264	2	0	0	0.00	4.09	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10401+	CO10400	8.53	0 1-	6ACWC	0	0	778	263	0	0	0	0.00	4.09	0
CO10402+	CO10401	8.74	0 1-	6ACWC	0	0	754	260	0	0	0	0.00	4.09	0
CO10403+	CO10402	8.90	0 1-	6ACWC	0	0	737	258	0	0	0	0.00	4.09	0
CO10416+	CO10314	8.27	2 1-	4ACSR	0	0	809	266	6	0	0	0.00	4.09	0
CO10417+	CO10416	8.34	1 1-	4ACSR	0	0	801	265	5	0	0	0.00	4.09	0
CO10447+	CO10314	8.35	5 1-	6ACWC	0	0	799	265	18	1	1	0.00	4.09	0
CO10448+	CO10447	8.58	4 1-	6ACWC	0	0	772	262	17	1	1	0.01	4.10	0
CO10436+	CO10448	8.63	4 1-	6ACWC	0	0	767	261	17	1	1	0.00	4.10	0
CO10366+	CO10436	8.78	1 1-	4ACSR	0	0	750	259	1	0	0	0.00	4.10	0
CO10367+	CO10366	9.08	0 1-	4ACSR	0	0	719	256	0	0	0	0.00	4.10	0
CO10315+	CO10436	8.74	2 1-	4ACSR	0	0	754	260	13	0	1	0.00	4.10	0
CO10336+	CO10315	8.77	1 1-	4ACSR	0	0	750	259	1	0	0	0.00	4.10	0
CO10335+	CO10315	8.77	1 1-	4ACSR	0	0	750	259	12	0	1	0.00	4.10	0
CO10414+	CO10507	7.82	1 1-	4ACSR	0	0	869	272	9	0	0	0.00	4.05	0
CO10415+	CO10414	7.85	1 1-	4ACSR	0	0	865	272	9	0	0	0.00	4.05	0
CO10490+	CO10507	7.79	2 1-	4ACSR	0	0	874	273	1	0	0	0.00	4.05	0
CO10491+	CO10490	7.84	1 1-	4ACSR	0	0	867	272	1	0	0	0.00	4.05	0
CO10431+	CO10444	7.80	6 1-	4ACSR	0	0	873	272	48	3	2	0.01	4.03	0
CO10432+	CO10431	7.87	6 1-	4ACSR	0	0	862	271	48	3	2	0.00	4.04	0
CO10311+	CO10432	8.00	4 1-	4ACSR	0	0	844	270	32	2	2	0.01	4.04	0
CO10433+	CO10311	8.12	1 1-	4ACSR	0	0	827	268	6	0	0	0.00	4.04	0
CO10434+	CO10433	8.21	0 1-	4ACSR	0	0	816	267	0	0	0	0.00	4.04	0
CO10435+	CO10434	8.30	0 1-	4ACSR	0	0	805	266	0	0	0	0.00	4.04	0
CO10413+	CO10311	8.01	3 1-	4ACSR	0	0	843	269	26	1	1	0.00	4.04	0
CO10514+	CO10413	8.06	3 1-	4ACSR	0	0	837	269	26	1	1	0.00	4.05	0
CO10515+	CO10514	8.09	1 1-	4ACSR	0	0	831	268	8	0	0	0.00	4.05	0
CO10360+	CO10514	8.09	1 1-	2ACSR	0	0	833	268	7	0	0	0.00	4.05	0
CO10331+	CO10432	7.94	1 1-	4ACSR	0	0	852	270	8	0	0	0.00	4.04	0
CO10430+	CO10444	7.69	3 1-	4ACSR	0	0	889	274	10	0	0	0.00	4.02	0
OC-26786578+	CO10430	7.69	2 1-	20 N FUSE	0	0	889	274	9	0	3	0.00	4.02	0
CO10445+	OC-26786578	7.82	2 1-	4ACSR	0	0	869	272	9	0	0	0.00	4.02	0
CO10446+	CO10445	8.15	1 1-	4ACSR	0	0	824	268	3	0	0	0.00	4.02	0
CO17030+	CO10446	8.30	1 1-	4ACSR	0	0	805	265	3	0	0	0.00	4.02	0
CO11904+	CO17030	8.38	1 1-	4ACSR	0	0	795	264	3	0	0	0.00	4.02	0
CO11905+	CO11904	8.49	1 1-	4ACSR	0	0	782	263	3	0	0	0.00	4.02	0
CO11906+	CO11905	8.55	1 1-	4ACSR	0	0	774	262	3	0	0	0.00	4.02	0
CO11907+	CO11906	8.76	1 1-	4ACSR	0	0	751	259	3	0	0	0.00	4.03	0
CO11908+	CO11907	8.88	1 1-	4ACSR	0	0	738	258	3	0	0	0.00	4.03	0
CO11909+	CO11908	8.92	1 1-	4ACSR	0	0	734	257	3	0	0	0.00	4.03	0
CO11926+	CO11814	6.61	0 1-	4ACSR	0	0	1085	290	0	0	0	0.00	3.64	0
CO11927+	CO11926	6.69	0 1-	4ACSR	0	0	1068	289	0	0	0	0.00	3.64	0
CO11853+	CO11813	6.34	1 1-	4ACSR	0	0	1150	294	9	0	0	0.00	3.62	0
CO11915+	CO11809	4.67	5 1-	6ACWC	0	0	1566	313	10	0	0	0.00	2.82	0
CO-446868245+	CO11915	4.73	5 1-	6ACWC	0	0	1540	312	10	0	0	0.00	2.82	0
CO1665880587+	CO-446868245	4.91	4 1-	6ACWC	0	0	1466	309	9	0	0	0.00	2.82	0
CO11824+	CO1665880587	4.97	1 1-	4ACSR	0	0	1442	308	5	0	0	0.00	2.82	0
CO11942+	CO1665880587	4.91	3 1-	6ACWC	0	0	1464	309	4	0	0	0.00	2.82	0
OC331+	CO11942	4.91	3 1-	35 H OCR	0	0	1464	309	4	0	1	0.00	2.82	0
CO11943+	OC331	4.92	3 1-	6ACWC	0	0	1460	308	4	0	0	0.00	2.82	0
CO11944+	CO11943	5.02	2 1-	6ACWC	0	0	1422	307	1	0	0	0.00	2.82	0
CO11918+	CO11944	5.20	1 1-	6ACWC	0	0	1359	304	0	0	0	0.00	2.82	0
CO11825+	CO11918	5.26	0 1-	4ACSR	0	0	1337	302	0	0	0	0.00	2.82	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11810+	CO11918	5.60	1 1-	6ACWC	0	0	1233	297	0	0	0	0.00	2.82	0
CO11826+	CO11810	5.84	1 1-	4ACSR	0	0	1169	293	0	0	0	0.00	2.82	0
CO11919+	CO11810	6.05	0 1-	6ACWC	0	0	1116	290	0	0	0	0.00	2.82	0
CO11920+	CO11919	6.44	0 1-	6ACWC	0	0	1032	284	0	0	0	0.00	2.82	0
CO11811+	CO11920	6.94	0 1-	6ACWC	0	0	938	276	0	0	0	0.00	2.82	0
CO11827+	CO11920	6.53	0 1-	4ACSR	0	0	1013	282	0	0	0	0.00	2.82	0
CO-1135043389+	CO-446868245	4.85	1 1-	6ACWC	0	0	1491	310	1	0	0	0.00	2.82	0
CO12311+	CO12211	3.99	19 1-	4ACSR	0	0	1812	320	84	5	4	0.00	2.46	0
OC340+	CO12311	3.99	19 1-	50 L OCR	0	0	1812	320	84	5	0	0.00	2.46	0
CO12310+	OC340	4.07	19 1-	4ACSR	0	0	1762	318	84	5	4	0.01	2.48	0
CO12230+	CO12310	4.12	18 1-	4ACSR	0	0	1737	317	83	5	4	0.01	2.48	0
CO12229+	CO12230	4.29	17 1-	4ACSR	0	0	1649	314	80	5	4	0.02	2.50	3
CO12139+	CO12229	4.40	17 1-	4ACSR	0	0	1591	312	80	5	4	0.01	2.52	0
CO12140+	CO12139	4.59	16 1-	4ACSR	0	0	1506	309	72	4	4	0.02	2.54	2
CO12142+	CO12140	4.69	14 1-	4ACSR	0	0	1467	307	66	4	3	0.01	2.55	0
CO12146+	CO12142	4.84	5 1-	4ACSR	0	0	1408	304	30	2	1	0.01	2.55	0
CO12221+	CO12146	4.89	4 1-	4ACSR	0	0	1391	304	20	1	1	0.00	2.55	0
CO12220+	CO12221	5.03	4 1-	4ACSR	0	0	1341	301	20	1	1	0.00	2.56	0
OC-1111041743+	CO12220	5.03	4 1-	20 N FUSE	0	0	1341	301	20	1	7	0.00	2.56	0
CO17139+	OC-1111041743	5.51	1 1-	4ACSR	0	0	1194	293	0	0	0	0.00	2.56	0
CO11910+	CO17139	5.81	1 1-	4ACSR	0	0	1117	289	0	0	0	0.00	2.56	0
CO12147+	OC-1111041743	5.25	2 1-	4ACSR	0	0	1270	298	11	0	1	0.00	2.56	0
CO12148+	CO12147	5.27	1 1-	4ACSR	0	0	1263	297	9	0	0	0.00	2.56	0
CO12179+	CO12148	5.32	0 1-	4ACSR	0	0	1248	296	0	0	0	0.00	2.56	0
CO12150+	CO12148	5.33	1 1-	4ACSR	0	0	1244	296	9	0	0	0.00	2.56	0
CO17140+	CO12150	5.45	0 1-	4ACSR	0	0	1209	294	0	0	0	0.00	2.56	0
CO12411+	CO17140	5.90	0 1-	4ACSR	0	0	1095	287	0	0	0	0.00	2.56	0
CO12280+	CO12150	5.41	1 1-	4ACSR	0	0	1223	295	9	0	0	0.00	2.56	0
CO12279+	CO12280	5.46	1 1-	4ACSR	0	0	1208	294	9	0	0	0.00	2.56	0
CO12178+	CO12147	5.31	1 1-	4ACSR	0	0	1252	297	3	0	0	0.00	2.56	0
CO12177+	OC-1111041743	5.12	1 1-	4ACSR	0	0	1309	300	8	0	0	0.00	2.56	0
CO12277+	CO12146	4.96	1 1-	4ACSR	0	0	1365	302	10	0	0	0.00	2.55	0
CO12276+	CO12277	5.03	1 1-	4ACSR	0	0	1341	301	10	0	0	0.00	2.56	0
CO12149+	CO12142	4.84	7 1-	4ACSR	0	0	1409	304	29	1	1	0.01	2.55	0
CO12232+	CO12149	4.92	4 1-	4ACSR	0	0	1379	303	17	1	1	0.00	2.55	0
CO12231+	CO12232	5.12	3 1-	4ACSR	0	0	1309	300	9	0	0	0.00	2.56	0
CO-1369502799+	CO12231	5.40	0 1-	2ACSR	0	0	1242	296	0	0	0	0.00	2.56	0
CO-55311756+	CO-1369502799	5.41	0 1-	2ACSR	0	0	1239	296	0	0	0	0.00	2.56	0
CO12265+	CO12231	5.28	2 1-	4ACSR	0	0	1260	297	9	0	0	0.00	2.56	0
CO12267+	CO12265	5.32	1 1-	4ACSR	0	0	1249	296	7	0	0	0.00	2.56	0
CO12266+	CO12267	5.36	1 1-	4ACSR	0	0	1237	296	7	0	0	0.00	2.56	0
CO12181+	CO12149	4.88	3 1-	4ACSR	0	0	1395	304	12	0	1	0.00	2.55	0
CO12172+	CO12142	4.79	1 1-	4ACSR	0	0	1427	305	0	0	0	0.00	2.55	0
CO12171+	CO12142	4.73	1 1-	4ACSR	0	0	1451	306	8	0	0	0.00	2.55	0
CO12141+	CO12140	4.78	1 1-	4ACSR	0	0	1430	305	0	0	0	0.00	2.54	0
OC246926637+	CO12141	4.78	1 1-	20 N FUSE	0	0	1430	305	0	0	0	0.00	2.54	0
CO12183+	OC246926637	4.86	1 1-	4ACSR	0	0	1401	304	0	0	0	0.00	2.54	0
CO12182+	OC246926637	5.02	0 1-	4ACSR	0	0	1344	301	0	0	0	0.00	2.54	0
CO12170+	CO12139	4.48	1 1-	4ACSR	0	0	1558	311	8	0	0	0.00	2.52	0
CO12216+	CO12229	4.37	0 1-	4ACSR	0	0	1609	313	0	0	0	0.00	2.50	0
CO12213+	CO12216	4.46	0 1-	4ACSR	0	0	1565	311	0	0	0	0.00	2.50	0
CO12215+	CO12213	4.59	0 1-	4ACSR	0	0	1508	309	0	0	0	0.00	2.50	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL2214+	COL2215	4.78	0 1-	4ACSR	0	0	1430	305	0	0	0	0.00	2.50	0
COL2180+	COL2211	4.02	1 1-	4ACSR	0	0	1792	319	3	0	0	0.00	2.46	0
COL2168+	COL2138	3.16	0 1-	4ACSR	0	0	2180	327	0	0	0	0.00	1.97	0
COL2167+	COL2301	3.08	0 1-	4ACSR	0	0	2230	327	0	0	0	0.00	1.93	0
OC-1586059166+	COL2167	3.08	0 1-	20 N FUSE	0	0	2230	327	0	0	0	0.00	1.93	0
COL11865+	COL11864	2.52	2 1-	4ACSR	0	0	2617	333	3	0	0	0.00	1.62	0
OC-1712687299+	COL11865	2.52	2 1-	20 N FUSE	0	0	2617	333	3	0	1	0.00	1.62	0
COL11866+	OC-1712687299	2.62	2 1-	4ACSR	0	0	2500	331	3	0	0	0.00	1.62	0
COL11846+	COL11866	2.66	0 1-	4ACSR	0	0	2453	330	0	0	0	0.00	1.62	0
COL11845+	COL11866	2.69	1 1-	4ACSR	0	0	2419	329	0	0	0	0.00	1.62	0
COL11867+	COL11817	2.09	39 1-	4ACSR	0	0	3011	337	133	9	6	0.01	1.39	3
COL11868+	COL11867	2.21	38 1-	4ACSR	0	0	2819	334	120	8	6	0.02	1.41	4
COL11940+	COL11868	2.22	35 1-	4ACSR	0	0	2810	334	110	7	5	0.00	1.41	0
OC333+	COL11940	2.22	35 1-	35 L OCR	0	0	2810	334	110	7	21	0.00	1.41	0
COL11941+	OC333	2.31	35 1-	4ACSR	0	0	2689	332	110	7	5	0.01	1.42	3
COL11869+	COL11941	2.39	1 1-	4ACSR	0	0	2591	331	3	0	0	0.00	1.43	0
COL11870+	COL11869	2.43	1 1-	4ACSR	0	0	2541	330	3	0	0	0.00	1.43	0
COL11871+	COL11941	2.40	34 1-	4ACSR	0	0	2567	330	107	7	5	0.02	1.44	3
COL11872+	COL11871	2.44	33 1-	4ACSR	0	0	2526	330	103	6	5	0.01	1.45	0
COL11873+	COL11872	2.48	32 1-	4ACSR	0	0	2480	329	97	6	5	0.01	1.45	0
COL11836+	COL11873	2.53	1 1-	4ACSR	0	0	2427	328	4	0	0	0.00	1.45	0
COL11878+	COL11873	2.58	27 1-	4ACSR	0	0	2367	327	76	5	4	0.01	1.46	0
COL11879+	COL11878	2.62	27 1-	4ACSR	0	0	2327	326	76	5	4	0.00	1.47	0
COL11837+	COL11879	2.72	1 1-	4ACSR	0	0	2235	324	2	0	0	0.00	1.47	0
COL11880+	COL11879	2.64	26 1-	4ACSR	0	0	2306	326	74	5	4	0.00	1.47	0
COL11881+	COL11880	2.74	25 1-	4ACSR	0	0	2212	324	71	4	3	0.01	1.48	0
COL11882+	COL11881	2.90	24 1-	4ACSR	0	0	2069	321	71	4	3	0.02	1.50	0
COL11883+	COL11882	3.01	24 1-	4ACSR	0	0	1989	319	71	4	3	0.01	1.51	0
COL11884+	COL11883	3.05	23 1-	4ACSR	0	0	1957	318	63	4	3	0.00	1.51	0
COL11885+	COL11884	3.08	22 1-	4ACSR	0	0	1937	317	62	4	3	0.00	1.52	0
COL11888+	COL11885	3.24	20 1-	4ACSR	0	0	1825	314	61	4	3	0.02	1.53	0
COL11889+	COL11888	3.27	20 1-	4ACSR	0	0	1810	314	61	4	3	0.00	1.53	0
COL11840+	COL11889	3.36	1 1-	4ACSR	0	0	1752	312	10	0	0	0.00	1.53	0
COL11890+	COL11889	3.34	18 1-	4ACSR	0	0	1764	313	50	3	2	0.01	1.54	0
COL11891+	COL11890	3.43	18 1-	4ACSR	0	0	1711	311	50	3	2	0.01	1.55	0
COL11892+	COL11891	3.47	18 1-	4ACSR	0	0	1691	310	50	3	2	0.00	1.55	0
COL11895+	COL11892	3.57	15 1-	4ACSR	0	0	1635	308	37	2	2	0.01	1.55	0
COL11896+	COL11895	3.70	15 1-	4ACSR	0	0	1571	306	37	2	2	0.01	1.56	0
COL11897+	COL11896	3.75	14 1-	4ACSR	0	0	1549	305	32	2	2	0.00	1.56	0
COL11898+	COL11897	3.81	13 1-	4ACSR	0	0	1523	304	32	2	2	0.00	1.57	0
COL11899+	COL11898	3.93	12 1-	4ACSR	0	0	1469	302	29	1	1	0.01	1.57	0
OC-1601144109+	COL11899	3.93	12 1-	20 N FUSE	0	0	1469	302	29	1	10	0.00	1.57	0
COL11818+	OC-1601144109	4.16	4 1-	4ACSR	0	0	1379	299	1	0	0	0.00	1.57	0
COL11819+	COL11818	4.23	3 1-	4ACSR	0	0	1352	297	1	0	0	0.00	1.57	0
COL11842+	COL11819	4.29	3 1-	4ACSR	0	0	1330	296	1	0	0	0.00	1.57	0
COL11841+	COL11819	4.33	0 1-	4ACSR	0	0	1317	296	0	0	0	0.00	1.57	0
COL11843+	COL11818	4.46	1 1-	4ACSR	0	0	1274	294	0	0	0	0.00	1.57	0
COL11844+	OC-1601144109	4.03	1 1-	4ACSR	0	0	1428	301	4	0	0	0.00	1.57	0
COL11900+	OC-1601144109	4.15	7 1-	4ACSR	0	0	1382	299	23	1	1	0.01	1.58	0
COL11901+	COL11900	4.32	7 1-	4ACSR	0	0	1320	296	23	1	1	0.01	1.59	0
COL11820+	COL11901	4.35	7 1-	4ACSR	0	0	1312	295	23	1	1	0.00	1.59	0
COL17033+	COL11820	4.66	0 1-	4ACSR	0	0	1216	291	0	0	0	0.00	1.59	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11902+	CO11820	4.49	2 1-	2ACSR	0	0	1277	294	16	1	1	0.00	1.59	0
CO11851+	CO11902	4.54	1 1-	2ACSR	0	0	1264	293	7	0	0	0.00	1.59	0
CO11903+	CO11902	4.59	1 1-	2ACSR	0	0	1253	293	9	0	0	0.00	1.59	0
CO11821+	CO11820	4.42	0 1-	4ACSR	0	0	1287	294	0	0	0	0.00	1.59	0
CO17032+	CO11821	4.95	0 1-	4ACSR	0	0	1136	286	0	0	0	0.00	1.59	0
CO10393+	CO17032	5.15	0 1-	4ACSR	0	0	1086	283	0	0	0	0.00	1.59	0
CO10394+	CO10393	5.31	0 1-	4ACSR	0	0	1051	281	0	0	0	0.00	1.59	0
CO10461+	CO10394	5.37	0 1-	4ACSR	0	0	1039	280	0	0	0	0.00	1.59	0
CO10527+	CO10461	5.54	0 1-	4ACSR	0	0	1004	277	0	0	0	0.00	1.59	0
CO10427+	CO10527	5.68	0 1-	4ACSR	0	0	976	275	0	0	0	0.00	1.59	0
CO10428+	CO10427	5.87	0 1-	4ACSR	0	0	941	272	0	0	0	0.00	1.59	0
CO10429+	CO10428	5.98	0 1-	4ACSR	0	0	922	271	0	0	0	0.00	1.59	0
CO10412+	CO10527	5.58	0 1-	4ACSR	0	0	994	277	0	0	0	0.00	1.59	0
CO10451+	CO10412	5.59	0 1-	4ACSR	0	0	993	276	0	0	0	0.00	1.59	0
CO10452+	CO10451	5.68	0 1-	4ACSR	0	0	976	275	0	0	0	0.00	1.59	0
CO10355+	CO17032	5.01	0 1-	4ACSR	0	0	1121	285	0	0	0	0.00	1.59	0
CO10354+	CO17032	5.09	0 1-	4ACSR	0	0	1102	284	0	0	0	0.00	1.59	0
CO11852+	CO11820	4.38	2 1-	4ACSR	0	0	1300	295	5	0	0	0.00	1.59	0
CO11893+	CO11892	3.56	2 1-	4ACSR	0	0	1643	309	10	0	0	0.00	1.55	0
CO11894+	CO11893	3.71	2 1-	4ACSR	0	0	1568	306	10	0	0	0.00	1.55	0
CO11886+	CO11885	3.28	2 1-	4ACSR	0	0	1801	314	2	0	0	0.00	1.52	0
CO11887+	CO11886	3.41	0 1-	4ACSR	0	0	1724	311	0	0	0	0.00	1.52	0
CO11839+	CO11887	3.51	0 1-	4ACSR	0	0	1671	310	0	0	0	0.00	1.52	0
CO11838+	CO11887	3.60	0 1-	4ACSR	0	0	1622	308	0	0	0	0.00	1.52	0
CO11874+	CO11873	2.63	4 1-	4ACSR	0	0	2318	326	17	1	1	0.00	1.45	0
CO11875+	CO11874	2.82	2 1-	4ACSR	0	0	2141	322	11	0	1	0.00	1.46	0
CO11835+	CO11875	2.87	1 1-	4ACSR	0	0	2094	321	7	0	0	0.00	1.46	0
CO11876+	CO11875	2.98	1 1-	4ACSR	0	0	2008	319	4	0	0	0.00	1.46	0
CO11877+	CO11876	3.01	1 1-	4ACSR	0	0	1991	319	4	0	0	0.00	1.46	0
CO11834+	CO11868	2.28	2 1-	4ACSR	0	0	2721	333	9	0	0	0.00	1.41	0
CO11849+	CO11867	2.18	1 1-	2ACSR	0	0	2901	335	13	0	1	0.00	1.39	0
CO11816+	CO17146	2.03	8 1-	6ACWC	0	0	3069	337	29	1	1	0.00	1.33	0
OC-2108291247+	CO11816	2.03	8 1-	20 N FUSE	0	0	3069	337	29	1	10	0.00	1.33	0
CO17143+	OC-2108291247	2.07	3 1-	6ACWC	0	0	2992	336	14	0	1	0.00	1.33	0
CO11860+	OC-2108291247	2.06	3 1-	6ACWC	0	0	3021	336	12	0	1	0.00	1.33	0
CO11861+	CO11860	2.52	3 1-	6ACWC	0	0	2414	327	12	0	1	0.00	1.34	0
CO11862+	CO11861	2.63	1 1-	6ACWC	0	0	2296	325	1	0	0	0.00	1.34	0
CO11831+	OC-2108291247	2.12	2 1-	6ACWC	0	0	2919	335	4	0	0	0.00	1.33	0
CO12198+	CO12162	1.82	1 1-	4ACSR	0	0	3304	339	10	0	0	0.00	1.20	0
CO12199+	CO12163	1.77	0 1-	4ACSR	0	0	3353	339	0	0	0	0.00	1.16	0
OC508821398+	CO12199	1.77	0 1-	20 N FUSE	0	0	3353	339	0	0	0	0.00	1.16	0
CO12208+	CO12257	1.55	4 1-	4ACSR	0	0	3720	342	17	1	1	0.00	1.06	0
OC-975966799+	CO12208	1.55	4 1-	20 N FUSE	0	0	3720	342	17	1	6	0.00	1.06	0
CO12206+	OC-975966799	1.62	1 1-	2ACSR	0	0	3594	341	5	0	0	0.00	1.06	0
CO12300+	OC-975966799	1.62	3 1-	4ACSR	0	0	3558	340	12	0	1	0.00	1.06	0
CO12299+	CO12300	1.69	2 1-	4ACSR	0	0	3416	339	12	0	1	0.00	1.06	0
CO12290+	CO12164	1.40	2 1-	4ACSR	0	0	3986	343	8	0	0	0.00	0.97	0
OC281969869+	CO12290	1.40	1 1-	20 N FUSE	0	0	3986	343	0	0	0	0.00	0.97	0
CO12289+	OC281969869	1.47	1 1-	4ACSR	0	0	3796	342	0	0	0	0.00	0.97	0
CO1628771316+	CO-1627864283	0.40	2 1-	2ACSR	0	0	7573	354	5	0	0	0.00	0.33	0
OC-1384781903+	CO1628771316	0.40	0 1-	20 N FUSE	0	0	7573	354	0	0	0	0.00	0.33	0
CO5635+	CO5634	0.02	624 3-	750 MCM - 42 Wi	10715	11247	11391	359	3179	71	6	0.00	0.00	3

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
Owingsville+	CO5635	0.02	624 3-	560 200WVE	10715	11247	11391	359	3179	71	13	0.00	0.00	0
CO5567+	Owingsville	0.04	624 3-	2/0ACSR	10523	10925	11067	359	3179	71	26	0.01	0.02	66
CO8309+	CO5567	0.10	623 3-	2/0ACSR	10164	10363	10481	359	3173	71	26	0.03	0.05	126
CO5118+	CO8309	0.15	619 3-	2/0ACSR	9820	9899	9940	358	3151	70	26	0.03	0.07	126
CO5119+	CO5118	0.19	618 3-	2/0ACSR	9601	9643	9606	358	3150	70	26	0.02	0.09	84
CO5120+	CO5119	0.22	617 3-	2/0ACSR	9409	9419	9320	358	3141	70	26	0.02	0.11	76
CO5121+	CO5120	0.27	615 3-	2/0ACSR	9129	9095	8913	357	3127	70	26	0.03	0.13	114
CO5122+	CO5121	0.36	613 3-	2/0ACSR	8673	8570	8276	357	3116	70	26	0.04	0.18	197
CO5105+	CO5122	0.41	2 1-	4ACSR	0	0	7821	355	8	0	0	0.00	0.18	0
CO5123+	CO5122	0.45	608 3-	2/0ACSR	8260	8101	7725	356	3096	69	26	0.04	0.22	192
CO11847+	CO5123	0.48	2 1-	4ACSR	0	0	7502	355	3	0	0	0.00	0.22	0
OC-910882646+	CO11847	0.48	0 1-	20 N FUSE	0	0	7502	355	0	0	0	0.00	0.22	0
CO5039+	CO5123	0.49	606 3-	2/0ACSR	8083	7903	7497	356	3093	69	26	0.02	0.24	87
CO17278+	CO5039	0.57	1 1-	2ACSR	0	0	6975	354	10	0	0	0.00	0.24	0
OC344453920+	CO17278	0.57	0 1-	20 N FUSE	0	0	6975	354	0	0	0	0.00	0.24	0
CO5040+	CO5039	0.73	605 3-	2/0ACSR	7116	6839	6316	354	3082	69	26	0.12	0.36	538
CO-1630250143+	CO5040	0.78	1 1-	2ACSR	0	0	6070	353	12	0	0	0.00	0.36	0
CO5276+	CO5040	0.74	5 1-	4ACSR	0	0	6278	353	26	1	1	0.00	0.36	0
OC136+	CO5276	0.74	5 1-	10 N FUSE	0	0	6278	353	26	1	17	0.00	0.36	0
CO5277+	OC136	0.97	5 1-	4ACSR	0	0	5107	348	26	1	1	0.01	0.37	0
CO5126+	CO5277	1.07	3 1-	4ACSR	0	0	4719	346	10	0	0	0.00	0.37	0
CO5127+	CO5126	1.16	1 1-	4ACSR	0	0	4362	344	6	0	0	0.00	0.37	0
CO5128+	CO5127	1.19	1 1-	4ACSR	0	0	4289	344	6	0	0	0.00	0.37	0
CO5129+	CO5277	1.11	2 1-	4ACSR	0	0	4552	345	16	1	1	0.00	0.37	0
CO5130+	CO5129	1.15	1 1-	4ACSR	0	0	4407	344	5	0	0	0.00	0.37	0
CO5131+	CO5130	1.46	0 1-	4ACSR	0	0	3536	338	0	0	0	0.00	0.37	0
CO5124+	CO5040	0.74	598 3-	2/0ACSR	7082	6801	6277	353	3029	68	25	0.00	0.37	21
CO5125+	CO5124	0.85	598 3-	2/0ACSR	6718	6411	5861	353	3029	68	25	0.05	0.42	234
CO17280+	CO5125	0.90	596 3-	2/0ACSR	6558	6241	5684	352	3009	67	25	0.02	0.45	108
CO11856+	CO17280	0.95	593 3-	2/0ACSR	6424	6100	5537	352	2996	67	25	0.02	0.47	93
CO11858+	CO11856	1.12	1 1-	2ACSR	0	0	4942	349	15	1	1	0.00	0.47	0
OC1632749706+	CO11858	1.12	0 1-	20 N FUSE	0	0	4942	349	0	0	0	0.00	0.47	0
CO11859+	OC1632749706	1.20	0 1-	2ACSR	0	0	4695	348	0	0	0	0.00	0.47	0
CO11857+	CO11856	0.97	591 3-	2/0ACSR	6380	6054	5489	352	2972	67	25	0.01	0.47	31
CO17281+	CO11857	1.06	590 3-	2/0ACSR	6126	5788	5217	351	2971	67	25	0.04	0.52	188
CO5117+	CO17281	1.07	590 3-	2/0ACSR	6097	5757	5185	351	2971	67	25	0.01	0.52	23
CO5051+	CO5117	1.51	589 3-	1/0ACSR	5029	4716	4112	346	2971	67	29	0.26	0.78	1150
CO5061+	CO5051	1.61	2 1-	2ACSR	0	0	3906	345	5	0	0	0.00	0.78	0
OC1059184072+	CO5061	1.61	0 1-	20 N FUSE	0	0	3906	345	0	0	0	0.00	0.78	0
CO5041+	CO5051	1.75	587 3-	2/0ACSR	4625	4335	3728	344	2960	66	25	0.11	0.89	484
OC-2000267008+	CO5041	1.75	586 3-	20 N FUSE	4625	4335	3728	344	2956	66	335	0.00	0.89	0
CO5113+	OC-2000267008	1.94	586 3-	2/0ACSR	4344	4072	3468	343	2956	66	25	0.09	0.98	387
CO5114+	CO5113	2.17	585 3-	2/0ACSR	4048	3795	3200	341	2951	66	25	0.11	1.09	463
CO5063+	CO5114	2.24	1 1-	2ACSR	0	0	3097	340	9	0	0	0.00	1.09	0
OC-1184285553+	CO5063	2.24	0 1-	20 N FUSE	0	0	3097	340	0	0	0	0.00	1.09	0
CO5110+	CO5114	2.18	584 3-	2/0ACSR	4029	3777	3182	341	2940	66	25	0.01	1.10	33
CO5111+	CO5110	2.21	582 3-	2/0ACSR	3992	3742	3149	341	2929	66	25	0.01	1.12	62
CO5112+	CO5111	2.27	582 3-	2/0ACSR	3927	3681	3091	340	2928	66	25	0.03	1.14	112
CO8267+	CO5112	2.51	581 3-	2/0ACSR	3674	3445	2868	338	2916	66	24	0.11	1.25	471
CO3844+	CO8267	2.59	581 3-	2/0ACSR	3596	3372	2801	338	2914	66	24	0.04	1.29	157
CO4078+	CO3844	2.59	13 1-	4ACSR	0	0	2792	338	44	3	2	0.00	1.29	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC113+	CO4078	2.59	13 1-	35 E OCR	0	0	2792	338	44	3	9	0.00	1.29	0
CO4079+	OC113	2.65	13 1-	4ACSR	0	0	2720	337	44	3	2	0.00	1.29	0
CO3908+	CO4079	3.41	12 1-	4ACSR	0	0	1981	321	44	2	2	0.05	1.34	3
CO3849+	CO3908	3.95	10 1-	4ACSR	0	0	1650	311	31	2	1	0.02	1.37	0
CO4027+	CO3849	4.05	2 1-	4ACSR	0	0	1602	310	5	0	0	0.00	1.37	0
CO4028+	CO4027	4.09	2 1-	4ACSR	0	0	1579	309	5	0	0	0.00	1.37	0
CO4026+	CO4028	4.19	2 1-	4ACSR	0	0	1536	307	5	0	0	0.00	1.37	0
CO4029+	CO4026	4.23	2 1-	4ACSR	0	0	1519	307	5	0	0	0.00	1.37	0
CO4069+	CO3849	4.01	1 1-	4ACSR	0	0	1621	310	0	0	0	0.00	1.37	0
CO4070+	CO4069	4.05	1 1-	4ACSR	0	0	1602	310	0	0	0	0.00	1.37	0
CO3921+	CO3849	4.11	6 1-	4ACSR	0	0	1571	309	25	1	1	0.01	1.37	0
CO4071+	CO3921	4.24	1 1-	2ACSR	0	0	1525	307	7	0	0	0.00	1.37	0
CO4072+	CO4071	4.31	1 1-	2ACSR	0	0	1504	306	7	0	0	0.00	1.37	0
CO3920+	CO3921	4.13	5 1-	4ACSR	0	0	1562	308	18	1	1	0.00	1.37	0
CO3918+	CO3920	4.27	5 1-	4ACSR	0	0	1501	306	18	1	1	0.00	1.38	0
CO3919+	CO3918	4.31	5 1-	4ACSR	0	0	1484	305	18	1	1	0.00	1.38	0
CO3878+	CO3919	4.41	2 1-	4ACSR	0	0	1443	303	3	0	0	0.00	1.38	0
CO3961+	CO3919	4.49	1 1-	4ACSR	0	0	1411	302	3	0	0	0.00	1.38	0
CO3960+	CO3961	4.57	1 1-	4ACSR	0	0	1380	301	3	0	0	0.00	1.38	0
CO3962+	CO3960	4.67	1 1-	4ACSR	0	0	1346	299	3	0	0	0.00	1.38	0
CO3959+	CO3962	4.78	1 1-	4ACSR	0	0	1309	297	3	0	0	0.00	1.38	0
CO3963+	CO3959	4.90	1 1-	4ACSR	0	0	1270	295	3	0	0	0.00	1.38	0
CO3958+	CO3963	4.92	1 1-	4ACSR	0	0	1262	295	3	0	0	0.00	1.38	0
CO3964+	CO3958	4.98	1 1-	4ACSR	0	0	1245	294	3	0	0	0.00	1.38	0
CO3957+	CO3964	5.06	1 1-	4ACSR	0	0	1220	293	3	0	0	0.00	1.38	0
CO3965+	CO3957	5.15	1 1-	4ACSR	0	0	1195	291	3	0	0	0.00	1.38	0
CO3956+	CO3965	5.24	1 1-	4ACSR	0	0	1170	290	3	0	0	0.00	1.38	0
CO3866+	CO3908	3.43	0 1-	4ACSR	0	0	1971	321	0	0	0	0.00	1.34	0
CO8270+	CO3866	3.69	0 1-	4ACSR	0	0	1799	316	0	0	0	0.00	1.34	0
CO3880+	CO3908	3.43	1 1-	4ACSR	0	0	1971	321	8	0	0	0.00	1.34	0
CO8271+	CO3880	3.46	1 1-	4ACSR	0	0	1948	320	8	0	0	0.00	1.34	0
CO3879+	CO3908	3.44	0 1-	4ACSR	0	0	1958	321	0	0	0	0.00	1.34	0
CO3845+	CO3844	2.66	568 3-	2/0ACSR	3528	3309	2741	337	2869	65	24	0.03	1.32	140
CO3910+	CO3845	2.75	2 1-	4ACSR	0	0	2632	335	7	0	0	0.00	1.32	0
OC244858206+	CO3910	2.75	2 1-	20 N FUSE	0	0	2632	335	7	0	2	0.00	1.32	0
CO3909+	OC244858206	2.96	2 1-	4ACSR	0	0	2400	331	7	0	0	0.00	1.33	0
CO17282+	CO3909	3.22	0 1-	4ACSR	0	0	2153	326	0	0	0	0.00	1.33	0
SW1179999505-B+	CO17282	3.22	0 1-	Closed	0	0	2153	326	0	0	0	0.00	1.33	0
SW1179999505-A+	SW1179999505-B	3.22	0 1-	Closed	0	0	2153	326	0	0	0	0.00	1.33	0
CO10522+	SW1179999505-A	3.33	0 1-	4ACSR	0	0	2066	324	0	0	0	0.00	1.33	0
CO11815+	CO10522	4.04	0 1-	4ACSR	0	0	1623	311	0	0	0	0.00	1.33	0
CO3867+	CO3909	3.00	2 1-	4ACSR	0	0	2352	330	7	0	0	0.00	1.33	0
CO3846+	CO3845	2.79	566 3-	2/0ACSR	3409	3198	2640	336	2862	64	24	0.06	1.38	255
CO3848+	CO3846	2.95	565 3-	2/0ACSR	3275	3073	2525	335	2861	64	24	0.07	1.46	310
CO3915+	CO3848	3.07	2 1-	4ACSR	0	0	2398	332	5	0	0	0.00	1.46	0
OC-2039678973+	CO3915	3.07	1 1-	20 N FUSE	0	0	2398	332	0	0	0	0.00	1.46	0
CO3914+	OC-2039678973	3.12	1 1-	4ACSR	0	0	2349	331	0	0	0	0.00	1.46	0
CO3870+	CO3914	3.17	0 1-	4ACSR	0	0	2307	331	0	0	0	0.00	1.46	0
CO3869+	CO3914	3.17	1 1-	4ACSR	0	0	2305	330	0	0	0	0.00	1.46	0
CO3912+	CO3848	2.98	562 3-	2/0ACSR	3253	3052	2507	335	2855	64	24	0.01	1.47	52
CO3913+	CO3912	3.00	562 3-	2/0ACSR	3238	3038	2494	335	2854	64	24	0.01	1.48	37
CO4075+	CO3913	3.14	561 3-	2/0ACSR	3129	2936	2401	333	2844	64	24	0.07	1.55	274

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3905+	CO4075	3.24	2 1-	2ACSR	0	0	2327	332	13	0	0	0.00	1.55	0
OC-772605012+	CO3905	3.24	0 1-	20 N FUSE	0	0	2327	332	0	0	0	0.00	1.55	0
CO4076+	CO4075	3.21	558 3-	2/0ACSR	3077	2888	2358	333	2821	64	24	0.03	1.58	135
CO4066+	CO4076	3.30	2 1-	2ACSR	0	0	2295	332	20	1	1	0.00	1.58	0
OC169302986+	CO4066	3.30	1 1-	20 N FUSE	0	0	2295	332	14	0	5	0.00	1.58	0
CO4065+	OC169302986	3.36	1 1-	2ACSR	0	0	2247	331	14	0	1	0.00	1.58	0
CO4074+	CO4076	3.23	556 3-	2/0ACSR	3065	2877	2348	333	2800	63	24	0.01	1.59	30
CO4063+	CO4074	3.26	3 1-	2ACSR	0	0	2326	332	21	1	1	0.00	1.59	0
OC-849722200+	CO4063	3.26	2 1-	20 N FUSE	0	0	2326	332	13	0	4	0.00	1.59	0
CO4062+	OC-849722200	3.33	2 1-	2ACSR	0	0	2273	331	13	0	0	0.00	1.59	0
CO4064+	CO4062	3.36	2 1-	2ACSR	0	0	2256	331	13	0	0	0.00	1.59	0
CO4073+	CO4074	3.27	552 3-	2/0ACSR	3035	2849	2323	332	2769	62	23	0.02	1.61	79
CO3911+	CO4073	3.34	551 3-	2/0ACSR	2987	2804	2283	332	2769	62	23	0.03	1.64	127
CO10523+	CO3911	3.54	550 3-	2/0ACSR	2862	2688	2179	330	2762	62	23	0.09	1.72	349
CO-773749210+	CO10523	3.56	549 3-	2ACSR	2841	2668	2162	330	2750	62	35	0.02	1.74	93
CO-1352262668+	CO-773749210	3.62	0 1-	2ACSR	0	0	2126	329	0	0	0	0.00	1.74	0
CO-1134974350+	CO-773749210	3.64	549 3-	2ACSR	2780	2614	2114	329	2750	62	35	0.06	1.81	268
CO10482+	CO-1134974350	3.74	549 3-	2/0ACSR	2722	2560	2067	328	2749	62	23	0.05	1.85	183
CO10524+	CO10482	3.75	21 1-	6ACWC	0	0	2063	328	65	4	3	0.00	1.85	0
CO10525+	CO10524	3.90	21 1-	6ACWC	0	0	1956	325	65	4	3	0.02	1.87	0
CO10368+	CO10525	3.96	20 1-	6ACWC	0	0	1915	324	65	4	3	0.01	1.87	0
CO10369+	CO10368	4.03	18 1-	6ACWC	0	0	1871	322	58	3	3	0.00	1.88	0
CO10462+	CO10369	4.08	10 1-	6ACWC	0	0	1844	322	26	1	1	0.00	1.88	0
CO10463+	CO10462	4.14	6 1-	6ACWC	0	0	1809	321	21	1	1	0.00	1.88	0
CO10338+	CO10463	4.17	2 1-	6ACWC	0	0	1786	320	9	0	0	0.00	1.88	0
CO10337+	CO10463	4.21	4 1-	6ACWC	0	0	1766	319	12	0	1	0.00	1.88	0
CO10519+	CO10369	4.08	3 1-	2ACSR	0	0	1846	322	7	0	0	0.00	1.88	0
CO10357+	CO10519	4.13	3 1-	2ACSR	0	0	1822	321	7	0	0	0.00	1.88	0
CO10518+	CO10519	4.11	0 1-	2ACSR	0	0	1834	321	0	0	0	0.00	1.88	0
CO10483+	CO10518	4.14	0 1-	2ACSR	0	0	1821	321	0	0	0	0.00	1.88	0
CO10464+	CO10483	4.16	0 1-	2ACSR	0	0	1809	321	0	0	0	0.00	1.88	0
CO10358+	CO10369	4.11	2 1-	2ACSR	0	0	1831	321	0	0	0	0.00	1.88	0
CO10370+	CO10482	3.83	528 3-	2/0ACSR	2675	2515	2028	327	2683	61	23	0.04	1.89	147
CO10371+	CO10370	3.96	528 3-	2/0ACSR	2606	2452	1972	326	2683	61	23	0.06	1.94	222
CO10317+	CO10371	4.15	243 3-	1/0ACSR	2505	2357	1891	325	1286	29	13	0.05	1.99	92
CO10372+	CO10317	4.26	238 3-	1/0ACSR	2444	2301	1842	324	1269	28	13	0.03	2.02	57
CO10373+	CO10372	4.31	237 3-	1/0ACSR	2422	2280	1824	323	1259	28	12	0.01	2.03	22
CO10374+	CO10373	4.57	236 3-	1/0ACSR	2300	2167	1728	321	1257	28	12	0.06	2.10	123
CO10500+	CO10374	4.58	8 1-	6ACWC	0	0	1724	321	24	1	1	0.00	2.10	0
OC288+	CO10500	4.58	8 1-	35 E OCR	0	0	1724	321	24	1	5	0.00	2.10	0
CO10501+	OC288	4.71	8 1-	6ACWC	0	0	1657	318	24	1	1	0.01	2.10	0
CO10377+	CO10501	4.79	7 1-	6ACWC	0	0	1621	317	11	0	1	0.00	2.10	0
CO10378+	CO10377	4.84	7 1-	6ACWC	0	0	1599	316	11	0	1	0.00	2.10	0
CO10459+	CO10378	4.85	5 1-	6ACWC	0	0	1591	316	9	0	0	0.00	2.10	0
CO10460+	CO10459	4.89	3 1-	6ACWC	0	0	1574	315	1	0	0	0.00	2.10	0
CO10379+	CO10460	5.33	3 1-	6ACWC	0	0	1399	307	1	0	0	0.00	2.10	0
CO10346+	CO10378	4.93	2 1-	6ACWC	0	0	1557	314	2	0	0	0.00	2.10	0
CO10345+	CO10501	4.76	1 1-	6ACWC	0	0	1634	317	13	0	1	0.00	2.10	0
CO10375+	CO10374	4.91	227 3-	1/0ACSR	2162	2039	1619	318	1232	28	12	0.08	2.18	150
CO10376+	CO10375	5.00	227 3-	1/0ACSR	2127	2007	1592	317	1231	28	12	0.02	2.20	41
CO10471+	CO10376	5.01	227 3-	1/0ACSR	2120	2001	1587	317	1231	28	12	0.00	2.20	8
CO10472+	CO10471	5.13	224 3-	1/0ACSR	2077	1961	1553	316	1216	27	12	0.03	2.23	51

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10320+	CO10472	5.18	223 3-	1/0ACSR	2060	1945	1540	315	1216	27	12	0.01	2.24	21
CO10498+	CO10320	5.18	10 1-	4ACSR	0	0	1537	315	23	1	1	0.00	2.24	0
OC287+	CO10498	5.18	10 1-	25 E OCR	0	0	1537	315	23	1	6	0.00	2.24	0
CO10499+	OC287	5.29	10 1-	4ACSR	0	0	1494	313	23	1	1	0.00	2.25	0
CO10469+	CO10499	5.44	10 1-	4ACSR	0	0	1435	310	23	1	1	0.01	2.25	0
CO10470+	CO10469	5.46	8 1-	4ACSR	0	0	1429	310	23	1	1	0.00	2.25	0
CO10380+	CO10470	5.53	8 1-	4ACSR	0	0	1402	309	23	1	1	0.00	2.25	0
CO10343+	CO10380	5.58	1 1-	1/0ACSR	0	0	1391	308	5	0	0	0.00	2.25	0
CO10520+	CO10380	5.54	7 1-	750 MCM - 42 Wi	0	0	1401	309	18	1	0	0.00	2.25	0
OC285+	CO10520	5.54	7 1-	10 N FUSE	0	0	1401	309	18	1	12	0.00	2.25	0
CO10319+	OC285	5.61	4 1-	6ACWC	0	0	1377	308	5	0	0	0.00	2.26	0
CO10344+	CO10319	5.72	2 1-	6ACWC	0	0	1340	306	0	0	0	0.00	2.26	0
CO10420+	CO10319	5.71	2 1-	6ACWC	0	0	1345	306	5	0	0	0.00	2.26	0
CO10421+	CO10420	5.80	2 1-	6ACWC	0	0	1315	304	5	0	0	0.00	2.26	0
CO10422+	CO10421	5.87	1 1-	6ACWC	0	0	1293	303	5	0	0	0.00	2.26	0
CO10318+	OC285	5.66	3 1-	4ACSR	0	0	1359	307	14	0	1	0.00	2.26	0
CO10484+	CO10318	5.71	2 1-	4ACSR	0	0	1342	306	9	0	0	0.00	2.26	0
CO10485+	CO10484	5.76	1 1-	4ACSR	0	0	1327	305	0	0	0	0.00	2.26	0
CO10342+	CO10318	5.72	1 1-	4ACSR	0	0	1340	306	4	0	0	0.00	2.26	0
CO10381+	CO10320	5.22	213 3-	1/0ACSR	2043	1929	1527	315	1193	27	12	0.01	2.25	20
CO10382+	CO10381	5.29	213 3-	1/0ACSR	2022	1909	1510	314	1193	27	12	0.01	2.27	27
CO10383+	CO10382	5.82	213 3-	1/0ACSR	1854	1753	1380	310	1192	27	12	0.12	2.39	225
CO10384+	CO10383	5.85	213 3-	1/0ACSR	1847	1746	1374	309	1191	27	12	0.01	2.40	12
CO10398+	CO10384	5.87	211 3-	1/0ACSR	1840	1740	1369	309	1189	27	12	0.01	2.40	9
CO10399+	CO10398	5.94	209 3-	1/0ACSR	1819	1720	1352	309	1184	27	12	0.02	2.42	32
CO10467+	CO10399	5.99	207 3-	1/0ACSR	1805	1707	1342	308	912	20	9	0.01	2.43	12
CO10468+	CO10467	6.09	206 3-	1/0ACSR	1778	1682	1322	307	909	20	9	0.02	2.45	24
CO10488+	CO10468	6.16	205 3-	1/0ACSR	1761	1666	1309	307	905	20	9	0.01	2.46	16
CO10489+	CO10488	6.23	204 3-	1/0ACSR	1742	1648	1294	306	902	20	9	0.01	2.47	18
CO10497+	CO10489	6.24	7 1-	6ACWC	0	0	1292	306	7	0	0	0.00	2.47	0
OC286+	CO10497	6.24	7 1-	10 N FUSE	0	0	1292	306	7	0	5	0.00	2.47	0
CO10511+	OC286	6.28	7 1-	6ACWC	0	0	1279	305	7	0	0	0.00	2.47	0
CO10510+	CO10511	6.33	7 1-	6ACWC	0	0	1265	304	7	0	0	0.00	2.47	0
CO10364+	CO10510	6.41	7 1-	6ACWC	0	0	1243	303	7	0	0	0.00	2.47	0
CO10365+	CO10364	6.56	6 1-	6ACWC	0	0	1203	301	7	0	0	0.00	2.47	0
CO10437+	CO10365	6.61	6 1-	6ACWC	0	0	1190	300	7	0	0	0.00	2.48	0
CO10455+	CO10437	6.68	6 1-	6ACWC	0	0	1172	298	7	0	0	0.00	2.48	0
CO10456+	CO10455	6.78	5 1-	6ACWC	0	0	1148	297	5	0	0	0.00	2.48	0
CO10438+	CO10456	6.81	4 1-	6ACWC	0	0	1140	296	5	0	0	0.00	2.48	0
CO10439+	CO10438	6.85	4 1-	6ACWC	0	0	1131	296	5	0	0	0.00	2.48	0
CO10328+	CO10439	7.06	0 1-	6ACWC	0	0	1084	292	0	0	0	0.00	2.48	0
CO10310+	CO10439	7.18	4 1-	6ACWC	0	0	1058	290	5	0	0	0.00	2.48	0
CO10406+	CO10310	7.21	2 1-	6ACWC	0	0	1053	290	1	0	0	0.00	2.48	0
CO10407+	CO10406	7.28	1 1-	6ACWC	0	0	1038	289	0	0	0	0.00	2.48	0
CO10408+	CO10407	7.37	1 1-	6ACWC	0	0	1020	287	0	0	0	0.00	2.48	0
CO10409+	CO10408	7.41	1 1-	6ACWC	0	0	1013	287	0	0	0	0.00	2.48	0
CO10521+	CO10510	6.36	0 1-	750 MCM - 42 Wi	0	0	1262	304	0	0	0	0.00	2.47	0
CO10363+	CO10511	6.32	0 1-	2ACSR	0	0	1270	305	0	0	0	0.00	2.47	0
CO10465+	CO10489	6.24	196 3-	1/0ACSR	1739	1646	1292	306	891	20	9	0.00	2.47	2
CO10466+	CO10465	6.47	193 3-	1/0ACSR	1683	1593	1248	304	888	20	9	0.04	2.51	54
CO17016+	CO10466	6.56	191 3-	1/0ACSR	1661	1572	1231	303	882	20	9	0.02	2.53	22
CO10085+	CO17016	6.59	191 3-	1/0ACSR	1654	1566	1226	303	882	20	9	0.01	2.53	7

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10086+	CO10085	6.67	190 3-	1/0ACSR	1636	1549	1212	302	882	20	9	0.01	2.55	18
CO9937+	CO10086	6.76	186 3-	1/0ACSR	1616	1530	1197	302	846	19	8	0.01	2.56	19
CO10083+	CO9937	6.86	1 1-	4ACSR	0	0	1173	300	0	0	0	0.00	2.56	0
OC1680176015+	CO10083	6.86	0 1-	20 N FUSE	0	0	1173	300	0	0	0	0.00	2.56	0
CO10084+	OC1680176015	6.88	0 1-	4ACSR	0	0	1168	300	0	0	0	0.00	2.56	0
CO10039+	CO10084	7.07	0 1-	4ACSR	0	0	1123	296	0	0	0	0.00	2.56	0
CO10081+	CO9937	6.94	185 3-	1/0ACSR	1578	1495	1168	300	846	19	8	0.03	2.59	38
CO10082+	CO10081	7.01	185 3-	1/0ACSR	1563	1481	1157	300	846	19	8	0.01	2.60	15
CO9957+	CO10082	7.08	1 1-	4ACSR	0	0	1139	298	8	0	0	0.00	2.60	0
OC-1812395090+	CO9957	7.08	0 1-	20 N FUSE	0	0	1139	298	0	0	0	0.00	2.60	0
CO9938+	CO10082	7.25	184 3-	1/0ACSR	1516	1437	1121	298	838	19	8	0.04	2.64	50
FD1988420502+	CO9938	7.25	183 3-	_DefaultBayEqui	1516	1437	1121	298	838	19	0	0.00	2.64	0
CO9939+	FD1988420502	7.36	183 3-	1/0ACSR	1494	1416	1104	297	838	19	8	0.02	2.66	24
OC1988420502+	CO9939	7.36	182 3-	20 N FUSE	1494	1416	1104	297	835	19	96	0.00	2.66	0
CO10135+	OC1988420502	7.37	45 3-	2ACSR	1492	1414	1103	297	148	3	2	0.00	2.66	0
OC273+	CO10135	7.37	45 3-	70 E OCR	1492	1414	1103	297	148	3	5	0.00	2.66	0
CO10136+	OC273	7.55	45 3-	2ACSR	1449	1376	1072	294	148	3	2	0.01	2.67	0
CO10000+	CO10136	7.64	42 3-	2ACSR	1428	1356	1056	293	136	3	2	0.00	2.67	0
CO10001+	CO10000	7.83	42 3-	2ACSR	1388	1319	1027	291	136	3	2	0.01	2.68	0
CO10077+	CO10001	7.95	42 3-	2ACSR	1364	1298	1010	290	136	3	2	0.00	2.69	0
CO10078+	CO10077	8.01	41 3-	2ACSR	1352	1286	1001	289	129	2	2	0.00	2.69	0
CO10076+	CO10078	8.12	40 3-	2ACSR	1330	1267	985	288	128	2	2	0.00	2.69	0
CO9943+	CO10076	8.17	39 3-	2ACSR	1321	1259	979	288	117	2	1	0.00	2.69	0
CO9967+	CO9943	8.24	1 1-	4ACSR	0	0	965	286	8	0	0	0.00	2.69	0
OC582615477+	CO9967	8.24	0 1-	20 N FUSE	0	0	965	286	0	0	0	0.00	2.69	0
CO10002+	CO9943	8.26	38 3-	2ACSR	1304	1242	966	287	110	2	1	0.00	2.70	0
CO10091+	CO10002	8.40	38 3-	2ACSR	1278	1219	947	285	110	2	1	0.00	2.70	0
CO10092+	CO10091	8.53	37 3-	2ACSR	1256	1199	931	284	109	2	1	0.00	2.70	0
CO9945+	CO10092	8.67	32 3-	2ACSR	1232	1176	914	282	92	2	1	0.00	2.71	0
CO9946+	CO9945	8.76	29 3-	2ACSR	1216	1162	902	281	82	1	1	0.00	2.71	0
CO10045+	CO9946	8.86	4 1-	4ACSR	0	0	888	280	17	1	1	0.00	2.71	0
OC1206866872+	CO10045	8.86	1 1-	20 N FUSE	0	0	888	280	7	0	2	0.00	2.71	0
CO10046+	OC1206866872	8.89	1 1-	4ACSR	0	0	884	279	7	0	0	0.00	2.71	0
CO9947+	CO9946	8.84	24 3-	2ACSR	1204	1151	893	280	62	1	1	0.00	2.71	0
CO9970+	CO9947	8.98	1 1-	4ACSR	0	0	873	278	5	0	0	0.00	2.71	0
OC-882134286+	CO9970	8.98	0 1-	20 N FUSE	0	0	873	278	0	0	0	0.00	2.71	0
CO9948+	CO9947	8.91	22 3-	2ACSR	1193	1140	885	280	54	1	1	0.00	2.71	0
CO10116+	CO9948	9.14	19 3-	2ACSR	1157	1108	859	277	45	1	1	0.00	2.72	0
CO10117+	CO10116	9.21	17 3-	2ACSR	1147	1098	852	276	33	0	0	0.00	2.72	0
CO10015+	CO10117	9.34	17 3-	2ACSR	1129	1081	839	275	33	0	0	0.00	2.72	0
CO17002+	CO10015	9.41	3 3-	2ACSR	1119	1072	831	274	6	0	0	0.00	2.72	0
CO9687+	CO17002	9.42	0 3-	2ACSR	1118	1071	831	274	0	0	0	0.00	2.72	0
SW260-A+	CO9687	9.42	0 3-	Open	1118	1071	831	274	0	0	0	0.00	2.72	0
CO9364+	CO17002	9.54	1 1-	4ACSR	0	0	815	273	1	0	0	0.00	2.72	0
OC1766903522+	CO9364	9.54	0 1-	20 N FUSE	0	0	815	273	0	0	0	0.00	2.72	0
CO9363+	CO17002	9.51	2 1-	4ACSR	0	0	819	273	5	0	0	0.00	2.72	0
CO10034+	CO10015	9.45	11 1-	6ACWC	0	0	824	273	6	0	0	0.00	2.72	0
OC-2001986453+	CO10034	9.45	10 1-	20 N FUSE	0	0	824	273	2	0	1	0.00	2.72	0
CO10035+	OC-2001986453	9.54	10 1-	6ACWC	0	0	814	272	2	0	0	0.00	2.72	0
CO1483441538+	CO10035	9.61	10 1-	2ACSR	0	0	807	272	2	0	0	0.00	2.72	0
CO1749367096+	CO1483441538	9.70	9 1-	2ACSR	0	0	799	271	2	0	0	0.00	2.72	0
CO10037+	CO1749367096	9.77	9 1-	6ACWC	0	0	790	270	2	0	0	0.00	2.72	0

Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10064+	CO10037	9.97	9 1-	6ACWC	0	0	767	267	2	0	0	0.00	2.72	0
CO10065+	CO10064	10.12	8 1-	6ACWC	0	0	751	265	1	0	0	0.00	2.72	0
CO10038+	CO10065	10.15	8 1-	6ACWC	0	0	749	265	1	0	0	0.00	2.72	0
CO9949+	CO10038	10.82	6 1-	6ACWC	0	0	684	256	1	0	0	0.00	2.72	0
CO10013+	CO9949	11.17	2 1-	6ACWC	0	0	654	251	1	0	0	0.00	2.72	0
CO10014+	CO10013	11.27	2 1-	6ACWC	0	0	647	250	1	0	0	0.00	2.72	0
CO10131+	CO10014	11.84	1 1-	6ACWC	0	0	604	244	1	0	0	0.00	2.72	0
CO10016+	CO10131	11.90	1 1-	6ACWC	0	0	600	243	1	0	0	0.00	2.72	0
CO10132+	CO9949	10.98	3 1-	6ACWC	0	0	670	254	0	0	0	0.00	2.72	0
CO10017+	CO10132	11.42	2 1-	6ACWC	0	0	635	248	0	0	0	0.00	2.72	0
CO17261+	CO10017	11.50	1 1-	2ACSR	0	0	630	248	0	0	0	0.00	2.72	0
CO10010+	CO10038	10.24	2 1-	6ACWC	0	0	739	263	0	0	0	0.00	2.72	0
CO10011+	CO10010	10.41	1 1-	6ACWC	0	0	722	261	0	0	0	0.00	2.72	0
CO10012+	CO10011	10.76	1 1-	6ACWC	0	0	689	257	0	0	0	0.00	2.72	0
CO1915566722+	CO1483441538	9.78	1 1-	2ACSR	0	0	791	270	0	0	0	0.00	2.72	0
CO10047+	CO10015	9.42	3 1-	4ACSR	0	0	829	274	21	1	1	0.00	2.72	0
OC1184063227+	CO10047	9.42	2 1-	20 N FUSE	0	0	829	274	20	1	7	0.00	2.72	0
CO10062+	OC1184063227	9.45	2 1-	4ACSR	0	0	824	273	20	1	1	0.00	2.72	0
CO10063+	CO10062	9.49	1 1-	4ACSR	0	0	820	273	12	0	1	0.00	2.72	0
CO10006+	CO9948	9.07	3 1-	6ACWC	0	0	862	277	9	0	0	0.00	2.72	0
OC-1570932696+	CO10006	9.07	2 1-	20 N FUSE	0	0	862	277	6	0	2	0.00	2.72	0
CO10007+	OC-1570932696	9.14	2 1-	6ACWC	0	0	853	276	6	0	0	0.00	2.72	0
CO10008+	CO10007	9.19	0 1-	6ACWC	0	0	847	275	0	0	0	0.00	2.72	0
CO10009+	CO10008	9.31	0 1-	6ACWC	0	0	831	274	0	0	0	0.00	2.72	0
CO9969+	CO9945	8.71	2 1-	4ACSR	0	0	906	281	5	0	0	0.00	2.71	0
OC-824781539+	CO9969	8.71	1 1-	20 N FUSE	0	0	906	281	0	0	0	0.00	2.71	0
CO-497764573+	OC-824781539	8.77	1 1-	2ACSR	0	0	899	281	0	0	0	0.00	2.71	0
CO9944+	CO10092	8.60	5 1-	4ACSR	0	0	920	283	18	1	1	0.00	2.71	0
OC-1162035764+	CO9944	8.60	5 1-	20 N FUSE	0	0	920	283	18	1	6	0.00	2.71	0
CO10087+	OC-1162035764	8.84	4 1-	4ACSR	0	0	884	279	16	1	1	0.01	2.71	0
CO10088+	CO10087	8.90	3 1-	4ACSR	0	0	874	278	13	0	1	0.00	2.71	0
CO10061+	CO10088	9.03	3 1-	4ACSR	0	0	857	276	13	0	1	0.00	2.72	0
CO10089+	CO10061	9.06	2 1-	4ACSR	0	0	853	276	13	0	1	0.00	2.72	0
CO10090+	CO10089	9.07	1 1-	4ACSR	0	0	851	275	0	0	0	0.00	2.72	0
CO10129+	CO10090	9.22	1 1-	4ACSR	0	0	832	273	0	0	0	0.00	2.72	0
CO10130+	CO10129	9.28	1 1-	4ACSR	0	0	823	272	0	0	0	0.00	2.72	0
CO10003+	CO10130	9.43	1 1-	4ACSR	0	0	805	270	0	0	0	0.00	2.72	0
CO10004+	CO10003	9.47	1 1-	4ACSR	0	0	800	270	0	0	0	0.00	2.72	0
CO10005+	CO10004	9.52	1 1-	4ACSR	0	0	794	269	0	0	0	0.00	2.72	0
CO17021+	CO10005	9.64	1 1-	4ACSR	0	0	780	267	0	0	0	0.00	2.72	0
CO10220+	CO17021	9.73	1 1-	4ACSR	0	0	769	266	0	0	0	0.00	2.72	0
CO10221+	CO10220	9.81	1 1-	4ACSR	0	0	762	265	0	0	0	0.00	2.72	0
CO10222+	CO10221	9.90	1 1-	4ACSR	0	0	751	264	0	0	0	0.00	2.72	0
CO10223+	CO10222	10.03	1 1-	4ACSR	0	0	737	262	0	0	0	0.00	2.72	0
CO10224+	CO10223	10.13	1 1-	4ACSR	0	0	728	261	0	0	0	0.00	2.72	0
CO10225+	CO10224	10.18	1 1-	4ACSR	0	0	723	260	0	0	0	0.00	2.72	0
CO9968+	OC-1162035764	8.65	1 1-	4ACSR	0	0	911	282	1	0	0	0.00	2.71	0
CO9966+	CO10076	8.17	1 1-	4ACSR	0	0	975	287	11	0	1	0.00	2.69	0
OC-1319449048+	CO9966	8.17	0 1-	20 N FUSE	0	0	975	287	0	0	0	0.00	2.69	0
CO10079+	CO10136	7.57	3 1-	4ACSR	0	0	1067	294	12	0	1	0.00	2.67	0
OC181760600+	CO10079	7.57	2 1-	20 N FUSE	0	0	1067	294	9	0	3	0.00	2.67	0
CO10080+	OC181760600	7.64	2 1-	4ACSR	0	0	1054	293	9	0	0	0.00	2.67	0

Substation Power Factor: 0.98
Run Date:

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10137+	OC1988420502	7.37	137 3-	1/0ACSR	1492	1415	1103	297	686	15	7	0.00	2.66	0
OC275+	CO10137	7.37	137 3-	70 E OCR	1492	1415	1103	297	686	15	22	0.00	2.66	0
CO10138+	OC275	7.46	137 3-	1/0ACSR	1476	1399	1091	296	686	15	7	0.01	2.67	12
CO9992+	CO10138	7.50	137 3-	1/0ACSR	1467	1391	1084	295	686	15	7	0.01	2.68	7
CO9993+	CO9992	7.91	137 3-	1/0ACSR	1398	1326	1031	292	686	15	7	0.05	2.73	57
CO10068+	CO9993	8.36	5 1-	6ACWC	0	0	950	285	22	1	1	0.01	2.75	0
OC2079690994+	CO10068	8.36	4 1-	20 N FUSE	0	0	950	285	19	1	6	0.00	2.75	0
CO10069+	OC2079690994	8.38	4 1-	6ACWC	0	0	948	285	19	1	1	0.00	2.75	0
CO9994+	CO10069	8.44	4 1-	6ACWC	0	0	938	284	19	1	1	0.00	2.75	0
CO17017+	CO9994	8.70	3 1-	6ACWC	0	0	897	280	16	1	1	0.01	2.76	0
CO10505+	CO17017	8.83	1 1-	6ACWC	0	0	878	278	1	0	0	0.00	2.76	0
CO10359+	CO17017	8.83	2 1-	2ACSR	0	0	883	279	15	1	1	0.00	2.76	0
CO9959+	CO9994	8.53	1 1-	6ACWC	0	0	923	282	3	0	0	0.00	2.75	0
CO9995+	CO9993	7.92	132 3-	1/0ACSR	1394	1323	1029	292	664	15	7	0.00	2.74	3
CO10066+	CO9995	7.95	132 3-	1/0ACSR	1389	1318	1025	292	664	15	7	0.00	2.74	4
CO10067+	CO10066	8.06	130 3-	1/0ACSR	1372	1302	1012	291	664	15	7	0.01	2.75	14
CO9960+	CO10067	8.20	0 1-	4ACSR	0	0	986	289	0	0	0	0.00	2.75	0
OC-1979133932+	CO9960	8.20	0 1-	20 N FUSE	0	0	986	289	0	0	0	0.00	2.75	0
CO10070+	CO10067	8.14	130 3-	1/0ACSR	1359	1290	1002	290	664	15	7	0.01	2.76	11
CO10071+	CO10070	8.21	129 3-	1/0ACSR	1348	1280	994	290	663	15	7	0.01	2.77	9
CO9961+	CO10071	8.32	0 1-	4ACSR	0	0	976	288	0	0	0	0.00	2.77	0
OC-46274576+	CO9961	8.32	0 1-	20 N FUSE	0	0	976	288	0	0	0	0.00	2.77	0
CO10072+	CO10071	8.31	128 3-	1/0ACSR	1333	1265	983	289	662	15	7	0.01	2.79	13
CO10073+	CO10072	8.44	128 3-	1/0ACSR	1315	1248	969	288	662	15	7	0.02	2.80	16
CO10074+	CO10073	8.58	126 3-	1/0ACSR	1294	1228	953	287	645	14	6	0.02	2.82	18
CO1439935318+	CO10074	8.67	122 3-	2ACSR	1277	1213	941	286	637	14	8	0.02	2.84	18
CO2011972079+	CO1439935318	8.76	2 1-	2ACSR	0	0	931	285	9	0	0	0.00	2.84	0
CO1850275706+	CO2011972079	8.82	2 1-	2ACSR	0	0	923	284	9	0	0	0.00	2.84	0
CO1645223413+	CO1439935318	8.77	119 3-	2ACSR	1260	1198	929	285	627	14	8	0.02	2.86	18
CO9998+	CO1645223413	8.82	118 3-	1/0ACSR	1254	1192	924	284	619	14	6	0.01	2.86	5
CO9999+	CO9998	8.84	118 3-	1/0ACSR	1251	1189	922	284	619	14	6	0.00	2.87	3
CO9942+	CO9999	9.02	115 3-	1/0ACSR	1227	1167	904	283	590	13	6	0.02	2.89	19
CO10042+	CO9942	9.07	3 1-	4ACSR	0	0	897	282	13	0	1	0.00	2.89	0
OC-1585436525+	CO10042	9.07	2 1-	20 N FUSE	0	0	897	282	5	0	2	0.00	2.89	0
CO10043+	OC-1585436525	9.12	2 1-	4ACSR	0	0	890	281	5	0	0	0.00	2.89	0
CO10044+	CO10043	9.31	2 1-	4ACSR	0	0	863	279	5	0	0	0.00	2.89	0
CO9986+	CO9942	9.06	1 1-	4ACSR	0	0	898	282	1	0	0	0.00	2.89	0
OC1854674688+	CO9986	9.06	0 1-	20 N FUSE	0	0	898	282	0	0	0	0.00	2.89	0
CO10075+	CO9942	9.05	110 3-	1/0ACSR	1224	1164	902	283	570	13	6	0.00	2.89	2
CO17022+	CO10075	9.10	109 3-	1/0ACSR	1218	1158	897	282	556	12	6	0.01	2.89	5
CO10260+	CO17022	9.12	108 3-	1/0ACSR	1215	1156	895	282	550	12	5	0.00	2.90	0
CO10261+	CO10260	9.14	107 3-	1/0ACSR	1213	1153	893	282	533	12	5	0.00	2.90	0
CO10262+	CO10261	9.17	106 3-	1/0ACSR	1209	1149	890	282	520	11	5	0.00	2.90	3
CO10263+	CO10262	9.32	105 3-	1/0ACSR	1191	1132	877	281	512	11	5	0.01	2.92	11
CO10147+	CO10263	9.37	104 3-	1/0ACSR	1185	1126	872	280	510	11	5	0.01	2.92	4
CO10265+	CO10147	9.44	101 3-	1/0ACSR	1176	1118	865	280	498	11	5	0.01	2.93	6
CO10266+	CO10265	9.68	100 3-	1/0ACSR	1149	1093	845	278	497	11	5	0.02	2.95	17
CO101086779+	CO10266	9.77	100 3-	1/0ACSR	1139	1083	837	277	496	11	5	0.01	2.96	7
CO-534389340+	CO101086779	9.82	99 3-	1/0ACSR	1133	1078	833	277	493	11	5	0.00	2.97	4
CO10300+	CO-534389340	9.83	5 1-	6ACWC	0	0	832	277	18	1	1	0.00	2.97	0
OC279+	CO10300	9.83	5 1-	10 N FUSE	0	0	832	277	18	1	13	0.00	2.97	0
CO10301+	OC279	9.90	5 1-	6ACWC	0	0	823	276	18	1	1	0.00	2.97	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10264+	CO10301	9.95	5 1-	6ACWC	0	0	817	275	18	1	1	0.00	2.97	0
CO10280+	CO10264	10.31	4 1-	6ACWC	0	0	775	270	18	1	1	0.01	2.98	0
CO10281+	CO10280	10.42	4 1-	6ACWC	0	0	763	268	18	1	1	0.00	2.98	0
CO17026+	CO10281	10.66	4 1-	6ACWC	0	0	739	265	18	1	1	0.01	2.99	0
CO10666+	CO17026	10.70	4 1-	6ACWC	0	0	735	265	18	1	1	0.00	2.99	0
CO10667+	CO10666	10.85	2 1-	6ACWC	0	0	720	263	6	0	0	0.00	2.99	0
CO10664+	CO10667	10.89	2 1-	6ACWC	0	0	717	262	6	0	0	0.00	2.99	0
CO10621+	CO10664	10.96	1 1-	2ACSR	0	0	711	261	6	0	0	0.00	2.99	0
CO10622+	CO10621	11.04	1 1-	2ACSR	0	0	705	261	6	0	0	0.00	2.99	0
CO10627+	CO10622	11.13	1 1-	1/0PRIURD	0	0	700	447	6	0	0	0.00	2.99	0
CO10665+	CO10664	11.08	1 1-	6ACWC	0	0	698	259	0	0	0	0.00	2.99	0
CO10623+	CO10666	10.81	2 1-	2ACSR	0	0	726	263	12	0	0	0.00	2.99	0
CO10624+	CO10623	10.94	2 1-	2ACSR	0	0	717	262	12	0	0	0.00	2.99	0
CO10625+	CO10624	11.11	1 1-	2ACSR	0	0	704	261	5	0	0	0.00	2.99	0
CO10626+	CO10625	11.22	1 1-	2ACSR	0	0	696	260	5	0	0	0.00	2.99	0
CO10148+	CO-534389340	9.91	94 3-	1/0ACSR	1123	1068	826	276	475	10	5	0.01	2.97	6
CO10149+	CO10148	10.09	93 3-	1/0ACSR	1105	1051	812	275	472	10	5	0.02	2.99	11
CO10176+	CO10149	10.18	0 1-	4ACSR	0	0	801	274	0	0	0	0.00	2.99	0
OC254167615+	CO10176	10.18	0 1-	20 N FUSE	0	0	801	274	0	0	0	0.00	2.99	0
CO10150+	CO10149	10.35	92 3-	1/0ACSR	1078	1026	792	273	462	10	5	0.02	3.01	17
CO10151+	CO10150	10.49	92 3-	1/0ACSR	1064	1013	782	272	462	10	5	0.01	3.03	9
CO10178+	CO10151	10.54	0 1-	4ACSR	0	0	776	271	0	0	0	0.00	3.03	0
OC583400006+	CO10178	10.54	0 1-	20 N FUSE	0	0	776	271	0	0	0	0.00	3.03	0
CO10152+	CO10151	10.53	92 3-	1/0ACSR	1061	1010	779	272	462	10	5	0.00	3.03	0
CO10259+	CO10152	10.62	90 3-	1/0ACSR	1052	1001	772	271	455	10	5	0.01	3.04	6
CO-2027190428+	CO10259	10.76	90 3-	2ACSR	1035	986	760	270	455	10	6	0.02	3.06	14
CO-1428831184+	CO-2027190428	10.81	1 3-	2ACSR	1030	981	757	269	7	0	0	0.00	3.06	0
OC1535610630+	CO-1428831184	10.81	0 3-	20 N FUSE	1030	981	757	269	0	0	0	0.00	3.06	0
CO38253983+	CO-2027190428	10.84	89 3-	2ACSR	1026	978	754	269	447	10	6	0.01	3.07	7
CO10278+	CO38253983	10.87	89 3-	1/0ACSR	1024	975	752	269	447	10	4	0.00	3.07	0
CO10214+	CO10278	11.08	89 3-	1/0ACSR	1005	958	738	267	447	10	4	0.02	3.09	13
CO10294+	CO10214	11.15	87 3-	1/0ACSR	999	952	734	267	437	10	4	0.01	3.09	4
CO10183+	CO10294	11.19	1 1-	2ACSR	0	0	730	266	9	0	0	0.00	3.09	0
OC1708491823+	CO10183	11.19	0 1-	20 N FUSE	0	0	730	266	0	0	0	0.00	3.09	0
CO10295+	CO10294	11.17	86 3-	1/0ACSR	997	950	732	266	428	9	4	0.00	3.10	0
CO10288+	CO10295	11.36	84 3-	1/0ACSR	981	935	720	265	421	9	4	0.02	3.11	10
CO10289+	CO10288	11.44	83 3-	1/0ACSR	975	930	716	265	411	9	4	0.01	3.12	4
CO10274+	CO10289	11.47	82 3-	1/0ACSR	973	927	714	264	407	9	4	0.00	3.12	0
CO10154+	CO10274	11.52	81 3-	1/0ACSR	969	923	711	264	407	9	4	0.00	3.12	3
CO10153+	CO10154	11.72	11 1-	6ACWC	0	0	693	261	64	4	3	0.02	3.14	0
OC-1928352186+	CO10153	11.72	11 1-	20 N FUSE	0	0	693	261	64	4	22	0.00	3.14	0
CO10239+	OC-1928352186	12.11	8 1-	6ACWC	0	0	661	256	49	3	2	0.03	3.17	2
CO10240+	CO10239	12.19	8 1-	6ACWC	0	0	654	255	49	3	2	0.01	3.18	0
CO10140+	CO10240	12.29	8 1-	6ACWC	0	0	646	254	49	3	2	0.01	3.19	0
CO10257+	CO10140	12.47	6 1-	6ACWC	0	0	632	252	37	2	2	0.01	3.20	0
CO10258+	CO10257	12.50	5 1-	6ACWC	0	0	630	251	27	1	1	0.00	3.20	0
CO10169+	CO10258	12.55	1 1-	4ACSR	0	0	626	251	14	0	1	0.00	3.20	0
CO10145+	CO10258	12.55	4 1-	4ACSR	0	0	626	251	13	0	1	0.00	3.20	0
CO10158+	CO10145	12.65	0 1-	4ACSR	0	0	619	250	0	0	0	0.00	3.20	0
CO10282+	CO10145	12.61	4 1-	6ACWC	0	0	622	250	13	0	1	0.00	3.20	0
CO10283+	CO10282	12.74	3 1-	6ACWC	0	0	613	249	11	0	1	0.00	3.20	0
CO10226+	CO10283	12.79	2 1-	6ACWC	0	0	609	248	7	0	0	0.00	3.20	0

Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10157+	CO10140	12.48	0 1-	4ACSR	0	0	632	252	0	0	0	0.00	3.19	0
CO10156+	CO10140	12.34	1 1-	4ACSR	0	0	643	254	8	0	0	0.00	3.19	0
CO10155+	CO10240	12.25	0 1-	4ACSR	0	0	649	255	0	0	0	0.00	3.18	0
CO10218+	OC-1928352186	11.85	3 1-	6ACWC	0	0	682	260	15	1	1	0.00	3.15	0
CO10275+	CO10218	11.91	3 1-	6ACWC	0	0	677	259	15	1	1	0.00	3.15	0
CO10276+	CO10275	12.08	2 1-	6ACWC	0	0	663	257	6	0	0	0.00	3.15	0
CO10219+	CO10276	12.17	2 1-	6ACWC	0	0	655	256	6	0	0	0.00	3.15	0
CO10237+	CO10219	12.30	0 1-	6ACWC	0	0	646	254	0	0	0	0.00	3.15	0
CO10238+	CO10237	12.34	0 1-	6ACWC	0	0	642	254	0	0	0	0.00	3.15	0
CO10215+	CO10219	12.49	2 1-	6ACWC	0	0	631	252	6	0	0	0.00	3.15	0
CO10216+	CO10215	12.59	2 1-	6ACWC	0	0	624	250	6	0	0	0.00	3.15	0
CO10217+	CO10216	12.66	2 1-	6ACWC	0	0	619	250	6	0	0	0.00	3.15	0
CO-215609987+	CO10217	12.84	1 1-	2ACSR	0	0	609	248	1	0	0	0.00	3.15	0
CO10269+	CO10154	11.55	69 3-	1/0ACSR	966	921	709	264	334	7	3	0.00	3.13	0
CO10270+	CO10269	11.62	68 3-	1/0ACSR	961	916	705	263	321	7	3	0.00	3.13	0
CO10271+	CO10270	11.71	67 3-	1/0ACSR	954	909	700	263	313	7	3	0.01	3.14	3
CO10179+	CO10271	11.74	1 1-	4ACSR	0	0	697	262	4	0	0	0.00	3.14	0
OC-2096526938+	CO10179	11.74	0 1-	20 N FUSE	0	0	697	262	0	0	0	0.00	3.14	0
CO10272+	CO10271	11.79	66 3-	1/0ACSR	947	903	695	262	309	7	3	0.01	3.14	2
CO10273+	CO10272	11.98	63 3-	1/0ACSR	934	890	685	261	302	6	3	0.01	3.15	5
CO10305+	CO10273	12.03	57 3-	1/0ACSR	929	886	682	261	278	6	3	0.00	3.16	0
CO17012+	CO10305	12.16	56 3-	1/0ACSR	920	878	675	260	270	6	3	0.01	3.16	3
CO9840+	CO17012	12.28	43 3-	1/0ACSR	912	869	669	259	232	5	2	0.01	3.17	0
CO9841+	CO9840	12.40	42 3-	1/0ACSR	903	861	662	258	232	5	2	0.01	3.17	0
CO9837+	CO9841	12.46	41 3-	1/0ACSR	899	857	659	258	224	5	2	0.00	3.18	0
CO9838+	CO9837	12.47	40 3-	1/0ACSR	899	857	659	258	222	5	2	0.00	3.18	0
CO9839+	CO9838	12.48	40 3-	1/0ACSR	898	856	658	258	222	5	2	0.00	3.18	0
CO9833+	CO9839	12.53	36 3-	1/0ACSR	894	853	655	257	199	4	2	0.00	3.18	0
CO9834+	CO9833	12.67	35 3-	1/0ACSR	885	844	648	256	196	4	2	0.01	3.18	0
CO9705+	CO9834	12.74	33 3-	1/0ACSR	880	839	645	256	183	4	2	0.00	3.19	0
CO9828+	CO9705	12.84	29 3-	1/0ACSR	874	833	640	255	154	3	2	0.00	3.19	0
CO9829+	CO9828	12.88	26 3-	1/0ACSR	871	831	638	255	142	3	1	0.00	3.19	0
CO9706+	CO9829	13.07	24 3-	1/0ACSR	859	819	629	254	135	3	1	0.01	3.20	0
CO9708+	CO9706	13.14	21 3-	1/0ACSR	854	815	626	253	128	2	1	0.00	3.20	0
CO9826+	CO9708	13.24	2 1-	4ACSR	0	0	619	252	25	1	1	0.00	3.20	0
OC761713813+	CO9826	13.24	1 1-	20 N FUSE	0	0	619	252	9	0	3	0.00	3.20	0
CO9827+	OC761713813	13.28	1 1-	4ACSR	0	0	616	252	9	0	0	0.00	3.20	0
CO9709+	CO9708	13.23	18 3-	1/0ACSR	849	810	622	253	100	2	1	0.00	3.20	0
CO9747+	CO9709	13.28	1 1-	4ACSR	0	0	618	252	4	0	0	0.00	3.20	0
OC-1470389222+	CO9747	13.28	0 1-	20 N FUSE	0	0	618	252	0	0	0	0.00	3.20	0
CO9823+	CO9709	13.36	2 1-	4ACSR	0	0	613	251	15	1	1	0.00	3.20	0
OC1694431084+	CO9823	13.36	1 1-	20 N FUSE	0	0	613	251	7	0	2	0.00	3.20	0
CO9824+	OC1694431084	13.39	1 1-	4ACSR	0	0	610	251	7	0	0	0.00	3.20	0
CO9825+	CO9824	13.43	1 1-	4ACSR	0	0	608	250	7	0	0	0.00	3.20	0
CO9821+	CO9709	13.28	15 3-	1/0ACSR	846	807	619	252	81	1	1	0.00	3.20	0
CO9822+	CO9821	13.37	13 3-	1/0ACSR	841	802	615	252	68	1	1	0.00	3.20	0
CO9695+	CO9822	13.46	3 3-	1/0ACSR	835	796	611	251	11	0	0	0.00	3.20	0
CO9715+	CO9695	13.51	1 1-	4ACSR	0	0	608	251	10	0	0	0.00	3.20	0
OC-501691697+	CO9715	13.51	0 1-	20 N FUSE	0	0	608	251	0	0	0	0.00	3.20	0
CO9696+	CO9695	13.49	0 3-	1/0ACSR	833	795	610	251	0	0	0	0.00	3.20	0
CO9936+	CO9696	13.49	0 3-	1/0ACSR	833	795	610	251	0	0	0	0.00	3.20	0
SW268-A+	CO9936	13.49	0 3-	Open	833	795	610	251	0	0	0	0.00	3.20	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9817+	CO9822	13.42	9 1-	4ACSR	0	0	612	251	50	3	2	0.00	3.20	0
OC-979634823+	CO9817	13.42	8 1-	20 N FUSE	0	0	612	251	48	3	16	0.00	3.20	0
CO9818+	OC-979634823	13.44	8 1-	4ACSR	0	0	611	251	48	3	2	0.00	3.21	0
CO9748+	CO9818	13.50	2 1-	4ACSR	0	0	607	250	15	1	1	0.00	3.21	0
CO9819+	CO9818	13.51	4 1-	4ACSR	0	0	606	250	22	1	1	0.00	3.21	0
CO9820+	CO9819	13.54	1 1-	4ACSR	0	0	604	250	4	0	0	0.00	3.21	0
CO9761+	CO9819	13.57	1 1-	2ACSR	0	0	603	250	4	0	0	0.00	3.21	0
CO9746+	CO9708	13.19	1 1-	4ACSR	0	0	622	253	3	0	0	0.00	3.20	0
OC1844020397+	CO9746	13.19	0 1-	20 N FUSE	0	0	622	253	0	0	0	0.00	3.20	0
CO9707+	CO9706	13.13	3 1-	4ACSR	0	0	625	253	7	0	0	0.00	3.20	0
OC-2079146990+	CO9707	13.13	2 1-	20 N FUSE	0	0	625	253	4	0	2	0.00	3.20	0
CO9745+	OC-2079146990	13.27	1 1-	4ACSR	0	0	615	251	4	0	0	0.00	3.20	0
CO9744+	OC-2079146990	13.18	1 1-	4ACSR	0	0	621	252	0	0	0	0.00	3.20	0
CO9743+	CO9829	13.00	1 1-	4ACSR	0	0	629	253	4	0	0	0.00	3.19	0
OC-1180009613+	CO9743	13.00	0 1-	20 N FUSE	0	0	629	253	0	0	0	0.00	3.19	0
CO9742+	CO9829	13.12	1 1-	4ACSR	0	0	620	252	4	0	0	0.00	3.19	0
OC323215689+	CO9742	13.12	0 1-	20 N FUSE	0	0	620	252	0	0	0	0.00	3.19	0
CO9741+	CO9705	12.91	0 1-	4ACSR	0	0	633	254	0	0	0	0.00	3.19	0
OC-1907031928+	CO9741	12.91	0 1-	20 N FUSE	0	0	633	254	0	0	0	0.00	3.19	0
CO9740+	CO9705	12.76	3 1-	4ACSR	0	0	643	256	27	1	1	0.00	3.19	0
OC-890105848+	CO9740	12.76	0 1-	20 N FUSE	0	0	643	256	0	0	0	0.00	3.19	0
CO9830+	CO9834	12.80	2 1-	4ACSR	0	0	638	255	14	0	1	0.00	3.19	0
OC-161233003+	CO9830	12.80	2 1-	20 N FUSE	0	0	638	255	14	0	5	0.00	3.19	0
CO9831+	OC-161233003	12.86	2 1-	4ACSR	0	0	634	254	14	0	1	0.00	3.19	0
CO9832+	CO9831	12.92	1 1-	4ACSR	0	0	630	253	3	0	0	0.00	3.19	0
CO9835+	CO9839	12.55	4 1-	4ACSR	0	0	652	257	23	1	1	0.00	3.18	0
OC858988576+	CO9835	12.55	3 1-	20 N FUSE	0	0	652	257	11	0	4	0.00	3.18	0
CO9836+	OC858988576	12.64	3 1-	4ACSR	0	0	645	255	11	0	1	0.00	3.18	0
CO9739+	CO9836	12.74	2 1-	4ACSR	0	0	638	254	8	0	0	0.00	3.18	0
CO9738+	CO9836	12.69	1 1-	4ACSR	0	0	641	255	3	0	0	0.00	3.18	0
CO9842+	CO17012	12.18	12 1-	6ACWC	0	0	673	259	30	2	1	0.00	3.16	0
CO9843+	CO9842	12.19	11 1-	6ACWC	0	0	672	259	29	1	1	0.00	3.16	0
CO9933+	CO9843	12.20	11 1-	6ACWC	0	0	671	259	29	1	1	0.00	3.16	0
OC263+	CO9933	12.20	11 1-	35 E OCR	0	0	671	259	29	1	6	0.00	3.16	0
CO9934+	OC263	12.42	11 1-	6ACWC	0	0	654	256	29	1	1	0.01	3.17	0
CO9733+	CO9934	12.48	1 1-	4ACSR	0	0	649	256	0	0	0	0.00	3.17	0
CO9844+	CO9934	12.61	9 1-	6ACWC	0	0	639	254	26	1	1	0.01	3.18	0
CO9845+	CO9844	12.66	8 1-	6ACWC	0	0	636	253	25	1	1	0.00	3.18	0
CO9846+	CO9845	12.77	8 1-	6ACWC	0	0	627	252	25	1	1	0.00	3.19	0
CO9847+	CO9846	12.89	8 1-	6ACWC	0	0	619	251	25	1	1	0.00	3.19	0
CO9850+	CO9847	12.97	6 1-	6ACWC	0	0	613	250	15	1	1	0.00	3.19	0
OC905634654+	CO9850	12.97	5 1-	20 N FUSE	0	0	613	250	14	0	5	0.00	3.19	0
CO9851+	OC905634654	13.00	5 1-	6ACWC	0	0	611	249	14	0	1	0.00	3.19	0
CO9852+	CO9851	13.29	4 1-	6ACWC	0	0	591	246	9	0	0	0.00	3.20	0
CO9853+	CO9852	13.73	4 1-	6ACWC	0	0	564	241	9	0	0	0.00	3.20	0
CO9854+	CO9853	14.05	2 1-	6ACWC	0	0	546	237	3	0	0	0.00	3.20	0
CO9704+	CO9854	14.27	1 1-	6ACWC	0	0	534	235	0	0	0	0.00	3.20	0
CO9736+	CO9704	14.60	0 1-	6ACWC	0	0	517	231	0	0	0	0.00	3.20	0
CO9735+	CO9704	14.31	1 1-	6ACWC	0	0	531	234	0	0	0	0.00	3.20	0
CO9855+	CO9854	14.13	1 1-	6ACWC	0	0	541	236	3	0	0	0.00	3.20	0
CO9856+	CO9855	14.31	1 1-	6ACWC	0	0	532	234	3	0	0	0.00	3.20	0
CO9857+	CO9856	14.41	0 1-	6ACWC	0	0	526	233	0	0	0	0.00	3.20	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9858+	CO9857	14.50	0 1-	6ACWC	0	0	522	232	0	0	0	0.00	3.20	0
CO9859+	CO9858	14.64	0 1-	6ACWC	0	0	515	231	0	0	0	0.00	3.20	0
CO9737+	CO9859	14.69	0 1-	6ACWC	0	0	512	230	0	0	0	0.00	3.20	0
CO9860+	CO9859	14.81	0 1-	6ACWC	0	0	506	229	0	0	0	0.00	3.20	0
CO9861+	CO9860	15.02	0 1-	6ACWC	0	0	496	227	0	0	0	0.00	3.20	0
CO9734+	CO9851	13.05	1 1-	4ACSR	0	0	608	249	5	0	0	0.00	3.19	0
CO9848+	CO9847	12.93	2 1-	6ACWC	0	0	616	250	11	0	1	0.00	3.19	0
CO9849+	CO9848	13.03	1 1-	6ACWC	0	0	609	249	11	0	1	0.00	3.19	0
CO10296+	CO10273	11.98	5 1-	6ACWC	0	0	684	261	15	1	1	0.00	3.15	0
OC277+	CO10296	11.98	5 1-	10 N FUSE	0	0	684	261	15	1	10	0.00	3.15	0
CO10297+	OC277	12.14	5 1-	6ACWC	0	0	671	259	15	1	1	0.00	3.16	0
CO10180+	CO10297	12.20	0 1-	4ACSR	0	0	666	258	0	0	0	0.00	3.16	0
CO10267+	CO10297	12.19	5 1-	6ACWC	0	0	667	258	15	1	1	0.00	3.16	0
CO10268+	CO10267	12.40	2 1-	6ACWC	0	0	650	255	13	0	1	0.00	3.16	0
CO10185+	CO10268	12.71	2 1-	6ACWC	0	0	627	252	13	0	1	0.01	3.17	0
CO10186+	CO10185	12.80	1 1-	6ACWC	0	0	620	251	11	0	1	0.00	3.17	0
CO10187+	CO10186	13.23	1 1-	6ACWC	0	0	592	246	11	0	1	0.01	3.18	0
CO10188+	CO10187	13.25	1 1-	6ACWC	0	0	590	245	11	0	1	0.00	3.18	0
CO10255+	CO10188	13.58	1 1-	6ACWC	0	0	569	241	11	0	1	0.00	3.18	0
CO10256+	CO10255	13.63	0 1-	6ACWC	0	0	566	241	0	0	0	0.00	3.18	0
CO10189+	CO10256	13.70	0 1-	6ACWC	0	0	562	240	0	0	0	0.00	3.18	0
CO10181+	CO10274	11.53	0 1-	4ACSR	0	0	708	264	0	0	0	0.00	3.12	0
OC994165229+	CO10181	11.53	0 1-	20 N FUSE	0	0	708	264	0	0	0	0.00	3.12	0
CO1445891027+	OC994165229	11.58	0 1-	2ACSR	0	0	705	263	0	0	0	0.00	3.12	0
CO10210+	CO10152	11.09	2 1-	6ACWC	0	0	721	264	7	0	0	0.01	3.04	0
OC1561709646+	CO10210	11.09	2 1-	20 N FUSE	0	0	721	264	7	0	2	0.00	3.04	0
CO10211+	OC1561709646	11.24	2 1-	6ACWC	0	0	708	262	7	0	0	0.00	3.04	0
CO10212+	CO10211	11.39	2 1-	6ACWC	0	0	694	260	7	0	0	0.00	3.04	0
CO10213+	CO10212	11.46	1 1-	6ACWC	0	0	687	259	2	0	0	0.00	3.04	0
CO10177+	CO10150	10.69	0 1-	4ACSR	0	0	755	268	0	0	0	0.00	3.01	0
OC1406938388+	CO10177	10.69	0 1-	20 N FUSE	0	0	755	268	0	0	0	0.00	3.01	0
CO10235+	CO10148	10.03	1 1-	4ACSR	0	0	812	275	3	0	0	0.00	2.97	0
OC-535427899+	CO10235	10.03	1 1-	20 N FUSE	0	0	812	275	3	0	1	0.00	2.97	0
CO10236+	OC-535427899	10.08	1 1-	4ACSR	0	0	805	274	3	0	0	0.00	2.97	0
CO-1228874108+	CO101086779	9.79	1 1-	2ACSR	0	0	836	277	3	0	0	0.00	2.96	0
OC1718848821+	CO-1228874108	9.79	0 1-	20 N FUSE	0	0	836	277	0	0	0	0.00	2.96	0
CO10298+	CO10147	9.38	2 1-	4ACSR	0	0	871	280	5	0	0	0.00	2.92	0
OC278+	CO10298	9.38	2 1-	10 N FUSE	0	0	871	280	5	0	3	0.00	2.92	0
CO10299+	OC278	9.43	2 1-	4ACSR	0	0	863	279	5	0	0	0.00	2.92	0
CO10279+	CO10299	9.48	2 1-	4ACSR	0	0	857	279	5	0	0	0.00	2.92	0
CO17027+	CO10279	10.09	1 1-	4ACSR	0	0	781	270	0	0	0	0.00	2.92	0
CO10587+	CO17027	10.17	1 1-	4ACSR	0	0	772	269	0	0	0	0.00	2.92	0
CO10588+	CO10587	10.24	1 1-	4ACSR	0	0	764	268	0	0	0	0.00	2.92	0
CO10589+	CO10588	10.32	1 1-	4ACSR	0	0	756	267	0	0	0	0.00	2.92	0
CO10590+	CO10589	10.38	1 1-	4ACSR	0	0	750	266	0	0	0	0.00	2.92	0
CO10654+	CO10590	10.54	1 1-	4ACSR	0	0	733	264	0	0	0	0.00	2.92	0
CO10655+	CO10654	10.55	0 1-	4ACSR	0	0	732	263	0	0	0	0.00	2.92	0
CO10566+	CO10655	10.61	0 1-	4ACSR	0	0	726	263	0	0	0	0.00	2.92	0
CO10175+	CO10263	9.36	1 1-	4ACSR	0	0	870	280	1	0	0	0.00	2.92	0
OC-161082205+	CO10175	9.36	0 1-	20 N FUSE	0	0	870	280	0	0	0	0.00	2.92	0
CO10174+	CO10263	9.42	0 1-	4ACSR	0	0	862	279	0	0	0	0.00	2.92	0
CO10173+	CO10260	9.16	1 1-	4ACSR	0	0	888	281	17	1	1	0.00	2.90	0

Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1774194199+	CO10173	9.16	0 1-	20 N FUSE	0	0	888	281	0	0	0	0.00	2.90	0
CO9965+	CO9999	8.93	1 1-	4ACSR	0	0	907	283	12	0	1	0.00	2.87	0
OC1187803766+	CO9965	8.93	0 1-	20 N FUSE	0	0	907	283	0	0	0	0.00	2.87	0
CO9964+	CO9999	8.92	1 1-	4ACSR	0	0	910	283	7	0	0	0.00	2.87	0
OC-399917412+	CO9964	8.92	0 1-	20 N FUSE	0	0	910	283	0	0	0	0.00	2.87	0
CO9963+	CO9999	8.89	1 1-	4ACSR	0	0	914	284	10	0	0	0.00	2.87	0
OC93640448+	CO9963	8.89	0 1-	20 N FUSE	0	0	914	284	0	0	0	0.00	2.87	0
CO9962+	CO1645223413	8.80	1 1-	4ACSR	0	0	924	284	8	0	0	0.00	2.86	0
OC-1014994031+	CO9962	8.80	0 1-	20 N FUSE	0	0	924	284	0	0	0	0.00	2.86	0
CO9940+	CO10074	8.64	4 1-	4ACSR	0	0	944	286	7	0	0	0.00	2.82	0
OC1013284387+	CO9940	8.64	4 1-	20 N FUSE	0	0	944	286	7	0	2	0.00	2.82	0
CO10126+	OC1013284387	8.65	4 1-	4ACSR	0	0	942	286	7	0	0	0.00	2.82	0
CO10127+	CO10126	8.71	2 1-	4ACSR	0	0	932	285	3	0	0	0.00	2.82	0
CO9996+	OC1013284387	8.71	0 1-	4ACSR	0	0	932	285	0	0	0	0.00	2.82	0
CO9997+	CO9996	8.93	0 1-	4ACSR	0	0	899	282	0	0	0	0.00	2.82	0
CO10125+	CO9997	8.94	0 1-	4ACSR	0	0	897	281	0	0	0	0.00	2.82	0
CO17018+	CO10125	9.28	0 1-	4ACSR	0	0	849	276	0	0	0	0.00	2.82	0
CO10425+	CO17018	9.57	0 1-	4ACSR	0	0	813	272	0	0	0	0.00	2.82	0
CO10426+	CO10425	9.78	0 1-	4ACSR	0	0	787	269	0	0	0	0.00	2.82	0
CO10040+	CO9939	7.41	1 1-	4ACSR	0	0	1094	296	3	0	0	0.00	2.66	0
OC-524894970+	CO10040	7.41	1 1-	20 N FUSE	0	0	1094	296	3	0	1	0.00	2.66	0
CO10041+	OC-524894970	7.46	1 1-	4ACSR	0	0	1082	295	3	0	0	0.00	2.66	0
CO9958+	CO9938	7.29	1 1-	4ACSR	0	0	1110	297	0	0	0	0.00	2.64	0
OC497478817+	CO9958	7.29	0 1-	20 N FUSE	0	0	1110	297	0	0	0	0.00	2.64	0
CO10133+	CO10086	6.68	3 1-	4ACSR	0	0	1211	302	27	1	1	0.00	2.55	0
OC269+	CO10133	6.68	3 1-	10 N FUSE	0	0	1211	302	27	1	19	0.00	2.55	0
CO10134+	OC269	7.03	3 1-	4ACSR	0	0	1125	296	27	1	1	0.01	2.56	0
CO9950+	CO10134	7.12	2 1-	4ACSR	0	0	1103	295	13	0	1	0.00	2.56	0
CO9973+	CO9950	7.19	1 1-	4ACSR	0	0	1089	294	8	0	0	0.00	2.56	0
CO9972+	CO9950	7.17	1 1-	4ACSR	0	0	1093	294	5	0	0	0.00	2.56	0
CO9971+	CO10134	7.24	1 1-	4ACSR	0	0	1077	293	15	1	1	0.00	2.56	0
CO9983+	CO10134	7.15	0 1-	4ACSR	0	0	1097	294	0	0	0	0.00	2.56	0
CO10410+	CO10466	6.56	2 1-	4ACSR	0	0	1222	302	5	0	0	0.00	2.51	0
OC1650692425+	CO10410	6.56	2 1-	20 N FUSE	0	0	1222	302	5	0	2	0.00	2.51	0
CO10411+	OC1650692425	6.61	2 1-	4ACSR	0	0	1210	302	5	0	0	0.00	2.51	0
CO10504+	CO10399	5.95	1 3-	2ACSR	1816	1718	1351	309	0	0	0	0.00	2.42	0
CO10503+	CO10504	5.99	1 3-	2ACSR	1801	1704	1340	308	0	0	0	0.00	2.42	0
CO10395+	CO10503	6.59	1 3-	2ACSR	1616	1536	1203	301	0	0	0	0.00	2.42	0
CO10396+	CO10399	5.95	1 3-	2ACSR	1816	1717	1350	308	272	6	3	0.00	2.42	0
CO10397+	CO10396	6.12	1 3-	2ACSR	1759	1666	1308	306	272	6	3	0.01	2.43	6
CO10528+	CO10397	6.21	1 3-	2ACSR	1728	1638	1286	305	272	6	3	0.01	2.44	3
CO10457+	CO10528	6.29	1 3-	2ACSR	1703	1615	1267	304	272	6	3	0.01	2.45	3
CO10458+	CO10457	6.34	0 3-	2ACSR	1687	1601	1255	304	0	0	0	0.00	2.45	0
380217016+	CO10457	6.29	1 3-	Consumer	1703	1615	1267	304	272	6	0	0.00	2.45	0
CO10385+	CO10384	6.06	2 1-	4ACSR	0	0	1306	306	2	0	0	0.00	2.40	0
OC2046603207+	CO10385	6.06	2 1-	20 N FUSE	0	0	1306	306	2	0	1	0.00	2.40	0
CO10386+	OC2046603207	6.15	2 1-	4ACSR	0	0	1278	304	2	0	0	0.00	2.40	0
CO10486+	CO10386	6.21	2 1-	4ACSR	0	0	1259	303	2	0	0	0.00	2.40	0
CO10487+	CO10486	6.61	2 1-	4ACSR	0	0	1154	296	2	0	0	0.00	2.40	0
CO10387+	CO10487	6.89	0 1-	4ACSR	0	0	1088	292	0	0	0	0.00	2.40	0
CO10388+	CO10387	7.24	0 1-	4ACSR	0	0	1017	286	0	0	0	0.00	2.40	0
CO10389+	CO10388	7.52	0 1-	4ACSR	0	0	964	282	0	0	0	0.00	2.40	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17034+	CO10389	7.85	0 1-	4ACSR	0	0	909	277	0	0	0	0.00	2.40	0
CO10526+	CO10487	7.12	1 1-	4ACSR	0	0	1039	288	0	0	0	0.00	2.40	0
CO10347+	CO10472	5.18	1 1-	1/0ACSR	0	0	1540	315	0	0	0	0.00	2.23	0
OC-1178304523+	CO10347	5.18	0 1-	20 N FUSE	0	0	1540	315	0	0	0	0.00	2.23	0
CO10495+	CO10317	4.15	5 1-	1/0ACSR	0	0	1888	325	16	1	0	0.00	1.99	0
OC284+	CO10495	4.15	5 1-	10 N FUSE	0	0	1888	325	16	1	11	0.00	1.99	0
CO10496+	OC284	4.20	5 1-	1/0ACSR	0	0	1869	324	16	1	0	0.00	1.99	0
CO10341+	CO10496	4.29	1 1-	1/0ACSR	0	0	1831	323	6	0	0	0.00	1.99	0
CO10340+	CO10496	4.35	1 1-	1/0ACSR	0	0	1809	323	0	0	0	0.00	1.99	0
CO10316+	CO10371	4.14	285 3-	1/0ACSR	2508	2361	1894	325	1396	31	14	0.05	1.99	105
CO10508+	CO10316	4.28	281 3-	2ACSR	2419	2280	1824	323	1385	31	18	0.06	2.05	129
CO10509+	CO10508	4.41	281 3-	2ACSR	2343	2212	1766	321	1384	31	18	0.05	2.10	116
CO10404+	CO10509	4.43	277 3-	1/0ACSR	2334	2204	1759	321	1369	31	14	0.00	2.11	10
CO10475+	CO10404	4.48	277 3-	1/0ACSR	2313	2184	1742	321	1369	31	14	0.01	2.12	27
CO10476+	CO10475	4.64	276 3-	1/0ACSR	2241	2117	1686	319	1365	31	14	0.04	2.17	92
CO10405+	CO10476	4.79	276 3-	1/0ACSR	2181	2061	1638	318	1365	31	14	0.04	2.21	82
CO10529+	CO10405	4.79	276 3-	750 MCM - 42 wi	2180	2060	1637	318	1364	31	3	0.00	2.21	0
OC291+	CO10529	4.79	273 3-	100 4E OCR	2180	2060	1637	318	1355	31	31	0.00	2.21	0
CO10502+	OC291	4.87	273 3-	1/0ACSR	2151	2033	1615	317	1355	31	13	0.02	2.23	40
CO10349+	CO10502	4.96	1 1-	4ACSR	0	0	1572	315	10	0	0	0.00	2.23	0
OC2036417015+	CO10349	4.96	0 1-	20 N FUSE	0	0	1572	315	0	0	0	0.00	2.23	0
CO10322+	CO10502	4.96	272 3-	1/0ACSR	2115	2000	1586	316	1346	30	13	0.03	2.25	51
CO10390+	CO10322	4.98	3 1-	6ACWC	0	0	1576	316	10	0	0	0.00	2.25	0
OC-250807448+	CO10390	4.98	3 1-	20 N FUSE	0	0	1576	316	10	0	3	0.00	2.25	0
CO10473+	OC-250807448	5.12	3 1-	6ACWC	0	0	1519	313	10	0	0	0.00	2.25	0
CO10474+	CO10473	5.27	2 1-	6ACWC	0	0	1459	311	8	0	0	0.00	2.26	0
CO10391+	CO10474	5.48	2 1-	6ACWC	0	0	1382	307	8	0	0	0.00	2.26	0
CO10350+	CO10322	5.01	1 1-	4ACSR	0	0	1565	315	11	0	1	0.00	2.25	0
OC1840461458+	CO10350	5.01	0 1-	20 N FUSE	0	0	1565	315	0	0	0	0.00	2.25	0
CO10323+	CO10322	5.07	268 3-	1/0ACSR	2075	1963	1555	315	1324	30	13	0.03	2.28	57
CO10325+	CO10323	5.11	50 1-	6ACWC	0	0	1539	315	236	16	12	0.01	2.29	5
CO10492+	CO10325	5.11	50 1-	6ACWC	0	0	1536	314	236	16	12	0.00	2.30	0
OC282+	CO10492	5.11	50 1-	35 H OCR	0	0	1536	314	236	16	46	0.00	2.30	0
CO10493+	OC282	5.15	50 1-	6ACWC	0	0	1522	314	236	16	12	0.01	2.31	5
XFMR58	CO10493	5.15	49 1-	333 KVA 1PH AUT	0	0	996	172	236	16	70	0.54	2.85	0
CO10477	XFMR58	5.25	49 1-	6ACWC	0	0	970	171	236	32	23	0.15	3.00	56
CO10392	CO10477	5.32	47 1-	6ACWC	0	0	952	170	230	31	23	0.10	3.10	38
CO10352	CO10392	5.44	0 1-	4ACSR	0	0	923	169	0	0	0	0.00	3.10	0
CO10478	CO10392	5.40	47 1-	6ACWC	0	0	931	169	230	31	23	0.12	3.21	44
CO10479	CO10478	5.54	46 1-	6ACWC	0	0	900	168	224	30	22	0.18	3.39	64
CO10480	CO10479	5.61	45 1-	6ACWC	0	0	882	167	211	29	21	0.10	3.49	33
CO17020	CO10480	5.69	36 1-	6ACWC	0	0	864	166	176	24	17	0.09	3.58	25
CO10101	CO17020	5.78	35 1-	6ACWC	0	0	846	165	170	23	17	0.08	3.66	22
CO10099	CO10101	5.88	18 1-	6ACWC	0	0	824	164	96	13	9	0.06	3.72	10
CO10100	CO10099	5.96	17 1-	6ACWC	0	0	806	163	92	12	9	0.05	3.77	7
CO10018	CO10100	6.06	16 1-	6ACWC	0	0	787	162	82	11	8	0.05	3.82	6
CO10019	CO10018	6.11	16 1-	6ACWC	0	0	778	162	82	11	8	0.02	3.84	3
CO9975	CO10019	6.16	2 1-	4ACSR	0	0	767	161	17	2	2	0.00	3.84	0
CO714025814	CO9975	6.20	1 1-	2ACSR	0	0	761	161	8	1	1	0.00	3.84	0
CO9974	CO10019	6.15	1 1-	4ACSR	0	0	770	161	3	0	0	0.00	3.84	0
CO10055	CO10019	6.22	13 1-	6ACWC	0	0	757	161	63	8	6	0.04	3.88	5
OC-702130228	CO10055	6.22	11 1-	20 N FUSE	0	0	757	161	62	8	43	0.00	3.88	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17285	OC-702130228	6.33	9 1-	6ACWC	0	0	736	160	57	7	6	0.03	3.92	3
CO2918	CO17285	6.41	6 1-	6ACWC	0	0	722	159	35	4	3	0.02	3.93	0
CO2919	CO2918	6.47	5 1-	6ACWC	0	0	713	158	32	4	3	0.01	3.94	0
CO2920	CO2919	6.61	5 1-	6ACWC	0	0	690	157	32	4	3	0.03	3.97	0
CO2924	CO2920	6.94	2 1-	4ACSR	0	0	640	154	11	1	1	0.02	3.99	0
CO2925	CO2924	7.00	1 1-	4ACSR	0	0	632	154	11	1	1	0.00	3.99	0
CO2922	CO2920	6.89	2 1-	6ACWC	0	0	647	155	2	0	0	0.00	3.97	0
CO2923	CO2922	7.04	1 1-	6ACWC	0	0	626	153	0	0	0	0.00	3.97	0
CO2921	CO2920	6.70	1 1-	4ACSR	0	0	675	156	19	2	2	0.01	3.98	0
CO2979	CO2921	6.81	1 1-	4ACSR	0	0	659	155	19	2	2	0.01	3.99	0
CO2980	CO2979	6.81	0 1-	4ACSR	0	0	658	155	0	0	0	0.00	3.99	0
CO9985	OC-702130228	6.27	2 1-	4ACSR	0	0	748	160	5	0	1	0.00	3.88	0
CO10048	CO10100	6.02	1 1-	4ACSR	0	0	795	163	9	1	1	0.00	3.77	0
CO10049	CO10048	6.05	1 1-	4ACSR	0	0	788	162	9	1	1	0.00	3.77	0
CO10050	CO10049	6.12	1 1-	4ACSR	0	0	776	162	9	1	1	0.00	3.78	0
CO10051	CO10050	6.18	1 1-	4ACSR	0	0	765	161	9	1	1	0.00	3.78	0
CO10020	CO10101	6.12	16 1-	4ACSR	0	0	775	162	65	8	6	0.14	3.79	14
CO1866255632	CO10020	6.26	15 1-	2ACSR	0	0	753	161	62	8	5	0.04	3.83	4
CO-1380627950	CO1866255632	6.32	14 1-	2ACSR	0	0	745	160	53	7	4	0.01	3.85	0
CO9976	CO-1380627950	6.41	1 1-	4ACSR	0	0	728	159	7	0	1	0.00	3.85	0
CO9951	CO-1380627950	6.53	13 1-	4ACSR	0	0	708	158	46	6	5	0.06	3.91	5
CO10097	CO9951	6.55	1 1-	4ACSR	0	0	704	158	0	0	0	0.00	3.91	0
CO10098	CO10097	6.65	0 1-	4ACSR	0	0	688	157	0	0	0	0.00	3.91	0
CO10022	CO10098	7.03	0 1-	4ACSR	0	0	632	154	0	0	0	0.00	3.91	0
CO10095	CO9951	6.73	12 1-	4ACSR	0	0	676	157	46	6	5	0.05	3.96	4
OC1517226558	CO10095	6.73	11 1-	20 N FUSE	0	0	676	157	39	5	27	0.00	3.96	0
CO10096	OC1517226558	7.00	11 1-	4ACSR	0	0	635	154	39	5	4	0.07	4.03	4
CO9952	CO10096	7.12	6 1-	4ACSR	0	0	618	153	23	3	2	0.02	4.04	0
CO10023	CO9952	7.39	5 1-	4ACSR	0	0	585	151	21	2	2	0.03	4.08	0
CO10119	CO10023	7.51	5 1-	4ACSR	0	0	570	150	21	2	2	0.02	4.09	0
CO10120	CO10119	7.67	4 1-	4ACSR	0	0	552	148	19	2	2	0.02	4.11	0
CO10024	CO10120	7.71	3 1-	4ACSR	0	0	547	148	13	1	1	0.00	4.11	0
CO10056	CO10024	7.83	3 1-	4ACSR	0	0	535	147	13	1	1	0.01	4.12	0
CO10057	CO10056	8.24	2 1-	4ACSR	0	0	495	144	12	1	1	0.03	4.16	0
CO9989	CO10057	8.42	1 1-	2ACSR	0	0	483	143	7	0	1	0.00	4.16	0
CO10058	CO10057	8.30	1 1-	4ACSR	0	0	490	143	5	0	1	0.00	4.16	0
CO9991	CO10056	7.89	1 1-	2ACSR	0	0	530	147	1	0	0	0.00	4.12	0
CO9977	CO9952	7.31	1 1-	4ACSR	0	0	594	151	2	0	0	0.00	4.05	0
CO10052	CO10096	7.05	4 1-	4ACSR	0	0	628	154	16	2	2	0.00	4.03	0
CO10093	CO10052	7.08	3 1-	4ACSR	0	0	625	153	12	1	1	0.00	4.03	0
CO10094	CO10093	7.15	1 1-	4ACSR	0	0	615	153	5	0	1	0.00	4.04	0
CO10053	CO10094	7.24	1 1-	4ACSR	0	0	603	152	5	0	1	0.00	4.04	0
CO-1177852489	CO1866255632	6.32	1 1-	2ACSR	0	0	744	160	9	1	1	0.00	3.83	0
CO10326	CO10480	5.71	7 1-	4ACSR	0	0	861	166	26	3	3	0.02	3.50	0
CO17284	CO10326	5.83	2 1-	4ACSR	0	0	833	165	0	0	0	0.00	3.50	0
CO4025	CO17284	5.92	1 1-	4ACSR	0	0	815	164	0	0	0	0.00	3.50	0
CO10512	CO10326	5.73	5 1-	4ACSR	0	0	856	166	26	3	3	0.00	3.51	0
CO10353	CO10512	5.75	2 1-	4ACSR	0	0	850	165	9	1	1	0.00	3.51	0
CO10513	CO10512	5.80	3 1-	4ACSR	0	0	840	165	17	2	2	0.00	3.51	0
CO10324+	CO10323	5.14	218 3-	1/0ACSR	2050	1939	1535	315	1088	24	11	0.02	2.29	25
CO17283+	CO10324	5.26	216 3-	1/0ACSR	2009	1901	1503	314	1081	24	11	0.03	2.32	42
CO3922+	CO17283	5.30	216 3-	1/0ACSR	1994	1886	1491	313	1081	24	11	0.01	2.33	15

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3923+	CO3922	5.42	213 3-	1/0ACSR	1956	1851	1462	312	1055	24	11	0.02	2.35	38
CO3924+	CO3923	5.48	212 3-	1/0ACSR	1938	1834	1448	312	1052	24	10	0.01	2.37	19
CO3872+	CO3924	5.55	0 1-	4ACSR	0	0	1421	310	0	0	0	0.00	2.37	0
OC2085657555+	CO3872	5.55	0 1-	20 N FUSE	0	0	1421	310	0	0	0	0.00	2.37	0
CO3925+	CO3924	5.57	212 3-	1/0ACSR	1908	1806	1425	311	1052	24	10	0.02	2.38	32
CO3927+	CO3925	5.60	212 3-	1/0ACSR	1899	1798	1418	311	1052	24	10	0.01	2.39	10
CO3926+	CO3927	5.66	211 3-	1/0ACSR	1880	1780	1402	310	1052	24	10	0.01	2.40	22
CO4084+	CO3926	5.67	2 1-	4ACSR	0	0	1400	310	1	0	0	0.00	2.40	0
OC116+	CO4084	5.67	2 1-	10 N FUSE	0	0	1400	310	1	0	1	0.00	2.40	0
CO4085+	OC116	5.98	2 1-	4ACSR	0	0	1298	304	1	0	0	0.00	2.40	0
CO3929+	CO4085	6.54	2 1-	4ACSR	0	0	1145	295	1	0	0	0.00	2.41	0
CO3928+	CO3929	6.85	1 1-	4ACSR	0	0	1074	290	0	0	0	0.00	2.41	0
CO3930+	CO3928	6.90	1 1-	4ACSR	0	0	1064	289	0	0	0	0.00	2.41	0
CO3932+	CO3926	5.69	209 3-	1/0ACSR	1871	1771	1396	310	1051	24	10	0.01	2.41	10
CO2056222926+	CO3932	5.72	1 1-	1/0PRIURD	0	0	1389	642	11	0	0	0.00	2.41	0
CO3931+	CO3932	5.72	207 3-	1/0ACSR	1862	1763	1389	310	1028	23	10	0.01	2.42	9
CO4030+	CO3931	5.78	1 1-	4ACSR	0	0	1371	309	4	0	0	0.00	2.42	0
OC1592251931+	CO4030	5.78	0 1-	20 N FUSE	0	0	1371	309	0	0	0	0.00	2.42	0
CO4031+	OC1592251931	5.82	0 1-	4ACSR	0	0	1357	308	0	0	0	0.00	2.42	0
CO3850+	CO3931	5.82	205 3-	1/0ACSR	1835	1738	1368	309	1024	23	10	0.02	2.44	30
CO3934+	CO3850	5.86	202 3-	1/0ACSR	1823	1726	1358	308	1008	23	10	0.01	2.44	13
CO3933+	CO3934	6.14	202 3-	1/0ACSR	1748	1656	1301	306	1008	23	10	0.06	2.50	85
CO3935+	CO3933	6.25	201 3-	1/0ACSR	1719	1630	1279	305	1007	23	10	0.02	2.52	34
CO4086+	CO3935	6.26	12 1-	6ACWC	0	0	1277	305	74	5	4	0.00	2.52	0
OC117+	CO4086	6.26	12 1-	10 N FUSE	0	0	1277	305	74	5	51	0.00	2.52	0
CO4087+	OC117	6.28	12 1-	6ACWC	0	0	1272	305	74	5	4	0.00	2.52	0
CO3937+	CO4087	6.38	4 1-	6ACWC	0	0	1244	303	31	2	2	0.00	2.53	0
CO3936+	CO3937	6.45	3 1-	6ACWC	0	0	1224	302	31	2	2	0.00	2.53	0
CO3873+	CO3936	6.49	1 1-	6ACWC	0	0	1212	301	9	0	0	0.00	2.53	0
CO4035+	CO3936	6.57	2 1-	6ACWC	0	0	1191	300	22	1	1	0.00	2.54	0
CO-1959963876+	CO4035	6.61	1 1-	2ACSR	0	0	1183	299	12	0	0	0.00	2.54	0
CO-2093650763+	CO-1959963876	6.65	1 1-	2ACSR	0	0	1176	299	12	0	0	0.00	2.54	0
CO4036+	CO4035	6.60	1 1-	6ACWC	0	0	1185	299	10	0	0	0.00	2.54	0
CO3939+	CO4087	6.59	8 1-	6ACWC	0	0	1186	299	43	2	2	0.02	2.55	0
CO3941+	CO3939	6.63	7 1-	6ACWC	0	0	1176	299	43	2	2	0.00	2.55	0
CO3940+	CO3941	6.65	6 1-	6ACWC	0	0	1170	298	35	2	2	0.00	2.55	0
CO3938+	CO3940	6.75	6 1-	6ACWC	0	0	1147	297	35	2	2	0.01	2.55	0
CO3854+	CO3938	7.04	6 1-	6ACWC	0	0	1082	292	35	2	2	0.02	2.57	0
CO3851+	CO3854	7.22	5 1-	6ACWC	0	0	1044	289	35	2	2	0.01	2.58	0
CO4038+	CO3851	7.26	1 1-	6ACWC	0	0	1035	288	1	0	0	0.00	2.58	0
CO4037+	CO4038	7.31	0 1-	6ACWC	0	0	1025	288	0	0	0	0.00	2.58	0
CO4039+	CO4037	7.50	0 1-	6ACWC	0	0	989	285	0	0	0	0.00	2.58	0
CO3852+	CO3851	7.46	4 1-	6ACWC	0	0	998	285	33	2	2	0.01	2.59	0
CO3945+	CO3852	7.65	2 1-	6ACWC	0	0	964	282	14	0	1	0.00	2.59	0
CO3944+	CO3945	7.75	1 1-	6ACWC	0	0	947	281	8	0	0	0.00	2.59	0
CO3946+	CO3944	7.87	1 1-	6ACWC	0	0	926	279	8	0	0	0.00	2.60	0
CO3943+	CO3946	7.94	1 1-	6ACWC	0	0	916	278	8	0	0	0.00	2.60	0
CO3947+	CO3943	7.97	1 1-	6ACWC	0	0	911	278	8	0	0	0.00	2.60	0
CO3942+	CO3947	7.98	1 1-	6ACWC	0	0	909	278	8	0	0	0.00	2.60	0
CO3948+	CO3942	7.99	1 1-	6ACWC	0	0	908	277	8	0	0	0.00	2.60	0
CO3877+	CO3948	8.03	1 1-	6ACWC	0	0	902	277	8	0	0	0.00	2.60	0
CO3876+	CO3948	8.04	0 1-	6ACWC	0	0	900	277	0	0	0	0.00	2.60	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3875+	CO3852	7.50	1 1-	6ACWC	0	0	989	285	11	0	1	0.00	2.59	0
CO3950+	CO3854	7.36	1 1-	6ACWC	0	0	1017	287	0	0	0	0.00	2.57	0
CO3951+	CO3950	7.43	1 1-	6ACWC	0	0	1004	286	0	0	0	0.00	2.57	0
CO3949+	CO3951	7.69	1 1-	6ACWC	0	0	956	282	0	0	0	0.00	2.57	0
CO3953+	CO3949	7.97	1 1-	6ACWC	0	0	911	278	0	0	0	0.00	2.57	0
CO3952+	CO3953	8.12	0 1-	6ACWC	0	0	888	276	0	0	0	0.00	2.57	0
CO3874+	CO3938	6.99	0 1-	6ACWC	0	0	1093	293	0	0	0	0.00	2.55	0
CO3853+	CO3935	6.30	188 3-	1/0ACSR	1708	1619	1270	305	924	21	9	0.01	2.53	12
CO4040+	CO3853	6.35	2 1-	4ACSR	0	0	1256	304	7	0	0	0.00	2.53	0
OC2141298035+	CO4040	6.35	1 1-	20 N FUSE	0	0	1256	304	0	0	0	0.00	2.53	0
CO4041+	OC2141298035	6.39	1 1-	4ACSR	0	0	1243	303	0	0	0	0.00	2.53	0
CO3954+	CO3853	6.36	186 3-	1/0ACSR	1692	1604	1258	304	917	21	9	0.01	2.54	16
CO3955+	CO3954	6.44	185 3-	1/0ACSR	1673	1586	1243	303	909	20	9	0.01	2.56	19
CO8274+	CO3955	6.63	185 3-	1/0ACSR	1630	1545	1210	302	909	20	9	0.03	2.59	47
CO2857+	CO8274	6.84	185 3-	1/0ACSR	1584	1502	1175	300	909	20	9	0.04	2.63	53
CO2875+	CO2857	6.89	1 1-	4ACSR	0	0	1163	299	8	0	0	0.00	2.63	0
OC1561624457+	CO2875	6.89	0 1-	20 N FUSE	0	0	1163	299	0	0	0	0.00	2.63	0
CO2858+	CO2857	6.94	184 3-	1/0ACSR	1563	1483	1159	299	901	20	9	0.02	2.65	24
CO2975+	CO2858	6.99	2 1-	4ACSR	0	0	1146	298	23	1	1	0.00	2.65	0
OC1028796102+	CO2975	6.99	2 1-	20 N FUSE	0	0	1146	298	23	1	8	0.00	2.65	0
CO17297+	OC1028796102	7.05	2 1-	4ACSR	0	0	1133	297	23	1	1	0.00	2.65	0
CO2976+	CO17297	7.09	1 1-	4ACSR	0	0	1122	297	9	0	0	0.00	2.65	0
CO2977+	CO2976	7.19	1 1-	4ACSR	0	0	1101	295	9	0	0	0.00	2.65	0
CO2973+	CO2858	7.04	182 3-	1/0ACSR	1542	1464	1143	298	877	20	9	0.02	2.66	24
CO2974+	CO2973	7.13	181 3-	1/0ACSR	1525	1447	1130	298	877	20	9	0.02	2.68	20
CO2900+	CO2974	7.19	1 1-	4ACSR	0	0	1117	297	9	0	0	0.00	2.68	0
OC651236609+	CO2900	7.19	0 1-	20 N FUSE	0	0	1117	297	0	0	0	0.00	2.68	0
CO2859+	CO2974	7.22	177 3-	1/0ACSR	1507	1430	1116	297	854	19	9	0.02	2.69	21
CO2860+	CO2859	7.27	176 3-	2ACSR	1495	1420	1107	296	850	19	11	0.01	2.71	16
CO2877+	CO2860	7.36	1 1-	4ACSR	0	0	1088	295	12	0	1	0.00	2.71	0
OC-432239067+	CO2877	7.36	0 1-	20 N FUSE	0	0	1088	295	0	0	0	0.00	2.71	0
CO2876+	CO2860	7.35	2 1-	4ACSR	0	0	1090	295	18	1	1	0.00	2.71	0
OC-1996465118+	CO2876	7.35	0 1-	20 N FUSE	0	0	1090	295	0	0	0	0.00	2.71	0
CO2947+	CO2860	7.39	171 3-	2ACSR	1467	1394	1087	295	815	18	10	0.03	2.73	37
CO2948+	CO2947	7.49	169 3-	2ACSR	1443	1372	1070	294	798	18	10	0.02	2.76	32
CO2861+	CO2948	7.52	21 1-	4ACSR	0	0	1063	293	123	8	6	0.01	2.76	0
CO2886+	CO2861	7.57	3 1-	4ACSR	0	0	1053	293	4	0	0	0.00	2.76	0
CO2985+	CO2861	7.53	18 1-	4ACSR	0	0	1062	293	119	8	6	0.00	2.77	0
OC84+	CO2985	7.53	18 1-	35 E OCR	0	0	1062	293	119	8	23	0.00	2.77	0
CO2986+	OC84	7.60	18 1-	4ACSR	0	0	1047	292	119	8	6	0.01	2.78	2
CO2862+	CO2986	7.70	14 1-	4ACSR	0	0	1028	290	88	6	4	0.01	2.79	0
CO2940+	CO2862	7.79	14 1-	4ACSR	0	0	1010	289	88	6	4	0.01	2.80	0
CO2941+	CO2940	7.86	13 1-	4ACSR	0	0	997	288	84	5	4	0.01	2.81	0
CO2879+	CO2941	7.93	1 1-	4ACSR	0	0	985	287	10	0	1	0.00	2.81	0
CO2938+	CO2941	7.98	12 1-	4ACSR	0	0	977	286	74	5	4	0.01	2.83	0
CO2939+	CO2938	8.02	12 1-	4ACSR	0	0	968	285	74	5	4	0.01	2.83	0
CO2937+	CO2939	8.07	11 1-	4ACSR	0	0	961	285	70	4	3	0.00	2.84	0
CO2880+	CO2937	8.12	1 1-	4ACSR	0	0	951	284	11	0	1	0.00	2.84	0
CO2863+	CO2937	8.48	9 1-	4ACSR	0	0	894	278	53	3	3	0.03	2.87	3
CO1478766226+	CO2863	8.56	1 1-	2ACSR	0	0	885	277	15	1	1	0.00	2.87	0
CO2864+	CO2863	8.67	8 1-	4ACSR	0	0	867	276	38	2	2	0.01	2.88	0
CO2930+	CO2864	8.73	2 1-	4ACSR	0	0	859	275	11	0	1	0.00	2.88	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2931+	CO2930	8.81	2 1-	4ACSR	0	0	847	273	11	0	1	0.00	2.88	0
CO2929+	CO2931	9.19	1 1-	4ACSR	0	0	800	268	0	0	0	0.00	2.88	0
CO2928+	CO2929	9.24	0 1-	4ACSR	0	0	793	268	0	0	0	0.00	2.88	0
CO2927+	CO2928	9.27	0 1-	4ACSR	0	0	789	267	0	0	0	0.00	2.88	0
CO2926+	CO2927	9.38	0 1-	4ACSR	0	0	776	266	0	0	0	0.00	2.88	0
CO2865+	CO2864	8.80	6 1-	4ACSR	0	0	849	274	27	1	1	0.01	2.89	0
CO2932+	CO2865	8.88	3 1-	4ACSR	0	0	838	273	11	0	1	0.00	2.89	0
CO2933+	CO2932	8.98	3 1-	4ACSR	0	0	825	271	11	0	1	0.00	2.89	0
CO2934+	CO2933	9.02	3 1-	4ACSR	0	0	820	271	11	0	1	0.00	2.89	0
CO2935+	CO2934	9.06	2 1-	4ACSR	0	0	815	270	0	0	0	0.00	2.89	0
CO2936+	CO2935	9.17	1 1-	4ACSR	0	0	801	268	0	0	0	0.00	2.89	0
CO2883+	CO2865	8.82	1 1-	4ACSR	0	0	846	273	8	0	0	0.00	2.89	0
CO2882+	CO2865	8.84	2 1-	4ACSR	0	0	844	273	8	0	0	0.00	2.89	0
CO2881+	CO2863	8.54	0 1-	4ACSR	0	0	886	277	0	0	0	0.00	2.87	0
CO2878+	CO2862	7.75	0 1-	4ACSR	0	0	1019	290	0	0	0	0.00	2.79	0
CO2942+	CO2986	7.64	3 1-	4ACSR	0	0	1039	291	20	1	1	0.00	2.78	0
CO2943+	CO2942	7.70	2 1-	4ACSR	0	0	1028	290	20	1	1	0.00	2.78	0
CO2945+	CO2943	7.88	1 1-	2ACSR	0	0	1001	288	10	0	0	0.00	2.78	0
CO2946+	CO2945	8.03	1 1-	2ACSR	0	0	979	287	10	0	0	0.00	2.78	0
CO2944+	CO2943	7.75	1 1-	4ACSR	0	0	1019	290	10	0	0	0.00	2.78	0
CO2866+	CO2948	7.64	147 3-	1/0ACSR	1418	1349	1050	293	672	15	7	0.02	2.78	20
CO2885+	CO2866	7.90	0 1-	4ACSR	0	0	1000	288	0	0	0	0.00	2.78	0
OC-231255964+	CO2885	7.90	0 1-	20 N FUSE	0	0	1000	288	0	0	0	0.00	2.78	0
CO2951+	CO2866	7.71	146 3-	1/0ACSR	1406	1337	1041	292	671	15	7	0.01	2.79	10
CO2952+	CO2951	7.73	145 3-	1/0ACSR	1402	1333	1038	292	661	15	7	0.00	2.79	3
CO2867+	CO2952	7.83	142 3-	1/0ACSR	1387	1319	1026	291	642	14	6	0.01	2.80	12
CO2889+	CO2867	7.87	2 1-	4ACSR	0	0	1017	290	4	0	0	0.00	2.80	0
OC1160188240+	CO2889	7.87	0 1-	20 N FUSE	0	0	1017	290	0	0	0	0.00	2.80	0
CO2868+	CO2867	7.90	140 3-	1/0ACSR	1374	1307	1017	291	638	14	6	0.01	2.81	9
CO2981+	CO2868	8.08	135 3-	2ACSR	1338	1274	991	289	623	14	8	0.03	2.85	34
CO2982+	CO2981	8.16	134 3-	2ACSR	1323	1260	980	288	617	14	8	0.01	2.86	15
CO2891+	CO2982	8.22	1 1-	4ACSR	0	0	970	287	2	0	0	0.00	2.86	0
OC810176915+	CO2891	8.22	0 1-	20 N FUSE	0	0	970	287	0	0	0	0.00	2.86	0
CO2964+	CO2982	8.40	126 3-	1/0ACSR	1288	1227	953	286	569	13	6	0.03	2.89	23
CO2965+	CO2964	8.53	126 3-	1/0ACSR	1270	1210	939	285	569	13	6	0.01	2.90	13
CO2894+	CO2965	8.63	1 1-	4ACSR	0	0	924	283	6	0	0	0.00	2.90	0
OC-849268570+	CO2894	8.63	0 1-	20 N FUSE	0	0	924	283	0	0	0	0.00	2.90	0
CO2966+	CO2965	8.63	124 3-	1/0ACSR	1256	1197	929	284	558	12	6	0.01	2.91	9
CO2967+	CO2966	8.73	123 3-	1/0ACSR	1244	1185	920	283	555	12	6	0.01	2.92	9
CO2872+	CO2967	8.87	122 3-	2ACSR	1220	1164	902	282	548	12	7	0.02	2.95	21
CO2968+	CO2872	8.92	120 3-	2ACSR	1211	1155	896	281	534	12	7	0.01	2.96	8
CO8237+	CO2968	9.23	120 3-	2ACSR	1164	1112	862	278	534	12	7	0.05	3.00	42
OC1085805786+	CO8237	9.23	120 3-	20 N FUSE	1164	1112	862	278	533	12	61	0.00	3.00	0
CO2129+	OC1085805786	9.44	120 3-	2ACSR	1133	1083	839	276	533	12	7	0.03	3.04	30
RG-1448482752+	CO2129	9.44	117 3-	100	1133	1083	839	276	527	12	12	-3.04	0.00	0
CO30692+	RG-1448482752	9.51	117 3-	2ACSR	1123	1074	832	275	527	11	7	0.01	0.01	8
CO-1741023017+	CO30692	9.55	116 3-	2ACSR	1118	1069	828	275	523	11	7	0.01	0.02	5
CO1054441373+	CO-1741023017	9.61	1 1-	2ACSR	0	0	823	274	4	0	0	0.00	0.02	0
CO445956062+	CO-1741023017	9.61	115 3-	2ACSR	1110	1062	823	274	519	11	6	0.01	0.02	7
CO2308+	CO445956062	9.66	115 3-	2ACSR	1103	1055	818	274	519	11	6	0.01	0.03	7
CO2034+	CO2308	9.75	114 3-	2ACSR	1090	1044	808	273	517	11	6	0.01	0.05	12
CO2059+	CO2034	9.84	2 3-	2ACSR	1080	1034	801	272	2	0	0	0.00	0.05	0

Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS		
	XFMR59	CO2059	9.84	2 3-	1000 KVA	1PH AU	1365	1280	1108	167	2	0	0	0.00	0.05	0
	CO2131	XFMR59	9.93	1 3-		2ACSR	1332	1250	1078	166	1	0	0	0.00	0.05	0
	CO2382	CO2131	10.14	1 3-		2ACSR	1262	1187	1014	165	1	0	0	0.00	0.05	0
	CO2307	CO2382	10.26	0 3-		2ACSR	1225	1154	981	164	0	0	0	0.00	0.05	0
	CO2130	CO2307	10.43	0 3-		2ACSR	1177	1110	939	163	0	0	0	0.00	0.05	0
	CO2373	CO2130	10.44	0 3-		2ACSR	1175	1108	937	163	0	0	0	0.00	0.05	0
	SW74-A	CO2373	10.44	0 3-		Open	1175	1108	937	163	0	0	0	0.00	0.05	0
	CO2071	XFMR59	9.89	1 1-		4ACSR	0	0	1087	166	2	0	0	0.00	0.05	0
OC-1572721038	CO2071	CO2071	9.89	0 1-	20 N FUSE		0	0	1087	166	0	0	0	0.00	0.05	0
	CO2107+	CO2034	9.77	1 1-		4ACSR	0	0	807	272	3	0	0	0.00	0.05	0
	CO2188+	CO2034	9.83	111 3-		336ACSR	1086	1040	805	272	512	11	2	0.00	0.05	0
	CO2187+	CO2188	9.95	111 3-		336ACSR	1080	1033	799	272	512	11	2	0.00	0.05	3
	CO2240+	CO2187	10.00	3 1-		2ACSR	0	0	795	271	7	0	0	0.00	0.05	0
OC340710077+	CO2240	CO2240	10.00	2 1-	20 N FUSE		0	0	795	271	7	0	3	0.00	0.05	0
	CO2239+	OC340710077	10.17	2 1-		2ACSR	0	0	779	270	7	0	0	0.00	0.06	0
	CO2238+	CO2239	10.23	1 1-		2ACSR	0	0	775	269	7	0	0	0.00	0.06	0
	CO2186+	CO2187	10.05	106 3-		336ACSR	1075	1028	795	272	495	11	2	0.00	0.06	2
	CO2185+	CO2186	10.13	106 3-		336ACSR	1070	1024	791	271	495	11	2	0.00	0.06	0
	CO2184+	CO2185	10.17	106 3-		336ACSR	1068	1022	789	271	495	11	2	0.00	0.06	0
	CO2183+	CO2184	10.21	106 3-		336ACSR	1066	1020	788	271	495	11	2	0.00	0.06	0
	CO2182+	CO2183	10.25	106 3-		336ACSR	1064	1017	786	271	495	11	2	0.00	0.07	0
	CO2181+	CO2182	10.29	106 3-		336ACSR	1062	1015	784	271	495	11	2	0.00	0.07	0
	CO2242+	CO2181	10.32	1 1-		2ACSR	0	0	782	271	4	0	0	0.00	0.07	0
OC999628517+	CO2242	CO2242	10.32	1 1-	20 N FUSE		0	0	782	271	4	0	1	0.00	0.07	0
	CO2241+	OC999628517	10.36	1 1-		2ACSR	0	0	778	270	4	0	0	0.00	0.07	0
	CO2180+	CO2181	10.49	105 3-		336ACSR	1051	1005	775	270	491	11	2	0.01	0.07	4
	CO2179+	CO2180	10.53	105 3-		336ACSR	1049	1003	774	270	491	11	2	0.00	0.08	0
	CO2178+	CO2179	10.56	105 3-		336ACSR	1048	1001	772	270	491	11	2	0.00	0.08	0
	CO2177+	CO2178	10.59	105 3-		336ACSR	1046	1000	771	270	491	11	2	0.00	0.08	0
	CO2176+	CO2177	10.67	105 3-		336ACSR	1042	996	768	270	491	11	2	0.00	0.08	0
	CO2175+	CO2176	10.76	105 3-		336ACSR	1038	991	764	269	491	11	2	0.00	0.08	0
	CO8225+	CO2175	10.86	5 1-		4ACSR	0	0	753	268	18	1	1	0.00	0.09	0
OC-743590346+	CO8225	CO8225	10.86	5 1-	20 N FUSE		0	0	753	268	18	1	6	0.00	0.09	0
	CO2916+	OC-743590346	10.97	2 1-		4ACSR	0	0	742	266	7	0	0	0.00	0.09	0
	CO2917+	CO2916	11.00	1 1-		4ACSR	0	0	739	266	4	0	0	0.00	0.09	0
	CO2915+	CO2917	11.09	1 1-		4ACSR	0	0	729	265	4	0	0	0.00	0.09	0
	CO2903+	OC-743590346	10.91	1 1-		4ACSR	0	0	748	267	0	0	0	0.00	0.09	0
	CO2902+	OC-743590346	10.95	2 1-		4ACSR	0	0	744	267	11	0	1	0.00	0.09	0
	CO2311+	CO2175	10.79	100 3-		336ACSR	1036	990	763	269	473	10	2	0.00	0.09	0
	CO2312+	CO2311	10.83	100 3-		336ACSR	1034	988	761	269	473	10	2	0.00	0.09	0
	CO2313+	CO2312	10.95	100 3-		336ACSR	1028	982	756	269	473	10	2	0.00	0.09	2
	CO2314+	CO2313	11.01	100 3-		336ACSR	1025	979	754	269	473	10	2	0.00	0.09	0
	CO2315+	CO2314	11.06	99 3-		336ACSR	1023	977	751	268	472	10	2	0.00	0.09	0
	CO2189+	CO2315	11.37	99 3-		336ACSR	1008	962	739	267	472	10	2	0.01	0.11	6
	CO8236+	CO2189	11.47	2 1-		4ACSR	0	0	730	266	5	0	0	0.00	0.11	0
OC1274106269+	CO8236	CO8236	11.47	2 1-	20 N FUSE		0	0	730	266	5	0	2	0.00	0.11	0
	CO2914+	OC1274106269	11.51	2 1-		4ACSR	0	0	725	265	5	0	0	0.00	0.11	0
	CO2978+	CO2914	11.57	1 1-		4ACSR	0	0	719	265	0	0	0	0.00	0.11	0
	CO2913+	CO2978	11.61	0 1-		4ACSR	0	0	716	264	0	0	0	0.00	0.11	0
	CO2912+	CO2913	11.70	0 1-		4ACSR	0	0	707	263	0	0	0	0.00	0.11	0
	CO2167+	CO2189	11.64	97 3-		336ACSR	996	950	729	266	468	10	2	0.01	0.12	5
	CO2168+	CO2167	11.68	97 3-		336ACSR	993	947	727	266	468	10	2	0.00	0.12	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC1352131085+	CO2168	11.68	97 3-	20 N FUSE	993	947	727	266	468	10	53	0.00	0.12	0
CO2169+	OC1352131085	11.70	97 3-	336ACSR	993	947	726	266	468	10	2	0.00	0.12	0
CO2066+	CO2169	11.73	94 3-	336ACSR	991	945	725	266	455	10	2	0.00	0.12	0
CO2158+	CO2066	11.74	94 3-	336ACSR	991	945	725	266	455	10	2	0.00	0.12	0
CO2159+	CO2158	11.78	94 3-	336ACSR	989	943	723	266	455	10	2	0.00	0.12	0
CO2247+	CO2159	11.82	5 1-	4ACSR	0	0	719	265	22	1	1	0.00	0.12	0
OC574345110+	CO2247	11.82	5 1-	20 N FUSE	0	0	719	265	22	1	7	0.00	0.12	0
CO2125+	OC574345110	11.87	2 1-	4ACSR	0	0	715	265	9	0	0	0.00	0.12	0
CO2112+	CO2125	11.91	2 1-	4ACSR	0	0	711	264	9	0	0	0.00	0.12	0
CO2246+	OC574345110	11.89	3 1-	4ACSR	0	0	713	264	13	0	1	0.00	0.12	0
CO2111+	CO2246	11.99	2 1-	4ACSR	0	0	704	263	13	0	1	0.00	0.12	0
CO2245+	CO2246	11.98	1 1-	4ACSR	0	0	705	263	0	0	0	0.00	0.12	0
CO2160+	CO2159	11.80	89 3-	336ACSR	988	942	722	266	433	9	2	0.00	0.12	0
CO2161+	CO2160	11.99	89 3-	336ACSR	979	933	715	265	433	9	2	0.01	0.13	3
CO2126+	CO2161	12.03	1 1-	2ACSR	0	0	712	265	8	0	0	0.00	0.13	0
OC1682572727+	CO2126	12.03	0 1-	20 N FUSE	0	0	712	265	0	0	0	0.00	0.13	0
CO2162+	CO2161	12.03	88 3-	336ACSR	978	932	714	265	425	9	2	0.00	0.13	0
CO2163+	CO2162	12.11	88 3-	336ACSR	974	928	711	265	425	9	2	0.00	0.13	0
CO2128+	CO2163	12.14	1 1-	2ACSR	0	0	709	265	5	0	0	0.00	0.13	0
OC1506869561+	CO2128	12.14	1 1-	20 N FUSE	0	0	709	265	5	0	2	0.00	0.13	0
CO2316+	OC1506869561	12.21	1 1-	1/0PRIURD	0	0	705	455	5	0	0	0.00	0.13	0
CO2164+	CO2163	12.22	87 3-	336ACSR	969	924	707	265	420	9	2	0.00	0.13	0
CO2318+	CO2164	12.27	87 3-	336ACSR	967	921	705	264	420	9	2	0.00	0.14	0
CO2317+	CO2318	12.62	87 3-	336ACSR	952	906	693	263	420	9	2	0.01	0.15	5
CO2165+	CO2317	12.67	86 3-	336ACSR	950	904	691	263	408	9	2	0.00	0.15	0
CO2122+	CO2165	12.77	1 3-	4ACSR	936	892	682	262	0	0	0	0.00	0.15	0
OC-1469377920+	CO2122	12.77	0 3-	20 N FUSE	936	892	682	262	0	0	0	0.00	0.15	0
CO2320+	CO2165	12.68	85 3-	336ACSR	949	904	691	263	408	9	2	0.00	0.15	0
CO2319+	CO2320	12.76	85 3-	336ACSR	946	900	688	263	408	9	2	0.00	0.15	0
CO2322+	CO2319	12.78	85 3-	336ACSR	945	900	687	263	408	9	2	0.00	0.15	0
CO2321+	CO2322	12.94	83 3-	336ACSR	938	893	682	262	406	9	2	0.01	0.16	2
CO2324+	CO2321	13.11	82 3-	336ACSR	932	886	676	262	405	9	2	0.01	0.16	2
CO2323+	CO2324	13.13	82 3-	336ACSR	930	885	675	262	405	9	2	0.00	0.16	0
CO-472299163+	CO2323	13.15	80 3-	2ACSR	929	883	674	261	394	8	5	0.00	0.16	0
CO-294188546+	CO-472299163	13.18	80 3-	2ACSR	927	881	672	261	394	8	5	0.00	0.17	0
CO2325+	CO-294188546	13.32	80 3-	336ACSR	921	876	668	261	394	8	2	0.00	0.17	0
CO2064+	CO2325	13.39	58 1-	2ACSR	0	0	664	260	286	19	11	0.02	0.19	9
CO2067+	CO2064	13.49	58 1-	2ACSR	0	0	657	259	286	19	11	0.03	0.22	14
AU-1963259189	CO2067	13.49	58 1-	333 KVA 1PH AUT	0	0	711	163	286	19	84	0.67	0.89	0
CO2333	AU-1963259189	13.55	56 1-	2ACSR	0	0	704	162	284	38	21	0.07	0.96	31
CO2334	CO2333	13.68	55 1-	2ACSR	0	0	688	162	277	37	21	0.15	1.11	62
CO2155	CO2334	13.70	54 1-	2ACSR	0	0	685	161	264	35	20	0.02	1.13	10
CO2109	CO2155	13.75	1 1-	4ACSR	0	0	678	161	7	0	1	0.00	1.13	0
CO2065	CO2155	13.77	53 1-	2ACSR	0	0	677	161	257	34	19	0.08	1.21	31
CO2335	CO2065	13.81	52 1-	2ACSR	0	0	672	161	253	34	19	0.04	1.25	17
CO2336	CO2335	13.96	51 1-	2ACSR	0	0	655	160	250	33	19	0.16	1.41	61
CO2174	CO2336	14.03	0 1-	4ACSR	0	0	645	159	0	0	0	0.00	1.41	0
CO2173	CO2174	14.36	0 1-	4ACSR	0	0	604	156	0	0	0	0.00	1.41	0
CO2172	CO2173	14.56	0 1-	4ACSR	0	0	581	154	0	0	0	0.00	1.41	0
CO2171	CO2172	14.59	0 1-	4ACSR	0	0	578	154	0	0	0	0.00	1.41	0
CO2170	CO2171	14.66	0 1-	4ACSR	0	0	570	153	0	0	0	0.00	1.41	0
CO8232	CO2170	14.96	0 1-	4ACSR	0	0	539	150	0	0	0	0.00	1.41	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2377	CO2336	13.97	51 1-	2ACSR	0	0	654	160	249	33	19	0.01	1.42	3
OC68	CO2377	13.97	51 1-	50 H OCR	0	0	654	160	249	33	68	0.00	1.42	0
CO2378	OC68	14.09	51 1-	2ACSR	0	0	640	159	249	33	19	0.13	1.55	51
CO2337	CO2378	14.10	51 1-	2ACSR	0	0	639	159	249	33	19	0.01	1.56	4
CO2338	CO2337	14.12	51 1-	2ACSR	0	0	638	159	249	33	19	0.02	1.58	6
CO2339	CO2338	14.16	51 1-	2ACSR	0	0	633	158	249	33	19	0.05	1.63	19
CO2340	CO2339	14.18	50 1-	2ACSR	0	0	630	158	237	32	18	0.02	1.65	8
CO2341	CO2340	14.20	49 1-	2ACSR	0	0	629	158	236	32	18	0.01	1.66	4
CO8231	CO2341	14.35	49 1-	2ACSR	0	0	613	157	236	32	18	0.16	1.82	58
CO1278	CO8231	14.43	49 1-	2ACSR	0	0	605	156	236	32	18	0.08	1.90	29
CO1484	CO1278	14.48	1 1-	4ACSR	0	0	600	156	3	0	0	0.00	1.90	0
OC133834836	CO1484	14.48	1 1-	20 N FUSE	0	0	600	156	3	0	2	0.00	1.90	0
CO1485	OC133834836	14.49	1 1-	4ACSR	0	0	599	156	3	0	0	0.00	1.90	0
CO8235	CO1485	14.62	0 1-	4ACSR	0	0	584	155	0	0	0	0.00	1.90	0
CO1279	CO1278	14.60	48 1-	2ACSR	0	0	590	155	233	31	18	0.16	2.06	59
CO1316	CO1279	14.91	2 1-	4ACSR	0	0	555	153	3	0	0	0.00	2.06	0
CO1280	CO1279	14.62	46 1-	2ACSR	0	0	587	155	229	31	17	0.02	2.08	8
CO1482	CO1280	14.84	46 1-	2ACSR	0	0	568	154	229	31	17	0.21	2.29	75
CO1483	CO1482	14.88	46 1-	2ACSR	0	0	565	154	229	31	17	0.04	2.33	14
CO1281	CO1483	15.02	34 1-	2ACSR	0	0	553	153	186	25	14	0.11	2.44	31
CO1282	CO1281	15.11	30 1-	2ACSR	0	0	545	152	174	23	13	0.07	2.51	19
CO1465	CO1282	15.26	5 1-	4ACSR	0	0	531	151	28	3	3	0.02	2.53	0
OC345597748	CO1465	15.26	4 1-	20 N FUSE	0	0	531	151	22	3	15	0.00	2.53	0
CO1467	OC345597748	15.36	3 1-	2ACSR	0	0	523	150	21	2	2	0.01	2.54	0
CO1468	CO1467	15.39	3 1-	2ACSR	0	0	521	150	21	2	2	0.00	2.55	0
CO1469	CO1468	15.44	2 1-	2ACSR	0	0	517	150	10	1	1	0.00	2.55	0
CO327691258	CO1469	15.81	1 1-	2ACSR	0	0	491	148	3	0	0	0.00	2.55	0
CO1466	OC345597748	15.30	1 1-	4ACSR	0	0	527	150	1	0	0	0.00	2.53	0
CO-2029327586	CO1282	15.16	24 1-	2ACSR	0	0	541	152	145	19	11	0.03	2.54	7
CO1420775688	CO-2029327586	15.22	2 1-	2ACSR	0	0	537	151	10	1	1	0.00	2.54	0
CO1055634389	CO-2029327586	15.30	22 1-	2ACSR	0	0	530	151	135	18	10	0.08	2.63	18
CO1444	CO1055634389	15.35	3 1-	4ACSR	0	0	525	151	25	3	2	0.00	2.63	0
CO1445	CO1444	15.40	2 1-	4ACSR	0	0	521	150	9	1	1	0.00	2.63	0
CO1446	CO1445	15.54	1 1-	4ACSR	0	0	508	149	9	1	1	0.00	2.64	0
CO1284	CO1055634389	15.42	19 1-	4ACSR	0	0	519	150	110	15	11	0.08	2.71	14
OC1305089452	CO1284	15.42	19 1-	20 N FUSE	0	0	519	150	110	15	75	0.00	2.71	0
CO1285	OC1305089452	15.52	17 1-	4ACSR	0	0	510	149	98	13	10	0.06	2.76	9
CO1321	CO1285	15.64	2 1-	4ACSR	0	0	500	148	11	1	1	0.00	2.77	0
CO1286	CO1285	15.69	15 1-	4ACSR	0	0	496	148	87	11	9	0.09	2.86	13
CO1447	CO1286	15.84	15 1-	4ACSR	0	0	483	146	87	11	9	0.08	2.94	11
CO1448	CO1447	15.86	14 1-	4ACSR	0	0	482	146	85	11	8	0.01	2.95	0
CO1451	CO1448	15.90	14 1-	4ACSR	0	0	479	146	85	11	8	0.02	2.97	3
CO1452	CO1451	15.92	14 1-	4ACSR	0	0	477	146	85	11	8	0.01	2.98	0
CO1322	CO1452	16.01	1 1-	4ACSR	0	0	469	145	3	0	0	0.00	2.98	0
CO1287	CO1452	16.11	13 1-	4ACSR	0	0	462	144	82	11	8	0.10	3.08	13
CO1454	CO1287	16.17	9 1-	4ACSR	0	0	457	144	63	8	6	0.02	3.10	0
CO1455	CO1454	16.25	8 1-	4ACSR	0	0	451	143	56	7	6	0.02	3.12	0
CO1456	CO1455	16.29	6 1-	4ACSR	0	0	449	143	36	5	4	0.01	3.13	0
CO1325	CO1456	16.33	2 1-	4ACSR	0	0	446	142	10	1	1	0.00	3.13	0
CO1288	CO1456	16.35	4 1-	4ACSR	0	0	445	142	27	3	3	0.01	3.14	0
CO1327	CO1288	16.41	1 1-	4ACSR	0	0	441	142	9	1	1	0.00	3.14	0
CO1326	CO1288	16.40	1 1-	4ACSR	0	0	441	142	13	1	1	0.00	3.14	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1457	CO1288	16.40	2 1-	4ACSR	0	0	441	142	4	0	0	0.00	3.14	0
CO1458	CO1457	16.41	1 1-	4ACSR	0	0	440	142	0	0	0	0.00	3.14	0
CO1328	CO1458	16.45	0 1-	4ACSR	0	0	438	142	0	0	0	0.00	3.14	0
CO1459	CO1458	16.45	1 1-	4ACSR	0	0	438	142	0	0	0	0.00	3.14	0
CO1460	CO1459	16.84	1 1-	4ACSR	0	0	412	139	0	0	0	0.00	3.14	0
CO1461	CO1460	16.99	1 1-	4ACSR	0	0	403	137	0	0	0	0.00	3.14	0
CO1462	CO1461	17.09	1 1-	4ACSR	0	0	397	137	0	0	0	0.00	3.14	0
CO1463	CO1462	17.14	1 1-	4ACSR	0	0	395	136	0	0	0	0.00	3.14	0
CO1453	CO1287	16.15	3 1-	4ACSR	0	0	459	144	16	2	2	0.00	3.08	0
CO1464	CO1453	16.33	2 1-	4ACSR	0	0	446	142	7	1	1	0.01	3.09	0
CO1324	CO1464	16.42	1 1-	4ACSR	0	0	440	142	7	1	1	0.00	3.09	0
CO1323	CO1464	16.40	1 1-	4ACSR	0	0	441	142	0	0	0	0.00	3.09	0
CO1449	CO1448	15.88	0 1-	4ACSR	0	0	480	146	0	0	0	0.00	2.95	0
CO1450	CO1449	15.92	0 1-	4ACSR	0	0	476	146	0	0	0	0.00	2.95	0
CO1320	OC1305089452	15.52	2 1-	4ACSR	0	0	510	149	11	1	1	0.01	2.71	0
CO1330	CO1320	15.57	1 1-	2ACSR	0	0	507	149	10	1	1	0.00	2.71	0
CO1319	CO1281	15.09	1 1-	4ACSR	0	0	545	152	1	0	0	0.00	2.44	0
CO1318	CO1281	15.06	2 1-	4ACSR	0	0	549	152	9	1	1	0.00	2.44	0
CO1470	CO1483	15.01	11 1-	4ACSR	0	0	551	152	37	5	4	0.03	2.36	0
OC-622856429	CO1470	15.01	10 1-	20 N FUSE	0	0	551	152	28	3	19	0.00	2.36	0
CO1471	OC-622856429	15.04	10 1-	4ACSR	0	0	548	152	28	3	3	0.01	2.37	0
CO1472	CO1471	15.16	10 1-	4ACSR	0	0	536	151	28	3	3	0.02	2.39	0
CO1510	CO1472	15.18	7 1-	4ACSR	0	0	535	151	19	2	2	0.00	2.39	0
CO1511	CO1510	15.20	6 1-	4ACSR	0	0	532	151	15	2	2	0.00	2.39	0
CO1477	CO1511	15.25	5 1-	4ACSR	0	0	528	150	15	2	2	0.00	2.40	0
CO1478	CO1477	15.28	5 1-	4ACSR	0	0	525	150	15	2	2	0.00	2.40	0
CO1479	CO1478	15.33	4 1-	4ACSR	0	0	520	150	10	1	1	0.00	2.40	0
CO1480	CO1479	15.71	2 1-	4ACSR	0	0	487	146	2	0	0	0.00	2.40	0
CO1481	CO1480	15.80	1 1-	4ACSR	0	0	479	146	0	0	0	0.00	2.40	0
CO1473	CO1472	15.19	3 1-	4ACSR	0	0	534	151	9	1	1	0.00	2.39	0
CO1474	CO1473	15.24	2 1-	4ACSR	0	0	528	150	7	1	1	0.00	2.39	0
CO1475	CO1474	15.26	1 1-	4ACSR	0	0	527	150	7	0	1	0.00	2.39	0
CO1476	CO1475	15.47	1 1-	4ACSR	0	0	507	148	7	0	1	0.00	2.40	0
CO1317	CO1280	14.70	0 1-	4ACSR	0	0	579	155	0	0	0	0.00	2.08	0
CO2108	CO2065	13.84	1 1-	4ACSR	0	0	667	160	4	0	0	0.00	1.21	0
CO2110	AU-1963259189	13.56	2 1-	4ACSR	0	0	701	162	3	0	0	0.00	0.89	0
CO2327+	CO2325	13.44	22 3-	336ACSR	916	871	664	260	108	2	0	0.00	0.17	0
CO2328+	CO2327	13.61	21 3-	336ACSR	909	865	659	260	100	2	0	0.00	0.17	0
CO2329+	CO2328	13.64	18 3-	336ACSR	908	863	657	260	80	1	0	0.00	0.17	0
CO2330+	CO2329	13.67	14 3-	336ACSR	907	862	656	260	70	1	0	0.00	0.17	0
CO2332+	CO2330	13.70	13 3-	336ACSR	906	861	656	260	66	1	0	0.00	0.17	0
CO2331+	CO2332	13.73	13 3-	336ACSR	905	860	655	259	66	1	0	0.00	0.17	0
CO2154+	CO2331	13.81	12 3-	336ACSR	902	857	652	259	65	1	0	0.00	0.17	0
CO2156+	CO2154	13.88	8 3-	336ACSR	899	854	650	259	54	1	0	0.00	0.18	0
CO2157+	CO2156	13.89	8 3-	336ACSR	899	854	650	259	54	1	0	0.00	0.18	0
CO8219+	CO2157	14.00	7 3-	336ACSR	895	850	646	259	48	1	0	0.00	0.18	0
CO1533+	CO8219	14.28	6 3-	336ACSR	884	839	638	258	39	0	0	0.00	0.18	0
CO1681+	CO1533	14.31	5 3-	336ACSR	883	838	637	258	28	0	0	0.00	0.18	0
CO1680+	CO1681	14.39	5 3-	336ACSR	880	836	635	257	28	0	0	0.00	0.18	0
CO1909+	CO1680	14.48	4 3-	336ACSR	877	832	632	257	28	0	0	0.00	0.18	0
CO1910+	CO1909	14.72	4 3-	336ACSR	868	824	625	256	28	0	0	0.00	0.18	0
CO1679+	CO1910	14.76	3 3-	336ACSR	867	822	624	256	18	0	0	0.00	0.18	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1907+	CO1679	14.81	2 3-	336ACSR	865	821	622	256	12	0	0	0.00	0.18	0
CO1908+	CO1907	14.97	0 3-	336ACSR	859	815	618	255	0	0	0	0.00	0.18	0
CO1998+	CO1908	15.04	0 3-	336ACSR	857	813	616	255	0	0	0	0.00	0.18	0
SW51-B+	CO1998	15.04	0 3-	Open	857	813	616	255	0	0	0	0.00	0.18	0
CO1586+	CO1680	14.41	1 1-	4ACSR	0	0	633	257	1	0	0	0.00	0.18	0
OC947310806+	CO1586	14.41	0 1-	20 N FUSE	0	0	633	257	0	0	0	0.00	0.18	0
CO1587+	CO1533	14.30	1 1-	4ACSR	0	0	636	257	11	0	1	0.00	0.18	0
OC-1872335519+	CO1587	14.30	0 1-	20 N FUSE	0	0	636	257	0	0	0	0.00	0.18	0
CO1591+	CO8219	14.14	1 1-	4ACSR	0	0	636	257	9	0	0	0.00	0.18	0
OC-162990370+	CO1591	14.14	0 1-	20 N FUSE	0	0	636	257	0	0	0	0.00	0.18	0
CO2120+	CO2157	13.95	1 1-	4ACSR	0	0	645	258	6	0	0	0.00	0.18	0
OC1464676237+	CO2120	13.95	0 1-	20 N FUSE	0	0	645	258	0	0	0	0.00	0.18	0
CO2119+	CO2154	13.84	2 1-	4ACSR	0	0	650	259	4	0	0	0.00	0.18	0
OC-773099313+	CO2119	13.84	0 1-	20 N FUSE	0	0	650	259	0	0	0	0.00	0.18	0
CO2121+	CO2323	13.18	1 1-	4ACSR	0	0	672	261	7	0	0	0.00	0.16	0
OC-1743038643+	CO2121	13.18	0 1-	20 N FUSE	0	0	672	261	0	0	0	0.00	0.16	0
CO2166+	CO2169	11.76	3 1-	4ACSR	0	0	721	265	13	0	1	0.00	0.12	0
OC1224685867+	CO2166	11.76	3 1-	20 N FUSE	0	0	721	265	13	0	4	0.00	0.12	0
CO8249+	OC1224685867	11.87	3 1-	4ACSR	0	0	710	264	13	0	1	0.00	0.12	0
CO2911+	CO8249	12.13	2 1-	4ACSR	0	0	687	260	12	0	1	0.00	0.12	0
CO2910+	CO2911	12.16	1 1-	4ACSR	0	0	685	260	2	0	0	0.00	0.12	0
CO2909+	CO2910	12.23	1 1-	4ACSR	0	0	679	259	2	0	0	0.00	0.12	0
CO2309+	RG-1448482752	9.45	0 3-	2ACSR	1132	1082	839	276	0	0	0	0.00	0.00	0
CO2033+	CO2129	9.70	1 1-	4ACSR	0	0	806	272	0	0	0	0.00	3.04	0
OC1545479137+	CO2033	9.70	1 1-	20 N FUSE	0	0	806	272	0	0	0	0.00	3.04	0
CO2191+	OC1545479137	9.80	0 1-	4ACSR	0	0	795	271	0	0	0	0.00	3.04	0
CO2190+	CO2191	9.85	0 1-	4ACSR	0	0	790	270	0	0	0	0.00	3.04	0
CO2069+	OC1545479137	9.75	0 1-	4ACSR	0	0	801	271	0	0	0	0.00	3.04	0
CO2068+	OC1545479137	9.73	1 1-	4ACSR	0	0	804	272	0	0	0	0.00	3.04	0
CO228861988+	CO2068	9.83	1 1-	2ACSR	0	0	795	271	0	0	0	0.00	3.04	0
CO2070+	CO2129	9.49	1 1-	4ACSR	0	0	833	275	5	0	0	0.00	3.04	0
CO2896+	CO2872	8.93	2 1-	4ACSR	0	0	893	281	14	0	1	0.00	2.95	0
OC1850914695+	CO2896	8.93	0 1-	20 N FUSE	0	0	893	281	0	0	0	0.00	2.95	0
CO2895+	CO2967	8.76	1 1-	4ACSR	0	0	914	283	7	0	0	0.00	2.92	0
OC932610566+	CO2895	8.76	0 1-	20 N FUSE	0	0	914	283	0	0	0	0.00	2.92	0
CO2959+	CO2982	8.25	7 1-	4ACSR	0	0	964	286	47	3	2	0.01	2.87	0
OC2003961040+	CO2959	8.25	5 1-	20 N FUSE	0	0	964	286	46	3	16	0.00	2.87	0
CO2960+	OC2003961040	8.30	5 1-	4ACSR	0	0	956	285	46	3	2	0.00	2.87	0
CO2871+	CO2960	8.32	3 1-	4ACSR	0	0	952	285	18	1	1	0.00	2.87	0
CO2893+	CO2871	8.42	1 1-	4ACSR	0	0	936	284	6	0	0	0.00	2.87	0
CO2892+	CO2871	8.42	1 1-	4ACSR	0	0	936	284	3	0	0	0.00	2.87	0
CO2901+	CO2871	8.37	1 1-	4ACSR	0	0	944	284	9	0	0	0.00	2.87	0
CO2961+	CO2960	8.37	2 1-	4ACSR	0	0	944	284	28	1	1	0.00	2.87	0
CO2962+	CO2961	8.42	2 1-	4ACSR	0	0	936	284	28	1	1	0.00	2.87	0
CO2963+	CO2962	8.51	1 1-	4ACSR	0	0	921	282	14	0	1	0.00	2.88	0
CO2869+	CO2868	7.97	5 1-	4ACSR	0	0	1004	289	16	1	1	0.00	2.81	0
OC699269408+	CO2869	7.97	4 1-	20 N FUSE	0	0	1004	289	13	0	4	0.00	2.81	0
CO2890+	OC699269408	8.04	0 1-	4ACSR	0	0	991	288	0	0	0	0.00	2.81	0
CO2870+	OC699269408	8.09	2 1-	4ACSR	0	0	983	288	11	0	1	0.00	2.82	0
CO2957+	CO2870	8.17	0 1-	4ACSR	0	0	969	286	0	0	0	0.00	2.82	0
CO2958+	CO2957	8.26	0 1-	4ACSR	0	0	954	285	0	0	0	0.00	2.82	0
CO2955+	CO2870	8.19	2 1-	4ACSR	0	0	966	286	11	0	1	0.00	2.82	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2956+	CO2955	8.22	2 1-	4ACSR	0	0	960	285	11	0	1	0.00	2.82	0
CO2953+	OC699269408	8.07	2 1-	4ACSR	0	0	987	288	2	0	0	0.00	2.81	0
CO2954+	CO2953	8.11	1 1-	4ACSR	0	0	979	287	0	0	0	0.00	2.81	0
CO2888+	CO2952	7.77	0 1-	4ACSR	0	0	1032	291	0	0	0	0.00	2.79	0
OC-1669066469+	CO2888	7.77	0 1-	20 N FUSE	0	0	1032	291	0	0	0	0.00	2.79	0
CO2887+	CO2952	7.77	1 1-	4ACSR	0	0	1031	291	0	0	0	0.00	2.79	0
OC-78338528+	CO2887	7.77	0 1-	20 N FUSE	0	0	1031	291	0	0	0	0.00	2.79	0
CO2949+	CO2859	7.29	0 1-	4ACSR	0	0	1100	296	0	0	0	0.00	2.69	0
OC-2092265410+	CO2949	7.29	0 1-	20 N FUSE	0	0	1100	296	0	0	0	0.00	2.69	0
CO2950+	OC-2092265410	7.33	0 1-	4ACSR	0	0	1093	295	0	0	0	0.00	2.69	0
CO2899+	CO2950	7.37	0 1-	1/0ACSR	0	0	1086	295	0	0	0	0.00	2.69	0
CO2993+	CO2950	7.33	0 1-	4ACSR	0	0	1091	295	0	0	0	0.00	2.69	0
SW88-B+	CO2993	7.33	0 1-	Closed	0	0	1091	295	0	0	0	0.00	2.69	0
SW88-A+	SW88-B	7.33	0 1-	Closed	0	0	1091	295	0	0	0	0.00	2.69	0
CO2994+	SW88-A	7.71	0 1-	4ACSR	0	0	1016	289	0	0	0	0.00	2.69	0
CO2971+	CO2974	7.18	2 1-	4ACSR	0	0	1117	297	14	0	1	0.00	2.68	0
OC-74224108+	CO2971	7.18	1 1-	20 N FUSE	0	0	1117	297	9	0	3	0.00	2.68	0
CO2972+	OC-74224108	7.24	1 1-	4ACSR	0	0	1105	296	9	0	0	0.00	2.68	0
CO2970+	CO2972	7.33	1 1-	4ACSR	0	0	1086	294	9	0	0	0.00	2.68	0
CO2969+	CO2970	7.42	0 1-	4ACSR	0	0	1066	293	0	0	0	0.00	2.68	0
CO2987+	CO8274	6.64	0 1-	4ACSR	0	0	1208	302	0	0	0	0.00	2.59	0
OC85+	CO2987	6.64	0 1-	10 N FUSE	0	0	1208	302	0	0	0	0.00	2.59	0
CO2988+	OC85	6.75	0 1-	4ACSR	0	0	1179	300	0	0	0	0.00	2.59	0
CO2984+	CO2988	7.01	0 1-	4ACSR	0	0	1117	295	0	0	0	0.00	2.59	0
CO2983+	CO2984	7.34	0 1-	4ACSR	0	0	1045	290	0	0	0	0.00	2.59	0
CO4033+	CO3850	5.96	3 1-	4ACSR	0	0	1322	306	16	1	1	0.00	2.44	0
OC-652764596+	CO4033	5.96	2 1-	20 N FUSE	0	0	1322	306	9	0	3	0.00	2.44	0
CO4034+	OC-652764596	6.03	2 1-	4ACSR	0	0	1299	305	9	0	0	0.00	2.44	0
CO4032+	CO4034	6.10	1 1-	4ACSR	0	0	1278	304	7	0	0	0.00	2.44	0
CO10351+	CO10324	5.21	2 1-	4ACSR	0	0	1506	313	6	0	0	0.00	2.29	0
OC-40219635+	CO10351	5.21	0 1-	20 N FUSE	0	0	1506	313	0	0	0	0.00	2.29	0
CO10423+	CO10323	5.16	0 1-	4ACSR	0	0	1515	314	0	0	0	0.00	2.28	0
OC-1783249351+	CO10423	5.16	0 1-	20 N FUSE	0	0	1515	314	0	0	0	0.00	2.28	0
CO10424+	OC-1783249351	5.19	0 1-	4ACSR	0	0	1506	313	0	0	0	0.00	2.28	0
CO10321+	CO10529	5.05	3 1-	4ACSR	0	0	1523	313	9	0	0	0.00	2.21	0
OC1384260034+	CO10321	5.05	3 1-	20 N FUSE	0	0	1523	313	9	0	3	0.00	2.21	0
CO3871+	OC1384260034	5.21	1 1-	4ACSR	0	0	1456	310	0	0	0	0.00	2.21	0
CO10348+	OC1384260034	5.10	2 1-	4ACSR	0	0	1503	312	9	0	0	0.00	2.21	0
CO10494+	CO10509	4.42	4 1-	2ACSR	0	0	1763	321	15	1	1	0.00	2.10	0
OC283+	CO10494	4.42	4 1-	25 E OCR	0	0	1763	321	15	1	4	0.00	2.10	0
CO10516+	OC283	4.46	4 1-	2ACSR	0	0	1745	321	15	1	1	0.00	2.11	0
CO10361+	CO10516	4.52	1 1-	2ACSR	0	0	1717	320	10	0	0	0.00	2.11	0
CO10440+	CO10361	4.55	1 1-	1/0PRIURD	0	0	1707	693	10	0	0	0.00	2.11	0
CO10517+	CO10516	4.50	3 1-	2ACSR	0	0	1729	320	5	0	0	0.00	2.11	0
CO10418+	CO10316	4.19	4 1-	1/0ACSR	0	0	1873	324	11	0	0	0.00	1.99	0
CO10419+	CO10418	4.21	1 1-	1/0ACSR	0	0	1866	324	2	0	0	0.00	1.99	0
CO3847+	CO3846	3.13	1 1-	4ACSR	0	0	2282	329	0	0	0	0.00	1.38	0
OC-717008194+	CO3847	3.13	1 1-	20 N FUSE	0	0	2282	329	0	0	0	0.00	1.38	0
CO3917+	OC-717008194	3.27	0 1-	4ACSR	0	0	2157	326	0	0	0	0.00	1.38	0
CO3916+	CO3917	3.40	0 1-	4ACSR	0	0	2057	324	0	0	0	0.00	1.38	0
CO3868+	OC-717008194	3.17	1 1-	4ACSR	0	0	2245	328	0	0	0	0.00	1.38	0
CO5062+	CO5041	1.80	1 1-	2ACSR	0	0	3640	344	2	0	0	0.00	0.89	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX L LG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5115+	CO5117	1.10	1 1-	4ACSR	0	0	5056	350	0	0	0	0.00	0.52	0
OC-2030868963+	CO5115	1.10	1 1-	20 N FUSE	0	0	5056	350	0	0	0	0.00	0.52	0
CO5116+	OC-2030868963	1.14	1 1-	4ACSR	0	0	4878	349	0	0	0	0.00	0.52	0
CO17279+	CO5125	0.89	2 1-	2ACSR	0	0	5721	352	19	1	1	0.00	0.42	0
OC-1869266894+	CO17279	0.89	1 1-	20 N FUSE	0	0	5721	352	8	0	3	0.00	0.42	0
CO11855+	OC-1869266894	0.94	1 1-	2ACSR	0	0	5491	351	8	0	0	0.00	0.42	0
SUB 0 total losses:		\$68,823												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0	MAYSVILLE		739		2968	2986	2996	357	12888					
CO24828+	MAYSVILLE	0.00	739 3-	750 MCM - 42 Wi	2967	2984	2994	357	12888	293	25	0.00	0.00	17
CO24829+	CO24828	0.01	739 3-	750 MCM - 42 Wi	2966	2982	2992	357	12888	293	25	0.00	0.00	17
CO1140063019+	CO24829	0.02	674 3-	336ACSR	2962	2977	2987	357	4657	102	20	0.00	0.01	15
Moransburg+	CO1140063019	0.02	674 3-	560 200WVE	2962	2977	2987	357	4657	102	18	0.00	0.01	0
CO30582+	Moransburg	0.04	674 3-	336ACSR	2952	2960	2970	357	4657	102	20	0.01	0.01	50
CO24969+	CO30582	0.06	0 3-	4ACSR	2942	2948	2953	357	0	0	0	0.00	0.01	0
CO24371+	CO30582	0.08	674 3-	336ACSR	2935	2940	2944	357	4657	102	20	0.01	0.02	80
CO24369+	CO24371	0.13	674 3-	336ACSR	2919	2921	2918	357	4657	102	20	0.01	0.03	79
CO24370+	CO24369	0.23	674 3-	336ACSR	2878	2874	2855	356	4656	102	20	0.03	0.06	200
CO24372+	CO24370	0.31	674 3-	336ACSR	2848	2840	2811	356	4655	102	20	0.02	0.08	147
CO24854+	CO24372	1.23	662 3-	336ACSR	2542	2493	2372	352	4559	100	19	0.21	0.29	1649
CO1466904252+	CO24854	1.60	660 3-	336ACSR	2433	2373	2222	350	4548	100	19	0.09	0.37	678
SW13-A1+	CO1466904252	1.60	660 3-	Closed	2433	2373	2222	350	4545	100	0	0.00	0.37	0
SW13-B1+	SW13-A1	1.60	660 3-	Closed	2433	2373	2222	350	4545	100	0	0.00	0.37	0
CO1875554019+	SW13-B1	1.60	0 1-	2ACSR	0	0	2222	350	0	0	0	0.00	0.37	0
CO966936428+	CO1875554019	1.64	0 1-	2ACSR	0	0	2202	349	0	0	0	0.00	0.37	0
CO-1589968403+	SW13-B1	1.80	660 3-	336ACSR	2380	2315	2152	349	4545	100	19	0.04	0.42	349
CO24533+	CO-1589968403	1.97	660 3-	336ACSR	2335	2266	2095	348	4543	100	19	0.04	0.46	312
CA307555243+	CO24533	1.97	0 3-	Capacitor	2335	2266	2095	348	0	-7	0	0.00	0.46	0
CO24111+	CO24533	2.17	2 1-	2ACSR	0	0	2001	345	18	1	1	0.00	0.46	0
CO24353+	CO24533	2.23	658 3-	336ACSR	2271	2196	2015	347	4524	100	19	0.07	0.53	460
CO24347+	CO24353	2.29	658 3-	336ACSR	2255	2179	1996	347	4522	100	19	0.02	0.54	115
CO24352+	CO24347	2.34	658 3-	336ACSR	2245	2168	1984	347	4522	100	19	0.01	0.56	80
SW7-A+	CO24352	2.34	658 3-	Closed	2245	2168	1984	347	4521	100	0	0.00	0.56	0
SW7-B+	SW7-A	2.34	658 3-	Closed	2245	2168	1984	347	4521	100	0	0.00	0.56	0
CO24348+	SW7-B	2.55	658 3-	336ACSR	2195	2115	1924	346	4521	100	19	0.06	0.61	379
SW9-A+	CO24348	2.55	658 3-	Closed	2195	2115	1924	346	4519	100	0	0.00	0.61	0
SW9-B+	SW9-A	2.55	658 3-	Closed	2195	2115	1924	346	4519	100	0	0.00	0.61	0
CO412913533+	SW9-B	2.61	0 1-	2ACSR	0	0	1899	345	0	0	0	0.00	0.61	0
CO24351+	SW9-B	2.60	658 3-	336ACSR	2184	2102	1910	346	4519	100	19	0.01	0.63	93
CO24349+	CO24351	2.65	658 3-	336ACSR	2173	2091	1898	345	4519	100	19	0.01	0.64	82
CO24350+	CO24349	2.68	658 3-	336ACSR	2166	2084	1890	345	4519	100	19	0.01	0.65	57
CO24354+	CO24350	2.77	78 3-	1/0ACSR	2137	2052	1856	344	692	15	7	0.01	0.66	14
CO24355+	CO24354	2.88	78 3-	1/0ACSR	2104	2017	1818	343	692	15	7	0.02	0.67	16
CO24799+	CO24355	2.89	28 1-	4ACSR	0	0	1815	343	254	17	12	0.00	0.68	0
OC743+	CO24799	2.89	28 1-	50 E OCR	0	0	1815	343	254	17	34	0.00	0.68	0
CO24800+	OC743	2.98	28 1-	4ACSR	0	0	1780	341	254	17	12	0.03	0.71	13
CO24099+	CO24800	3.02	1 1-	4ACSR	0	0	1763	340	8	0	0	0.00	0.71	0
CO24336+	CO24800	3.10	26 1-	4ACSR	0	0	1727	338	236	15	11	0.05	0.75	17
CO24335+	CO24336	3.18	26 1-	4ACSR	0	0	1696	336	236	15	11	0.03	0.78	11
CO24613+	CO24335	3.24	26 1-	4ACSR	0	0	1675	335	236	15	11	0.02	0.80	7
CO24100+	CO24613	3.29	1 1-	4ACSR	0	0	1653	334	0	0	0	0.00	0.80	0
CO24614+	CO24613	3.30	25 1-	4ACSR	0	0	1649	334	236	15	11	0.02	0.82	9
CO-1190264589+	CO24614	3.42	2 1-	2ACSR	0	0	1610	332	23	1	1	0.00	0.83	0
CO-2044225376+	CO24614	3.32	22 1-	2ACSR	0	0	1644	334	213	14	8	0.00	0.83	0
CO409744936+	CO-2044225376	3.38	1 1-	2ACSR	0	0	1624	333	24	1	1	0.00	0.83	0
CO-2846681+	CO-2044225376	3.38	21 1-	1/0PRIURD	0	0	1628	744	189	12	8	0.01	0.84	2
CO1953311677+	CO-2846681	3.45	1 1-	1/0PRIURD	0	0	1609	740	14	0	1	0.00	0.84	0
CO1919252633+	CO-2846681	3.49	19 1-	1/0PRIURD	0	0	1600	738	174	11	8	0.01	0.85	4
CO-1271417986+	CO1919252633	3.56	19 1-	1/0PRIURD	0	0	1581	733	174	11	8	0.01	0.86	0

Substation Power Factor: 0.97
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1701690575+	CO-1271417986	3.73	2 1-	1/0PRIURD	0	0	1541	724	30	2	1	0.00	0.86	0
CO-1304916138+	CO-1271417986	3.72	5 1-	1/0PRIURD	0	0	1542	725	50	3	2	0.00	0.86	0
CO754933898+	CO-1304916138	3.78	3 1-	1/0PRIURD	0	0	1528	721	19	1	1	0.00	0.86	0
CO-1610551382+	CO-1271417986	3.62	10 1-	1/0PRIURD	0	0	1566	730	69	4	3	0.00	0.86	0
CO-1295843269+	CO-1610551382	3.70	9 1-	1/0PRIURD	0	0	1546	726	58	3	3	0.00	0.86	0
CO423793199+	CO-1295843269	3.79	9 1-	1/0PRIURD	0	0	1525	720	58	3	3	0.00	0.87	0
CO-1694195908+	CO423793199	3.88	7 1-	1/0PRIURD	0	0	1505	716	39	2	2	0.00	0.87	0
CO-1064174532+	CO-1694195908	3.89	3 1-	1/0PRIURD	0	0	1502	715	21	1	1	0.00	0.87	0
CO-150473200+	CO-1064174532	4.01	3 1-	2/0ACSR	0	0	1476	327	21	1	1	0.00	0.87	0
CO-1374902857+	CO-1694195908	3.99	3 1-	1/0PRIURD	0	0	1479	710	13	0	1	0.00	0.87	0
CO-6178535+	CO-1374902857	4.07	2 1-	1/0PRIURD	0	0	1463	706	9	0	0	0.00	0.87	0
CO-288554623+	CO-6178535	4.11	1 1-	1/0PRIURD	0	0	1453	703	8	0	0	0.00	0.87	0
CO-111161149+	CO-288554623	4.17	1 1-	1/0PRIURD	0	0	1442	701	8	0	0	0.00	0.87	0
CO-1605796178+	CO-1610551382	3.63	1 1-	1/0PRIURD	0	0	1563	729	11	0	0	0.00	0.86	0
CO24334+	CO24336	3.15	0 1-	4ACSR	0	0	1707	337	0	0	0	0.00	0.75	0
CO24797+	CO24355	2.92	50 3-	1/0ACSR	2094	2006	1806	343	437	10	4	0.00	0.68	0
OC742+	CO24797	2.92	50 3-	70 L OCR	2094	2006	1806	343	437	10	14	0.00	0.68	0
CO24798+	OC742	2.93	50 3-	1/0ACSR	2090	2002	1802	342	437	10	4	0.00	0.68	0
CO24318+	CO24798	3.11	50 3-	1/0ACSR	2040	1949	1746	341	437	10	4	0.02	0.69	10
CO24322+	CO24318	3.20	40 1-	4ACSR	0	0	1708	339	224	15	11	0.03	0.73	12
CO24323+	CO24322	3.28	40 1-	4ACSR	0	0	1679	337	224	15	11	0.03	0.76	10
CO23943+	CO24323	3.35	39 1-	4ACSR	0	0	1649	335	221	15	11	0.03	0.78	10
CO24097+	CO23943	3.41	1 1-	4ACSR	0	0	1628	334	12	0	1	0.00	0.78	0
CO23944+	CO23943	3.39	38 1-	4ACSR	0	0	1637	335	209	14	10	0.01	0.79	4
XFMR65	CO23944	3.39	38 1-	333 KVA 1PH AUT	0	0	988	175	209	14	62	0.62	1.41	0
CO24631	XFMR65	3.41	38 1-	4ACSR	0	0	983	175	209	28	21	0.03	1.44	10
CO24632	CO24631	3.43	38 1-	4ACSR	0	0	980	174	209	28	21	0.02	1.46	6
CO24324	CO24632	3.48	38 1-	4ACSR	0	0	968	174	209	28	21	0.07	1.53	23
CO24098	CO24324	3.53	0 1-	4ACSR	0	0	956	173	0	0	0	0.00	1.53	0
CO23945	CO24324	3.51	32 1-	4ACSR	0	0	960	173	183	25	18	0.04	1.57	13
CO23946	CO23945	3.54	15 1-	4ACSR	0	0	955	173	99	13	10	0.01	1.59	2
CO24492	CO23946	3.55	2 1-	4ACSR	0	0	952	173	13	1	1	0.00	1.59	0
CO24495	CO24492	3.73	1 1-	4ACSR	0	0	913	171	10	1	1	0.01	1.60	0
CO24493	CO24495	3.83	1 1-	4ACSR	0	0	890	170	10	1	1	0.01	1.61	0
CO24494	CO24493	3.84	1 1-	4ACSR	0	0	889	170	10	1	1	0.00	1.61	0
CO24325	CO23946	3.58	13 1-	4ACSR	0	0	945	173	86	11	8	0.02	1.61	3
CO24327	CO24325	3.63	12 1-	4ACSR	0	0	934	172	86	11	8	0.03	1.64	4
CO24326	CO24327	3.70	11 1-	4ACSR	0	0	919	171	80	11	8	0.03	1.67	4
CO24959	CO24326	3.70	4 1-	1/0PRIURD	0	0	919	399	16	2	1	0.00	1.67	0
CO24960	CO24959	3.77	4 1-	1/0PRIURD	0	0	908	396	16	2	1	0.00	1.68	0
CO24788	CO24960	3.82	2 1-	1/0PRIURD	0	0	900	395	8	1	1	0.00	1.68	0
CO24950	CO24326	3.78	3 1-	1/0PRIURD	0	0	907	396	19	2	2	0.00	1.68	0
CO24787	CO24950	3.82	3 1-	1/0PRIURD	0	0	900	395	19	2	2	0.00	1.68	0
CO24786	CO24787	3.86	2 1-	1/0PRIURD	0	0	895	394	10	1	1	0.00	1.68	0
CO24785	CO24326	3.73	4 1-	1/0PRIURD	0	0	914	398	45	6	4	0.00	1.68	0
CO24782	CO23945	3.56	17 1-	1/0PRIURD	0	0	952	409	84	11	8	0.01	1.59	0
CO24784	CO24782	3.62	17 1-	1/0PRIURD	0	0	943	407	84	11	8	0.01	1.60	0
CO24783	CO24784	3.71	14 1-	1/0PRIURD	0	0	929	404	66	9	6	0.02	1.62	0
CO24878	CO24783	3.71	0 1-	1/0PRIURD	0	0	928	404	0	0	0	0.00	1.62	0
CO24877	CO24878	3.72	0 1-	1/0PRIURD	0	0	927	404	0	0	0	0.00	1.62	0
CO24496	CO24783	3.74	8 1-	1/0PRIURD	0	0	923	403	47	6	4	0.00	1.62	0
CO24633	CO24496	3.79	6 1-	1/0PRIURD	0	0	915	401	36	4	3	0.00	1.62	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24333	CO24324	3.55	6 1-	4ACSR	0	0	952	173	26	3	3	0.01	1.54	0
CO24328	CO24333	3.61	6 1-	4ACSR	0	0	940	172	26	3	3	0.01	1.55	0
CO24332	CO24328	3.64	6 1-	4ACSR	0	0	933	172	26	3	3	0.00	1.56	0
CO24329	CO24332	3.71	6 1-	4ACSR	0	0	918	171	26	3	3	0.01	1.57	0
CO24331	CO24329	3.75	6 1-	4ACSR	0	0	908	171	26	3	3	0.01	1.58	0
CO24330	CO24331	3.78	6 1-	4ACSR	0	0	903	170	26	3	3	0.00	1.58	0
CO24955	CO24330	3.82	5 1-	1/0PRIURD	0	0	896	392	26	3	2	0.00	1.58	0
CO24789	CO24955	3.96	4 1-	1/0PRIURD	0	0	875	388	12	1	1	0.00	1.59	0
CO24790	CO24789	4.00	1 1-	1/0PRIURD	0	0	870	387	4	0	0	0.00	1.59	0
CO24951	CO24790	4.06	0 1-	1/0PRIURD	0	0	860	385	0	0	0	0.00	1.59	0
CO24498	CO24330	3.91	1 1-	2ACSR	0	0	878	169	1	0	0	0.00	1.58	0
CO24497	CO24498	3.95	1 1-	2ACSR	0	0	870	169	1	0	0	0.00	1.58	0
CO24629+	CO24323	3.31	1 1-	4ACSR	0	0	1667	336	3	0	0	0.00	0.76	0
CO24630+	CO24629	3.32	0 1-	4ACSR	0	0	1660	336	0	0	0	0.00	0.76	0
CO24320+	CO24318	3.16	10 3-	1/0ACSR	2024	1932	1728	340	213	4	2	0.00	0.70	0
CO24319+	CO24320	3.22	10 3-	1/0ACSR	2008	1915	1711	339	213	4	2	0.00	0.70	0
CO24763+	CO24319	3.35	7 3-	1/0ACSR	1972	1877	1672	338	165	3	2	0.00	0.70	0
CO24764+	CO24763	3.47	7 3-	1/0ACSR	1939	1843	1636	337	165	3	2	0.00	0.71	0
CO24503+	CO24764	3.68	2 1-	2ACSR	0	0	1572	334	83	5	3	0.01	0.72	0
CO24504+	CO24503	3.80	1 1-	2ACSR	0	0	1536	332	29	1	1	0.00	0.72	0
CO24321+	CO24764	3.52	5 3-	1/0ACSR	1927	1829	1623	336	82	1	1	0.00	0.71	0
CO23942+	CO24321	3.73	5 1-	4ACSR	0	0	1550	332	82	5	4	0.03	0.74	4
CO24963+	CO23942	3.89	5 1-	4ACSR	0	0	1496	329	82	5	4	0.02	0.75	2
CO24634+	CO24963	3.90	3 1-	4ACSR	0	0	1491	328	35	2	2	0.00	0.76	0
CO24961+	CO24634	3.93	2 1-	4ACSR	0	0	1483	328	35	2	2	0.00	0.76	0
CO24962+	CO24961	3.95	1 1-	4ACSR	0	0	1477	327	19	1	1	0.00	0.76	0
CO24491+	CO24963	3.97	1 1-	4ACSR	0	0	1468	327	31	2	2	0.00	0.76	0
CO24342+	CO23942	3.81	0 1-	4ACSR	0	0	1521	330	0	0	0	0.00	0.74	0
CO24340+	CO24342	4.00	0 1-	4ACSR	0	0	1459	326	0	0	0	0.00	0.74	0
CO24637+	CO24340	4.05	0 1-	4ACSR	0	0	1443	325	0	0	0	0.00	0.74	0
CO24638+	CO24637	4.10	0 1-	4ACSR	0	0	1429	324	0	0	0	0.00	0.74	0
CO24341+	CO24638	4.19	0 1-	4ACSR	0	0	1400	322	0	0	0	0.00	0.74	0
CO24616+	CO24319	3.25	3 1-	4ACSR	0	0	1700	339	48	3	2	0.00	0.70	0
CO24617+	CO24616	3.28	2 1-	4ACSR	0	0	1687	338	32	2	2	0.00	0.70	0
CO-686199376+	CO24617	3.32	1 1-	2ACSR	0	0	1674	338	12	0	0	0.00	0.70	0
CO24317+	CO24350	2.72	580 3-	1/0ACSR	2152	2069	1874	345	3827	84	37	0.03	0.67	187
CO24096+	CO24317	2.77	0 1-	4ACSR	0	0	1853	344	0	0	0	0.00	0.67	0
CO24535+	CO24317	2.81	580 3-	1/0ACSR	2126	2040	1843	344	3826	84	37	0.06	0.73	365
CO24534+	CO24535	2.89	580 3-	1/0ACSR	2101	2014	1815	343	3824	84	37	0.05	0.79	339
CO24095+	CO24534	3.01	2 1-	4ACSR	0	0	1768	340	5	0	0	0.00	0.79	0
CO24107+	CO24095	3.04	2 1-	4ACSR	0	0	1753	340	5	0	0	0.00	0.79	0
CO23941+	CO24534	2.97	578 3-	1/0ACSR	2079	1990	1790	342	3817	84	37	0.05	0.83	311
CO24094+	CO23941	3.12	1 1-	4ACSR	0	0	1728	339	0	0	0	0.00	0.83	0
CO24537+	CO23941	3.16	576 3-	1/0ACSR	2025	1933	1729	340	3808	84	37	0.12	0.96	774
CO24536+	CO24537	3.18	576 3-	1/0ACSR	2019	1927	1723	340	3805	84	37	0.01	0.97	81
CO24093+	CO24536	3.25	1 1-	4ACSR	0	0	1694	338	0	0	0	0.00	0.97	0
CO24315+	CO24536	3.23	574 3-	1/0ACSR	2006	1913	1709	339	3799	84	37	0.03	1.00	198
CO24316+	CO24315	3.25	574 3-	1/0ACSR	1999	1906	1701	339	3798	84	37	0.02	1.02	103
CO24343+	CO24316	3.40	2 1-	4ACSR	0	0	1646	336	1	0	0	0.00	1.02	0
CO24346+	CO24343	3.43	1 1-	4ACSR	0	0	1633	335	1	0	0	0.00	1.02	0
CO24344+	CO24346	3.48	1 1-	4ACSR	0	0	1616	334	1	0	0	0.00	1.02	0
CO24345+	CO24344	3.61	0 1-	4ACSR	0	0	1568	331	0	0	0	0.00	1.02	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24314+	CO24316	3.29	572 3-	1/0ACSR	1989	1895	1690	339	3797	84	37	0.02	1.04	145
CO24766+	CO24314	3.30	572 3-	1/0ACSR	1986	1892	1687	339	3796	84	37	0.01	1.04	43
CO24765+	CO24766	3.38	572 3-	1/0ACSR	1965	1870	1664	338	3796	84	37	0.05	1.09	319
CO24092+	CO24765	3.41	2 1-	4ACSR	0	0	1653	337	21	1	1	0.00	1.10	0
CO2056979915+	CO24092	3.45	0 1-	2ACSR	0	0	1640	337	0	0	0	0.00	1.10	0
CO23940+	CO24765	3.46	568 3-	1/0ACSR	1943	1846	1640	337	3763	83	36	0.05	1.15	343
CO24091+	CO23940	3.49	2 1-	4ACSR	0	0	1629	336	7	0	0	0.00	1.15	0
CO23938+	CO23940	3.52	293 3-	1/0ACSR	1928	1830	1624	336	2151	47	21	0.02	1.17	75
CO23939+	CO23938	3.55	287 3-	1/0ACSR	1919	1821	1614	336	2131	47	21	0.01	1.18	45
CO24803+	CO23939	3.56	285 3-	1/0ACSR	1917	1819	1612	336	2109	46	20	0.00	1.18	8
OC736+	CO24803	3.56	285 3-	50 E OCR	1917	1819	1612	336	2109	46	94	0.00	1.18	0
CO24804+	OC736	3.67	285 3-	1/0ACSR	1889	1789	1583	335	2109	46	20	0.04	1.22	139
CO24313+	CO24804	3.73	285 3-	1/0ACSR	1874	1774	1568	334	2109	46	20	0.02	1.24	72
CO24639+	CO24313	3.78	285 3-	1/0ACSR	1861	1760	1553	334	2108	46	20	0.02	1.26	69
CO24640+	CO24639	3.83	285 3-	1/0ACSR	1849	1748	1541	333	2108	46	20	0.02	1.28	63
CO24641+	CO24640	3.91	285 3-	1/0ACSR	1828	1727	1520	332	2108	46	20	0.03	1.30	106
CO24642+	CO24641	3.96	284 3-	1/0ACSR	1817	1714	1508	332	2105	46	20	0.02	1.32	62
CO24103+	CO24642	4.02	1 1-	4ACSR	0	0	1490	331	0	0	0	0.00	1.32	0
CO24643+	CO24642	4.08	283 3-	1/0ACSR	1790	1687	1481	331	2104	46	20	0.04	1.36	142
CO24644+	CO24643	4.11	283 3-	1/0ACSR	1781	1678	1472	330	2104	46	20	0.01	1.37	48
CO24309+	CO24644	4.16	282 3-	1/0ACSR	1771	1666	1461	330	2090	46	20	0.02	1.39	59
CO24105+	CO24309	4.18	1 1-	4ACSR	0	0	1455	329	4	0	0	0.00	1.39	0
CO24104+	CO24309	4.19	0 1-	4ACSR	0	0	1452	329	0	0	0	0.00	1.39	0
CO24312+	CO24309	4.24	281 3-	1/0ACSR	1753	1649	1444	329	2085	46	20	0.03	1.41	94
CO24310+	CO24312	4.37	281 3-	1/0ACSR	1724	1619	1414	328	2085	46	20	0.04	1.46	163
CO24311+	CO24310	4.45	280 3-	1/0ACSR	1708	1602	1398	327	2057	45	20	0.03	1.48	92
CO24106+	CO24311	4.48	1 1-	4ACSR	0	0	1387	326	16	1	1	0.00	1.48	0
CO24956+	CO24311	4.72	279 3-	1/0ACSR	1650	1543	1342	324	2040	45	20	0.09	1.57	326
CO24957+	CO24956	4.80	279 3-	1/0ACSR	1635	1527	1327	323	2039	45	20	0.03	1.60	92
CO24304+	CO24957	4.98	279 3-	1/0ACSR	1599	1491	1292	322	2039	45	20	0.06	1.66	217
CO24308+	CO24304	5.04	279 3-	1/0ACSR	1588	1480	1282	321	2038	45	20	0.02	1.68	68
CO24305+	CO24308	5.08	279 3-	1/0ACSR	1579	1471	1273	321	2037	45	20	0.02	1.69	58
CO24307+	CO24305	5.18	279 3-	1/0ACSR	1561	1453	1256	320	2037	45	20	0.03	1.72	112
CO24306+	CO24307	5.22	279 3-	1/0ACSR	1553	1445	1249	319	2036	45	20	0.01	1.74	52
CO24286+	CO24306	5.27	237 3-	1/0ACSR	1544	1436	1240	319	1290	28	13	0.01	1.75	24
CO24074+	CO24286	5.32	1 1-	4ACSR	0	0	1230	318	0	0	0	0.00	1.75	0
CO24073+	CO24286	5.31	0 1-	4ACSR	0	0	1231	318	0	0	0	0.00	1.75	0
CO23929+	CO24286	5.31	235 3-	1/0ACSR	1537	1428	1233	318	1290	28	13	0.01	1.76	20
CO24881+	CO23929	5.36	235 3-	1/0ACSR	1529	1420	1226	318	1290	28	13	0.01	1.77	20
CO24879+	CO24881	5.36	235 3-	1/0ACSR	1528	1419	1225	318	1290	28	13	0.00	1.77	3
OC723+	CO24879	5.36	235 3-	25 E OCR	1528	1419	1225	318	1290	28	116	0.00	1.77	0
CO24880+	OC723	5.42	235 3-	1/0ACSR	1519	1410	1216	317	1290	28	13	0.01	1.78	26
CO24287+	CO24880	5.53	235 3-	1/0ACSR	1499	1391	1197	316	1290	28	13	0.03	1.81	55
CO24289+	CO24287	5.66	232 3-	1/0ACSR	1476	1371	1177	315	1272	28	12	0.03	1.84	61
CO24288+	CO24289	5.71	232 3-	1/0ACSR	1469	1364	1170	315	1272	28	12	0.01	1.85	20
CO24475+	CO24288	5.76	4 1-	4ACSR	0	0	1158	314	23	1	1	0.00	1.85	0
CO24474+	CO24475	5.82	3 1-	4ACSR	0	0	1146	312	10	0	1	0.00	1.85	0
CO24075+	CO24475	5.78	0 1-	4ACSR	0	0	1155	313	0	0	0	0.00	1.85	0
CO24645+	CO24288	5.75	227 3-	1/0ACSR	1462	1358	1164	314	1249	27	12	0.01	1.86	19
CO24646+	CO24645	5.77	225 3-	1/0ACSR	1458	1354	1160	314	1237	27	12	0.00	1.86	10
CO24647+	CO24646	5.82	224 3-	1/0ACSR	1450	1347	1153	314	1232	27	12	0.01	1.87	22
CO24970+	CO24647	5.94	223 3-	1/0ACSR	1432	1330	1136	312	1231	27	12	0.02	1.90	50

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24220+	CO24970	6.18	223 3-	1/0ACSR	1395	1296	1102	310	1231	27	12	0.05	1.95	103
CO24222+	CO24220	6.28	222 3-	1/0ACSR	1379	1282	1088	309	1231	27	12	0.02	1.97	45
CO24221+	CO24222	6.40	222 3-	1/0ACSR	1361	1265	1072	308	1231	27	12	0.03	1.99	54
CO24453+	CO24221	6.49	3 1-	4ACSR	0	0	1056	307	12	0	1	0.00	2.00	0
CO24454+	CO24453	6.57	1 1-	4ACSR	0	0	1043	305	6	0	0	0.00	2.00	0
CO23882+	CO24221	6.49	219 3-	1/0ACSR	1349	1254	1061	307	1219	27	12	0.02	2.01	37
CO24760+	CO23882	6.50	218 3-	1/0ACSR	1347	1252	1059	307	1209	27	12	0.00	2.01	7
CO24761+	CO24760	6.56	217 3-	1/0ACSR	1338	1244	1052	307	1207	27	12	0.01	2.03	25
CO24456+	CO24761	6.62	217 3-	1/0ACSR	1330	1237	1045	306	1207	27	12	0.01	2.04	24
OH356+	CO24456	6.80	215 3-	1/0ACSR	1306	1215	1023	305	1203	26	12	0.04	2.08	76
CO24231+	OH356	6.90	215 3-	1/0ACSR	1293	1203	1012	304	1203	26	12	0.02	2.10	40
CO24230+	CO24231	7.04	215 3-	1/0ACSR	1275	1186	995	302	1203	26	12	0.03	2.12	59
CO-950287320+	CO24230	7.14	212 3-	1/0ACSR	1262	1175	984	302	1172	26	11	0.02	2.14	39
CO-1104928244+	CO-950287320	7.21	210 3-	1/0ACSR	1253	1166	977	301	1169	26	11	0.01	2.16	28
CO24219+	CO-1104928244	7.33	205 3-	1/0ACSR	1238	1153	963	300	1140	25	11	0.02	2.18	46
CO24217+	CO24219	7.54	205 3-	1/0ACSR	1213	1130	942	298	1139	25	11	0.04	2.22	78
CO24551+	CO24217	7.81	205 3-	1/0ACSR	1182	1101	915	296	1139	25	11	0.05	2.27	102
CO24552+	CO24551	7.92	205 3-	1/0ACSR	1170	1091	905	295	1138	25	11	0.02	2.30	39
CO24218+	CO24552	8.24	204 3-	1/0ACSR	1136	1059	876	292	1119	25	11	0.06	2.36	117
CO24971+	CO24218	8.53	3 1-	4ACSR	0	0	841	287	15	1	1	0.01	2.36	0
CO24870+	CO24971	8.58	1 1-	2ACSR	0	0	836	287	0	0	0	0.00	2.36	0
CO23996+	CO24971	8.67	1 1-	4ACSR	0	0	824	285	9	0	0	0.00	2.36	0
CO23995+	CO24971	8.64	1 1-	4ACSR	0	0	828	286	5	0	0	0.00	2.36	0
CO24871+	CO24218	8.36	201 3-	1/0ACSR	1123	1048	865	291	1104	24	11	0.02	2.38	43
CO24553+	CO24871	8.51	201 3-	1/0ACSR	1108	1034	853	290	1104	24	11	0.03	2.41	52
CO24554+	CO24553	8.54	200 3-	1/0ACSR	1105	1031	850	289	1090	24	11	0.01	2.41	11
CO24181+	CO24554	8.68	200 3-	1/0ACSR	1092	1019	839	288	1090	24	11	0.02	2.44	46
CO24182+	CO24181	8.73	200 3-	1/0ACSR	1087	1015	835	288	1090	24	11	0.01	2.45	20
CO24178+	CO24182	8.79	1 1-	4ACSR	0	0	827	287	1	0	0	0.00	2.45	0
CO24180+	CO24178	8.91	1 1-	4ACSR	0	0	815	285	1	0	0	0.00	2.45	0
CO24179+	CO24180	9.02	1 1-	4ACSR	0	0	803	283	1	0	0	0.00	2.45	0
CO24891+	CO24179	9.20	1 1-	4ACSR	0	0	784	281	1	0	0	0.00	2.45	0
CO24173+	CO24182	9.07	199 3-	1/0ACSR	1055	986	808	285	1089	24	11	0.06	2.51	117
CO24555+	CO24173	9.11	199 3-	1/0ACSR	1052	983	806	285	1088	24	11	0.01	2.51	11
CO24556+	CO24555	9.19	199 3-	1/0ACSR	1045	976	800	284	1088	24	11	0.01	2.53	28
CO24174+	CO24556	9.33	199 3-	1/0ACSR	1033	965	790	283	1088	24	11	0.03	2.55	48
CO24177+	CO24174	9.39	199 3-	1/0ACSR	1027	960	785	283	1088	24	11	0.01	2.57	21
CO24557+	CO24177	9.43	199 3-	1/0ACSR	1024	957	782	282	1088	24	11	0.01	2.57	16
CO24558+	CO24557	9.46	198 3-	1/0ACSR	1021	954	780	282	1087	24	11	0.01	2.58	10
CO24559+	CO24558	9.49	197 3-	1/0ACSR	1019	952	778	282	1072	24	10	0.01	2.58	10
CO24176+	CO24559	9.53	194 3-	1/0ACSR	1015	949	775	281	1063	23	10	0.01	2.59	13
CO24175+	CO24176	9.65	194 3-	1/0ACSR	1005	940	767	280	1063	23	10	0.02	2.61	39
CO24560+	CO24175	9.68	194 3-	1/0ACSR	1003	938	765	280	1063	23	10	0.00	2.62	8
CO24561+	CO24560	9.72	192 3-	1/0ACSR	1000	935	762	280	1049	23	10	0.01	2.62	13
CO24443+	CO24561	9.73	2 1-	4ACSR	0	0	761	280	17	1	1	0.00	2.62	0
CO24444+	CO24443	9.77	2 1-	4ACSR	0	0	757	279	17	1	1	0.00	2.62	0
CO24562+	CO24561	9.90	189 3-	1/0ACSR	985	921	750	279	1031	23	10	0.03	2.65	57
CO24563+	CO24562	9.93	188 3-	1/0ACSR	983	920	749	278	1031	23	10	0.00	2.66	7
CO23998+	CO24563	10.00	1 1-	4ACSR	0	0	742	277	6	0	0	0.00	2.66	0
CO23867+	CO24563	9.98	187 3-	1/0ACSR	979	916	745	278	1024	23	10	0.01	2.67	17
CO24565+	CO23867	10.02	186 3-	1/0ACSR	976	913	742	278	1022	23	10	0.01	2.68	12
CO-910681593+	CO24565	10.04	185 3-	1/0ACSR	974	912	742	277	1006	22	10	0.00	2.68	4

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO80649000+	CO-910681593	10.09	3 1-	2ACSR	0	0	737	277	12	0	0	0.00	2.68	0
CO-411679842+	CO-910681593	10.08	182 3-	1/0ACSR	971	909	739	277	993	22	10	0.01	2.68	12
CO268968995+	CO-411679842	10.12	3 1-	4ACSR	0	0	735	276	14	1	1	0.00	2.69	0
CO-377622422+	CO268968995	10.18	2 1-	2ACSR	0	0	731	276	14	1	1	0.00	2.69	0
CO-1435587402+	CO-411679842	10.14	179 3-	1/0ACSR	967	905	735	277	979	22	10	0.01	2.69	17
CO24564+	CO-1435587402	10.22	179 3-	1/0ACSR	961	899	730	276	979	22	10	0.01	2.71	22
CO24183+	CO24564	10.28	179 3-	1/0ACSR	956	895	727	276	979	22	10	0.01	2.72	16
CO24445+	CO24183	10.33	1 1-	4ACSR	0	0	722	275	0	0	0	0.00	2.72	0
CO24446+	CO24445	10.41	1 1-	4ACSR	0	0	715	274	0	0	0	0.00	2.72	0
CO24767+	CO24183	10.34	176 3-	1/0ACSR	951	890	723	275	971	21	10	0.01	2.73	19
CO24807+	CO24767	10.40	176 3-	1/0ACSR	947	887	719	275	971	21	10	0.01	2.73	14
CO24808+	CO24807	10.40	176 3-	1/0ACSR	947	886	719	275	971	21	10	0.00	2.74	0
SW744-B+	CO24808	10.40	0 1-	Open	0	0	719	275	0	0	0	0.00	2.74	0
SW744-A+	CO24808	10.40	0 1-	Open	0	0	719	275	0	0	0	0.00	2.74	0
CO210142144+	CO24808	10.52	28 1-	2ACSR	0	0	711	273	174	12	7	0.02	2.76	6
CO1250636207+	CO210142144	10.61	1 1-	2ACSR	0	0	704	272	0	0	0	0.00	2.76	0
CO503768163+	CO210142144	10.61	27 1-	2ACSR	0	0	704	272	174	12	7	0.02	2.78	5
CO701441172+	CO503768163	10.69	26 1-	2ACSR	0	0	699	272	174	12	7	0.02	2.79	4
CO-1163898699+	CO701441172	10.84	25 1-	2ACSR	0	0	689	270	161	11	6	0.03	2.82	7
CO24170+	CO-1163898699	11.00	25 1-	1/0ACSR	0	0	680	269	161	11	5	0.02	2.84	5
CO23991+	CO24170	11.23	1 1-	4ACSR	0	0	662	266	8	0	0	0.00	2.84	0
CO24187+	CO24170	11.07	24 1-	1/0ACSR	0	0	676	268	153	10	5	0.01	2.85	0
CO24186+	CO24187	11.16	23 1-	1/0ACSR	0	0	670	268	145	10	4	0.01	2.86	2
CO24189+	CO24186	11.23	3 1-	4ACSR	0	0	665	267	9	0	0	0.00	2.86	0
CO24690+	CO24189	11.44	3 1-	4ACSR	0	0	649	264	9	0	0	0.00	2.87	0
CO24691+	CO24690	11.66	2 1-	4ACSR	0	0	634	261	9	0	0	0.00	2.87	0
CO24188+	CO24691	11.68	2 1-	4ACSR	0	0	632	260	9	0	0	0.00	2.87	0
CO24168+	CO24186	11.28	20 1-	1/0ACSR	0	0	663	267	135	9	4	0.01	2.88	2
CO24169+	CO24168	11.43	19 1-	1/0ACSR	0	0	655	265	124	8	4	0.02	2.89	3
CO24689+	CO24169	11.54	18 1-	1/0ACSR	0	0	649	265	122	8	4	0.01	2.90	0
CO24688+	CO24689	11.61	16 1-	1/0ACSR	0	0	646	264	96	6	3	0.01	2.91	0
CO24687+	CO24688	11.66	15 1-	1/0ACSR	0	0	643	264	88	6	3	0.00	2.91	0
CO24683+	CO24687	11.79	4 1-	4ACSR	0	0	634	262	23	1	1	0.00	2.91	0
CO24975+	CO24683	12.13	2 1-	4ACSR	0	0	611	257	13	0	1	0.00	2.92	0
CO24684+	CO24975	12.17	1 1-	4ACSR	0	0	608	257	1	0	0	0.00	2.92	0
CO24432+	CO24684	12.27	0 1-	4ACSR	0	0	602	256	0	0	0	0.00	2.92	0
CO24433+	CO24432	12.31	0 1-	4ACSR	0	0	599	255	0	0	0	0.00	2.92	0
CO24685+	CO24684	12.23	1 1-	4ACSR	0	0	605	256	1	0	0	0.00	2.92	0
CO1238293146+	CO24685	12.34	1 1-	2ACSR	0	0	599	255	1	0	0	0.00	2.92	0
CO626929809+	CO1238293146	12.37	1 1-	2ACSR	0	0	597	255	1	0	0	0.00	2.92	0
CO-478666918+	CO626929809	12.45	1 1-	2ACSR	0	0	593	254	1	0	0	0.00	2.92	0
CO397792474+	CO1238293146	12.36	0 1-	2ACSR	0	0	598	255	0	0	0	0.00	2.92	0
CO23865+	CO24687	11.73	10 1-	1/0ACSR	0	0	639	263	55	3	2	0.00	2.91	0
CO23990+	CO23865	11.83	2 1-	4ACSR	0	0	633	262	8	0	0	0.00	2.91	0
CO24682+	CO23865	11.96	8 1-	1/0ACSR	0	0	628	262	47	3	1	0.01	2.92	0
CO24958+	CO24682	12.21	8 1-	1/0ACSR	0	0	616	260	47	3	1	0.01	2.93	0
CO24680+	CO24958	12.28	2 1-	4ACSR	0	0	611	259	5	0	0	0.00	2.93	0
CO24681+	CO24680	12.41	0 1-	4ACSR	0	0	602	257	0	0	0	0.00	2.93	0
CO24679+	CO24958	12.44	6 1-	1/0ACSR	0	0	605	258	42	2	1	0.01	2.94	0
CO24678+	CO24679	12.52	6 1-	1/0ACSR	0	0	601	257	42	2	1	0.00	2.94	0
CO24677+	CO24678	12.54	6 1-	1/0ACSR	0	0	600	257	42	2	1	0.00	2.95	0
CO24451+	CO24677	12.62	3 1-	4ACSR	0	0	595	256	25	1	1	0.00	2.95	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24452+	CO24451	12.71	3 1-	4ACSR	0	0	590	255	25	1	1	0.00	2.95	0
CO24208+	CO24677	12.64	1 1-	1/0ACSR	0	0	595	256	2	0	0	0.00	2.95	0
CO24837+	CO24208	12.70	1 1-	1/0ACSR	0	0	593	256	2	0	0	0.00	2.95	0
CO24016+	CO24677	12.67	1 1-	4ACSR	0	0	592	255	5	0	0	0.00	2.95	0
CO-2092104003+	CO701441172	10.82	1 1-	2ACSR	0	0	690	270	13	0	1	0.00	2.79	0
CO23992+	CO503768163	10.68	1 1-	4ACSR	0	0	699	271	0	0	0	0.00	2.78	0
CO24440+	CO24808	10.53	3 1-	4ACSR	0	0	708	273	26	1	1	0.00	2.74	0
CO24567+	CO24440	10.57	2 1-	4ACSR	0	0	705	272	16	1	1	0.00	2.74	0
CO24568+	CO24567	10.59	1 1-	4ACSR	0	0	703	272	5	0	0	0.00	2.74	0
CO24569+	CO24568	10.66	1 1-	4ACSR	0	0	697	271	5	0	0	0.00	2.74	0
CO24439+	CO24569	10.71	1 1-	4ACSR	0	0	692	270	5	0	0	0.00	2.74	0
CO24570+	CO24808	10.60	145 3-	1/0ACSR	933	873	708	273	771	17	8	0.02	2.76	34
CO24571+	CO24570	10.72	144 3-	1/0ACSR	924	865	700	272	769	17	8	0.01	2.77	22
CO24172+	CO24571	10.89	143 3-	1/0ACSR	912	854	691	271	757	17	7	0.02	2.79	29
CO24441+	CO24172	10.97	9 1-	4ACSR	0	0	684	270	49	3	2	0.01	2.80	0
CO24447+	CO24441	11.02	2 1-	4ACSR	0	0	681	269	8	0	0	0.00	2.80	0
CO24448+	CO24447	11.05	2 1-	4ACSR	0	0	679	269	8	0	0	0.00	2.80	0
CO24442+	CO24441	10.99	3 1-	4ACSR	0	0	683	270	8	0	0	0.00	2.80	0
CO24572+	CO24441	11.05	3 1-	4ACSR	0	0	679	269	24	1	1	0.00	2.80	0
CO24573+	CO24572	11.12	2 1-	4ACSR	0	0	672	268	15	1	1	0.00	2.80	0
CO24197+	CO24172	11.03	1 1-	4ACSR	0	0	680	269	1	0	0	0.00	2.79	0
CO24194+	CO24197	11.08	1 1-	4ACSR	0	0	676	268	1	0	0	0.00	2.79	0
CO24196+	CO24194	11.14	1 1-	4ACSR	0	0	671	267	1	0	0	0.00	2.79	0
CO24195+	CO24196	11.18	1 1-	4ACSR	0	0	668	267	1	0	0	0.00	2.79	0
CO24574+	CO24172	10.97	132 3-	1/0ACSR	907	850	687	270	698	16	7	0.01	2.80	12
CO24575+	CO24574	11.04	130 3-	1/0ACSR	902	846	683	270	677	15	7	0.01	2.81	10
CO24977+	CO24575	11.13	125 3-	1/0ACSR	896	840	678	269	652	15	7	0.01	2.83	13
CO24576+	CO24977	11.16	124 3-	1/0ACSR	894	838	677	269	642	15	7	0.00	2.83	4
CO23986+	CO24576	11.27	1 1-	4ACSR	0	0	668	267	4	0	0	0.00	2.83	0
CO24001+	CO24576	11.24	1 1-	2ACSR	0	0	671	268	9	0	0	0.00	2.83	0
CO23864+	CO24576	11.40	122 3-	1/0ACSR	879	824	664	267	630	14	6	0.03	2.86	30
CO24976+	CO23864	11.49	3 1-	4ACSR	0	0	657	266	11	0	1	0.00	2.86	0
CO24000+	CO23864	11.45	1 1-	2ACSR	0	0	661	267	5	0	0	0.00	2.86	0
CO23862+	CO23864	11.57	118 3-	1/0ACSR	868	814	655	266	614	14	6	0.02	2.89	21
CO24849+	CO23862	11.64	5 1-	4ACSR	0	0	650	265	39	2	2	0.00	2.89	0
CO24420+	CO24849	11.67	5 1-	4ACSR	0	0	648	265	39	2	2	0.00	2.89	0
CO24421+	CO24420	11.74	4 1-	4ACSR	0	0	643	264	26	1	1	0.00	2.89	0
CO23966+	CO24421	11.75	1 1-	4ACSR	0	0	642	263	5	0	0	0.00	2.89	0
CO24577+	CO24421	11.79	3 1-	4ACSR	0	0	639	263	20	1	1	0.00	2.90	0
CO24578+	CO24577	11.82	1 1-	4ACSR	0	0	638	263	0	0	0	0.00	2.90	0
CO23965+	CO24420	11.69	1 1-	4ACSR	0	0	647	264	13	0	1	0.00	2.89	0
CO24579+	CO23862	11.63	113 3-	1/0ACSR	864	811	652	266	575	13	6	0.01	2.89	6
CO24580+	CO24579	11.80	112 3-	1/0ACSR	854	801	644	264	575	13	6	0.02	2.91	18
CO24581+	CO24580	11.87	97 1-	4ACSR	0	0	639	263	476	33	24	0.05	2.97	40
CO24582+	CO24581	12.20	96 1-	4ACSR	0	0	617	259	476	33	24	0.26	3.23	204
CO24159+	CO24582	12.31	96 1-	4ACSR	0	0	609	257	475	33	24	0.09	3.32	70
CO23985+	CO24159	12.33	0 1-	4ACSR	0	0	608	257	0	0	0	0.00	3.32	0
CO24160+	CO24159	12.63	96 1-	4ACSR	0	0	589	253	474	33	24	0.26	3.57	197
CO24162+	CO24160	12.90	96 1-	4ACSR	0	0	573	250	473	33	24	0.21	3.78	162
CO24161+	CO24162	13.07	96 1-	4ACSR	0	0	563	248	473	33	24	0.13	3.92	105
XFMR14	CO24161	13.07	92 1-	500 KVA 1PH AUT	0	0	692	161	468	33	97	1.44	5.36	0
CO24884	XFMR14	13.43	92 1-	4ACSR	0	0	641	158	468	67	48	1.12	6.48	867

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
REG358	CO24884	13.43	92 1-	100	0	0	641	158	464	67	67	-6.48	0.00	0
CO24882	REG358	13.44	92 1-	4ACSR	0	0	641	158	464	63	46	0.02	0.02	14
OC728	CO24882	13.44	92 1-	25 E OCR	0	0	641	158	464	63	255	0.00	0.02	0
CO24883	OC728	13.49	92 1-	4ACSR	0	0	634	157	464	63	46	0.15	0.17	109
CO24163	CO24883	13.66	92 1-	4ACSR	0	0	612	156	464	63	46	0.50	0.67	370
CO24852	CO24163	13.78	89 1-	4ACSR	0	0	598	155	435	60	43	0.34	1.01	236
CO23977	CO24852	13.82	1 1-	4ACSR	0	0	593	154	15	2	1	0.00	1.01	0
CO23860	CO24852	13.90	88 1-	4ACSR	0	0	584	154	419	57	41	0.31	1.32	206
CO24587	CO23860	13.95	4 1-	4ACSR	0	0	578	153	39	5	4	0.01	1.33	0
CO24588	CO24587	13.99	2 1-	4ACSR	0	0	573	153	25	3	3	0.01	1.34	0
CO24851	CO24588	14.09	1 1-	4ACSR	0	0	563	152	13	1	1	0.00	1.34	0
CO23859	CO23860	13.94	82 1-	4ACSR	0	0	579	153	366	50	36	0.11	1.43	61
CO23976	CO23859	14.02	2 1-	4ACSR	0	0	570	153	8	1	1	0.00	1.43	0
CO23975	CO23859	14.11	0 1-	4ACSR	0	0	560	152	0	0	0	0.00	1.43	0
CO24156	CO23859	14.09	76 1-	4ACSR	0	0	562	152	344	47	34	0.32	1.75	177
CO23980	CO24156	14.16	1 1-	4ACSR	0	0	555	151	1	0	0	0.00	1.75	0
CO24589	CO24156	14.15	74 1-	4ACSR	0	0	556	151	331	45	33	0.11	1.87	60
CO24590	CO24589	14.17	72 1-	4ACSR	0	0	554	151	319	44	32	0.05	1.91	24
CO24428	CO24590	14.23	2 1-	4ACSR	0	0	547	151	13	1	1	0.01	1.92	0
CO24429	CO24428	14.29	1 1-	4ACSR	0	0	542	150	0	0	0	0.00	1.92	0
CO23979	CO24428	14.35	1 1-	2ACSR	0	0	538	150	13	1	1	0.00	1.92	0
CO23858	CO24590	14.42	70 1-	4ACSR	0	0	528	149	306	42	30	0.50	2.42	247
CO23978	CO23858	14.45	2 1-	4ACSR	0	0	526	149	12	1	1	0.00	2.42	0
CO23861	CO23858	14.55	68 1-	4ACSR	0	0	516	148	293	40	29	0.25	2.66	116
CO24426	CO23861	14.70	1 1-	4ACSR	0	0	502	147	0	0	0	0.00	2.66	0
CO24427	CO24426	14.74	1 1-	4ACSR	0	0	499	146	0	0	0	0.00	2.66	0
CO24591	CO23861	14.68	67 1-	4ACSR	0	0	504	147	292	40	29	0.24	2.90	112
CO24592	CO24591	14.73	66 1-	4ACSR	0	0	500	146	291	40	29	0.10	2.99	44
CO24593	CO24592	14.84	65 1-	4ACSR	0	0	490	146	280	39	28	0.20	3.20	91
CO24594	CO24593	14.90	65 1-	4ACSR	0	0	485	145	279	39	28	0.10	3.30	46
CO24595	CO24594	14.92	64 1-	4ACSR	0	0	484	145	271	38	27	0.03	3.33	14
CO24845	CO24595	15.20	59 1-	4ACSR	0	0	461	143	245	34	25	0.45	3.78	180
CO24409	CO24845	15.26	59 1-	4ACSR	0	0	457	142	244	34	25	0.09	3.87	35
CO24128	CO24409	15.32	2 1-	4ACSR	0	0	452	142	5	0	0	0.00	3.87	0
CO24596	CO24409	15.31	55 1-	4ACSR	0	0	453	142	231	32	23	0.08	3.95	29
CO24597	CO24596	15.35	54 1-	4ACSR	0	0	450	141	223	31	23	0.06	4.01	22
CO24598	CO24597	15.46	54 1-	4ACSR	0	0	442	141	223	31	23	0.15	4.16	56
CO24408	CO24598	15.56	53 1-	4ACSR	0	0	435	140	208	29	21	0.14	4.31	48
CO23964	CO24408	15.66	45 1-	4ACSR	0	0	428	139	187	26	19	0.13	4.43	39
CO23962	CO23964	15.87	41 1-	4ACSR	0	0	414	138	173	24	18	0.23	4.67	66
CO24131	CO23962	16.00	2 1-	4ACSR	0	0	406	137	9	1	1	0.00	4.67	0
CO23961	CO23962	15.92	38 1-	4ACSR	0	0	411	137	164	23	17	0.05	4.72	15
CO24403	CO23961	16.09	3 1-	4ACSR	0	0	401	136	16	2	2	0.01	4.73	0
CO24400	CO24403	16.22	2 1-	4ACSR	0	0	393	135	6	0	1	0.01	4.74	0
CO24402	CO24400	16.32	2 1-	4ACSR	0	0	388	134	6	0	1	0.00	4.74	0
CO24401	CO24402	16.43	2 1-	4ACSR	0	0	382	134	6	0	1	0.00	4.75	0
CO24394	CO24401	16.62	1 1-	4ACSR	0	0	371	132	0	0	0	0.00	4.75	0
CO24399	CO24394	16.66	1 1-	4ACSR	0	0	370	132	0	0	0	0.00	4.75	0
CO24395	CO24399	16.68	1 1-	4ACSR	0	0	369	132	0	0	0	0.00	4.75	0
CO24398	CO24395	16.70	1 1-	4ACSR	0	0	368	132	0	0	0	0.00	4.75	0
CO24396	CO24398	16.77	1 1-	4ACSR	0	0	364	131	0	0	0	0.00	4.75	0
CO24397	CO24396	16.98	1 1-	4ACSR	0	0	354	130	0	0	0	0.00	4.75	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24127	CO24401	16.47	1 1-	4ACSR	0	0	379	133	6	0	1	0.00	4.75	0
CO23960	CO23961	15.99	35 1-	4ACSR	0	0	407	137	148	21	15	0.06	4.78	16
CO24126	CO23960	16.04	1 1-	4ACSR	0	0	404	136	7	1	1	0.00	4.79	0
CO24599	CO23960	16.06	34 1-	4ACSR	0	0	403	136	141	20	14	0.07	4.85	16
CO24600	CO24599	16.16	33 1-	4ACSR	0	0	397	136	138	19	14	0.09	4.94	20
CO24405	CO24600	16.26	32 1-	4ACSR	0	0	391	135	126	17	13	0.09	5.03	18
CO24404	CO24405	16.55	32 1-	4ACSR	0	0	375	133	126	17	13	0.24	5.26	49
CO24410	CO24404	16.59	4 1-	4ACSR	0	0	373	133	17	2	2	0.00	5.27	0
CO24412	CO24410	16.83	3 1-	4ACSR	0	0	361	131	9	1	1	0.01	5.28	0
CO24411	CO24412	16.91	3 1-	4ACSR	0	0	357	130	9	1	1	0.00	5.28	0
CO24979	CO24411	17.02	3 1-	4ACSR	0	0	352	130	9	1	1	0.01	5.29	0
CO24419	CO24979	17.10	2 1-	4/0ACSR	0	0	350	129	0	0	0	0.00	5.29	0
CO24418	CO24419	17.24	1 1-	4/0ACSR	0	0	347	129	0	0	0	0.00	5.29	0
CO24121	CO24979	17.12	1 1-	1/0PRIURD	0	0	349	222	9	1	1	0.00	5.29	0
CO24124	CO24404	16.57	1 1-	4ACSR	0	0	374	133	3	0	0	0.00	5.26	0
CO23959	CO24404	17.04	27 1-	4ACSR	0	0	351	130	106	15	11	0.35	5.61	60
CO24413	CO23959	17.08	26 1-	4ACSR	0	0	349	129	104	14	11	0.03	5.64	6
CO24846	CO24413	17.34	26 1-	4ACSR	0	0	338	128	104	14	11	0.17	5.81	30
CO1750418615	CO24846	17.41	1 1-	2ACSR	0	0	335	127	9	1	1	0.00	5.82	0
CO24964	CO24846	17.66	24 1-	4ACSR	0	0	324	126	95	13	10	0.20	6.02	32
CO24949	CO24964	17.67	24 1-	4ACSR	0	0	324	126	95	13	10	0.00	6.02	0
OC721	CO24949	17.67	24 1-	15 H OCR	0	0	324	126	95	13	91	0.00	6.02	0
CO24965	OC721	17.92	0 1-	4ACSR	0	0	314	124	0	0	0	0.00	6.02	0
CO24148	CO24965	18.11	0 1-	4ACSR	0	0	307	123	0	0	0	0.00	6.02	0
CO24948	OC721	17.76	21 1-	4ACSR	0	0	320	125	89	12	9	0.06	6.08	8
CO24150	CO24948	18.16	21 1-	4ACSR	0	0	305	123	89	12	9	0.23	6.31	34
CO24430	CO24150	18.20	1 1-	2ACSR	0	0	304	122	8	1	1	0.00	6.31	0
CO24431	CO24430	18.22	1 1-	2ACSR	0	0	304	122	8	1	1	0.00	6.31	0
CO24153	CO24150	18.25	19 1-	4ACSR	0	0	302	122	78	11	8	0.05	6.36	6
CO24151	CO24153	18.28	19 1-	4ACSR	0	0	301	122	78	11	8	0.02	6.38	2
CO23981	CO24151	18.34	1 1-	2ACSR	0	0	299	122	11	1	1	0.00	6.38	0
CO24603	CO24151	18.34	18 1-	4ACSR	0	0	299	122	67	9	7	0.02	6.40	3
CO24604	CO24603	18.55	16 1-	4ACSR	0	0	292	120	58	8	6	0.07	6.47	6
CO24152	CO24604	18.63	14 1-	4ACSR	0	0	289	120	42	6	4	0.02	6.49	0
CO23973	CO24152	18.78	1 1-	4ACSR	0	0	285	119	2	0	0	0.00	6.49	0
CO23856	CO24152	18.74	12 1-	4ACSR	0	0	286	119	39	5	4	0.03	6.52	0
CO23972	CO23856	18.80	0 1-	4ACSR	0	0	284	119	0	0	0	0.00	6.52	0
CO23857	CO23856	18.82	12 1-	4ACSR	0	0	283	119	39	5	4	0.02	6.54	0
CO23971	CO23857	18.86	1 1-	4ACSR	0	0	282	119	9	1	1	0.00	6.54	0
CO24154	CO23857	18.89	11 1-	4ACSR	0	0	281	119	30	4	3	0.01	6.55	0
CO24155	CO24154	18.93	11 1-	4ACSR	0	0	280	118	30	4	3	0.01	6.56	0
CO23974	CO24155	18.99	2 1-	4ACSR	0	0	278	118	8	1	1	0.00	6.56	0
CO24608	CO24155	18.98	2 1-	4ACSR	0	0	278	118	9	1	1	0.00	6.56	0
CO24850	CO24608	19.26	1 1-	4ACSR	0	0	270	117	2	0	0	0.00	6.56	0
CO24393	CO24850	19.35	0 1-	4ACSR	0	0	268	116	0	0	0	0.00	6.56	0
CO24606	CO24155	18.97	5 1-	4ACSR	0	0	279	118	8	1	1	0.00	6.56	0
CO24607	CO24606	19.07	3 1-	4ACSR	0	0	276	118	1	0	0	0.00	6.56	0
CO24605	CO24607	19.14	2 1-	1/0PRIURD	0	0	275	188	1	0	0	0.00	6.56	0
CO24601	OC721	17.69	3 1-	4ACSR	0	0	323	125	6	0	1	0.00	6.02	0
CO24602	CO24601	17.99	2 1-	4ACSR	0	0	311	124	3	0	0	0.01	6.03	0
CO24756	CO24602	18.15	2 1-	4ACSR	0	0	306	123	3	0	0	0.00	6.03	0
CO24757	CO24756	18.16	1 1-	4ACSR	0	0	305	123	1	0	0	0.00	6.03	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24149	CO24757	18.34	1 1-	4ACSR	0	0	299	122	1	0	0	0.00	6.03	0
CO24422	CO24149	18.42	1 1-	4ACSR	0	0	296	121	1	0	0	0.00	6.03	0
CO24423	CO24422	18.52	0 1-	4ACSR	0	0	293	121	0	0	0	0.00	6.03	0
CO23970	CO24149	18.40	0 1-	4ACSR	0	0	297	121	0	0	0	0.00	6.03	0
CO24133	CO23959	17.11	1 1-	4ACSR	0	0	348	129	1	0	0	0.00	5.61	0
CO24125	CO24600	16.25	0 1-	4ACSR	0	0	392	135	0	0	0	0.00	4.94	0
CO24517	CO24600	16.21	1 1-	4ACSR	0	0	394	135	12	1	1	0.00	4.94	0
CO24518	CO23964	15.74	2 1-	4ACSR	0	0	423	139	12	1	1	0.01	4.44	0
CO24519	CO24518	15.77	1 1-	4ACSR	0	0	421	138	12	1	1	0.00	4.44	0
CO23963	CO24408	15.71	8 1-	4ACSR	0	0	425	139	20	2	2	0.02	4.33	0
CO24406	CO23963	15.86	5 1-	4ACSR	0	0	415	138	13	1	1	0.01	4.34	0
CO24407	CO24406	16.13	4 1-	4ACSR	0	0	399	136	13	1	1	0.02	4.36	0
CO24417	CO24407	16.27	2 1-	4ACSR	0	0	390	135	2	0	0	0.00	4.36	0
CO24416	CO24417	16.34	1 1-	4ACSR	0	0	387	134	1	0	0	0.00	4.36	0
CO24414	CO24407	16.20	1 1-	4ACSR	0	0	394	135	4	0	0	0.00	4.36	0
CO24415	CO24414	16.38	1 1-	4ACSR	0	0	384	134	4	0	0	0.00	4.37	0
CO24132	CO24407	16.26	1 1-	4ACSR	0	0	391	135	7	0	1	0.00	4.36	0
CO24130	CO23963	15.83	1 1-	4ACSR	0	0	417	138	2	0	0	0.00	4.33	0
CO24129	CO23963	15.77	2 1-	4ACSR	0	0	421	138	5	0	1	0.00	4.33	0
CO24134	CO24598	15.57	1 1-	4ACSR	0	0	434	140	15	2	2	0.01	4.17	0
CO24424	CO24595	14.99	5 1-	4ACSR	0	0	478	144	26	3	3	0.01	3.34	0
CO24425	CO24424	15.07	2 1-	4ACSR	0	0	471	144	16	2	2	0.00	3.35	0
CO24193	CO24163	13.77	3 1-	4ACSR	0	0	599	155	27	3	3	0.02	0.69	0
CO23989	CO24193	13.77	1 1-	4ACSR	0	0	598	155	18	2	2	0.00	0.69	0
CO24190	CO24193	13.81	2 1-	4ACSR	0	0	593	154	9	1	1	0.00	0.69	0
CO24192	CO24190	13.86	2 1-	4ACSR	0	0	588	154	9	1	1	0.00	0.69	0
CO24191	CO24192	13.91	2 1-	4ACSR	0	0	583	154	9	1	1	0.00	0.70	0
CO24848+	CO24161	13.44	4 1-	4ACSR	0	0	543	243	4	0	0	0.00	3.92	0
CO24583+	CO24848	13.56	4 1-	4ACSR	0	0	536	242	4	0	0	0.00	3.92	0
CO24584+	CO24583	13.66	3 1-	4ACSR	0	0	531	241	4	0	0	0.00	3.92	0
CO24585+	CO24584	13.72	1 1-	4ACSR	0	0	528	240	0	0	0	0.00	3.92	0
CO24586+	CO24585	13.88	1 1-	4ACSR	0	0	520	238	0	0	0	0.00	3.92	0
CO24847+	CO24586	14.17	0 1-	4ACSR	0	0	506	235	0	0	0	0.00	3.92	0
CO24123+	CO24847	14.32	0 1-	4ACSR	0	0	499	234	0	0	0	0.00	3.92	0
CO24122+	CO24847	14.25	0 1-	4ACSR	0	0	502	234	0	0	0	0.00	3.92	0
CO23969+	CO24586	14.00	1 1-	4ACSR	0	0	515	237	0	0	0	0.00	3.92	0
CO23855+	CO24584	13.95	2 1-	4ACSR	0	0	517	238	3	0	0	0.00	3.92	0
CO23968+	CO23855	14.06	1 1-	4ACSR	0	0	511	236	2	0	0	0.00	3.92	0
CO23967+	CO23855	14.04	1 1-	4ACSR	0	0	513	237	1	0	0	0.00	3.92	0
CO23863+	CO24580	12.01	15 1-	4ACSR	0	0	629	261	99	6	5	0.03	2.95	5
CO24436+	CO23863	12.08	2 1-	4ACSR	0	0	624	260	13	0	1	0.00	2.95	0
CO24435+	CO24436	12.14	1 1-	4ACSR	0	0	620	260	5	0	0	0.00	2.95	0
CO24434+	CO24435	12.18	0 1-	4ACSR	0	0	618	259	0	0	0	0.00	2.95	0
CO23984+	CO24435	12.16	1 1-	4ACSR	0	0	619	259	5	0	0	0.00	2.95	0
CO24618+	CO23863	12.09	13 1-	4ACSR	0	0	624	260	85	5	4	0.01	2.96	0
CO24619+	CO24618	12.18	13 1-	4ACSR	0	0	618	259	85	5	4	0.01	2.97	0
CO24620+	CO24619	12.36	12 1-	4ACSR	0	0	606	257	81	5	4	0.02	2.99	3
CO24621+	CO24620	12.58	11 1-	4ACSR	0	0	592	254	77	5	4	0.03	3.02	3
CO24758+	CO24621	12.64	11 1-	4ACSR	0	0	589	253	77	5	4	0.01	3.03	0
CO24759+	CO24758	12.73	9 1-	4ACSR	0	0	583	252	67	4	3	0.01	3.04	0
CO23987+	CO24759	12.82	1 1-	4ACSR	0	0	577	251	8	0	0	0.00	3.04	0
CO24622+	CO24759	12.79	3 1-	4ACSR	0	0	579	251	32	2	2	0.00	3.04	0

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24623+	CO24622	12.86	2 1-	4ACSR	0	0	575	250	18	1	1	0.00	3.04	0
CO24438+	CO24623	12.89	1 1-	4ACSR	0	0	574	250	1	0	0	0.00	3.04	0
CO24437+	CO24438	12.93	1 1-	4ACSR	0	0	571	250	1	0	0	0.00	3.04	0
CO24165+	CO24759	12.80	5 1-	4ACSR	0	0	579	251	27	1	1	0.00	3.04	0
CO24164+	CO24165	12.94	3 1-	4ACSR	0	0	571	249	13	0	1	0.00	3.04	0
CO23988+	CO24164	12.97	3 1-	4ACSR	0	0	569	249	13	0	1	0.00	3.04	0
CO23994+	CO24575	11.10	2 1-	4ACSR	0	0	678	269	4	0	0	0.00	2.81	0
CO23993+	CO24575	11.09	2 1-	4ACSR	0	0	678	269	8	0	0	0.00	2.81	0
NEWCAP-7B0289B5+	CO24172	10.89	0 3-	Capacitor	912	854	691	271	0	-7	0	0.00	2.79	0
CO23868+	CO24183	10.45	2 1-	4ACSR	0	0	712	273	7	0	0	0.00	2.72	0
CO24185+	CO23868	10.54	1 1-	4ACSR	0	0	704	272	6	0	0	0.00	2.72	0
CO24184+	CO24185	10.82	0 1-	4ACSR	0	0	680	268	0	0	0	0.00	2.72	0
CO23997+	CO23868	10.50	1 1-	4ACSR	0	0	707	272	1	0	0	0.00	2.72	0
CO23999+	CO24871	8.40	0 1-	2ACSR	0	0	861	290	0	0	0	0.00	2.38	0
CO24022+	CO24218	8.34	0 1-	4ACSR	0	0	864	290	0	0	0	0.00	2.36	0
CO24214+	CO-1104928244	7.26	5 1-	4ACSR	0	0	968	300	30	2	1	0.00	2.16	0
CO24216+	CO24214	7.28	5 1-	4ACSR	0	0	966	300	30	2	1	0.00	2.16	0
CO24215+	CO24216	7.51	5 1-	4ACSR	0	0	932	296	30	2	1	0.01	2.17	0
CO24021+	CO24215	7.60	3 1-	4ACSR	0	0	919	294	19	1	1	0.00	2.17	0
CO24020+	CO24215	7.60	2 1-	4ACSR	0	0	919	294	11	0	1	0.00	2.17	0
CO-326617151+	CO-950287320	7.16	2 1-	2ACSR	0	0	981	301	3	0	0	0.00	2.14	0
CO23879+	CO24230	7.47	3 1-	4ACSR	0	0	929	295	30	2	2	0.01	2.14	0
CO24455+	CO24456	6.65	2 1-	4ACSR	0	0	1039	306	4	0	0	0.00	2.04	0
CO24024+	CO23882	6.58	1 1-	4ACSR	0	0	1044	306	10	0	0	0.00	2.01	0
CO24023+	CO24220	6.25	0 1-	4ACSR	0	0	1089	309	0	0	0	0.00	1.95	0
CO24076+	CO24287	5.61	3 1-	4ACSR	0	0	1180	315	18	1	1	0.00	1.81	0
CO1608489873+	CO24076	5.66	1 1-	2ACSR	0	0	1171	314	0	0	0	0.00	1.81	0
CO24285+	CO24306	5.27	42 3-	1/0ACSR	1544	1435	1240	319	746	16	7	0.01	1.74	8
CO24636+	CO24285	5.32	42 3-	1/0ACSR	1536	1427	1232	318	746	16	7	0.00	1.75	8
CO24635+	CO24636	5.35	42 3-	1/0ACSR	1531	1422	1227	318	746	16	7	0.00	1.75	5
CO23927+	CO24635	5.52	41 3-	1/0ACSR	1500	1392	1199	316	745	16	7	0.02	1.77	28
CO24276+	CO23927	5.55	4 3-	4ACSR	1494	1388	1193	316	35	0	1	0.00	1.77	0
CO24768+	CO24276	5.57	4 3-	4ACSR	1488	1382	1188	315	35	0	1	0.00	1.77	0
CO24769+	CO24768	5.59	3 3-	4ACSR	1485	1380	1185	315	5	0	0	0.00	1.77	0
CO23928+	CO24769	5.80	3 3-	4ACSR	1433	1336	1139	311	5	0	0	0.00	1.77	0
CO24280+	CO23928	5.84	3 3-	4ACSR	1424	1328	1131	310	5	0	0	0.00	1.77	0
CO24277+	CO24280	5.91	3 3-	4ACSR	1409	1315	1118	309	5	0	0	0.00	1.77	0
CO24279+	CO24277	5.92	3 3-	4ACSR	1406	1313	1115	309	5	0	0	0.00	1.77	0
CO24278+	CO24279	6.09	3 3-	4ACSR	1367	1280	1082	306	5	0	0	0.00	1.77	0
CO24284+	CO24278	6.16	1 1-	2ACSR	0	0	1072	305	2	0	0	0.00	1.77	0
CO24281+	CO24284	6.66	1 1-	2ACSR	0	0	998	299	2	0	0	0.00	1.77	0
CO24283+	CO24281	6.76	1 1-	2ACSR	0	0	986	298	2	0	0	0.00	1.77	0
CO24282+	CO24283	6.91	1 1-	2ACSR	0	0	966	296	2	0	0	0.00	1.77	0
CO23934+	CO24278	6.41	1 1-	4ACSR	0	0	1023	300	1	0	0	0.00	1.77	0
CO24072+	CO23928	5.99	0 1-	4ACSR	0	0	1101	308	0	0	0	0.00	1.77	0
CO24648+	CO24769	5.66	0 1-	4ACSR	0	0	1169	314	0	0	0	0.00	1.77	0
CO24649+	CO24648	5.74	0 1-	4ACSR	0	0	1153	312	0	0	0	0.00	1.77	0
CO24650+	CO23927	5.63	36 3-	1/0ACSR	1482	1376	1182	315	709	16	7	0.01	1.78	16
CO24651+	CO24650	5.76	35 3-	1/0ACSR	1460	1355	1161	314	709	16	7	0.01	1.79	20
CO24652+	CO24651	5.86	35 3-	1/0ACSR	1445	1342	1148	313	709	16	7	0.01	1.80	13
CO24078+	CO24652	5.89	1 1-	4ACSR	0	0	1140	313	1	0	0	0.00	1.80	0
CO24077+	CO24652	5.95	1 1-	4ACSR	0	0	1129	311	0	0	0	0.00	1.80	0

Case: 2008-2009 CONSTRUCTION WORK PLAN - FUTURE WINTER 2008-09 SYSTEM AFTER IMPROVEMENTS
 Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23930+	CO24652	5.95	33 3-	1/0ACSR	1430	1328	1134	312	708	16	7	0.01	1.81	14
NEWCAP-CC5FC87B+	CO23930	5.95	0 3-	Capacitor	1430	1328	1134	312	0	-7	0	0.00	1.81	0
CO24290+	CO23930	6.12	33 3-	1/0ACSR	1403	1304	1110	311	708	16	7	0.03	1.84	26
CO24291+	CO24290	6.23	33 3-	1/0ACSR	1387	1289	1095	310	708	16	7	0.02	1.85	16
CO24080+	CO24291	6.29	0 1-	4ACSR	0	0	1083	309	0	0	0	0.00	1.85	0
CO24654+	CO24291	6.27	33 3-	1/0ACSR	1380	1283	1089	309	707	16	7	0.01	1.86	7
CO24655+	CO24654	6.32	32 3-	1/0ACSR	1373	1276	1083	309	699	16	7	0.01	1.87	7
CO24292+	CO24655	6.41	32 3-	1/0ACSR	1361	1265	1072	308	699	16	7	0.01	1.88	13
CO24476+	CO24292	6.48	0 1-	4ACSR	0	0	1058	307	0	0	0	0.00	1.88	0
CO24477+	CO24476	6.60	0 1-	4ACSR	0	0	1038	305	0	0	0	0.00	1.88	0
CO23931+	CO24292	6.52	9 3-	1/0ACSR	1344	1250	1057	307	592	13	6	0.01	1.89	12
CO24483+	CO23931	6.55	0 1-	4ACSR	0	0	1052	307	0	0	0	0.00	1.89	0
CO24484+	CO24483	6.68	0 1-	4ACSR	0	0	1029	304	0	0	0	0.00	1.89	0
CO24293+	CO23931	6.56	9 3-	1/0ACSR	1339	1245	1053	307	591	13	6	0.00	1.90	4
CO24298+	CO24293	6.61	9 3-	1/0ACSR	1332	1239	1046	306	591	13	6	0.01	1.90	5
CO24294+	CO24298	6.63	9 3-	1/0ACSR	1329	1236	1044	306	591	13	6	0.00	1.91	2
CO24297+	CO24294	6.68	9 3-	1/0ACSR	1322	1229	1037	306	591	13	6	0.01	1.91	6
CO24295+	CO24297	6.73	9 3-	1/0ACSR	1316	1224	1032	305	591	13	6	0.01	1.92	5
CO24296+	CO24295	6.77	9 3-	1/0ACSR	1309	1218	1026	305	591	13	6	0.01	1.92	5
CO24081+	CO24296	6.84	0 1-	4ACSR	0	0	1015	304	0	0	0	0.00	1.92	0
CO24873+	CO24296	6.89	5 1-	4ACSR	0	0	1007	303	25	1	1	0.00	1.93	0
CO24487+	CO24873	6.93	5 1-	4ACSR	0	0	1001	302	25	1	1	0.00	1.93	0
CO24087+	CO24487	6.98	1 1-	4ACSR	0	0	993	301	14	0	1	0.00	1.93	0
CO24486+	CO24487	7.02	4 1-	4ACSR	0	0	986	300	11	0	1	0.00	1.93	0
CO24301+	CO24296	6.81	4 3-	4ACSR	1302	1212	1020	304	567	13	9	0.01	1.93	9
CO24299+	CO24301	6.87	4 3-	4ACSR	1291	1202	1010	303	567	13	9	0.01	1.95	14
CO24300+	CO24299	6.88	4 3-	4ACSR	1289	1201	1009	303	567	13	9	0.00	1.95	2
CO24482+	CO24300	6.91	3 3-	2ACSR	1284	1196	1004	303	3	0	0	0.00	1.95	0
CO24864+	CO24482	7.03	1 1-	4ACSR	0	0	985	300	0	0	0	0.00	1.95	0
CO24481+	CO24482	6.97	1 3-	2ACSR	1275	1189	997	302	0	0	0	0.00	1.95	0
CO24865+	CO24481	7.04	0 3-	2ACSR	1264	1178	987	301	0	0	0	0.00	1.95	0
CO24480+	CO24300	6.92	1 3-	4ACSR	1280	1193	1001	302	564	13	9	0.01	1.96	12
CO24478+	CO24480	6.97	0 3-	4ACSR	1270	1185	993	301	0	0	0	0.00	1.96	0
CO24479+	CO24478	7.01	0 3-	4ACSR	1263	1179	987	301	0	0	0	0.00	1.96	0
CO24952+	CO24480	6.95	1 3-	1/0PRIURD	1278	1192	1000	584	564	13	9	0.00	1.97	2
140553025+	CO24952	6.95	1 3-	Consumer	1278	1192	1000	584	564	13	0	0.00	1.97	0
CO24805+	CO24292	6.41	23 1-	4ACSR	0	0	1070	308	107	7	5	0.00	1.88	0
OC735+	CO24805	6.41	23 1-	25 E OCR	0	0	1070	308	107	7	30	0.00	1.88	0
CO24806+	OC735	6.43	23 1-	4ACSR	0	0	1067	308	107	7	5	0.00	1.88	0
CO24656+	CO24806	6.54	22 1-	4ACSR	0	0	1048	306	103	7	5	0.02	1.90	3
CO24302+	CO24656	6.58	22 1-	4ACSR	0	0	1041	305	103	7	5	0.01	1.91	0
CO24084+	CO24302	6.60	0 1-	4ACSR	0	0	1037	305	0	0	0	0.00	1.91	0
CO23932+	CO24302	6.63	22 1-	4ACSR	0	0	1032	304	103	7	5	0.01	1.92	0
CO24082+	CO23932	6.66	1 1-	4ACSR	0	0	1027	304	2	0	0	0.00	1.92	0
CO24657+	CO23932	6.64	21 1-	4ACSR	0	0	1030	304	100	6	5	0.00	1.92	0
CO24658+	CO24657	6.67	20 1-	4ACSR	0	0	1025	303	99	6	5	0.00	1.92	0
CO24083+	CO24658	6.74	4 1-	4ACSR	0	0	1014	302	23	1	1	0.00	1.92	0
CO24303+	CO24658	6.70	16 1-	4ACSR	0	0	1019	303	76	5	4	0.00	1.93	0
CO24659+	CO24303	6.75	15 1-	4ACSR	0	0	1011	302	73	5	4	0.01	1.93	0
CO24863+	CO24659	6.89	9 1-	4ACSR	0	0	989	300	64	4	3	0.01	1.95	0
CO24664+	CO24863	6.95	6 1-	4ACSR	0	0	979	298	55	3	3	0.00	1.95	0
CO24088+	CO24664	6.99	1 1-	4ACSR	0	0	973	298	17	1	1	0.00	1.95	0

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24762+	CO24664	6.98	3 1-	4ACSR	0	0	974	298	24	1	1	0.00	1.95	0
CO24862+	CO24762	7.04	1 1-	2ACSR	0	0	967	297	9	0	0	0.00	1.95	0
CO24485+	CO24862	7.10	1 1-	2ACSR	0	0	959	297	9	0	0	0.00	1.95	0
CO24488+	CO24762	6.99	2 1-	4ACSR	0	0	973	298	15	1	1	0.00	1.95	0
CO24660+	CO24863	6.92	3 1-	4ACSR	0	0	984	299	9	0	0	0.00	1.95	0
CO24661+	CO24660	7.00	2 1-	4ACSR	0	0	971	298	8	0	0	0.00	1.95	0
CO24662+	CO24661	7.02	1 1-	4ACSR	0	0	968	297	3	0	0	0.00	1.95	0
CO24663+	CO24662	7.04	0 1-	4ACSR	0	0	965	297	0	0	0	0.00	1.95	0
CO24079+	CO23930	6.04	0 1-	4ACSR	0	0	1115	311	0	0	0	0.00	1.81	0
CO24653+	CO23930	6.07	0 1-	4ACSR	0	0	1110	310	0	0	0	0.00	1.81	0
CO24627+	CO23939	3.59	2 1-	4ACSR	0	0	1602	335	21	1	1	0.00	1.18	0
CO24628+	CO24627	3.67	0 1-	4ACSR	0	0	1574	334	0	0	0	0.00	1.18	0
CO24490+	CO23938	3.56	6 1-	4ACSR	0	0	1610	335	19	1	1	0.00	1.17	0
CO24625+	CO24490	3.62	5 1-	4ACSR	0	0	1589	334	15	1	1	0.00	1.17	0
CO24626+	CO24625	3.62	4 1-	4ACSR	0	0	1587	334	15	1	1	0.00	1.17	0
CO24489+	CO24490	3.59	0 1-	4ACSR	0	0	1598	335	0	0	0	0.00	1.17	0
CO24802+	CO23940	3.47	271 3-	1/0ACSR	1941	1844	1638	337	1584	35	15	0.00	1.15	5
SW10-A+	CO24802	3.47	271 3-	Closed	1941	1844	1638	337	1584	35	0	0.00	1.15	0
SW10-B+	SW10-A	3.47	271 3-	Closed	1941	1844	1638	337	1584	35	0	0.00	1.15	0
CO24801+	SW10-B	3.61	271 3-	1/0ACSR	1903	1805	1598	335	1584	35	15	0.04	1.19	104
CO24110+	CO24801	3.63	0 3-	2ACSR	1898	1799	1592	335	0	0	0	0.00	1.19	0
CO24102+	CO24801	3.65	1 1-	4ACSR	0	0	1585	335	1	0	0	0.00	1.19	0
CO23937+	CO24801	3.73	270 3-	1/0ACSR	1874	1774	1568	334	1583	35	15	0.03	1.22	81
CO23936+	CO23937	3.85	268 3-	1/0ACSR	1844	1743	1536	333	1578	35	15	0.03	1.26	88
CO24101+	CO23936	3.93	2 1-	4ACSR	0	0	1511	331	4	0	0	0.00	1.26	0
CO24539+	CO23936	3.91	266 3-	1/0ACSR	1828	1726	1520	332	1573	35	15	0.02	1.27	46
CO24538+	CO24539	4.02	266 3-	1/0ACSR	1803	1700	1494	331	1573	35	15	0.03	1.30	74
CO24860+	CO24538	4.28	24 1-	4ACSR	0	0	1414	326	188	13	9	0.08	1.38	24
CO24259+	CO24860	4.33	24 1-	4ACSR	0	0	1399	325	188	13	9	0.02	1.40	5
CO24258+	CO24259	4.40	23 1-	4ACSR	0	0	1380	324	180	12	9	0.02	1.42	5
XFMR62	CO24258	4.40	23 1-	333 KVA 1PH AUT	0	0	941	173	180	12	54	0.58	2.00	0
CO24263	XFMR62	4.58	23 1-	4ACSR	0	0	903	171	180	25	18	0.21	2.21	61
CO24265	CO24263	4.67	23 1-	4ACSR	0	0	883	170	179	25	18	0.11	2.32	32
CO24264	CO24265	4.71	23 1-	4ACSR	0	0	876	170	179	25	18	0.04	2.36	12
CO24061	CO24264	4.76	0 1-	4ACSR	0	0	866	169	0	0	0	0.00	2.36	0
CO24824	CO24264	4.72	23 1-	4ACSR	0	0	874	170	179	25	18	0.01	2.37	2
OC722	CO24824	4.72	23 1-	50 H OCR	0	0	874	170	179	25	50	0.00	2.37	0
CO24825	OC722	4.78	23 1-	4ACSR	0	0	862	169	179	25	18	0.07	2.44	20
CO23914	CO24825	5.17	21 1-	4ACSR	0	0	786	165	173	24	17	0.44	2.88	124
CO24472	CO23914	5.27	1 1-	4ACSR	0	0	769	164	13	1	1	0.01	2.89	0
CO24473	CO24472	5.34	1 1-	4ACSR	0	0	755	163	13	1	1	0.00	2.89	0
CO24542	CO23914	5.24	20 1-	4ACSR	0	0	774	164	159	22	16	0.07	2.95	17
CO24543	CO24542	5.27	18 1-	4ACSR	0	0	769	164	153	21	15	0.03	2.98	7
CO-848809188	CO24543	5.34	18 1-	2ACSR	0	0	758	163	152	21	12	0.05	3.03	12
CO1506591920	CO-848809188	5.38	17 1-	2ACSR	0	0	752	163	150	21	12	0.03	3.06	6
CO24260	CO1506591920	5.42	17 1-	4ACSR	0	0	745	163	150	21	15	0.04	3.10	10
CO24068	CO24260	5.48	2 1-	2ACSR	0	0	737	162	11	1	1	0.00	3.10	0
CO24544	CO24260	5.51	15 1-	4ACSR	0	0	729	162	139	19	14	0.08	3.18	19
CO24545	CO24544	5.65	15 1-	4ACSR	0	0	708	161	139	19	14	0.12	3.30	27
CO24470	CO24545	5.67	4 1-	4ACSR	0	0	703	160	49	6	5	0.01	3.31	0
CO24471	CO24470	5.73	1 1-	4ACSR	0	0	695	160	16	2	2	0.01	3.31	0
CO24067	CO24471	5.79	1 1-	2ACSR	0	0	688	159	16	2	1	0.00	3.31	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24546	CO24470	5.72	2 1-	4ACSR	0	0	696	160	27	3	3	0.01	3.31	0
CO24547	CO24546	5.79	1 1-	4ACSR	0	0	685	159	16	2	2	0.00	3.32	0
CO-814490276	CO24545	5.71	11 1-	2ACSR	0	0	700	160	90	12	7	0.03	3.32	4
CO1419670082	CO-814490276	5.92	4 1-	2ACSR	0	0	673	159	32	4	3	0.03	3.35	0
CO24062	CO1419670082	5.96	1 1-	4ACSR	0	0	667	158	4	0	0	0.00	3.35	0
CO23916	CO1419670082	6.00	3 1-	4ACSR	0	0	661	158	28	3	3	0.02	3.37	0
CO24262	CO23916	6.06	2 1-	4ACSR	0	0	654	157	18	2	2	0.01	3.38	0
CO-1224744964	CO24262	6.11	1 1-	2ACSR	0	0	648	157	13	1	1	0.00	3.38	0
CO951817306	CO-1224744964	6.14	1 1-	2ACSR	0	0	644	157	13	1	1	0.00	3.38	0
CO-1197596423	CO-1224744964	6.14	0 1-	2ACSR	0	0	644	157	0	0	0	0.00	3.38	0
CO24842	CO-1197596423	6.15	0 1-	4ACSR	0	0	643	157	0	0	0	0.00	3.38	0
SW745-A	CO24842	6.15	0 1-	Open	0	0	643	157	0	0	0	0.00	3.38	0
CO24071	CO24262	6.11	1 1-	2ACSR	0	0	648	157	5	0	0	0.00	3.38	0
CO24275	CO23916	6.07	1 1-	4ACSR	0	0	651	157	10	1	1	0.00	3.37	0
CO24273	CO24275	6.14	1 1-	4ACSR	0	0	643	157	10	1	1	0.00	3.38	0
CO24274	CO24273	6.23	1 1-	4ACSR	0	0	630	156	10	1	1	0.00	3.38	0
CO24548	CO-814490276	5.77	7 1-	4ACSR	0	0	691	160	58	8	6	0.02	3.34	0
CO24866	CO24548	5.90	7 1-	4ACSR	0	0	671	158	58	8	6	0.05	3.39	5
CO24018	CO24866	6.12	7 1-	4ACSR	0	0	639	156	58	8	6	0.09	3.48	8
CO24213	CO24018	6.34	7 1-	4ACSR	0	0	611	154	57	8	6	0.08	3.56	8
CO24210	CO24213	6.51	7 1-	4ACSR	0	0	590	153	57	8	6	0.06	3.62	6
CO24211	CO24210	6.56	7 1-	4ACSR	0	0	583	152	57	8	6	0.02	3.64	0
CO23880	CO24211	6.85	5 1-	4ACSR	0	0	552	150	15	2	2	0.03	3.67	0
CO24233	CO23880	7.12	3 1-	4ACSR	0	0	523	147	7	1	1	0.01	3.68	0
CO24232	CO24233	7.21	2 1-	4ACSR	0	0	515	147	5	0	1	0.00	3.68	0
CO24019	CO23880	7.00	2 1-	4ACSR	0	0	536	148	8	1	1	0.00	3.67	0
CO24549	CO24211	6.62	1 1-	4ACSR	0	0	577	152	13	1	1	0.00	3.64	0
CO24550	CO24549	6.69	1 1-	4ACSR	0	0	569	151	13	1	1	0.00	3.65	0
CO1111342200	CO-848809188	5.54	1 1-	2ACSR	0	0	730	162	2	0	0	0.00	3.03	0
CO24540	CO24825	4.94	2 1-	4ACSR	0	0	830	167	7	0	1	0.01	2.45	0
CO24541	CO24540	5.06	1 1-	4ACSR	0	0	807	166	6	0	1	0.00	2.45	0
CO24070+	CO24259	4.46	1 1-	2ACSR	0	0	1369	323	8	0	0	0.00	1.40	0
CO23935+	CO24538	4.13	239 3-	1/0ACSR	1777	1673	1467	330	1366	30	13	0.03	1.33	60
CO24086+	CO23935	4.19	0 1-	4ACSR	0	0	1450	329	0	0	0	0.00	1.33	0
CO24624+	CO23935	4.24	239 3-	1/0ACSR	1754	1649	1444	329	1366	30	13	0.02	1.35	55
CO24859+	CO24624	4.44	239 3-	1/0ACSR	1710	1604	1400	327	1365	30	13	0.05	1.40	107
CO24060+	CO24859	4.51	1 1-	4ACSR	0	0	1378	325	9	0	0	0.00	1.40	0
CO23913+	CO24859	4.64	238 3-	1/0ACSR	1666	1559	1357	325	1356	30	13	0.05	1.45	108
CO24059+	CO23913	4.74	0 1-	4ACSR	0	0	1332	323	0	0	0	0.00	1.45	0
CO23912+	CO23913	4.83	238 3-	1/0ACSR	1628	1520	1320	323	1356	30	13	0.04	1.49	99
CO24257+	CO23912	4.95	237 3-	1/0ACSR	1605	1497	1298	322	1352	30	13	0.03	1.52	60
CO24256+	CO24257	5.14	237 3-	1/0ACSR	1569	1461	1264	320	1351	30	13	0.04	1.56	99
CO23910+	CO24256	5.27	232 3-	1/0ACSR	1544	1435	1240	319	1323	29	13	0.03	1.59	68
CO24054+	CO23910	5.33	1 1-	4ACSR	0	0	1227	318	5	0	0	0.00	1.59	0
CO24701+	CO23910	5.43	231 3-	1/0ACSR	1516	1407	1213	317	1318	29	13	0.04	1.63	80
CO24700+	CO24701	5.58	231 3-	1/0ACSR	1490	1383	1189	316	1318	29	13	0.03	1.66	74
CO30684+	CO24700	6.13	0 3-	1/0ACSR	1402	1303	1109	311	0	0	0	0.00	1.66	0
CO24699+	CO24700	5.59	231 3-	1/0ACSR	1489	1382	1188	316	1317	29	13	0.00	1.66	3
CA72+	CO24699	5.59	0 3-	Capacitor	1489	1382	1188	316	0	-7	0	0.00	1.66	0
CO24698+	CO24699	5.77	231 3-	1/0ACSR	1458	1354	1160	314	1317	30	13	0.05	1.71	97
CO23911+	CO24698	5.87	1 1-	4ACSR	0	0	1141	312	0	0	0	0.00	1.71	0
CO24896+	CO23911	5.87	0 1-	4ACSR	0	0	1139	312	0	0	0	0.00	1.71	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24057+	CO23911	5.95	1 1-	4ACSR	0	0	1123	311	0	0	0	0.00	1.71	0
CO24056+	CO23911	5.95	0 1-	4ACSR	0	0	1123	311	0	0	0	0.00	1.71	0
CO23905+	CO24698	6.10	229 3-	4/0ACSR	1416	1315	1121	312	1316	30	9	0.05	1.76	88
CO24838+	CO23905	6.11	47 1-	1/0ACSR	0	0	1120	312	293	20	9	0.00	1.77	0
OC727+	CO24838	6.11	47 1-	70 E OCR	0	0	1120	312	293	20	29	0.00	1.77	0
CO24843+	OC727	6.16	47 1-	1/0ACSR	0	0	1112	311	293	20	9	0.01	1.78	5
CO489817934+	CO24843	6.22	1 1-	2ACSR	0	0	1103	311	8	0	0	0.00	1.78	0
CO24844+	CO24843	6.68	45 1-	1/0ACSR	0	0	1039	306	281	19	8	0.12	1.89	45
CO24697+	CO24844	6.76	44 1-	1/0ACSR	0	0	1029	306	268	18	8	0.02	1.91	7
CO23925+	CO24697	6.95	1 1-	4/0ACSR	0	0	1011	305	6	0	0	0.00	1.91	0
CO23924+	CO24697	6.95	1 1-	4/0ACSR	0	0	1011	305	4	0	0	0.00	1.91	0
CO24695+	CO24697	6.90	42 1-	1/0ACSR	0	0	1011	304	259	17	8	0.03	1.94	11
CO24696+	CO24695	7.35	41 1-	1/0ACSR	0	0	957	300	253	17	8	0.09	2.04	33
CO24053+	CO24696	7.47	1 1-	4ACSR	0	0	939	298	0	0	0	0.00	2.04	0
CO24052+	CO24696	7.48	1 1-	4ACSR	0	0	938	298	15	1	1	0.00	2.04	0
CO23907+	CO24696	7.58	39 1-	1/0ACSR	0	0	931	298	237	16	7	0.05	2.08	16
CO23908+	CO23907	7.66	37 1-	1/0ACSR	0	0	923	297	228	15	7	0.01	2.10	5
CO24269+	CO23908	7.87	1 1-	4ACSR	0	0	894	294	8	0	0	0.00	2.10	0
CO24270+	CO24269	7.96	0 1-	4ACSR	0	0	883	292	0	0	0	0.00	2.10	0
CO23909+	CO23908	7.76	36 1-	1/0ACSR	0	0	913	296	220	15	7	0.02	2.11	5
CO24051+	CO23909	7.85	1 1-	4ACSR	0	0	900	295	9	0	0	0.00	2.11	0
CO24692+	CO23909	8.08	35 1-	1/0ACSR	0	0	880	293	211	14	6	0.06	2.17	17
CO24867+	CO24692	8.11	34 1-	1/0ACSR	0	0	877	293	207	14	6	0.01	2.17	0
SW745-B+	CO24867	8.11	0 1-	Open	0	0	877	293	0	0	0	0.00	2.17	0
CO30702+	CO24867	8.62	1 1-	4ACSR	0	0	816	285	4	0	0	0.00	2.18	0
CO24665+	CO24867	8.12	33 1-	1/0ACSR	0	0	877	293	203	14	6	0.00	2.18	0
CO24666+	CO24665	8.27	33 1-	1/0ACSR	0	0	863	292	203	14	6	0.02	2.20	7
CO23883+	CO24666	8.38	29 1-	1/0ACSR	0	0	852	291	170	11	5	0.02	2.22	4
CO24236+	CO23883	8.54	4 1-	4ACSR	0	0	833	288	27	1	1	0.01	2.22	0
CO24234+	CO24236	8.67	2 1-	4ACSR	0	0	819	286	17	1	1	0.00	2.23	0
CO24235+	CO24234	8.74	2 1-	4ACSR	0	0	811	285	17	1	1	0.00	2.23	0
CO24012+	CO24236	8.58	2 1-	4ACSR	0	0	829	287	10	0	0	0.00	2.22	0
CO23875+	CO23883	8.63	25 1-	1/0ACSR	0	0	831	288	143	9	4	0.03	2.24	6
CO24449+	CO23875	8.67	1 1-	4ACSR	0	0	825	288	10	0	0	0.00	2.24	0
CO24450+	CO24449	8.71	1 1-	4ACSR	0	0	821	287	10	0	0	0.00	2.24	0
CO24671+	CO23875	8.68	23 1-	1/0ACSR	0	0	826	288	133	9	4	0.01	2.25	0
CO24672+	CO24671	8.70	20 1-	1/0ACSR	0	0	824	288	122	8	4	0.00	2.25	0
CO24205+	CO24672	8.78	20 1-	1/0ACSR	0	0	818	287	122	8	4	0.01	2.26	0
CO24673+	CO24205	8.80	20 1-	1/0ACSR	0	0	816	287	122	8	4	0.00	2.26	0
CO24674+	CO24673	8.89	19 1-	1/0ACSR	0	0	808	286	118	8	4	0.01	2.27	0
CO24669+	CO24674	8.98	3 1-	4ACSR	0	0	799	285	24	1	1	0.00	2.27	0
CO24670+	CO24669	9.05	2 1-	4ACSR	0	0	791	284	11	0	1	0.00	2.27	0
CO23876+	CO24674	9.14	16 1-	1/0ACSR	0	0	789	284	94	6	3	0.02	2.29	2
CO24013+	CO23876	9.24	1 1-	4ACSR	0	0	778	282	0	0	0	0.00	2.29	0
CO23877+	CO23876	9.28	14 1-	1/0ACSR	0	0	778	283	85	5	3	0.01	2.30	0
CO24014+	CO23877	9.35	3 1-	4ACSR	0	0	770	282	13	0	1	0.00	2.30	0
CO23878+	CO23877	9.38	11 1-	1/0ACSR	0	0	770	282	72	4	2	0.01	2.30	0
CO24207+	CO23878	9.51	7 1-	1/0ACSR	0	0	761	281	57	3	2	0.01	2.31	0
CO24458+	CO24207	9.64	2 1-	1/0PRIURD	0	0	753	495	21	1	1	0.00	2.31	0
CO24457+	CO24458	9.73	1 1-	1/0PRIURD	0	0	748	492	14	0	1	0.00	2.31	0
CO1383177954+	CO24457	9.77	0 1-	1/0PRIURD	0	0	745	491	0	0	0	0.00	2.31	0
CO24973+	CO24457	9.73	0 1-	1/0PRIURD	0	0	747	492	0	0	0	0.00	2.31	0

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24206+	CO24207	9.52	5 1-	1/0ACSR	0	0	760	281	37	2	1	0.00	2.31	0
CO24974+	CO24206	9.71	1 1-	1/0PRIURD	0	0	748	493	5	0	0	0.00	2.31	0
CO24675+	CO24206	9.56	4 1-	1/0ACSR	0	0	757	280	31	2	1	0.00	2.31	0
CO24676+	CO24675	9.61	2 1-	1/0ACSR	0	0	753	280	17	1	1	0.00	2.31	0
CO24836+	CO24676	9.62	0 1-	1/0ACSR	0	0	753	280	0	0	0	0.00	2.31	0
OC737+	CO24836	9.62	0 1-	50 E OCR	0	0	753	280	0	0	0	0.00	2.31	0
CO24017+	CO24676	9.69	1 1-	4ACSR	0	0	746	279	8	0	0	0.00	2.31	0
CO24015+	CO23878	9.43	4 1-	4ACSR	0	0	765	281	15	1	1	0.00	2.30	0
CO24011+	CO24666	8.32	2 1-	4ACSR	0	0	856	291	17	1	1	0.00	2.20	0
CO23874+	CO24666	8.41	2 1-	4ACSR	0	0	845	289	16	1	1	0.00	2.20	0
CO24667+	CO23874	8.64	1 1-	4ACSR	0	0	818	285	6	0	0	0.00	2.21	0
CO24668+	CO24667	8.71	1 1-	4ACSR	0	0	812	284	6	0	0	0.00	2.21	0
CO24010+	CO23874	8.45	1 1-	4ACSR	0	0	841	289	10	0	1	0.00	2.20	0
CO24693+	CO23907	7.65	2 1-	4ACSR	0	0	921	297	9	0	0	0.00	2.08	0
CO24694+	CO24693	7.72	1 1-	4ACSR	0	0	912	295	1	0	0	0.00	2.08	0
CO24271+	CO24694	7.75	1 1-	4ACSR	0	0	908	295	1	0	0	0.00	2.08	0
CO24272+	CO24271	7.89	1 1-	4ACSR	0	0	890	293	1	0	0	0.00	2.08	0
CO23917+	CO23905	6.20	182 3-	4/0ACSR	1404	1303	1110	311	1023	23	7	0.01	1.78	16
CO24063+	CO23917	6.30	1 1-	4ACSR	0	0	1092	310	13	0	1	0.00	1.78	0
CO23906+	CO23917	6.38	181 3-	4/0ACSR	1383	1284	1091	310	1009	23	7	0.02	1.80	27
CO24245+	CO23906	6.41	174 3-	4/0ACSR	1379	1280	1087	310	975	22	7	0.00	1.80	5
CO24972+	CO24245	6.56	174 3-	4/0ACSR	1362	1264	1071	309	975	22	7	0.02	1.82	22
CO24704+	CO24972	6.61	174 3-	4/0ACSR	1357	1259	1067	309	975	22	7	0.00	1.82	6
CO24049+	CO24704	6.69	0 1-	4ACSR	0	0	1052	308	0	0	0	0.00	1.82	0
CO23902+	CO24704	6.80	171 3-	4/0ACSR	1335	1239	1047	308	950	22	6	0.02	1.85	27
CO24048+	CO23902	6.86	2 1-	4ACSR	0	0	1037	307	2	0	0	0.00	1.85	0
CO23901+	CO23902	6.92	168 3-	4/0ACSR	1322	1227	1035	307	934	21	6	0.01	1.86	16
CO23920+	CO23901	6.97	159 3-	4/0ACSR	1317	1222	1030	307	919	21	6	0.01	1.87	6
CO23919+	CO23920	7.04	141 3-	4/0ACSR	1310	1215	1024	307	796	18	5	0.01	1.87	7
CO23900+	CO23919	7.17	119 3-	4/0ACSR	1296	1202	1011	306	638	14	4	0.01	1.88	9
CO24045+	CO23900	7.26	1 3-	4ACSR	1280	1189	998	304	1	0	0	0.00	1.88	0
CO24044+	CO23900	7.21	1 1-	4ACSR	0	0	1004	305	15	1	1	0.00	1.88	0
CO23892+	CO23900	7.25	115 3-	4/0ACSR	1288	1195	1004	305	620	14	4	0.01	1.89	5
CO24043+	CO23892	7.30	1 1-	4ACSR	0	0	996	305	3	0	0	0.00	1.89	0
CO23903+	CO23892	7.33	67 3-	4/0ACSR	1279	1187	996	305	353	8	2	0.00	1.89	0
CO24042+	CO23903	7.41	1 1-	4ACSR	0	0	985	304	16	1	1	0.00	1.89	0
CO23891+	CO23903	7.53	65 3-	4/0ACSR	1260	1169	979	304	337	7	2	0.01	1.90	3
CO24065+	CO23891	7.56	1 1-	4ACSR	0	0	974	303	21	1	1	0.00	1.90	0
CO23890+	CO23891	7.65	64 3-	4/0ACSR	1249	1158	969	303	316	7	2	0.00	1.91	0
CO23918+	CO23890	7.69	18 3-	4/0ACSR	1244	1154	965	303	54	1	0	0.00	1.91	0
CO24066+	CO23918	7.73	1 1-	750 MCM - 42 Wi	0	0	963	303	0	0	0	0.00	1.91	0
CO24729+	CO23918	7.77	16 3-	2ACSR	1233	1144	955	302	44	1	1	0.00	1.91	0
CO24857+	CO24729	7.85	15 3-	2ACSR	1222	1135	946	301	35	0	0	0.00	1.91	0
CO24946+	CO24857	7.86	0 3-	2ACSR	1221	1134	946	301	0	0	0	0.00	1.91	0
SW751-A+	CO24946	7.86	0 3-	Open	1221	1134	946	301	0	0	0	0.00	1.91	0
CO24892+	CO24857	7.96	15 3-	1/0AAAC	1211	1124	936	300	35	0	0	0.00	1.91	0
CO24893+	CO24892	8.08	12 3-	1/0AAAC	1199	1113	926	299	32	0	0	0.00	1.91	0
CO24894+	CO24893	8.39	11 3-	1/0AAAC	1168	1085	898	296	32	0	0	0.00	1.91	0
CO24895+	CO24894	8.42	10 3-	1/0AAAC	1165	1082	896	296	31	0	0	0.00	1.91	0
CO24356+	CO24895	8.44	10 3-	1/0AAAC	1162	1080	894	296	31	0	0	0.00	1.91	0
CO24357+	CO24356	8.95	8 3-	1/0AAAC	1116	1038	853	292	29	0	0	0.00	1.91	0
CO24978+	CO24357	9.07	8 3-	1/0AAAC	1105	1028	844	291	29	0	0	0.00	1.92	0

Substation Power Factor: 0.97

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24730+	CO24978	9.09	7 3-	1/0AAAC	1103	1026	842	290	27	0	0	0.00	1.92	0
CO24361+	CO24730	9.16	7 3-	1/0AAAC	1097	1020	837	290	27	0	0	0.00	1.92	0
CO24358+	CO24361	9.23	7 3-	1/0AAAC	1091	1015	832	289	27	0	0	0.00	1.92	0
CO24360+	CO24358	9.29	7 3-	1/0AAAC	1086	1010	828	289	27	0	0	0.00	1.92	0
CO24359+	CO24360	9.36	7 3-	1/0AAAC	1080	1005	822	288	27	0	0	0.00	1.92	0
CO24731+	CO24359	9.61	7 3-	1/0AAAC	1059	986	805	286	27	0	0	0.00	1.92	0
CO24732+	CO24731	10.02	6 3-	1/0AAAC	1026	956	778	283	27	0	0	0.00	1.92	0
CO23948+	CO24732	10.20	2 3-	1/0AAAC	1013	944	767	282	3	0	0	0.00	1.92	0
CO24819+	CO23948	10.20	2 3-	1/0AAAC	1013	944	766	282	3	0	0	0.00	1.92	0
SW717-B+	CO24819	10.20	2 3-	Closed	1013	944	766	282	3	0	0	0.00	1.92	0
SW717-A+	SW717-B	10.20	2 3-	Closed	1013	944	766	282	3	0	0	0.00	1.92	0
CO1637011177+	SW717-A	10.39	2 3-	2ACSR	994	927	751	280	3	0	0	0.00	1.92	0
CO1983661312+	CO1637011177	10.49	1 1-	2ACSR	0	0	744	279	2	0	0	0.00	1.92	0
CO-1724026121+	CO1637011177	10.56	1 3-	2ACSR	977	913	738	278	1	0	0	0.00	1.92	0
CO23949+	CO-1724026121	10.69	1 3-	336ACSR	971	907	733	277	1	0	0	0.00	1.92	0
CO24833+	CO23949	10.76	1 3-	336ACSR	968	904	730	277	1	0	0	0.00	1.92	0
SW718-B+	CO24833	10.76	0 3-	Open	968	904	730	277	0	0	0	0.00	1.92	0
CO24365+	CO24833	10.94	1 3-	336ACSR	960	896	723	276	1	0	0	0.00	1.92	0
CO24367+	CO24365	11.00	1 3-	336ACSR	957	894	721	276	1	0	0	0.00	1.92	0
CO24366+	CO24367	11.05	1 3-	336ACSR	955	891	719	276	1	0	0	0.00	1.92	0
CO24809+	CO24366	11.14	0 3-	336ACSR	951	888	716	276	0	0	0	0.00	1.92	0
SW719-B+	CO24809	11.14	0 3-	Open	951	888	716	276	0	0	0	0.00	1.92	0
CO24507+	CO24366	11.08	1 3-	4ACSR	952	889	717	276	1	0	0	0.00	1.92	0
CO24508+	CO24507	11.11	1 3-	4ACSR	948	885	714	275	1	0	0	0.00	1.92	0
CO24811+	CO24732	10.03	4 1-	4ACSR	0	0	777	283	24	1	1	0.00	1.92	0
OC734+	CO24811	10.03	4 1-	25 E OCR	0	0	777	283	24	1	7	0.00	1.92	0
CO24812+	OC734	10.14	4 1-	4ACSR	0	0	766	281	24	1	1	0.00	1.93	0
CO24362+	CO24812	10.30	4 1-	4ACSR	0	0	750	279	24	1	1	0.01	1.93	0
CO24363+	CO24362	10.44	4 1-	4ACSR	0	0	738	277	24	1	1	0.01	1.94	0
CO23951+	CO24363	10.54	0 1-	4ACSR	0	0	728	275	0	0	0	0.00	1.94	0
CO23950+	CO24363	10.57	4 1-	4ACSR	0	0	725	275	24	1	1	0.01	1.94	0
CO24364+	CO23950	11.00	3 1-	4ACSR	0	0	688	268	2	0	0	0.00	1.94	0
CO24733+	CO24364	11.02	3 1-	4ACSR	0	0	687	268	2	0	0	0.00	1.94	0
CO24734+	CO24733	11.10	1 1-	4ACSR	0	0	681	267	0	0	0	0.00	1.94	0
CO24112+	CO24734	11.17	1 1-	4ACSR	0	0	675	266	0	0	0	0.00	1.94	0
CO24509+	CO23950	10.64	1 1-	4ACSR	0	0	719	274	21	1	1	0.00	1.94	0
CO24510+	CO24509	10.79	0 1-	4ACSR	0	0	706	271	0	0	0	0.00	1.94	0
CO24740+	CO23890	7.73	23 3-	1/0ACSR	1238	1149	960	302	131	3	1	0.00	1.91	0
CO24741+	CO24740	7.80	22 3-	1/0ACSR	1231	1142	953	302	119	2	1	0.00	1.91	0
CO24035+	CO24741	7.89	2 1-	4ACSR	0	0	940	300	1	0	0	0.00	1.91	0
CO24034+	CO24741	7.85	1 1-	4ACSR	0	0	945	301	7	0	0	0.00	1.91	0
CO23884+	CO24741	7.94	19 3-	1/0ACSR	1214	1127	939	301	111	2	1	0.00	1.91	0
CO24462+	CO23884	8.04	1 1-	4ACSR	0	0	926	299	2	0	0	0.00	1.91	0
CO24463+	CO24462	8.10	1 1-	4ACSR	0	0	917	298	2	0	0	0.00	1.91	0
CO-1784271363+	CO23884	8.04	1 3-	1/0ACSR	1202	1116	929	300	2	0	0	0.00	1.91	0
CO-324558147+	CO-1784271363	8.19	1 3-	2ACSR	1183	1099	913	298	2	0	0	0.00	1.91	0
CO23885+	CO23884	7.99	17 1-	2/0ACSR	0	0	935	300	107	7	3	0.00	1.92	0
CO30565+	CO23885	8.00	17 1-	4ACSR	0	0	932	300	107	7	5	0.00	1.92	0
CO30566+	CO30565	8.11	17 1-	4ACSR	0	0	917	298	107	7	5	0.02	1.94	3
CO24033+	CO30566	8.15	1 1-	4ACSR	0	0	912	297	5	0	0	0.00	1.94	0
CO24032+	CO30566	8.13	1 1-	4ACSR	0	0	915	298	3	0	0	0.00	1.94	0
CO24822+	CO30566	8.12	15 1-	4ACSR	0	0	916	298	100	6	5	0.00	1.94	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC725+	CO24822	8.12	15 1-	50 H OCR	0	0	916	298	100	6	14	0.00	1.94	0
CO24823+	OC725	8.34	15 1-	4ACSR	0	0	887	294	100	6	5	0.04	1.98	6
CO23886+	CO24823	8.49	1 1-	4ACSR	0	0	869	292	7	0	0	0.00	1.98	0
CO24237+	CO23886	8.50	0 1-	4ACSR	0	0	867	291	0	0	0	0.00	1.98	0
CO24858+	CO24237	9.04	0 1-	4ACSR	0	0	805	283	0	0	0	0.00	1.98	0
CO24026+	CO23886	8.54	1 1-	4ACSR	0	0	862	291	7	0	0	0.00	1.98	0
CO24742+	CO24823	8.36	14 1-	4ACSR	0	0	886	294	93	6	5	0.00	1.98	0
CO24743+	CO24742	8.43	10 1-	4ACSR	0	0	876	293	86	5	4	0.01	1.99	0
CO24744+	CO24743	8.51	8 1-	4ACSR	0	0	866	291	54	3	3	0.01	1.99	0
CO24745+	CO24744	8.53	7 1-	4ACSR	0	0	863	291	54	3	3	0.00	1.99	0
CO24746+	CO24745	8.57	7 1-	4ACSR	0	0	858	290	54	3	3	0.00	2.00	0
CO24747+	CO24746	8.63	6 1-	4ACSR	0	0	851	289	54	3	3	0.00	2.00	0
CO24748+	CO24747	8.68	5 1-	4ACSR	0	0	846	289	43	2	2	0.00	2.01	0
CO24749+	CO24748	8.71	3 1-	4ACSR	0	0	842	288	25	1	1	0.00	2.01	0
CO24028+	CO24749	8.80	1 1-	4ACSR	0	0	832	287	7	0	0	0.00	2.01	0
CO24027+	CO24749	8.80	1 1-	4ACSR	0	0	831	286	9	0	0	0.00	2.01	0
CO24727+	CO23890	7.66	21 1-	4ACSR	0	0	967	303	130	9	6	0.00	1.91	0
CO24728+	CO24727	7.69	20 1-	4ACSR	0	0	962	302	130	9	6	0.01	1.92	0
CO24726+	CO24728	7.91	20 1-	4ACSR	0	0	932	299	130	9	6	0.04	1.96	8
CO24242+	CO24726	7.96	19 1-	4ACSR	0	0	924	298	110	7	5	0.01	1.97	0
CO24243+	CO24242	8.06	18 1-	4ACSR	0	0	910	296	98	6	5	0.01	1.98	0
CO24069+	CO24243	8.12	2 1-	2ACSR	0	0	904	295	19	1	1	0.00	1.98	0
CO24751+	CO24243	8.15	14 1-	4ACSR	0	0	899	294	54	3	3	0.01	1.99	0
CO24750+	CO24751	8.19	14 1-	4ACSR	0	0	893	294	54	3	3	0.00	1.99	0
CO24244+	CO24750	8.30	13 1-	4ACSR	0	0	880	292	53	3	3	0.01	2.00	0
CO24050+	CO24244	8.38	1 1-	4ACSR	0	0	869	291	2	0	0	0.00	2.00	0
CO23904+	CO24244	8.40	12 1-	4ACSR	0	0	866	290	51	3	3	0.01	2.01	0
CO24461+	CO23904	8.47	5 1-	4ACSR	0	0	858	289	1	0	0	0.00	2.01	0
CO24459+	CO24461	8.53	5 1-	4ACSR	0	0	851	288	1	0	0	0.00	2.01	0
CO24460+	CO24459	8.63	2 1-	4ACSR	0	0	839	287	0	0	0	0.00	2.01	0
CO-965483086+	CO24459	8.58	3 1-	2ACSR	0	0	845	288	1	0	0	0.00	2.01	0
CO23888+	CO23904	8.53	6 1-	4ACSR	0	0	851	288	39	2	2	0.01	2.02	0
CO24752+	CO23888	8.59	6 1-	4ACSR	0	0	843	287	39	2	2	0.00	2.02	0
CO24754+	CO24752	8.74	2 1-	4ACSR	0	0	826	285	21	1	1	0.00	2.02	0
CO24755+	CO24754	8.76	2 1-	4ACSR	0	0	823	284	21	1	1	0.00	2.03	0
CO24029+	CO24755	8.87	0 1-	4ACSR	0	0	811	283	0	0	0	0.00	2.03	0
CO23889+	CO24755	8.95	2 1-	4ACSR	0	0	802	282	21	1	1	0.01	2.03	0
CO24031+	CO23889	9.06	1 1-	4ACSR	0	0	790	280	11	0	1	0.00	2.03	0
CO1853826842+	CO24031	9.10	0 1-	2ACSR	0	0	787	279	0	0	0	0.00	2.03	0
CO24030+	CO23889	8.97	1 1-	4ACSR	0	0	800	281	10	0	1	0.00	2.03	0
CO24753+	CO24752	8.60	3 1-	4ACSR	0	0	842	287	4	0	0	0.00	2.02	0
CO23887+	CO23904	8.80	1 1-	4ACSR	0	0	818	284	11	0	1	0.00	2.01	0
CO23893+	CO23892	7.32	47 1-	4ACSR	0	0	994	304	265	18	13	0.03	1.92	12
XFMR64	CO23893	7.32	47 1-	333 KVA 1PH AUT	0	0	836	171	265	18	80	0.90	2.82	0
CO23894	XFMR64	7.38	47 1-	4ACSR	0	0	826	170	265	37	27	0.10	2.92	44
CO24046	CO23894	7.41	2 1-	4ACSR	0	0	820	170	17	2	2	0.00	2.92	0
CO24818	CO23894	7.38	45 1-	4ACSR	0	0	825	170	248	34	25	0.01	2.93	4
OC730	CO24818	7.38	45 1-	50 H OCR	0	0	825	170	248	34	70	0.00	2.93	0
CO24817	OC730	7.64	45 1-	4ACSR	0	0	780	167	248	34	25	0.42	3.35	167
CO24266	CO24817	7.73	1 1-	4/0ACSR	0	0	771	167	2	0	0	0.00	3.35	0
CO24268	CO24266	7.77	1 1-	4/0ACSR	0	0	766	167	2	0	0	0.00	3.35	0
CO24267	CO24268	7.86	0 1-	4/0ACSR	0	0	758	166	0	0	0	0.00	3.35	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24036	CO24268	7.88	0 1-	4ACSR	0	0	750	166	0	0	0	0.00	3.35	0
CO24241	CO24817	7.81	44 1-	4ACSR	0	0	753	165	244	34	25	0.26	3.61	105
CO24240	CO24241	7.84	44 1-	4ACSR	0	0	748	165	244	34	25	0.05	3.66	20
CO24037	CO24240	7.92	1 1-	4ACSR	0	0	735	164	17	2	2	0.00	3.66	0
CO24707	CO24240	7.88	43 1-	4ACSR	0	0	742	165	227	32	23	0.06	3.72	22
CO24708	CO24707	8.09	43 1-	4ACSR	0	0	709	162	227	32	23	0.31	4.03	116
CO24709	CO24708	8.13	43 1-	4ACSR	0	0	703	162	226	32	23	0.06	4.09	21
CO24710	CO24709	8.23	42 1-	4ACSR	0	0	688	161	219	31	22	0.15	4.24	54
CO24711	CO24710	8.25	42 1-	4ACSR	0	0	685	161	218	31	22	0.02	4.26	8
CO24712	CO24711	8.52	42 1-	4ACSR	0	0	647	158	218	31	22	0.40	4.66	142
CO24038	CO24712	8.66	1 1-	4ACSR	0	0	629	157	0	0	0	0.00	4.66	0
CO23895	CO24712	8.55	41 1-	4ACSR	0	0	643	158	218	31	22	0.04	4.70	15
CO24039	CO23895	8.72	0 1-	4ACSR	0	0	621	156	0	0	0	0.00	4.70	0
CO23896	CO23895	8.74	41 1-	4ACSR	0	0	619	156	218	31	22	0.26	4.97	95
CO24464	CO23896	8.76	1 1-	4ACSR	0	0	615	156	0	0	0	0.00	4.97	0
CO24465	CO24464	8.80	1 1-	4ACSR	0	0	611	156	0	0	0	0.00	4.97	0
CO23926	CO23896	9.01	40 1-	4ACSR	0	0	586	154	217	31	22	0.39	5.36	139
CO24040	CO23926	9.09	1 1-	4ACSR	0	0	577	153	0	0	0	0.00	5.36	0
CO23897	CO23926	9.74	38 1-	4ACSR	0	0	511	147	212	30	22	1.03	6.38	360
REG357	CO23897	9.74	38 1-	100	0	0	511	147	211	30	30	-6.38	0.00	0
CO23923	REG357	9.96	0 1-	4/0ACSR	0	0	501	147	0	0	0	0.00	0.00	0
CO23898	REG357	9.80	38 1-	4ACSR	0	0	506	147	211	28	21	0.08	0.08	25
CO24041	CO23898	9.85	1 1-	4ACSR	0	0	501	146	9	1	1	0.00	0.08	0
CO23899	CO23898	9.95	37 1-	4ACSR	0	0	492	146	201	27	20	0.19	0.27	60
CO24238	CO23899	9.96	34 1-	4ACSR	0	0	492	146	194	26	19	0.01	0.28	4
CO24239	CO24238	10.04	34 1-	4ACSR	0	0	485	145	194	26	19	0.09	0.37	27
CO23921	CO24239	10.28	0 1-	4/0ACSR	0	0	475	144	0	0	0	0.00	0.37	0
CO24869	CO24239	10.24	32 1-	4ACSR	0	0	468	143	176	24	17	0.23	0.60	64
CO24713	CO24869	10.52	32 1-	4ACSR	0	0	447	141	176	24	17	0.31	0.91	87
CO24198	CO24713	10.59	31 1-	4ACSR	0	0	442	141	174	24	17	0.08	0.99	21
CO24714	CO24198	10.62	29 1-	4ACSR	0	0	440	140	158	21	16	0.03	1.02	7
CO24715	CO24714	10.72	29 1-	4ACSR	0	0	433	140	158	21	16	0.10	1.12	26
CO24003	CO24715	10.78	1 1-	4ACSR	0	0	429	139	4	0	0	0.00	1.12	0
CO23870	CO24715	10.76	28 1-	4ACSR	0	0	430	139	153	21	15	0.03	1.15	8
CO24005	CO23870	10.88	0 1-	4ACSR	0	0	422	138	0	0	0	0.00	1.15	0
CO23871	CO23870	10.86	28 1-	4ACSR	0	0	423	139	153	21	15	0.11	1.26	26
CO24225	CO23871	10.99	0 1-	4ACSR	0	0	415	138	0	0	0	0.00	1.26	0
CO24226	CO24225	11.22	0 1-	4ACSR	0	0	401	136	0	0	0	0.00	1.26	0
CO23869	CO23871	11.04	28 1-	4ACSR	0	0	412	137	153	21	15	0.17	1.44	43
CO24006	CO23869	11.07	1 1-	4ACSR	0	0	410	137	14	1	1	0.00	1.44	0
CO23872	CO23869	11.09	27 1-	4ACSR	0	0	409	137	139	19	14	0.04	1.48	10
CO24223	CO23872	11.26	1 1-	4ACSR	0	0	398	136	3	0	0	0.00	1.48	0
CO24224	CO24223	11.32	1 1-	4ACSR	0	0	395	135	3	0	0	0.00	1.48	0
CO24201	CO23872	11.15	26 1-	4ACSR	0	0	405	136	135	18	13	0.05	1.53	10
CO24199	CO24201	11.26	25 1-	4ACSR	0	0	399	136	132	18	13	0.10	1.62	20
CO1492077296	CO24199	11.34	1 1-	2ACSR	0	0	395	135	10	1	1	0.00	1.63	0
CO24200	CO24199	11.35	24 1-	4ACSR	0	0	393	135	122	16	12	0.07	1.70	14
CO24007	CO24200	11.38	1 1-	4ACSR	0	0	391	135	4	0	0	0.00	1.70	0
CO23873	CO24200	11.47	23 1-	4ACSR	0	0	386	134	119	16	12	0.09	1.79	17
CO24826	CO23873	11.48	22 1-	4ACSR	0	0	386	134	118	16	12	0.01	1.79	0
OC729	CO24826	11.48	22 1-	25 H OCR	0	0	386	134	118	16	66	0.00	1.79	0
CO24827	OC729	11.70	22 1-	4ACSR	0	0	374	133	118	16	12	0.17	1.96	32

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24229	CO24827	11.75	1 1-	4ACSR	0	0	372	132	14	1	1	0.00	1.97	0
CO24227	CO24229	11.88	1 1-	4ACSR	0	0	365	131	14	1	1	0.01	1.98	0
CO24228	CO24227	11.92	1 1-	4ACSR	0	0	363	131	14	1	1	0.00	1.98	0
CO24204	CO24827	11.72	21 1-	4ACSR	0	0	373	132	104	14	10	0.01	1.97	0
CO24202	CO24204	11.99	21 1-	4ACSR	0	0	360	131	104	14	10	0.18	2.15	30
CO24716	CO24202	12.31	20 1-	2ACSR	0	0	348	129	103	14	8	0.14	2.30	22
CO1067505392	CO24716	12.48	18 1-	2ACSR	0	0	342	128	94	13	7	0.07	2.37	10
CO24717	CO1067505392	12.65	18 1-	4ACSR	0	0	335	127	94	13	9	0.10	2.47	15
CO24203	CO24717	13.20	17 1-	4ACSR	0	0	313	124	87	12	9	0.31	2.78	43
CO24718	CO24203	13.38	15 1-	4ACSR	0	0	306	123	82	11	8	0.09	2.87	12
CO24872	CO24718	13.48	14 1-	4ACSR	0	0	303	122	74	10	7	0.04	2.91	5
CO24719	CO24872	13.54	13 1-	4ACSR	0	0	301	122	65	9	7	0.02	2.94	3
CO23983	CO24719	13.61	1 1-	4ACSR	0	0	298	122	11	1	1	0.00	2.94	0
CO24158	CO24719	13.74	12 1-	4ACSR	0	0	294	121	54	7	5	0.07	3.01	6
CO24720	CO24158	13.78	10 1-	4ACSR	0	0	292	121	47	6	5	0.01	3.02	0
CO24721	CO24720	13.91	8 1-	4ACSR	0	0	288	120	27	3	3	0.02	3.04	0
CO24157	CO24721	14.00	8 1-	4ACSR	0	0	285	119	27	3	3	0.01	3.06	0
CO23982	CO24157	14.11	0 1-	4ACSR	0	0	282	119	0	0	0	0.00	3.06	0
CO24166	CO24157	14.02	7 1-	4ACSR	0	0	285	119	22	3	2	0.00	3.06	0
CO24167	CO24166	14.05	6 1-	4ACSR	0	0	284	119	17	2	2	0.00	3.06	0
CO24722	CO24167	14.06	6 1-	4ACSR	0	0	283	119	17	2	2	0.00	3.06	0
CO24723	CO24722	14.15	5 1-	4ACSR	0	0	281	119	17	2	2	0.01	3.07	0
CO24724	CO24723	14.20	4 1-	4ACSR	0	0	279	118	7	1	1	0.00	3.07	0
CO24725	CO24724	14.28	3 1-	4ACSR	0	0	277	118	0	0	0	0.00	3.07	0
CO24002	CO24158	13.82	1 1-	2ACSR	0	0	291	120	7	0	1	0.00	3.01	0
CO24009	CO24203	13.37	1 1-	4ACSR	0	0	306	123	4	0	0	0.00	2.78	0
CO-1918465395	CO24716	12.36	1 1-	2ACSR	0	0	346	129	1	0	0	0.00	2.30	0
CO24025	CO24202	12.04	1 1-	4ACSR	0	0	357	130	0	0	0	0.00	2.15	0
CO24008	CO23873	11.55	1 1-	4ACSR	0	0	382	134	0	0	0	0.00	1.79	0
CO24004	CO24713	10.58	1 1-	4ACSR	0	0	442	141	2	0	0	0.00	0.91	0
CO23922	CO23899	10.21	1 1-	4/0ACSR	0	0	481	145	0	0	0	0.00	0.27	0
CO24705+	CO23900	7.19	2 1-	4ACSR	0	0	1008	305	2	0	0	0.00	1.88	0
CO24706+	CO24705	7.29	1 1-	4ACSR	0	0	993	304	0	0	0	0.00	1.88	0
CO24779+	CO23919	7.06	22 1-	1/0PRIURD	0	0	1021	599	157	10	7	0.00	1.88	0
CO24780+	CO24779	7.10	18 1-	1/0PRIURD	0	0	1018	598	130	8	6	0.00	1.88	0
CO24781+	CO24780	7.13	16 1-	1/0PRIURD	0	0	1014	597	114	7	5	0.00	1.88	0
CO24947+	CO24781	7.20	12 1-	1/0PRIURD	0	0	1006	594	86	5	4	0.00	1.89	0
CO24886+	CO24947	7.22	11 1-	1/0PRIURD	0	0	1004	593	76	5	3	0.00	1.89	0
CO24887+	CO24886	7.26	9 1-	1/0PRIURD	0	0	1000	592	59	4	3	0.00	1.89	0
CO24888+	CO24887	7.32	8 1-	1/0PRIURD	0	0	994	589	52	3	2	0.00	1.89	0
CO24889+	CO24888	7.36	4 1-	1/0PRIURD	0	0	990	588	29	2	1	0.00	1.89	0
CO24890+	CO24889	7.39	3 1-	1/0PRIURD	0	0	987	587	18	1	1	0.00	1.89	0
CO24777+	CO23920	6.98	18 1-	1/0PRIURD	0	0	1029	602	124	8	6	0.00	1.87	0
CO24778+	CO24777	7.02	14 1-	1/0PRIURD	0	0	1025	600	100	6	5	0.00	1.87	0
CO24776+	CO24778	7.05	11 1-	1/0PRIURD	0	0	1021	599	80	5	4	0.00	1.87	0
CO24775+	CO24776	7.09	6 1-	1/0PRIURD	0	0	1017	598	48	3	2	0.00	1.87	0
CO24774+	CO24775	7.12	3 1-	1/0PRIURD	0	0	1014	596	21	1	1	0.00	1.87	0
CO24047+	CO23901	6.99	9 1-	4ACSR	0	0	1024	306	15	1	1	0.00	1.86	0
CO-17306848+	CO24047	7.03	1 1-	2ACSR	0	0	1018	306	1	0	0	0.00	1.86	0
CO24055+	CO23906	6.43	0 1-	4ACSR	0	0	1080	309	0	0	0	0.00	1.80	0
CO24815+	CO23906	6.38	7 1-	4ACSR	0	0	1090	310	34	2	2	0.00	1.80	0
OC720+	CO24815	6.38	7 1-	10 N FUSE	0	0	1090	310	34	2	24	0.00	1.80	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24816+	OC720	6.53	7 1-	4ACSR	0	0	1063	308	34	2	2	0.01	1.81	0
CO24468+	CO24816	6.58	1 1-	4ACSR	0	0	1055	307	0	0	0	0.00	1.81	0
CO24469+	CO24468	6.63	1 1-	4ACSR	0	0	1045	306	0	0	0	0.00	1.81	0
CO24251+	CO24816	6.62	6 1-	4ACSR	0	0	1046	306	34	2	2	0.01	1.81	0
CO24255+	CO24251	6.67	5 1-	4ACSR	0	0	1038	305	26	1	1	0.00	1.81	0
CO24252+	CO24255	6.75	3 1-	4ACSR	0	0	1025	304	18	1	1	0.00	1.82	0
CO24254+	CO24252	6.82	2 1-	4ACSR	0	0	1013	302	18	1	1	0.00	1.82	0
CO24253+	CO24254	6.86	1 1-	4ACSR	0	0	1006	302	13	0	1	0.00	1.82	0
CO24064+	CO24251	6.66	1 1-	4ACSR	0	0	1040	305	8	0	0	0.00	1.81	0
CO24702+	CO24256	5.24	5 1-	4ACSR	0	0	1239	318	28	1	1	0.00	1.56	0
CO24703+	CO24702	5.27	4 1-	4ACSR	0	0	1232	317	23	1	1	0.00	1.57	0
CO24250+	CO24703	5.65	4 1-	4ACSR	0	0	1147	310	23	1	1	0.01	1.58	0
CO24466+	CO24250	5.68	1 1-	4ACSR	0	0	1141	310	2	0	0	0.00	1.58	0
CO24467+	CO24466	5.70	1 1-	4ACSR	0	0	1136	309	2	0	0	0.00	1.58	0
CO24246+	CO24250	5.71	2 1-	4ACSR	0	0	1135	309	15	1	1	0.00	1.58	0
CO24249+	CO24246	5.85	2 1-	4ACSR	0	0	1107	307	15	1	1	0.00	1.58	0
CO24247+	CO24249	5.90	1 1-	4ACSR	0	0	1097	306	6	0	0	0.00	1.58	0
CO24248+	CO24247	5.91	1 1-	4ACSR	0	0	1095	306	6	0	0	0.00	1.58	0
CO24058+	CO23912	4.90	1 1-	4ACSR	0	0	1303	322	4	0	0	0.00	1.49	0
CO24501+	CO23937	3.80	2 1-	4ACSR	0	0	1542	333	4	0	0	0.00	1.22	0
CO24502+	CO24501	3.86	1 1-	4ACSR	0	0	1523	331	0	0	0	0.00	1.22	0
CO24874+	CO24854	1.31	2 1-	4ACSR	0	0	2321	350	4	0	0	0.00	0.29	0
CO24529+	CO24874	1.76	2 1-	4ACSR	0	0	2040	340	4	0	0	0.00	0.29	0
CO24528+	CO24529	1.86	1 1-	4ACSR	0	0	1983	338	0	0	0	0.00	0.29	0
CO24387+	CO24528	2.22	0 1-	4ACSR	0	0	1790	330	0	0	0	0.00	0.29	0
CO24876+	CO24387	2.24	0 1-	4ACSR	0	0	1782	330	0	0	0	0.00	0.29	0
CO24875+	CO24876	2.24	0 1-	4ACSR	0	0	1779	330	0	0	0	0.00	0.29	0
CO24853+	CO24372	0.39	10 1-	4ACSR	0	0	2749	354	36	2	2	0.00	0.08	0
CO24516+	CO24853	0.63	10 1-	4ACSR	0	0	2542	349	36	2	2	0.01	0.09	0
CO24855+	CO24516	0.70	9 1-	2/0ACSR	0	0	2499	348	29	1	1	0.00	0.09	0
CO24512+	CO24372	0.37	2 3-	2ACSR	2818	2806	2763	355	60	1	1	0.00	0.08	0
CO24611+	CO24512	0.43	2 3-	2ACSR	2787	2772	2715	354	60	1	1	0.00	0.08	0
CO24612+	CO24611	0.44	1 3-	2ACSR	2785	2770	2713	354	6	0	0	0.00	0.08	0
CO24511+	CO24612	0.45	1 3-	2ACSR	2778	2762	2703	354	6	0	0	0.00	0.08	0
CO24831+	CO24829	0.02	8 3-	750 MCM - 42 Wi	2963	2978	2988	357	6633	158	14	0.00	0.01	10
Industrial Park+	CO24831	0.02	8 3-	560 200WVE	2963	2978	2988	357	6633	158	28	0.00	0.01	0
CO24373+	Industrial Park	0.04	8 3-	336ACSR	2951	2959	2969	357	6633	158	30	0.02	0.03	132
CO24376+	CO24373	0.11	8 3-	336ACSR	2927	2931	2931	357	6632	158	30	0.04	0.07	275
CO-980555440+	CO24376	0.14	8 3-	2ACSR	2908	2910	2901	356	6631	158	88	0.08	0.14	814
CO440868335+	CO-980555440	0.21	7 3-	2ACSR	2873	2871	2844	355	3079	73	41	0.07	0.21	335
SW11-A+	CO440868335	0.21	7 3-	Closed	2873	2871	2844	355	3077	73	0	0.00	0.21	0
SW11-B+	SW11-A	0.21	7 3-	Closed	2873	2871	2844	355	3077	73	0	0.00	0.21	0
CO-554407469+	SW11-B	0.29	7 3-	2ACSR	2833	2827	2783	354	3077	73	41	0.07	0.29	366
CA1278358740+	CO-554407469	0.29	0 3-	Capacitor	2833	2827	2783	354	0	-14	0	0.00	0.29	0
CO24739+	CO-554407469	0.38	6 3-	336ACSR	2799	2787	2733	354	3075	79	15	0.04	0.32	104
CO23954+	CO24739	0.42	6 3-	336ACSR	2783	2768	2709	353	3074	79	15	0.02	0.34	51
CO24791+	CO23954	0.47	4 3-	1/0PRIURD	2779	2757	2679	880	2858	74	49	0.02	0.36	102
190209101+	CO24791	0.47	1 3-	Consumer	2779	2757	2679	880	605	15	0	0.00	0.36	0
190209100+	CO24791	0.47	1 3-	Consumer	2779	2757	2679	880	885	22	0	0.00	0.36	0
CO24736+	CO23954	0.45	2 3-	336ACSR	2772	2756	2693	353	216	5	1	0.00	0.34	0
CO24737+	CO24736	0.48	2 3-	336ACSR	2761	2742	2676	353	216	5	1	0.00	0.34	0

Substation Power Factor: 0.97
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24368+	CO24737	0.54	1 3-	336ACSR	2741	2719	2647	353	63	1	0	0.00	0.34	0
CO24835+	CO24368	0.58	0 3-	336ACSR	2729	2705	2630	353	0	0	0	0.00	0.34	0
CO24834+	CO24835	0.59	0 3-	336ACSR	2725	2701	2625	353	0	0	0	0.00	0.34	0
SW718-A+	CO24834	0.59	0 3-	Open	2725	2701	2625	353	0	0	0	0.00	0.34	0
CO30660+	CO24368	0.62	1 1-	1/0PRIURD	0	0	2598	874	63	4	3	0.01	0.35	0
CO30661+	CO30660	0.67	1 1-	1/0PRIURD	0	0	2572	870	63	4	3	0.00	0.35	0
CO24821+	CO24737	0.52	1 3-	1/0PRIURD	2758	2735	2655	879	153	3	3	0.00	0.34	0
CO23952+	CO24739	0.45	0 3-	336ACSR	2773	2756	2694	353	0	0	0	0.00	0.32	0
CO23953+	CO23952	0.48	0 3-	336ACSR	2761	2743	2677	353	0	0	0	0.00	0.32	0
CO24792+	CO23953	0.53	0 3-	1/0PRIURD	2758	2734	2653	879	0	0	0	0.00	0.32	0
CO24966+	CO23952	0.59	0 3-	1/0PRIURD	2763	2727	2614	872	0	0	0	0.00	0.32	0
CO-1366423321+	CO-98055440	0.19	1 3-	2ACSR	2884	2884	2863	356	3549	85	47	0.05	0.20	305
CO24377+	CO-1366423321	0.20	1 3-	336ACSR	2880	2879	2856	356	3547	85	16	0.00	0.20	15
CO24738+	CO24377	0.21	1 3-	336ACSR	2878	2876	2853	356	3547	85	16	0.00	0.20	8
CO24378+	CO24738	0.35	1 3-	1/0PRIURD	2869	2848	2763	888	3547	85	57	0.09	0.29	594
CO24953+	CO24378	0.40	0 3-	1/0PRIURD	2865	2836	2731	883	0	0	0	0.00	0.29	0
CO24793+	CO24378	0.43	1 3-	1/0PRIURD	2863	2830	2714	881	3544	85	57	0.05	0.34	334
CAP374+	CO24793	0.43	0 3-	Capacitor	2863	2830	2714	881	0	-14	0	0.00	0.34	0
190209103+	CO24793	0.43	1 3-	Consumer	2863	2830	2714	881	3543	92	0	0.00	0.34	0
CO24830+	CO24829	0.01	57 3-	750 MCM - 42 Wi	2964	2979	2988	357	1597	37	3	0.00	0.00	0
Maysville Ckt+	CO24830	0.01	57 3-	560 200WVE	2964	2979	2988	357	1597	37	7	0.00	0.00	0
CO24832+	Maysville Ckt	0.04	57 3-	336ACSR	2954	2966	2974	357	1597	37	7	0.00	0.01	6
CO24527+	CO24832	0.13	57 3-	336ACSR	2918	2921	2917	357	1597	37	7	0.01	0.02	23
CO24520+	CO24527	0.23	57 3-	336ACSR	2880	2876	2858	356	1597	37	7	0.02	0.04	25
CO24856+	CO24520	0.29	1 1-	2ACSR	0	0	2812	355	41	3	2	0.00	0.04	0
CO24521+	CO24520	0.30	56 3-	336ACSR	2854	2847	2819	356	1556	36	7	0.01	0.05	16
CO24522+	CO24521	0.33	56 3-	336ACSR	2841	2832	2800	356	1556	36	7	0.01	0.05	8
CO24135+	CO24522	0.40	56 3-	336ACSR	2818	2805	2765	356	1556	36	7	0.01	0.06	15
CO24136+	CO24135	0.55	52 3-	336ACSR	2764	2744	2685	355	1513	35	7	0.02	0.08	33
CO24137+	CO24136	0.57	51 3-	336ACSR	2755	2734	2672	355	1493	34	7	0.00	0.09	6
CO-1630480590+	CO24137	0.62	20 3-	2ACSR	2732	2708	2638	354	282	7	4	0.00	0.09	2
CO1143696211+	CO-1630480590	0.66	0 3-	1/0PRIURD	2730	2700	2613	883	0	0	0	0.00	0.09	0
CO-1527998077+	CO-1630480590	0.66	20 3-	2ACSR	2710	2684	2605	353	282	7	4	0.00	0.10	2
CO1476734394+	CO-1527998077	0.69	20 1-	1/0PRIURD	0	0	2589	879	282	22	15	0.01	0.10	3
CO555880834+	CO1476734394	0.74	17 1-	1/0PRIURD	0	0	2561	876	235	18	13	0.01	0.11	3
CO1728838745+	CO555880834	0.76	2 1-	1/0PRIURD	0	0	2553	874	44	3	2	0.00	0.11	0
CO1498486379+	CO555880834	0.77	10 1-	1/0PRIURD	0	0	2543	873	131	10	7	0.00	0.12	0
CO1258449298+	CO1498486379	0.79	10 1-	1/0PRIURD	0	0	2535	872	131	10	7	0.00	0.12	0
CO-296429122+	CO1258449298	0.82	10 1-	1/0PRIURD	0	0	2526	869	131	10	7	0.00	0.12	0
CO1804891826+	CO-296429122	0.84	6 1-	1/0PRIURD	0	0	2518	868	68	5	4	0.00	0.12	0
CO-819797655+	CO1498486379	0.82	0 1-	1/0PRIURD	0	0	2514	869	0	0	0	0.00	0.12	0
CO-276659867+	CO24137	0.60	31 3-	2ACSR	2741	2718	2651	354	1211	27	15	0.01	0.10	20
CO-96057921+	CO-276659867	0.68	31 3-	2ACSR	2704	2677	2596	353	1211	27	15	0.03	0.13	54
CO24138+	CO-96057921	0.75	31 3-	336ACSR	2680	2649	2562	353	1211	27	5	0.01	0.13	10
CO24139+	CO24138	0.79	31 3-	336ACSR	2666	2633	2542	353	1211	27	5	0.00	0.14	6
CO23958+	CO24139	0.80	31 3-	1/0AAAC	2664	2631	2539	353	1211	27	11	0.00	0.14	0
CA71+	CO23958	0.80	0 3-	Capacitor	2664	2631	2539	353	0	-10	0	0.00	0.14	0
CO30683+	CO23958	0.84	31 3-	1/0AAAC	2646	2611	2513	352	1211	32	13	0.01	0.15	28
CO23955+	CO30683	0.91	17 1-	4ACSR	0	0	2464	351	265	21	15	0.03	0.18	15
CO24140+	CO23955	0.97	7 1-	4ACSR	0	0	2421	349	79	6	5	0.00	0.19	0
CO24523+	CO24140	1.03	2 1-	4ACSR	0	0	2378	348	6	0	0	0.00	0.19	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO24524+	CO24523	1.12	1 1-	4ACSR	0	0	2311	346	0	0	0	0.00	0.19	0
CO23956+	CO23955	0.92	8 1-	4ACSR	0	0	2454	350	148	11	9	0.00	0.19	0
CO24141+	CO23956	0.96	6 1-	4ACSR	0	0	2429	349	117	9	7	0.01	0.20	0
CO24115+	CO24141	1.01	2 1-	4ACSR	0	0	2395	348	59	4	3	0.00	0.20	0
CO24525+	CO24141	1.04	2 1-	4ACSR	0	0	2370	348	41	3	2	0.01	0.20	0
CO24526+	CO24525	1.05	2 1-	4ACSR	0	0	2361	347	41	3	2	0.00	0.20	0
CO23957+	CO23956	1.20	2 1-	4ACSR	0	0	2260	344	31	2	2	0.02	0.20	0
CO24142+	CO23957	1.35	1 1-	4ACSR	0	0	2157	341	31	2	2	0.01	0.21	0
CO24143+	CO24142	1.48	1 1-	4ACSR	0	0	2072	338	31	2	2	0.01	0.22	0
CO24144+	CO24143	1.61	1 1-	4ACSR	0	0	1994	335	31	2	2	0.01	0.23	0
CO24145+	CO24144	1.71	1 1-	4ACSR	0	0	1932	333	31	2	2	0.01	0.24	0
CO24146+	CO24145	1.99	1 1-	4ACSR	0	0	1779	328	31	2	2	0.02	0.25	0
CO24147+	CO24146	2.01	1 1-	4ACSR	0	0	1767	327	31	2	2	0.00	0.25	0
CO24114+	CO23957	1.28	1 1-	4ACSR	0	0	2204	342	0	0	0	0.00	0.20	0
CO170561368+	CO30683	0.90	14 3-	2ACSR	2620	2582	2476	351	945	25	14	0.02	0.17	33
CO-1630019527+	CO170561368	1.01	14 3-	2ACSR	2570	2525	2406	350	945	25	14	0.04	0.21	63
CO24380+	CO-1630019527	1.10	8 3-	1/0AAAC	2535	2486	2358	349	511	13	5	0.01	0.22	10
CO24379+	CO24380	1.32	8 3-	1/0AAAC	2454	2396	2249	346	511	13	5	0.03	0.25	24
CO24382+	CO24379	1.34	6 1-	4ACSR	0	0	2237	346	91	7	5	0.00	0.25	0
CO24381+	CO24382	1.37	6 1-	4ACSR	0	0	2218	345	91	7	5	0.00	0.26	0
CO24119+	CO24381	1.40	1 1-	4ACSR	0	0	2195	344	2	0	0	0.00	0.26	0
CO24530+	CO24381	1.39	5 1-	4ACSR	0	0	2206	345	88	7	5	0.00	0.26	0
CO24531+	CO24530	1.44	4 1-	4ACSR	0	0	2173	344	63	5	4	0.01	0.27	0
CO24385+	CO24531	1.58	1 1-	4ACSR	0	0	2084	341	36	2	2	0.00	0.27	0
CO24386+	CO24385	1.60	0 1-	4ACSR	0	0	2069	340	0	0	0	0.00	0.27	0
CO24383+	CO24531	1.60	3 1-	4ACSR	0	0	2071	340	27	2	2	0.01	0.27	0
CO24384+	CO24383	1.70	1 1-	4ACSR	0	0	2015	338	11	0	1	0.00	0.28	0
CO24118+	CO24384	1.73	0 1-	4ACSR	0	0	1995	337	0	0	0	0.00	0.28	0
CO24117+	CO24384	1.77	1 1-	4ACSR	0	0	1970	336	11	0	1	0.00	0.28	0
CO24514+	CO24379	1.42	1 3-	1/0AAAC	2421	2359	2205	345	419	11	4	0.01	0.26	7
CO24513+	CO24514	1.50	1 3-	1/0AAAC	2392	2326	2167	344	419	11	4	0.01	0.27	6
CO24116+	CO24513	1.55	1 3-	1/0PRIURD	2387	2322	2156	817	419	11	7	0.00	0.27	3
200102020+	CO24116	1.55	1 3-	Consumer	2387	2322	2156	817	419	11	0	0.00	0.27	0
CO24388+	CO-1630019527	1.05	6 3-	1/0AAAC	2554	2507	2384	349	434	11	5	0.00	0.21	3
CO24389+	CO24388	1.09	5 3-	1/0AAAC	2539	2490	2363	349	385	10	4	0.00	0.22	2
CO24390+	CO24389	1.28	2 3-	1/0AAAC	2467	2410	2266	347	233	6	2	0.01	0.23	4
CO24391+	CO24390	1.33	2 3-	1/0AAAC	2450	2391	2244	346	233	6	2	0.00	0.23	0
CO24120+	CO24391	1.36	1 3-	1/0PRIURD	2448	2389	2235	830	231	6	4	0.00	0.23	0
CO24515+	CO24389	1.11	3 3-	1/0AAAC	2530	2480	2351	348	152	4	2	0.00	0.22	0
CO24609+	CO24515	1.12	2 3-	1/0AAAC	2528	2478	2348	348	138	3	1	0.00	0.22	0
CO24610+	CO24609	1.12	1 3-	1/0AAAC	2526	2476	2345	348	86	2	1	0.00	0.22	0
CO24794+	CO30683	1.06	0 1-	4ACSR	0	0	2359	347	0	0	0	0.00	0.15	0
CO24392+	CO24794	1.28	0 1-	4ACSR	0	0	2202	342	0	0	0	0.00	0.15	0
CO24840+	CO24392	1.57	0 1-	4ACSR	0	0	2016	336	0	0	0	0.00	0.15	0
CO24841+	CO24840	1.58	0 1-	4ACSR	0	0	2010	336	0	0	0	0.00	0.15	0
CO24796+	CO24794	1.10	0 1-	4ACSR	0	0	2330	346	0	0	0	0.00	0.15	0
CO24795+	CO24796	1.10	0 1-	4ACSR	0	0	2325	346	0	0	0	0.00	0.15	0
CO24810+	CO24522	0.36	0 3-	336ACSR	2831	2820	2785	356	0	0	0	0.00	0.05	0
SW719-A+	CO24810	0.36	0 3-	Open	2831	2820	2785	356	0	0	0	0.00	0.05	0

Title: FLEMING - MASON ENERGY COOPERATIVE - KENTUCKY 52 FLEMING - FLEMINGSBURG, KENTUCKY
 Case: 2008-2009 CONSTRUCTION WORK PLAN - FUTURE WINTER 2008-09 SYSTEM AFTER IMPROVEMENTS
 Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS

SUB	0	total losses:		\$25,250										

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0	MURPHYSVILLE		2023		3394	3521	3548	357	10839					
CO29531+	MURPHYSVILLE	0.00	2023 3-	750 MCM - 42 Wi	3392	3518	3545	357	10839	243	21	0.00	0.00	11
CO29532+	CO29531	0.01	2023 3-	750 MCM - 42 Wi	3391	3516	3542	357	10838	243	21	0.00	0.00	11
CO29536+	CO29532	0.02	401 3-	750 MCM - 42 Wi	3385	3508	3533	357	2629	59	5	0.00	0.00	0
Weaver Rd+	CO29536	0.02	401 3-	560 200WVE	3385	3508	3533	357	2629	59	11	0.00	0.00	0
CO29467+	Weaver Rd	0.03	401 3-	336ACSR	3380	3500	3524	357	2629	59	11	0.00	0.01	6
CO29468+	CO29467	0.09	401 3-	336ACSR	3349	3450	3472	357	2629	59	11	0.01	0.02	38
CO29469+	CO29468	0.26	401 3-	336ACSR	3263	3321	3331	356	2628	59	11	0.04	0.05	107
CO29435+	CO29469	0.32	398 3-	336ACSR	3232	3276	3282	356	2607	59	11	0.01	0.07	39
CO29436+	CO29435	0.65	392 3-	336ACSR	3079	3063	3044	354	2566	58	11	0.07	0.13	199
CO29449+	CO29436	0.70	1 1-	4ACSR	0	0	2996	353	2	0	0	0.00	0.13	0
CO29437+	CO29436	0.75	391 3-	336ACSR	3033	3008	2977	354	2563	58	11	0.02	0.16	62
CO29438+	CO29437	0.90	390 3-	336ACSR	2972	2938	2887	353	2559	58	11	0.03	0.19	87
CO1147271442+	CO29438	0.94	7 1-	2ACSR	0	0	2852	353	65	4	2	0.00	0.19	0
CO132460504+	CO1147271442	1.01	1 1-	2ACSR	0	0	2787	352	8	0	0	0.00	0.19	0
CO1693830204+	CO1147271442	1.15	6 1-	2ACSR	0	0	2676	349	57	3	2	0.01	0.20	0
CO29478+	CO1693830204	1.17	4 1-	4ACSR	0	0	2651	349	35	2	2	0.00	0.20	0
CO29479+	CO29478	1.21	3 1-	4ACSR	0	0	2623	348	23	1	1	0.00	0.20	0
CO29480+	CO29479	1.23	2 1-	4ACSR	0	0	2601	348	19	1	1	0.00	0.20	0
CO29481+	CO29480	1.30	1 1-	4ACSR	0	0	2538	346	9	0	0	0.00	0.20	0
CO29458+	CO29481	1.35	1 1-	2ACSR	0	0	2503	345	9	0	0	0.00	0.20	0
CO29476+	CO1693830204	1.19	2 1-	4ACSR	0	0	2633	348	22	1	1	0.00	0.20	0
CO29477+	CO29476	1.24	1 1-	4ACSR	0	0	2591	347	10	0	0	0.00	0.20	0
CO29482+	CO29438	0.93	383 3-	336ACSR	2961	2925	2871	353	2493	56	11	0.01	0.19	15
CO29483+	CO29482	0.95	383 3-	336ACSR	2953	2915	2858	353	2493	56	11	0.00	0.19	12
CO30475+	CO29483	1.06	383 3-	336ACSR	2905	2861	2789	353	2493	56	11	0.02	0.22	68
CO29198+	CO30475	1.20	0 1-	4ACSR	0	0	2671	350	0	0	0	0.00	0.22	0
CO29248+	CO30475	1.44	2 1-	6ACWC	0	0	2456	344	15	0	1	0.01	0.22	0
CO30476+	CO29248	1.59	1 1-	6ACWC	0	0	2339	341	5	0	0	0.00	0.22	0
CO29243+	CO30475	1.13	381 3-	336ACSR	2878	2830	2751	352	2478	56	11	0.01	0.23	39
CO29247+	CO29243	1.19	380 3-	336ACSR	2856	2805	2720	352	2472	56	11	0.01	0.24	32
CO29185+	CO29247	1.51	380 3-	336ACSR	2739	2675	2560	351	2472	56	11	0.06	0.31	177
CO29184+	CO29185	1.68	355 3-	336ACSR	2679	2608	2479	350	2275	51	10	0.03	0.34	83
CO29239+	CO29184	1.78	3 1-	4ACSR	0	0	2402	348	11	0	1	0.00	0.34	0
CO29201+	CO29239	1.80	1 1-	4ACSR	0	0	2386	347	0	0	0	0.00	0.34	0
CO29240+	CO29239	1.82	2 1-	4ACSR	0	0	2377	347	11	0	1	0.00	0.34	0
CO29187+	CO29184	1.84	352 3-	336ACSR	2626	2549	2409	349	2264	51	10	0.03	0.37	75
CO29197+	CO29187	1.88	1 1-	4ACSR	0	0	2381	348	1	0	0	0.00	0.37	0
CO29237+	CO29187	1.93	350 3-	336 MCM ACSR 30	2596	2517	2371	349	2252	51	10	0.02	0.38	44
CO29203+	CO29237	2.01	1 1-	2ACSR	0	0	2321	348	12	0	0	0.00	0.38	0
CO29238+	CO29237	2.05	349 3-	336 MCM ACSR 30	2560	2477	2324	348	2239	51	10	0.02	0.40	55
CO29200+	CO29238	2.12	1 1-	4ACSR	0	0	2277	347	11	0	1	0.00	0.41	0
CO29196+	CO29238	2.12	2 1-	4ACSR	0	0	2275	347	9	0	0	0.00	0.41	0
CO29188+	CO29238	2.18	346 3-	336ACSR	2518	2432	2272	348	2219	50	10	0.02	0.43	62
CO29307+	CO29188	2.25	344 3-	336ACSR	2500	2412	2249	347	2210	50	10	0.01	0.44	28
CO29233+	CO29307	2.44	343 3-	336ACSR	2443	2351	2178	347	2210	50	10	0.03	0.48	88
CO29181+	CO29233	2.63	343 3-	336ACSR	2391	2295	2115	346	2209	50	10	0.03	0.51	84
CO29229+	CO29181	2.67	2 1-	4ACSR	0	0	2092	345	16	1	1	0.00	0.51	0
CO29230+	CO29229	2.74	1 1-	4ACSR	0	0	2050	343	7	0	0	0.00	0.51	0
CO29190+	CO29229	2.70	1 1-	4ACSR	0	0	2074	344	10	0	0	0.00	0.51	0
CO29227+	CO29181	2.80	341 3-	336ACSR	2344	2245	2058	345	2193	50	10	0.03	0.54	78

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29228+	CO29227	3.00	340 3-	336ACSR	2292	2191	1998	344	2189	49	10	0.04	0.58	89
CO29182+	CO29228	3.20	338 3-	336ACSR	2243	2138	1940	343	2186	49	10	0.04	0.61	89
CO29305+	CO29182	3.69	1 1-	4ACSR	0	0	1716	333	5	0	0	0.00	0.61	0
CO29306+	CO29305	3.74	0 1-	4ACSR	0	0	1693	332	0	0	0	0.00	0.61	0
CO29223+	CO29182	3.42	337 3-	336ACSR	2191	2084	1881	342	2181	49	10	0.04	0.65	97
CO29224+	CO29223	3.44	336 3-	336ACSR	2186	2079	1876	342	2171	49	10	0.00	0.65	8
CO29222+	CO29224	3.49	336 3-	336ACSR	2175	2067	1862	342	2171	49	10	0.01	0.66	23
CO29221+	CO29222	3.55	336 3-	336ACSR	2162	2054	1848	342	2171	49	10	0.01	0.67	24
CO29220+	CO29221	3.64	335 3-	336ACSR	2142	2033	1825	341	2160	49	10	0.02	0.69	40
CO29301+	CO29220	3.65	1 1-	6ACWC	0	0	1822	341	4	0	0	0.00	0.69	0
OC909+	CO29301	3.65	1 1-	10 N FUSE	0	0	1822	341	4	0	3	0.00	0.69	0
CO29302+	OC909	3.72	1 1-	6ACWC	0	0	1791	340	4	0	0	0.00	0.69	0
CO29219+	CO29302	4.07	0 1-	6ACWC	0	0	1647	332	0	0	0	0.00	0.69	0
CO29217+	CO29220	3.70	334 3-	336ACSR	2128	2019	1810	341	2156	49	9	0.01	0.70	27
CO29218+	CO29217	3.79	334 3-	336ACSR	2109	1999	1789	341	2156	49	9	0.02	0.71	38
CO29180+	CO29218	3.98	330 3-	336ACSR	2068	1957	1744	340	2149	49	9	0.03	0.75	84
CO29210+	CO29180	4.01	4 1-	4ACSR	0	0	1733	339	10	0	0	0.00	0.75	0
CO29211+	CO29210	4.25	3 1-	4ACSR	0	0	1639	334	4	0	0	0.00	0.75	0
CO29209+	CO29211	4.30	1 1-	4ACSR	0	0	1622	333	2	0	0	0.00	0.75	0
CO29207+	CO29180	4.22	325 3-	336ACSR	2020	1907	1692	339	2135	48	9	0.04	0.79	102
CO29208+	CO29207	4.34	325 3-	336ACSR	1996	1883	1666	338	2134	48	9	0.02	0.81	51
CO30472+	CO29208	4.52	322 3-	336ACSR	1963	1850	1631	337	2111	48	9	0.03	0.84	72
CO26580+	CO30472	4.69	2 1-	1/0CU	0	0	1593	336	10	0	0	0.00	0.84	0
CO26655+	CO30472	4.61	320 3-	336ACSR	1946	1832	1613	337	2101	48	9	0.02	0.86	39
CO26656+	CO26655	4.62	320 3-	336ACSR	1945	1831	1611	337	2100	48	9	0.00	0.86	3
CO26656+	CO26656	4.73	314 3-	336ACSR	1925	1811	1591	336	2079	47	9	0.02	0.88	43
CO26650+	CO26656	4.77	314 3-	336ACSR	1917	1803	1583	336	2079	47	9	0.01	0.88	18
CO26651+	CO26650	4.93	312 3-	336ACSR	1891	1776	1555	335	2076	47	9	0.03	0.91	61
CO26645+	CO26651	5.03	308 3-	336ACSR	1873	1758	1537	335	2046	46	9	0.02	0.93	39
CO26646+	CO26645	5.27	308 3-	336ACSR	1833	1717	1495	334	2046	46	9	0.04	0.97	96
CO26755+	CO26646	5.28	26 1-	4ACSR	0	0	1493	334	126	8	6	0.00	0.97	0
OC822+	CO26755	5.28	26 1-	50 L OCR	0	0	1493	334	126	8	0	0.00	0.97	0
CO26756+	OC822	5.31	26 1-	4ACSR	0	0	1484	333	126	8	6	0.01	0.97	0
CO26657+	CO26756	5.32	26 1-	4ACSR	0	0	1480	333	126	8	6	0.00	0.98	0
CO26658+	CO26657	5.35	24 1-	4ACSR	0	0	1471	332	117	7	6	0.01	0.98	0
XFMR76	CO26658	5.35	24 1-	333 KVA 1PH AUT	0	0	955	174	117	7	34	0.21	1.20	0
CO26659	XFMR76	5.48	24 1-	4ACSR	0	0	928	173	117	15	11	0.09	1.28	16
CO26660	CO26659	5.63	23 1-	4ACSR	0	0	898	171	107	14	10	0.10	1.38	17
CO26664	CO26660	5.75	22 1-	4ACSR	0	0	873	170	97	13	9	0.07	1.45	11
CO26665	CO26664	5.76	22 1-	4ACSR	0	0	871	170	97	13	9	0.01	1.46	0
CO26668	CO26665	5.79	21 1-	2ACSR	0	0	866	170	96	13	7	0.01	1.47	0
CO240497020	CO26668	5.84	1 1-	2ACSR	0	0	857	169	1	0	0	0.00	1.47	0
CO-1266905875	CO26668	5.85	19 1-	2ACSR	0	0	855	169	91	12	7	0.02	1.49	3
CO26669	CO-1266905875	5.93	19 1-	4ACSR	0	0	839	168	91	12	9	0.04	1.54	7
CO26670	CO26669	5.98	19 1-	4ACSR	0	0	830	168	91	12	9	0.03	1.56	4
CO26671	CO26670	6.16	19 1-	4ACSR	0	0	796	166	91	12	9	0.10	1.66	15
CO26581	CO26671	6.22	1 1-	4ACSR	0	0	786	165	5	0	0	0.00	1.66	0
CO26566	CO26671	6.32	8 1-	4ACSR	0	0	767	164	43	5	4	0.04	1.71	3
CO26688	CO26566	6.41	8 1-	4ACSR	0	0	751	163	43	5	4	0.02	1.73	0
CO26689	CO26688	6.62	7 1-	4ACSR	0	0	717	161	40	5	4	0.05	1.78	3
CO876229020	CO26689	6.66	1 1-	2ACSR	0	0	711	161	12	1	1	0.00	1.78	0
CO26690	CO26689	6.66	6 1-	4ACSR	0	0	711	161	28	3	3	0.01	1.78	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26752	CO26690	6.70	5 1-	4ACSR	0	0	704	160	18	2	2	0.00	1.79	0
CO26691	CO26752	6.74	4 1-	4ACSR	0	0	697	160	7	0	1	0.00	1.79	0
CO26692	CO26691	6.87	3 1-	4ACSR	0	0	678	159	6	0	1	0.00	1.79	0
CO26705	CO26692	7.11	3 1-	4ACSR	0	0	644	157	6	0	1	0.01	1.80	0
CO26605	CO26705	7.16	0 1-	2ACSR	0	0	638	156	0	0	0	0.00	1.80	0
CO26706	CO26705	7.17	3 1-	4ACSR	0	0	636	156	6	0	1	0.00	1.80	0
CO26571	CO26706	7.20	3 1-	4ACSR	0	0	631	156	6	0	1	0.00	1.81	0
CO-1342125465	CO26571	7.39	1 1-	2ACSR	0	0	611	154	3	0	0	0.00	1.81	0
CO26600	CO26571	7.27	1 1-	4ACSR	0	0	623	155	4	0	0	0.00	1.81	0
CO26693	CO26571	7.27	1 1-	4ACSR	0	0	622	155	0	0	0	0.00	1.81	0
CO26694	CO26693	7.42	0 1-	4ACSR	0	0	603	154	0	0	0	0.00	1.81	0
CO30570	CO26694	7.46	0 1-	4ACSR	0	0	598	153	0	0	0	0.00	1.81	0
CO30568	CO30570	7.51	0 1-	4ACSR	0	0	593	153	0	0	0	0.00	1.81	0
CO26586	CO26706	7.21	0 1-	4ACSR	0	0	631	156	0	0	0	0.00	1.80	0
CO26684	CO26566	6.46	0 1-	4ACSR	0	0	743	163	0	0	0	0.00	1.71	0
CO26685	CO26684	6.89	0 1-	4ACSR	0	0	675	159	0	0	0	0.00	1.71	0
CO26686	CO26685	6.91	0 1-	4ACSR	0	0	672	158	0	0	0	0.00	1.71	0
CO26687	CO26686	6.97	0 1-	4ACSR	0	0	663	158	0	0	0	0.00	1.71	0
CO26672	CO26671	6.35	10 1-	4ACSR	0	0	761	164	42	5	4	0.04	1.70	3
CO26673	CO26672	6.42	9 1-	4ACSR	0	0	750	163	29	3	3	0.01	1.72	0
CO26764	CO26673	6.74	9 1-	4ACSR	0	0	697	160	29	3	3	0.06	1.77	3
CO26567	CO26764	7.01	3 1-	4ACSR	0	0	657	157	11	1	1	0.02	1.79	0
CO26582	CO26567	7.25	1 1-	4ACSR	0	0	625	155	0	0	0	0.00	1.79	0
CO26570	CO26567	7.34	2 1-	4ACSR	0	0	613	154	10	1	1	0.02	1.81	0
CO26676	CO26570	7.44	1 1-	4ACSR	0	0	600	154	0	0	0	0.00	1.81	0
CO26677	CO26676	7.62	1 1-	4ACSR	0	0	580	152	0	0	0	0.00	1.81	0
CO26678	CO26677	7.73	1 1-	4ACSR	0	0	566	151	0	0	0	0.00	1.81	0
CO26679	CO26678	8.04	1 1-	4ACSR	0	0	534	148	0	0	0	0.00	1.81	0
CO26568	CO26570	7.86	1 1-	4ACSR	0	0	552	150	10	1	1	0.02	1.82	0
CO26674	CO26764	6.83	6 1-	4ACSR	0	0	684	159	18	2	2	0.01	1.78	0
CO26675	CO26674	7.10	6 1-	4ACSR	0	0	645	157	18	2	2	0.03	1.81	0
CO26680	CO26675	7.12	4 1-	4ACSR	0	0	643	156	15	2	1	0.00	1.81	0
CO26584	CO26680	7.20	1 1-	4ACSR	0	0	632	156	3	0	0	0.00	1.81	0
CO26681	CO26680	7.14	3 1-	4ACSR	0	0	640	156	12	1	1	0.00	1.81	0
CO26682	CO26675	7.47	2 1-	4ACSR	0	0	597	153	3	0	0	0.01	1.82	0
CO26683	CO26682	7.55	1 1-	4ACSR	0	0	588	153	3	0	0	0.00	1.82	0
CO26608	CO26682	7.53	1 1-	2ACSR	0	0	591	153	0	0	0	0.00	1.82	0
CO26666	CO26665	5.88	0 1-	4ACSR	0	0	847	169	0	0	0	0.00	1.46	0
CO26667	CO26666	5.99	0 1-	1/0PRIURD	0	0	832	379	0	0	0	0.00	1.46	0
CO26661	CO26660	5.68	1 1-	4ACSR	0	0	886	171	11	1	1	0.00	1.38	0
CO26662	CO26661	5.82	0 1-	4ACSR	0	0	858	169	0	0	0	0.00	1.38	0
CO26663	CO26662	5.87	0 1-	4ACSR	0	0	848	169	0	0	0	0.00	1.38	0
CO26618+	CO26646	5.28	0 3-	1/0ACSR	1830	1715	1493	334	0	0	0	0.00	0.97	0
CO26619+	CO26618	5.39	0 3-	1/0ACSR	1806	1690	1468	333	0	0	0	0.00	0.97	0
CO26754+	CO26619	5.39	0 3-	1/0ACSR	1804	1688	1466	333	0	0	0	0.00	0.97	0
CO26623+	CO26646	5.29	282 3-	336ACSR	1829	1714	1492	334	1920	44	8	0.00	0.97	7
CO-1268480205+	CO26623	5.33	1 1-	2ACSR	0	0	1481	333	7	0	0	0.00	0.97	0
CO26583+	CO26623	5.40	1 1-	4ACSR	0	0	1460	332	3	0	0	0.00	0.97	0
CO26624+	CO26623	5.37	278 3-	336ACSR	1816	1700	1478	333	1894	43	8	0.01	0.98	28
CO26625+	CO26624	5.40	275 3-	336ACSR	1812	1697	1474	333	1875	43	8	0.00	0.99	8
CO26626+	CO26625	5.47	275 3-	336ACSR	1801	1685	1463	333	1875	43	8	0.01	1.00	24
CO26627+	CO26626	5.72	274 3-	336ACSR	1762	1646	1423	332	1871	42	8	0.04	1.04	83

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26628+	CO26627	5.75	274 3-	336ACSR	1757	1641	1418	332	1871	42	8	0.01	1.04	11
CO26629+	CO26628	5.81	274 3-	336ACSR	1748	1633	1410	331	1871	42	8	0.01	1.05	19
CO26630+	CO26629	5.86	274 3-	336ACSR	1742	1626	1403	331	1871	42	8	0.01	1.06	15
CO26631+	CO26630	5.91	274 3-	336ACSR	1734	1619	1396	331	1871	42	8	0.01	1.07	17
CO26632+	CO26631	5.94	273 3-	336ACSR	1729	1614	1391	331	1850	42	8	0.01	1.07	11
CO26633+	CO26632	6.00	273 3-	336ACSR	1721	1605	1382	331	1850	42	8	0.01	1.08	19
CO26634+	CO26633	6.13	273 3-	336ACSR	1703	1587	1364	330	1849	42	8	0.02	1.10	40
CO26635+	CO26634	6.25	273 3-	336ACSR	1685	1570	1347	329	1849	42	8	0.02	1.12	40
CO26636+	CO26635	6.31	273 3-	336ACSR	1678	1563	1340	329	1849	42	8	0.01	1.13	17
CO26637+	CO26636	6.39	273 3-	336ACSR	1667	1552	1329	329	1849	42	8	0.01	1.14	26
CO-1044384885+	CO26637	6.44	1 1-	2ACSR	0	0	1318	328	0	0	0	0.00	1.14	0
CO1851840723+	CO-1044384885	6.49	1 1-	2ACSR	0	0	1309	327	0	0	0	0.00	1.14	0
CO-689689077+	CO1851840723	6.55	1 1-	2ACSR	0	0	1295	326	0	0	0	0.00	1.14	0
CO203042550+	CO-689689077	6.62	1 1-	2ACSR	0	0	1281	325	0	0	0	0.00	1.14	0
CO26638+	CO26637	6.43	272 3-	336ACSR	1662	1547	1324	329	1849	42	8	0.01	1.14	12
CO26639+	CO26638	6.48	272 3-	336ACSR	1655	1540	1317	328	1849	42	8	0.01	1.15	17
CO26640+	CO26639	6.55	272 3-	336ACSR	1645	1530	1308	328	1849	42	8	0.01	1.16	23
CO26641+	CO26640	6.61	272 3-	336ACSR	1638	1523	1301	328	1849	42	8	0.01	1.17	18
CO26642+	CO26641	6.66	272 3-	336ACSR	1630	1516	1294	328	1849	42	8	0.01	1.18	18
CO26643+	CO26642	6.73	272 3-	336ACSR	1622	1508	1286	327	1848	42	8	0.01	1.19	20
CO26644+	CO26643	6.79	272 3-	336ACSR	1615	1500	1279	327	1848	42	8	0.01	1.20	20
CO30382+	CO26644	7.05	272 3-	336ACSR	1582	1468	1247	326	1848	42	8	0.04	1.24	85
CO26156+	CO30382	7.10	0 1-	1/0ACSR	0	0	1239	325	0	0	0	0.00	1.24	0
CO26243+	CO30382	7.17	272 3-	336ACSR	1567	1453	1233	325	1848	42	8	0.02	1.26	39
CO26244+	CO26243	7.25	272 3-	336ACSR	1558	1445	1225	325	1848	42	8	0.01	1.27	24
CO26242+	CO26244	7.40	272 3-	336ACSR	1540	1427	1207	324	1848	42	8	0.02	1.29	51
CO26241+	CO26242	7.49	272 3-	336ACSR	1530	1417	1198	324	1847	42	8	0.01	1.31	28
CO26191+	CO26241	7.55	1 1-	2ACSR	0	0	1188	323	4	0	0	0.00	1.31	0
CO26240+	CO26241	7.52	271 3-	336ACSR	1526	1413	1194	324	1843	42	8	0.01	1.31	11
CO26239+	CO26240	7.76	270 3-	336ACSR	1500	1387	1170	323	1843	42	8	0.04	1.35	76
CO26228+	CO26239	7.78	3 3-	336ACSR	1497	1385	1168	322	21	0	0	0.00	1.35	0
CO26229+	CO26228	7.83	3 3-	336ACSR	1492	1380	1163	322	21	0	0	0.00	1.35	0
CO26226+	CO26229	7.88	3 2-	4ACSR	0	1369	1154	321	21	0	1	0.00	1.35	0
CO26227+	CO26226	7.95	2 2-	4ACSR	0	1352	1140	320	20	0	0	0.00	1.35	0
CO26225+	CO26227	7.99	2 2-	4ACSR	0	1346	1133	319	20	0	0	0.00	1.35	0
CO26324+	CO26229	7.84	0 3-	1/0ACSR	1491	1379	1162	322	0	0	0	0.00	1.35	0
SW178-A+	CO26324	7.84	0 3-	Open	1491	1379	1162	322	0	0	0	0.00	1.35	0
CO26230+	CO26239	7.78	267 3-	4/0ACSR	1498	1385	1168	322	1822	41	12	0.00	1.35	8
CO26231+	CO26230	7.92	264 3-	4/0ACSR	1479	1367	1151	322	1818	41	12	0.03	1.38	71
CO26232+	CO26231	8.07	264 3-	4/0ACSR	1459	1348	1133	321	1817	41	12	0.03	1.42	78
CO26326+	CO26232	8.08	2 1-	4/0ACSR	0	0	1132	321	8	0	0	0.00	1.42	0
OC802+	CO26326	8.08	2 1-	10 N FUSE	0	0	1132	321	8	0	5	0.00	1.42	0
CO26327+	OC802	8.10	2 1-	4/0ACSR	0	0	1129	320	8	0	0	0.00	1.42	0
CO26233+	CO26327	8.34	1 1-	4/0ACSR	0	0	1104	319	3	0	0	0.00	1.42	0
CO26234+	CO26233	8.37	1 1-	4/0ACSR	0	0	1100	319	3	0	0	0.00	1.42	0
CO26235+	CO26234	8.64	1 1-	4/0ACSR	0	0	1072	317	3	0	0	0.00	1.42	0
CO26236+	CO26235	9.09	0 1-	4/0ACSR	0	0	1028	314	0	0	0	0.00	1.42	0
CO26237+	CO26236	9.23	0 1-	4/0ACSR	0	0	1015	313	0	0	0	0.00	1.42	0
CO26238+	CO26237	9.33	0 1-	4/0ACSR	0	0	1006	313	0	0	0	0.00	1.42	0
CO26322+	CO26232	8.08	262 3-	4/0ACSR	1458	1347	1132	321	1809	41	12	0.00	1.42	4
CO26323+	CO26322	8.22	262 3-	4/0ACSR	1441	1330	1116	320	1809	41	12	0.03	1.45	69
CO26158+	CO26323	8.26	1 1-	1/0CU	0	0	1112	319	8	0	0	0.00	1.45	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26131+	CO26323	8.32	261 3-	4/0ACSR	1428	1317	1105	319	1801	41	12	0.02	1.47	52
CO26245+	CO26131	8.43	259 3-	4/0ACSR	1414	1304	1093	318	1795	41	12	0.02	1.49	54
CO26246+	CO26245	8.52	259 3-	4/0ACSR	1404	1294	1084	318	1794	41	12	0.02	1.51	43
CO26250+	CO26246	8.56	254 3-	4/0ACSR	1400	1290	1080	318	1769	40	12	0.01	1.52	17
CO26251+	CO26250	8.78	254 3-	4/0ACSR	1374	1265	1057	316	1769	40	12	0.05	1.57	107
CO26160+	CO26251	8.82	1 1-	1/0CU	0	0	1053	316	7	0	0	0.00	1.57	0
CO26252+	CO26251	8.83	253 3-	4/0ACSR	1368	1260	1052	316	1762	40	12	0.01	1.58	23
CO26253+	CO26252	8.92	252 3-	4/0ACSR	1358	1250	1044	315	1751	40	12	0.02	1.60	42
CO26194+	CO26253	8.97	1 1-	2ACSR	0	0	1037	315	8	0	0	0.00	1.60	0
CO26254+	CO26253	8.98	250 3-	4/0ACSR	1351	1243	1037	315	1742	40	12	0.01	1.61	30
CO26132+	CO26254	9.05	248 3-	4/0ACSR	1344	1236	1031	315	1736	40	12	0.01	1.62	30
CO26348+	CO26132	9.29	247 3-	4/0ACSR	1318	1213	1008	313	1724	39	12	0.05	1.67	113
CO26255+	CO26348	9.33	0 1-	4/0ACSR	0	0	1005	313	0	0	0	0.00	1.67	0
CO30578+	CO26255	9.38	0 1-	4/0ACSR	0	0	1001	312	0	0	0	0.00	1.67	0
CO26256+	CO30578	9.42	0 1-	4/0ACSR	0	0	997	312	0	0	0	0.00	1.67	0
CO26257+	CO26348	9.38	247 3-	4/0ACSR	1309	1205	1000	312	1723	39	12	0.02	1.69	39
CO26258+	CO26257	9.49	247 3-	4/0ACSR	1298	1195	991	312	1723	39	12	0.02	1.71	48
CO26140+	CO26258	9.78	186 3-	1/0ACSR	1263	1163	961	309	1418	32	14	0.09	1.80	181
SW810-A+	CO26140	9.78	0 3-	Open	1263	1163	961	309	0	0	0	0.00	1.80	0
CO26331+	CO26140	9.78	184 3-	1/0CU	1262	1163	960	309	1407	32	11	0.00	1.80	3
CO26330+	CO26331	10.17	184 3-	1/0CU	1225	1129	929	306	1407	32	11	0.08	1.88	151
CO26181+	CO26330	10.31	1 1-	4ACSR	0	0	912	304	8	0	0	0.00	1.88	0
OC600411457+	CO26181	10.31	0 1-	20 N FUSE	0	0	912	304	0	0	0	0.00	1.88	0
CO26150+	CO26330	10.31	183 3-	1/0CU	1213	1118	918	305	1398	32	10	0.03	1.91	50
CO26182+	CO26150	10.42	1 1-	4ACSR	0	0	904	303	20	1	1	0.00	1.91	0
OC289630355+	CO26182	10.42	0 1-	20 N FUSE	0	0	904	303	0	0	0	0.00	1.91	0
CO26149+	CO26150	10.40	182 3-	1/0CU	1205	1110	911	305	1377	32	10	0.02	1.93	35
CO26334+	CO26149	10.41	5 1-	4ACSR	0	0	910	305	29	2	1	0.00	1.93	0
OC796+	CO26334	10.41	5 1-	10 N FUSE	0	0	910	305	29	2	21	0.00	1.93	0
CO26335+	OC796	10.57	5 1-	4ACSR	0	0	890	302	29	2	1	0.01	1.93	0
CO-523696628+	CO26335	10.61	3 1-	2ACSR	0	0	887	301	20	1	1	0.00	1.93	0
CO-782934895+	CO-523696628	10.70	2 1-	2ACSR	0	0	878	300	18	1	1	0.00	1.94	0
CO-1593521788+	CO-523696628	10.64	1 1-	2ACSR	0	0	884	301	2	0	0	0.00	1.93	0
CO26303+	CO-1593521788	10.78	1 1-	4ACSR	0	0	867	298	2	0	0	0.00	1.93	0
CO26304+	CO26303	11.01	0 1-	4ACSR	0	0	841	295	0	0	0	0.00	1.93	0
CO26183+	CO26335	10.64	1 1-	4ACSR	0	0	883	301	3	0	0	0.00	1.93	0
CO26148+	CO26149	10.94	177 3-	1/0CU	1159	1068	872	301	1347	31	10	0.10	2.03	191
OC-533345056+	CO26148	10.94	177 3-	20 N FUSE	1159	1068	872	301	1347	31	157	0.00	2.03	0
CO26147+	OC-533345056	11.08	170 3-	1/0CU	1148	1058	863	300	1274	29	10	0.02	2.06	43
FD-533345056+	CO26147	11.08	170 3-	_DefaultBayEqui	1148	1058	863	300	1274	29	0	0.00	2.06	0
CO26179+	FD-533345056	11.14	1 1-	4ACSR	0	0	856	299	3	0	0	0.00	2.06	0
OC-2083373828+	CO26179	11.14	0 1-	20 N FUSE	0	0	856	299	0	0	0	0.00	2.06	0
CO26305+	FD-533345056	11.16	3 1-	4ACSR	0	0	854	299	9	0	0	0.00	2.06	0
OC1841024741+	CO26305	11.16	2 1-	20 N FUSE	0	0	854	299	9	0	3	0.00	2.06	0
CO26180+	OC1841024741	11.22	1 1-	4ACSR	0	0	848	298	8	0	0	0.00	2.06	0
CO26306+	OC1841024741	11.33	1 1-	4ACSR	0	0	835	296	1	0	0	0.00	2.06	0
CO26308+	FD-533345056	11.28	166 3-	1/0CU	1132	1044	850	299	1262	29	9	0.04	2.09	60
CO26307+	CO26308	11.46	166 3-	1/0CU	1118	1030	837	298	1261	29	9	0.03	2.12	59
CO26146+	CO26307	11.54	165 3-	1/0CU	1112	1025	833	297	1261	29	9	0.01	2.14	23
CO26343+	CO26146	11.55	23 1-	4ACSR	0	0	832	297	189	13	9	0.00	2.14	0
OC795+	CO26343	11.55	23 1-	25 H OCR	0	0	832	297	189	13	53	0.00	2.14	0
CO26344+	OC795	11.65	23 1-	4ACSR	0	0	821	295	189	13	9	0.03	2.17	10

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26190+	CO26344	11.70	1 1-	4ACSR	0	0	816	295	12	0	1	0.00	2.17	0
CO26311+	CO26344	11.69	22 1-	4ACSR	0	0	817	295	177	12	9	0.01	2.18	3
CO26312+	CO26311	12.05	21 1-	4ACSR	0	0	781	289	169	11	8	0.10	2.28	26
CO26313+	CO26312	12.18	20 1-	4ACSR	0	0	769	287	160	11	8	0.03	2.31	9
CO30606+	CO26313	12.35	18 1-	4ACSR	0	0	753	284	149	10	7	0.04	2.35	10
CO16547+	CO30606	12.38	18 1-	4ACSR	0	0	751	283	149	10	7	0.01	2.36	0
CO16548+	CO16547	12.49	17 1-	4ACSR	0	0	741	282	146	10	7	0.03	2.39	6
CO16549+	CO16548	12.56	17 1-	4ACSR	0	0	734	281	145	10	7	0.02	2.40	4
CO16539+	CO16549	12.63	1 1-	4ACSR	0	0	728	280	29	1	1	0.00	2.41	0
CO1220081503+	CO16539	12.69	0 1-	1/0PRIURD	0	0	725	488	0	0	0	0.00	2.41	0
CO16502+	CO16549	12.96	16 1-	4ACSR	0	0	701	275	117	8	6	0.07	2.48	14
CO391983760+	CO16502	13.10	4 1-	4ACSR	0	0	689	273	12	0	1	0.00	2.48	0
OC1840980965+	CO391983760	13.10	4 1-	20 N FUSE	0	0	689	273	12	0	4	0.00	2.48	0
CO94789687+	OC1840980965	13.30	4 1-	4ACSR	0	0	673	270	12	0	1	0.00	2.49	0
CO30607+	CO94789687	13.45	4 1-	4ACSR	0	0	662	268	12	0	1	0.00	2.49	0
CO26318+	CO30607	13.48	4 1-	4ACSR	0	0	660	267	12	0	1	0.00	2.49	0
CO30609+	CO26318	14.07	1 1-	4ACSR	0	0	619	259	1	0	0	0.00	2.49	0
CO15899+	CO30609	14.12	0 1-	4ACSR	0	0	615	258	0	0	0	0.00	2.49	0
CO30608+	CO26318	13.62	1 1-	4ACSR	0	0	650	265	8	0	0	0.00	2.49	0
CO26177+	CO26318	13.64	1 1-	4ACSR	0	0	648	265	0	0	0	0.00	2.49	0
CO26317+	CO26318	13.56	1 1-	4ACSR	0	0	654	266	3	0	0	0.00	2.49	0
CO26316+	CO26317	13.65	1 1-	4ACSR	0	0	647	265	3	0	0	0.00	2.49	0
CO26176+	CO26316	13.74	1 1-	4ACSR	0	0	641	263	3	0	0	0.00	2.49	0
CO-979807252+	OC1840980965	13.12	0 1-	4ACSR	0	0	688	272	0	0	0	0.00	2.48	0
CO16550+	CO16502	13.47	12 1-	4ACSR	0	0	660	267	104	7	5	0.09	2.57	15
OC-198714742+	CO16550	13.47	12 1-	20 N FUSE	0	0	660	267	104	7	37	0.00	2.57	0
CO16551+	OC-198714742	13.56	12 1-	4ACSR	0	0	654	266	104	7	5	0.01	2.58	2
CO16552+	CO16551	13.65	11 1-	4ACSR	0	0	647	265	100	7	5	0.01	2.60	2
CO16555+	CO16552	13.73	9 1-	4ACSR	0	0	642	264	80	5	4	0.01	2.61	0
CO16556+	CO16555	14.18	9 1-	4ACSR	0	0	611	258	80	5	4	0.05	2.66	7
CO16557+	CO16556	14.28	7 1-	4ACSR	0	0	605	256	66	4	3	0.01	2.67	0
OC-358348579+	CO16557	14.28	7 1-	20 N FUSE	0	0	605	256	66	4	23	0.00	2.67	0
CO16501+	OC-358348579	14.76	6 1-	4ACSR	0	0	575	250	57	4	3	0.04	2.71	4
CO16558+	CO16501	14.90	5 1-	4ACSR	0	0	567	248	34	2	2	0.01	2.72	0
CO16559+	CO16558	14.95	4 1-	4ACSR	0	0	564	248	34	2	2	0.00	2.72	0
CO16562+	CO16559	15.04	2 1-	4ACSR	0	0	559	247	13	0	1	0.00	2.73	0
CO16563+	CO16562	15.12	2 1-	4ACSR	0	0	555	246	13	0	1	0.00	2.73	0
CO16560+	CO16563	15.20	2 1-	4ACSR	0	0	550	245	13	0	1	0.00	2.73	0
CO16561+	CO16560	15.33	1 1-	4ACSR	0	0	543	243	13	0	1	0.00	2.73	0
CO55267156+	CO16561	15.44	0 1-	2ACSR	0	0	538	242	0	0	0	0.00	2.73	0
CO-727243518+	CO55267156	15.46	0 1-	2ACSR	0	0	538	242	0	0	0	0.00	2.73	0
CO-470025806+	CO55267156	15.47	0 1-	2ACSR	0	0	537	242	0	0	0	0.00	2.73	0
CO16541+	CO16501	14.83	1 1-	4ACSR	0	0	571	249	23	1	1	0.00	2.72	0
CO16540+	OC-358348579	14.35	1 1-	4ACSR	0	0	600	255	9	0	0	0.00	2.67	0
CO16554+	CO16552	13.74	1 1-	4ACSR	0	0	641	263	8	0	0	0.00	2.60	0
CO16553+	CO16552	13.70	1 1-	4ACSR	0	0	644	264	12	0	1	0.00	2.60	0
CO26314+	CO26313	12.32	2 1-	4ACSR	0	0	756	284	11	0	1	0.00	2.31	0
CO26315+	CO26314	12.39	1 1-	4ACSR	0	0	749	283	1	0	0	0.00	2.31	0
CO26310+	CO26146	11.61	141 3-	1/0CU	1107	1020	828	297	1065	24	8	0.01	2.15	15
CO26309+	CO26310	11.83	141 3-	1/0CU	1090	1005	815	295	1065	24	8	0.03	2.18	49
CO26145+	CO26309	11.96	139 3-	1/0CU	1081	996	807	295	1039	24	8	0.02	2.20	28
CO30364+	CO26145	12.19	105 3-	1/0CU	1065	982	793	293	843	19	6	0.03	2.23	32

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO25787+	CO30364	12.26	105 3-	1/0CU	1060	978	790	293	843	19	6	0.01	2.24	9
CO25785+	CO25787	12.28	4 1-	4ACSR	0	0	787	292	22	1	1	0.00	2.24	0
CO25786+	CO25785	12.38	2 1-	4ACSR	0	0	778	291	15	1	1	0.00	2.24	0
OC-1777860144+	CO25786	12.38	1 1-	20 N FUSE	0	0	778	291	0	0	0	0.00	2.24	0
CO25783+	OC-1777860144	12.43	1 1-	4ACSR	0	0	774	290	0	0	0	0.00	2.24	0
CO25784+	CO25783	12.48	1 1-	4ACSR	0	0	769	289	0	0	0	0.00	2.24	0
CO25695+	CO25787	12.58	101 3-	1/0CU	1038	957	771	291	822	19	6	0.04	2.28	43
CO25718+	CO25695	12.67	1 1-	4ACSR	0	0	764	289	17	1	1	0.00	2.28	0
OC2125740921+	CO25718	12.67	0 1-	20 N FUSE	0	0	764	289	0	0	0	0.00	2.28	0
CO25782+	CO25695	12.66	99 3-	1/0CU	1033	953	767	290	797	18	6	0.01	2.28	9
CO25781+	CO25782	12.77	99 3-	1/0CU	1026	946	761	290	797	18	6	0.01	2.30	14
CO25716+	CO25781	12.91	1 1-	4ACSR	0	0	749	287	11	0	1	0.00	2.30	0
OC-2141006351+	CO25716	12.91	0 1-	20 N FUSE	0	0	749	287	0	0	0	0.00	2.30	0
CO25694+	CO25781	12.87	98 3-	1/0CU	1020	941	756	289	786	18	6	0.01	2.31	11
CO25715+	CO25694	12.92	2 1-	4ACSR	0	0	751	288	20	1	1	0.00	2.31	0
OC877402098+	CO25715	12.92	0 1-	20 N FUSE	0	0	751	288	0	0	0	0.00	2.31	0
CO25780+	CO25694	12.93	96 3-	1/0CU	1016	937	753	289	766	17	6	0.01	2.31	7
CO25779+	CO25780	12.96	96 3-	1/0CU	1014	935	751	288	766	17	6	0.00	2.32	4
CO25714+	CO25779	13.01	1 1-	4ACSR	0	0	747	288	10	0	0	0.00	2.32	0
OC-1159308577+	CO25714	13.01	0 1-	20 N FUSE	0	0	747	288	0	0	0	0.00	2.32	0
CO25693+	CO25779	13.04	94 3-	1/0CU	1009	931	747	288	756	17	6	0.01	2.33	8
CO25713+	CO25693	13.09	1 1-	4ACSR	0	0	743	287	9	0	0	0.00	2.33	0
OC-446034754+	CO25713	13.09	0 1-	20 N FUSE	0	0	743	287	0	0	0	0.00	2.33	0
CO25808+	CO25693	13.04	4 1-	6ACWC	0	0	747	288	30	2	1	0.00	2.33	0
OC780+	CO25808	13.04	4 1-	10 N FUSE	0	0	747	288	30	2	21	0.00	2.33	0
CO30610+	OC780	13.36	4 1-	6ACWC	0	0	721	283	30	2	1	0.02	2.34	0
CO15902+	CO30610	13.47	3 1-	2ACSR	0	0	713	281	26	1	1	0.00	2.34	0
CO15901+	CO15902	13.56	2 1-	2ACSR	0	0	707	280	22	1	1	0.00	2.35	0
CO15900+	CO30610	13.53	1 1-	6ACWC	0	0	707	280	4	0	0	0.00	2.34	0
CO25776+	CO25693	13.06	89 3-	1/0CU	1008	929	746	288	717	16	5	0.00	2.33	0
CO25777+	CO25776	13.10	3 1-	2ACSR	0	0	744	287	13	0	1	0.00	2.33	0
OC1167431268+	CO25777	13.10	2 1-	20 N FUSE	0	0	744	287	8	0	3	0.00	2.33	0
CO25778+	OC1167431268	13.15	2 1-	2ACSR	0	0	740	287	8	0	0	0.00	2.33	0
CO25775+	CO25776	13.42	86 3-	1/0CU	985	909	728	286	704	16	5	0.04	2.36	35
CO25774+	CO25775	13.51	86 3-	1/0CU	980	904	724	285	704	16	5	0.01	2.37	9
CO25773+	CO25774	13.56	2 1-	4ACSR	0	0	720	284	19	1	1	0.00	2.38	0
OC-1381368476+	CO25773	13.56	2 1-	20 N FUSE	0	0	720	284	19	1	7	0.00	2.38	0
CO30567+	OC-1381368476	13.57	2 1-	4ACSR	0	0	719	284	19	1	1	0.00	2.38	0
CO25712+	OC-1381368476	13.80	0 1-	4ACSR	0	0	701	280	0	0	0	0.00	2.38	0
CO25692+	CO25774	13.82	84 3-	1/0CU	962	887	709	283	685	16	5	0.03	2.40	28
CO25771+	CO25692	13.90	1 1-	4ACSR	0	0	704	282	12	0	1	0.00	2.40	0
OC809437784+	CO25771	13.90	0 1-	20 N FUSE	0	0	704	282	0	0	0	0.00	2.40	0
CO25772+	OC809437784	13.94	0 1-	4ACSR	0	0	700	281	0	0	0	0.00	2.40	0
CO25691+	CO25692	13.90	80 3-	1/0CU	957	883	706	283	652	15	5	0.01	2.41	6
CO25769+	CO25691	14.01	1 1-	4ACSR	0	0	697	281	0	0	0	0.00	2.41	0
OC-109759334+	CO25769	14.01	1 1-	20 N FUSE	0	0	697	281	0	0	0	0.00	2.41	0
CO25770+	OC-109759334	14.08	1 1-	4ACSR	0	0	692	280	0	0	0	0.00	2.41	0
CO25690+	CO25691	14.24	79 3-	1/0CU	938	866	690	281	652	15	5	0.03	2.44	28
CO25711+	CO25690	14.33	1 1-	4ACSR	0	0	684	279	12	0	1	0.00	2.44	0
OC1623055451+	CO25711	14.33	0 1-	20 N FUSE	0	0	684	279	0	0	0	0.00	2.44	0
CO25710+	CO25690	14.41	1 1-	4ACSR	0	0	678	278	12	0	1	0.00	2.44	0
CO25806+	CO25690	14.25	31 1-	4ACSR	0	0	690	280	210	14	10	0.00	2.45	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC781+	CO25806	14.25	31 1-	35 H OCR	0	0	690	280	210	14	42	0.00	2.45	0
CO25807+	OC781	14.39	31 1-	4ACSR	0	0	679	278	210	14	10	0.05	2.49	17
CO25719+	CO25807	14.43	1 1-	4ACSR	0	0	676	278	0	0	0	0.00	2.49	0
CO25768+	CO25807	14.51	30 1-	4ACSR	0	0	671	276	209	14	10	0.04	2.53	13
CO30611+	CO25768	15.02	29 1-	4ACSR	0	0	636	269	201	14	10	0.17	2.70	54
CO15878+	CO30611	15.13	1 1-	4ACSR	0	0	628	267	2	0	0	0.00	2.70	0
CO-1275414519+	CO15878	15.40	0 1-	2ACSR	0	0	614	265	0	0	0	0.00	2.70	0
CO15903+	CO30611	15.28	28 1-	4ACSR	0	0	619	265	199	13	10	0.09	2.79	28
CO15904+	CO15903	15.40	28 1-	4ACSR	0	0	612	264	198	13	10	0.04	2.82	12
CO15865+	CO15904	15.57	26 1-	4ACSR	0	0	601	261	198	13	10	0.05	2.88	17
CO15908+	CO15865	15.62	14 1-	4ACSR	0	0	598	261	66	4	3	0.01	2.88	0
OC761808230+	CO15908	15.62	13 1-	20 N FUSE	0	0	598	261	63	4	22	0.00	2.88	0
CO15909+	OC761808230	15.63	13 1-	4ACSR	0	0	597	260	63	4	3	0.00	2.88	0
CO15910+	CO15909	15.73	13 1-	4ACSR	0	0	591	259	63	4	3	0.01	2.89	0
CO15911+	CO15910	15.76	11 1-	4ACSR	0	0	590	259	60	4	3	0.00	2.90	0
CO15912+	CO15911	15.80	11 1-	4ACSR	0	0	588	258	60	4	3	0.00	2.90	0
CO15867+	CO15912	15.92	8 1-	4ACSR	0	0	580	257	39	2	2	0.01	2.91	0
CO15880+	CO15867	16.01	1 1-	4ACSR	0	0	575	255	0	0	0	0.00	2.91	0
CO15879+	CO15867	16.03	2 1-	4ACSR	0	0	574	255	8	0	0	0.00	2.91	0
CO15868+	CO15867	16.24	5 1-	4ACSR	0	0	562	253	31	2	2	0.01	2.92	0
CO15918+	CO15868	16.64	2 1-	4ACSR	0	0	541	248	14	0	1	0.01	2.93	0
CO15919+	CO15918	16.95	2 1-	4ACSR	0	0	526	244	14	0	1	0.00	2.93	0
CO15917+	CO15919	17.02	1 1-	4ACSR	0	0	523	243	0	0	0	0.00	2.93	0
CO15915+	CO15868	16.34	1 1-	4ACSR	0	0	557	251	1	0	0	0.00	2.92	0
CO15916+	CO15915	16.46	0 1-	4ACSR	0	0	551	250	0	0	0	0.00	2.92	0
CO15869+	CO15912	15.91	3 1-	4ACSR	0	0	581	257	21	1	1	0.00	2.90	0
CO15882+	CO15869	15.97	1 1-	4ACSR	0	0	578	256	14	0	1	0.00	2.90	0
CO15913+	CO15869	15.97	2 1-	4ACSR	0	0	577	256	7	0	0	0.00	2.90	0
CO15881+	CO15913	16.03	1 1-	4ACSR	0	0	574	255	5	0	0	0.00	2.90	0
CO15914+	CO15913	16.08	1 1-	4ACSR	0	0	571	255	2	0	0	0.00	2.90	0
CO15866+	CO15865	15.66	11 1-	4ACSR	0	0	595	260	122	8	6	0.02	2.89	4
CO15871+	CO15866	15.68	9 1-	4ACSR	0	0	594	260	101	7	5	0.00	2.90	0
CO15920+	CO15871	15.70	9 1-	4ACSR	0	0	593	259	101	7	5	0.00	2.90	0
CO15921+	CO15920	15.73	8 1-	4ACSR	0	0	591	259	98	6	5	0.00	2.91	0
CO15922+	CO15921	15.77	7 1-	4ACSR	0	0	589	259	87	6	4	0.01	2.91	0
CO15923+	CO15922	15.80	7 1-	4ACSR	0	0	587	258	87	6	4	0.00	2.92	0
CO15924+	CO15923	15.90	5 1-	4ACSR	0	0	582	257	63	4	3	0.01	2.92	0
CO15925+	CO15924	15.94	5 1-	4ACSR	0	0	579	256	63	4	3	0.00	2.93	0
CO15926+	CO15925	16.07	5 1-	4ACSR	0	0	572	255	63	4	3	0.01	2.94	0
CO15927+	CO15926	16.16	4 1-	4ACSR	0	0	567	254	56	3	3	0.01	2.95	0
CO1975652266+	CO15927	16.17	0 1-	2ACSR	0	0	566	253	0	0	0	0.00	2.95	0
CO-732759384+	CO1975652266	16.25	0 1-	2ACSR	0	0	563	253	0	0	0	0.00	2.95	0
CO2083551072+	CO1975652266	16.22	0 1-	2ACSR	0	0	564	253	0	0	0	0.00	2.95	0
CO15928+	CO15927	16.22	3 1-	4ACSR	0	0	563	253	26	1	1	0.00	2.95	0
CO15929+	CO15928	16.30	2 1-	4ACSR	0	0	559	252	11	0	1	0.00	2.95	0
CO15930+	CO15929	16.33	2 1-	4ACSR	0	0	558	251	11	0	1	0.00	2.95	0
CO15931+	CO15930	16.35	1 1-	4ACSR	0	0	556	251	0	0	0	0.00	2.95	0
CO15877+	CO15866	15.74	1 1-	4ACSR	0	0	591	259	15	1	1	0.00	2.90	0
CO15907+	CO15904	15.47	1 1-	4ACSR	0	0	607	263	0	0	0	0.00	2.82	0
CO15906+	CO15907	15.51	1 1-	4ACSR	0	0	605	262	0	0	0	0.00	2.82	0
CO15905+	CO15904	15.54	1 1-	4ACSR	0	0	603	262	0	0	0	0.00	2.82	0
CO25767+	CO25690	14.32	46 3-	1/0CU	934	862	687	280	419	9	3	0.00	2.45	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25766+	CO25767	14.44	46 3-	1/0CU	928	856	682	279	419	9	3	0.01	2.45	4
CO25709+	CO25766	14.52	1 1-	4ACSR	0	0	676	278	6	0	0	0.00	2.46	0
OC-1176002341+	CO25709	14.52	0 1-	20 N FUSE	0	0	676	278	0	0	0	0.00	2.46	0
CO25689+	CO25766	14.54	44 3-	1/0CU	922	851	678	279	398	9	3	0.01	2.46	3
CO25704+	CO25689	14.88	44 3-	1/0CU	905	835	664	277	398	9	3	0.02	2.48	10
CO25727+	CO25704	14.90	1 1-	4ACSR	0	0	662	276	10	0	0	0.00	2.48	0
CO25765+	CO25704	15.00	43 3-	1/0CU	898	830	659	276	388	9	3	0.01	2.49	4
CO25764+	CO25765	15.11	43 3-	1/0CU	893	825	654	275	388	9	3	0.01	2.49	3
OC-933864218+	CO25764	15.11	43 3-	20 N FUSE	893	825	654	275	388	9	45	0.00	2.49	0
CO25804+	OC-933864218	15.12	4 1-	4ACSR	0	0	654	275	48	3	2	0.00	2.49	0
OC779+	CO25804	15.12	4 1-	10 N FUSE	0	0	654	275	48	3	33	0.00	2.49	0
CO25805+	OC779	15.17	4 1-	4ACSR	0	0	650	275	48	3	2	0.00	2.50	0
CO25738+	CO25805	15.19	3 1-	4ACSR	0	0	649	274	36	2	2	0.00	2.50	0
CO25739+	CO25738	15.23	2 1-	4ACSR	0	0	646	274	19	1	1	0.00	2.50	0
CO30612+	CO25739	15.40	2 1-	4ACSR	0	0	635	271	19	1	1	0.00	2.50	0
CO15967+	CO30612	15.53	1 1-	4ACSR	0	0	627	269	8	0	0	0.00	2.50	0
CO15968+	CO15967	15.66	1 1-	4ACSR	0	0	619	267	8	0	0	0.00	2.51	0
CO15969+	CO15968	15.71	1 1-	4ACSR	0	0	615	267	8	0	0	0.00	2.51	0
CO15895+	CO15967	15.59	0 1-	4ACSR	0	0	623	268	0	0	0	0.00	2.50	0
CO25696+	OC-933864218	15.20	29 1-	4ACSR	0	0	648	274	260	18	13	0.04	2.53	15
CO25728+	CO25696	15.25	1 1-	4ACSR	0	0	645	273	4	0	0	0.00	2.53	0
OC609337501+	CO25728	15.25	0 1-	20 N FUSE	0	0	645	273	0	0	0	0.00	2.53	0
CO25802+	CO25696	15.20	28 1-	4/0ACSR	0	0	648	274	255	17	5	0.00	2.53	0
OC778+	CO25802	15.20	28 1-	25 H OCR	0	0	648	274	255	17	72	0.00	2.53	0
CO25803+	OC778	15.32	28 1-	4/0ACSR	0	0	644	273	255	17	5	0.02	2.54	5
CO25740+	CO25803	15.35	26 1-	4/0ACSR	0	0	643	273	248	17	5	0.00	2.55	0
CO25733+	CO25740	15.41	1 1-	2ACSR	0	0	639	273	1	0	0	0.00	2.55	0
CO25741+	CO25740	15.43	25 1-	4/0ACSR	0	0	640	273	247	17	5	0.01	2.56	3
CO25742+	CO25741	15.56	23 1-	4/0ACSR	0	0	635	272	228	15	5	0.01	2.57	4
CO25732+	CO25742	15.64	1 1-	2ACSR	0	0	631	271	15	1	1	0.00	2.57	0
CO25743+	CO25742	15.73	21 1-	4/0ACSR	0	0	629	271	211	14	4	0.02	2.59	5
CO25703+	CO25743	15.79	6 1-	4ACSR	0	0	625	270	77	5	4	0.01	2.60	0
CO25744+	CO25703	15.88	5 1-	4ACSR	0	0	619	269	64	4	3	0.01	2.61	0
CO25745+	CO25744	15.92	4 1-	4ACSR	0	0	617	269	60	4	3	0.00	2.61	0
CO25726+	CO25745	16.02	1 1-	4ACSR	0	0	611	267	13	0	1	0.00	2.61	0
CO25746+	CO25745	16.00	3 1-	4ACSR	0	0	612	267	47	3	2	0.01	2.62	0
CO25747+	CO25746	16.01	3 1-	4ACSR	0	0	612	267	47	3	2	0.00	2.62	0
CO25749+	CO25747	16.04	2 1-	4ACSR	0	0	610	267	47	3	2	0.00	2.62	0
CO25750+	CO25749	16.08	1 1-	4ACSR	0	0	608	266	43	3	2	0.00	2.62	0
CO25748+	CO25747	16.07	1 1-	4ACSR	0	0	608	267	0	0	0	0.00	2.62	0
CO25725+	CO25703	15.85	1 1-	4ACSR	0	0	621	270	12	0	1	0.00	2.60	0
CO25751+	CO25743	15.87	14 1-	4ACSR	0	0	620	269	123	8	6	0.03	2.62	6
OC-883814197+	CO25751	15.87	14 1-	20 N FUSE	0	0	620	269	123	8	43	0.00	2.62	0
CO25731+	OC-883814197	15.94	1 1-	2ACSR	0	0	617	269	0	0	0	0.00	2.62	0
CO25730+	OC-883814197	15.99	1 1-	4ACSR	0	0	613	268	13	0	1	0.00	2.62	0
CO25752+	OC-883814197	15.95	12 1-	4ACSR	0	0	616	268	110	7	6	0.01	2.63	2
CO25697+	CO25752	16.03	12 1-	4ACSR	0	0	610	267	110	7	6	0.02	2.65	3
CO25698+	CO25697	16.11	11 1-	4ACSR	0	0	606	266	109	7	5	0.01	2.66	2
CO25753+	CO25698	16.22	1 1-	4ACSR	0	0	599	264	15	1	1	0.00	2.66	0
CO25754+	CO25753	16.33	0 1-	4ACSR	0	0	593	263	0	0	0	0.00	2.66	0
CO25699+	CO25698	16.25	10 1-	4ACSR	0	0	598	264	94	6	5	0.02	2.68	3
CO25723+	CO25699	16.32	1 1-	4ACSR	0	0	594	263	10	0	1	0.00	2.68	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25700+	CO25699	16.40	9 1-	4ACSR	0	0	589	262	84	5	4	0.02	2.70	3
CO25755+	CO25700	16.54	4 1-	4ACSR	0	0	581	260	50	3	2	0.01	2.71	0
CO25756+	CO25755	16.59	2 1-	4ACSR	0	0	578	259	29	2	1	0.00	2.71	0
CO25757+	CO25756	16.64	0 1-	4ACSR	0	0	576	259	0	0	0	0.00	2.71	0
CO25758+	CO25757	16.80	0 1-	4ACSR	0	0	567	257	0	0	0	0.00	2.71	0
CO25759+	CO25758	16.86	0 1-	4ACSR	0	0	564	256	0	0	0	0.00	2.71	0
CO25760+	CO25759	17.18	0 1-	4ACSR	0	0	547	252	0	0	0	0.00	2.71	0
CO25761+	CO25760	17.29	0 1-	4ACSR	0	0	541	250	0	0	0	0.00	2.71	0
CO25701+	CO25700	16.57	5 1-	4ACSR	0	0	579	260	34	2	2	0.01	2.71	0
CO25722+	CO25701	16.63	1 1-	4ACSR	0	0	576	259	12	0	1	0.00	2.71	0
CO25762+	CO25701	16.78	3 1-	4ACSR	0	0	568	257	10	0	1	0.00	2.72	0
CO25763+	CO25762	16.83	3 1-	4ACSR	0	0	565	256	10	0	1	0.00	2.72	0
CO25702+	CO25763	17.12	2 1-	4ACSR	0	0	550	253	4	0	0	0.00	2.72	0
CO27241534+	CO25702	17.23	1 1-	2ACSR	0	0	545	252	0	0	0	0.00	2.72	0
CO25720+	CO25702	17.21	0 1-	4ACSR	0	0	546	251	0	0	0	0.00	2.72	0
CO25721+	CO25763	16.92	1 1-	4ACSR	0	0	560	255	6	0	0	0.00	2.72	0
CO25724+	CO25697	16.10	1 1-	4ACSR	0	0	606	266	1	0	0	0.00	2.65	0
CO25729+	CO25743	15.80	1 1-	2ACSR	0	0	625	271	11	0	0	0.00	2.59	0
CO25737+	OC-933864218	15.21	10 3-	1/0CU	888	820	650	275	81	1	1	0.00	2.49	0
FD-933864218+	CO25737	15.21	10 3-	_DefaultBayEqui	888	820	650	275	81	1	0	0.00	2.49	0
CO30613+	FD-933864218	15.33	10 3-	1/0CU	882	815	646	274	81	1	1	0.00	2.50	0
CO15971+	CO30613	15.39	10 3-	1/0CU	879	812	643	274	81	1	1	0.00	2.50	0
CO15970+	CO15971	15.50	9 3-	1/0CU	874	807	639	273	78	1	1	0.00	2.50	0
CO15973+	CO15970	15.52	7 1-	2ACSR	0	0	638	273	59	4	2	0.00	2.50	0
OC149197732+	CO15973	15.52	7 1-	20 N FUSE	0	0	638	273	59	4	21	0.00	2.50	0
CO15974+	OC149197732	15.53	1 1-	2ACSR	0	0	637	273	6	0	0	0.00	2.50	0
CO15972+	OC149197732	15.58	6 1-	2ACSR	0	0	635	272	53	3	2	0.00	2.50	0
CO15975+	CO15972	15.71	5 1-	2ACSR	0	0	628	271	43	3	2	0.00	2.51	0
CO15898+	CO15975	15.75	1 1-	2ACSR	0	0	626	271	8	0	0	0.00	2.51	0
CO15976+	CO15975	15.76	2 1-	2ACSR	0	0	625	270	16	1	1	0.00	2.51	0
CO15977+	CO15976	15.82	0 1-	2ACSR	0	0	622	270	0	0	0	0.00	2.51	0
CO15981+	CO15970	15.62	2 3-	1/0CU	868	802	635	272	18	0	0	0.00	2.50	0
CO2060903933+	CO15981	15.66	0 1-	2ACSR	0	0	633	272	0	0	0	0.00	2.50	0
OC1051516295+	CO2060903933	15.66	0 1-	20 N FUSE	0	0	633	272	0	0	0	0.00	2.50	0
CO15980+	CO15981	15.63	2 3-	1/0CU	868	802	634	272	18	0	0	0.00	2.50	0
CO15979+	CO15980	15.67	1 3-	1/0CU	866	800	633	272	0	0	0	0.00	2.50	0
CO16022+	CO15979	15.72	1 3-	1/0CU	864	798	631	272	0	0	0	0.00	2.50	0
CO26347+	CO26145	11.97	34 1-	6ACWC	0	0	806	294	196	13	10	0.00	2.20	0
OC798+	CO26347	11.97	34 1-	10 N FUSE	0	0	806	294	196	13	137	0.00	2.20	0
CO30363+	OC798	12.38	34 1-	2ACSR	0	0	773	290	196	13	8	0.09	2.29	27
CO-273647492+	CO30363	12.47	0 1-	2ACSR	0	0	766	289	0	0	0	0.00	2.29	0
CO25788+	CO-273647492	12.53	0 1-	6ACWC	0	0	760	288	0	0	0	0.00	2.29	0
CO2036852871+	CO30363	12.54	34 1-	2ACSR	0	0	761	288	196	13	8	0.04	2.33	11
CO-767192621+	CO2036852871	12.65	34 1-	2ACSR	0	0	752	286	196	13	8	0.03	2.36	7
CO-1753584219+	CO-767192621	12.97	34 1-	2ACSR	0	0	729	283	196	13	8	0.07	2.43	21
OC-1855373228+	CO-1753584219	12.97	34 1-	35 E OCR	0	0	729	283	196	13	39	0.00	2.43	0
CO839455378+	OC-1855373228	13.01	34 1-	2ACSR	0	0	727	282	196	13	8	0.01	2.44	3
CO25790+	CO839455378	13.05	34 1-	4ACSR	0	0	723	282	196	13	10	0.01	2.45	4
CO25789+	CO25790	13.12	33 1-	4ACSR	0	0	718	281	191	13	10	0.02	2.47	6
CO25688+	CO25789	13.20	29 1-	4ACSR	0	0	711	279	174	12	9	0.02	2.49	7
CO25792+	CO25688	13.25	28 1-	4ACSR	0	0	707	279	173	12	9	0.01	2.50	3
CO25791+	CO25792	13.32	28 1-	4ACSR	0	0	701	278	173	12	9	0.02	2.53	6

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25707+	CO25791	13.40	0 1-	4ACSR	0	0	695	276	0	0	0	0.00	2.53	0
CO25687+	CO25791	13.51	28 1-	4ACSR	0	0	687	275	173	12	9	0.05	2.58	15
CO25706+	CO25687	13.64	1 1-	4ACSR	0	0	676	273	4	0	0	0.00	2.58	0
CO25793+	CO25687	13.61	2 1-	4ACSR	0	0	678	273	23	1	1	0.00	2.58	0
CO-1706399265+	CO25793	13.65	0 1-	2ACSR	0	0	676	273	0	0	0	0.00	2.58	0
CO25794+	CO25793	13.64	2 1-	4ACSR	0	0	676	273	23	1	1	0.00	2.58	0
CO25795+	CO25794	13.68	2 1-	4ACSR	0	0	673	272	23	1	1	0.00	2.58	0
CO25798+	CO25687	13.64	25 1-	4ACSR	0	0	676	273	146	10	7	0.03	2.61	7
CO25797+	CO25798	13.74	25 1-	4ACSR	0	0	669	271	146	10	7	0.02	2.63	5
CO25796+	CO25797	13.85	24 1-	4ACSR	0	0	661	270	142	9	7	0.03	2.66	6
CO30362+	CO25796	14.25	4 1-	4ACSR	0	0	633	264	9	0	0	0.01	2.66	0
CO26078+	CO30362	14.34	4 1-	4ACSR	0	0	627	263	9	0	0	0.00	2.67	0
CO26081+	CO26078	14.53	1 1-	4ACSR	0	0	614	260	1	0	0	0.00	2.67	0
CO26082+	CO26081	14.81	1 1-	4ACSR	0	0	596	257	1	0	0	0.00	2.67	0
CO26079+	CO26078	14.72	3 1-	4ACSR	0	0	602	258	8	0	0	0.00	2.67	0
CO26080+	CO26079	14.94	1 1-	4ACSR	0	0	589	255	7	0	0	0.00	2.67	0
CO26077+	CO26080	14.97	0 1-	2ACSR	0	0	587	255	0	0	0	0.00	2.67	0
CO25686+	CO25796	13.88	19 1-	4ACSR	0	0	659	269	120	8	6	0.01	2.66	0
CO30359+	CO25686	14.18	15 1-	4ACSR	0	0	637	265	88	6	4	0.04	2.71	6
CO30361+	CO30359	14.62	9 1-	4ACSR	0	0	608	259	28	1	1	0.02	2.73	0
CO26599+	CO30361	14.68	1 1-	4ACSR	0	0	604	258	2	0	0	0.00	2.73	0
CO26739+	CO30361	14.71	6 1-	4ACSR	0	0	602	258	22	1	1	0.00	2.73	0
CO26740+	CO26739	14.89	6 1-	4ACSR	0	0	591	256	22	1	1	0.01	2.74	0
CO26741+	CO26740	15.03	6 1-	4ACSR	0	0	583	254	22	1	1	0.00	2.74	0
CO26742+	CO26741	15.10	5 1-	4ACSR	0	0	579	253	14	0	1	0.00	2.74	0
CO26744+	CO26742	15.39	5 1-	4ACSR	0	0	562	249	14	0	1	0.01	2.75	0
CO26743+	CO26744	15.49	5 1-	4ACSR	0	0	557	248	14	0	1	0.00	2.75	0
CO26760+	CO26743	15.66	1 1-	4ACSR	0	0	548	246	1	0	0	0.00	2.75	0
CO26759+	CO26760	15.66	1 1-	4ACSR	0	0	547	246	1	0	0	0.00	2.75	0
CO-224505300+	CO26759	15.77	0 1-	2ACSR	0	0	543	245	0	0	0	0.00	2.75	0
CO26598+	CO26759	15.72	1 1-	4ACSR	0	0	544	245	1	0	0	0.00	2.75	0
CO26747+	CO26743	15.67	4 1-	4ACSR	0	0	547	246	13	0	1	0.00	2.75	0
CO26748+	CO26747	15.72	3 1-	4ACSR	0	0	545	245	11	0	1	0.00	2.76	0
CO26763+	CO26748	15.79	1 1-	4ACSR	0	0	541	244	0	0	0	0.00	2.76	0
CO26597+	CO26748	15.75	2 1-	4ACSR	0	0	543	245	11	0	1	0.00	2.76	0
CO26577+	CO26748	15.84	0 1-	4ACSR	0	0	538	244	0	0	0	0.00	2.76	0
CO26737+	CO30361	14.73	2 1-	4ACSR	0	0	602	258	4	0	0	0.00	2.73	0
CO26738+	CO26737	14.85	2 1-	4ACSR	0	0	594	256	4	0	0	0.00	2.73	0
CO30360+	CO30359	14.29	6 1-	4ACSR	0	0	630	264	60	4	3	0.01	2.72	0
CO26736+	CO30360	14.34	5 1-	4ACSR	0	0	627	263	51	3	3	0.00	2.72	0
CO26735+	CO26736	14.42	4 1-	4ACSR	0	0	621	262	39	2	2	0.01	2.73	0
CO26602+	CO26735	14.54	1 1-	4ACSR	0	0	613	260	13	0	1	0.00	2.73	0
CO26601+	CO26735	14.59	1 1-	4ACSR	0	0	610	259	12	0	1	0.00	2.73	0
CO26733+	CO26735	14.54	2 1-	4ACSR	0	0	614	260	15	1	1	0.00	2.73	0
CO26734+	CO26733	14.60	1 1-	4ACSR	0	0	610	259	1	0	0	0.00	2.73	0
CO25799+	CO25686	13.95	2 1-	4ACSR	0	0	653	268	15	1	1	0.00	2.67	0
CO25800+	CO25799	13.97	2 1-	4ACSR	0	0	652	268	15	1	1	0.00	2.67	0
CO25801+	CO25800	14.06	1 1-	4ACSR	0	0	646	267	7	0	0	0.00	2.67	0
CO25705+	CO25796	13.91	1 1-	4ACSR	0	0	657	269	13	0	1	0.00	2.66	0
CO25708+	CO25688	13.27	1 1-	4ACSR	0	0	705	278	0	0	0	0.00	2.49	0
CO30381+	CO25789	13.48	1 1-	4ACSR	0	0	688	275	1	0	0	0.00	2.47	0
CO26175+	CO30381	13.50	0 1-	4ACSR	0	0	687	275	0	0	0	0.00	2.47	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26174+	CO30381	13.64	1 1-	4ACSR	0	0	677	273	1	0	0	0.00	2.47	0
CO26178+	CO26307	11.62	1 1-	4ACSR	0	0	822	295	0	0	0	0.00	2.12	0
OC-466822916+	CO26178	11.62	0 1-	20 N FUSE	0	0	822	295	0	0	0	0.00	2.12	0
CO26336+	OC-533345056	10.95	7 1-	4ACSR	0	0	871	301	72	5	4	0.00	2.03	0
OC794+	CO26336	10.95	7 1-	25 H OCR	0	0	871	301	72	5	20	0.00	2.03	0
CO26337+	OC794	11.00	7 1-	4ACSR	0	0	866	300	72	5	4	0.01	2.04	0
CO26320+	CO26337	11.15	6 1-	4ACSR	0	0	849	298	71	4	4	0.02	2.05	0
CO26321+	CO26320	11.47	4 1-	4ACSR	0	0	814	292	53	3	3	0.03	2.08	2
CO26151+	CO26321	11.55	3 1-	4ACSR	0	0	806	291	50	3	2	0.01	2.09	0
CO26188+	CO26151	11.58	1 1-	4ACSR	0	0	804	290	44	3	2	0.00	2.09	0
CO26152+	CO26151	11.64	2 1-	4ACSR	0	0	797	289	6	0	0	0.00	2.09	0
CO26153+	CO26152	11.83	1 1-	4ACSR	0	0	778	286	0	0	0	0.00	2.09	0
OC1885936024+	CO26153	11.83	1 1-	20 N FUSE	0	0	778	286	0	0	0	0.00	2.09	0
CO26186+	OC1885936024	12.08	1 1-	4ACSR	0	0	755	282	0	0	0	0.00	2.09	0
CO26154+	OC1885936024	12.29	0 1-	4ACSR	0	0	736	279	0	0	0	0.00	2.09	0
CO26319+	CO26154	12.46	0 1-	4ACSR	0	0	721	276	0	0	0	0.00	2.09	0
CO30385+	CO26319	12.65	0 1-	4ACSR	0	0	704	274	0	0	0	0.00	2.09	0
CO26185+	CO26154	12.42	0 1-	4ACSR	0	0	724	277	0	0	0	0.00	2.09	0
CO26184+	CO26154	12.42	0 1-	4ACSR	0	0	724	277	0	0	0	0.00	2.09	0
CO26187+	CO26152	11.80	1 1-	4ACSR	0	0	782	287	6	0	0	0.00	2.09	0
CO26189+	CO26321	11.61	1 1-	4ACSR	0	0	801	290	3	0	0	0.00	2.08	0
CO26193+	CO26320	11.24	1 1-	2ACSR	0	0	841	296	14	0	1	0.00	2.05	0
#SW810-B+	CO26140	9.78	0 3-	Open	1263	1163	961	309	0	0	0	0.00	1.80	0
CO26142+	CO26140	9.93	1 3-	2ACSR	1241	1145	943	307	7	0	0	0.00	1.80	0
CO26332+	CO26142	9.94	0 3-	2ACSR	1240	1144	942	307	0	0	0	0.00	1.80	0
OC809+	CO26332	9.94	0 3-	100 E OCR	1240	1144	942	307	0	0	0	0.00	1.80	0
CO26171+	CO26142	9.97	1 1-	2ACSR	0	0	939	307	7	0	0	0.00	1.80	0
CO26328+	CO26258	9.49	61 1-	4ACSR	0	0	990	312	305	20	15	0.00	1.72	0
OC804+	CO26328	9.49	61 1-	100 E OCR	0	0	990	312	305	20	21	0.00	1.72	0
CO26329+	OC804	9.53	61 1-	4ACSR	0	0	984	311	305	20	15	0.02	1.74	10
CO26141+	CO26329	9.63	56 1-	4ACSR	0	0	970	309	279	18	13	0.04	1.78	19
CO26261+	CO26141	9.70	55 1-	4ACSR	0	0	960	308	275	18	13	0.03	1.81	13
CO26196+	CO26261	9.73	3 1-	2ACSR	0	0	957	307	16	1	1	0.00	1.81	0
CO-119765834+	CO26196	9.97	1 1-	1/0PRIURD	0	0	936	584	14	0	1	0.00	1.81	0
CO26262+	CO26261	9.84	51 1-	4ACSR	0	0	942	305	259	17	13	0.05	1.86	22
CO30380+	CO26262	9.93	51 1-	4ACSR	0	0	930	304	259	17	13	0.04	1.90	16
CO26702+	CO30380	10.06	51 1-	4ACSR	0	0	913	301	259	17	13	0.05	1.95	21
CO26587+	CO26702	10.14	1 1-	4ACSR	0	0	903	300	17	1	1	0.00	1.95	0
CO26696+	CO26702	10.37	49 1-	4ACSR	0	0	874	296	240	16	12	0.11	2.06	44
CO26697+	CO26696	10.45	48 1-	4ACSR	0	0	865	295	238	16	12	0.03	2.09	11
CO26572+	CO26697	10.53	45 1-	4ACSR	0	0	855	293	232	15	11	0.03	2.12	11
CO26703+	CO26572	10.56	1 1-	4ACSR	0	0	852	293	0	0	0	0.00	2.12	0
CO26704+	CO26703	10.64	0 1-	4ACSR	0	0	842	291	0	0	0	0.00	2.12	0
CO26573+	CO26572	10.64	44 1-	4ACSR	0	0	842	291	232	15	11	0.04	2.16	15
CO-316959381+	CO26573	10.77	1 1-	2ACSR	0	0	831	290	3	0	0	0.00	2.16	0
CO26588+	CO26573	10.71	1 1-	4ACSR	0	0	834	290	7	0	0	0.00	2.16	0
CO26707+	CO26573	10.69	42 1-	4ACSR	0	0	837	291	222	15	11	0.02	2.17	6
CO26708+	CO26707	10.72	41 1-	4ACSR	0	0	834	290	220	15	11	0.01	2.18	3
CO26700+	CO26708	10.80	2 1-	4ACSR	0	0	825	289	11	0	1	0.00	2.18	0
CO26701+	CO26700	10.87	1 1-	4ACSR	0	0	817	288	10	0	1	0.00	2.18	0
CO26709+	CO26708	11.03	38 1-	4ACSR	0	0	799	285	209	14	10	0.10	2.28	33
CO26710+	CO26709	11.05	36 1-	4ACSR	0	0	797	285	197	13	10	0.01	2.29	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26711+	CO26710	11.10	35 1-	4ACSR	0	0	793	284	197	13	10	0.01	2.30	4
CO26589+	CO26711	11.18	1 1-	4ACSR	0	0	784	283	4	0	0	0.00	2.30	0
CO26712+	CO26711	11.14	34 1-	4ACSR	0	0	788	283	193	13	9	0.01	2.31	4
CO26713+	CO26712	11.21	34 1-	4ACSR	0	0	780	282	193	13	9	0.02	2.33	7
CO26574+	CO26713	11.26	32 1-	4ACSR	0	0	775	281	183	12	9	0.01	2.35	4
CO26575+	CO26574	11.38	30 1-	4ACSR	0	0	763	280	172	11	8	0.03	2.38	9
CO26603+	CO26575	11.42	4 1-	4ACSR	0	0	760	279	26	1	1	0.00	2.38	0
CO26578+	CO26575	11.44	26 1-	4ACSR	0	0	758	279	146	9	7	0.01	2.39	3
CO26596+	CO26578	11.51	2 1-	4ACSR	0	0	751	278	4	0	0	0.00	2.39	0
CO1846003127+	CO26596	11.58	1 1-	2ACSR	0	0	745	277	1	0	0	0.00	2.39	0
CO26714+	CO26578	11.49	24 1-	4ACSR	0	0	753	278	142	9	7	0.01	2.40	2
CO26715+	CO26714	11.54	24 1-	4ACSR	0	0	749	277	142	9	7	0.01	2.41	3
CO26594+	CO26715	11.58	1 1-	4ACSR	0	0	744	277	4	0	0	0.00	2.41	0
CO26719+	CO26715	11.57	8 1-	4ACSR	0	0	745	277	34	2	2	0.00	2.41	0
CO26720+	CO26719	11.63	6 1-	4ACSR	0	0	740	276	26	1	1	0.00	2.42	0
CO26721+	CO26720	11.73	2 1-	4ACSR	0	0	730	274	15	1	1	0.00	2.42	0
CO26722+	CO26721	11.76	0 1-	4ACSR	0	0	727	274	0	0	0	0.00	2.42	0
CO26716+	CO26715	11.57	15 1-	4ACSR	0	0	745	277	105	7	5	0.01	2.42	0
CO26717+	CO26716	11.64	13 1-	4ACSR	0	0	739	276	102	6	5	0.01	2.43	0
CO26718+	CO26717	11.69	13 1-	4ACSR	0	0	734	275	102	6	5	0.01	2.44	0
CO26595+	CO26718	11.74	1 1-	4ACSR	0	0	730	274	4	0	0	0.00	2.44	0
CO26750+	CO26718	11.73	12 1-	4ACSR	0	0	731	274	98	6	5	0.00	2.44	0
CO26751+	CO26750	11.76	11 1-	4ACSR	0	0	728	274	89	6	4	0.00	2.45	0
CO26723+	CO26751	11.81	3 1-	4ACSR	0	0	723	273	33	2	2	0.00	2.45	0
CO26724+	CO26723	11.81	3 1-	4ACSR	0	0	723	273	33	2	2	0.00	2.45	0
CO26725+	CO26724	11.83	2 1-	4ACSR	0	0	721	273	22	1	1	0.00	2.45	0
CO26726+	CO26725	11.85	1 1-	4ACSR	0	0	719	273	12	0	1	0.00	2.45	0
CO26727+	CO26751	11.78	7 1-	4ACSR	0	0	726	274	46	3	2	0.00	2.45	0
CO26728+	CO26727	11.82	7 1-	4ACSR	0	0	722	273	46	3	2	0.00	2.45	0
CO26576+	CO26728	11.86	3 1-	4ACSR	0	0	719	272	16	1	1	0.00	2.45	0
CO26731+	CO26576	11.91	2 1-	4ACSR	0	0	714	272	7	0	0	0.00	2.45	0
CO26732+	CO26731	12.06	0 1-	4ACSR	0	0	701	269	0	0	0	0.00	2.45	0
CO26593+	CO26576	11.91	1 1-	4ACSR	0	0	714	272	9	0	0	0.00	2.45	0
CO26729+	CO26728	11.85	2 1-	4ACSR	0	0	720	273	11	0	1	0.00	2.45	0
CO26730+	CO26729	11.88	0 1-	4ACSR	0	0	717	272	0	0	0	0.00	2.45	0
CO26745+	CO26578	11.75	0 1-	4ACSR	0	0	729	274	0	0	0	0.00	2.39	0
CO1364740992+	CO26745	11.88	0 1-	2ACSR	0	0	720	273	0	0	0	0.00	2.39	0
CO26592+	CO26574	11.33	1 1-	4ACSR	0	0	768	280	11	0	1	0.00	2.35	0
CO26590+	CO26574	11.36	1 1-	4ACSR	0	0	766	280	0	0	0	0.00	2.35	0
CO26591+	CO26713	11.25	2 1-	4ACSR	0	0	776	282	9	0	0	0.00	2.33	0
CO26604+	CO26591	11.34	1 1-	4ACSR	0	0	768	280	0	0	0	0.00	2.33	0
CO26698+	CO26697	10.82	2 1-	4ACSR	0	0	823	288	0	0	0	0.00	2.09	0
CO26699+	CO26698	11.06	1 1-	4ACSR	0	0	796	285	0	0	0	0.00	2.09	0
CO26173+	CO26262	10.02	0 1-	4ACSR	0	0	919	302	0	0	0	0.00	1.86	0
CO26172+	CO26141	9.67	1 1-	4ACSR	0	0	965	308	4	0	0	0.00	1.78	0
CO26259+	CO26329	9.63	5 1-	4ACSR	0	0	970	309	27	1	1	0.00	1.74	0
CO26260+	CO26259	9.72	3 1-	4ACSR	0	0	958	307	12	0	1	0.00	1.74	0
CO30384+	CO26260	9.89	3 1-	4ACSR	0	0	935	304	12	0	1	0.00	1.74	0
CO26695+	CO30384	10.01	2 1-	4ACSR	0	0	920	302	3	0	0	0.00	1.74	0
CO30571+	CO26695	10.04	0 1-	4ACSR	0	0	915	302	0	0	0	0.00	1.74	0
CO26607+	CO30384	9.93	1 1-	2ACSR	0	0	931	304	8	0	0	0.00	1.74	0
CO26162+	CO26132	9.09	1 1-	1/0CU	0	0	1027	314	12	0	0	0.00	1.62	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26161+	CO26254	9.02	1 1-	1/0CU	0	0	1034	315	2	0	0	0.00	1.61	0
CO26247+	CO26246	8.58	4 1-	1/0CU	0	0	1077	317	13	0	0	0.00	1.51	0
CO26248+	CO26247	8.61	2 1-	1/0CU	0	0	1074	317	11	0	0	0.00	1.51	0
CO26249+	CO26248	8.66	0 1-	1/0CU	0	0	1069	317	0	0	0	0.00	1.51	0
CO26159+	CO26131	8.37	2 1-	1/0CU	0	0	1100	319	6	0	0	0.00	1.47	0
CO26157+	CO26230	7.88	3 1-	1/0CU	0	0	1156	322	4	0	0	0.00	1.35	0
CO26585+	CO26624	5.42	2 1-	4ACSR	0	0	1464	332	8	0	0	0.00	0.98	0
CO26647+	CO26651	4.97	4 1-	1/0CU	0	0	1546	335	30	2	1	0.00	0.91	0
CO26648+	CO26647	5.00	2 1-	1/0CU	0	0	1539	335	13	0	0	0.00	0.91	0
CO26606+	CO26648	5.16	1 1-	2ACSR	0	0	1495	333	12	0	0	0.00	0.91	0
CO26649+	CO26648	5.10	1 1-	1/0CU	0	0	1519	334	1	0	0	0.00	0.91	0
CO26579+	CO26565	4.81	0 1-	1/0CU	0	0	1574	336	0	0	0	0.00	0.88	0
CO26757+	CO26656	4.63	6 1-	4ACSR	0	0	1609	337	21	1	1	0.00	0.86	0
OC819+	CO26757	4.63	6 1-	10 N FUSE	0	0	1609	337	21	1	14	0.00	0.86	0
CO26758+	OC819	4.64	6 1-	4ACSR	0	0	1603	336	21	1	1	0.00	0.86	0
CO26652+	CO26758	4.69	5 1-	4ACSR	0	0	1586	335	19	1	1	0.00	0.86	0
CO26653+	CO26652	4.77	4 1-	4ACSR	0	0	1559	334	14	0	1	0.00	0.86	0
CO26654+	CO26653	5.04	4 1-	4ACSR	0	0	1472	328	14	0	1	0.01	0.87	0
CO30494+	CO26654	5.26	4 1-	4ACSR	0	0	1404	324	14	0	1	0.00	0.87	0
CO29205+	CO30494	5.47	4 1-	4ACSR	0	0	1342	320	14	0	1	0.00	0.88	0
CO30480+	CO29205	5.53	2 1-	4ACSR	0	0	1325	318	8	0	0	0.00	0.88	0
CO29383+	CO30480	5.57	0 1-	4ACSR	0	0	1314	318	0	0	0	0.00	0.88	0
CO29384+	CO29383	5.63	0 1-	4ACSR	0	0	1298	316	0	0	0	0.00	0.88	0
CO30497+	CO29384	5.77	0 1-	4ACSR	0	0	1259	314	0	0	0	0.00	0.88	0
CO26896+	CO30497	5.84	0 1-	4ACSR	0	0	1243	312	0	0	0	0.00	0.88	0
CO30479+	CO29205	5.52	1 1-	4ACSR	0	0	1326	318	6	0	0	0.00	0.88	0
CO29299+	CO29208	4.35	3 1-	6ACWC	0	0	1664	338	23	1	1	0.00	0.81	0
OC908+	CO29299	4.35	3 1-	10 N FUSE	0	0	1664	338	23	1	16	0.00	0.81	0
CO29300+	OC908	4.55	3 1-	6ACWC	0	0	1593	334	23	1	1	0.01	0.82	0
CO29297+	CO29300	4.62	3 1-	6ACWC	0	0	1567	332	23	1	1	0.00	0.82	0
CO29298+	CO29297	5.03	2 1-	6ACWC	0	0	1431	324	10	0	0	0.01	0.83	0
CO29206+	CO29298	5.09	1 1-	6ACWC	0	0	1413	323	10	0	0	0.00	0.83	0
CO29191+	CO29208	4.59	0 1-	1/0CU	0	0	1610	336	0	0	0	0.00	0.81	0
CO29212+	CO29218	3.90	4 1-	4ACSR	0	0	1743	338	7	0	0	0.00	0.72	0
CO29215+	CO29212	3.95	4 1-	4ACSR	0	0	1722	337	7	0	0	0.00	0.72	0
CO29216+	CO29215	3.96	4 1-	4ACSR	0	0	1719	337	7	0	0	0.00	0.72	0
CO29214+	CO29216	3.98	3 1-	4ACSR	0	0	1710	336	5	0	0	0.00	0.72	0
CO29213+	CO29216	3.99	1 1-	1/0CU	0	0	1712	337	2	0	0	0.00	0.72	0
CO29225+	CO29228	3.06	2 1-	4ACSR	0	0	1968	343	3	0	0	0.00	0.58	0
CO29226+	CO29225	3.13	1 1-	4ACSR	0	0	1934	341	0	0	0	0.00	0.58	0
CO29231+	CO29233	2.49	0 1-	4ACSR	0	0	2149	345	0	0	0	0.00	0.48	0
CO29232+	CO29231	2.56	0 1-	4ACSR	0	0	2106	344	0	0	0	0.00	0.48	0
CO29195+	CO29188	2.25	2 1-	4ACSR	0	0	2231	346	8	0	0	0.00	0.43	0
CO29234+	CO29195	2.43	2 1-	1/0CU	0	0	2157	345	8	0	0	0.00	0.43	0
CO29235+	CO29234	2.44	1 1-	1/0CU	0	0	2152	345	1	0	0	0.00	0.43	0
CO29236+	CO29235	2.49	1 1-	1/0CU	0	0	2133	345	1	0	0	0.00	0.43	0
CO29303+	CO29185	1.51	25 1-	2ACSR	0	0	2555	351	197	13	7	0.00	0.31	0
OC910+	CO29303	1.51	25 1-	50 L OCR	0	0	2555	351	197	13	0	0.00	0.31	0
CO29304+	OC910	1.57	25 1-	2ACSR	0	0	2514	350	197	13	7	0.01	0.32	4
CO29241+	CO29304	1.60	25 1-	2ACSR	0	0	2490	349	196	13	7	0.01	0.33	0
CO29242+	CO29241	1.67	25 1-	2ACSR	0	0	2442	348	196	13	7	0.01	0.34	4
CO29249+	CO29242	2.21	3 1-	2ACSR	0	0	2117	340	9	0	0	0.00	0.34	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29250+	CO29249	2.30	2 1-	2ACSR	0	0	2066	339	5	0	0	0.00	0.34	0
CO29251+	CO29250	2.34	2 1-	2ACSR	0	0	2046	338	5	0	0	0.00	0.34	0
CO29252+	CO29251	2.51	1 1-	2ACSR	0	0	1961	336	1	0	0	0.00	0.34	0
CO29253+	CO29252	2.72	0 1-	2ACSR	0	0	1859	333	0	0	0	0.00	0.34	0
CO29254+	CO29253	3.26	0 1-	2ACSR	0	0	1644	325	0	0	0	0.00	0.34	0
CO29255+	CO29242	1.83	22 1-	2ACSR	0	0	2340	346	187	12	7	0.03	0.37	9
CO29256+	CO29255	1.93	22 1-	2ACSR	0	0	2278	344	187	12	7	0.02	0.39	5
CO29310+	CO29256	2.03	21 1-	2ACSR	0	0	2217	343	174	11	7	0.02	0.41	5
CO29186+	CO29310	2.13	19 1-	2ACSR	0	0	2157	341	156	10	6	0.02	0.42	4
CO29257+	CO29186	2.19	19 1-	2ACSR	0	0	2125	340	156	10	6	0.01	0.43	0
CO29264+	CO29257	2.22	18 1-	2ACSR	0	0	2111	340	146	9	5	0.00	0.44	0
CO29258+	CO29264	2.26	18 1-	2ACSR	0	0	2085	339	146	9	5	0.01	0.44	0
CO29262+	CO29258	2.44	15 1-	2ACSR	0	0	1996	337	120	8	4	0.02	0.46	4
CO29263+	CO29262	2.50	14 1-	2ACSR	0	0	1964	336	118	7	4	0.01	0.47	0
CO29189+	CO29263	2.64	13 1-	2ACSR	0	0	1896	334	102	6	4	0.01	0.49	2
CO29269+	CO29189	2.75	8 1-	2ACSR	0	0	1846	332	50	3	2	0.01	0.49	0
CO29271+	CO29269	2.96	7 1-	2ACSR	0	0	1759	329	42	2	2	0.01	0.50	0
CO29272+	CO29271	3.01	5 1-	2ACSR	0	0	1738	329	35	2	1	0.00	0.50	0
CO29274+	CO29272	3.05	5 1-	2ACSR	0	0	1721	328	35	2	1	0.00	0.50	0
CO29276+	CO29274	3.09	3 1-	2ACSR	0	0	1707	327	27	1	1	0.00	0.50	0
CO29273+	CO29276	3.15	1 1-	2ACSR	0	0	1686	327	3	0	0	0.00	0.50	0
CO29275+	CO29274	3.10	2 1-	2ACSR	0	0	1701	327	8	0	0	0.00	0.50	0
CO29270+	CO29269	2.89	1 1-	2ACSR	0	0	1787	330	8	0	0	0.00	0.49	0
CO30478+	CO29270	2.98	0 1-	2ACSR	0	0	1750	329	0	0	0	0.00	0.49	0
CO29529+	CO30478	3.06	0 1-	2ACSR	0	0	1720	328	0	0	0	0.00	0.49	0
CO29530+	CO29529	3.13	0 1-	2ACSR	0	0	1692	327	0	0	0	0.00	0.49	0
CO30477+	CO29270	2.97	1 1-	2ACSR	0	0	1755	329	8	0	0	0.00	0.49	0
CO29265+	CO29189	2.73	4 1-	2ACSR	0	0	1856	332	43	2	2	0.00	0.49	0
CO29268+	CO29265	2.79	1 1-	2ACSR	0	0	1831	332	9	0	0	0.00	0.49	0
CO29267+	CO29265	2.77	1 1-	2ACSR	0	0	1838	332	7	0	0	0.00	0.49	0
CO29266+	CO29265	2.89	1 1-	2ACSR	0	0	1789	330	20	1	1	0.00	0.49	0
CO29199+	CO29263	2.60	1 1-	2ACSR	0	0	1918	334	15	1	1	0.00	0.47	0
CO29259+	CO29258	2.36	1 1-	2ACSR	0	0	2036	338	17	1	1	0.00	0.44	0
CO29260+	CO29259	2.43	1 1-	2ACSR	0	0	1998	337	17	1	1	0.00	0.44	0
CO29261+	CO29260	2.50	0 1-	2ACSR	0	0	1965	336	0	0	0	0.00	0.44	0
CO29308+	CO29310	2.06	2 1-	2ACSR	0	0	2197	342	19	1	1	0.00	0.41	0
CO29309+	CO29308	2.08	2 1-	2ACSR	0	0	2189	342	19	1	1	0.00	0.41	0
CO29244+	CO29247	1.26	0 1-	1/0CU	0	0	2678	352	0	0	0	0.00	0.24	0
CO29245+	CO29244	1.27	0 1-	1/0CU	0	0	2669	351	0	0	0	0.00	0.24	0
CO29246+	CO29245	1.28	0 1-	1/0CU	0	0	2664	351	0	0	0	0.00	0.24	0
CO29456+	CO29483	1.02	0 1-	4ACSR	0	0	2791	351	0	0	0	0.00	0.19	0
CO29448+	CO29437	0.78	1 1-	4ACSR	0	0	2955	353	4	0	0	0.00	0.16	0
CO29472+	CO29435	0.53	6 1-	4ACSR	0	0	3036	351	42	2	2	0.01	0.08	0
CO29473+	CO29472	0.56	5 1-	4ACSR	0	0	2998	350	35	2	2	0.00	0.08	0
CO29452+	CO29473	0.64	2 1-	4ACSR	0	0	2903	348	18	1	1	0.00	0.08	0
CO29474+	CO29473	0.64	2 1-	4ACSR	0	0	2907	349	16	1	1	0.00	0.08	0
CO29475+	CO29474	0.67	0 1-	4ACSR	0	0	2868	348	0	0	0	0.00	0.08	0
CO29450+	CO29469	0.36	1 1-	4ACSR	0	0	3208	354	4	0	0	0.00	0.05	0
CO29470+	CO29469	0.32	2 1-	4ACSR	0	0	3260	355	16	1	1	0.00	0.06	0
CO29471+	CO29470	0.38	1 1-	4ACSR	0	0	3187	353	10	0	0	0.00	0.06	0
CO29451+	CO29470	0.39	1 1-	4ACSR	0	0	3168	353	6	0	0	0.00	0.06	0
CO29535+	CO29532	0.01	1349 3-	750 MCM - 42 Wi	3387	3511	3536	357	6437	143	12	0.00	0.00	7

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
Stone Wall+	CO29535	0.01	1349 3-	560 200WVE	3387	3511	3536	357	6437	143	26	0.00	0.00	0
CO29495+	Stone Wall	0.03	1349 3-	4/0ACSR	3377	3494	3519	357	6437	143	42	0.01	0.02	100
CO29496+	CO29495	0.24	1349 3-	4/0ACSR	3252	3306	3320	356	6437	143	42	0.14	0.15	1211
CO29501+	CO29496	0.30	1345 3-	4/0ACSR	3217	3255	3264	355	6415	143	42	0.04	0.19	361
CO29541+	CO29501	0.35	1345 3-	4/0ACSR	3184	3208	3213	355	6414	143	42	0.04	0.23	336
CO29542+	CO29541	0.43	2 1-	4ACSR	0	0	3123	353	7	0	0	0.00	0.23	0
CO29502+	CO29541	0.37	1343 3-	4/0ACSR	3176	3197	3201	355	6405	143	42	0.01	0.24	87
CO29503+	CO29502	0.48	1341 3-	4/0ACSR	3112	3110	3105	354	6393	142	42	0.08	0.32	667
CO29539+	CO29503	0.49	0 1-	4ACSR	0	0	3097	354	0	0	0	0.00	0.32	0
SW918-A+	CO29539	0.49	0 1-	Open	0	0	3097	354	0	0	0	0.00	0.32	0
CO29440+	CO29503	0.65	0 1-	4ACSR	0	0	2917	350	0	0	0	0.00	0.32	0
CO29442+	CO29503	0.61	1 1-	4ACSR	0	0	2958	351	0	0	0	0.00	0.32	0
CO29504+	CO29503	0.63	1340 3-	4/0ACSR	3035	3018	2990	353	6390	142	42	0.10	0.41	854
CO29505+	CO29504	1.16	1340 3-	4/0ACSR	2777	2726	2627	350	6386	142	42	0.36	0.77	3151
CO29508+	CO29505	1.28	1340 3-	1/0ACSR	2719	2662	2549	349	6371	142	62	0.14	0.91	1332
CO29509+	CO29508	1.62	1340 3-	1/0ACSR	2556	2482	2339	345	6365	142	62	0.41	1.31	3995
CO29510+	CO29509	2.00	1340 3-	1/0ACSR	2392	2303	2138	341	6347	142	62	0.45	1.76	4440
CO29511+	CO29510	2.53	1340 3-	1/0ACSR	2186	2083	1901	336	6326	142	62	0.64	2.40	6291
CO30512+	CO29511	2.76	1340 3-	1/0ACSR	2108	2000	1815	334	6297	142	62	0.27	2.67	2664
CO29605+	CO30512	2.96	1339 3-	1/0ACSR	2043	1932	1746	332	6284	142	62	0.24	2.91	2330
CO29606+	CO29605	2.99	1338 3-	1/0ACSR	2035	1923	1737	331	6272	142	62	0.03	2.94	315
CO29552+	CO29606	3.06	1336 3-	1/0ACSR	2011	1898	1711	331	6261	142	62	0.09	3.03	883
CO29551+	CO29552	3.15	1331 3-	1/0ACSR	1985	1871	1684	330	6240	142	62	0.10	3.13	990
CO29554+	CO29551	3.34	1244 3-	1/0ACSR	1929	1814	1626	328	5867	133	58	0.21	3.34	1944
CO29555+	CO29554	3.48	1239 3-	1/0ACSR	1890	1772	1585	327	5834	133	58	0.16	3.50	1447
CO29628+	CO29555	3.57	4 1-	4ACSR	0	0	1552	325	19	1	1	0.00	3.50	0
CO29629+	CO29628	3.58	2 1-	4ACSR	0	0	1545	324	9	0	0	0.00	3.50	0
CO29556+	CO29555	3.58	1235 3-	1/0ACSR	1861	1747	1556	326	5809	132	58	0.11	3.61	1054
CO29635+	CO29556	3.92	1231 3-	1/0ACSR	1774	1664	1469	322	5791	132	58	0.37	3.98	3431
CO29636+	CO29635	3.99	1230 3-	1/0ACSR	1757	1649	1453	322	5775	132	58	0.07	4.05	671
CO29557+	CO29636	4.27	1229 3-	1/0ACSR	1691	1586	1388	319	5761	132	58	0.31	4.36	2851
CO29585+	CO29557	4.35	1 1-	4ACSR	0	0	1364	317	0	0	0	0.00	4.36	0
CO29637+	CO29557	4.31	1228 3-	1/0ACSR	1682	1578	1379	319	5748	132	57	0.04	4.41	403
CO29638+	CO29637	4.35	1228 3-	1/0ACSR	1674	1570	1371	318	5746	132	57	0.04	4.44	357
CO29722+	CO29638	4.36	7 1-	6ACWC	0	0	1369	318	25	1	1	0.00	4.45	0
OC921+	CO29722	4.36	7 1-	10 N FUSE	0	0	1369	318	25	1	17	0.00	4.45	0
CO29723+	OC921	4.54	7 1-	6ACWC	0	0	1316	315	25	1	1	0.01	4.45	0
CO29588+	CO29723	4.63	1 1-	6ACWC	0	0	1292	313	4	0	0	0.00	4.45	0
CO29559+	CO29723	4.60	6 1-	6ACWC	0	0	1300	314	21	1	1	0.00	4.45	0
CO29586+	CO29559	4.64	1 1-	6ACWC	0	0	1287	313	15	1	1	0.00	4.45	0
CO29639+	CO29559	4.64	4 1-	6ACWC	0	0	1287	313	5	0	0	0.00	4.45	0
CO29640+	CO29639	4.72	4 1-	6ACWC	0	0	1267	311	5	0	0	0.00	4.46	0
CO29641+	CO29640	4.87	3 1-	6ACWC	0	0	1227	309	5	0	0	0.00	4.46	0
CO29642+	CO29641	5.19	2 1-	6ACWC	0	0	1150	303	5	0	0	0.00	4.46	0
CO29643+	CO29642	5.42	1 1-	6ACWC	0	0	1100	299	0	0	0	0.00	4.46	0
CO29599+	CO29638	4.39	0 1-	4ACSR	0	0	1360	318	0	0	0	0.00	4.44	0
CO29598+	CO29638	4.42	1 1-	4ACSR	0	0	1350	317	4	0	0	0.00	4.45	0
CO29644+	CO29638	4.44	1220 3-	1/0ACSR	1655	1552	1353	317	5715	131	57	0.10	4.54	875
CO30577+	CO29644	4.46	1219 3-	1/0ACSR	1650	1548	1348	317	5697	131	57	0.02	4.56	198
CO29558+	CO30577	4.65	1218 3-	1/0ACSR	1610	1511	1310	315	5688	131	57	0.20	4.77	1867
CO29645+	CO29558	4.69	2 1-	4ACSR	0	0	1297	315	5	0	0	0.00	4.77	0

Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29646+	CO29645	4.78	2 1-	4ACSR	0	0	1273	313	5	0	0	0.00	4.77	0
CO29647+	CO29646	4.91	1 1-	4ACSR	0	0	1239	310	1	0	0	0.00	4.77	0
CO29560+	CO29558	4.86	1216 3-	1/0ACSR	1568	1471	1271	314	5674	130	57	0.22	4.99	2049
CO29718+	CO29560	4.86	111 1-	4ACSR	0	0	1269	313	493	34	25	0.01	4.99	4
OC920+	CO29718	4.86	111 1-	10 N FUSE	0	0	1269	313	493	34	346	0.00	4.99	0
CO29719+	OC920	4.92	111 1-	4ACSR	0	0	1253	312	493	34	25	0.05	5.04	38
CO29721+	CO29719	4.93	111 1-	4ACSR	0	0	1252	312	492	34	25	0.01	5.05	4
SW930-B+	CO29721	4.93	0 1-	Open	0	0	1252	312	0	0	0	0.00	5.05	0
SW930-A+	CO29721	4.93	0 1-	Open	0	0	1252	312	0	0	0	0.00	5.05	0
CO29720+	CO29721	5.00	111 1-	4ACSR	0	0	1233	311	492	34	25	0.06	5.10	46
CO29595+	CO29720	5.05	1 1-	4ACSR	0	0	1221	310	0	0	0	0.00	5.10	0
CO29713+	CO29720	5.05	110 1-	4ACSR	0	0	1221	310	492	34	25	0.04	5.14	30
CO29712+	CO29713	5.26	110 1-	4ACSR	0	0	1171	306	492	34	25	0.16	5.30	133
CO29714+	CO29712	5.47	6 1-	4ACSR	0	0	1124	302	42	2	2	0.01	5.31	0
CO29715+	CO29714	5.52	4 1-	4ACSR	0	0	1112	302	30	2	2	0.00	5.32	0
CO29594+	CO29715	5.67	1 1-	4ACSR	0	0	1080	299	12	0	1	0.00	5.32	0
CO29593+	CO29715	5.63	3 1-	4ACSR	0	0	1089	300	18	1	1	0.00	5.32	0
CO30513+	CO29712	5.63	104 1-	4ACSR	0	0	1090	300	449	31	23	0.26	5.57	197
CO29853+	CO30513	5.72	7 1-	2ACSR	0	0	1074	299	22	1	1	0.00	5.57	0
CO29852+	CO29853	5.85	5 1-	2ACSR	0	0	1053	297	21	1	1	0.00	5.57	0
CO29976+	CO29852	5.97	4 1-	2ACSR	0	0	1036	296	12	0	0	0.00	5.57	0
CO29977+	CO29976	6.03	2 1-	2ACSR	0	0	1026	295	5	0	0	0.00	5.57	0
CO29892+	CO29977	6.09	1 1-	2ACSR	0	0	1018	294	5	0	0	0.00	5.57	0
CO29874+	CO29852	5.93	0 1-	2ACSR	0	0	1041	296	0	0	0	0.00	5.57	0
CO29875+	CO29853	5.77	2 1-	2ACSR	0	0	1067	298	1	0	0	0.00	5.57	0
CO29982+	CO30513	5.80	97 1-	2ACSR	0	0	1062	298	426	30	17	0.08	5.65	54
CO29981+	CO29982	5.89	97 1-	2ACSR	0	0	1047	297	426	30	17	0.04	5.69	30
CO29854+	CO29981	6.11	94 1-	2ACSR	0	0	1015	294	420	29	16	0.10	5.79	68
CO29954+	CO29854	6.17	3 1-	2ACSR	0	0	1006	293	12	0	0	0.00	5.79	0
CO29955+	CO29954	6.22	2 1-	2ACSR	0	0	998	293	10	0	0	0.00	5.79	0
CO29855+	CO29854	6.26	91 1-	2ACSR	0	0	993	292	408	28	16	0.07	5.86	44
CO29873+	CO29855	6.33	0 1-	2ACSR	0	0	984	291	0	0	0	0.00	5.86	0
CO29953+	CO29855	6.33	91 1-	2ACSR	0	0	983	291	408	28	16	0.03	5.89	21
CO29952+	CO29953	6.41	90 1-	2ACSR	0	0	972	291	400	28	16	0.04	5.93	23
CO29983+	CO29952	6.42	90 1-	2ACSR	0	0	971	290	400	28	16	0.00	5.93	0
OC933+	CO29983	6.42	90 1-	50 H OCR	0	0	971	290	400	28	57	0.00	5.93	0
CO29984+	OC933	6.53	90 1-	2ACSR	0	0	957	289	400	28	16	0.05	5.98	32
CO29938+	CO29984	6.56	90 1-	2ACSR	0	0	952	289	400	28	16	0.01	5.99	9
CO29856+	CO29938	6.69	89 1-	2ACSR	0	0	937	287	397	28	16	0.05	6.05	34
CO29859+	CO29856	6.72	5 1-	2ACSR	0	0	932	287	17	1	1	0.00	6.05	0
CO29877+	CO29859	6.79	1 1-	2ACSR	0	0	924	286	2	0	0	0.00	6.05	0
CO29939+	CO29859	6.84	3 1-	2ACSR	0	0	918	286	15	1	1	0.00	6.05	0
CO29974+	CO29939	6.88	1 1-	2ACSR	0	0	913	285	2	0	0	0.00	6.05	0
CO29975+	CO29974	6.95	1 1-	2ACSR	0	0	905	285	2	0	0	0.00	6.05	0
CO29941+	CO29939	6.90	0 1-	2ACSR	0	0	911	285	0	0	0	0.00	6.05	0
CO29896+	CO29941	6.97	0 1-	2ACSR	0	0	903	284	0	0	0	0.00	6.05	0
CO29940+	CO29939	6.88	2 1-	2ACSR	0	0	914	285	13	0	1	0.00	6.05	0
CO29857+	CO29856	6.93	84 1-	2ACSR	0	0	907	285	380	26	15	0.10	6.15	63
CO29878+	CO29857	6.96	1 1-	2ACSR	0	0	903	284	2	0	0	0.00	6.15	0
CO29858+	CO29857	7.07	83 1-	2ACSR	0	0	891	283	378	26	15	0.05	6.20	32
CO29943+	CO29858	7.10	2 1-	2ACSR	0	0	887	283	5	0	0	0.00	6.20	0
CO29944+	CO29943	7.12	2 1-	2ACSR	0	0	885	283	5	0	0	0.00	6.20	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29945+	CO29944	7.18	2 1-	2ACSR	0	0	879	282	5	0	0	0.00	6.20	0
CO29946+	CO29945	7.35	1 1-	2ACSR	0	0	860	280	5	0	0	0.00	6.21	0
CO29947+	CO29946	7.48	1 1-	2ACSR	0	0	847	279	5	0	0	0.00	6.21	0
CO29956+	CO29858	7.13	73 1-	2ACSR	0	0	884	283	344	24	14	0.02	6.23	14
CO29957+	CO29956	7.26	72 1-	2ACSR	0	0	870	281	342	24	13	0.05	6.28	26
CO29958+	CO29957	7.43	70 1-	2ACSR	0	0	852	279	334	23	13	0.06	6.34	33
CO29882+	CO29958	7.48	0 1-	2ACSR	0	0	846	279	0	0	0	0.00	6.34	0
CO29881+	CO29958	7.49	1 1-	2ACSR	0	0	846	279	4	0	0	0.00	6.34	0
CO29860+	CO29958	7.48	69 1-	2ACSR	0	0	846	279	329	23	13	0.02	6.36	11
CO29883+	CO29860	7.56	2 1-	2ACSR	0	0	839	278	9	0	0	0.00	6.36	0
CO29861+	CO29860	7.54	66 1-	2ACSR	0	0	840	278	314	22	12	0.02	6.38	11
CO29889+	CO29861	7.60	1 1-	4ACSR	0	0	832	277	9	0	0	0.00	6.38	0
CO29865+	CO29861	7.65	65 1-	4ACSR	0	0	826	277	305	21	15	0.05	6.43	27
CO29862+	CO29865	7.73	62 1-	2ACSR	0	0	819	276	288	20	11	0.02	6.46	11
CO29966+	CO29862	7.82	1 1-	4ACSR	0	0	808	274	13	0	1	0.00	6.46	0
CO29967+	CO29966	7.84	0 1-	4ACSR	0	0	806	274	0	0	0	0.00	6.46	0
CO29968+	CO29862	7.80	55 1-	2ACSR	0	0	812	275	257	18	10	0.02	6.48	8
CO29969+	CO29968	7.82	54 1-	2ACSR	0	0	810	275	252	17	10	0.01	6.48	3
CO29970+	CO29969	7.92	53 1-	2ACSR	0	0	801	274	248	17	10	0.03	6.51	10
CO29971+	CO29970	8.00	53 1-	2ACSR	0	0	793	273	248	17	10	0.02	6.53	9
CO29863+	CO29971	8.24	3 1-	2ACSR	0	0	772	271	16	1	1	0.00	6.54	0
CO29890+	CO29863	8.29	1 1-	2ACSR	0	0	768	270	12	0	0	0.00	6.54	0
CO29948+	CO29863	8.36	2 1-	4ACSR	0	0	759	269	4	0	0	0.00	6.54	0
CO29949+	CO29948	8.38	1 1-	4ACSR	0	0	757	269	0	0	0	0.00	6.54	0
CO29950+	CO29949	8.42	1 1-	4ACSR	0	0	753	268	0	0	0	0.00	6.54	0
CO29951+	CO29971	8.08	48 1-	2ACSR	0	0	786	272	215	15	8	0.02	6.55	6
CO29972+	CO29951	8.16	47 1-	2ACSR	0	0	779	271	211	14	8	0.02	6.57	6
CO29973+	CO29972	8.23	46 1-	2ACSR	0	0	773	271	209	14	8	0.02	6.58	5
CO30485+	CO29973	8.52	44 1-	2ACSR	0	0	748	268	208	14	8	0.07	6.65	22
CO30046+	CO30485	8.76	43 1-	2ACSR	0	0	730	265	207	14	8	0.05	6.70	18
CO30009+	CO30046	8.89	2 1-	2ACSR	0	0	719	264	8	0	0	0.00	6.71	0
CO30047+	CO30046	8.85	41 1-	2ACSR	0	0	723	265	199	14	8	0.02	6.72	6
CO30048+	CO30047	9.04	40 1-	2ACSR	0	0	709	263	197	13	8	0.04	6.76	13
CO30011+	CO30048	9.11	2 1-	2ACSR	0	0	703	262	5	0	0	0.00	6.76	0
CO30016+	CO30011	9.19	1 1-	4ACSR	0	0	697	261	2	0	0	0.00	6.76	0
CO29994+	CO30048	9.19	38 1-	2ACSR	0	0	698	261	192	13	8	0.03	6.80	10
CO30010+	CO29994	9.25	1 1-	2ACSR	0	0	693	261	7	0	0	0.00	6.80	0
CO29993+	CO29994	9.26	36 1-	2ACSR	0	0	693	261	180	12	7	0.01	6.81	4
CO30049+	CO29993	9.28	2 1-	2ACSR	0	0	691	260	0	0	0	0.00	6.81	0
CO30050+	CO30049	9.36	1 1-	2ACSR	0	0	686	260	0	0	0	0.00	6.81	0
CO29992+	CO29993	9.43	34 1-	2ACSR	0	0	681	259	180	12	7	0.03	6.84	10
CO30087+	CO29992	9.44	20 1-	2ACSR	0	0	681	259	97	6	4	0.00	6.85	0
OC934+	CO30087	9.44	20 1-	15 H OCR	0	0	681	259	97	6	46	0.00	6.85	0
CO30088+	OC934	9.88	20 1-	2ACSR	0	0	652	255	97	6	4	0.05	6.89	7
CO29985+	CO30088	10.16	15 1-	2ACSR	0	0	635	253	85	5	3	0.02	6.92	3
CO30064+	CO29985	10.19	13 1-	2ACSR	0	0	634	252	81	5	3	0.00	6.92	0
CO30065+	CO30064	10.24	12 1-	2ACSR	0	0	630	252	78	5	3	0.00	6.92	0
CO30066+	CO30065	10.59	11 1-	2ACSR	0	0	611	249	69	4	3	0.02	6.95	2
CO30067+	CO30066	10.69	9 1-	2ACSR	0	0	605	248	56	3	2	0.01	6.95	0
CO29998+	CO30067	10.86	0 1-	2ACSR	0	0	596	247	0	0	0	0.00	6.95	0
CO30068+	CO30067	10.77	9 1-	2ACSR	0	0	601	247	56	3	2	0.00	6.96	0
CO30069+	CO30068	10.87	7 1-	2ACSR	0	0	596	246	55	3	2	0.01	6.96	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30072+	CO30069	10.91	6 1-	2ACSR	0	0	594	246	48	3	2	0.00	6.97	0
CO30073+	CO30072	10.97	6 1-	2ACSR	0	0	591	246	48	3	2	0.00	6.97	0
CO30484+	CO30073	11.18	4 1-	2ACSR	0	0	580	244	35	2	1	0.01	6.98	0
CO29897+	CO30484	11.21	1 1-	2ACSR	0	0	579	244	13	0	0	0.00	6.98	0
CO29915+	CO29897	11.43	1 1-	1/0PRIURD	0	0	571	392	13	0	1	0.00	6.98	0
CO29913+	CO30484	11.27	3 1-	2ACSR	0	0	576	243	22	1	1	0.00	6.98	0
CO29914+	CO29913	11.33	1 1-	2ACSR	0	0	573	243	1	0	0	0.00	6.98	0
CO30000+	CO30073	11.01	1 1-	2ACSR	0	0	589	245	9	0	0	0.00	6.97	0
CO29999+	CO30073	11.10	1 1-	2ACSR	0	0	584	244	5	0	0	0.00	6.97	0
CO30070+	CO30069	10.93	1 1-	4ACSR	0	0	592	246	7	0	0	0.00	6.96	0
CO30071+	CO30070	11.05	1 1-	4ACSR	0	0	584	244	7	0	0	0.00	6.96	0
CO29997+	CO29985	10.23	1 1-	2ACSR	0	0	631	252	2	0	0	0.00	6.92	0
CO30058+	CO30088	9.94	4 1-	2ACSR	0	0	648	254	10	0	0	0.00	6.89	0
CO30089+	CO30058	10.18	3 1-	2ACSR	0	0	634	252	8	0	0	0.00	6.89	0
CO30059+	CO30089	10.19	3 1-	2ACSR	0	0	633	252	8	0	0	0.00	6.89	0
CO30060+	CO30059	10.44	1 1-	2ACSR	0	0	619	250	7	0	0	0.00	6.90	0
CO30013+	CO30060	10.54	0 1-	2ACSR	0	0	613	249	0	0	0	0.00	6.90	0
CO30061+	CO30060	10.55	1 1-	2ACSR	0	0	613	249	7	0	0	0.00	6.90	0
CO30062+	CO30061	10.59	1 1-	2ACSR	0	0	611	249	7	0	0	0.00	6.90	0
CO30063+	CO30062	10.72	1 1-	2ACSR	0	0	604	248	7	0	0	0.00	6.90	0
CO29991+	CO29992	9.66	14 1-	2ACSR	0	0	666	257	82	5	3	0.02	6.87	3
CO30012+	CO29991	9.80	1 1-	2ACSR	0	0	657	256	2	0	0	0.00	6.87	0
CO29995+	CO29991	9.87	12 1-	2ACSR	0	0	653	255	78	5	3	0.02	6.88	2
CO30090+	CO29995	10.06	11 1-	2ACSR	0	0	641	253	67	4	3	0.01	6.90	0
CO30051+	CO30090	10.14	10 1-	2ACSR	0	0	636	253	58	4	2	0.00	6.90	0
CO30056+	CO30051	10.29	3 1-	2ACSR	0	0	627	251	5	0	0	0.00	6.90	0
CO30057+	CO30056	10.46	2 1-	2ACSR	0	0	618	250	5	0	0	0.00	6.90	0
CO30052+	CO30051	10.26	7 1-	2ACSR	0	0	630	252	53	3	2	0.01	6.91	0
CO29996+	CO30052	10.32	1 1-	2ACSR	0	0	626	251	6	0	0	0.00	6.91	0
CO30053+	CO30052	10.28	5 1-	2ACSR	0	0	628	252	36	2	1	0.00	6.91	0
CO30054+	CO30053	10.33	4 1-	2ACSR	0	0	625	251	31	2	1	0.00	6.91	0
CO30018+	CO30054	10.38	3 1-	2ACSR	0	0	623	251	22	1	1	0.00	6.91	0
CO758365666+	CO30018	10.38	2 1-	2ACSR	0	0	622	251	15	1	1	0.00	6.91	0
CO1698527219+	CO758365666	10.43	1 1-	2ACSR	0	0	619	250	6	0	0	0.00	6.91	0
CO30055+	CO30054	10.38	1 1-	2ACSR	0	0	622	251	8	0	0	0.00	6.91	0
CO30014+	CO29995	9.91	1 1-	2ACSR	0	0	650	255	11	0	0	0.00	6.88	0
CO29886+	CO29973	8.29	1 1-	2ACSR	0	0	768	270	1	0	0	0.00	6.58	0
CO29959+	CO29862	7.79	5 1-	2ACSR	0	0	813	275	14	0	1	0.00	6.46	0
CO29960+	CO29959	7.82	4 1-	2ACSR	0	0	811	275	13	0	1	0.00	6.46	0
CO29961+	CO29960	7.86	3 1-	2ACSR	0	0	806	274	13	0	1	0.00	6.46	0
CO29962+	CO29961	8.05	2 1-	2ACSR	0	0	789	272	9	0	0	0.00	6.46	0
CO29963+	CO29962	8.18	2 1-	2ACSR	0	0	778	271	9	0	0	0.00	6.46	0
CO29964+	CO29963	8.37	1 1-	2ACSR	0	0	761	269	0	0	0	0.00	6.46	0
CO29965+	CO29964	8.46	1 1-	2ACSR	0	0	754	268	0	0	0	0.00	6.46	0
CO29885+	CO29865	7.81	1 1-	2ACSR	0	0	812	275	7	0	0	0.00	6.43	0
CO29884+	CO29865	7.71	2 1-	2ACSR	0	0	820	276	10	0	0	0.00	6.43	0
CO29880+	CO29858	7.16	3 1-	2ACSR	0	0	881	282	10	0	0	0.00	6.20	0
CO29879+	CO29858	7.20	1 1-	2ACSR	0	0	877	282	1	0	0	0.00	6.20	0
CO29876+	CO29938	6.63	1 1-	2ACSR	0	0	944	288	3	0	0	0.00	5.99	0
CO29891+	CO29953	6.39	1 1-	2ACSR	0	0	976	291	8	0	0	0.00	5.89	0
CO29978+	CO29981	6.01	3 1-	2ACSR	0	0	1029	295	6	0	0	0.00	5.69	0
CO29979+	CO29978	6.04	3 1-	2ACSR	0	0	1025	295	6	0	0	0.00	5.69	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29980+	CO29979	6.08	2 1-	2ACSR	0	0	1019	294	5	0	0	0.00	5.69	0
CO29648+	CO29560	4.92	1100 3-	1/0ACSR	1556	1460	1259	313	5145	118	52	0.06	5.05	496
CO29649+	CO29648	5.03	1099 3-	1/0ACSR	1535	1441	1240	312	5143	118	52	0.11	5.15	887
CO29604+	CO29649	5.07	0 1-	2ACSR	0	0	1231	311	0	0	0	0.00	5.15	0
CO29650+	CO29649	5.08	1098 3-	1/0ACSR	1525	1431	1230	311	5129	118	52	0.05	5.21	455
CO29651+	CO29650	5.22	1097 3-	1/0ACSR	1500	1408	1207	310	5122	118	52	0.13	5.34	1068
CO29561+	CO29651	5.36	1096 3-	2HDCU	1477	1386	1185	309	5107	118	49	0.13	5.47	1121
CO29592+	CO29561	5.42	3 1-	4ACSR	0	0	1172	308	17	1	1	0.00	5.47	0
CO29652+	CO29592	5.46	1 1-	4ACSR	0	0	1161	307	9	0	0	0.00	5.47	0
CO29736+	CO29652	5.52	1 1-	4ACSR	0	0	1148	306	9	0	0	0.00	5.47	0
CO29653+	CO29736	5.56	1 1-	4ACSR	0	0	1140	305	9	0	0	0.00	5.47	0
CO29737+	CO29561	5.70	1093 3-	2HDCU	1423	1336	1135	306	5085	117	49	0.32	5.79	2671
CO29654+	CO29737	5.90	1093 3-	2HDCU	1393	1307	1107	304	5072	117	49	0.19	5.98	1603
CO29660+	CO29654	6.00	1091 3-	2HDCU	1379	1295	1095	303	5065	117	49	0.09	6.06	742
CO29661+	CO29660	7.11	1091 3-	2HDCU	1236	1161	966	294	5061	117	49	1.03	7.09	8673
REG359+	CO29661	7.11	1091 3-	200	1236	1161	966	294	5021	117	59	-7.09	0.00	0
CO29662+	REG359	7.15	1091 3-	2HDCU	1230	1156	962	294	5021	111	46	0.04	0.04	332
CO29732+	CO29662	7.16	989 3-	2HDCU	1229	1155	961	294	4673	103	43	0.01	0.05	52
OC967+	CO29732	7.16	989 3-	WVE	1229	1155	961	294	4673	103	18	0.00	0.05	0
CO29733+	OC967	7.50	989 3-	2HDCU	1191	1120	928	291	4673	103	43	0.27	0.32	2020
CO29571+	CO29733	7.57	0 1-	4ACSR	0	0	917	290	0	0	0	0.00	0.32	0
CO29708+	CO29733	7.71	988 3-	1/0ACSR	1166	1097	907	289	4664	103	45	0.18	0.50	1338
CO30406+	CO29708	8.09	988 3-	1/0ACSR	1125	1059	872	286	4657	103	45	0.31	0.81	2327
CO27485+	CO30406	8.24	1 1-	4ACSR	0	0	852	284	0	0	0	0.00	0.81	0
CO27511+	CO30406	8.32	987 3-	1/0ACSR	1102	1037	852	284	4646	103	45	0.19	1.00	1396
CO27512+	CO27511	8.41	987 3-	1/0ACSR	1093	1029	845	284	4640	103	45	0.07	1.07	532
CO27513+	CO27512	9.01	987 3-	1/0ACSR	1036	976	797	279	4637	103	45	0.50	1.57	3714
CO27514+	CO27513	9.12	987 3-	1/0ACSR	1027	968	790	278	4620	103	45	0.09	1.65	638
CO27462+	CO27514	9.29	983 3-	1/0ACSR	1012	954	777	277	4587	102	45	0.14	1.79	1044
CO27535+	CO27462	9.34	751 3-	1/0ACSR	1008	950	774	276	3522	78	34	0.03	1.82	177
CO1671651278+	CO27535	9.37	751 3-	2ACSR	1005	947	771	276	3521	78	44	0.03	1.86	193
CO-1000846053+	CO1671651278	9.38	751 3-	2ACSR	1003	946	770	276	3520	78	44	0.01	1.87	63
CO27547+	CO-1000846053	9.56	747 3-	1/0ACSR	989	932	758	275	3514	78	34	0.10	1.97	615
CO27548+	CO27547	9.69	745 3-	1/0ACSR	979	923	750	274	3506	78	34	0.08	2.05	459
CO27549+	CO27548	9.81	745 3-	1/0ACSR	969	914	742	273	3504	78	34	0.07	2.12	436
CO27465+	CO27549	9.85	744 3-	1/0ACSR	966	911	739	273	3497	78	34	0.02	2.15	134
CO27493+	CO27465	9.94	0 1-	4ACSR	0	0	730	271	0	0	0	0.00	2.15	0
CO27550+	CO27465	9.87	743 3-	1/0ACSR	964	909	737	272	3489	78	34	0.02	2.16	94
CO27551+	CO27550	10.02	743 3-	1/0ACSR	953	899	728	271	3488	78	34	0.09	2.25	506
CO27552+	CO27551	10.08	743 3-	1/0ACSR	948	894	724	271	3486	78	34	0.04	2.29	233
CO27494+	CO27552	10.13	1 1-	4ACSR	0	0	720	270	0	0	0	0.00	2.29	0
CO27553+	CO27552	10.12	742 3-	1/0ACSR	945	892	722	271	3485	78	34	0.02	2.31	111
CO27554+	CO27553	10.20	740 3-	1/0ACSR	939	886	717	270	3473	78	34	0.05	2.35	288
CO27555+	CO27554	10.27	739 3-	1/0ACSR	934	881	713	269	3469	77	34	0.04	2.40	263
CO27556+	CO27555	10.29	739 3-	1/0ACSR	933	880	712	269	3468	77	34	0.01	2.41	43
CO27557+	CO27556	10.35	739 3-	1/0ACSR	928	876	708	269	3467	77	34	0.04	2.44	221
CO27570+	CO27557	10.42	363 3-	1/0ACSR	923	871	704	268	1557	34	15	0.02	2.46	47
CO27571+	CO27570	10.47	362 3-	1/0ACSR	920	868	701	268	1553	34	15	0.01	2.48	39
CO27569+	CO27571	10.54	361 3-	1/0ACSR	915	863	697	267	1537	34	15	0.02	2.49	46
CO27568+	CO27569	10.60	361 3-	1/0ACSR	910	859	694	267	1536	34	15	0.02	2.51	43
CO27567+	CO27568	10.66	360 3-	1/0ACSR	906	855	691	267	1536	34	15	0.02	2.53	41
CO27566+	CO27567	10.75	357 3-	1/0ACSR	900	850	686	266	1531	34	15	0.02	2.55	58

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27495+	CO27566	10.80	1 1-	4ACSR	0	0	681	265	9	0	0	0.00	2.55	0
CO27687+	CO27566	10.75	356 3-	1/0ACSR	900	850	685	266	1521	34	15	0.00	2.55	4
OC845+	CO27687	10.75	356 3-	70 E OCR	900	850	685	266	1521	34	49	0.00	2.55	0
CO27688+	OC845	10.91	356 3-	1/0ACSR	889	840	677	265	1521	34	15	0.04	2.59	105
CO27574+	CO27688	10.94	353 3-	1/0ACSR	887	838	675	265	1515	34	15	0.01	2.60	20
CO27575+	CO27574	11.03	352 3-	1/0ACSR	882	832	670	264	1515	34	15	0.02	2.62	60
CO27467+	CO27575	11.10	324 3-	1/0ACSR	877	828	667	264	1412	31	14	0.02	2.63	38
CO27500+	CO27467	11.16	1 1-	4ACSR	0	0	662	263	5	0	0	0.00	2.63	0
CO27468+	CO27467	11.23	323 3-	1/0ACSR	869	821	660	263	1407	31	14	0.03	2.67	76
CO27618+	CO27468	11.32	322 3-	1/0ACSR	863	815	655	262	1407	31	14	0.02	2.69	55
CO27619+	CO27618	11.51	321 3-	1/0ACSR	851	804	646	261	1406	31	14	0.04	2.73	108
CO27620+	CO27619	11.65	320 3-	1/0ACSR	843	797	640	260	1405	31	14	0.03	2.76	77
CO27621+	CO27620	11.69	320 3-	1/0ACSR	841	794	638	259	1404	31	14	0.01	2.77	24
CO27622+	CO27621	11.78	320 3-	1/0ACSR	835	789	633	259	1404	31	14	0.02	2.79	52
CO27499+	CO27622	11.84	1 1-	4ACSR	0	0	629	258	4	0	0	0.00	2.79	0
CO27510+	CO27622	11.93	319 3-	1/0ACSR	827	781	626	258	1400	31	14	0.03	2.83	87
CO27473+	CO27510	11.99	1 1-	4ACSR	0	0	622	257	8	0	0	0.00	2.83	0
CO27623+	CO27510	12.04	318 3-	1/0ACSR	820	775	621	257	1391	31	14	0.02	2.85	61
CO27624+	CO27623	12.26	317 3-	1/0ACSR	808	764	611	256	1390	31	14	0.05	2.90	126
CO27453+	CO27624	12.30	316 3-	1/0ACSR	806	762	610	255	1389	31	14	0.01	2.91	20
CO27625+	CO27453	12.34	314 3-	1/0ACSR	804	760	608	255	1387	31	14	0.01	2.92	27
CO27626+	CO27625	12.47	314 3-	1/0ACSR	797	753	602	254	1387	31	14	0.03	2.95	69
CO27629+	CO27626	12.65	311 3-	1/0ACSR	787	744	595	253	1361	30	13	0.04	2.99	99
CO30580+	CO27629	12.75	310 3-	1/0ACSR	782	740	591	252	1353	30	13	0.02	3.01	53
CO27630+	CO30580	12.89	308 3-	1/0ACSR	775	733	585	251	1343	30	13	0.03	3.04	75
CO27631+	CO27630	12.96	4 2-	2ACSR	0	729	582	251	42	1	1	0.00	3.05	0
CO27505+	CO27631	12.99	1 1-	2ACSR	0	0	580	251	3	0	0	0.00	3.05	0
CO27632+	CO27631	13.01	3 2-	2ACSR	0	726	579	250	39	1	1	0.00	3.05	0
CO30685+	CO27630	13.00	1 3-	1/0ACSR	770	728	581	251	3	0	0	0.00	3.04	0
CO27633+	CO27630	12.90	302 3-	1/0ACSR	774	733	585	251	1287	29	13	0.00	3.05	3
CA73+	CO27633	12.90	0 3-	Capacitor	774	733	585	251	0	-7	0	0.00	3.05	0
CO27634+	CO27633	12.94	302 3-	1/0ACSR	772	731	583	251	1287	29	13	0.01	3.06	21
CO27635+	CO27634	13.01	302 3-	1/0ACSR	769	727	580	251	1287	29	13	0.02	3.08	36
CO27657+	CO27635	13.09	154 3-	1/0ACSR	765	724	577	250	647	14	6	0.01	3.09	10
CO27658+	CO27657	13.28	154 3-	1/0ACSR	756	715	570	249	646	14	6	0.02	3.11	24
CO27659+	CO27658	13.70	153 3-	1/0ACSR	736	697	554	246	641	14	6	0.05	3.16	52
CO-1869686288+	CO27659	13.77	152 3-	2ACSR	732	693	551	246	638	14	8	0.01	3.18	14
CO-419309368+	CO-1869686288	14.08	151 3-	2ACSR	715	677	538	243	637	14	8	0.06	3.24	61
CO27460+	CO-419309368	14.16	147 3-	1/0ACSR	711	674	535	243	621	14	6	0.01	3.24	9
CO27673+	CO27460	14.27	107 1-	4ACSR	0	0	529	241	467	32	23	0.08	3.33	65
OC836+	CO27673	14.27	107 1-	50 E OCR	0	0	529	241	466	32	65	0.00	3.33	0
CO27674+	OC836	14.36	107 1-	4ACSR	0	0	525	240	466	32	23	0.06	3.39	49
CO27666+	CO27674	14.39	107 1-	4ACSR	0	0	524	240	466	32	23	0.02	3.41	15
CO27667+	CO27666	14.43	107 1-	4ACSR	0	0	522	239	466	32	23	0.03	3.44	22
CO30404+	CO27667	14.94	90 1-	4ACSR	0	497	234	362	362	25	18	0.30	3.74	175
CO30575+	CO30404	15.00	89 1-	4ACSR	0	0	495	233	360	25	18	0.03	3.77	19
CO27697+	CO30575	15.23	86 1-	4ACSR	0	0	485	231	349	24	17	0.13	3.90	72
CO27743+	CO27697	15.66	84 1-	4ACSR	0	0	467	226	336	23	17	0.23	4.13	128
CO27744+	CO27743	15.79	84 1-	4ACSR	0	0	462	225	336	23	17	0.07	4.20	36
CO27716+	CO27744	15.97	2 1-	4ACSR	0	0	455	223	2	0	0	0.00	4.20	0
CO27745+	CO27744	15.98	81 1-	4ACSR	0	0	454	223	333	23	17	0.10	4.30	55
CO27746+	CO27745	16.38	81 1-	4ACSR	0	0	439	219	332	23	17	0.21	4.51	117

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27747+	CO27746	16.47	80 1-	4ACSR	0	0	436	218	329	23	16	0.04	4.56	24
CO27748+	CO27747	16.54	80 1-	4ACSR	0	0	434	218	329	23	16	0.03	4.59	19
CO27749+	CO27748	16.62	79 1-	4ACSR	0	0	431	217	329	23	16	0.04	4.64	24
CO27750+	CO27749	16.77	79 1-	4ACSR	0	0	426	216	328	23	16	0.08	4.72	43
CO27751+	CO27750	17.00	79 1-	4ACSR	0	0	418	213	328	23	16	0.12	4.84	65
CO27698+	CO27751	17.03	0 1-	4ACSR	0	0	417	213	0	0	0	0.00	4.84	0
CO27820+	CO27698	17.04	0 1-	4ACSR	0	0	417	213	0	0	0	0.00	4.84	0
OC851+	CO27820	17.04	0 1-	50 H OCR	0	0	417	213	0	0	0	0.00	4.84	0
XFMR69	OC851	17.04	0 1-	167 KVA 1PH AUT	0	0	450	150	0	0	0	0.00	4.84	0
CO27822+	CO27751	17.01	79 1-	4ACSR	0	0	418	213	328	23	16	0.00	4.84	0
OC850+	CO27822	17.01	79 1-	25 E OCR	0	0	418	213	328	23	92	0.00	4.84	0
CO27823+	OC850	17.03	79 1-	4ACSR	0	0	417	213	328	23	16	0.01	4.85	8
CO27752+	CO27823	17.05	78 1-	4ACSR	0	0	416	213	322	22	16	0.01	4.86	4
CO27753+	CO27752	17.17	76 1-	4ACSR	0	0	413	212	320	22	16	0.06	4.92	33
CO27696+	CO27753	17.36	14 1-	4ACSR	0	0	407	210	45	3	2	0.01	4.94	0
CO27695+	CO27696	17.51	6 1-	4ACSR	0	0	402	209	17	1	1	0.00	4.94	0
CO1981088355+	CO27695	17.58	1 1-	2ACSR	0	0	400	208	0	0	0	0.00	4.94	0
CO27693+	CO27695	17.91	0 1-	4ACSR	0	0	390	206	0	0	0	0.00	4.94	0
CO27761+	CO27695	17.72	4 1-	4ACSR	0	0	396	207	3	0	0	0.00	4.94	0
CO-1422772200+	CO27761	17.76	0 1-	2ACSR	0	0	395	207	0	0	0	0.00	4.94	0
CO27762+	CO27761	17.77	1 1-	4ACSR	0	0	394	207	0	0	0	0.00	4.94	0
CO27694+	CO27696	17.41	7 1-	4ACSR	0	0	405	210	25	1	1	0.00	4.94	0
CO27763+	CO27694	17.51	1 1-	4ACSR	0	0	402	209	3	0	0	0.00	4.94	0
CO27764+	CO27763	17.61	1 1-	4ACSR	0	0	399	208	3	0	0	0.00	4.94	0
CO27765+	CO27694	17.44	3 1-	4ACSR	0	0	404	210	12	0	1	0.00	4.94	0
CO27766+	CO27765	17.91	1 1-	4ACSR	0	0	390	206	0	0	0	0.00	4.94	0
CO27768+	CO27765	17.48	2 1-	2ACSR	0	0	403	209	11	0	0	0.00	4.94	0
CO27769+	CO27768	17.51	1 1-	2ACSR	0	0	402	209	5	0	0	0.00	4.94	0
CO27767+	CO27769	17.53	1 1-	2ACSR	0	0	402	209	5	0	0	0.00	4.94	0
CO27754+	CO27753	17.21	62 1-	4ACSR	0	0	411	212	274	19	14	0.02	4.94	7
CO27755+	CO27754	17.52	61 1-	4ACSR	0	0	401	209	266	18	13	0.13	5.07	59
CO27756+	CO27755	17.56	61 1-	4ACSR	0	0	400	208	266	18	13	0.02	5.09	8
CO27760+	CO27756	17.90	59 1-	4ACSR	0	0	390	206	250	17	13	0.13	5.22	55
CO30401+	CO27760	18.05	59 1-	4ACSR	0	0	386	204	250	17	13	0.06	5.29	25
CO27365+	CO30401	18.19	1 1-	4ACSR	0	0	382	203	6	0	0	0.00	5.29	0
CO27366+	CO27365	18.28	1 1-	4ACSR	0	0	380	203	6	0	0	0.00	5.29	0
CO27326+	CO30401	18.12	58 1-	4ACSR	0	0	384	204	244	17	12	0.03	5.31	11
CO27325+	CO27326	18.26	56 1-	4ACSR	0	0	380	203	230	16	12	0.05	5.37	20
CO27375+	CO27325	18.37	53 1-	4ACSR	0	0	377	202	220	15	11	0.04	5.41	14
CO27376+	CO27375	18.58	52 1-	4ACSR	0	0	372	200	214	15	11	0.07	5.47	25
CO27377+	CO27376	18.73	51 1-	4ACSR	0	0	368	199	211	14	11	0.05	5.53	18
CO27378+	CO27377	18.79	50 1-	4ACSR	0	0	366	198	204	14	10	0.02	5.55	7
XFMR70	CO27378	18.79	50 1-	333 KVA 1PH AUT	0	0	512	149	204	14	63	0.51	6.05	0
CO27379	XFMR70	18.88	50 1-	4ACSR	0	0	504	148	204	28	21	0.12	6.17	41
CO27351	CO27379	18.96	1 1-	2ACSR	0	0	499	148	10	1	1	0.00	6.18	0
CO27380	CO27379	18.96	49 1-	4ACSR	0	0	497	148	194	27	20	0.10	6.27	32
CO27381	CO27380	19.08	48 1-	4ACSR	0	0	488	147	191	27	19	0.14	6.41	45
CO27451	CO27381	19.08	25 1-	4ACSR	0	0	487	147	116	16	12	0.00	6.42	0
OC835	CO27451	19.08	25 1-	15 H OCR	0	0	487	147	116	16	110	0.00	6.42	0
CO27452	OC835	19.13	25 1-	4ACSR	0	0	483	146	116	16	12	0.03	6.45	6
CO27382	CO27452	19.19	24 1-	4ACSR	0	0	478	146	106	15	11	0.04	6.49	7
CO27318	CO27382	19.33	21 1-	4ACSR	0	0	467	145	83	11	8	0.08	6.56	11

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27385	CO27318	19.57	6 1-	4ACSR	0	0	450	143	26	3	3	0.04	6.60	0
CO27386	CO27385	19.59	5 1-	4ACSR	0	0	448	143	25	3	3	0.00	6.61	0
CO27387	CO27386	19.74	3 1-	4ACSR	0	0	438	142	13	1	1	0.01	6.62	0
CO27388	CO27387	19.78	2 1-	4ACSR	0	0	435	141	11	1	1	0.00	6.62	0
CO27332	CO27388	19.88	1 1-	4ACSR	0	0	429	140	11	1	1	0.00	6.62	0
CO27389	CO27388	19.93	1 1-	4ACSR	0	0	425	140	0	0	0	0.00	6.62	0
CO27390	CO27389	20.01	0 1-	4ACSR	0	0	420	139	0	0	0	0.00	6.62	0
CO27331	CO27389	19.99	1 1-	4ACSR	0	0	421	140	0	0	0	0.00	6.62	0
CO27319	CO27318	19.52	15 1-	4ACSR	0	0	453	143	57	8	6	0.07	6.63	7
CO27333	CO27319	19.61	0 1-	4ACSR	0	0	447	143	0	0	0	0.00	6.63	0
CO27391	CO27319	19.71	15 1-	4ACSR	0	0	440	142	57	8	6	0.07	6.70	6
CO27392	CO27391	19.86	14 1-	4ACSR	0	0	430	141	54	7	5	0.05	6.75	4
CO27402	CO27392	20.15	10 1-	4ACSR	0	0	411	138	38	5	4	0.07	6.82	4
CO27403	CO27402	20.16	9 1-	4ACSR	0	0	411	138	34	4	3	0.00	6.82	0
CO27321	CO27403	20.56	9 1-	4ACSR	0	0	388	135	34	4	3	0.09	6.91	5
CO27320	CO27321	20.74	8 1-	4ACSR	0	0	378	134	31	4	3	0.04	6.94	0
CO27407	CO27320	20.86	7 1-	4ACSR	0	0	372	133	31	4	3	0.02	6.97	0
CO-1241716369	CO27407	21.10	7 1-	2ACSR	0	0	362	132	31	4	2	0.03	7.00	0
CO1381945206	CO-1241716369	21.14	6 1-	2ACSR	0	0	361	132	31	4	2	0.01	7.01	0
CO27406	CO1381945206	21.24	6 1-	4ACSR	0	0	356	131	31	4	3	0.02	7.03	0
CO27350	CO27406	21.29	1 1-	2ACSR	0	0	354	131	6	0	0	0.00	7.03	0
CO27409	CO27406	21.25	5 1-	4ACSR	0	0	355	131	25	3	3	0.00	7.03	0
CO27410	CO27409	21.29	4 1-	4ACSR	0	0	353	131	19	2	2	0.01	7.03	0
CO27411	CO27410	21.37	4 1-	4ACSR	0	0	350	130	19	2	2	0.01	7.04	0
CO27336	CO27411	21.43	1 1-	4ACSR	0	0	347	130	10	1	1	0.00	7.05	0
CO27413	CO27411	21.43	3 1-	4ACSR	0	0	347	130	9	1	1	0.00	7.05	0
CO27414	CO27413	21.48	3 1-	4ACSR	0	0	345	130	9	1	1	0.00	7.05	0
CO27415	CO27414	21.63	3 1-	4ACSR	0	0	338	129	9	1	1	0.01	7.06	0
CO27416	CO27415	21.71	3 1-	4ACSR	0	0	335	128	9	1	1	0.00	7.06	0
CO27349	CO27416	21.77	1 1-	2ACSR	0	0	333	128	3	0	0	0.00	7.06	0
CO27412	CO27416	21.77	2 1-	4ACSR	0	0	333	128	6	0	1	0.00	7.07	0
CO27338	CO27412	21.85	1 1-	4ACSR	0	0	329	127	0	0	0	0.00	7.07	0
CO27337	CO27412	21.84	1 1-	4ACSR	0	0	330	127	6	0	1	0.00	7.07	0
CO-1468795069	CO-1241716369	21.16	1 1-	2ACSR	0	0	360	132	0	0	0	0.00	7.00	0
CO1030920528	CO-1468795069	21.20	0 1-	2ACSR	0	0	359	132	0	0	0	0.00	7.00	0
CO27335	CO27320	20.79	1 1-	4ACSR	0	0	375	134	0	0	0	0.00	6.94	0
CO27334	CO27321	20.64	1 1-	4ACSR	0	0	383	135	2	0	0	0.00	6.91	0
CO27404	CO27403	20.36	0 1-	4ACSR	0	0	399	137	0	0	0	0.00	6.82	0
CO27405	CO27404	20.50	0 1-	4ACSR	0	0	391	136	0	0	0	0.00	6.82	0
CO27395	CO27392	19.95	2 1-	4ACSR	0	0	424	140	6	0	1	0.00	6.75	0
CO27396	CO27395	20.02	2 1-	4ACSR	0	0	420	139	6	0	1	0.00	6.76	0
CO27400	CO27396	20.06	1 1-	2ACSR	0	0	417	139	6	0	0	0.00	6.76	0
CO27401	CO27400	20.13	1 1-	2ACSR	0	0	414	139	6	0	0	0.00	6.76	0
CO27397	CO27396	20.14	1 1-	4ACSR	0	0	412	138	0	0	0	0.00	6.76	0
CO27398	CO27397	20.16	1 1-	4ACSR	0	0	411	138	0	0	0	0.00	6.76	0
CO27399	CO27398	20.18	1 1-	4ACSR	0	0	410	138	0	0	0	0.00	6.76	0
CO27393	CO27392	19.89	1 1-	4ACSR	0	0	428	140	2	0	0	0.00	6.75	0
CO27394	CO27393	20.00	1 1-	4ACSR	0	0	421	140	2	0	0	0.00	6.75	0
CO27383	CO27382	19.27	2 1-	4ACSR	0	0	472	145	13	1	1	0.00	6.49	0
CO27384	CO27383	19.32	1 1-	4ACSR	0	0	468	145	4	0	0	0.00	6.49	0
CO27449	CO27381	19.08	23 1-	4ACSR	0	0	487	147	75	10	8	0.00	6.41	0
OC834	CO27449	19.08	23 1-	15 H OCR	0	0	487	147	75	10	71	0.00	6.41	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27450	OC834	19.27	23 1-	4ACSR	0	0	472	145	75	10	8	0.09	6.50	11
CO27327	CO27450	19.39	22 1-	4ACSR	0	0	463	144	75	10	8	0.06	6.56	8
CO27425	CO27327	19.65	18 1-	4ACSR	0	0	444	142	58	8	6	0.10	6.66	9
CO27426	CO27425	19.71	17 1-	4ACSR	0	0	440	142	55	7	6	0.02	6.68	0
CO27328	CO27426	19.80	17 1-	4ACSR	0	0	434	141	55	7	6	0.03	6.71	3
CO27435	CO27328	19.98	9 1-	4ACSR	0	0	422	140	39	5	4	0.05	6.76	3
CO27436	CO27435	20.07	9 1-	4ACSR	0	0	416	139	39	5	4	0.02	6.78	0
CO27437	CO27436	20.13	9 1-	4ACSR	0	0	413	139	39	5	4	0.01	6.79	0
CO27329	CO27437	20.21	5 1-	4ACSR	0	0	408	138	23	3	2	0.01	6.81	0
CO27344	CO27329	20.28	0 1-	4ACSR	0	0	403	137	0	0	0	0.00	6.81	0
CO27443	CO27329	20.26	4 1-	4ACSR	0	0	404	138	21	2	2	0.01	6.81	0
CO27444	CO27443	20.32	4 1-	4ACSR	0	0	401	137	21	2	2	0.01	6.82	0
CO27345	CO27444	20.38	1 1-	4ACSR	0	0	398	137	9	1	1	0.00	6.82	0
CO27447	CO27444	20.38	1 1-	4ACSR	0	0	398	137	3	0	0	0.00	6.82	0
CO27448	CO27447	20.44	1 1-	4ACSR	0	0	394	136	3	0	0	0.00	6.82	0
CO27446	CO27448	20.46	0 1-	4ACSR	0	0	393	136	0	0	0	0.00	6.82	0
CO27445	CO27446	20.53	0 1-	4ACSR	0	0	389	136	0	0	0	0.00	6.82	0
CO27438	CO27437	20.24	4 1-	4ACSR	0	0	406	138	17	2	2	0.01	6.80	0
CO27439	CO27438	20.25	3 1-	4ACSR	0	0	405	138	13	1	1	0.00	6.81	0
CO27343	CO27439	20.46	1 1-	4ACSR	0	0	393	136	4	0	0	0.00	6.81	0
CO27441	CO27439	20.35	2 1-	4ACSR	0	0	399	137	10	1	1	0.01	6.81	0
CO27442	CO27441	20.40	2 1-	4ACSR	0	0	396	137	10	1	1	0.00	6.81	0
CO27440	CO27442	20.42	1 1-	4ACSR	0	0	395	136	0	0	0	0.00	6.81	0
CO27427	CO27328	19.89	8 1-	4ACSR	0	0	428	140	16	2	2	0.01	6.72	0
CO27428	CO27427	19.96	6 1-	4ACSR	0	0	423	140	13	1	1	0.01	6.73	0
CO27429	CO27428	20.03	6 1-	4ACSR	0	0	419	139	13	1	1	0.01	6.73	0
CO27430	CO27429	20.20	6 1-	4ACSR	0	0	408	138	13	1	1	0.01	6.74	0
CO27431	CO27430	20.48	5 1-	4ACSR	0	0	392	136	12	1	1	0.02	6.76	0
CO27432	CO27431	20.69	4 1-	4ACSR	0	0	381	135	8	1	1	0.01	6.77	0
CO27346	CO27432	20.84	2 1-	4ACSR	0	0	373	133	6	0	1	0.00	6.78	0
CO27433	CO27432	20.74	2 1-	4ACSR	0	0	378	134	2	0	0	0.00	6.77	0
CO27434	CO27433	20.78	2 1-	4ACSR	0	0	376	134	2	0	0	0.00	6.78	0
CO30579	CO27434	20.94	1 1-	4ACSR	0	0	367	133	0	0	0	0.00	6.78	0
CO27342	CO27426	19.80	0 1-	4ACSR	0	0	434	141	0	0	0	0.00	6.68	0
CO27417	CO27327	19.59	4 1-	4ACSR	0	0	448	143	17	2	2	0.02	6.58	0
CO27418	CO27417	19.64	3 1-	4ACSR	0	0	445	142	12	1	1	0.00	6.59	0
CO27419	CO27418	19.84	3 1-	4ACSR	0	0	431	141	12	1	1	0.01	6.60	0
CO27420	CO27419	19.88	2 1-	4ACSR	0	0	428	140	10	1	1	0.00	6.60	0
CO27421	CO27420	19.94	2 1-	4ACSR	0	0	424	140	10	1	1	0.00	6.60	0
CO27422	CO27421	19.96	1 1-	4ACSR	0	0	423	140	1	0	0	0.00	6.60	0
CO27423	CO27422	20.01	1 1-	4ACSR	0	0	420	139	1	0	0	0.00	6.61	0
CO27424	CO27423	20.07	1 1-	4ACSR	0	0	416	139	1	0	0	0.00	6.61	0
CO27341	CO27450	19.43	1 1-	4ACSR	0	0	460	144	0	0	0	0.00	6.50	0
CO27373+	CO27325	18.37	2 1-	4ACSR	0	0	377	202	6	0	0	0.00	5.37	0
CO27374+	CO27373	18.59	0 1-	4ACSR	0	0	371	200	0	0	0	0.00	5.37	0
CO27372+	CO27374	18.69	0 1-	4ACSR	0	0	369	199	0	0	0	0.00	5.37	0
CO27352+	CO27325	18.33	1 1-	2ACSR	0	0	379	202	4	0	0	0.00	5.37	0
CO27367+	CO27326	18.25	2 1-	4ACSR	0	0	381	203	14	0	1	0.00	5.32	0
CO27368+	CO27367	18.32	1 1-	4ACSR	0	0	379	202	5	0	0	0.00	5.32	0
CO27369+	CO27368	18.45	1 1-	4ACSR	0	0	375	201	5	0	0	0.00	5.32	0
CO27370+	CO27369	18.49	1 1-	4ACSR	0	0	374	201	5	0	0	0.00	5.32	0
CO27371+	CO27370	18.54	1 1-	4ACSR	0	0	373	200	5	0	0	0.00	5.32	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27757+	CO27756	17.66	1 1-	4ACSR	0	0	397	208	16	1	1	0.00	5.09	0
CO27758+	CO27757	17.69	1 1-	4ACSR	0	0	397	207	16	1	1	0.00	5.09	0
CO27759+	CO27758	17.74	1 1-	4ACSR	0	0	395	207	16	1	1	0.00	5.10	0
CO27727+	CO27823	17.07	1 1-	2ACSR	0	0	416	213	6	0	0	0.00	4.85	0
CO27715+	CO27697	15.30	1 1-	4ACSR	0	0	482	230	12	0	1	0.00	3.90	0
CO27740+	CO30575	15.07	3 1-	4ACSR	0	0	492	232	11	0	1	0.00	3.77	0
CO1640240897+	CO27740	15.10	1 1-	2ACSR	0	0	491	232	10	0	0	0.00	3.77	0
CO27741+	CO27740	15.12	1 1-	4ACSR	0	0	490	232	1	0	0	0.00	3.77	0
CO27742+	CO27741	15.18	1 1-	4ACSR	0	0	487	231	1	0	0	0.00	3.77	0
CO27461+	CO27667	14.56	15 1-	4ACSR	0	0	515	238	100	6	5	0.02	3.47	3
CO30405+	CO27461	14.70	13 1-	4ACSR	0	0	508	236	96	6	5	0.02	3.49	3
CO27728+	CO30405	14.76	12 1-	4ACSR	0	0	506	236	83	5	4	0.01	3.49	0
CO27729+	CO27728	14.86	12 1-	4ACSR	0	0	501	235	83	5	4	0.01	3.51	0
CO27714+	CO27729	15.03	1 1-	4ACSR	0	0	493	233	2	0	0	0.00	3.51	0
CO27713+	CO27729	14.97	1 1-	4ACSR	0	0	496	233	12	0	1	0.00	3.51	0
CO27730+	CO27729	15.02	10 1-	4ACSR	0	0	494	233	69	4	3	0.02	3.52	0
CO27731+	CO27730	15.11	10 1-	4ACSR	0	0	490	232	69	4	3	0.01	3.53	0
CO27724+	CO27731	15.15	1 1-	4ACSR	0	0	488	232	9	0	0	0.00	3.53	0
CO27732+	CO27731	15.30	9 1-	4ACSR	0	0	482	230	59	4	3	0.02	3.55	0
CO30574+	CO27732	15.39	6 1-	4ACSR	0	0	478	229	54	3	3	0.01	3.56	0
CO27736+	CO30574	15.47	3 1-	4ACSR	0	0	474	228	41	2	2	0.00	3.56	0
CO27737+	CO27736	15.52	2 1-	4ACSR	0	0	473	228	26	1	1	0.00	3.56	0
CO27738+	CO27737	15.61	2 1-	4ACSR	0	0	469	227	26	1	1	0.00	3.57	0
CO27739+	CO27738	15.71	2 1-	4ACSR	0	0	465	226	26	1	1	0.00	3.57	0
CO27712+	CO27739	15.74	1 1-	4ACSR	0	0	464	225	14	1	1	0.00	3.57	0
CO27711+	CO27739	15.75	1 1-	4ACSR	0	0	463	225	11	0	1	0.00	3.57	0
CO27733+	CO30574	15.42	3 1-	4ACSR	0	0	477	229	13	0	1	0.00	3.56	0
CO27734+	CO27733	15.52	2 1-	4ACSR	0	0	473	228	10	0	0	0.00	3.56	0
CO27735+	CO27734	15.57	1 1-	4ACSR	0	0	471	227	2	0	0	0.00	3.56	0
CO27725+	CO30574	15.44	0 1-	4ACSR	0	0	476	228	0	0	0	0.00	3.56	0
CO30446+	CO30405	14.83	1 1-	4ACSR	0	0	503	235	13	0	1	0.00	3.49	0
CO27483+	CO27461	14.58	2 1-	4ACSR	0	0	514	238	4	0	0	0.00	3.47	0
CO27668+	CO27667	14.54	1 1-	4ACSR	0	0	516	238	4	0	0	0.00	3.44	0
CO30453+	CO27668	15.08	0 1-	4ACSR	0	0	491	232	0	0	0	0.00	3.44	0
CO27670+	CO27460	14.18	40 1-	4ACSR	0	0	534	242	155	10	8	0.01	3.25	0
CO27669+	CO27670	14.38	40 1-	4ACSR	0	0	524	240	155	10	8	0.05	3.30	12
CO27472+	CO27669	14.45	1 1-	4ACSR	0	0	520	239	1	0	0	0.00	3.30	0
CO30400+	CO27669	14.54	39 1-	4ACSR	0	0	516	238	153	10	8	0.04	3.34	10
CO27262+	CO30400	14.76	39 1-	4ACSR	0	0	506	236	153	10	8	0.05	3.39	13
CO27261+	CO27262	14.83	37 1-	4ACSR	0	0	503	235	151	10	7	0.01	3.40	4
CO27263+	CO27261	14.99	4 1-	4ACSR	0	0	495	233	4	0	0	0.00	3.40	0
CO27264+	CO27263	15.06	2 1-	4ACSR	0	0	492	233	0	0	0	0.00	3.40	0
CO27265+	CO27264	15.14	1 1-	4ACSR	0	0	489	232	0	0	0	0.00	3.40	0
CO27266+	CO27265	15.50	1 1-	4ACSR	0	0	473	228	0	0	0	0.00	3.40	0
CO27268+	CO27261	15.02	32 1-	4ACSR	0	0	494	233	140	9	7	0.04	3.44	10
CO27270+	CO27268	15.03	31 1-	4ACSR	0	0	493	233	137	9	7	0.00	3.45	0
CO27269+	CO27270	15.10	30 1-	4ACSR	0	0	491	232	128	8	6	0.01	3.46	3
CO27210+	CO27269	15.12	2 1-	2ACSR	0	0	490	232	9	0	0	0.00	3.46	0
CO27271+	CO27210	15.21	2 1-	1/0PRIURD	0	0	487	357	9	0	0	0.00	3.46	0
CO27272+	CO27271	15.40	1 1-	1/0PRIURD	0	0	482	355	0	0	0	0.00	3.46	0
CO27267+	CO27269	15.14	28 1-	4ACSR	0	0	488	232	119	8	6	0.01	3.47	0
CO27285+	CO27267	15.25	23 1-	4ACSR	0	0	484	231	92	6	5	0.01	3.48	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27287+	CO27285	15.31	21 1-	4ACSR	0	0	481	230	83	5	4	0.01	3.49	0
CO27286+	CO27287	15.53	20 1-	4ACSR	0	0	472	228	77	5	4	0.03	3.52	3
CO27290+	CO27286	15.65	16 1-	4ACSR	0	0	467	226	59	4	3	0.01	3.53	0
CO27292+	CO27290	15.67	16 1-	4ACSR	0	0	466	226	59	4	3	0.00	3.53	0
CO27291+	CO27292	15.82	15 1-	4ACSR	0	0	460	225	52	3	3	0.01	3.54	0
CO27304+	CO27291	16.02	12 1-	4ACSR	0	0	453	223	48	3	2	0.01	3.56	0
CO27303+	CO27304	16.20	11 1-	4ACSR	0	0	446	221	40	2	2	0.01	3.57	0
CO27208+	CO27303	16.28	1 1-	2ACSR	0	0	444	220	1	0	0	0.00	3.57	0
CO27186+	CO27303	16.26	9 1-	4ACSR	0	0	444	220	32	2	2	0.00	3.57	0
CO27305+	CO27186	16.36	6 1-	4ACSR	0	0	440	219	17	1	1	0.00	3.57	0
CO27306+	CO27305	16.60	6 1-	4ACSR	0	0	432	217	17	1	1	0.01	3.58	0
CO27308+	CO27306	16.71	5 1-	4ACSR	0	0	428	216	13	0	1	0.00	3.58	0
CO27307+	CO27308	16.84	4 1-	4ACSR	0	0	423	215	10	0	1	0.00	3.58	0
CO27312+	CO27307	16.95	3 1-	4ACSR	0	0	420	214	7	0	0	0.00	3.58	0
SW833-B+	CO27312	16.95	0 1-	Open	0	0	420	214	0	0	0	0.00	3.58	0
CO27309+	CO27307	17.11	1 1-	4ACSR	0	0	414	212	3	0	0	0.00	3.58	0
CO27310+	CO27309	17.21	1 1-	4ACSR	0	0	411	212	3	0	0	0.00	3.58	0
CO27197+	CO27186	16.54	2 1-	4ACSR	0	0	434	218	5	0	0	0.00	3.57	0
CO27199+	CO27303	16.34	0 1-	4ACSR	0	0	441	220	0	0	0	0.00	3.57	0
CO27293+	CO27291	15.93	3 1-	4ACSR	0	0	456	224	4	0	0	0.00	3.54	0
CO27294+	CO27293	16.03	3 1-	4ACSR	0	0	452	223	4	0	0	0.00	3.54	0
CO27295+	CO27294	16.10	3 1-	4ACSR	0	0	450	222	4	0	0	0.00	3.54	0
CO27296+	CO27295	16.14	2 1-	2ACSR	0	0	448	222	3	0	0	0.00	3.54	0
CO27297+	CO27296	16.22	2 1-	2ACSR	0	0	446	221	3	0	0	0.00	3.54	0
CO27298+	CO27297	16.28	2 1-	2ACSR	0	0	444	221	3	0	0	0.00	3.54	0
CO27299+	CO27298	16.34	2 1-	2ACSR	0	0	443	220	3	0	0	0.00	3.54	0
CO27300+	CO27299	16.41	2 1-	2ACSR	0	0	441	220	3	0	0	0.00	3.54	0
CO27301+	CO27300	16.46	2 1-	2ACSR	0	0	439	219	3	0	0	0.00	3.54	0
CO27302+	CO27301	16.51	1 1-	2ACSR	0	0	438	219	2	0	0	0.00	3.54	0
CO27288+	CO27286	15.68	3 1-	4ACSR	0	0	466	226	17	1	1	0.00	3.52	0
CO27198+	CO27288	15.72	1 1-	4ACSR	0	0	464	226	5	0	0	0.00	3.52	0
CO27289+	CO27288	15.72	1 1-	4ACSR	0	0	464	226	4	0	0	0.00	3.52	0
CO27211+	CO27285	15.30	1 1-	2ACSR	0	0	482	230	0	0	0	0.00	3.48	0
CO27273+	CO27267	15.23	5 1-	4ACSR	0	0	485	231	27	1	1	0.00	3.47	0
CO27274+	CO27273	15.27	5 1-	4ACSR	0	0	483	230	27	1	1	0.00	3.47	0
CO27200+	CO27274	15.30	0 1-	4ACSR	0	0	482	230	0	0	0	0.00	3.47	0
CO27275+	CO27274	15.34	5 1-	4ACSR	0	0	480	230	27	1	1	0.00	3.48	0
CO27276+	CO27275	15.52	5 1-	4ACSR	0	0	472	228	27	1	1	0.01	3.48	0
CO27279+	CO27276	15.58	3 1-	4ACSR	0	0	470	227	16	1	1	0.00	3.49	0
CO27283+	CO27279	15.62	2 1-	2ACSR	0	0	469	227	3	0	0	0.00	3.49	0
CO27284+	CO27283	15.69	2 1-	2ACSR	0	0	467	226	3	0	0	0.00	3.49	0
CO27616+	CO27284	15.76	2 1-	2ACSR	0	0	464	226	3	0	0	0.00	3.49	0
CO27617+	CO27616	15.83	2 1-	2ACSR	0	0	462	225	3	0	0	0.00	3.49	0
CO27615+	CO27617	15.98	2 1-	2ACSR	0	0	458	224	3	0	0	0.00	3.49	0
CO27614+	CO27615	16.28	2 1-	2ACSR	0	0	448	222	3	0	0	0.00	3.49	0
CO27281+	CO27279	15.66	1 1-	4ACSR	0	0	467	226	13	0	1	0.00	3.49	0
CO27282+	CO27281	15.74	1 1-	4ACSR	0	0	464	225	13	0	1	0.00	3.49	0
CO27280+	CO27282	15.82	1 1-	4ACSR	0	0	461	225	13	0	1	0.00	3.49	0
CO27277+	CO27276	15.58	2 1-	4ACSR	0	0	470	227	11	0	1	0.00	3.48	0
CO27278+	CO27277	15.64	2 1-	4ACSR	0	0	467	226	11	0	1	0.00	3.49	0
CO27459+	CO-419309368	14.20	4 1-	4ACSR	0	0	532	242	16	1	1	0.00	3.24	0
CO27482+	CO27459	14.22	1 1-	4ACSR	0	0	530	241	2	0	0	0.00	3.24	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27661+	CO27459	14.32	3 1-	4ACSR	0	0	526	240	14	0	1	0.00	3.24	0
CO27662+	CO27661	14.43	2 1-	4ACSR	0	0	520	239	5	0	0	0.00	3.24	0
CO27663+	CO27662	14.54	1 1-	4ACSR	0	0	515	238	0	0	0	0.00	3.24	0
CO27664+	CO27663	14.61	0 1-	4ACSR	0	0	511	237	0	0	0	0.00	3.24	0
CO27665+	CO27664	14.77	0 1-	4ACSR	0	0	504	235	0	0	0	0.00	3.24	0
CO-858230844+	CO-1869686288	13.81	1 1-	2ACSR	0	0	549	245	0	0	0	0.00	3.18	0
CO27683+	CO27635	13.02	148 3-	1/0ACSR	769	727	580	251	640	14	6	0.00	3.08	0
OC966+	CO27683	13.02	148 3-	35 E OCR	769	727	580	251	640	14	42	0.00	3.08	0
CO27684+	OC966	13.13	148 3-	1/0ACSR	763	722	575	250	640	14	6	0.01	3.09	14
CO27457+	CO27684	13.27	144 3-	1/0ACSR	756	715	570	249	629	14	6	0.02	3.11	17
CO27471+	CO27457	13.33	143 3-	1/0ACSR	753	712	567	248	628	14	6	0.01	3.12	8
CO27640+	CO27471	13.46	139 3-	1/0ACSR	747	707	562	248	616	14	6	0.02	3.13	15
CO27641+	CO27640	13.50	139 3-	1/0ACSR	745	705	561	247	616	14	6	0.00	3.14	4
CO27454+	CO27641	13.54	138 3-	1/0ACSR	743	703	559	247	608	14	6	0.01	3.14	5
CO27647+	CO27454	13.61	137 3-	1/0ACSR	740	700	556	247	606	14	6	0.01	3.15	8
CO27646+	CO27647	13.68	137 3-	1/0ACSR	737	697	554	246	606	14	6	0.01	3.16	7
XFMR68	CO27646	13.68	136 2-	500 KVA 1PH AUT	0	767	685	161	593	20	59	0.75	3.80	0
CO27679	XFMR68	13.68	18 1-	6ACWC	0	0	684	161	108	15	11	0.00	3.91	0
OC839	CO27679	13.68	18 1-	15 H OCR	0	0	684	161	108	15	100	0.00	3.91	0
CO27680	OC839	13.71	18 1-	6ACWC	0	0	680	161	108	15	11	0.02	3.93	3
CO27648	CO27680	13.93	18 1-	6ACWC	0	0	649	159	108	15	11	0.15	4.08	26
CO27649	CO27648	14.27	16 1-	6ACWC	0	0	606	155	104	14	10	0.22	4.30	37
CO27476	CO27649	14.32	1 1-	6ACWC	0	0	601	155	9	1	1	0.00	4.30	0
CO27455	CO27649	14.39	14 1-	6ACWC	0	0	592	154	93	12	9	0.07	4.37	11
CO27477	CO27455	14.44	1 1-	6ACWC	0	0	587	154	11	1	1	0.00	4.37	0
CO27650	CO27455	14.54	13 1-	6ACWC	0	0	575	153	82	11	8	0.08	4.45	10
CO27651	CO27650	14.61	12 1-	6ACWC	0	0	568	152	81	11	8	0.03	4.48	4
CO30403	CO27651	14.82	11 1-	6ACWC	0	0	546	151	72	10	7	0.09	4.57	10
CO27913	CO30403	14.91	10 1-	6ACWC	0	0	537	150	64	8	6	0.04	4.61	4
CO27841	CO27913	15.14	0 1-	6ACWC	0	0	515	148	0	0	0	0.00	4.61	0
CO27914	CO27913	15.02	10 1-	6ACWC	0	0	527	149	64	8	6	0.04	4.65	4
CO27915	CO27914	15.13	8 1-	6ACWC	0	0	516	148	54	7	5	0.04	4.68	3
CO27916	CO27915	15.18	7 1-	6ACWC	0	0	512	148	51	7	5	0.02	4.70	0
CO27917	CO27916	15.32	7 1-	6ACWC	0	0	499	146	51	7	5	0.05	4.74	4
CO27918	CO27917	15.46	7 1-	6ACWC	0	0	487	145	51	7	5	0.05	4.79	4
CO27919	CO27918	15.52	7 1-	6ACWC	0	0	482	145	51	7	5	0.02	4.81	0
CO27920	CO27919	15.58	6 1-	6ACWC	0	0	478	144	48	6	5	0.02	4.82	0
CO27921	CO27920	15.68	6 1-	6ACWC	0	0	469	144	48	6	5	0.03	4.85	2
CO27922	CO27921	15.74	6 1-	6ACWC	0	0	465	143	48	6	5	0.02	4.87	0
CO27923	CO27922	15.79	5 1-	6ACWC	0	0	461	143	45	6	4	0.02	4.89	0
CO27829	CO27923	15.94	4 1-	6ACWC	0	0	450	142	38	5	4	0.03	4.91	0
CO27843	CO27829	16.05	2 1-	6ACWC	0	0	442	141	8	1	1	0.00	4.91	0
CO27924	CO27829	16.09	1 1-	6ACWC	0	0	439	140	10	1	1	0.01	4.92	0
CO27925	CO27924	16.14	1 1-	6ACWC	0	0	435	140	10	1	1	0.00	4.93	0
CO27926	CO27925	16.30	1 1-	4ACSR	0	0	425	139	10	1	1	0.01	4.94	0
CO27982	CO27926	16.47	1 1-	4ACSR	0	0	414	138	10	1	1	0.01	4.94	0
SW860-B	CO27982	16.47	0 1-	Open	0	0	414	138	0	0	0	0.00	4.94	0
CO27842	CO27923	15.87	1 1-	6ACWC	0	0	455	142	7	1	1	0.00	4.89	0
CO30408	CO27651	14.73	1 1-	6ACWC	0	0	556	151	9	1	1	0.00	4.48	0
CO27652	XFMR68	13.71	118 2-	1/0ACSR	0	764	681	161	485	33	15	0.02	3.82	17
CO27653	CO27652	13.76	117 2-	1/0ACSR	0	758	676	161	476	33	14	0.03	3.85	22
CO36281948	CO27653	13.80	1 1-	2ACSR	0	0	671	160	12	1	1	0.00	3.74	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27654	CO27653	13.96	114 2-	1/0ACSR	0	738	656	160	453	31	14	0.13	3.98	85
CO27655	CO27654	14.14	113 2-	1/0ACSR	0	720	640	159	446	31	13	0.11	4.09	72
CO30402	CO27655	14.43	110 2-	1/0ACSR	0	694	614	158	442	30	13	0.17	4.26	116
CO27832	CO30402	14.54	71 1-	6ACWC	0	0	601	156	255	35	25	0.18	4.33	76
CO27950	CO27832	14.58	69 1-	6ACWC	0	0	596	156	250	34	25	0.06	4.40	26
CO30412	CO27950	14.81	68 1-	6ACWC	0	0	572	154	240	33	24	0.34	4.73	133
CO27998	CO30412	14.93	66 1-	6ACWC	0	0	559	153	236	33	24	0.18	4.92	72
CO27999	CO27998	15.00	65 1-	6ACWC	0	0	552	152	235	32	24	0.09	5.01	36
CO27990	CO27999	15.17	16 1-	6ACWC	0	0	535	151	57	7	6	0.06	5.07	6
CO30413	CO27990	15.36	14 1-	6ACWC	0	0	518	149	49	6	5	0.05	5.13	4
CO27704	CO30413	15.43	10 1-	6ACWC	0	0	511	149	30	4	3	0.01	5.14	0
CO30447	CO27704	15.53	3 1-	6ACWC	0	0	502	148	13	1	1	0.00	5.15	0
CO27672	CO30447	15.58	1 1-	6ACWC	0	0	498	147	3	0	0	0.00	5.15	0
CO27671	CO27672	15.62	1 1-	6ACWC	0	0	494	147	3	0	0	0.00	5.15	0
CO27705	CO27704	15.53	7 1-	6ACWC	0	0	502	148	17	2	2	0.01	5.15	0
CO27797	CO27705	15.60	2 1-	6ACWC	0	0	496	147	7	0	1	0.00	5.15	0
CO27798	CO27797	15.64	1 1-	6ACWC	0	0	493	147	7	0	1	0.00	5.16	0
CO27799	CO27798	15.71	1 1-	6ACWC	0	0	487	146	7	0	1	0.00	5.16	0
CO30448	CO27705	15.60	3 1-	6ACWC	0	0	496	147	7	0	1	0.00	5.15	0
CO27789	CO30413	15.49	2 1-	4ACSR	0	0	506	148	0	0	0	0.00	5.13	0
CO27790	CO27789	15.67	2 1-	4ACSR	0	0	490	147	0	0	0	0.00	5.13	0
CO27794	CO27790	15.73	1 1-	4ACSR	0	0	485	146	0	0	0	0.00	5.13	0
CO27795	CO27794	15.83	1 1-	4ACSR	0	0	477	145	0	0	0	0.00	5.13	0
CO27796	CO27795	15.93	1 1-	4ACSR	0	0	469	145	0	0	0	0.00	5.13	0
CO27791	CO27790	15.73	1 1-	4ACSR	0	0	485	146	0	0	0	0.00	5.13	0
CO27792	CO27791	15.79	1 1-	4ACSR	0	0	480	146	0	0	0	0.00	5.13	0
CO27793	CO27792	15.84	1 1-	4ACSR	0	0	476	145	0	0	0	0.00	5.13	0
CO27726	CO30413	15.42	1 1-	2ACSR	0	0	513	149	11	1	1	0.00	5.13	0
CO28000	CO27990	15.21	2 1-	6ACWC	0	0	532	151	8	1	1	0.00	5.08	0
CO27997	CO28000	15.22	1 1-	6ACWC	0	0	530	150	0	0	0	0.00	5.08	0
CO28001	CO28000	15.23	1 1-	6ACWC	0	0	530	150	8	1	1	0.00	5.08	0
CO28002	CO27999	15.07	48 1-	6ACWC	0	0	544	152	173	24	17	0.08	5.09	23
CO28003	CO28002	15.23	47 1-	6ACWC	0	0	530	150	166	23	17	0.16	5.25	44
CO30454	CO28003	15.53	46 1-	6ACWC	0	0	502	148	165	23	17	0.32	5.57	87
CO27721	CO30454	15.70	0 1-	6ACWC	0	0	488	146	0	0	0	0.00	5.57	0
CO27707	CO30454	15.76	44 1-	6ACWC	0	0	483	146	158	22	16	0.23	5.79	60
CO27720	CO27707	15.94	0 1-	6ACWC	0	0	469	145	0	0	0	0.00	5.79	0
CO27706	CO27707	16.07	44 1-	6ACWC	0	0	459	143	157	22	16	0.32	6.11	83
CO27708	CO27706	16.17	10 1-	6ACWC	0	0	452	143	35	4	4	0.02	6.13	0
CO27803	CO27708	16.35	10 1-	6ACWC	0	0	439	141	35	4	4	0.04	6.17	2
CO27804	CO27803	16.75	10 1-	6ACWC	0	0	413	138	35	4	4	0.09	6.26	5
CO27809	CO27804	16.82	4 1-	6ACWC	0	0	409	138	23	3	2	0.01	6.27	0
CO27810	CO27809	16.96	2 1-	6ACWC	0	0	400	137	17	2	2	0.01	6.28	0
CO27811	CO27810	17.01	1 1-	6ACWC	0	0	397	136	9	1	1	0.00	6.28	0
CO27812	CO27811	17.06	1 1-	6ACWC	0	0	395	136	9	1	1	0.00	6.28	0
CO27805	CO27804	16.81	6 1-	6ACWC	0	0	409	138	11	1	1	0.00	6.26	0
CO27807	CO27805	16.86	3 1-	6ACWC	0	0	407	138	5	0	1	0.00	6.26	0
CO27808	CO27807	16.90	1 1-	6ACWC	0	0	404	137	0	0	0	0.00	6.26	0
CO27806	CO27805	16.84	2 1-	6ACWC	0	0	407	138	4	0	0	0.00	6.26	0
CO27813	CO27708	16.34	0 1-	6ACWC	0	0	440	141	0	0	0	0.00	6.13	0
CO27814	CO27813	16.57	0 1-	6ACWC	0	0	425	140	0	0	0	0.00	6.13	0
CO27824	CO27706	16.08	34 1-	4ACSR	0	0	458	143	122	17	12	0.01	6.12	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SW852-B	CO27824	16.08	0 1-	Open	0	0	458	143	0	0	0	0.00	6.12	0
SW852-A	CO27824	16.08	0 1-	Open	0	0	458	143	0	0	0	0.00	6.12	0
CO27825	CO27824	16.12	34 1-	4ACSR	0	0	455	143	122	17	12	0.03	6.15	6
CO27788	CO27825	16.51	34 1-	4ACSR	0	0	428	140	122	17	12	0.31	6.45	63
CO27717	CO27788	16.61	6 1-	4ACSR	0	0	421	139	12	1	1	0.01	6.46	0
CO2042804594	CO27717	16.66	5 1-	2ACSR	0	0	419	139	9	1	1	0.00	6.46	0
CO253760810	CO2042804594	17.03	5 1-	2ACSR	0	0	401	137	9	1	1	0.01	6.48	0
CO2021377330	CO253760810	17.07	5 1-	2ACSR	0	0	399	137	9	1	1	0.00	6.48	0
CO829363688	CO2021377330	17.23	5 1-	2ACSR	0	0	392	136	9	1	1	0.01	6.48	0
CO1722852361	CO829363688	17.32	5 1-	2ACSR	0	0	388	136	9	1	1	0.00	6.49	0
CO27815	CO1722852361	17.41	4 1-	6ACWC	0	0	383	135	9	1	1	0.01	6.49	0
CO27816	CO27815	17.42	4 1-	6ACWC	0	0	383	135	9	1	1	0.00	6.49	0
CO27817	CO27816	17.56	2 1-	6ACWC	0	0	375	134	3	0	0	0.00	6.50	0
CO27818	CO27817	17.80	1 1-	6ACWC	0	0	363	132	2	0	0	0.00	6.50	0
CO27819	CO27818	17.89	1 1-	6ACWC	0	0	359	132	2	0	0	0.00	6.50	0
CO27723	CO1722852361	17.40	1 1-	6ACWC	0	0	384	135	0	0	0	0.00	6.49	0
CO27709	CO1722852361	17.47	0 1-	6ACWC	0	0	380	135	0	0	0	0.00	6.49	0
CO27702	CO27788	16.62	28 1-	4ACSR	0	0	421	139	110	15	11	0.08	6.53	15
CO27718	CO27702	16.72	2 1-	4ACSR	0	0	415	138	10	1	1	0.00	6.54	0
CO-2127853440	CO27702	16.75	25 1-	2ACSR	0	0	414	139	100	14	8	0.06	6.59	9
CO-1047736648	CO-2127853440	16.88	25 1-	2ACSR	0	0	408	138	100	14	8	0.06	6.65	9
CO27719	CO-1047736648	16.97	1 1-	4ACSR	0	0	402	137	2	0	0	0.00	6.65	0
CO27700	CO-1047736648	16.97	24 1-	4ACSR	0	0	402	137	98	13	10	0.06	6.71	10
CO27699	CO27700	17.01	9 1-	4ACSR	0	0	400	137	33	4	3	0.01	6.71	0
CO27770	CO27699	17.10	5 1-	4ACSR	0	0	395	136	18	2	2	0.01	6.72	0
CO27776	CO27770	17.18	5 1-	4ACSR	0	0	390	136	18	2	2	0.01	6.73	0
CO27775	CO27776	17.33	4 1-	4ACSR	0	0	382	135	16	2	2	0.02	6.75	0
CO27774	CO27775	17.72	4 1-	4ACSR	0	0	362	132	16	2	2	0.04	6.79	0
CO27773	CO27774	17.77	3 1-	4ACSR	0	0	360	132	13	1	1	0.00	6.79	0
CO27772	CO27773	17.83	3 1-	4ACSR	0	0	357	131	13	1	1	0.00	6.79	0
CO27771	CO27772	17.91	2 1-	4ACSR	0	0	353	131	6	0	1	0.00	6.80	0
CO27821	CO27771	18.05	0 1-	4ACSR	0	0	347	130	0	0	0	0.00	6.80	0
CO316916860	CO27699	17.05	1 1-	2ACSR	0	0	398	137	10	1	1	0.00	6.72	0
CO27777	CO27699	17.14	2 1-	4ACSR	0	0	393	136	0	0	0	0.00	6.71	0
CO27778	CO27777	17.20	1 1-	4ACSR	0	0	389	136	0	0	0	0.00	6.71	0
CO27779	CO27778	17.24	1 1-	4ACSR	0	0	387	135	0	0	0	0.00	6.71	0
CO27780	CO27779	17.41	1 1-	4ACSR	0	0	378	134	0	0	0	0.00	6.71	0
CO27781	CO27780	17.50	1 1-	4ACSR	0	0	373	133	0	0	0	0.00	6.71	0
CO27703	CO27700	17.08	15 1-	4ACSR	0	0	396	136	65	9	7	0.05	6.75	5
CO27784	CO27703	17.18	15 1-	4ACSR	0	0	391	136	65	9	7	0.04	6.79	4
CO27785	CO27784	17.31	12 1-	4ACSR	0	0	383	135	56	8	6	0.05	6.84	4
CO27692	CO27785	17.42	9 1-	4ACSR	0	0	377	134	45	6	5	0.03	6.87	2
CO2022223438	CO27692	17.53	0 1-	2ACSR	0	0	373	133	0	0	0	0.00	6.87	0
CO27787	CO27692	17.63	5 1-	4ACSR	0	0	367	133	30	4	3	0.03	6.90	0
CO30437	CO27787	17.90	4 1-	4ACSR	0	0	354	131	18	2	2	0.03	6.93	0
CO27993	CO30437	17.98	1 1-	4ACSR	0	0	350	130	3	0	0	0.00	6.93	0
CO27992	CO30437	17.99	1 1-	4ACSR	0	0	349	130	2	0	0	0.00	6.93	0
CO27991	CO30437	17.93	1 1-	4ACSR	0	0	352	130	7	1	1	0.00	6.93	0
CO27710	CO27692	17.48	2 1-	4ACSR	0	0	374	134	11	1	1	0.00	6.87	0
CO27786	CO27785	17.40	2 1-	4ACSR	0	0	378	134	7	1	1	0.00	6.84	0
CO27800	CO30454	15.63	2 1-	6ACWC	0	0	494	147	8	1	1	0.00	5.57	0
CO27801	CO27800	15.75	2 1-	6ACWC	0	0	484	146	8	1	1	0.01	5.58	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27802	CO27801	15.77	1 1-	6ACWC	0	0	482	146	7	0	1	0.00	5.58	0
CO27996	CO28003	15.26	1 1-	6ACWC	0	0	526	150	0	0	0	0.00	5.25	0
CO27995	CO30412	14.86	2 1-	6ACWC	0	0	566	154	3	0	0	0.00	4.73	0
CO27850	CO27832	14.59	2 1-	4ACSR	0	0	596	156	5	0	0	0.00	4.33	0
CO27973	CO30402	14.44	39 1-	6ACWC	0	0	613	157	186	25	19	0.01	4.16	2
OC855	CO27973	14.44	39 1-	35 H OCR	0	0	613	157	186	25	74	0.00	4.16	0
CO27974	OC855	14.49	39 1-	6ACWC	0	0	607	157	186	25	19	0.06	4.22	18
CO27953	CO27974	14.76	39 1-	6ACWC	0	0	577	154	186	25	19	0.32	4.54	98
CO27952	CO27953	14.97	39 1-	6ACWC	0	0	555	153	185	25	19	0.24	4.78	74
CO27951	CO27952	15.21	39 1-	6ACWC	0	0	531	150	185	25	19	0.28	5.06	85
CO27827	CO27951	15.54	33 1-	6ACWC	0	0	502	148	164	23	17	0.33	5.39	91
CO27839	CO27827	15.57	0 1-	6ACWC	0	0	499	147	0	0	0	0.00	5.39	0
CO27959	CO27827	15.61	33 1-	6ACWC	0	0	495	147	164	23	17	0.08	5.47	21
CO27960	CO27959	15.69	33 1-	6ACWC	0	0	489	147	164	23	17	0.08	5.55	20
CO27828	CO27960	15.82	1 1-	6ACWC	0	0	478	145	20	2	2	0.02	5.56	0
CO27961	CO27828	16.03	1 1-	6ACWC	0	0	462	144	20	2	2	0.03	5.59	0
CO-651747854	CO27961	16.18	1 1-	2ACSR	0	0	453	143	20	2	2	0.01	5.60	0
CO1080712817	CO-651747854	16.29	1 1-	2ACSR	0	0	447	142	20	2	2	0.00	5.61	0
CO187874155	CO-651747854	16.25	0 1-	2ACSR	0	0	449	143	0	0	0	0.00	5.60	0
CO27840	CO27828	15.92	0 1-	6ACWC	0	0	471	145	0	0	0	0.00	5.56	0
CO27963	CO27960	15.75	30 1-	6ACWC	0	0	484	146	135	19	14	0.05	5.59	10
CO27964	CO27963	15.80	28 1-	6ACWC	0	0	480	146	118	16	12	0.04	5.63	8
CO27965	CO27964	16.03	26 1-	6ACWC	0	0	462	144	115	16	12	0.16	5.79	30
CO-1405203418	CO27965	16.10	1 1-	2ACSR	0	0	458	143	2	0	0	0.00	5.79	0
CO27969	CO27965	16.18	23 1-	6ACWC	0	0	451	143	100	14	10	0.09	5.88	14
CO27970	CO27969	16.36	22 1-	6ACWC	0	0	438	141	88	12	9	0.10	5.98	15
CO27968	CO27970	16.50	22 1-	6ACWC	0	0	429	140	88	12	9	0.08	6.06	12
CO27851	CO27968	16.54	0 1-	6ACWC	0	0	426	140	0	0	0	0.00	6.06	0
CO27972	CO27968	16.52	21 1-	6ACWC	0	0	428	140	88	12	9	0.01	6.07	0
CO30415	CO27972	16.73	20 1-	6ACWC	0	0	414	138	80	11	8	0.11	6.18	14
CO30416	CO30415	16.83	2 1-	6ACWC	0	0	408	138	11	1	1	0.00	6.18	0
CO28009	CO30415	16.83	17 1-	6ACWC	0	0	408	138	69	9	7	0.04	6.22	5
CO28010	CO28009	16.92	16 1-	6ACWC	0	0	403	137	67	9	7	0.04	6.26	4
CO27994	CO28010	17.01	0 1-	6ACWC	0	0	398	136	0	0	0	0.00	6.26	0
CO28004	CO28010	17.05	12 1-	6ACWC	0	0	395	136	58	8	6	0.05	6.31	4
CO28005	CO28004	17.07	11 1-	6ACWC	0	0	394	136	50	7	5	0.00	6.31	0
CO-2067992902	CO28005	17.11	0 1-	2ACSR	0	0	392	136	0	0	0	0.00	6.31	0
CO30462	CO28005	17.20	9 1-	6ACWC	0	0	387	135	34	4	3	0.03	6.34	0
CO30285	CO30462	17.39	7 1-	6ACWC	0	0	377	134	21	3	2	0.03	6.36	0
CO30286	CO30285	17.45	7 1-	6ACWC	0	0	374	133	21	3	2	0.01	6.37	0
CO30284	CO30286	17.50	6 1-	6ACWC	0	0	371	133	21	2	2	0.01	6.38	0
CO30287	CO30284	17.55	5 1-	6ACWC	0	0	369	133	21	2	2	0.01	6.38	0
CO30288	CO30287	17.67	5 1-	6ACWC	0	0	363	132	21	2	2	0.02	6.40	0
CO30283	CO30288	17.76	4 1-	2ACSR	0	0	359	131	20	2	2	0.01	6.41	0
CO30289	CO30283	17.82	3 1-	2ACSR	0	0	357	131	7	1	1	0.00	6.41	0
CO30290	CO30289	17.86	1 1-	2ACSR	0	0	356	131	2	0	0	0.00	6.41	0
CO30291	CO30290	17.91	1 1-	2ACSR	0	0	354	131	2	0	0	0.00	6.41	0
CO30282	CO30283	17.85	1 1-	2ACSR	0	0	356	131	13	1	1	0.00	6.41	0
CO30281	CO30462	17.30	1 1-	6ACWC	0	0	382	134	6	0	1	0.00	6.34	0
CO28007	CO28010	16.96	1 1-	6ACWC	0	0	401	137	3	0	0	0.00	6.26	0
CO28008	CO28007	17.03	1 1-	6ACWC	0	0	396	136	3	0	0	0.00	6.26	0
CO28006	CO28010	17.00	1 1-	4ACSR	0	0	398	136	3	0	0	0.00	6.26	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30516	CO28006	17.11	1 1-	4ACSR	0	0	392	136	3	0	0	0.00	6.26	0
CO27971	CO27968	16.61	1 1-	6ACWC	0	0	422	139	0	0	0	0.00	6.06	0
CO30414	CO27971	16.74	1 1-	6ACWC	0	0	414	138	0	0	0	0.00	6.06	0
CO27966	CO27965	16.06	1 1-	2ACSR	0	0	460	144	5	0	0	0.00	5.79	0
CO27967	CO27966	16.16	1 1-	2ACSR	0	0	454	143	5	0	0	0.00	5.80	0
CO27956	CO27827	15.58	0 1-	6ACWC	0	0	498	147	0	0	0	0.00	5.39	0
CO27957	CO27956	15.70	0 1-	6ACWC	0	0	488	146	0	0	0	0.00	5.39	0
CO27958	CO27957	15.77	0 1-	6ACWC	0	0	482	146	0	0	0	0.00	5.39	0
CO27826	CO27951	15.38	4 1-	6ACWC	0	0	516	149	14	1	1	0.01	5.07	0
CO27954	CO27826	15.46	1 1-	4ACSR	0	0	508	148	3	0	0	0.00	5.07	0
CO27955	CO27954	15.56	1 1-	4ACSR	0	0	500	148	3	0	0	0.00	5.08	0
CO27847	CO27826	15.41	2 1-	4ACSR	0	0	513	149	5	0	1	0.00	5.07	0
CO27838	CO27826	15.42	1 1-	4ACSR	0	0	512	149	6	0	1	0.00	5.07	0
CO27656	CO27655	14.20	2 1-	6ACWC	0	0	632	158	3	0	0	0.00	3.98	0
CO30452	CO27656	14.31	1 1-	6ACWC	0	0	618	157	2	0	0	0.00	3.98	0
CO27642+	CO27641	13.59	1 1-	4ACSR	0	0	556	246	8	0	0	0.00	3.14	0
CO27643+	CO27642	13.64	0 1-	4ACSR	0	0	553	246	0	0	0	0.00	3.14	0
CO27644+	CO27643	13.73	0 1-	4ACSR	0	0	548	245	0	0	0	0.00	3.14	0
CO27645+	CO27644	13.76	0 1-	4ACSR	0	0	546	244	0	0	0	0.00	3.14	0
CO27479+	CO27471	13.47	3 1-	4ACSR	0	0	560	247	4	0	0	0.00	3.12	0
CO27636+	CO27684	13.28	4 1-	6ACWC	0	0	567	248	11	0	1	0.00	3.09	0
CO27637+	CO27636	13.42	3 1-	6ACWC	0	0	559	246	7	0	0	0.00	3.09	0
CO27481+	CO27637	13.48	0 1-	6ACWC	0	0	555	246	0	0	0	0.00	3.09	0
CO27458+	CO27637	13.70	3 1-	6ACWC	0	0	544	243	7	0	0	0.00	3.10	0
CO27638+	CO27458	13.81	2 1-	6ACWC	0	0	538	242	6	0	0	0.00	3.10	0
CO27639+	CO27638	13.86	1 1-	6ACWC	0	0	535	241	0	0	0	0.00	3.10	0
CO27480+	CO27458	13.87	0 1-	6ACWC	0	0	534	241	0	0	0	0.00	3.10	0
CO27627+	CO27626	12.62	3 1-	4ACSR	0	0	593	252	25	1	1	0.01	2.96	0
CO27628+	CO27627	12.69	2 1-	4ACSR	0	0	588	251	21	1	1	0.00	2.96	0
CO-1170793196+	CO27628	12.77	1 1-	2ACSR	0	0	584	251	11	0	0	0.00	2.96	0
CO27475+	CO27453	12.42	2 1-	4ACSR	0	0	602	254	2	0	0	0.00	2.91	0
CO27474+	CO27624	12.34	1 1-	4ACSR	0	0	606	255	1	0	0	0.00	2.90	0
CO27501+	CO27468	11.28	1 1-	4ACSR	0	0	657	262	0	0	0	0.00	2.67	0
CO27677+	CO27575	11.04	28 1-	4ACSR	0	0	670	264	102	7	5	0.00	2.62	0
OC838+	CO27677	11.04	28 1-	25 E OCR	0	0	670	264	102	7	28	0.00	2.62	0
CO27678+	OC838	11.07	28 1-	4ACSR	0	0	668	264	102	7	5	0.00	2.62	0
CO2048340852+	CO27678	11.13	1 1-	2ACSR	0	0	664	263	8	0	0	0.00	2.63	0
CO27579+	CO27678	11.17	26 1-	4ACSR	0	0	659	262	89	6	4	0.01	2.64	0
CO27580+	CO27579	11.22	26 1-	4ACSR	0	0	656	261	89	6	4	0.01	2.65	0
CO27508+	CO27580	11.33	1 1-	2ACSR	0	0	649	260	2	0	0	0.00	2.65	0
CO27578+	CO27580	11.28	23 1-	4ACSR	0	0	651	261	79	5	4	0.01	2.65	0
CO27498+	CO27578	11.30	1 1-	4ACSR	0	0	650	260	3	0	0	0.00	2.65	0
CO27581+	CO27578	11.42	21 1-	4ACSR	0	0	641	259	76	5	4	0.02	2.67	0
CO27582+	CO27581	11.45	20 1-	4ACSR	0	0	639	258	74	5	4	0.00	2.67	0
CO27583+	CO27582	11.51	20 1-	4ACSR	0	0	634	258	74	5	4	0.01	2.68	0
CO27497+	CO27583	11.55	0 1-	4ACSR	0	0	632	257	0	0	0	0.00	2.68	0
CO27584+	CO27583	11.67	20 1-	4ACSR	0	0	623	256	74	5	4	0.02	2.70	0
CO27585+	CO27584	12.07	20 1-	4ACSR	0	0	596	250	74	5	4	0.04	2.74	5
CO27586+	CO27585	12.17	19 1-	4ACSR	0	0	589	249	63	4	3	0.01	2.75	0
CO27466+	CO27586	12.24	17 1-	4ACSR	0	0	585	248	59	4	3	0.01	2.76	0
CO27592+	CO27466	12.27	13 1-	4ACSR	0	0	583	248	54	3	3	0.00	2.76	0
CO27593+	CO27592	12.38	12 1-	4ACSR	0	0	576	247	51	3	3	0.01	2.77	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27594+	CO27593	12.65	11 1-	4ACSR	0	0	560	244	51	3	3	0.02	2.79	0
CO27509+	CO27594	12.73	1 1-	2ACSR	0	0	557	243	5	0	0	0.00	2.79	0
CO27595+	CO27594	12.70	8 1-	4ACSR	0	0	558	243	40	2	2	0.00	2.79	0
CO27596+	CO27595	12.77	8 1-	4ACSR	0	0	553	242	40	2	2	0.00	2.80	0
CO27597+	CO27596	12.85	8 1-	4ACSR	0	0	549	241	40	2	2	0.00	2.80	0
CO27598+	CO27597	13.04	8 1-	4ACSR	0	0	539	239	40	2	2	0.01	2.81	0
CO27608+	CO27598	13.23	6 1-	4ACSR	0	0	528	237	36	2	2	0.01	2.82	0
CO27609+	CO27608	13.26	6 1-	4ACSR	0	0	527	237	36	2	2	0.00	2.83	0
CO27610+	CO27609	13.29	5 1-	4ACSR	0	0	525	236	36	2	2	0.00	2.83	0
CO30573+	CO27610	13.32	4 1-	4ACSR	0	0	524	236	32	2	2	0.00	2.83	0
CO27611+	CO30573	13.40	4 1-	4ACSR	0	0	520	235	32	2	2	0.00	2.83	0
CO27484+	CO27611	13.43	1 1-	4ACSR	0	0	518	235	3	0	0	0.00	2.83	0
CO27612+	CO27611	13.44	3 1-	4ACSR	0	0	518	235	30	2	1	0.00	2.83	0
CO27613+	CO27612	13.47	2 1-	4ACSR	0	0	516	234	25	1	1	0.00	2.83	0
CO27599+	CO27598	13.09	1 1-	4ACSR	0	0	536	239	0	0	0	0.00	2.81	0
CO27600+	CO27599	13.16	0 1-	4ACSR	0	0	532	238	0	0	0	0.00	2.81	0
CO27478+	CO27595	12.72	0 1-	4ACSR	0	0	556	243	0	0	0	0.00	2.79	0
CO27589+	CO27466	12.37	4 1-	4ACSR	0	0	577	247	4	0	0	0.00	2.76	0
CO27590+	CO27589	12.40	4 1-	4ACSR	0	0	575	246	4	0	0	0.00	2.76	0
CO27591+	CO27590	12.79	2 1-	4ACSR	0	0	552	242	0	0	0	0.00	2.76	0
CO30451+	CO27591	13.09	1 1-	4ACSR	0	0	536	238	0	0	0	0.00	2.76	0
CO27506+	CO27586	12.22	0 1-	2ACSR	0	0	587	249	0	0	0	0.00	2.75	0
CO27587+	CO27586	12.38	2 1-	4ACSR	0	0	576	247	5	0	0	0.00	2.75	0
CO27588+	CO27587	12.50	1 1-	4ACSR	0	0	569	245	3	0	0	0.00	2.75	0
CO27496+	CO27587	12.44	0 1-	4ACSR	0	0	573	246	0	0	0	0.00	2.75	0
CO27507+	CO27574	10.99	1 1-	2ACSR	0	0	672	264	0	0	0	0.00	2.60	0
CO27576+	CO27688	11.01	1 1-	2ACSR	0	0	670	264	0	0	0	0.00	2.59	0
CO27577+	CO27576	11.07	1 1-	2ACSR	0	0	667	263	0	0	0	0.00	2.59	0
CO27572+	CO27567	10.70	2 1-	2ACSR	0	0	688	266	1	0	0	0.00	2.53	0
CO27573+	CO27572	10.84	2 1-	2ACSR	0	0	679	265	1	0	0	0.00	2.53	0
CO-1473922728+	CO27573	10.87	1 1-	1/0PRIURD	0	0	677	451	1	0	0	0.00	2.53	0
CO-819648525+	CO-1473922728	11.00	1 1-	1/0PRIURD	0	0	670	448	1	0	0	0.00	2.53	0
CO27561+	CO27557	10.47	374 3-	1/0ACSR	919	868	701	268	1897	42	19	0.04	2.49	129
CO27562+	CO27561	10.52	373 3-	1/0ACSR	916	864	698	268	1895	42	19	0.02	2.50	54
CO27560+	CO27562	10.57	371 3-	1/0ACSR	913	862	696	267	1890	42	19	0.01	2.52	45
CO27469+	CO27560	10.59	370 3-	1/0ACSR	911	860	694	267	1886	42	18	0.01	2.53	29
CO27563+	CO27469	10.63	369 3-	1/0ACSR	908	857	692	267	1883	42	18	0.01	2.54	35
CO27564+	CO27563	10.69	368 3-	1/0ACSR	904	854	689	266	1873	42	18	0.02	2.56	61
CO30407+	CO27564	10.80	305 3-	1/0ACSR	897	847	683	266	1526	34	15	0.03	2.58	72
CO27881+	CO30407	10.88	305 3-	1/0ACSR	892	842	679	265	1526	34	15	0.02	2.61	56
CO27882+	CO27881	11.00	304 3-	1/0ACSR	884	834	672	264	1523	34	15	0.03	2.64	79
CO27883+	CO27882	11.09	303 3-	1/0ACSR	878	829	667	264	1520	34	15	0.02	2.66	64
CO27884+	CO27883	11.19	303 3-	1/0ACSR	872	823	662	263	1520	34	15	0.02	2.68	64
CO27833+	CO27884	11.31	302 3-	1/0ACSR	864	816	656	262	1508	33	15	0.03	2.71	81
CO27860+	CO27833	11.40	2 1-	4ACSR	0	0	649	261	5	0	0	0.00	2.71	0
CO27885+	CO27833	11.39	300 3-	1/0ACSR	859	811	652	261	1503	33	15	0.02	2.73	53
CO27886+	CO27885	11.47	299 3-	1/0ACSR	854	807	648	261	1500	33	15	0.02	2.75	51
CO27887+	CO27886	11.51	298 3-	1/0ACSR	851	804	646	261	1498	33	15	0.01	2.77	30
CO27888+	CO27887	11.67	297 3-	1/0ACSR	842	795	639	260	1495	33	15	0.04	2.80	100
CO27858+	CO27888	11.80	1 1-	4ACSR	0	0	629	258	10	0	0	0.00	2.80	0
CO27834+	CO27888	11.86	296 3-	1/0ACSR	831	785	630	258	1485	33	15	0.05	2.85	122
CO27977+	CO27834	11.86	30 1-	4ACSR	0	0	629	258	131	9	6	0.00	2.85	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC854+	CO27977	11.86	30 1-	50 H OCR	0	0	629	258	131	9	18	0.00	2.85	0
XFMR67	OC854	11.86	30 1-	333 KVA 1PH AUT	0	0	691	163	131	9	39	0.32	3.17	0
CO27978	XFMR67	11.96	30 1-	4ACSR	0	0	677	162	131	18	13	0.08	3.25	17
CO27889	CO27978	12.06	29 1-	4ACSR	0	0	663	161	129	17	13	0.08	3.33	18
CO27890	CO27889	12.39	29 1-	4ACSR	0	0	622	158	129	17	13	0.26	3.59	55
CO27975	CO27890	12.39	3 1-	4ACSR	0	0	621	158	9	1	1	0.00	3.59	0
OC853	CO27975	12.39	3 1-	25 H OCR	0	0	621	158	9	1	5	0.00	3.59	0
CO27976	OC853	12.63	3 1-	4ACSR	0	0	593	155	9	1	1	0.01	3.61	0
CO27903	CO27976	12.89	3 1-	4ACSR	0	0	564	153	9	1	1	0.02	3.62	0
CO27904	CO27903	12.98	3 1-	4ACSR	0	0	554	152	9	1	1	0.01	3.63	0
CO27835	CO27904	13.40	1 1-	4ACSR	0	0	514	149	0	0	0	0.00	3.63	0
CO27859	CO27835	13.45	1 1-	4ACSR	0	0	510	148	0	0	0	0.00	3.63	0
CO27907	CO27835	13.57	0 1-	4ACSR	0	0	499	147	0	0	0	0.00	3.63	0
CO27908	CO27907	13.78	0 1-	4ACSR	0	0	481	145	0	0	0	0.00	3.63	0
CO27905	CO27904	13.31	2 1-	4ACSR	0	0	523	149	9	1	1	0.02	3.64	0
CO27906	CO27905	13.54	1 1-	4ACSR	0	0	501	147	7	0	1	0.01	3.65	0
CO1173962423	CO27906	13.59	0 1-	2ACSR	0	0	498	147	0	0	0	0.00	3.65	0
CO27911	CO27890	12.56	26 1-	4ACSR	0	0	601	156	119	16	12	0.13	3.72	25
CO27912	CO27911	12.59	26 1-	4ACSR	0	0	598	156	119	16	12	0.02	3.74	4
CO27910	CO27912	12.72	25 1-	4ACSR	0	0	583	155	106	14	11	0.09	3.83	15
CO27909	CO27910	12.98	24 1-	4ACSR	0	0	555	152	105	14	10	0.17	4.00	29
CO27981	CO27909	12.98	0 1-	4ACSR	0	0	555	152	0	0	0	0.00	4.00	0
SW860-A	CO27981	12.98	0 1-	Open	0	0	555	152	0	0	0	0.00	4.00	0
CO27927	CO27909	13.07	24 1-	4ACSR	0	0	545	151	105	14	10	0.07	4.06	11
CO27849	CO27927	13.11	1 1-	6ACSR	0	0	540	151	0	0	0	0.00	4.06	0
CO27928	CO27927	13.13	23 1-	4ACSR	0	0	540	151	105	14	10	0.03	4.10	6
CO27933	CO27928	13.20	1 1-	4ACSR	0	0	533	150	1	0	0	0.00	4.10	0
CO27929	CO27928	13.25	21 1-	4ACSR	0	0	529	150	99	13	10	0.07	4.17	12
CO27930	CO27929	13.31	18 1-	4ACSR	0	0	522	149	96	13	10	0.04	4.21	6
CO27931	CO27930	13.35	16 1-	4ACSR	0	0	518	149	92	12	9	0.02	4.23	4
CO27932	CO27931	13.38	16 1-	4ACSR	0	0	516	149	92	12	9	0.02	4.25	2
CO27937	CO27932	13.47	13 1-	4ACSR	0	0	508	148	73	10	7	0.04	4.29	5
CO27938	CO27937	13.55	12 1-	4ACSR	0	0	500	147	73	10	7	0.04	4.33	4
CO27830	CO27938	13.84	11 1-	4ACSR	0	0	477	145	69	9	7	0.12	4.45	14
CO30457	CO27830	14.02	1 1-	4ACSR	0	0	462	144	7	1	1	0.01	4.46	0
CO30257	CO30457	14.05	1 1-	4ACSR	0	0	460	143	7	1	1	0.00	4.46	0
CO30100	CO30457	14.07	0 1-	4ACSR	0	0	459	143	0	0	0	0.00	4.46	0
CO27939	CO27830	13.86	10 1-	4ACSR	0	0	475	145	61	8	6	0.01	4.46	0
CO27940	CO27939	13.89	10 1-	4ACSR	0	0	473	145	61	8	6	0.01	4.47	0
CO27941	CO27940	13.93	9 1-	4ACSR	0	0	469	144	56	7	6	0.02	4.49	0
CO27942	CO27941	13.97	8 1-	4ACSR	0	0	466	144	48	6	5	0.01	4.50	0
CO30458	CO27942	14.05	6 1-	4ACSR	0	0	460	143	40	5	4	0.02	4.51	0
CO30157	CO30458	14.12	5 1-	4ACSR	0	0	455	143	33	4	3	0.01	4.53	0
CO30158	CO30157	14.22	5 1-	4ACSR	0	0	448	142	33	4	3	0.02	4.55	0
CO30159	CO30158	14.26	4 1-	4ACSR	0	0	445	142	24	3	2	0.01	4.55	0
CO30113	CO30159	14.30	1 1-	4ACSR	0	0	442	141	11	1	1	0.00	4.55	0
CO30101	CO30159	14.33	1 1-	4ACSR	0	0	440	141	11	1	1	0.00	4.55	0
CO30160	CO30159	14.29	2 1-	4ACSR	0	0	443	141	2	0	0	0.00	4.55	0
CO30161	CO30160	14.37	1 1-	4ACSR	0	0	437	141	2	0	0	0.00	4.55	0
CO30102	CO30161	14.41	1 1-	4ACSR	0	0	434	140	2	0	0	0.00	4.55	0
CO27984	CO27938	13.56	0 1-	4ACSR	0	0	500	147	0	0	0	0.00	4.33	0
CO27935	CO27932	13.49	3 1-	4ACSR	0	0	506	148	19	2	2	0.01	4.26	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27934	CO27935	13.54	1 1-	4ACSR	0	0	501	147	7	0	1	0.00	4.26	0
CO27936	CO27935	13.52	1 1-	4ACSR	0	0	503	148	12	1	1	0.00	4.26	0
CO27846	CO27928	13.19	1 1-	4ACSR	0	0	534	150	5	0	0	0.00	4.10	0
CO27988+	CO27834	11.86	266 3-	1/0ACSR	830	785	629	258	1353	30	13	0.00	2.85	4
OC859+	CO27988	11.86	266 3-	50 E OCR	830	785	629	258	1353	30	61	0.00	2.85	0
CO27989+	OC859	12.04	266 3-	1/0ACSR	821	775	621	257	1353	30	13	0.04	2.89	93
CO27891+	CO27989	12.58	266 3-	1/0ACSR	791	748	598	253	1352	30	13	0.12	3.01	288
CO27987+	CO27891	12.60	266 3-	1/0ACSR	790	747	597	253	1351	30	13	0.01	3.02	15
CO27892+	CO27987	12.67	265 3-	1/0ACSR	786	743	594	253	1347	30	13	0.01	3.03	35
CO27893+	CO27892	12.75	264 3-	1/0ACSR	782	740	591	252	1338	30	13	0.02	3.05	41
CO27894+	CO27893	12.78	263 3-	1/0ACSR	780	738	589	252	1333	30	13	0.01	3.05	18
CO27864+	CO27894	12.81	2 1-	4ACSR	0	0	587	252	11	0	1	0.00	3.05	0
CO27895+	CO27894	12.87	260 3-	1/0ACSR	776	734	586	252	1293	29	13	0.02	3.07	42
CO27896+	CO27895	12.93	260 3-	1/0ACSR	773	731	583	251	1293	29	13	0.01	3.08	28
CO27897+	CO27896	13.05	260 3-	1/0ACSR	767	725	579	250	1293	29	13	0.03	3.11	60
CO27862+	CO27897	13.13	1 1-	4ACSR	0	0	574	249	2	0	0	0.00	3.11	0
CO27861+	CO27897	13.17	1 1-	4ACSR	0	0	572	249	17	1	1	0.00	3.11	0
CO27900+	CO27897	13.08	258 3-	1/0ACSR	765	724	577	250	1273	28	13	0.01	3.12	15
CO27901+	CO27900	13.11	258 3-	1/0ACSR	764	723	576	250	1273	28	13	0.01	3.12	12
CO27898+	CO27901	13.17	258 3-	1/0ACSR	761	720	574	250	1273	28	13	0.01	3.13	29
CO27899+	CO27898	13.32	258 3-	1/0ACSR	754	713	568	249	1273	28	13	0.03	3.16	72
CO30419+	CO27899	13.40	257 3-	1/0ACSR	750	710	565	248	1264	28	12	0.02	3.18	36
CO30192+	CO30419	13.45	256 3-	1/0ACSR	748	707	563	248	1264	28	12	0.01	3.19	27
CO30116+	CO30192	13.53	1 1-	4ACSR	0	0	559	247	1	0	0	0.00	3.19	0
CO30136+	CO30192	13.63	255 3-	1/0ACSR	739	699	557	247	1264	28	12	0.04	3.23	85
CO30137+	CO30136	13.81	255 3-	1/0ACSR	731	692	550	246	1263	28	12	0.04	3.26	84
CO30135+	CO30137	13.89	255 3-	1/0ACSR	728	689	547	245	1263	28	12	0.02	3.28	36
CO30134+	CO30135	13.98	205 3-	1/0ACSR	723	685	544	244	1052	24	11	0.02	3.30	32
CO30133+	CO30134	14.10	205 3-	1/0ACSR	718	680	540	244	1052	24	11	0.02	3.32	38
CO30115+	CO30133	14.14	0 1-	4ACSR	0	0	538	243	0	0	0	0.00	3.32	0
CO30139+	CO30133	14.30	205 3-	4ACSR	703	667	530	241	1051	24	17	0.10	3.42	178
CO30140+	CO30139	14.43	205 3-	4ACSR	695	660	523	240	1051	24	17	0.06	3.48	104
CO30138+	CO30140	14.57	205 3-	4ACSR	685	651	517	238	1050	24	17	0.07	3.55	119
CO30098+	CO30138	14.72	192 3-	1/0ACSR	679	646	512	237	993	22	10	0.03	3.58	47
CO30264+	CO30098	14.73	6 1-	4ACSR	0	0	511	237	38	2	2	0.00	3.58	0
OC936+	CO30264	14.73	6 1-	10 N FUSE	0	0	511	237	38	2	26	0.00	3.58	0
CO30265+	OC936	14.78	6 1-	4ACSR	0	0	509	237	38	2	2	0.00	3.58	0
CO30119+	CO30265	14.84	1 1-	4ACSR	0	0	506	236	11	0	1	0.00	3.58	0
CO30193+	CO30265	15.16	5 1-	4ACSR	0	0	492	233	27	1	1	0.01	3.60	0
CO30194+	CO30193	15.17	4 1-	4ACSR	0	0	491	233	20	1	1	0.00	3.60	0
CO30195+	CO30194	15.24	4 1-	4ACSR	0	0	488	232	20	1	1	0.00	3.60	0
CO30196+	CO30195	15.35	3 1-	4ACSR	0	0	483	231	19	1	1	0.00	3.60	0
CO30118+	CO30196	15.39	1 1-	4ACSR	0	0	482	230	8	0	0	0.00	3.60	0
CO30143+	CO30196	15.41	2 1-	4ACSR	0	0	481	230	11	0	1	0.00	3.60	0
CO30231+	CO30143	15.55	2 1-	4ACSR	0	0	475	229	11	0	1	0.00	3.61	0
CO30232+	CO30231	15.59	1 1-	4ACSR	0	0	473	228	9	0	0	0.00	3.61	0
CO30418+	CO30232	15.66	0 1-	4ACSR	0	0	470	227	0	0	0	0.00	3.61	0
CO27902+	CO30418	15.80	0 1-	4ACSR	0	0	465	226	0	0	0	0.00	3.61	0
CO30144+	CO30098	14.74	186 3-	1/0ACSR	678	645	511	237	955	22	10	0.00	3.58	7
CO30233+	CO30144	14.77	186 3-	1/0ACSR	677	644	510	237	955	22	10	0.00	3.59	7
CO30234+	CO30233	14.81	185 3-	1/0ACSR	676	642	509	237	951	22	10	0.01	3.60	12
CO30124+	CO30234	14.88	4 1-	4ACSR	0	0	506	236	10	0	1	0.00	3.60	0

Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30198+	CO30234	14.88	178 3-	1/0ACSR	673	640	507	237	933	21	9	0.01	3.61	17
CO30199+	CO30198	14.97	174 3-	1/0ACSR	670	636	504	236	915	21	9	0.02	3.63	24
CO30197+	CO30199	15.14	173 3-	1/0ACSR	663	631	499	235	913	21	9	0.03	3.66	41
CO30223+	CO30197	15.19	3 1-	4ACSR	0	0	497	234	27	1	1	0.00	3.66	0
CO30224+	CO30223	15.25	3 1-	4ACSR	0	0	494	234	27	1	1	0.00	3.66	0
CO30146+	CO30224	15.37	1 1-	2ACSR	0	0	490	233	18	1	1	0.00	3.66	0
CO30147+	CO30146	15.44	1 1-	2ACSR	0	0	487	232	18	1	1	0.00	3.66	0
CO30222+	CO30224	15.32	1 1-	4ACSR	0	0	491	233	4	0	0	0.00	3.66	0
CO30145+	CO30197	15.17	169 3-	1/0ACSR	662	629	498	235	882	20	9	0.01	3.66	9
CO30235+	CO30145	15.20	169 3-	1/0ACSR	661	628	497	235	882	20	9	0.00	3.67	7
CO30236+	CO30235	15.30	166 3-	1/0ACSR	658	625	495	234	871	20	9	0.02	3.68	22
CO1813870448+	CO30236	15.36	1 1-	2ACSR	0	0	492	234	15	1	1	0.00	3.68	0
CO30200+	CO30236	15.37	133 3-	1/0ACSR	655	622	492	234	654	15	7	0.01	3.69	10
CO30201+	CO30200	15.50	132 3-	1/0ACSR	650	618	489	233	650	15	7	0.02	3.71	17
CO30252+	CO30201	15.55	127 3-	1/0ACSR	648	616	487	233	643	14	6	0.01	3.72	6
CO30253+	CO30252	15.64	126 3-	1/0ACSR	645	613	485	232	642	14	6	0.01	3.73	11
CO30149+	CO30253	15.71	126 3-	1/0ACSR	643	611	483	232	642	14	6	0.01	3.74	9
CO30123+	CO30149	15.78	2 2-	4ACSR	0	607	480	231	8	0	0	0.00	3.74	0
CO30150+	CO30123	15.81	1 1-	2ACSR	0	0	479	231	1	0	0	0.00	3.74	0
CO30151+	CO30150	15.90	1 1-	2ACSR	0	0	476	230	1	0	0	0.00	3.74	0
CO30099+	CO30149	15.78	120 3-	1/0ACSR	640	609	481	231	613	14	6	0.01	3.75	8
CO30225+	CO30099	15.84	2 1-	4ACSR	0	0	479	231	5	0	0	0.00	3.75	0
CO30226+	CO30225	15.86	1 1-	4ACSR	0	0	478	231	1	0	0	0.00	3.75	0
CO30279+	CO30099	15.83	115 3-	1/0ACSR	639	607	480	231	585	13	6	0.01	3.75	5
CO30152+	CO30279	15.94	115 3-	1/0ACSR	635	604	477	231	585	13	6	0.01	3.76	12
CO30176+	CO30152	16.04	114 3-	1/0ACSR	631	600	474	230	573	13	6	0.01	3.78	10
CO30177+	CO30176	16.08	113 3-	1/0ACSR	630	599	473	230	566	13	6	0.00	3.78	4
CO30095+	CO30177	16.15	81 3-	1/0ACSR	628	597	471	229	449	10	5	0.01	3.79	4
CO30178+	CO30095	16.21	81 3-	1/0ACSR	626	595	470	229	449	10	5	0.01	3.79	4
CO30179+	CO30178	16.27	80 3-	1/0ACSR	624	593	468	229	448	10	5	0.01	3.80	4
CO30096+	CO30179	16.49	75 3-	1/0ACSR	616	586	462	227	432	9	4	0.02	3.82	13
CO30180+	CO30096	16.53	46 3-	1/0ACSR	615	585	462	227	272	6	3	0.00	3.82	0
CO30181+	CO30180	16.54	44 3-	1/0ACSR	615	585	461	227	264	6	3	0.00	3.82	0
CO30274+	CO30181	16.58	44 1-	4ACSR	0	0	460	227	264	18	13	0.02	3.83	7
OC937+	CO30274	16.58	44 1-	35 H OCR	0	0	460	227	264	18	52	0.00	3.83	0
CO30275+	OC937	16.64	44 1-	4ACSR	0	0	458	226	264	18	13	0.02	3.86	9
CO30255+	CO30275	16.66	42 1-	4ACSR	0	0	457	226	254	17	13	0.01	3.86	3
CO30256+	CO30255	16.68	38 1-	4ACSR	0	0	456	226	233	16	12	0.01	3.87	3
CO30254+	CO30256	16.77	37 1-	4ACSR	0	0	453	225	232	16	12	0.03	3.91	12
CO30259+	CO30254	16.82	1 1-	4ACSR	0	0	451	224	3	0	0	0.00	3.91	0
CO30258+	CO30254	16.83	1 1-	4ACSR	0	0	450	224	10	0	0	0.00	3.91	0
CO30182+	CO30254	16.84	35 1-	4ACSR	0	0	450	224	220	15	11	0.03	3.93	9
CO30125+	CO30182	16.87	1 1-	2ACSR	0	0	449	224	0	0	0	0.00	3.93	0
CO30184+	CO30182	16.87	33 1-	4ACSR	0	0	449	224	209	14	10	0.01	3.94	2
CO30185+	CO30184	16.92	29 1-	4ACSR	0	0	447	223	188	13	9	0.02	3.95	5
CO30112+	CO30185	16.95	1 1-	4ACSR	0	0	446	223	11	0	1	0.00	3.95	0
CO30183+	CO30185	16.96	27 1-	4ACSR	0	0	445	223	170	11	8	0.01	3.96	3
CO-2024020094+	CO30183	16.99	25 1-	2ACSR	0	0	445	223	151	10	6	0.00	3.97	0
CO1251722017+	CO-2024020094	17.02	23 1-	2ACSR	0	0	444	223	136	9	5	0.01	3.97	0
CO30188+	CO1251722017	17.11	23 1-	4ACSR	0	0	440	222	136	9	7	0.02	3.99	4
CO30186+	CO30188	17.27	21 1-	4ACSR	0	0	435	220	128	8	6	0.03	4.02	6
CO30227+	CO30186	17.35	16 1-	4ACSR	0	0	432	219	104	7	5	0.01	4.04	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30229+	CO30227	17.44	14 1-	4ACSR	0	0	429	219	87	6	4	0.01	4.05	0
CO30128+	CO30229	17.47	3 1-	2ACSR	0	0	428	218	24	1	1	0.00	4.05	0
CO927711986+	CO30128	17.54	1 1-	2ACSR	0	0	426	218	0	0	0	0.00	4.05	0
CO30230+	CO30229	17.50	11 1-	4ACSR	0	0	427	218	63	4	3	0.01	4.05	0
CO30463+	CO30230	17.59	10 1-	4ACSR	0	0	424	217	59	4	3	0.01	4.06	0
CO30490+	CO30463	17.74	1 1-	4ACSR	0	0	419	216	9	0	0	0.00	4.06	0
CO30295+	CO30463	17.67	7 1-	4ACSR	0	0	421	216	44	3	2	0.01	4.07	0
CO30296+	CO30295	17.73	7 1-	4ACSR	0	0	419	216	44	3	2	0.00	4.07	0
CO30293+	CO30296	17.77	4 1-	4ACSR	0	0	418	215	15	1	1	0.00	4.07	0
CO30297+	CO30296	17.84	3 1-	4ACSR	0	0	416	215	29	2	1	0.00	4.08	0
CO30292+	CO30297	17.87	0 1-	4ACSR	0	0	415	215	0	0	0	0.00	4.08	0
CO30300+	CO30297	17.86	1 1-	4ACSR	0	0	415	215	10	0	0	0.00	4.08	0
CO30301+	CO30300	17.94	1 1-	4ACSR	0	0	413	214	10	0	0	0.00	4.08	0
CO30298+	CO30297	17.97	1 1-	4ACSR	0	0	412	214	6	0	0	0.00	4.08	0
CO30294+	CO30297	17.92	1 1-	2ACSR	0	0	414	214	13	0	0	0.00	4.08	0
CO30215+	CO30186	17.31	3 1-	4ACSR	0	0	433	220	11	0	1	0.00	4.02	0
CO30216+	CO30215	17.38	3 1-	4ACSR	0	0	431	219	11	0	1	0.00	4.03	0
CO30155+	CO30186	17.33	1 1-	4ACSR	0	0	433	220	4	0	0	0.00	4.02	0
CO30156+	CO30155	17.40	1 1-	4ACSR	0	0	431	219	4	0	0	0.00	4.02	0
CO-1662190258+	CO-2024020094	17.01	2 1-	2ACSR	0	0	444	223	15	1	1	0.00	3.97	0
CO-641252976+	CO-1662190258	17.07	2 1-	2ACSR	0	0	442	222	15	1	1	0.00	3.97	0
CO-1069661574+	CO-641252976	17.09	2 1-	2ACSR	0	0	442	222	15	1	1	0.00	3.97	0
CO-99222730+	CO-1069661574	17.11	1 1-	2ACSR	0	0	441	222	6	0	0	0.00	3.97	0
CO30111+	CO30096	16.59	1 1-	4ACSR	0	0	459	227	0	0	0	0.00	3.82	0
CO30272+	CO30096	16.50	28 1-	4ACSR	0	0	462	227	159	11	8	0.00	3.82	0
OC938+	CO30272	16.50	28 1-	35 A OCR	0	0	462	227	159	11	0	0.00	3.82	0
CO30273+	OC938	16.58	28 1-	4ACSR	0	0	459	227	159	11	8	0.02	3.84	5
CO30189+	CO30273	16.69	25 1-	4ACSR	0	0	455	225	148	10	7	0.03	3.86	6
CO30190+	CO30189	16.75	22 1-	4ACSR	0	0	453	225	129	8	6	0.01	3.87	2
CO30191+	CO30190	16.80	21 1-	4ACSR	0	0	451	224	127	8	6	0.01	3.88	0
CO30206+	CO30191	16.88	12 1-	2ACSR	0	0	448	224	76	5	3	0.01	3.89	0
CO30207+	CO30206	16.98	9 1-	2ACSR	0	0	445	223	52	3	2	0.00	3.89	0
CO30208+	CO30207	17.02	6 1-	2ACSR	0	0	444	223	28	1	1	0.00	3.89	0
CO30209+	CO30208	17.04	6 1-	2ACSR	0	0	444	223	28	1	1	0.00	3.90	0
CO30210+	CO30209	17.14	3 1-	2ACSR	0	0	441	222	19	1	1	0.00	3.90	0
CO30202+	CO30191	16.81	7 1-	2ACSR	0	0	450	224	28	1	1	0.00	3.88	0
CO30203+	CO30202	16.92	5 1-	2ACSR	0	0	447	224	19	1	1	0.00	3.89	0
CO30204+	CO30203	17.02	3 1-	2ACSR	0	0	444	223	16	1	1	0.00	3.89	0
CO30205+	CO30204	17.08	1 1-	2ACSR	0	0	443	222	1	0	0	0.00	3.89	0
CO30213+	CO30273	16.66	3 1-	4ACSR	0	0	456	226	11	0	1	0.00	3.84	0
CO30214+	CO30213	16.72	1 1-	4ACSR	0	0	454	225	0	0	0	0.00	3.84	0
CO30211+	CO30179	16.39	5 1-	4ACSR	0	0	463	227	17	1	1	0.00	3.80	0
CO30212+	CO30211	16.45	3 1-	4ACSR	0	0	461	227	13	0	1	0.00	3.80	0
CO30110+	CO30095	16.19	0 1-	4ACSR	0	0	470	229	0	0	0	0.00	3.79	0
CO30278+	CO30177	16.16	31 1-	4ACSR	0	0	470	229	117	8	6	0.01	3.79	3
XFMR66	CO30278	16.16	31 1-	333 KVA 1PH AUT	0	0	589	157	117	8	35	0.28	4.07	0
CO30175	XFMR66	16.27	31 1-	4ACSR	0	0	577	156	117	16	12	0.08	4.15	15
SW940-B	CO30175	16.27	0 1-	Open	0	0	577	156	0	0	0	0.00	4.15	0
SW940-A	CO30175	16.27	0 1-	Open	0	0	577	156	0	0	0	0.00	4.15	0
CO30276	CO30175	16.28	28 1-	4ACSR	0	0	577	156	115	15	11	0.00	4.16	0
CO30277	CO30276	16.29	28 1-	4ACSR	0	0	575	156	115	15	11	0.01	4.17	0
CO30174	CO30277	16.31	28 1-	4ACSR	0	0	573	156	115	15	11	0.01	4.18	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30171	CO30174	16.37	27 1-	4ACSR	0	0	567	155	110	15	11	0.05	4.23	8
CO30130	CO30171	16.44	1 1-	4ACSR	0	0	560	154	5	0	0	0.00	4.23	0
CO30173	CO30171	16.59	26 1-	4ACSR	0	0	545	153	105	14	10	0.14	4.37	23
CO30172	CO30173	16.63	25 1-	4ACSR	0	0	541	153	98	13	10	0.03	4.39	4
CO30107	CO30172	16.67	11 1-	4ACSR	0	0	537	152	32	4	3	0.01	4.40	0
CO30106	CO30107	16.94	10 1-	4ACSR	0	0	513	150	30	4	3	0.05	4.45	3
CO-2041076859	CO30106	16.97	8 1-	2ACSR	0	0	511	150	30	4	2	0.00	4.45	0
CO30164	CO-2041076859	17.24	8 1-	4ACSR	0	0	488	147	30	4	3	0.05	4.50	2
CO30129	CO30164	17.35	1 1-	2ACSR	0	0	480	147	4	0	0	0.00	4.50	0
CO30127	CO30164	17.29	1 1-	2ACSR	0	0	485	147	7	1	1	0.00	4.50	0
CO30165	CO30164	17.46	5 1-	4ACSR	0	0	470	146	17	2	2	0.03	4.53	0
CO30103	CO30165	17.67	1 1-	4ACSR	0	0	455	144	0	0	0	0.00	4.53	0
CO30153	CO30165	17.68	4 1-	4ACSR	0	0	454	144	17	2	2	0.02	4.55	0
CO30411	CO30153	17.78	4 1-	4ACSR	0	0	447	143	17	2	2	0.01	4.56	0
CO819460633	CO30411	17.83	1 1-	2ACSR	0	0	444	143	14	1	1	0.00	4.56	0
CO27945	CO30411	17.85	2 1-	4ACSR	0	0	442	142	4	0	0	0.00	4.56	0
CO27948	CO27945	17.88	1 1-	4ACSR	0	0	440	142	3	0	0	0.00	4.56	0
CO27949	CO27948	18.12	0 1-	4ACSR	0	0	424	140	0	0	0	0.00	4.56	0
CO27946	CO27945	17.89	1 1-	4ACSR	0	0	439	142	0	0	0	0.00	4.56	0
CO27947	CO27946	18.01	1 1-	4ACSR	0	0	431	141	0	0	0	0.00	4.56	0
CO-2124452659	CO-2041076859	17.05	0 1-	2ACSR	0	0	505	149	0	0	0	0.00	4.45	0
CO30094	CO30172	16.68	13 1-	4ACSR	0	0	537	152	62	8	6	0.02	4.41	0
CO30108	CO30094	16.71	1 1-	4ACSR	0	0	534	152	7	0	1	0.00	4.41	0
CO30093	CO30094	16.75	12 1-	4ACSR	0	0	529	152	55	7	5	0.03	4.44	2
CO30166	CO30093	16.85	11 1-	4ACSR	0	0	521	151	49	6	5	0.03	4.46	2
CO30167	CO30166	16.88	11 1-	4ACSR	0	0	518	150	49	6	5	0.01	4.47	0
CO30168	CO30167	16.92	9 1-	4ACSR	0	0	514	150	46	6	5	0.01	4.49	0
CO30170	CO30168	16.99	9 1-	4ACSR	0	0	508	149	46	6	5	0.02	4.50	0
CO30169	CO30170	17.09	8 1-	4ACSR	0	0	500	149	41	5	4	0.02	4.53	0
CO30105	CO30169	17.14	1 1-	4ACSR	0	0	495	148	4	0	0	0.00	4.53	0
CO30092	CO30169	17.13	6 1-	4ACSR	0	0	496	148	28	3	3	0.01	4.54	0
CO30163	CO30092	17.20	6 1-	4ACSR	0	0	491	148	28	3	3	0.01	4.55	0
CO30091	CO30163	17.36	6 1-	4ACSR	0	0	478	146	28	3	3	0.03	4.57	0
CO30104	CO30091	17.41	5 1-	4ACSR	0	0	474	146	22	3	2	0.01	4.58	0
CO30455	CO30104	17.55	4 1-	4ACSR	0	0	463	145	15	2	2	0.01	4.59	0
CO27943	CO30455	17.74	3 1-	4ACSR	0	0	449	143	7	0	1	0.01	4.60	0
CO27944	CO27943	17.83	2 1-	4ACSR	0	0	443	143	3	0	0	0.00	4.60	0
CO27844	CO27944	17.90	1 1-	4ACSR	0	0	438	142	3	0	0	0.00	4.60	0
CO27831	CO27944	17.96	1 1-	4ACSR	0	0	434	142	0	0	0	0.00	4.60	0
CO27845	CO27831	18.08	1 1-	4ACSR	0	0	426	141	0	0	0	0.00	4.60	0
CO27983	CO27831	17.97	0 1-	4ACSR	0	0	434	142	0	0	0	0.00	4.60	0
CO27848	CO30455	17.71	1 1-	4ACSR	0	0	451	144	9	1	1	0.00	4.60	0
CO30162	CO30163	17.29	0 1-	4ACSR	0	0	483	147	0	0	0	0.00	4.55	0
CO30109	CO30093	16.80	1 1-	4ACSR	0	0	525	151	6	0	1	0.00	4.44	0
CO30270+	CO30201	15.51	5 1-	4ACSR	0	0	488	233	7	0	0	0.00	3.71	0
OC935+	CO30270	15.51	5 1-	10 N FUSE	0	0	488	233	7	0	5	0.00	3.71	0
CO30271+	OC935	15.58	5 1-	4ACSR	0	0	485	232	7	0	0	0.00	3.71	0
CO30121+	CO30271	15.64	1 1-	4ACSR	0	0	483	232	3	0	0	0.00	3.71	0
CO30260+	CO30271	15.60	3 1-	4ACSR	0	0	485	232	3	0	0	0.00	3.71	0
CO30261+	CO30260	15.66	2 1-	4ACSR	0	0	482	231	2	0	0	0.00	3.71	0
CO30122+	CO30260	15.85	1 1-	4ACSR	0	0	474	229	1	0	0	0.00	3.71	0
CO30268+	CO30236	15.30	32 1-	4ACSR	0	0	494	234	202	14	10	0.00	3.69	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC939+	CO30268	15.30	32 1-	35 E OCR	0	0	494	234	202	14	40	0.00	3.69	0
CO30269+	OC939	15.39	32 1-	4ACSR	0	0	490	233	202	14	10	0.03	3.71	9
CO30120+	CO30269	15.46	1 1-	4ACSR	0	0	488	232	12	0	1	0.00	3.71	0
CO30148+	CO30269	15.41	28 1-	4ACSR	0	0	490	233	179	12	9	0.01	3.72	0
CO30237+	CO30148	15.42	28 1-	4ACSR	0	0	489	233	179	12	9	0.00	3.72	0
CO30238+	CO30237	15.44	27 1-	4ACSR	0	0	488	233	168	11	8	0.00	3.73	0
CO30239+	CO30238	15.46	27 1-	4ACSR	0	0	487	232	168	11	8	0.01	3.73	0
CO30126+	CO30239	15.49	1 1-	2ACSR	0	0	486	232	2	0	0	0.00	3.73	0
CO30240+	CO30239	15.48	26 1-	4ACSR	0	0	486	232	166	11	8	0.01	3.74	0
CO30241+	CO30240	15.51	25 1-	4ACSR	0	0	485	232	158	10	8	0.01	3.74	0
CO30242+	CO30241	15.56	23 1-	4ACSR	0	0	483	231	153	10	8	0.01	3.75	2
CO30243+	CO30242	15.58	20 1-	4ACSR	0	0	482	231	133	9	7	0.00	3.76	0
CO30280+	CO30243	15.61	19 1-	4ACSR	0	0	481	231	122	8	6	0.01	3.77	0
CO30244+	CO30280	15.64	18 1-	4ACSR	0	0	480	230	121	8	6	0.01	3.77	0
CO30245+	CO30244	15.66	16 1-	4ACSR	0	0	479	230	103	7	5	0.00	3.77	0
CO30250+	CO30245	15.74	14 1-	4ACSR	0	0	476	229	87	6	4	0.01	3.78	0
CO30251+	CO30250	15.78	11 1-	4ACSR	0	0	474	229	67	4	3	0.00	3.79	0
CO30249+	CO30251	15.84	8 1-	4ACSR	0	0	471	228	57	3	3	0.00	3.79	0
CO30248+	CO30249	15.92	6 1-	4ACSR	0	0	468	228	41	2	2	0.00	3.80	0
CO30247+	CO30248	15.98	4 1-	4ACSR	0	0	466	227	24	1	1	0.00	3.80	0
CO30246+	CO30247	16.00	4 1-	4ACSR	0	0	465	227	24	1	1	0.00	3.80	0
CO30220+	CO30234	14.93	3 1-	4ACSR	0	0	504	236	7	0	0	0.00	3.60	0
CO30221+	CO30220	14.98	1 1-	4ACSR	0	0	501	235	4	0	0	0.00	3.60	0
CO30218+	CO30138	14.61	4 1-	4ACSR	0	0	514	238	27	1	1	0.00	3.55	0
CO30219+	CO30218	14.65	2 1-	4ACSR	0	0	513	237	15	1	1	0.00	3.55	0
CO30217+	CO30219	14.71	1 1-	4ACSR	0	0	510	237	7	0	0	0.00	3.55	0
CO30142+	CO30138	14.63	6 1-	4ACSR	0	0	514	238	24	1	1	0.00	3.55	0
CO30262+	CO30142	14.69	4 1-	4ACSR	0	0	511	237	19	1	1	0.00	3.55	0
CO30263+	CO30262	14.74	3 1-	4ACSR	0	0	508	237	8	0	0	0.00	3.55	0
CO30117+	CO30262	14.72	1 1-	4ACSR	0	0	509	237	10	0	1	0.00	3.55	0
CO30141+	CO30142	14.69	2 1-	4ACSR	0	0	511	237	6	0	0	0.00	3.55	0
NEWCAP-42E4DF7D+	CO30135	13.89	0 3-	Capacitor	728	689	547	245	0	-7	0	0.00	3.28	0
OH360+	CO30135	14.40	50 2-	1/0ACSR	0	667	530	242	211	7	3	0.04	3.32	12
XFMR361	OH360	14.40	50 2-	167 KVA 1PH AUT	0	541	496	157	211	7	63	0.87	3.75	0
CO30114	XFMR361	14.49	1 1-	4ACSR	0	0	489	156	0	0	0	0.00	4.19	0
CO30097	XFMR361	14.53	29 1-	4ACSR	0	0	486	155	111	15	11	0.09	4.28	17
CO30486	CO30097	14.80	28 1-	4ACSR	0	0	469	153	99	13	10	0.16	4.44	27
CO30319	CO30486	14.86	4 1-	4ACSR	0	0	464	152	6	0	1	0.00	4.45	0
CO30320	CO30319	14.88	4 1-	4ACSR	0	0	463	152	6	0	1	0.00	4.45	0
CO30305	CO30320	15.03	2 1-	4ACSR	0	0	453	151	2	0	0	0.00	4.45	0
CO30317	CO30305	15.09	1 1-	4ACSR	0	0	450	150	2	0	0	0.00	4.45	0
CO30318	CO30317	15.14	1 1-	4ACSR	0	0	447	150	2	0	0	0.00	4.45	0
CO30316	CO30318	15.25	1 1-	4ACSR	0	0	440	149	2	0	0	0.00	4.45	0
CO30313	CO30305	15.11	1 1-	4ACSR	0	0	449	150	0	0	0	0.00	4.45	0
CO30312	CO30320	14.90	1 1-	4ACSR	0	0	462	152	2	0	0	0.00	4.45	0
CO30311	CO30320	14.91	1 1-	4ACSR	0	0	461	152	2	0	0	0.00	4.45	0
CO30314	CO30486	14.96	23 1-	4ACSR	0	0	458	151	91	12	9	0.09	4.54	14
CO30315	CO30314	15.01	22 1-	4ACSR	0	0	455	151	87	12	9	0.02	4.56	4
CO30321	CO30315	15.12	21 1-	4ACSR	0	0	448	150	78	10	8	0.05	4.62	7
CO30322	CO30321	15.26	19 1-	4ACSR	0	0	440	149	75	10	8	0.07	4.68	8
CO30304	CO30322	15.35	15 1-	4ACSR	0	0	434	148	70	9	7	0.04	4.72	5
CO30325	CO30304	15.39	14 1-	4ACSR	0	0	432	148	65	9	6	0.01	4.74	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30326	CO30325	15.46	10 1-	4ACSR	0	0	427	147	53	7	5	0.02	4.76	2
CO30327	CO30326	15.67	10 1-	4ACSR	0	0	415	145	53	7	5	0.06	4.83	5
CO30328	CO30327	15.84	9 1-	4ACSR	0	0	406	144	45	6	4	0.04	4.86	2
CO30329	CO30328	15.91	6 1-	4ACSR	0	0	403	143	22	3	2	0.01	4.87	0
CO30330	CO30329	15.92	6 1-	4ACSR	0	0	402	143	22	3	2	0.00	4.87	0
CO30331	CO30330	15.96	5 1-	4ACSR	0	0	400	143	8	1	1	0.00	4.88	0
CO30332	CO30331	16.00	4 1-	4ACSR	0	0	398	143	6	0	1	0.00	4.88	0
CO30310	CO30304	15.41	1 1-	4ACSR	0	0	431	148	5	0	0	0.00	4.72	0
CO30323	CO30322	15.32	3 1-	4ACSR	0	0	436	148	5	0	1	0.00	4.68	0
CO30324	CO30323	15.49	2 1-	4ACSR	0	0	426	147	5	0	1	0.00	4.69	0
CO30309	CO30315	15.08	1 1-	4ACSR	0	0	450	150	9	1	1	0.00	4.56	0
CO30131	CO30097	14.61	1 1-	4ACSR	0	0	481	155	12	1	1	0.01	4.28	0
CO30132	CO30131	14.69	1 1-	4ACSR	0	0	475	154	12	1	1	0.00	4.29	0
CO30487	XFMR361	14.47	20 1-	4ACSR	0	0	490	156	100	13	10	0.05	4.23	8
CO30488	CO30487	14.61	1 1-	4ACSR	0	0	481	155	3	0	0	0.00	4.23	0
CO30303	CO30487	14.57	19 1-	4ACSR	0	0	484	155	97	13	10	0.06	4.29	9
CO30489	CO30303	14.71	1 1-	4ACSR	0	0	474	154	9	1	1	0.00	4.30	0
CO30302	CO30303	14.66	18 1-	4ACSR	0	0	477	154	88	12	9	0.05	4.34	8
CO30308	CO30302	14.79	1 1-	4ACSR	0	0	469	153	0	0	0	0.00	4.34	0
CO30334	CO30302	14.76	17 1-	4ACSR	0	0	471	153	88	12	9	0.05	4.40	8
CO30333	CO30334	14.87	17 1-	4ACSR	0	0	464	152	88	12	9	0.06	4.46	9
CO30335	CO30333	15.01	16 1-	4ACSR	0	0	455	151	81	11	8	0.07	4.53	9
CO30420	CO30335	15.12	14 1-	4ACSR	0	0	448	150	73	10	7	0.05	4.58	6
CO27880	CO30420	15.23	14 1-	4ACSR	0	0	441	149	73	10	7	0.05	4.63	6
CO27879	CO27880	15.48	14 1-	4ACSR	0	0	426	147	73	10	7	0.11	4.74	14
CO27855	CO27879	15.52	1 1-	4ACSR	0	0	424	147	6	0	1	0.00	4.75	0
CO27980	CO27879	15.77	12 1-	4ACSR	0	0	410	145	65	9	6	0.12	4.86	13
OC857	CO27980	15.77	12 1-	50 H OCR	0	0	410	145	64	9	18	0.00	4.86	0
CO27979	OC857	15.78	12 1-	4ACSR	0	0	410	144	64	9	6	0.00	4.87	0
CO27878	CO27979	15.78	11 1-	4ACSR	0	0	409	144	60	8	6	0.00	4.87	0
CO30461	CO27878	16.04	11 1-	4ACSR	0	0	396	142	60	8	6	0.10	4.97	10
CO30045	CO30461	16.14	1 1-	4ACSR	0	0	391	142	0	0	0	0.00	4.97	0
CO30459	CO30045	16.40	1 1-	4ACSR	0	0	378	140	0	0	0	0.00	4.97	0
CO30044	CO30461	16.28	10 1-	4ACSR	0	0	384	140	60	8	6	0.09	5.06	9
CO30043	CO30044	16.48	10 1-	4ACSR	0	0	374	139	59	8	6	0.08	5.13	7
CO916209253	CO30043	16.58	10 1-	2ACSR	0	0	370	138	59	8	5	0.03	5.16	3
CO-1691455819	CO916209253	16.65	9 1-	2ACSR	0	0	368	138	59	8	5	0.02	5.18	0
CO30008	CO-1691455819	16.72	3 1-	4ACSR	0	0	364	137	13	1	1	0.00	5.18	0
CO30041	CO-1691455819	16.72	6 1-	4ACSR	0	0	364	137	46	6	5	0.02	5.20	0
CO30040	CO30041	16.78	5 1-	4ACSR	0	0	361	137	43	6	4	0.01	5.21	0
CO30039	CO30040	16.87	3 1-	4ACSR	0	0	358	136	24	3	2	0.01	5.22	0
CO30038	CO30039	16.89	2 1-	4ACSR	0	0	357	136	17	2	2	0.00	5.22	0
CO1329745239	CO916209253	16.65	1 1-	2ACSR	0	0	367	138	1	0	0	0.00	5.16	0
CO27856	CO27979	16.06	1 1-	4ACSR	0	0	395	142	5	0	0	0.00	4.87	0
CO30307	CO30333	14.98	0 1-	4ACSR	0	0	457	151	0	0	0	0.00	4.46	0
CO30306	CO30333	14.98	1 1-	4ACSR	0	0	457	151	6	0	1	0.00	4.46	0
CO27863+	CO27987	12.72	1 1-	4ACSR	0	0	590	252	4	0	0	0.00	3.02	0
CO27857+	CO27884	11.28	1 1-	4ACSR	0	0	655	262	12	0	1	0.00	2.68	0
CO30449+	CO27881	11.03	1 1-	4ACSR	0	0	666	263	3	0	0	0.00	2.61	0
CO27685+	CO27564	10.70	60 1-	4ACSR	0	0	688	266	333	23	16	0.00	2.56	0
OC842+	CO27685	10.70	60 1-	50 E OCR	0	0	688	266	333	23	46	0.00	2.56	0
CO27686+	OC842	10.82	60 1-	4ACSR	0	0	678	265	333	23	16	0.07	2.63	36

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
XFMR72	CO27686	10.82	60 1-	333 KVA 1PH AUT	0	0	718	164	332	23	100	0.87	3.49	0
CO27565	XFMR72	10.87	60 1-	4ACSR	0	0	711	163	332	46	33	0.10	3.59	54
CO30450	CO27565	11.04	60 1-	4ACSR	0	0	686	162	332	46	33	0.36	3.95	194
CO27869	CO30450	11.21	59 1-	4ACSR	0	0	663	160	330	46	33	0.35	4.30	188
CO27870	CO27869	11.28	59 1-	4ACSR	0	0	653	159	330	46	33	0.16	4.45	86
CO27871	CO27870	11.33	59 1-	4ACSR	0	0	647	159	329	46	33	0.09	4.55	50
CO27866	CO27871	11.45	59 1-	4ACSR	0	0	631	158	329	46	33	0.25	4.80	137
CO27874	CO27866	11.55	58 1-	4ACSR	0	0	618	157	325	45	33	0.22	5.02	117
CO27865	CO27874	11.59	1 1-	2ACSR	0	0	614	157	11	1	1	0.00	5.02	0
CO27875	CO27874	11.59	57 1-	4ACSR	0	0	613	156	314	44	31	0.08	5.09	39
CO27872	CO27875	11.68	57 1-	4ACSR	0	0	602	156	313	44	31	0.19	5.28	98
CO27873	CO27872	11.71	57 1-	4ACSR	0	0	599	155	313	44	31	0.06	5.34	29
CO27867	CO27873	11.80	56 1-	4ACSR	0	0	588	154	310	43	31	0.18	5.51	91
CO27868	CO27867	11.91	55 1-	4ACSR	0	0	576	153	310	43	31	0.22	5.73	113
CO30456	CO27868	12.05	53 1-	4ACSR	0	0	561	152	301	42	30	0.27	6.01	138
CO30019	CO30456	12.19	48 1-	4ACSR	0	0	546	151	278	39	28	0.24	6.25	113
CO30020	CO30019	12.24	47 1-	4ACSR	0	0	541	151	277	39	28	0.09	6.34	40
CO30021	CO30020	12.28	46 1-	4ACSR	0	0	537	150	272	38	28	0.07	6.41	34
CO30007	CO30021	12.38	1 1-	2ACSR	0	0	530	150	2	0	0	0.00	6.41	0
CO-1626956341	CO30007	12.45	0 1-	2ACSR	0	0	524	149	0	0	0	0.00	6.41	0
CO-478922856	CO30007	12.60	0 1-	2ACSR	0	0	513	148	0	0	0	0.00	6.41	0
CO30025	CO30021	12.40	43 1-	4ACSR	0	0	525	149	255	36	26	0.20	6.61	84
CO30026	CO30025	12.64	41 1-	4ACSR	0	0	503	147	252	35	26	0.39	6.99	163
CO29986	CO30026	12.70	39 1-	4ACSR	0	0	498	147	245	35	25	0.09	7.08	37
CO30005	CO29986	12.74	1 1-	4ACSR	0	0	495	146	7	0	1	0.00	7.08	0
CO29987	CO29986	12.77	38 1-	4ACSR	0	0	492	146	238	34	24	0.12	7.20	47
CO-1682037951	CO29987	12.81	1 1-	2ACSR	0	0	490	146	1	0	0	0.00	7.20	0
CO30027	CO29987	12.83	2 1-	4ACSR	0	0	487	146	5	0	0	0.00	7.20	0
CO30028	CO30027	12.94	1 1-	4ACSR	0	0	478	145	5	0	0	0.00	7.20	0
CO30015	CO30027	12.88	1 1-	2ACSR	0	0	484	145	0	0	0	0.00	7.20	0
CO29988	CO29987	12.84	35 1-	4ACSR	0	0	486	146	233	33	24	0.11	7.31	41
CO30004	CO29988	12.94	1 1-	4ACSR	0	0	478	145	5	0	0	0.00	7.31	0
CO29989	CO29988	12.98	29 1-	4ACSR	0	0	475	144	177	25	18	0.15	7.46	45
CO30003	CO29989	13.03	1 1-	4ACSR	0	0	471	144	5	0	1	0.00	7.46	0
CO29990	CO29989	13.10	28 1-	4ACSR	0	0	465	143	171	24	18	0.14	7.59	40
CO-660697368	CO29990	13.17	1 1-	2ACSR	0	0	461	143	7	1	1	0.00	7.60	0
CO30032	CO29990	13.20	5 1-	4ACSR	0	0	457	143	40	5	4	0.02	7.62	0
CO30002	CO30032	13.26	1 1-	4ACSR	0	0	453	142	6	0	1	0.00	7.62	0
CO30033	CO30032	13.28	3 1-	4ACSR	0	0	452	142	18	2	2	0.00	7.62	0
CO30034	CO29990	13.10	22 1-	4ACSR	0	0	465	143	124	17	13	0.00	7.60	0
CO58609891	CO30034	13.13	2 1-	4ACSR	0	0	463	143	7	1	1	0.00	7.60	0
CO2126628670	CO58609891	13.14	0 1-	4ACSR	0	0	462	143	0	0	0	0.00	7.60	0
CO399032542	CO58609891	13.20	2 1-	4ACSR	0	0	458	143	7	1	1	0.00	7.60	0
CO30035	CO30034	13.22	20 1-	4ACSR	0	0	456	143	117	16	12	0.08	7.68	16
CO30082	CO30035	13.34	16 1-	4ACSR	0	0	447	142	79	11	8	0.06	7.74	8
CO30083	CO30082	13.45	14 1-	4ACSR	0	0	439	141	72	10	7	0.05	7.79	6
CO30001	CO30083	13.51	1 1-	4ACSR	0	0	435	140	2	0	0	0.00	7.79	0
CO30084	CO30083	13.47	13 1-	4ACSR	0	0	438	141	70	10	7	0.01	7.80	0
CO30085	CO30084	13.48	13 1-	4ACSR	0	0	437	140	70	10	7	0.00	7.81	0
CO30086	CO30085	13.54	12 1-	4ACSR	0	0	433	140	66	9	7	0.03	7.83	3
CO30076	CO30086	13.57	9 1-	4ACSR	0	0	431	140	60	8	6	0.01	7.85	0
CO30080	CO30076	13.60	4 1-	4ACSR	0	0	429	140	15	2	2	0.00	7.85	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30081	CO30080	13.62	1 1-	4ACSR	0	0	428	139	3	0	0	0.00	7.85	0
CO30077	CO30076	13.60	4 1-	4ACSR	0	0	429	140	44	6	5	0.01	7.85	0
CO30078	CO30077	13.62	4 1-	4ACSR	0	0	428	139	44	6	5	0.00	7.86	0
CO30079	CO30078	13.64	3 1-	4ACSR	0	0	427	139	29	4	3	0.00	7.86	0
CO30075	CO30086	13.68	3 1-	4ACSR	0	0	424	139	7	0	1	0.00	7.84	0
CO30036	CO30035	13.27	3 1-	2ACSR	0	0	453	142	29	4	2	0.00	7.69	0
CO30037	CO30036	13.32	1 1-	2ACSR	0	0	450	142	10	1	1	0.00	7.69	0
CO30029	CO29988	12.92	5 1-	4ACSR	0	0	480	145	51	7	5	0.02	7.33	0
CO30030	CO30029	12.96	4 1-	4ACSR	0	0	477	145	33	4	3	0.01	7.33	0
CO30074	CO30030	13.04	1 1-	2ACSR	0	0	471	144	10	1	1	0.00	7.33	0
CO30031	CO30030	12.99	1 1-	4ACSR	0	0	474	144	7	1	1	0.00	7.33	0
CO30006	CO30026	12.87	1 1-	4ACSR	0	0	484	145	3	0	0	0.00	6.99	0
CO30022	CO30021	12.47	2 1-	4ACSR	0	0	519	149	15	2	1	0.02	6.43	0
CO30023	CO30022	12.61	1 1-	4ACSR	0	0	506	147	8	1	1	0.00	6.43	0
CO30024	CO30023	12.68	0 1-	4ACSR	0	0	500	147	0	0	0	0.00	6.43	0
CO30017	CO30022	12.52	1 1-	2ACSR	0	0	515	148	7	0	1	0.00	6.43	0
CO30460	CO30456	12.17	5 1-	4ACSR	0	0	549	151	22	3	2	0.02	6.02	0
CO27876	CO30460	12.18	5 1-	4ACSR	0	0	547	151	22	3	2	0.00	6.02	0
CO27877	CO27876	12.22	4 1-	4ACSR	0	0	543	151	13	1	1	0.00	6.03	0
CO27854	CO27877	12.33	2 1-	4ACSR	0	0	533	150	9	1	1	0.00	6.03	0
CO27853	CO27877	12.32	0 1-	4ACSR	0	0	533	150	0	0	0	0.00	6.03	0
CO27852	CO27868	11.98	2 1-	4ACSR	0	0	569	153	8	1	1	0.00	5.73	0
CO27504	XFMR72	10.85	0 1-	4ACSR	0	0	714	164	0	0	0	0.00	3.49	0
CO27502+	CO27469	10.69	1 1-	4ACSR	0	0	686	266	3	0	0	0.00	2.53	0
CO27503+	CO27560	10.63	1 1-	4ACSR	0	0	690	266	4	0	0	0.00	2.52	0
CO27558+	CO27557	10.50	1 1-	4ACSR	0	0	695	267	7	0	0	0.00	2.45	0
CO27559+	CO27558	10.69	0 1-	4ACSR	0	0	679	264	0	0	0	0.00	2.45	0
CO27492+	CO27549	9.88	1 1-	4ACSR	0	0	735	272	4	0	0	0.00	2.12	0
CO27675+	CO-1000846053	9.39	4 1-	4ACSR	0	0	769	276	6	0	0	0.00	1.87	0
OC837+	CO27675	9.39	4 1-	10 N FUSE	0	0	769	276	6	0	4	0.00	1.87	0
CO27676+	OC837	9.45	4 1-	4ACSR	0	0	763	275	6	0	0	0.00	1.87	0
CO27537+	CO27676	9.49	3 1-	4ACSR	0	0	759	274	0	0	0	0.00	1.87	0
CO27490+	CO27537	9.57	1 1-	4ACSR	0	0	751	273	0	0	0	0.00	1.87	0
CO27538+	CO27537	9.52	1 1-	4ACSR	0	0	756	274	0	0	0	0.00	1.87	0
CO27539+	CO27538	9.63	1 1-	4ACSR	0	0	745	272	0	0	0	0.00	1.87	0
CO27540+	CO27539	9.66	1 1-	4ACSR	0	0	742	272	0	0	0	0.00	1.87	0
CO27541+	CO27540	9.75	0 1-	4ACSR	0	0	733	271	0	0	0	0.00	1.87	0
CO27542+	CO27541	9.79	0 1-	4ACSR	0	0	730	270	0	0	0	0.00	1.87	0
CO27543+	CO27542	9.86	0 1-	4ACSR	0	0	723	269	0	0	0	0.00	1.87	0
CO27544+	CO27543	9.89	0 1-	4ACSR	0	0	720	269	0	0	0	0.00	1.87	0
CO27491+	CO27544	9.91	0 1-	4ACSR	0	0	718	268	0	0	0	0.00	1.87	0
CO27545+	CO27544	10.03	0 1-	4ACSR	0	0	708	267	0	0	0	0.00	1.87	0
CO27546+	CO27545	10.09	0 1-	4ACSR	0	0	702	266	0	0	0	0.00	1.87	0
CO27463+	CO27462	9.40	230 3-	1/0ACSR	1003	945	769	276	1053	24	10	0.02	1.82	38
CO27681+	CO27463	9.41	228 3-	1/0ACSR	1002	944	769	276	1031	23	10	0.00	1.82	0
OC847+	CO27681	9.41	228 3-	100 E OCR	1002	944	769	276	1031	23	24	0.00	1.82	0
CO27682+	OC847	9.42	228 3-	1/0ACSR	1001	943	768	276	1031	23	10	0.00	1.82	5
CO27517+	CO27682	9.51	228 3-	1/0ACSR	994	937	762	275	1031	23	10	0.02	1.84	27
CO27518+	CO27517	9.57	226 3-	1/0ACSR	989	932	758	275	1023	23	10	0.01	1.85	18
CO27464+	CO27518	9.66	225 3-	1/0ACSR	981	925	752	274	1019	23	10	0.02	1.87	31
CO30663+	CO27464	9.71	223 3-	1/0ACSR	978	922	749	274	1014	23	10	0.01	1.88	14
CO27470+	CO30663	9.76	223 3-	1/0ACSR	973	918	745	273	1014	23	10	0.01	1.89	16

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27524+	CO27470	9.83	220 3-	1/0ACSR	968	913	741	273	999	22	10	0.01	1.90	20
CO27525+	CO27524	10.01	219 3-	1/0ACSR	954	900	730	271	980	22	10	0.03	1.94	51
CO27529+	CO27525	10.16	217 3-	1/0ACSR	943	889	720	270	970	22	10	0.03	1.97	45
CO27528+	CO27529	10.26	217 3-	1/0ACSR	935	882	714	270	970	22	10	0.02	1.99	27
CO27486+	CO27528	10.32	2 1-	4ACSR	0	0	709	269	8	0	0	0.00	1.99	0
CO27533+	CO27528	10.33	213 3-	1/0ACSR	931	878	710	269	959	21	10	0.01	2.00	19
CO27534+	CO27533	10.48	213 3-	1/0ACSR	920	868	702	268	959	21	10	0.03	2.03	40
CO30399+	CO27534	10.64	212 3-	1/0ACSR	909	857	692	267	946	21	9	0.03	2.06	44
CO27230+	CO30399	10.76	211 3-	1/0ACSR	901	850	686	266	942	21	9	0.02	2.08	31
CO27231+	CO27230	10.85	211 3-	1/0ACSR	894	844	681	265	942	21	9	0.02	2.10	25
CO27315+	CO27231	10.86	6 1-	4ACSR	0	0	680	265	17	1	1	0.00	2.10	0
OC832+	CO27315	10.86	6 1-	10 N FUSE	0	0	680	265	17	1	12	0.00	2.10	0
CO27316+	OC832	10.93	6 1-	4ACSR	0	0	674	264	17	1	1	0.00	2.10	0
CO27188+	CO27316	11.40	4 1-	4ACSR	0	0	638	258	12	0	1	0.01	2.11	0
CO27202+	CO27188	11.60	1 1-	4ACSR	0	0	624	255	3	0	0	0.00	2.11	0
CO27201+	CO27188	11.48	1 1-	4ACSR	0	0	633	257	0	0	0	0.00	2.11	0
CO27232+	CO27188	11.47	2 1-	4ACSR	0	0	633	257	10	0	0	0.00	2.11	0
CO27233+	CO27232	11.82	0 1-	4ACSR	0	0	609	253	0	0	0	0.00	2.11	0
CO27203+	CO27316	11.04	1 1-	4ACSR	0	0	665	263	5	0	0	0.00	2.10	0
CO27189+	CO27231	10.96	205 3-	1/0ACSR	887	837	674	265	925	21	9	0.02	2.12	29
CO27236+	CO27189	11.05	203 3-	1/0ACSR	881	832	670	264	917	20	9	0.02	2.13	22
CO27237+	CO27236	11.37	203 3-	1/0ACSR	861	813	653	262	917	20	9	0.06	2.19	81
CO27204+	CO27237	11.45	0 1-	4ACSR	0	0	648	261	0	0	0	0.00	2.19	0
CO27238+	CO27237	11.48	203 3-	1/0ACSR	854	806	648	261	916	20	9	0.02	2.21	28
CO27239+	CO27238	11.61	203 3-	1/0ACSR	846	799	642	260	916	20	9	0.02	2.24	34
CO27240+	CO27239	11.80	203 3-	1/0ACSR	835	789	633	259	916	20	9	0.03	2.27	47
CO27313+	CO27240	11.81	11 1-	4ACSR	0	0	632	259	55	3	3	0.00	2.27	0
OC831+	CO27313	11.81	11 1-	35 E OCR	0	0	632	259	55	3	11	0.00	2.27	0
CO27314+	OC831	11.99	11 1-	4ACSR	0	0	619	256	55	3	3	0.02	2.29	0
CO27242+	CO27314	12.04	10 1-	4ACSR	0	0	616	256	55	3	3	0.00	2.29	0
CO27207+	CO27242	12.10	1 1-	2ACSR	0	0	613	255	6	0	0	0.00	2.29	0
CO27243+	CO27207	12.16	1 1-	1/0PRIURD	0	0	610	421	6	0	0	0.00	2.29	0
CO27241+	CO27242	12.25	9 1-	4ACSR	0	0	602	253	48	3	2	0.02	2.31	0
CO-845371752+	CO27241	12.35	9 1-	2ACSR	0	0	597	252	48	3	2	0.01	2.31	0
CO2042225417+	CO-845371752	12.62	9 1-	2ACSR	0	0	583	250	48	3	2	0.01	2.33	0
CO1769496304+	CO2042225417	12.64	8 1-	2ACSR	0	0	582	250	41	2	2	0.00	2.33	0
CO383478790+	CO1769496304	12.73	1 1-	2ACSR	0	0	578	249	10	0	0	0.00	2.33	0
CO-1443026499+	CO1769496304	12.67	7 1-	2ACSR	0	0	581	249	31	2	1	0.00	2.33	0
CO27219+	CO-1443026499	12.76	6 1-	4ACSR	0	0	575	248	23	1	1	0.00	2.33	0
CO27218+	CO27219	12.86	6 1-	4ACSR	0	0	570	247	23	1	1	0.00	2.33	0
CO27217+	CO27218	13.00	6 1-	4ACSR	0	0	562	245	23	1	1	0.01	2.34	0
CO27185+	CO27217	13.08	5 1-	4ACSR	0	0	557	244	17	1	1	0.00	2.34	0
CO30410+	CO27185	13.31	5 1-	4ACSR	0	0	544	242	17	1	1	0.01	2.35	0
CO27607+	CO30410	13.42	5 1-	4ACSR	0	0	539	240	17	1	1	0.00	2.35	0
CO27606+	CO27607	13.45	5 1-	4ACSR	0	0	537	240	17	1	1	0.00	2.35	0
CO27605+	CO27606	13.51	5 1-	4ACSR	0	0	534	239	17	1	1	0.00	2.35	0
CO27456+	CO27605	13.59	3 1-	4ACSR	0	0	530	239	15	1	1	0.00	2.35	0
CO27603+	CO27456	13.72	2 1-	4ACSR	0	0	523	237	15	1	1	0.00	2.36	0
CO27604+	CO27603	13.81	1 1-	4ACSR	0	0	518	236	8	0	0	0.00	2.36	0
CO27602+	CO27604	13.89	1 1-	4ACSR	0	0	514	235	8	0	0	0.00	2.36	0
CO27601+	CO27602	13.63	0 1-	4ACSR	0	0	527	238	0	0	0	0.00	2.35	0
CO30409+	CO27185	13.22	0 1-	4ACSR	0	0	549	243	0	0	0	0.00	2.34	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27215+	CO27217	13.10	1 1-	4ACSR	0	0	556	244	6	0	0	0.00	2.34	0
CO27216+	CO27215	13.14	1 1-	4ACSR	0	0	553	244	6	0	0	0.00	2.34	0
CO27209+	CO-1443026499	12.79	1 1-	2ACSR	0	0	575	248	8	0	0	0.00	2.33	0
CO-734106827+	CO2042225417	12.68	1 1-	2ACSR	0	0	581	249	7	0	0	0.00	2.33	0
CO27221+	CO-734106827	12.70	1 1-	4ACSR	0	0	579	249	7	0	0	0.00	2.33	0
CO27244+	CO27240	12.10	192 3-	1/0ACSR	817	773	619	257	861	19	9	0.05	2.32	68
CO27245+	CO27244	12.18	192 3-	1/0ACSR	813	769	615	256	860	19	9	0.01	2.34	17
CO27246+	CO27245	12.27	192 3-	1/0ACSR	808	764	611	256	860	19	9	0.02	2.35	21
CO27250+	CO27246	12.41	191 3-	1/0ACSR	801	757	605	255	856	19	9	0.02	2.37	29
CO27317+	CO27250	12.49	190 3-	1/0ACSR	796	753	602	254	851	19	8	0.01	2.39	18
CO27251+	CO27317	12.68	190 3-	1/0ACSR	787	744	594	253	851	19	8	0.03	2.42	40
CO27252+	CO27251	12.72	190 3-	1/0ACSR	784	742	592	253	851	19	8	0.01	2.43	9
CO27182+	CO27252	12.75	188 3-	1/0ACSR	783	740	591	252	842	19	8	0.01	2.43	7
CO27253+	CO27182	12.88	188 3-	1/0ACSR	776	734	586	252	842	19	8	0.02	2.45	28
CO27254+	CO27253	12.97	188 3-	1/0ACSR	772	730	582	251	842	19	8	0.01	2.47	18
CO27258+	CO27254	13.08	186 3-	1/0ACSR	766	725	578	250	836	19	8	0.02	2.49	24
CO27259+	CO27258	13.15	186 3-	1/0ACSR	762	721	575	250	836	19	8	0.01	2.50	16
CO27260+	CO27259	13.26	186 3-	1/0ACSR	757	716	571	249	836	19	8	0.02	2.52	22
CO27194+	CO27260	13.28	1 1-	4ACSR	0	0	569	249	0	0	0	0.00	2.52	0
CO27183+	CO27260	13.30	185 3-	1/0ACSR	755	715	569	249	836	19	8	0.01	2.52	8
CO27184+	CO27183	13.34	184 3-	1/0ACSR	754	713	568	249	834	19	8	0.01	2.53	8
CO30499+	CO27184	13.54	183 3-	1/0ACSR	744	704	560	247	831	19	8	0.03	2.57	44
CO27024+	CO30499	13.61	2 1-	4ACSR	0	0	556	247	6	0	0	0.00	2.57	0
CO27093+	CO30499	13.68	181 3-	1/0ACSR	738	698	555	246	824	18	8	0.02	2.59	27
CO27095+	CO27093	13.73	180 3-	1/0ACSR	735	696	553	246	810	18	8	0.01	2.60	11
CO27128+	CO27095	13.92	180 3-	1/0ACSR	727	688	547	245	810	18	8	0.03	2.63	37
CO27129+	CO27128	13.98	180 3-	1/0ACSR	724	685	545	245	810	18	8	0.01	2.64	12
CO26990+	CO27129	14.75	177 3-	1/0ACSR	691	655	519	240	777	17	8	0.12	2.76	142
CO27134+	CO26990	14.76	6 1-	4ACSR	0	0	519	240	36	2	2	0.00	2.76	0
OC828+	CO27134	14.76	6 1-	10 N FUSE	0	0	519	240	36	2	25	0.00	2.76	0
CO27135+	OC828	14.99	6 1-	4ACSR	0	0	507	237	36	2	2	0.01	2.77	0
CO27090+	CO27135	15.10	2 1-	4ACSR	0	0	503	236	16	1	1	0.00	2.77	0
CO27091+	CO27090	15.13	1 1-	4ACSR	0	0	501	236	8	0	0	0.00	2.77	0
CO27088+	CO27135	15.04	4 1-	4ACSR	0	0	505	237	21	1	1	0.00	2.77	0
CO27089+	CO27088	15.17	2 1-	4ACSR	0	0	499	235	0	0	0	0.00	2.77	0
CO27087+	CO27089	15.23	2 1-	4ACSR	0	0	497	235	0	0	0	0.00	2.77	0
CO1620110350+	CO27087	15.30	1 1-	2ACSR	0	0	494	234	0	0	0	0.00	2.77	0
CO-1413196059+	CO1620110350	15.31	0 1-	1/0PRIURD	0	0	494	363	0	0	0	0.00	2.77	0
CO-1437401406+	CO1620110350	15.42	1 1-	2ACSR	0	0	490	233	0	0	0	0.00	2.77	0
CO-509708034+	CO-1437401406	15.48	1 1-	1/0PRIURD	0	0	489	360	0	0	0	0.00	2.77	0
CO27036+	CO27087	15.28	1 1-	2ACSR	0	0	495	234	0	0	0	0.00	2.77	0
CO1280824492+	CO27088	15.12	0 1-	2ACSR	0	0	502	236	0	0	0	0.00	2.77	0
CO544020739+	CO1280824492	15.21	0 1-	2ACSR	0	0	499	235	0	0	0	0.00	2.77	0
CO-287991426+	CO544020739	15.29	0 1-	2ACSR	0	0	496	235	0	0	0	0.00	2.77	0
CO27092+	CO26990	14.94	171 3-	1/0ACSR	684	648	513	239	741	17	7	0.03	2.78	31
CO27035+	CO27092	15.03	1 1-	2ACSR	0	0	510	238	9	0	0	0.00	2.78	0
CO27116+	CO27092	15.14	169 3-	1/0ACSR	676	640	507	238	720	16	7	0.03	2.81	31
CO27117+	CO27116	15.21	169 3-	1/0ACSR	673	638	505	237	720	16	7	0.01	2.82	11
CO26991+	CO27117	15.28	168 3-	1/0ACSR	671	635	503	237	714	16	7	0.01	2.83	12
CO26993+	CO26991	15.33	48 1-	4ACSR	0	0	501	236	174	12	9	0.01	2.84	3
CO27132+	CO26993	15.33	48 1-	4ACSR	0	0	500	236	174	12	9	0.00	2.85	0
OC827+	CO27132	15.33	48 1-	25 H OCR	0	0	500	236	174	12	48	0.00	2.85	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27133+	OC827	15.40	48 1-	4ACSR	0	0	498	235	174	12	9	0.02	2.86	5
XFMR81	CO27133	15.40	48 1-	167 KVA 1PH AUT	0	0	482	155	174	12	104	0.70	3.56	0
CO27080	XFMR81	15.52	48 1-	4ACSR	0	0	474	154	174	24	17	0.13	3.70	38
CO27012	CO27080	15.58	1 1-	4ACSR	0	0	470	154	6	0	1	0.00	3.70	0
CO26994	CO27080	15.62	47 1-	4ACSR	0	0	467	153	167	23	17	0.11	3.81	30
CO26995	CO26994	15.79	44 1-	4ACSR	0	0	456	152	162	22	16	0.17	3.98	45
CO30390	CO26995	15.98	20 1-	4ACSR	0	0	445	150	78	10	8	0.09	4.07	12
CO27153	CO30390	16.04	2 1-	4ACSR	0	0	442	150	4	0	0	0.00	4.07	0
CO27154	CO27153	16.13	1 1-	4ACSR	0	0	436	149	4	0	0	0.00	4.07	0
CO27155	CO30390	16.29	18 1-	4ACSR	0	0	427	147	75	10	7	0.14	4.21	16
CO27156	CO27155	16.35	17 1-	4ACSR	0	0	423	147	68	9	7	0.03	4.23	3
CO27180	CO27156	16.53	14 1-	4ACSR	0	0	413	145	60	8	6	0.06	4.30	6
CO27181	CO27180	16.71	12 1-	4ACSR	0	0	403	144	53	7	5	0.06	4.36	5
CO27163	CO27181	16.84	12 1-	4ACSR	0	0	397	143	53	7	5	0.04	4.40	4
CO27164	CO27163	16.89	12 1-	4ACSR	0	0	394	142	53	7	5	0.02	4.42	0
CO27165	CO27164	16.99	11 1-	4ACSR	0	0	389	142	49	6	5	0.03	4.44	0
CO27142	CO27165	17.05	1 1-	4ACSR	0	0	386	141	2	0	0	0.00	4.44	0
CO27140	CO27165	17.03	9 1-	4ACSR	0	0	387	141	40	5	4	0.01	4.45	0
CO27178	CO27140	17.10	8 1-	4ACSR	0	0	384	141	27	3	3	0.01	4.47	0
CO27179	CO27178	17.25	7 1-	4ACSR	0	0	376	140	23	3	2	0.02	4.49	0
CO27166	CO27179	17.37	7 1-	4ACSR	0	0	371	139	23	3	2	0.02	4.50	0
CO27145	CO27166	17.53	1 1-	4ACSR	0	0	363	138	6	0	1	0.00	4.51	0
CO27167	CO27166	17.48	6 1-	4ACSR	0	0	366	138	16	2	2	0.01	4.52	0
CO27176	CO27167	17.50	6 1-	4ACSR	0	0	365	138	16	2	2	0.00	4.52	0
CO27177	CO27176	17.52	5 1-	4ACSR	0	0	364	138	16	2	2	0.00	4.52	0
CO27144	CO27177	17.88	2 1-	4ACSR	0	0	348	135	10	1	1	0.01	4.53	0
CO27174	CO27177	17.65	3 1-	4ACSR	0	0	358	137	5	0	1	0.00	4.52	0
CO27175	CO27174	17.77	3 1-	4ACSR	0	0	353	136	5	0	1	0.00	4.53	0
CO27168	CO27175	17.91	2 1-	4ACSR	0	0	347	135	5	0	1	0.00	4.53	0
CO27172	CO27168	17.94	2 1-	4ACSR	0	0	346	135	5	0	1	0.00	4.53	0
CO27173	CO27172	17.96	1 1-	4ACSR	0	0	345	134	0	0	0	0.00	4.53	0
CO27143	CO27140	17.19	1 1-	4ACSR	0	0	379	140	13	1	1	0.01	4.46	0
CO27161	CO27156	16.39	2 1-	4ACSR	0	0	421	146	7	1	1	0.00	4.24	0
CO27162	CO27161	16.44	2 1-	4ACSR	0	0	418	146	7	1	1	0.00	4.24	0
CO27160	CO27162	16.49	2 1-	4ACSR	0	0	416	146	7	1	1	0.00	4.24	0
CO27159	CO27160	16.51	2 1-	4ACSR	0	0	414	146	7	1	1	0.00	4.24	0
CO27158	CO27159	16.58	1 1-	4ACSR	0	0	411	145	1	0	0	0.00	4.24	0
CO27157	CO27158	16.64	1 1-	4ACSR	0	0	407	144	1	0	0	0.00	4.24	0
CO27084	CO26995	15.85	22 1-	4ACSR	0	0	453	151	77	10	8	0.03	4.00	3
CO27085	CO27084	15.95	19 1-	4ACSR	0	0	447	150	69	9	7	0.04	4.04	5
CO27013	CO27085	15.99	1 1-	4ACSR	0	0	444	150	9	1	1	0.00	4.04	0
CO27086	CO27085	16.08	18 1-	4ACSR	0	0	439	149	59	8	6	0.05	4.09	5
CO30518	CO27086	16.16	18 1-	4ACSR	0	0	434	148	59	8	6	0.03	4.12	3
CO2021199291	CO30518	16.21	0 1-	2ACSR	0	0	432	148	0	0	0	0.00	4.12	0
CO30519	CO30518	16.29	15 1-	4ACSR	0	0	427	147	49	6	5	0.04	4.16	3
CO27141	CO30519	16.38	12 1-	4ACSR	0	0	421	147	33	4	3	0.02	4.18	0
CO30391	CO27141	16.63	10 1-	1/0ACSR	0	0	412	146	28	3	2	0.02	4.20	0
CO27353	CO30391	16.74	10 1-	1/0ACSR	0	0	408	145	28	3	2	0.01	4.21	0
CO27354	CO27353	16.86	10 1-	1/0ACSR	0	0	403	145	28	3	2	0.01	4.22	0
CO30393	CO27354	16.99	9 1-	1/0ACSR	0	0	399	144	28	3	2	0.01	4.23	0
CO30394	CO30393	17.30	9 1-	1/0ACSR	0	0	388	143	28	3	2	0.03	4.25	0
CO27322	CO30394	17.38	9 1-	4ACSR	0	0	384	142	28	3	3	0.01	4.27	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27359	CO27322	17.61	8 1-	4ACSR	0	0	373	140	24	3	2	0.04	4.30	0
CO30396	CO27359	17.74	2 1-	2ACSR	0	0	368	140	1	0	0	0.00	4.30	0
CO27212	CO30396	17.82	2 1-	2ACSR	0	0	365	139	1	0	0	0.00	4.30	0
CO27213	CO27212	17.86	1 1-	2ACSR	0	0	364	139	1	0	0	0.00	4.30	0
CO27360	CO27359	17.69	6 1-	4ACSR	0	0	369	140	23	3	2	0.01	4.31	0
CO27323	CO27360	17.79	4 1-	4ACSR	0	0	365	139	15	2	2	0.01	4.32	0
CO27330	CO27323	17.88	3 1-	4ACSR	0	0	361	138	9	1	1	0.01	4.33	0
CO27361	CO27330	17.97	1 1-	4ACSR	0	0	357	138	8	1	1	0.00	4.33	0
CO27362	CO27361	18.01	0 1-	4ACSR	0	0	355	137	0	0	0	0.00	4.33	0
CO27324	CO27330	18.01	1 1-	4ACSR	0	0	355	137	0	0	0	0.00	4.33	0
CO27363	CO27324	18.12	0 1-	4ACSR	0	0	351	136	0	0	0	0.00	4.33	0
CO27364	CO27363	18.25	0 1-	4ACSR	0	0	345	135	0	0	0	0.00	4.33	0
CO27340	CO27324	18.20	1 1-	4ACSR	0	0	347	136	0	0	0	0.00	4.33	0
CO27347	CO27330	17.93	1 1-	4ACSR	0	0	359	138	1	0	0	0.00	4.33	0
CO27348	CO27323	17.86	1 1-	1/0PRIURD	0	0	363	242	7	0	1	0.00	4.32	0
CO30397	CO27360	17.91	2 1-	4ACSR	0	0	360	138	8	1	1	0.01	4.32	0
CO27214	CO30397	17.99	0 1-	4ACSR	0	0	356	137	0	0	0	0.00	4.32	0
CO27339	CO27322	17.43	1 1-	4ACSR	0	0	381	142	4	0	0	0.00	4.27	0
CO30395	CO30394	17.41	0 1-	4ACSR	0	0	382	142	0	0	0	0.00	4.25	0
CO27355	CO27354	16.98	1 1-	4ACSR	0	0	397	144	0	0	0	0.00	4.22	0
CO27356	CO27355	17.13	1 1-	4ACSR	0	0	390	142	0	0	0	0.00	4.22	0
CO27357	CO27356	17.22	1 1-	4ACSR	0	0	385	142	0	0	0	0.00	4.22	0
CO27358	CO27357	17.31	1 1-	4ACSR	0	0	381	141	0	0	0	0.00	4.22	0
CO27146	CO27141	16.48	2 1-	4ACSR	0	0	416	146	5	0	1	0.00	4.18	0
CO27150	CO30519	16.41	2 1-	4ACSR	0	0	420	146	7	1	1	0.00	4.16	0
CO27151	CO27150	16.51	1 1-	4ACSR	0	0	415	146	0	0	0	0.00	4.16	0
CO27152	CO27151	16.58	0 1-	4ACSR	0	0	410	145	0	0	0	0.00	4.16	0
CO27081	CO26994	15.70	3 1-	4ACSR	0	0	462	153	5	0	0	0.00	3.81	0
CO27082	CO27081	15.73	2 1-	4ACSR	0	0	461	152	5	0	0	0.00	3.81	0
CO27083	CO27082	15.92	1 1-	4ACSR	0	0	449	151	0	0	0	0.00	3.81	0
CO26992+	CO26991	15.51	117 3-	1/0ACSR	662	627	496	235	538	12	5	0.02	2.86	20
CO27078+	CO26992	15.66	0 1-	4ACSR	0	0	489	234	0	0	0	0.00	2.86	0
CO27079+	CO27078	15.80	0 1-	4ACSR	0	0	484	232	0	0	0	0.00	2.86	0
CO27098+	CO26992	15.58	117 3-	1/0ACSR	660	625	494	235	538	12	5	0.01	2.86	6
CO27099+	CO27098	15.80	116 3-	1/0ACSR	652	618	488	234	529	12	5	0.02	2.89	18
CO27100+	CO27099	15.93	116 3-	1/0ACSR	647	613	484	233	529	12	5	0.01	2.90	11
CO27101+	CO27100	15.95	115 3-	1/0ACSR	646	613	484	233	522	12	5	0.00	2.90	0
CO26996+	CO27101	16.06	113 3-	1/0ACSR	642	609	481	232	516	11	5	0.01	2.91	9
CO27014+	CO26996	16.11	1 1-	4ACSR	0	0	479	232	11	0	1	0.00	2.91	0
CO27102+	CO26996	16.11	111 3-	1/0ACSR	641	607	479	232	493	11	5	0.00	2.92	4
CO27103+	CO27102	16.15	110 3-	1/0ACSR	639	606	478	232	491	11	5	0.00	2.92	3
CO27104+	CO27103	16.25	109 3-	1/0ACSR	636	603	475	231	483	11	5	0.01	2.93	7
CO27105+	CO27104	16.28	109 3-	1/0ACSR	635	602	475	231	483	11	5	0.00	2.94	0
CO27136+	CO27105	16.29	108 1-	4ACSR	0	0	474	231	314	21	15	0.00	2.94	0
OC829+	CO27136	16.29	108 1-	50 E OCR	0	0	474	231	314	21	43	0.00	2.94	0
CO27137+	OC829	16.38	108 1-	4ACSR	0	0	471	230	314	21	15	0.04	2.98	22
CO26997+	CO27137	16.42	85 1-	4ACSR	0	0	469	230	237	16	12	0.02	3.00	7
CO27071+	CO26997	16.50	72 1-	4ACSR	0	0	466	229	201	13	10	0.02	3.02	8
CO27072+	CO27071	16.55	72 1-	4ACSR	0	0	464	228	201	13	10	0.02	3.04	6
CO27070+	CO27072	16.64	71 1-	4ACSR	0	0	460	227	201	13	10	0.03	3.07	9
CO27120+	CO27070	16.66	71 1-	4ACSR	0	0	460	227	200	13	10	0.01	3.07	0
CO27121+	CO27120	16.70	70 1-	4ACSR	0	0	458	227	197	13	10	0.01	3.09	4

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27108+	CO27121	16.75	70 1-	4ACSR	0	0	456	226	197	13	10	0.02	3.10	5
CO27109+	CO27108	16.80	69 1-	4ACSR	0	0	454	226	194	13	10	0.01	3.12	5
CO27068+	CO27109	16.88	6 1-	4ACSR	0	0	451	225	22	1	1	0.00	3.12	0
CO27069+	CO27068	16.90	3 1-	4ACSR	0	0	451	225	10	0	0	0.00	3.12	0
CO27118+	CO27069	16.93	3 1-	4ACSR	0	0	450	224	10	0	0	0.00	3.12	0
CO27119+	CO27118	16.96	1 1-	4ACSR	0	0	448	224	3	0	0	0.00	3.12	0
CO27110+	CO27109	16.88	61 1-	4ACSR	0	0	452	225	165	11	8	0.02	3.14	5
CO27111+	CO27110	16.93	60 1-	4ACSR	0	0	450	224	157	10	8	0.01	3.15	3
CO27138+	CO27111	16.94	59 1-	4ACSR	0	0	449	224	152	10	8	0.00	3.15	0
OC830+	CO27138	16.94	59 1-	50 E OCR	0	0	449	224	152	10	21	0.00	3.15	0
CO27139+	OC830	17.02	59 1-	4ACSR	0	0	446	223	152	10	8	0.02	3.17	5
CO27067+	CO27139	17.04	59 1-	4ACSR	0	0	446	223	152	10	8	0.00	3.18	0
CO30349+	CO27067	17.19	56 1-	4ACSR	0	0	440	222	130	8	6	0.03	3.21	7
CO25252+	CO30349	17.27	55 1-	4ACSR	0	0	437	221	129	8	6	0.02	3.22	3
XFMR82	CO25252	17.27	54 1-	167 KVA 1PH AUT	0	0	456	152	122	8	73	0.49	3.71	0
CO25251	XFMR82	17.32	54 1-	4ACSR	0	0	453	152	122	16	12	0.04	3.75	9
CO25383	CO25251	17.33	54 1-	4ACSR	0	0	452	152	122	16	12	0.01	3.76	0
OC765	CO25383	17.33	54 1-	20 N FUSE	0	0	452	152	122	16	85	0.00	3.76	0
CO25384	OC765	17.36	54 1-	4ACSR	0	0	450	151	122	16	12	0.03	3.78	5
CO25336	CO25384	17.42	54 1-	4ACSR	0	0	447	151	122	16	12	0.04	3.83	8
CO25335	CO25336	17.49	53 1-	4ACSR	0	0	442	150	122	16	12	0.06	3.88	12
CO25224	CO25335	17.55	51 1-	4ACSR	0	0	439	150	119	16	12	0.04	3.93	8
CO25236	CO25224	17.60	1 1-	4ACSR	0	0	436	149	5	0	0	0.00	3.93	0
CO25225	CO25224	17.70	50 1-	4ACSR	0	0	430	148	114	15	11	0.11	4.03	20
CO25254	CO25225	17.81	48 1-	4ACSR	0	0	424	147	111	15	11	0.08	4.11	14
CO25253	CO25254	17.87	47 1-	4ACSR	0	0	421	147	105	14	10	0.04	4.15	6
CO25255	CO25253	17.97	46 1-	4ACSR	0	0	415	146	102	14	10	0.06	4.21	11
CO25338	CO25255	18.02	1 1-	4ACSR	0	0	412	146	3	0	0	0.00	4.21	0
CO25337	CO25338	18.08	1 1-	4ACSR	0	0	409	145	3	0	0	0.00	4.21	0
CO25238	CO25255	18.06	2 1-	4ACSR	0	0	410	145	2	0	0	0.00	4.21	0
CO25258	CO25255	18.07	43 1-	4ACSR	0	0	410	145	97	13	10	0.06	4.27	10
CO25256	CO25258	18.10	39 1-	4ACSR	0	0	408	145	94	13	9	0.02	4.29	3
CO25257	CO25256	18.22	39 1-	4ACSR	0	0	402	144	94	13	9	0.07	4.36	11
CO25260	CO25257	18.27	38 1-	4ACSR	0	0	399	144	90	12	9	0.03	4.39	4
CO25259	CO25260	18.36	38 1-	4ACSR	0	0	394	143	90	12	9	0.05	4.44	8
CO25262	CO25259	18.40	38 1-	4ACSR	0	0	392	143	90	12	9	0.02	4.46	3
CO25261	CO25262	18.49	38 1-	4ACSR	0	0	388	142	90	12	9	0.05	4.52	8
CO30354	CO25261	18.67	35 1-	4ACSR	0	0	379	140	77	10	8	0.09	4.60	11
CO25406	CO30354	18.77	34 1-	4ACSR	0	0	374	140	77	10	8	0.05	4.65	6
CO25407	CO25406	18.81	33 1-	4ACSR	0	0	373	139	76	10	8	0.02	4.67	2
CO-679756971	CO25407	18.91	32 1-	2ACSR	0	0	369	139	76	10	6	0.03	4.71	4
CO-1553374567	CO-679756971	18.98	1 1-	2ACSR	0	0	366	138	0	0	0	0.00	4.71	0
CO930358855	CO-679756971	19.05	31 1-	2ACSR	0	0	364	138	76	10	6	0.05	4.75	5
CO25408	CO930358855	19.13	3 1-	4ACSR	0	0	360	137	10	1	1	0.00	4.76	0
CO25399	CO25408	19.17	1 1-	4ACSR	0	0	358	137	7	0	1	0.00	4.76	0
CO25409	CO25408	19.25	1 1-	4ACSR	0	0	355	137	1	0	0	0.00	4.76	0
CO25410	CO930358855	19.15	28 1-	4ACSR	0	0	359	137	66	9	7	0.04	4.79	4
CO25411	CO25410	19.26	27 1-	4ACSR	0	0	354	136	62	8	6	0.04	4.83	4
CO25412	CO25411	19.43	26 1-	4ACSR	0	0	347	135	58	8	6	0.06	4.90	6
CO25413	CO25412	19.47	24 1-	4ACSR	0	0	346	135	57	7	6	0.01	4.91	0
CO25391	CO25413	19.56	23 1-	4ACSR	0	0	342	134	56	7	6	0.03	4.94	3
CO25416	CO25391	19.64	20 1-	4ACSR	0	0	339	134	51	7	5	0.02	4.97	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25417	CO25416	19.71	18 1-	4ACSR	0	0	336	133	47	6	5	0.02	4.99	0
CO25418	CO25417	19.83	16 1-	4ACSR	0	0	331	132	39	5	4	0.03	5.02	0
CO25392	CO25418	19.90	15 1-	4ACSR	0	0	329	132	39	5	4	0.02	5.03	0
CO25393	CO25392	19.97	13 1-	4ACSR	0	0	326	131	32	4	3	0.01	5.05	0
CO25425	CO25393	20.08	1 1-	4ACSR	0	0	322	131	0	0	0	0.00	5.05	0
CO25426	CO25425	20.24	0 1-	4ACSR	0	0	316	130	0	0	0	0.00	5.05	0
CO25402	CO25425	20.22	1 1-	4ACSR	0	0	317	130	0	0	0	0.00	5.05	0
CO25419	CO25393	20.03	12 1-	4ACSR	0	0	324	131	32	4	3	0.01	5.06	0
CO-127304675	CO25419	20.23	12 1-	2ACSR	0	0	318	130	32	4	3	0.03	5.09	0
CO1281407286	CO-127304675	20.32	1 1-	2ACSR	0	0	316	130	0	0	0	0.00	5.09	0
CO-261609273	CO-127304675	20.36	11 1-	2ACSR	0	0	314	130	32	4	3	0.02	5.11	0
CO25421	CO-261609273	20.54	11 1-	4ACSR	0	0	308	128	32	4	3	0.04	5.14	0
CO25422	CO25421	20.66	7 1-	4ACSR	0	0	304	128	23	3	2	0.02	5.16	0
CO25423	CO25422	21.03	6 1-	4ACSR	0	0	292	125	21	2	2	0.05	5.21	0
CO25395	CO25423	21.31	5 1-	4ACSR	0	0	284	124	21	2	2	0.04	5.25	0
CO30435	CO25395	21.57	0 1-	4ACSR	0	0	277	122	0	0	0	0.00	5.25	0
CO25291	CO30435	21.89	0 1-	4ACSR	0	0	268	120	0	0	0	0.00	5.25	0
CO30350	CO25395	21.35	5 1-	4ACSR	0	0	283	123	21	2	2	0.01	5.25	0
CO25290	CO30350	21.38	4 1-	4ACSR	0	0	282	123	19	2	2	0.00	5.26	0
CO25245	CO25290	21.57	1 1-	4ACSR	0	0	277	122	1	0	0	0.00	5.26	0
CO25293	CO25290	21.62	3 1-	4ACSR	0	0	275	122	18	2	2	0.03	5.28	0
CO25292	CO25293	21.68	2 1-	4ACSR	0	0	273	121	16	2	2	0.01	5.29	0
CO25357	CO25292	21.79	1 1-	4ACSR	0	0	271	121	11	1	1	0.01	5.29	0
CO25356	CO25357	21.87	1 1-	4ACSR	0	0	268	120	11	1	1	0.00	5.30	0
CO25355	CO25292	21.74	0 1-	4ACSR	0	0	272	121	0	0	0	0.00	5.29	0
CO25354	CO25355	21.89	0 1-	4ACSR	0	0	268	120	0	0	0	0.00	5.29	0
CO25403	CO25423	21.20	1 1-	4ACSR	0	0	287	124	0	0	0	0.00	5.21	0
CO25396	CO25421	20.88	3 1-	4ACSR	0	0	297	126	9	1	1	0.02	5.16	0
CO25404	CO25396	20.98	0 1-	4ACSR	0	0	294	126	0	0	0	0.00	5.16	0
CO25424	CO25396	21.07	3 1-	4ACSR	0	0	291	125	9	1	1	0.01	5.17	0
CO-1877795446	CO25424	21.09	0 1-	2ACSR	0	0	291	125	0	0	0	0.00	5.17	0
CO1535933870	CO-1877795446	21.11	0 1-	2ACSR	0	0	290	125	0	0	0	0.00	5.17	0
CO25401	CO25392	19.96	2 1-	4ACSR	0	0	326	132	7	0	1	0.00	5.04	0
CO25400	CO25418	19.89	1 1-	4ACSR	0	0	329	132	0	0	0	0.00	5.02	0
CO25398	CO25391	19.64	3 1-	4ACSR	0	0	339	134	5	0	1	0.00	4.94	0
CO25414	CO25413	19.57	1 1-	4ACSR	0	0	341	134	1	0	0	0.00	4.91	0
CO25415	CO25414	19.58	1 1-	4ACSR	0	0	341	134	1	0	0	0.00	4.91	0
CO-1298225087	CO25407	18.86	1 1-	2ACSR	0	0	370	139	0	0	0	0.00	4.67	0
CO686984479	CO-1298225087	18.89	1 1-	2ACSR	0	0	370	139	0	0	0	0.00	4.67	0
CO-1718293908	CO686984479	18.96	1 1-	2ACSR	0	0	367	139	0	0	0	0.00	4.67	0
CO1285000461	CO-1718293908	19.04	1 1-	2ACSR	0	0	364	138	0	0	0	0.00	4.67	0
CO25340	CO25261	18.64	3 1-	4ACSR	0	0	380	141	13	1	1	0.01	4.53	0
CO25239	CO25340	18.70	1 1-	4ACSR	0	0	378	140	2	0	0	0.00	4.53	0
CO25339	CO25340	18.67	2 1-	4ACSR	0	0	379	140	11	1	1	0.00	4.53	0
CO30356	CO25339	18.69	2 1-	4ACSR	0	0	378	140	11	1	1	0.00	4.53	0
CO25405	CO30356	18.73	1 1-	4ACSR	0	0	376	140	9	1	1	0.00	4.53	0
CO25237	CO25225	17.76	2 1-	4ACSR	0	0	427	148	3	0	0	0.00	4.04	0
CO25235	CO25335	17.57	2 1-	4ACSR	0	0	438	149	3	0	0	0.00	3.88	0
CO27065+	CO27067	17.07	2 1-	4ACSR	0	0	444	223	21	1	1	0.00	3.18	0
CO27066+	CO27065	17.16	1 1-	4ACSR	0	0	441	222	9	0	0	0.00	3.18	0
CO27023+	CO27111	17.00	0 1-	4ACSR	0	0	447	224	0	0	0	0.00	3.15	0
CO27114+	CO26997	16.47	13 1-	4ACSR	0	0	467	229	35	2	2	0.00	3.00	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27115+	CO27114	16.54	12 1-	4ACSR	0	0	465	228	30	2	1	0.00	3.00	0
CO27073+	CO27115	16.64	12 1-	4ACSR	0	0	460	227	30	2	1	0.00	3.01	0
CO27124+	CO27073	16.69	4 1-	4ACSR	0	0	459	227	9	0	0	0.00	3.01	0
CO27125+	CO27124	16.73	3 1-	4ACSR	0	0	457	226	8	0	0	0.00	3.01	0
CO27077+	CO27125	16.83	2 1-	4ACSR	0	0	453	225	6	0	0	0.00	3.01	0
CO27075+	CO27073	16.68	4 1-	4ACSR	0	0	459	227	11	0	1	0.00	3.01	0
CO27076+	CO27075	16.69	4 1-	4ACSR	0	0	458	227	11	0	1	0.00	3.01	0
CO27074+	CO27076	16.73	1 1-	4ACSR	0	0	457	226	1	0	0	0.00	3.01	0
CO27106+	CO27137	16.46	23 1-	4ACSR	0	0	468	229	77	5	4	0.01	2.99	0
CO27107+	CO27106	16.47	22 1-	4ACSR	0	0	467	229	74	5	4	0.00	2.99	0
CO27021+	CO27107	16.48	0 1-	4ACSR	0	0	467	229	0	0	0	0.00	2.99	0
CO27020+	CO27107	16.48	0 1-	4ACSR	0	0	467	229	0	0	0	0.00	2.99	0
CO26998+	CO27107	16.53	22 1-	4ACSR	0	0	465	228	74	5	4	0.01	3.00	0
CO26999+	CO26998	16.62	17 1-	4ACSR	0	0	461	227	56	3	3	0.01	3.01	0
CO27122+	CO26999	16.66	14 1-	4ACSR	0	0	460	227	56	3	3	0.00	3.01	0
CO27123+	CO27122	16.74	12 1-	4ACSR	0	0	457	226	54	3	3	0.01	3.02	0
CO27016+	CO27123	16.83	0 1-	4ACSR	0	0	453	225	0	0	0	0.00	3.02	0
CO27000+	CO27123	16.83	11 1-	4ACSR	0	0	453	225	50	3	2	0.01	3.02	0
CO27001+	CO27000	17.08	10 1-	4ACSR	0	0	444	223	46	3	2	0.01	3.04	0
CO27061+	CO27001	17.27	8 1-	4ACSR	0	0	437	221	28	1	1	0.01	3.05	0
CO27062+	CO27061	17.43	8 1-	4ACSR	0	0	432	220	28	1	1	0.01	3.05	0
CO27002+	CO27062	17.56	5 1-	4ACSR	0	0	427	218	21	1	1	0.00	3.06	0
CO30392+	CO27002	17.75	3 1-	4ACSR	0	0	421	216	15	1	1	0.00	3.06	0
CO27169+	CO30392	17.83	3 1-	4ACSR	0	0	419	216	15	1	1	0.00	3.06	0
CO27149+	CO27169	17.89	1 1-	2ACSR	0	0	417	215	8	0	0	0.00	3.06	0
CO27170+	CO27169	17.88	2 1-	4ACSR	0	0	417	215	6	0	0	0.00	3.06	0
CO27148+	CO27170	18.06	2 1-	4ACSR	0	0	411	214	6	0	0	0.00	3.07	0
CO27059+	CO27002	17.63	1 1-	4ACSR	0	0	425	218	4	0	0	0.00	3.06	0
CO27060+	CO27059	17.71	1 1-	4ACSR	0	0	422	217	4	0	0	0.00	3.06	0
CO27022+	CO27062	17.48	2 1-	4ACSR	0	0	430	219	7	0	0	0.00	3.05	0
CO27112+	CO27062	17.71	1 1-	4ACSR	0	0	422	217	0	0	0	0.00	3.05	0
CO27113+	CO27112	17.86	0 1-	4ACSR	0	0	417	215	0	0	0	0.00	3.05	0
CO30389+	CO27113	18.01	0 1-	4ACSR	0	0	413	214	0	0	0	0.00	3.05	0
CO27171+	CO30389	18.04	0 1-	4ACSR	0	0	412	214	0	0	0	0.00	3.05	0
CO27015+	CO27001	17.17	1 1-	4ACSR	0	0	441	222	1	0	0	0.00	3.04	0
CO27063+	CO27000	16.89	1 1-	4ACSR	0	0	451	225	4	0	0	0.00	3.02	0
CO27064+	CO27063	16.93	1 1-	4ACSR	0	0	450	224	4	0	0	0.00	3.02	0
CO27018+	CO26999	16.68	1 1-	4ACSR	0	0	459	227	0	0	0	0.00	3.01	0
CO27017+	CO26999	16.68	1 1-	4ACSR	0	0	459	227	0	0	0	0.00	3.01	0
CO27019+	CO26998	16.58	1 1-	4ACSR	0	0	463	228	3	0	0	0.00	3.00	0
CO27010+	CO27101	16.02	2 1-	4ACSR	0	0	481	232	6	0	0	0.00	2.90	0
CO27011+	CO27117	15.26	1 1-	4ACSR	0	0	503	237	6	0	0	0.00	2.82	0
CO27034+	CO27129	14.02	1 1-	2ACSR	0	0	543	244	15	1	1	0.00	2.64	0
CO27096+	CO27129	14.02	2 1-	4ACSR	0	0	542	244	17	1	1	0.00	2.64	0
CO27097+	CO27096	14.13	1 1-	4ACSR	0	0	537	243	10	0	0	0.00	2.64	0
CO27094+	CO27093	13.75	1 1-	2ACSR	0	0	552	246	14	0	1	0.00	2.59	0
CO27195+	CO27184	13.51	0 1-	4ACSR	0	0	558	247	0	0	0	0.00	2.53	0
CO27196+	CO27183	13.34	1 1-	4ACSR	0	0	567	248	2	0	0	0.00	2.52	0
CO27255+	CO27254	13.02	2 1-	4ACSR	0	0	579	250	6	0	0	0.00	2.47	0
CO27256+	CO27255	13.05	2 1-	4ACSR	0	0	577	250	6	0	0	0.00	2.47	0
CO27257+	CO27256	13.16	0 1-	4ACSR	0	0	571	249	0	0	0	0.00	2.47	0
OC1288751909+	CO27257	13.16	0 1-	35 E OCR	0	0	571	249	0	0	0	0.00	2.47	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27311+	OC1288751909	13.16	0 1-	4ACSR	0	0	571	249	0	0	0	0.00	2.47	0
SW833-A+	CO27311	13.16	0 1-	Open	0	0	571	249	0	0	0	0.00	2.47	0
CO27193+	CO27182	12.77	0 1-	4ACSR	0	0	590	252	0	0	0	0.00	2.43	0
CO27192+	CO27252	12.79	2 1-	4ACSR	0	0	588	252	9	0	0	0.00	2.43	0
CO27247+	CO27246	12.37	1 1-	4ACSR	0	0	605	254	4	0	0	0.00	2.35	0
CO27248+	CO27247	12.43	1 1-	4ACSR	0	0	601	254	4	0	0	0.00	2.35	0
CO27249+	CO27248	12.47	1 1-	4ACSR	0	0	598	253	4	0	0	0.00	2.35	0
CO27235+	CO27189	11.08	2 1-	4ACSR	0	0	665	263	8	0	0	0.00	2.12	0
CO27234+	CO27235	11.10	1 1-	4ACSR	0	0	664	263	2	0	0	0.00	2.12	0
CO27205+	CO27189	11.01	0 1-	4ACSR	0	0	671	264	0	0	0	0.00	2.12	0
CO27531+	CO27528	10.41	1 1-	4ACSR	0	0	701	267	3	0	0	0.00	1.99	0
CO27532+	CO27531	10.47	1 1-	4ACSR	0	0	696	267	3	0	0	0.00	1.99	0
CO27530+	CO27532	10.57	1 1-	4ACSR	0	0	687	265	3	0	0	0.00	1.99	0
CO27526+	CO27525	10.33	0 1-	1/0ACSR	0	0	710	269	0	0	0	0.00	1.94	0
CO27527+	CO27526	10.50	0 1-	1/0ACSR	0	0	700	268	0	0	0	0.00	1.94	0
CO27522+	CO27470	9.82	2 1-	4ACSR	0	0	740	272	15	1	1	0.00	1.89	0
CO27519+	CO27464	9.72	1 1-	2ACSR	0	0	747	273	2	0	0	0.00	1.87	0
CO27520+	CO27519	9.74	1 1-	2ACSR	0	0	746	273	2	0	0	0.00	1.87	0
CO27521+	CO27520	9.78	1 1-	2ACSR	0	0	742	273	2	0	0	0.00	1.87	0
CO27487+	CO27518	9.66	1 1-	4ACSR	0	0	749	273	4	0	0	0.00	1.85	0
CO27488+	CO27463	9.44	2 1-	4ACSR	0	0	766	275	22	1	1	0.00	1.82	0
CO27489+	CO27462	9.55	1 1-	4ACSR	0	0	750	273	2	0	0	0.00	1.79	0
CO27515+	CO27514	9.15	3 1-	4ACSR	0	0	785	278	17	1	1	0.00	1.65	0
CO27516+	CO27515	9.19	2 1-	4ACSR	0	0	781	277	7	0	0	0.00	1.65	0
CO29706+	CO29733	7.63	1 1-	4ACSR	0	0	909	289	0	0	0	0.00	0.32	0
CO29707+	CO29706	7.72	0 1-	4ACSR	0	0	895	287	0	0	0	0.00	0.32	0
CO29734+	CO29662	7.15	27 1-	6ACWC	0	0	961	294	108	7	5	0.00	0.04	0
OC929+	CO29734	7.15	27 1-	70 E OCR	0	0	961	294	108	7	10	0.00	0.04	0
CO29735+	OC929	7.24	27 1-	6ACWC	0	0	947	292	108	7	5	0.01	0.06	3
CO29699+	CO29735	7.31	27 1-	6ACWC	0	0	937	291	108	7	5	0.01	0.07	0
CO29700+	CO29699	7.51	27 1-	6ACWC	0	0	909	288	108	7	5	0.03	0.10	5
CO29543+	CO29700	7.64	5 1-	6ACWC	0	0	890	286	18	1	1	0.00	0.10	0
CO29704+	CO29543	7.78	3 1-	6ACWC	0	0	871	284	16	1	1	0.00	0.11	0
CO29564+	CO29704	7.84	1 1-	6ACWC	0	0	864	283	12	0	1	0.00	0.11	0
CO29705+	CO29704	7.86	1 1-	6ACWC	0	0	860	282	4	0	0	0.00	0.11	0
CO29702+	CO29543	7.66	2 1-	6ACWC	0	0	887	286	2	0	0	0.00	0.10	0
CO29703+	CO29702	7.69	1 1-	6ACWC	0	0	883	285	1	0	0	0.00	0.10	0
CO29701+	CO29700	7.62	22 1-	6ACWC	0	0	893	286	90	6	4	0.01	0.11	0
CO30514+	CO29701	7.83	21 1-	6ACWC	0	0	865	283	83	5	4	0.03	0.14	3
CO29916+	CO30514	7.94	18 1-	6ACWC	0	0	851	281	73	4	4	0.01	0.15	0
CO29917+	CO29916	7.98	18 1-	6ACWC	0	0	846	281	73	4	4	0.00	0.16	0
CO29847+	CO29917	8.20	18 1-	6ACWC	0	0	818	277	73	4	4	0.03	0.18	3
CO29920+	CO29847	8.27	2 1-	6ACWC	0	0	810	276	9	0	0	0.00	0.18	0
CO29921+	CO29920	8.32	1 1-	6ACWC	0	0	804	276	9	0	0	0.00	0.18	0
CO29922+	CO29921	8.41	1 1-	6ACWC	0	0	794	274	9	0	0	0.00	0.18	0
CO29870+	CO29847	8.22	1 1-	6ACWC	0	0	815	277	2	0	0	0.00	0.18	0
CO29848+	CO29847	8.35	15 1-	6ACWC	0	0	800	275	62	4	3	0.01	0.20	0
CO29869+	CO29848	8.45	0 1-	6ACWC	0	0	789	274	0	0	0	0.00	0.20	0
CO29923+	CO29848	8.43	15 1-	6ACWC	0	0	791	274	62	4	3	0.01	0.20	0
CO29924+	CO29923	8.54	12 1-	6ACWC	0	0	780	273	55	3	3	0.01	0.21	0
CO29925+	CO29924	8.73	11 1-	6ACWC	0	0	759	270	53	3	3	0.02	0.23	0
CO29868+	CO29925	8.88	0 1-	6ACWC	0	0	743	268	0	0	0	0.00	0.23	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29849+	CO29925	9.32	7 1-	6ACWC	0	0	702	262	48	3	2	0.04	0.27	3
CO29931+	CO29849	9.54	6 1-	6ACWC	0	0	682	259	48	3	2	0.02	0.28	0
CO29932+	CO29931	9.60	5 1-	6ACWC	0	0	677	258	41	2	2	0.00	0.29	0
CO29895+	CO29932	9.72	1 1-	2ACSR	0	0	669	257	11	0	0	0.00	0.29	0
CO29871+	CO29932	9.68	1 1-	6ACWC	0	0	671	257	10	0	0	0.00	0.29	0
CO29933+	CO29932	9.66	3 1-	6ACWC	0	0	672	257	20	1	1	0.00	0.29	0
CO29935+	CO29933	9.72	2 1-	6ACWC	0	0	667	257	13	0	1	0.00	0.29	0
CO29936+	CO29935	9.78	2 1-	6ACWC	0	0	663	256	13	0	1	0.00	0.29	0
CO29937+	CO29936	9.85	1 1-	6ACWC	0	0	657	255	7	0	0	0.00	0.29	0
CO29934+	CO29933	9.70	1 1-	6ACWC	0	0	669	257	7	0	0	0.00	0.29	0
CO29929+	CO29849	9.41	1 1-	6ACWC	0	0	693	261	0	0	0	0.00	0.27	0
CO29930+	CO29929	9.50	1 1-	6ACWC	0	0	686	260	0	0	0	0.00	0.27	0
CO29866+	CO29849	9.55	0 1-	6ACWC	0	0	682	259	0	0	0	0.00	0.27	0
CO29926+	CO29925	8.80	3 1-	6ACWC	0	0	752	269	3	0	0	0.00	0.23	0
CO29927+	CO29926	8.96	2 1-	6ACWC	0	0	736	267	3	0	0	0.00	0.23	0
CO29928+	CO29927	9.02	1 1-	6ACWC	0	0	730	266	2	0	0	0.00	0.23	0
CO29918+	CO29917	8.13	0 1-	6ACWC	0	0	827	279	0	0	0	0.00	0.16	0
CO29919+	CO29918	8.18	0 1-	6ACWC	0	0	820	278	0	0	0	0.00	0.16	0
CO29867+	CO30514	7.97	3 1-	6ACWC	0	0	846	281	10	0	0	0.00	0.14	0
CO29663+	CO29662	7.23	75 2-	2ACSR	0	1145	951	293	238	8	4	0.01	0.05	3
CO29665+	CO29663	7.27	75 2-	2ACSR	0	1140	947	292	238	8	4	0.00	0.05	0
CO29603+	CO29665	7.35	1 1-	6ACWC	0	0	935	291	3	0	0	0.00	0.05	0
CO29664+	CO29665	7.38	74 2-	2ACSR	0	1125	933	291	235	7	4	0.01	0.07	5
CO29666+	CO29664	7.43	72 2-	2ACSR	0	1118	927	291	226	7	4	0.01	0.07	0
CO29667+	CO29666	7.50	71 2-	2ACSR	0	1109	919	290	223	7	4	0.01	0.08	2
CO29547+	CO29667	7.59	27 1-	2ACSR	0	0	908	289	61	4	2	0.01	0.09	0
AU99	CO29547	7.59	26 1-	167 KVA 1PH AUT	0	0	601	165	58	3	34	0.22	0.30	0
CO29728	AU99	7.59	26 1-	6ACWC	0	0	601	165	58	7	6	0.00	0.31	0
OC924	CO29728	7.59	26 1-	70 L OCR	0	0	601	165	58	7	11	0.00	0.31	0
CO29602	OC924	7.63	1 1-	2ACSR	0	0	598	165	7	0	0	0.00	0.31	0
CO29729	OC924	7.62	25 1-	2ACSR	0	0	599	165	52	6	4	0.01	0.31	0
CO29678	CO29729	7.77	24 1-	2ACSR	0	0	587	164	50	6	4	0.03	0.34	2
CO29566	CO29678	7.79	0 1-	6ACWC	0	0	585	164	0	0	0	0.00	0.34	0
CO29544	CO29678	8.27	24 1-	2ACSR	0	0	548	160	50	6	4	0.11	0.45	8
CO29567	CO29544	8.30	0 1-	6ACWC	0	0	546	160	0	0	0	0.00	0.45	0
CO994931246	CO29567	8.33	0 1-	2ACSR	0	0	544	160	0	0	0	0.00	0.45	0
CO29545	CO29544	8.42	23 1-	2ACSR	0	0	538	159	49	6	4	0.03	0.48	0
CO29680	CO29545	8.50	20 1-	6ACWC	0	0	532	158	44	5	4	0.02	0.50	0
CO29681	CO29680	8.56	20 1-	6ACWC	0	0	527	158	44	5	4	0.02	0.51	0
CO29573	CO29681	8.61	19 1-	4ACSR	0	0	523	157	41	5	4	0.01	0.53	0
CO29600	CO29573	8.62	18 1-	2ACSR	0	0	522	157	36	4	3	0.00	0.53	0
CO29572	CO29600	8.65	17 1-	4ACSR	0	0	520	157	36	4	3	0.01	0.53	0
CO29682	CO29572	8.71	17 1-	6ACWC	0	0	515	156	36	4	3	0.01	0.55	0
CO29684	CO29682	8.82	15 1-	2ACSR	0	0	508	156	32	4	2	0.02	0.56	0
CO29601	CO29684	8.90	2 1-	2ACSR	0	0	503	155	2	0	0	0.00	0.56	0
CO29686	CO29601	9.14	1 1-	6ACWC	0	0	485	153	1	0	0	0.00	0.56	0
CO29687	CO29686	9.23	1 1-	6ACWC	0	0	479	152	1	0	0	0.00	0.56	0
CO29685	CO29684	8.90	13 1-	6ACWC	0	0	502	155	31	4	3	0.01	0.58	0
CO29688	CO29685	9.12	12 1-	6ACWC	0	0	486	153	27	3	3	0.04	0.61	0
CO29689	CO29688	9.27	12 1-	6ACWC	0	0	475	152	27	3	3	0.02	0.64	0
CO29366	CO29689	9.37	1 1-	6ACWC	0	0	469	151	0	0	0	0.00	0.64	0
CO30508	CO29689	9.53	10 1-	6ACWC	0	0	458	149	25	3	2	0.04	0.67	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29367	CO30508	9.68	8 1-	6ACWC	0	0	448	148	23	3	2	0.02	0.69	0
CO29313	CO29367	9.76	8 1-	6ACWC	0	0	443	147	23	3	2	0.01	0.71	0
CO29387	CO29313	9.83	8 1-	6ACWC	0	0	439	147	23	3	2	0.01	0.71	0
CO29388	CO29387	9.92	8 1-	6ACWC	0	0	433	146	23	3	2	0.01	0.73	0
CO29390	CO29388	9.98	8 1-	6ACWC	0	0	429	146	23	3	2	0.01	0.73	0
CO29389	CO29390	10.11	7 1-	6ACWC	0	0	422	144	20	2	2	0.02	0.75	0
CO29391	CO29389	10.18	7 1-	6ACWC	0	0	418	144	20	2	2	0.01	0.76	0
CO29392	CO29391	10.23	7 1-	6ACWC	0	0	415	143	20	2	2	0.01	0.77	0
CO29327	CO29392	10.33	2 1-	6ACWC	0	0	409	143	2	0	0	0.00	0.77	0
CO29393	CO29392	10.29	5 1-	6ACWC	0	0	412	143	18	2	2	0.01	0.77	0
CO29394	CO29393	10.50	4 1-	6ACWC	0	0	400	141	15	2	1	0.02	0.79	0
CO29312	CO29394	10.62	4 1-	6ACWC	0	0	393	140	15	2	1	0.01	0.80	0
CO29314	CO29312	10.66	3 1-	6ACWC	0	0	391	140	12	1	1	0.00	0.81	0
CO29326	CO29314	10.80	2 1-	6ACWC	0	0	384	139	0	0	0	0.00	0.81	0
CO360074577	CO29326	10.86	1 1-	2ACSR	0	0	382	139	0	0	0	0.00	0.81	0
CO162481232	CO360074577	10.93	1 1-	2ACSR	0	0	379	138	0	0	0	0.00	0.81	0
CO29404	CO29314	10.76	1 1-	6ACWC	0	0	387	139	12	1	1	0.01	0.81	0
CO29405	CO29404	10.80	1 1-	6ACWC	0	0	385	139	12	1	1	0.00	0.81	0
CO29330	CO29312	10.70	1 1-	6ACWC	0	0	389	140	3	0	0	0.00	0.80	0
CO29325	CO29394	10.56	0 1-	6ACWC	0	0	397	141	0	0	0	0.00	0.79	0
CO29328	CO29393	10.34	1 1-	6ACWC	0	0	409	143	3	0	0	0.00	0.77	0
CO29683	CO29682	8.75	2 1-	6ACWC	0	0	512	156	4	0	0	0.00	0.55	0
CO29679	CO29545	8.49	1 1-	6ACWC	0	0	532	158	0	0	0	0.00	0.48	0
CO29574	CO29679	8.62	1 1-	4ACSR	0	0	522	157	0	0	0	0.00	0.48	0
CO29724	CO29544	8.33	1 1-	6ACWC	0	0	544	160	1	0	0	0.00	0.45	0
OC922	CO29724	8.33	1 1-	35 H OCR	0	0	544	160	1	0	0	0.00	0.45	0
CO29725	OC922	8.49	1 1-	6ACWC	0	0	531	158	1	0	0	0.00	0.45	0
CO29690	CO29725	8.58	1 1-	6ACWC	0	0	524	157	1	0	0	0.00	0.45	0
CO29668+	CO29667	7.63	44 1-	2ACSR	0	0	903	288	162	10	6	0.02	0.10	6
OC42462805+	CO29668	7.63	42 1-	70 E OCR	0	0	903	288	156	10	15	0.00	0.10	0
CO29669+	OC42462805	7.77	42 1-	2ACSR	0	0	887	287	156	10	6	0.02	0.13	5
CO29670+	CO29669	8.06	41 1-	2ACSR	0	0	857	283	151	10	6	0.05	0.17	10
CO29671+	CO29670	8.10	40 1-	2ACSR	0	0	853	283	147	9	6	0.01	0.18	0
CO29672+	CO29671	8.18	40 1-	2ACSR	0	0	844	282	147	9	6	0.01	0.19	3
CO29673+	CO29672	8.29	40 1-	2ACSR	0	0	834	281	147	9	6	0.02	0.21	4
CO29675+	CO29673	8.34	39 1-	2ACSR	0	0	829	280	139	9	5	0.01	0.21	0
CO29676+	CO29675	8.40	39 1-	2ACSR	0	0	823	280	139	9	5	0.01	0.22	0
CO-1146776569+	CO29676	8.58	38 1-	2ACSR	0	0	806	278	138	9	5	0.03	0.25	6
CO-78541774+	CO-1146776569	8.65	38 1-	2ACSR	0	0	799	277	138	9	5	0.01	0.26	2
CO-1730000087+	CO-78541774	8.77	38 1-	2ACSR	0	0	789	276	138	9	5	0.02	0.28	4
CO1098915347+	CO-1730000087	8.87	38 1-	2ACSR	0	0	780	275	138	9	5	0.01	0.29	3
CO1208611609+	CO1098915347	8.95	38 1-	2ACSR	0	0	773	274	138	9	5	0.01	0.30	2
CO29698+	CO1208611609	9.15	1 1-	2ACSR	0	0	756	272	2	0	0	0.00	0.30	0
CO29697+	CO1208611609	9.01	37 1-	2ACSR	0	0	768	273	137	9	5	0.01	0.31	0
CO29696+	CO29697	9.08	37 1-	2ACSR	0	0	762	273	137	9	5	0.01	0.32	0
CO29695+	CO29696	9.15	37 1-	2ACSR	0	0	757	272	137	9	5	0.01	0.33	0
CO29694+	CO29695	9.23	37 1-	2ACSR	0	0	750	271	137	9	5	0.01	0.34	2
CO29549+	CO29694	9.34	3 1-	6ACWC	0	0	739	270	6	0	0	0.00	0.34	0
CO30507+	CO29549	9.52	2 1-	6ACWC	0	0	722	267	6	0	0	0.00	0.35	0
CO29385+	CO30507	9.60	1 1-	6ACWC	0	0	715	266	4	0	0	0.00	0.35	0
CO29386+	CO29385	9.69	1 1-	6ACWC	0	0	706	265	4	0	0	0.00	0.35	0
CO29548+	CO29549	9.59	1 1-	6ACWC	0	0	716	266	0	0	0	0.00	0.34	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29569+	CO29548	9.84	1 1-	6ACWC	0	0	693	263	0	0	0	0.00	0.34	0
CO29692+	CO29694	9.27	0 1-	6ACWC	0	0	746	271	0	0	0	0.00	0.34	0
CO30398+	CO29694	9.37	34 1-	6ACWC	0	0	736	269	131	8	6	0.03	0.37	6
CO-1031816591+	CO30398	9.61	34 1-	2ACSR	0	0	718	267	131	8	5	0.03	0.40	7
CO-100720700+	CO-1031816591	9.94	34 1-	2ACSR	0	0	694	264	131	8	5	0.05	0.45	9
CO-449593381+	CO-100720700	10.08	34 1-	2ACSR	0	0	685	262	131	8	5	0.02	0.47	4
CO-1302566506+	CO-449593381	10.19	34 1-	2ACSR	0	0	677	261	131	8	5	0.02	0.49	3
CO1699863868+	CO-1302566506	10.20	0 1-	2ACSR	0	0	677	261	0	0	0	0.00	0.49	0
CO30386+	CO-1302566506	10.24	1 1-	4ACSR	0	0	673	261	1	0	0	0.00	0.49	0
CO526154038+	CO-1302566506	10.35	32 1-	2ACSR	0	0	667	260	128	8	5	0.02	0.51	4
CO795186445+	CO526154038	10.39	4 1-	2ACSR	0	0	665	259	10	0	0	0.00	0.51	0
CO27224+	CO795186445	10.49	3 1-	4ACSR	0	0	656	258	7	0	0	0.00	0.51	0
CO-1535687699+	CO27224	10.59	0 1-	2ACSR	0	0	650	257	0	0	0	0.00	0.51	0
CO27225+	CO27224	10.60	2 1-	4ACSR	0	0	648	257	7	0	0	0.00	0.51	0
CO-380776237+	CO526154038	10.40	27 1-	2ACSR	0	0	664	259	116	7	4	0.01	0.51	0
CO27227+	CO-380776237	10.56	27 1-	6ACWC	0	0	652	257	116	7	6	0.03	0.54	5
CO27191+	CO27227	10.62	24 1-	6ACWC	0	0	647	256	106	7	5	0.01	0.55	0
CO30445+	CO27191	10.67	23 1-	2ACSR	0	0	644	256	106	7	4	0.00	0.56	0
CO1349561631+	CO30445	10.76	21 1-	2ACSR	0	0	638	255	98	6	4	0.01	0.57	0
CO27003+	CO1349561631	10.88	20 1-	6ACWC	0	0	630	254	91	6	4	0.02	0.58	2
CO-1455289611+	CO27003	10.91	19 1-	2ACSR	0	0	628	253	90	6	3	0.00	0.58	0
CO27008+	CO-1455289611	11.00	19 1-	6ACWC	0	0	621	252	90	6	4	0.01	0.60	0
CO27007+	CO27008	11.15	19 1-	6ACWC	0	0	611	250	90	6	4	0.02	0.62	3
CO27009+	CO27007	11.23	19 1-	6ACWC	0	0	606	250	90	6	4	0.01	0.63	0
CO331560450+	CO27009	11.32	15 1-	2ACSR	0	0	601	249	74	5	3	0.01	0.64	0
CO1017776419+	CO331560450	11.38	14 1-	2ACSR	0	0	598	248	70	4	3	0.00	0.64	0
CO27130+	CO1017776419	11.44	14 1-	6ACWC	0	0	594	248	70	4	3	0.01	0.65	0
CO97364582+	CO27130	11.47	0 1-	2ACSR	0	0	593	247	0	0	0	0.00	0.65	0
CO540781478+	CO27130	11.52	14 1-	2ACSR	0	0	590	247	70	4	3	0.01	0.65	0
CO-244926303+	CO540781478	11.62	14 1-	6ACWC	0	0	583	246	70	4	3	0.01	0.66	0
CO27126+	CO-244926303	11.67	13 1-	6ACWC	0	0	580	245	46	3	2	0.00	0.67	0
CO27127+	CO27126	11.77	12 1-	6ACWC	0	0	574	244	37	2	2	0.01	0.67	0
CO27053+	CO27127	11.83	12 1-	4ACSR	0	0	570	243	37	2	2	0.00	0.67	0
CO27055+	CO27053	11.98	1 1-	4ACSR	0	0	561	241	8	0	0	0.00	0.67	0
CO27006+	CO27053	11.88	9 1-	6ACWC	0	0	567	243	20	1	1	0.00	0.68	0
CO27032+	CO27006	11.95	7 1-	4ACSR	0	0	563	242	12	0	1	0.00	0.68	0
CO27005+	CO27032	12.06	6 1-	6ACWC	0	0	557	241	7	0	0	0.00	0.68	0
CO27052+	CO27005	12.10	1 1-	4ACSR	0	0	555	240	1	0	0	0.00	0.68	0
CO27051+	CO27005	12.16	4 1-	4ACSR	0	0	551	240	5	0	0	0.00	0.68	0
CO27027+	CO27051	12.23	1 1-	4ACSR	0	0	547	239	5	0	0	0.00	0.68	0
CO27049+	CO27051	12.52	2 1-	4ACSR	0	0	532	236	0	0	0	0.00	0.68	0
OC518072392+	CO27049	12.52	1 1-	20 N FUSE	0	0	532	236	0	0	0	0.00	0.68	0
CO27050+	OC518072392	12.63	1 1-	4ACSR	0	0	525	234	0	0	0	0.00	0.68	0
CO27054+	CO27006	11.91	2 1-	4ACSR	0	0	566	242	8	0	0	0.00	0.68	0
CO27033+	CO-244926303	11.68	1 1-	4ACSR	0	0	580	245	24	1	1	0.00	0.66	0
CO-1834350890+	CO1017776419	11.42	0 1-	2ACSR	0	0	596	248	0	0	0	0.00	0.64	0
CO27028+	CO331560450	11.40	1 1-	4ACSR	0	0	595	248	4	0	0	0.00	0.64	0
CO-1277141141+	CO27028	11.45	1 1-	2ACSR	0	0	593	247	4	0	0	0.00	0.64	0
CO27057+	CO27009	11.47	2 1-	6ACWC	0	0	590	247	13	0	1	0.00	0.63	0
OC1449587904+	CO27057	11.47	1 1-	20 N FUSE	0	0	590	247	4	0	1	0.00	0.63	0
CO27058+	OC1449587904	11.61	1 1-	6ACWC	0	0	581	245	4	0	0	0.00	0.63	0
CO27056+	CO27058	11.74	1 1-	6ACWC	0	0	573	243	4	0	0	0.00	0.63	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO27026+	CO27056	11.79	1 1-	4ACSR	0	0	570	243	4	0	0	0.00	0.63	0
CO27025+	CO27056	11.86	0 1-	4ACSR	0	0	566	242	0	0	0	0.00	0.63	0
CO27040+	CO27009	11.26	2 1-	6ACWC	0	0	604	249	3	0	0	0.00	0.63	0
OC-2146363003+	CO27040	11.26	1 1-	20 N FUSE	0	0	604	249	3	0	1	0.00	0.63	0
CO27041+	OC-2146363003	11.31	1 1-	6ACWC	0	0	600	249	3	0	0	0.00	0.63	0
CO27042+	CO27041	11.43	1 1-	6ACWC	0	0	592	247	3	0	0	0.00	0.63	0
CO27043+	CO27042	11.52	1 1-	6ACWC	0	0	587	246	3	0	0	0.00	0.63	0
CO27044+	CO27043	11.66	1 1-	6ACWC	0	0	578	244	3	0	0	0.00	0.63	0
CO27047+	CO27044	11.88	1 1-	6ACWC	0	0	564	242	3	0	0	0.00	0.63	0
CO27048+	CO27047	11.93	1 1-	6ACWC	0	0	562	241	3	0	0	0.00	0.63	0
CO27046+	CO27048	11.99	1 1-	6ACWC	0	0	558	241	3	0	0	0.00	0.63	0
CO27045+	CO27046	12.18	1 1-	6ACWC	0	0	547	239	3	0	0	0.00	0.63	0
CO937589493+	CO-1455289611	10.95	0 1-	2ACSR	0	0	625	253	0	0	0	0.00	0.58	0
CO27031+	CO1349561631	10.80	1 1-	4ACSR	0	0	635	255	8	0	0	0.00	0.57	0
CO918553331+	CO30445	10.71	1 1-	2ACSR	0	0	641	256	0	0	0	0.00	0.56	0
CO27206+	CO27191	10.67	1 1-	4ACSR	0	0	643	256	0	0	0	0.00	0.55	0
CO27228+	CO27227	10.67	2 1-	4ACSR	0	0	643	256	8	0	0	0.00	0.54	0
CO27229+	CO27228	10.75	2 1-	4ACSR	0	0	637	255	8	0	0	0.00	0.54	0
CO29677+	CO29676	8.47	1 1-	2ACSR	0	0	816	279	0	0	0	0.00	0.22	0
CO29674+	CO29673	8.38	1 1-	6ACWC	0	0	823	280	9	0	0	0.00	0.21	0
CO781000358+	CO29674	8.42	0 1-	2ACSR	0	0	819	279	0	0	0	0.00	0.21	0
CO29565+	CO29664	7.42	1 1-	6ACWC	0	0	928	291	5	0	0	0.00	0.07	0
CO29716+	CO29654	5.91	2 1-	4ACSR	0	0	1106	304	0	0	0	0.00	5.98	0
OC919+	CO29716	5.91	2 1-	10 N FUSE	0	0	1106	304	0	0	0	0.00	5.98	0
CO29717+	OC919	5.99	2 1-	4ACSR	0	0	1090	303	0	0	0	0.00	5.98	0
CO29655+	CO29717	6.07	2 1-	4ACSR	0	0	1073	301	0	0	0	0.00	5.98	0
CO29563+	CO29655	6.17	0 1-	4ACSR	0	0	1055	300	0	0	0	0.00	5.98	0
CO29656+	CO29655	6.36	2 1-	4ACSR	0	0	1020	296	0	0	0	0.00	5.98	0
CO29657+	CO29656	6.43	1 1-	4ACSR	0	0	1006	295	0	0	0	0.00	5.98	0
CO29658+	CO29657	6.57	1 1-	4ACSR	0	0	983	293	0	0	0	0.00	5.98	0
CO29659+	CO29658	6.69	1 1-	4ACSR	0	0	963	291	0	0	0	0.00	5.98	0
CO29590+	CO29651	5.31	1 1-	4ACSR	0	0	1185	309	10	0	1	0.00	5.34	0
CO29591+	CO29560	4.95	2 1-	4ACSR	0	0	1246	312	3	0	0	0.00	4.99	0
CO29589+	CO29560	5.01	3 1-	4ACSR	0	0	1232	311	24	1	1	0.00	4.99	0
CO29587+	CO30577	4.50	1 1-	4ACSR	0	0	1337	316	8	0	0	0.00	4.56	0
CO29584+	CO29636	4.10	1 1-	4ACSR	0	0	1415	319	11	0	1	0.00	4.05	0
CO29630+	CO29556	3.63	3 1-	4ACSR	0	0	1539	325	12	0	1	0.00	3.61	0
CO29631+	CO29630	3.68	2 1-	4ACSR	0	0	1519	324	9	0	0	0.00	3.61	0
CO29632+	CO29631	3.74	2 1-	4ACSR	0	0	1498	322	9	0	0	0.00	3.61	0
CO29633+	CO29632	3.77	1 1-	4ACSR	0	0	1488	322	0	0	0	0.00	3.61	0
CO29634+	CO29633	3.83	1 1-	4ACSR	0	0	1468	321	0	0	0	0.00	3.61	0
CO29583+	CO29554	3.44	2 1-	4ACSR	0	0	1584	326	8	0	0	0.00	3.34	0
CO29582+	CO29554	3.44	2 1-	4ACSR	0	0	1584	326	13	0	1	0.00	3.34	0
XFMR74	CO29551	3.15	87 3-	333 KVA 1PH AUT	1048	1037	1002	174	369	8	37	0.29	3.42	0
CO29609	XFMR74	3.28	87 3-	1/0ACSR	1030	1016	977	173	369	17	7	0.04	3.46	21
CO29610	CO29609	3.45	86 3-	1/0ACSR	1006	990	945	172	364	16	7	0.05	3.51	27
CO29730	CO29610	3.46	84 3-	1/0ACSR	1005	989	944	172	351	16	7	0.00	3.51	0
OC927	CO29730	3.46	84 3-	70 L OCR	1005	989	944	172	351	16	23	0.00	3.51	0
CO29731	OC927	3.58	84 3-	1/0ACSR	990	971	923	172	351	16	7	0.03	3.55	18
CO30510	CO29731	3.71	1 1-	4ACSR	0	0	895	170	9	1	1	0.00	3.55	0
CO29526	CO30510	3.79	0 1-	4ACSR	0	0	877	169	0	0	0	0.00	3.55	0
CO29550	CO29731	3.71	83 3-	1/0ACSR	972	952	900	171	342	15	7	0.04	3.58	19

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29611	CO29550	3.77	82 3-	1/0ACSR	964	943	890	171	333	15	7	0.02	3.60	9
CO29612	CO29611	3.93	81 3-	1/0ACSR	945	921	865	170	326	15	7	0.04	3.64	21
CO29726	CO29612	3.94	50 1-	4ACSR	0	0	863	170	190	26	19	0.01	3.65	2
OC923	CO29726	3.94	50 1-	25 L OCR	0	0	863	170	190	26	106	0.00	3.65	0
CO29727	OC923	3.98	50 1-	4ACSR	0	0	856	169	190	26	19	0.05	3.70	14
CO30509	CO29727	4.21	49 1-	4ACSR	0	0	812	167	182	25	18	0.26	3.96	78
CO30505	CO30509	4.25	36 1-	4ACSR	0	0	805	167	154	21	15	0.04	3.99	9
CO29281	CO30505	4.29	35 1-	4ACSR	0	0	797	166	151	21	15	0.04	4.03	10
CO29183	CO29281	4.38	29 1-	4ACSR	0	0	780	165	114	15	11	0.07	4.10	13
CO29193	CO29183	4.46	2 1-	4ACSR	0	0	766	164	10	1	1	0.00	4.10	0
CO29282	CO29183	4.46	27 1-	4ACSR	0	0	766	164	104	14	10	0.05	4.15	9
CO29283	CO29282	4.48	26 1-	4ACSR	0	0	763	164	104	14	10	0.01	4.16	0
CO-1053118421	CO29283	4.54	21 1-	2ACSR	0	0	754	164	78	10	6	0.02	4.19	3
CO213566565	CO-1053118421	4.59	1 1-	2ACSR	0	0	747	163	0	0	0	0.00	4.19	0
CO-818858754	CO-1053118421	4.61	20 1-	2ACSR	0	0	744	163	78	10	6	0.02	4.21	3
CO29285	CO-818858754	4.76	20 1-	4ACSR	0	0	719	162	78	10	8	0.07	4.28	10
CO29289	CO29285	4.84	18 1-	4ACSR	0	0	707	161	65	9	7	0.03	4.31	3
CO29290	CO29289	4.89	17 1-	4ACSR	0	0	699	160	56	7	6	0.02	4.33	0
CO29291	CO29290	5.59	16 1-	4ACSR	0	0	602	154	55	7	5	0.23	4.56	20
CO30473	CO29291	5.85	15 1-	4ACSR	0	0	571	152	48	6	5	0.08	4.64	6
CO29525	CO30473	5.98	15 1-	4ACSR	0	0	557	150	48	6	5	0.04	4.67	3
CO29430	CO29525	6.06	1 1-	4ACSR	0	0	549	150	5	0	1	0.00	4.68	0
CO29523	CO29430	6.17	0 1-	4ACSR	0	0	538	149	0	0	0	0.00	4.68	0
CO29524	CO29523	6.56	0 1-	4ACSR	0	0	500	146	0	0	0	0.00	4.68	0
CO29447	CO29430	6.10	1 1-	4ACSR	0	0	545	149	5	0	1	0.00	4.68	0
CO29441	CO29525	6.11	1 1-	4ACSR	0	0	543	149	5	0	1	0.00	4.68	0
CO29521	CO29525	6.09	12 1-	4ACSR	0	0	545	149	34	4	3	0.02	4.70	0
CO29522	CO29521	6.21	11 1-	4ACSR	0	0	533	148	34	4	3	0.02	4.72	0
CO29520	CO29522	6.34	11 1-	4ACSR	0	0	520	147	34	4	3	0.03	4.75	0
CO29516	CO29520	6.38	8 1-	4ACSR	0	0	517	147	26	3	3	0.01	4.76	0
CO29517	CO29516	6.66	7 1-	4ACSR	0	0	491	145	26	3	3	0.05	4.80	0
CO29429	CO29517	6.93	4 1-	4ACSR	0	0	469	143	15	2	2	0.03	4.83	0
CO29428	CO29429	7.00	1 1-	4ACSR	0	0	463	142	3	0	0	0.00	4.83	0
CO29540	CO29428	7.18	0 1-	4ACSR	0	0	449	141	0	0	0	0.00	4.83	0
SW918-B	CO29540	7.18	0 1-	Open	0	0	449	141	0	0	0	0.00	4.83	0
CO29443	CO29428	7.06	1 1-	4ACSR	0	0	458	142	3	0	0	0.00	4.83	0
CO29512	CO29429	6.99	3 1-	4ACSR	0	0	464	142	12	1	1	0.00	4.83	0
CO29513	CO29512	7.10	2 1-	4ACSR	0	0	456	141	7	0	1	0.00	4.84	0
CO29514	CO29513	7.17	2 1-	4ACSR	0	0	450	141	7	0	1	0.00	4.84	0
CO29444	CO29514	7.20	1 1-	4ACSR	0	0	448	141	4	0	0	0.00	4.84	0
CO29515	CO29514	7.21	1 1-	4ACSR	0	0	447	140	3	0	0	0.00	4.84	0
CO29446	CO29517	6.83	2 1-	4ACSR	0	0	477	143	6	0	1	0.00	4.81	0
CO29445	CO29517	6.77	1 1-	4ACSR	0	0	482	144	4	0	0	0.00	4.81	0
CO29459	CO29520	6.40	2 1-	2ACSR	0	0	516	147	6	0	0	0.00	4.75	0
CO29518	CO29520	6.61	1 1-	4ACSR	0	0	496	145	2	0	0	0.00	4.75	0
CO29519	CO29518	6.76	0 1-	4ACSR	0	0	483	144	0	0	0	0.00	4.75	0
CO29292	CO29291	5.66	0 1-	4ACSR	0	0	593	153	0	0	0	0.00	4.56	0
CO29293	CO29292	5.73	0 1-	4ACSR	0	0	585	153	0	0	0	0.00	4.56	0
CO29287	CO29285	4.82	2 1-	4ACSR	0	0	710	161	12	1	1	0.00	4.29	0
CO29288	CO29287	4.87	1 1-	4ACSR	0	0	702	161	2	0	0	0.00	4.29	0
CO29286	CO29288	5.01	1 1-	4ACSR	0	0	680	159	2	0	0	0.00	4.29	0
CO30481	CO29283	4.67	3 1-	4ACSR	0	0	731	162	3	0	0	0.00	4.17	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29527	CO30481	4.70	1 1-	4ACSR	0	0	725	162	0	0	0	0.00	4.17	0
CO29528	CO29527	4.78	1 1-	4ACSR	0	0	713	161	0	0	0	0.00	4.17	0
CO29192	CO29283	4.58	1 1-	4ACSR	0	0	745	163	9	1	1	0.00	4.17	0
CO29202	CO29281	4.32	2 1-	2ACSR	0	0	792	166	10	1	1	0.00	4.03	0
CO29277	CO29281	4.37	4 1-	4ACSR	0	0	782	165	27	3	3	0.01	4.05	0
CO29278	CO29277	4.46	3 1-	4ACSR	0	0	766	164	22	3	2	0.01	4.06	0
CO29279	CO29278	4.49	2 1-	4ACSR	0	0	762	164	19	2	2	0.00	4.06	0
CO29280	CO29279	4.54	1 1-	4ACSR	0	0	752	164	14	1	1	0.00	4.06	0
CO30474	CO30509	4.30	13 1-	4ACSR	0	0	794	166	28	3	3	0.01	3.97	0
CO29345	CO30474	4.32	12 1-	4ACSR	0	0	792	166	20	2	2	0.00	3.97	0
CO30483	CO29345	4.46	11 1-	4ACSR	0	0	766	164	18	2	2	0.02	3.99	0
CO30482	CO30483	4.80	9 1-	4ACSR	0	0	709	161	13	1	1	0.03	4.02	0
CO29395	CO30482	5.07	9 1-	4ACSR	0	0	669	158	13	1	1	0.02	4.04	0
CO29421	CO29395	5.07	8 1-	4ACSR	0	0	668	158	13	1	1	0.00	4.04	0
OC912	CO29421	5.07	8 1-	10 H OCR	0	0	668	158	13	1	18	0.00	4.04	0
CO29422	OC912	5.14	8 1-	4ACSR	0	0	658	158	13	1	1	0.01	4.05	0
CO29396	CO29422	5.39	8 1-	4ACSR	0	0	625	155	13	1	1	0.02	4.07	0
CO29346	CO29396	5.43	8 1-	4ACSR	0	0	619	155	13	1	1	0.00	4.07	0
CO29320	CO29346	5.81	5 1-	4ACSR	0	0	573	152	12	1	1	0.03	4.10	0
CO29321	CO29320	6.17	3 1-	4ACSR	0	0	535	148	8	1	1	0.02	4.12	0
CO29347	CO29321	6.25	3 1-	4ACSR	0	0	527	148	8	1	1	0.00	4.12	0
CO29400	CO29347	6.57	2 1-	4ACSR	0	0	497	145	8	1	1	0.02	4.14	0
CO29401	CO29400	6.87	2 1-	4ACSR	0	0	471	143	8	1	1	0.02	4.16	0
CO29204	CO29401	6.89	2 1-	6ACWC	0	0	469	143	8	1	1	0.00	4.16	0
CO1671832764	CO29204	6.92	1 1-	2ACSR	0	0	468	142	7	1	1	0.00	4.16	0
CO29322	CO29321	6.55	0 1-	4ACSR	0	0	499	145	0	0	0	0.00	4.12	0
CO29368	CO29320	6.00	2 1-	4ACSR	0	0	552	150	4	0	0	0.00	4.10	0
CO29402	CO29368	6.15	2 1-	4ACSR	0	0	537	149	4	0	0	0.00	4.11	0
CO29403	CO29402	6.42	2 1-	4ACSR	0	0	511	146	4	0	0	0.00	4.11	0
CO29318	CO29346	5.63	3 1-	4ACSR	0	0	594	153	1	0	0	0.00	4.07	0
CO29319	CO29318	5.82	2 1-	4ACSR	0	0	572	151	1	0	0	0.00	4.07	0
CO29398	CO29319	5.93	1 1-	4ACSR	0	0	560	151	0	0	0	0.00	4.07	0
CO29399	CO29398	6.02	0 1-	4ACSR	0	0	550	150	0	0	0	0.00	4.07	0
CO29397	CO29399	6.15	0 1-	4ACSR	0	0	537	149	0	0	0	0.00	4.07	0
CO29337	CO29319	5.87	1 1-	4ACSR	0	0	566	151	1	0	0	0.00	4.07	0
CO29338	CO29318	5.72	1 1-	4ACSR	0	0	583	152	0	0	0	0.00	4.07	0
CO29336	CO29395	5.16	1 1-	4ACSR	0	0	656	157	1	0	0	0.00	4.04	0
CO29581	CO30483	4.50	2 1-	4ACSR	0	0	759	164	5	0	0	0.00	3.99	0
CO29553	CO29612	4.14	31 3-	1/0ACSR	919	894	833	169	136	6	3	0.02	3.66	5
CO-1020755182	CO29553	4.22	30 3-	2ACSR	910	883	821	168	127	5	3	0.01	3.68	2
CO1321790565	CO-1020755182	4.29	28 3-	2ACSR	900	871	809	168	109	5	3	0.01	3.69	0
CO29614	CO1321790565	4.37	28 3-	1/0ACSR	891	862	798	167	109	5	2	0.01	3.69	0
CO29615	CO29614	4.45	28 3-	1/0ACSR	882	852	787	167	109	5	2	0.01	3.70	0
CO29620	CO29615	4.54	24 3-	1/0ACSR	872	841	776	166	94	4	2	0.01	3.71	0
CO595093027	CO29620	4.69	0 1-	2ACSR	0	0	755	165	0	0	0	0.00	3.71	0
CO29621	CO29620	4.58	24 3-	1/0ACSR	867	836	770	166	94	4	2	0.00	3.71	0
CO1372321984	CO29621	4.61	22 3-	2ACSR	864	832	766	166	89	4	2	0.00	3.71	0
CO-2133377024	CO1372321984	4.65	22 3-	2ACSR	860	828	761	166	89	4	2	0.00	3.72	0
CO29623	CO-2133377024	4.67	21 3-	1/0ACSR	857	825	758	166	84	3	2	0.00	3.72	0
CO29562	CO29623	4.86	20 3-	1/0ACSR	838	803	735	165	83	3	2	0.01	3.73	0
CO29597	CO29562	4.91	0 1-	4ACSR	0	0	727	164	0	0	0	0.00	3.73	0
CO29624	CO29562	5.03	20 3-	1/0ACSR	820	785	716	164	83	3	2	0.01	3.74	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29625	CO29624	5.46	20 3-	1/0ACSR	779	741	671	162	83	3	2	0.03	3.77	4
CO30506	CO29625	5.59	19 3-	1/0ACSR	768	729	658	161	81	3	2	0.01	3.78	0
CO29333	CO30506	5.65	1 1-	4ACSR	0	0	650	160	1	0	0	0.00	3.78	0
CO29339	CO30506	5.63	0 1-	4ACSR	0	0	653	161	0	0	0	0.00	3.78	0
CO29348	CO30506	5.69	18 3-	1/0ACSR	759	719	648	161	80	3	2	0.01	3.78	0
CO29349	CO29348	5.74	18 3-	1/0ACSR	754	715	644	160	80	3	2	0.00	3.79	0
CO29415	CO29349	5.93	17 3-	1/0ACSR	738	698	627	159	74	3	1	0.01	3.80	0
CO29416	CO29415	6.08	17 3-	1/0ACSR	726	686	614	159	74	3	1	0.01	3.81	0
CO29417	CO29416	6.24	17 3-	1/0ACSR	714	673	601	158	74	3	1	0.01	3.82	0
CO29418	CO29417	6.37	17 3-	1/0ACSR	704	662	591	157	74	3	1	0.01	3.82	0
CO29317	CO29418	6.46	16 3-	1/0ACSR	697	655	583	157	73	3	1	0.01	3.83	0
CO29331	CO29317	6.52	1 1-	4ACSR	0	0	577	156	8	1	1	0.00	3.83	0
CO29352	CO29317	6.49	15 3-	1/0ACSR	695	653	582	157	64	2	1	0.00	3.83	0
CO29353	CO29352	6.59	15 3-	1/0ACSR	687	645	574	156	64	2	1	0.01	3.84	0
CO29354	CO29353	6.65	14 3-	1/0ACSR	683	640	569	156	62	2	1	0.00	3.84	0
CO29423	CO29354	6.66	7 1-	6ACWC	0	0	569	156	23	3	2	0.00	3.84	0
OC913	CO29423	6.66	7 1-	15 H OCR	0	0	569	156	23	3	21	0.00	3.84	0
CO29424	OC913	7.07	7 1-	6ACWC	0	0	530	152	23	3	2	0.06	3.90	0
CO29408	CO29424	7.09	7 1-	2ACSR	0	0	528	152	23	3	2	0.00	3.90	0
CO2144279478	CO29408	7.11	7 1-	2ACSR	0	0	526	152	23	3	2	0.00	3.90	0
CO29361	CO2144279478	7.32	7 1-	6ACWC	0	0	508	150	23	3	2	0.03	3.93	0
CO29406	CO29361	7.44	6 1-	6ACWC	0	0	498	149	16	2	2	0.01	3.94	0
CO29407	CO29406	7.59	6 1-	6ACWC	0	0	486	148	16	2	2	0.02	3.95	0
CO29360	CO29407	7.68	5 1-	6ACWC	0	0	479	147	16	2	2	0.00	3.96	0
CO29359	CO29360	7.80	4 1-	6ACWC	0	0	470	146	1	0	0	0.00	3.96	0
CO29334	CO29359	7.87	0 1-	6ACWC	0	0	464	146	0	0	0	0.00	3.96	0
CO30515	CO29359	8.14	4 1-	6ACWC	0	0	446	143	1	0	0	0.00	3.96	0
CO29709	CO30515	8.19	3 1-	6ACWC	0	0	442	143	1	0	0	0.00	3.96	0
CO29710	CO29709	8.46	2 1-	6ACWC	0	0	424	141	0	0	0	0.00	3.96	0
CO29711	CO29710	8.58	1 1-	6ACWC	0	0	417	140	0	0	0	0.00	3.96	0
CO-1246667839	CO29408	7.23	0 1-	2ACSR	0	0	518	151	0	0	0	0.00	3.90	0
CO29355	CO29354	6.92	6 3-	1/0ACSR	664	621	550	155	28	1	1	0.00	3.84	0
CO29356	CO29355	6.96	5 3-	1/0ACSR	661	618	548	155	18	0	0	0.00	3.84	0
CO29425	CO29356	6.97	1 1-	4ACSR	0	0	547	155	3	0	0	0.00	3.85	0
OC911	CO29425	6.97	1 1-	10 N FUSE	0	0	547	155	3	0	5	0.00	3.85	0
CO29426	OC911	7.04	1 1-	4ACSR	0	0	541	154	3	0	0	0.00	3.85	0
CO29409	CO29426	7.06	0 1-	4ACSR	0	0	538	154	0	0	0	0.00	3.85	0
CO29410	CO29409	7.25	0 1-	4ACSR	0	0	521	152	0	0	0	0.00	3.85	0
CO29335	CO29410	7.32	0 1-	4ACSR	0	0	515	151	0	0	0	0.00	3.85	0
CO29419	CO29410	7.51	0 1-	4ACSR	0	0	499	150	0	0	0	0.00	3.85	0
CO29420	CO29419	7.59	0 1-	4ACSR	0	0	493	149	0	0	0	0.00	3.85	0
CO29357	CO29356	7.00	3 1-	4ACSR	0	0	544	154	4	0	0	0.00	3.85	0
CO29411	CO29357	7.05	2 1-	4ACSR	0	0	539	154	0	0	0	0.00	3.85	0
CO29427	CO29411	7.15	0 1-	4ACSR	0	0	530	153	0	0	0	0.00	3.85	0
CO29413	CO29427	7.18	0 1-	4ACSR	0	0	527	153	0	0	0	0.00	3.85	0
CO29414	CO29413	7.22	0 1-	4ACSR	0	0	523	152	0	0	0	0.00	3.85	0
CO29412	CO29411	7.09	2 1-	4ACSR	0	0	535	153	0	0	0	0.00	3.85	0
CO29350	CO29418	6.42	1 1-	4ACSR	0	0	586	157	1	0	0	0.00	3.83	0
CO29351	CO29350	6.47	1 1-	4ACSR	0	0	579	156	1	0	0	0.00	3.83	0
CO29332	CO29349	5.84	1 1-	4ACSR	0	0	632	159	6	0	1	0.00	3.79	0
CO29626	CO29625	5.55	1 1-	4ACSR	0	0	658	161	2	0	0	0.00	3.77	0
CO29627	CO29626	5.61	1 1-	4ACSR	0	0	651	160	2	0	0	0.00	3.77	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29580	CO29623	4.73	1 1-	4ACSR	0	0	749	165	1	0	0	0.00	3.72	0
CO29596	CO-2133377024	4.71	1 1-	4ACSR	0	0	750	165	5	0	0	0.00	3.72	0
CO29618	CO29615	4.55	2 1-	4ACSR	0	0	771	166	3	0	0	0.00	3.70	0
CO29579	CO29618	4.57	1 1-	4ACSR	0	0	766	166	3	0	0	0.00	3.70	0
CO29619	CO29618	4.59	1 1-	4ACSR	0	0	764	165	0	0	0	0.00	3.70	0
CO29616	CO29615	4.55	2 1-	2ACSR	0	0	773	166	12	1	1	0.00	3.70	0
CO-2002736321	CO29616	4.59	1 1-	2ACSR	0	0	767	166	1	0	0	0.00	3.70	0
CO29617	CO29616	4.63	1 1-	2ACSR	0	0	761	166	10	1	1	0.00	3.71	0
CO1461747229	CO-1020755182	4.29	2 1-	2ACSR	0	0	809	168	18	2	1	0.01	3.68	0
CO31464911	CO1461747229	4.36	2 1-	2ACSR	0	0	798	167	18	2	1	0.00	3.68	0
CO29578	CO29553	4.18	1 1-	4ACSR	0	0	826	168	9	1	1	0.00	3.67	0
CO29577	CO29550	3.78	1 1-	4ACSR	0	0	887	170	9	1	1	0.00	3.58	0
CO29575	CO29610	3.51	0 1-	4ACSR	0	0	933	172	0	0	0	0.00	3.51	0
CO29576+	CO29552	3.20	1 1-	4ACSR	0	0	1649	328	2	0	0	0.00	3.03	0
CO29607+	CO29606	3.05	2 1-	4ACSR	0	0	1709	330	10	0	0	0.00	2.94	0
CO29608+	CO29607	3.19	1 1-	4ACSR	0	0	1647	327	8	0	0	0.00	2.94	0
CO29506+	CO29505	1.37	0 1-	4ACSR	0	0	2449	345	0	0	0	0.00	0.77	0
CO29507+	CO29506	1.41	0 1-	4ACSR	0	0	2420	345	0	0	0	0.00	0.77	0
CO29497+	CO29496	0.28	4 1-	4ACSR	0	0	3262	355	16	1	1	0.00	0.15	0
CO29498+	CO29497	0.32	2 1-	4ACSR	0	0	3218	354	11	0	1	0.00	0.15	0
CO29499+	CO29498	0.38	2 1-	4ACSR	0	0	3146	352	11	0	1	0.00	0.15	0
CO29500+	CO29499	0.41	2 1-	4ACSR	0	0	3103	352	11	0	1	0.00	0.16	0
CO25347909+	CO29500	0.54	1 1-	2ACSR	0	0	2967	350	5	0	0	0.00	0.16	0
CO29534+	CO29532	0.02	165 3-	750 MCM - 42 Wi	3387	3510	3536	357	1046	23	2	0.00	0.00	0
Barret Pk.+	CO29534	0.02	165 3-	560 200WVE	3387	3510	3536	357	1046	23	4	0.00	0.00	0
CO29484+	Barret Pk.	0.04	165 3-	1/0ACSR	3371	3484	3509	357	1046	23	10	0.00	0.01	7
CO29485+	CO29484	0.25	165 3-	1/0ACSR	3225	3258	3275	355	1046	23	10	0.04	0.05	68
CO29486+	CO29485	0.34	165 3-	1/0ACSR	3169	3179	3188	354	1046	23	10	0.02	0.07	27
CO29487+	CO29486	0.37	165 3-	1/0ACSR	3148	3156	3156	353	1045	23	10	0.01	0.08	10
CO29431+	CO29487	0.57	157 3-	1/0ACSR	3021	3011	2967	351	998	22	10	0.04	0.11	58
CO29432+	CO29431	0.83	156 3-	1/0ACSR	2869	2837	2751	348	995	22	10	0.05	0.16	74
CO29492+	CO29432	0.87	3 1-	4ACSR	0	0	2708	348	15	1	1	0.00	0.16	0
OC-321665880+	CO29492	0.87	1 1-	20 N FUSE	0	0	2708	348	3	0	1	0.00	0.16	0
CO29493+	OC-321665880	0.91	1 1-	4ACSR	0	0	2669	347	3	0	0	0.00	0.16	0
CO29494+	CO29493	1.09	1 1-	4ACSR	0	0	2496	343	3	0	0	0.00	0.17	0
CO29433+	CO29432	1.31	153 3-	1/0ACSR	2615	2550	2415	344	980	22	10	0.09	0.26	134
CO29434+	CO29433	1.46	151 3-	1/0ACSR	2539	2466	2320	342	963	21	9	0.03	0.29	42
CO29538+	CO29434	1.60	0 1-	4ACSR	0	0	2218	339	0	0	0	0.00	0.29	0
OC-581806790+	CO29538	1.60	0 1-	20 N FUSE	0	0	2218	339	0	0	0	0.00	0.29	0
CO29537+	CO29434	1.57	1 1-	4ACSR	0	0	2239	340	6	0	0	0.00	0.29	0
OC1217778951+	CO29537	1.57	0 1-	20 N FUSE	0	0	2239	340	0	0	0	0.00	0.29	0
CO30511+	CO29434	1.77	150 3-	1/0ACSR	2403	2316	2154	339	957	21	9	0.06	0.34	81
CO29773+	CO30511	1.81	13 1-	4ACSR	0	0	2123	338	77	5	4	0.01	0.35	0
OC-2074783867+	CO29773	1.81	12 1-	20 N FUSE	0	0	2123	338	68	4	23	0.00	0.35	0
CO29774+	OC-2074783867	1.97	12 1-	4ACSR	0	0	2017	334	68	4	3	0.02	0.36	0
CO29779+	CO29774	2.12	5 1-	2ACSR	0	0	1940	332	40	2	1	0.01	0.37	0
CO29781+	CO29779	2.14	2 1-	2ACSR	0	0	1932	332	10	0	0	0.00	0.37	0
CO29782+	CO29781	2.21	1 1-	2ACSR	0	0	1901	331	1	0	0	0.00	0.37	0
CO29780+	CO29779	2.15	3 1-	2ACSR	0	0	1928	332	29	1	1	0.00	0.37	0
CO29775+	CO29774	2.00	5 1-	4ACSR	0	0	2002	334	22	1	1	0.00	0.36	0
CO29776+	CO29775	2.03	4 1-	4ACSR	0	0	1985	333	22	1	1	0.00	0.36	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29777+	CO29776	2.09	2 1-	4ACSR	0	0	1945	332	6	0	0	0.00	0.37	0
CO29778+	CO29777	2.16	1 1-	4ACSR	0	0	1906	331	6	0	0	0.00	0.37	0
CO29747+	CO30511	2.35	136 3-	1/0ACSR	2173	2068	1891	333	879	19	9	0.10	0.44	132
CO29846+	CO29747	2.95	135 3-	1/0ACSR	1972	1857	1676	327	878	19	9	0.10	0.55	136
CO29843+	CO29846	2.96	14 1-	4ACSR	0	0	1673	327	122	8	6	0.00	0.55	0
OC932+	CO29843	2.96	14 1-	50 E OCR	0	0	1673	327	122	8	17	0.00	0.55	0
CO29844+	OC932	3.06	14 1-	4ACSR	0	0	1630	325	122	8	6	0.02	0.57	4
OC1904100502+	CO29844	3.06	14 1-	20 N FUSE	0	0	1630	325	122	8	42	0.00	0.57	0
CO29738+	OC1904100502	3.27	14 1-	4ACSR	0	0	1542	321	122	8	6	0.04	0.61	8
CO29785+	CO29738	3.40	2 1-	4ACSR	0	0	1492	318	15	1	1	0.00	0.61	0
CO29748+	CO29785	3.45	2 1-	4ACSR	0	0	1473	317	15	1	1	0.00	0.61	0
CO29786+	CO29785	3.43	0 1-	4ACSR	0	0	1482	318	0	0	0	0.00	0.61	0
CO29739+	CO29738	3.48	12 1-	4ACSR	0	0	1464	317	107	7	5	0.03	0.64	6
CO29845+	CO29739	3.64	10 1-	4ACSR	0	0	1406	314	90	6	4	0.02	0.66	3
CO29789+	CO29845	3.67	8 1-	4ACSR	0	0	1397	313	74	5	4	0.00	0.67	0
CO29790+	CO29789	3.91	8 1-	4ACSR	0	0	1320	309	74	5	4	0.03	0.69	3
CO29791+	CO29790	3.96	7 1-	4ACSR	0	0	1305	308	65	4	3	0.00	0.69	0
CO29792+	CO29791	4.11	6 1-	4ACSR	0	0	1262	305	27	1	1	0.01	0.70	0
CO29795+	CO29792	4.14	4 1-	4ACSR	0	0	1252	305	24	1	1	0.00	0.70	0
CO29796+	CO29795	4.18	4 1-	4ACSR	0	0	1242	304	24	1	1	0.00	0.70	0
CO29797+	CO29796	4.19	2 1-	4ACSR	0	0	1237	304	13	0	1	0.00	0.70	0
CO29798+	CO29797	4.23	0 1-	4ACSR	0	0	1229	303	0	0	0	0.00	0.70	0
CO29793+	CO29792	4.31	1 1-	4ACSR	0	0	1206	302	0	0	0	0.00	0.70	0
CO29794+	CO29793	4.44	1 1-	4ACSR	0	0	1175	300	0	0	0	0.00	0.70	0
CO29758+	CO29845	3.79	1 1-	4ACSR	0	0	1357	311	9	0	0	0.00	0.66	0
CO29759+	CO29845	3.69	1 1-	4ACSR	0	0	1391	313	6	0	0	0.00	0.66	0
CO29787+	CO29739	3.64	2 1-	4ACSR	0	0	1408	314	18	1	1	0.00	0.64	0
CO29788+	CO29787	3.69	1 1-	4ACSR	0	0	1391	313	14	0	1	0.00	0.64	0
CO29749+	OC1904100502	3.10	0 1-	4ACSR	0	0	1613	324	0	0	0	0.00	0.57	0
CO29799+	CO29846	3.00	120 3-	1/0ACSR	1958	1842	1660	327	755	17	7	0.01	0.55	8
CO29800+	CO29799	3.06	120 3-	1/0ACSR	1940	1826	1642	326	755	17	7	0.01	0.56	10
CO29801+	CO29800	3.15	119 3-	1/0ACSR	1913	1800	1615	325	742	16	7	0.01	0.57	15
CO29750+	CO29801	3.31	0 1-	4ACSR	0	0	1551	322	0	0	0	0.00	0.57	0
OC-2026422275+	CO29750	3.31	0 1-	20 N FUSE	0	0	1551	322	0	0	0	0.00	0.57	0
CO29802+	CO29801	3.27	119 3-	1/0ACSR	1882	1771	1583	324	742	16	7	0.02	0.59	17
CO670358017+	CO29802	3.32	1 1-	2ACSR	0	0	1564	323	10	0	0	0.00	0.59	0
OC-1331207605+	CO670358017	3.32	0 1-	20 N FUSE	0	0	1564	323	0	0	0	0.00	0.59	0
CO29803+	CO29802	3.30	116 3-	1/0ACSR	1871	1760	1571	324	711	16	7	0.01	0.60	6
CO29740+	CO29803	3.42	112 3-	1/0ACSR	1839	1730	1539	323	689	15	7	0.02	0.61	16
CO29741+	CO29740	3.50	40 1-	4ACSR	0	0	1511	321	172	11	8	0.02	0.63	5
CO29841+	CO29741	3.50	40 1-	4ACSR	0	0	1508	321	172	11	8	0.00	0.63	0
OC931+	CO29841	3.50	40 1-	50 H OCR	0	0	1508	321	172	11	23	0.00	0.63	0
CO29842+	OC931	3.64	40 1-	4ACSR	0	0	1459	318	172	11	8	0.04	0.67	10
CO29820+	CO29842	3.72	36 1-	4ACSR	0	0	1431	317	156	10	8	0.02	0.69	5
CO29821+	CO29820	3.75	35 1-	4ACSR	0	0	1420	316	154	10	7	0.01	0.69	0
CO29830+	CO29821	4.08	31 1-	4ACSR	0	0	1314	310	147	9	7	0.07	0.77	17
CO29831+	CO29830	4.14	31 1-	4ACSR	0	0	1298	309	147	9	7	0.01	0.78	3
CO29832+	CO29831	4.20	30 1-	4ACSR	0	0	1279	308	140	9	7	0.01	0.79	3
CO29833+	CO29832	4.24	28 1-	4ACSR	0	0	1269	307	136	9	7	0.01	0.80	0
CO29756+	CO29833	4.30	2 1-	4ACSR	0	0	1253	306	3	0	0	0.00	0.80	0
CO29834+	CO29833	4.29	26 1-	4ACSR	0	0	1256	307	133	8	6	0.01	0.81	0
CO29835+	CO29834	4.34	24 1-	4ACSR	0	0	1242	306	129	8	6	0.01	0.82	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29755+	CO29835	4.37	2 1-	4ACSR	0	0	1232	305	9	0	0	0.00	0.82	0
CO29836+	CO29835	4.41	22 1-	4ACSR	0	0	1222	304	120	8	6	0.01	0.83	3
CO29837+	CO29836	4.51	21 1-	4ACSR	0	0	1197	303	120	8	6	0.02	0.85	3
CO29762+	CO29837	4.57	0 1-	2ACSR	0	0	1185	302	0	0	0	0.00	0.85	0
CO29838+	CO29837	4.65	20 1-	4ACSR	0	0	1162	300	110	7	5	0.02	0.87	4
CO29839+	CO29838	4.72	1 1-	4ACSR	0	0	1144	299	13	0	1	0.00	0.87	0
CO29840+	CO29839	4.80	1 1-	4ACSR	0	0	1127	298	13	0	1	0.00	0.88	0
CO29742+	CO29838	4.72	17 1-	4ACSR	0	0	1144	299	93	6	4	0.01	0.88	0
CO-675393905+	CO29742	4.77	0 1-	2ACSR	0	0	1136	298	0	0	0	0.00	0.88	0
CO29743+	CO29742	4.80	16 1-	4ACSR	0	0	1126	298	93	6	4	0.01	0.89	0
CO30504+	CO29743	4.86	15 1-	4ACSR	0	0	1114	297	79	5	4	0.01	0.90	0
CO29851+	CO30504	5.30	5 1-	4ACSR	0	0	1021	289	15	0	1	0.01	0.91	0
CO29864+	CO29851	5.59	3 1-	4ACSR	0	0	969	285	14	0	1	0.01	0.92	0
CO29909+	CO29864	5.81	1 1-	2ACSR	0	0	939	283	7	0	0	0.00	0.92	0
CO29910+	CO29909	5.89	1 1-	2ACSR	0	0	930	282	7	0	0	0.00	0.92	0
CO29911+	CO29910	6.01	1 1-	2ACSR	0	0	915	280	7	0	0	0.00	0.92	0
CO29912+	CO29911	6.06	1 1-	2ACSR	0	0	908	280	7	0	0	0.00	0.92	0
CO29888+	CO29864	5.66	1 1-	4ACSR	0	0	957	284	3	0	0	0.00	0.92	0
CO29887+	CO29864	5.63	1 1-	4ACSR	0	0	961	284	3	0	0	0.00	0.92	0
CO29872+	CO29851	5.41	2 1-	4ACSR	0	0	1000	288	1	0	0	0.00	0.91	0
CO29850+	CO30504	4.97	8 1-	4ACSR	0	0	1089	295	44	2	2	0.01	0.91	0
CO29900+	CO29850	5.06	6 1-	4ACSR	0	0	1069	293	32	2	2	0.00	0.91	0
CO29901+	CO29900	5.16	6 1-	4ACSR	0	0	1049	292	32	2	2	0.00	0.92	0
CO29904+	CO29901	5.27	4 1-	4ACSR	0	0	1027	290	16	1	1	0.00	0.92	0
CO29905+	CO29904	5.34	4 1-	4ACSR	0	0	1013	289	16	1	1	0.00	0.92	0
CO29906+	CO29905	5.41	4 1-	1/0PRIURD	0	0	1005	548	16	1	1	0.00	0.92	0
CO29907+	CO29906	5.50	2 1-	1/0PRIURD	0	0	996	546	5	0	0	0.00	0.92	0
CO29908+	CO29907	5.64	1 1-	1/0PRIURD	0	0	980	541	4	0	0	0.00	0.92	0
CO29902+	CO29901	5.23	2 1-	4ACSR	0	0	1034	290	16	1	1	0.00	0.92	0
CO29903+	CO29902	5.33	1 1-	4ACSR	0	0	1015	289	13	0	1	0.00	0.92	0
CO29893+	CO30504	4.88	1 1-	2ACSR	0	0	1110	296	15	1	1	0.00	0.90	0
CO29894+	CO29893	4.93	1 1-	2ACSR	0	0	1101	296	15	1	1	0.00	0.90	0
CO29760+	CO29743	4.92	1 1-	2ACSR	0	0	1105	296	13	0	1	0.00	0.90	0
CO29761+	CO29834	4.36	2 1-	2ACSR	0	0	1239	306	4	0	0	0.00	0.81	0
CO29822+	CO29821	3.91	4 1-	4ACSR	0	0	1366	313	7	0	0	0.00	0.70	0
CO29823+	CO29822	4.26	4 1-	4ACSR	0	0	1264	307	7	0	0	0.00	0.70	0
CO29753+	CO29823	4.47	1 1-	4ACSR	0	0	1206	303	1	0	0	0.00	0.70	0
CO-775441454+	CO29753	4.54	0 1-	2ACSR	0	0	1191	302	0	0	0	0.00	0.70	0
CO29824+	CO29823	4.52	3 1-	4ACSR	0	0	1194	302	7	0	0	0.00	0.70	0
CO29825+	CO29824	4.54	3 1-	4ACSR	0	0	1189	302	7	0	0	0.00	0.70	0
CO29828+	CO29825	4.71	1 1-	4ACSR	0	0	1148	299	5	0	0	0.00	0.70	0
CO29829+	CO29828	4.86	0 1-	4ACSR	0	0	1113	297	0	0	0	0.00	0.70	0
CO29826+	CO29825	4.64	1 1-	4ACSR	0	0	1165	300	2	0	0	0.00	0.70	0
CO29827+	CO29826	4.71	1 1-	4ACSR	0	0	1147	299	2	0	0	0.00	0.70	0
CO29818+	CO29842	3.77	3 1-	4ACSR	0	0	1414	316	14	0	1	0.00	0.67	0
CO29819+	CO29818	3.82	2 1-	4ACSR	0	0	1399	315	9	0	0	0.00	0.67	0
CO29804+	CO29740	3.69	71 3-	2ACSR	1757	1654	1458	319	512	11	6	0.04	0.65	33
CO29805+	CO29804	4.12	70 3-	2ACSR	1635	1542	1342	313	497	11	6	0.06	0.72	50
CO29806+	CO29805	4.19	69 3-	2ACSR	1618	1527	1326	313	497	11	6	0.01	0.72	7
FD1217325322+	CO29806	4.19	68 3-	_DefaultBayEqui	1618	1527	1326	313	493	11	0	0.00	0.72	0
CO29746+	FD1217325322	4.38	68 3-	2ACSR	1568	1481	1280	310	493	11	6	0.03	0.75	22
OC1217325322+	CO29746	4.38	63 3-	20 N FUSE	1568	1481	1280	310	469	10	53	0.00	0.75	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29811+	OC1217325322	4.58	63 3-	2ACSR	1522	1439	1238	308	469	10	6	0.03	0.78	19
CO194944442+	CO29811	4.62	60 3-	2ACSR	1511	1429	1227	307	453	10	6	0.01	0.79	5
CO1539125794+	CO194944442	4.84	1 1-	2ACSR	0	0	1184	304	0	0	0	0.00	0.79	0
OC-68144902+	CO1539125794	4.84	0 1-	20 N FUSE	0	0	1184	304	0	0	0	0.00	0.79	0
CO-513416104+	CO194944442	4.69	59 3-	2ACSR	1496	1415	1214	306	453	10	6	0.01	0.79	6
CO29813+	CO-513416104	4.93	59 3-	2ACSR	1442	1366	1165	303	453	10	6	0.03	0.83	24
CO29816+	CO29813	4.97	2 1-	2ACSR	0	0	1158	303	6	0	0	0.00	0.83	0
OC-1345114114+	CO29816	4.97	1 1-	20 N FUSE	0	0	1158	303	2	0	1	0.00	0.83	0
CO29817+	OC-1345114114	4.99	1 1-	2ACSR	0	0	1154	303	2	0	0	0.00	0.83	0
CO30336+	CO29813	5.16	56 3-	2ACSR	1395	1323	1123	301	447	10	6	0.03	0.86	21
CO24898+	CO30336	5.35	56 3-	2ACSR	1357	1288	1090	298	447	10	6	0.02	0.88	17
CO24944+	CO24898	5.36	12 1-	4ACSR	0	0	1089	298	72	4	4	0.00	0.88	0
OC750+	CO24944	5.36	12 1-	35 A OCR	0	0	1089	298	72	4	0	0.00	0.88	0
CO30351+	OC750	5.73	12 1-	4ACSR	0	0	1016	292	72	4	4	0.04	0.92	4
OC1288114373+	CO30351	5.73	11 1-	20 N FUSE	0	0	1016	292	62	4	21	0.00	0.92	0
CO29744+	OC1288114373	5.86	9 1-	4ACSR	0	0	992	290	46	3	2	0.01	0.93	0
CO1719526032+	CO29744	5.90	1 1-	2ACSR	0	0	986	289	10	0	0	0.00	0.93	0
CO29745+	CO29744	5.95	6 1-	4ACSR	0	0	976	288	29	1	1	0.00	0.93	0
CO29765+	CO29745	5.99	3 1-	4ACSR	0	0	969	288	19	1	1	0.00	0.93	0
CO29766+	CO29765	6.07	3 1-	4ACSR	0	0	955	286	19	1	1	0.00	0.94	0
CO29767+	CO29766	6.29	3 1-	4ACSR	0	0	921	283	19	1	1	0.01	0.94	0
CO30517+	CO29767	6.53	3 1-	4ACSR	0	0	884	279	19	1	1	0.01	0.95	0
CO29898+	CO30517	6.59	3 1-	4ACSR	0	0	875	279	19	1	1	0.00	0.95	0
CO29899+	CO29898	6.81	1 1-	4ACSR	0	0	846	275	14	0	1	0.00	0.95	0
CO29754+	CO29745	5.98	1 1-	4ACSR	0	0	971	288	0	0	0	0.00	0.93	0
CO29763+	CO29745	6.03	2 1-	2ACSR	0	0	965	288	10	0	0	0.00	0.93	0
CO29768+	CO29744	5.93	2 1-	4ACSR	0	0	980	289	7	0	0	0.00	0.93	0
CO29769+	CO29768	5.96	2 1-	4ACSR	0	0	974	288	7	0	0	0.00	0.93	0
CO29770+	CO29769	6.08	2 1-	4ACSR	0	0	954	286	7	0	0	0.00	0.93	0
CO29771+	CO29770	6.44	1 1-	4ACSR	0	0	897	281	3	0	0	0.00	0.93	0
CO29772+	CO29771	6.82	0 1-	4ACSR	0	0	845	275	0	0	0	0.00	0.93	0
CO30339+	OC1288114373	5.84	2 1-	4ACSR	0	0	996	290	16	1	1	0.00	0.92	0
CO24943+	CO30339	6.14	0 1-	4ACSR	0	0	944	285	0	0	0	0.00	0.92	0
CO30340+	CO24943	6.31	0 1-	4ACSR	0	0	917	283	0	0	0	0.00	0.92	0
CO24906+	CO30339	5.99	1 1-	4ACSR	0	0	969	288	3	0	0	0.00	0.92	0
CO24941+	CO24898	5.48	43 3-	2ACSR	1333	1266	1069	297	361	8	5	0.01	0.89	8
CO24942+	CO24941	5.50	43 3-	2ACSR	1329	1262	1066	297	361	8	5	0.00	0.90	0
CO24901+	CO24942	5.54	0 1-	4ACSR	0	0	1057	296	0	0	0	0.00	0.90	0
CO24939+	CO24942	5.53	43 3-	2ACSR	1324	1257	1061	296	361	8	5	0.00	0.90	0
#FD602254569+	CO24939	5.53	0 3-	_DefaultBayEqui	1324	1257	1061	296	0	0	0	0.00	0.90	0
FD602254569+	CO24939	5.53	0 3-	_DefaultBayEqui	1324	1257	1061	296	0	0	0	0.00	0.90	0
CO24940+	CO24939	5.88	42 3-	2ACSR	1263	1201	1008	292	357	8	5	0.04	0.93	20
OC602254569+	CO24940	5.88	40 3-	10 H OCR	1263	1201	1008	292	323	7	73	0.00	0.93	0
CO24938+	OC602254569	5.95	40 3-	2ACSR	1251	1190	998	291	323	7	4	0.01	0.94	4
CO24937+	CO24938	5.99	37 3-	2ACSR	1243	1183	991	291	298	6	4	0.00	0.95	0
CO24908+	CO24937	6.06	1 1-	1/0PRIURD	0	0	984	552	11	0	0	0.00	0.95	0
CO24936+	CO24937	6.04	36 3-	2ACSR	1236	1176	985	290	287	6	4	0.00	0.95	0
CO24934+	CO24936	6.09	36 3-	2ACSR	1227	1168	978	290	287	6	4	0.00	0.95	0
CO24935+	CO24934	6.14	35 3-	2ACSR	1219	1161	971	289	276	6	3	0.00	0.96	0
CO24930+	CO24935	6.40	31 3-	2ACSR	1180	1125	937	286	245	5	3	0.02	0.98	7
CO24931+	CO24930	6.47	30 3-	2ACSR	1170	1116	929	286	244	5	3	0.00	0.98	0
CO24905+	CO24931	6.53	2 1-	4ACSR	0	0	918	285	10	0	0	0.00	0.98	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC118661001+	CO24905	6.53	0 1-	20 N FUSE	0	0	918	285	0	0	0	0.00	0.98	0
CO24928+	CO24931	6.50	28 3-	2ACSR	1166	1112	925	285	234	5	3	0.00	0.98	0
CO24929+	CO24928	6.72	26 3-	2ACSR	1135	1083	899	283	222	5	3	0.01	1.00	5
CO24904+	CO24929	6.80	2 1-	4ACSR	0	0	886	282	26	1	1	0.00	1.00	0
OC-956484554+	CO24904	6.80	0 1-	20 N FUSE	0	0	886	282	0	0	0	0.00	1.00	0
CO24903+	CO24929	6.77	1 1-	4ACSR	0	0	891	282	9	0	0	0.00	1.00	0
OC-1195813493+	CO24903	6.77	0 1-	20 N FUSE	0	0	891	282	0	0	0	0.00	1.00	0
CO24919+	CO24929	6.83	23 3-	2ACSR	1119	1068	886	282	186	4	2	0.01	1.00	0
CO24920+	CO24919	6.87	22 3-	2ACSR	1114	1064	882	281	174	3	2	0.00	1.01	0
CO24921+	CO24920	6.88	20 3-	2ACSR	1112	1062	880	281	154	3	2	0.00	1.01	0
CO24922+	CO24921	6.91	19 3-	2ACSR	1109	1059	877	281	153	3	2	0.00	1.01	0
CO24923+	CO24922	6.95	16 3-	2ACSR	1103	1054	873	280	118	2	1	0.00	1.01	0
CO24902+	CO24923	7.05	2 1-	4ACSR	0	0	858	279	8	0	0	0.00	1.01	0
OC-225792306+	CO24902	7.05	0 1-	20 N FUSE	0	0	858	279	0	0	0	0.00	1.01	0
CO24899+	CO24923	7.18	9 3-	2ACSR	1074	1026	848	278	67	1	1	0.00	1.01	0
CO24912+	CO24899	7.32	4 3-	2ACSR	1057	1010	833	276	32	0	0	0.00	1.01	0
CO24913+	CO24912	7.40	2 3-	2ACSR	1046	1001	825	276	16	0	0	0.00	1.01	0
CO24911+	CO24913	7.51	2 3-	2ACSR	1035	990	815	275	16	0	0	0.00	1.01	0
CO852070980+	CO24911	7.55	1 1-	2ACSR	0	0	811	274	11	0	0	0.00	1.02	0
CO61952739+	CO852070980	7.64	1 1-	2ACSR	0	0	802	273	11	0	0	0.00	1.02	0
CO24945+	CO24911	7.64	0 3-	2ACSR	1019	976	803	273	0	0	0	0.00	1.01	0
#SW751-B+	CO24945	7.64	0 3-	Open	1019	976	803	273	0	0	0	0.00	1.01	0
CO24915+	CO24899	7.28	5 1-	4ACSR	0	0	834	276	34	2	2	0.00	1.02	0
OC-231526427+	CO24915	7.28	4 1-	20 N FUSE	0	0	834	276	27	1	9	0.00	1.02	0
CO24916+	OC-231526427	7.35	4 1-	4ACSR	0	0	826	275	27	1	1	0.00	1.02	0
CO24914+	CO24916	7.50	1 1-	4ACSR	0	0	808	273	9	0	0	0.00	1.02	0
CO24917+	CO24916	7.41	3 1-	4ACSR	0	0	819	275	18	1	1	0.00	1.02	0
CO24918+	CO24917	7.50	2 1-	4ACSR	0	0	807	273	11	0	1	0.00	1.02	0
CO24924+	CO24923	6.99	5 1-	4ACSR	0	0	867	280	43	2	2	0.00	1.01	0
OC1999316261+	CO24924	6.99	4 1-	20 N FUSE	0	0	867	280	33	2	11	0.00	1.01	0
CO24925+	OC1999316261	7.03	4 1-	4ACSR	0	0	861	279	33	2	2	0.00	1.01	0
CO24907+	CO24925	7.12	1 1-	4ACSR	0	0	849	278	3	0	0	0.00	1.01	0
CO24926+	CO24925	7.06	3 1-	4ACSR	0	0	858	279	30	2	1	0.00	1.01	0
CO24927+	CO24926	7.08	1 1-	4ACSR	0	0	854	278	10	0	0	0.00	1.01	0
CO24932+	CO24935	6.21	2 1-	4ACSR	0	0	959	288	19	1	1	0.00	0.96	0
CO24933+	CO24932	6.25	1 1-	4ACSR	0	0	953	287	10	0	0	0.00	0.96	0
CO24909+	CO24938	6.04	3 1-	2ACSR	0	0	985	290	26	1	1	0.00	0.94	0
CO24910+	CO24940	5.97	1 1-	2ACSR	0	0	995	291	14	0	1	0.00	0.94	0
CO24900+	CO30336	5.23	0 1-	4ACSR	0	0	1108	299	0	0	0	0.00	0.86	0
CO29814+	CO29811	4.75	2 1-	2ACSR	0	0	1201	306	5	0	0	0.00	0.78	0
OC1857868918+	CO29814	4.75	1 1-	20 N FUSE	0	0	1201	306	5	0	2	0.00	0.78	0
CO29815+	OC1857868918	4.87	1 1-	2ACSR	0	0	1177	304	5	0	0	0.00	0.78	0
CO29807+	CO29746	4.55	4 1-	4ACSR	0	0	1235	307	18	1	1	0.00	0.76	0
OC1133671568+	CO29807	4.55	3 1-	20 N FUSE	0	0	1235	307	7	0	2	0.00	0.76	0
CO29808+	OC1133671568	4.57	3 1-	4ACSR	0	0	1230	307	7	0	0	0.00	0.76	0
CO29809+	CO29808	4.64	3 1-	4ACSR	0	0	1211	305	7	0	0	0.00	0.76	0
CO29810+	CO29809	4.83	1 1-	4ACSR	0	0	1164	302	0	0	0	0.00	0.76	0
CO29757+	CO29806	4.23	1 1-	4ACSR	0	0	1315	312	4	0	0	0.00	0.72	0
OC171020551+	CO29757	4.23	0 1-	20 N FUSE	0	0	1315	312	0	0	0	0.00	0.72	0
CO29764+	CO29804	3.82	1 1-	2ACSR	0	0	1422	317	15	1	1	0.00	0.65	0
OC-1456533523+	CO29764	3.82	0 1-	20 N FUSE	0	0	1422	317	0	0	0	0.00	0.65	0
CO29752+	CO29803	3.33	1 1-	4ACSR	0	0	1560	323	2	0	0	0.00	0.60	0

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Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-345751234+	CO29752	3.33	0 1-	20 N FUSE	0	0	1560	323	0	0	0	0.00	0.60	0
CO29751+	CO29803	3.39	1 1-	4ACSR	0	0	1539	322	4	0	0	0.00	0.60	0
OC169439073+	CO29751	3.39	0 1-	20 N FUSE	0	0	1539	322	0	0	0	0.00	0.60	0
CO29783+	CO29747	2.61	1 1-	4ACSR	0	0	1753	328	0	0	0	0.00	0.44	0
OC-1085797722+	CO29783	2.61	0 1-	20 N FUSE	0	0	1753	328	0	0	0	0.00	0.44	0
CO29784+	OC-1085797722	2.73	0 1-	4ACSR	0	0	1696	325	0	0	0	0.00	0.44	0
CO29457+	CO29433	1.36	1 1-	4ACSR	0	0	2366	342	15	1	1	0.00	0.26	0
OC1553271978+	CO29457	1.36	0 1-	20 N FUSE	0	0	2366	342	0	0	0	0.00	0.26	0
CO29455+	CO29433	1.48	0 1-	4ACSR	0	0	2278	340	0	0	0	0.00	0.26	0
OC-1999464392+	CO29455	1.48	0 1-	20 N FUSE	0	0	2278	340	0	0	0	0.00	0.26	0
CO167478472+	CO29433	1.37	1 1-	2ACSR	0	0	2370	343	1	0	0	0.00	0.26	0
OC-80241196+	CO167478472	1.37	0 1-	20 N FUSE	0	0	2370	343	0	0	0	0.00	0.26	0
CO29454+	CO29431	0.62	1 1-	4ACSR	0	0	2908	350	2	0	0	0.00	0.11	0
OC1277523313+	CO29454	0.62	0 1-	20 N FUSE	0	0	2908	350	0	0	0	0.00	0.11	0
CO29488+	CO29487	0.41	7 1-	1/0ACSR	0	0	3114	353	41	2	1	0.00	0.08	0
OC-516840325+	CO29488	0.41	6 1-	20 N FUSE	0	0	3114	353	27	1	9	0.00	0.08	0
CO29489+	OC-516840325	0.46	6 1-	1/0ACSR	0	0	3070	352	27	1	1	0.00	0.08	0
CO29490+	CO29489	0.52	2 1-	1/0ACSR	0	0	3016	352	15	0	0	0.00	0.08	0
CO29491+	CO29490	0.57	0 1-	1/0ACSR	0	0	2971	351	0	0	0	0.00	0.08	0
CO29533+	CO29532	0.02	108 3-	750 MCM - 42 Wi	3386	3508	3533	357	727	16	1	0.00	0.00	0
Strode Run+	CO29533	0.02	108 3-	560 200WVE	3386	3508	3533	357	727	16	3	0.00	0.00	0
CO29460+	Strode Run	0.03	108 3-	1/0CU	3379	3498	3523	357	727	16	5	0.00	0.00	0
CO29461+	CO29460	0.04	108 3-	1/0CU	3372	3485	3510	357	727	16	5	0.00	0.01	0
CO29462+	CO29461	0.17	108 3-	1/0CU	3297	3367	3388	356	727	16	5	0.01	0.02	12
CO29463+	CO29462	0.29	108 3-	1/0CU	3226	3260	3273	355	727	16	5	0.01	0.03	12
CO29464+	CO29463	0.34	108 3-	1/0CU	3197	3218	3228	355	727	16	5	0.00	0.03	5
CO29453+	CO29464	0.40	1 1-	4ACSR	0	0	3160	353	11	0	1	0.00	0.03	0
CO29465+	CO29464	1.51	107 3-	1/0CU	2644	2582	2440	346	716	16	5	0.11	0.14	109
CO29466+	CO29465	1.96	107 3-	1/0CU	2473	2392	2223	343	715	16	5	0.04	0.19	42
CO30503+	CO29466	3.04	107 3-	336ACSR	2188	2083	1871	338	715	16	3	0.06	0.24	50
CO28617+	CO30503	3.18	105 3-	336ACSR	2156	2049	1835	337	714	16	3	0.01	0.25	6
CO28619+	CO28617	3.55	105 3-	336ACSR	2076	1966	1747	336	714	16	3	0.02	0.27	17
CO28600+	CO28619	3.97	105 3-	1/0CU	1975	1861	1640	333	714	16	5	0.04	0.31	39
CO28649+	CO28600	4.46	28 3-	1/0CU	1866	1750	1529	329	211	4	2	0.01	0.32	4
CO28628+	CO28649	5.11	28 3-	1/0CU	1738	1620	1401	325	211	4	2	0.02	0.34	5
CO28615+	CO28628	5.18	1 1-	1/0PRIURD	0	0	1388	693	6	0	0	0.00	0.34	0
CO28627+	CO28628	5.15	1 1-	2ACSR	0	0	1392	324	16	1	1	0.00	0.34	0
CO28629+	CO28628	5.21	26 3-	1/0CU	1719	1602	1384	324	189	4	1	0.00	0.34	0
CO28630+	CO28629	5.64	26 3-	1/0CU	1645	1528	1312	321	189	4	1	0.01	0.35	3
CO28650+	CO28630	5.69	25 3-	1/0CU	1638	1521	1306	321	170	3	1	0.00	0.35	0
CO28651+	CO28650	5.76	23 3-	1/0CU	1626	1509	1294	320	170	3	1	0.00	0.35	0
CO28652+	CO28651	5.86	21 3-	1/0CU	1610	1492	1279	320	159	3	1	0.00	0.36	0
CO28608+	CO28652	5.96	1 1-	1/0CU	0	0	1265	319	19	1	0	0.00	0.36	0
CO28654+	CO28652	5.93	20 3-	1/0CU	1600	1482	1269	319	141	3	1	0.00	0.36	0
CO28655+	CO28654	5.95	19 3-	1/0CU	1597	1479	1266	319	126	2	1	0.00	0.36	0
CO28613+	CO28655	5.99	1 1-	1/0CU	0	0	1259	319	14	0	0	0.00	0.36	0
CO28640+	CO28655	5.97	18 3-	1/0CU	1593	1476	1263	319	112	2	1	0.00	0.36	0
CO28609+	CO28640	6.06	1 1-	1/0CU	0	0	1250	318	5	0	0	0.00	0.36	0
CO28664+	CO28640	5.98	17 3-	1/0CU	1592	1475	1262	319	107	2	1	0.00	0.36	0
OC892+	CO28664	5.98	17 3-	50 E OCR	1592	1475	1262	319	107	2	5	0.00	0.36	0
CO28665+	OC892	6.03	17 3-	1/0CU	1584	1466	1254	319	107	2	1	0.00	0.36	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28601+	CO28665	6.19	16 3-	1/0CU	1559	1442	1231	317	107	2	1	0.00	0.36	0
CO28602+	CO28601	6.48	13 3-	1/0CU	1518	1405	1193	316	72	1	1	0.00	0.36	0
CO414124720+	CO28602	6.58	8 3-	2ACSR	1497	1387	1175	314	38	0	0	0.00	0.36	0
CO1659916219+	CO414124720	6.63	1 1-	2ACSR	0	0	1165	313	10	0	0	0.00	0.36	0
CO-1676138749+	CO414124720	6.89	7 3-	2ACSR	1435	1333	1121	310	28	0	0	0.00	0.37	0
CO28656+	CO-1676138749	6.90	3 1-	6ACWC	0	0	1119	310	8	0	0	0.00	0.37	0
OC886+	CO28656	6.90	3 1-	10 N FUSE	0	0	1119	310	8	0	6	0.00	0.37	0
CO28657+	OC886	7.22	3 1-	6ACWC	0	0	1058	304	8	0	0	0.00	0.37	0
CO28636+	CO28657	7.36	3 1-	4ACSR	0	0	1033	302	8	0	0	0.00	0.37	0
CO28638+	CO28636	7.44	2 1-	4ACSR	0	0	1018	300	8	0	0	0.00	0.37	0
CO28639+	CO28638	7.52	1 1-	4ACSR	0	0	1004	299	5	0	0	0.00	0.37	0
CO28637+	CO28636	7.47	1 1-	2ACSR	0	0	1016	300	0	0	0	0.00	0.37	0
CO28632+	CO28657	7.27	0 1- 750 MCM - 42 Wi	2ACSR	0	0	1055	304	0	0	0	0.00	0.37	0
CO28633+	CO28632	7.55	0 1- 750 MCM - 42 Wi	2ACSR	0	0	1036	303	0	0	0	0.00	0.37	0
CO30422+	CO-1676138749	7.08	4 3-	1/0CU	1411	1311	1099	309	20	0	0	0.00	0.37	0
CO30427+	CO30422	7.41	3 1-	6ACWC	0	0	1038	303	9	0	1	0.00	0.37	0
CO1965823862+	CO30427	7.76	1 1-	1/0PRIURD	0	0	999	579	8	0	0	0.00	0.37	0
CO28401+	CO30422	7.27	1 3-	1/0CU	1388	1289	1078	308	11	0	0	0.00	0.37	0
CO-699657242+	CO28401	7.39	1 3-	2ACSR	1366	1270	1059	306	11	0	0	0.00	0.37	0
CO1187689468+	CO-699657242	7.49	1 3-	2ACSR	1349	1254	1044	305	11	0	0	0.00	0.37	0
CO277846335+	CO-699657242	7.42	0 3-	2ACSR	1361	1265	1055	306	0	0	0	0.00	0.37	0
SW868-B+	CO277846335	7.42	0 3-	Open	1361	1265	1055	306	0	0	0	0.00	0.37	0
CO28658+	CO28602	6.48	4 1-	6ACWC	0	0	1192	315	19	1	1	0.00	0.36	0
OC887+	CO28658	6.48	4 1-	10 N FUSE	0	0	1192	315	19	1	13	0.00	0.36	0
CO28659+	OC887	6.63	4 1-	6ACWC	0	0	1159	313	19	1	1	0.00	0.37	0
CO28653+	CO28659	6.66	3 1-	6ACWC	0	0	1154	312	12	0	1	0.00	0.37	0
CO28603+	CO28653	6.93	0 1-	6ACWC	0	0	1100	307	0	0	0	0.00	0.37	0
CO28611+	CO28653	6.72	3 1-	6ACWC	0	0	1142	311	12	0	1	0.00	0.37	0
CO28612+	CO28602	6.53	1 1-	1/0CU	0	0	1186	315	15	1	0	0.00	0.36	0
CO28660+	CO28601	6.20	3 1-	4ACSR	0	0	1230	317	34	2	2	0.00	0.36	0
OC888+	CO28660	6.20	3 1-	10 N FUSE	0	0	1230	317	34	2	23	0.00	0.36	0
CO28661+	OC888	6.30	3 1-	4ACSR	0	0	1205	315	34	2	2	0.01	0.37	0
CO28641+	CO28661	6.39	3 1-	4ACSR	0	0	1186	314	34	2	2	0.00	0.37	0
CO28642+	CO28641	6.43	2 1-	4ACSR	0	0	1177	313	24	1	1	0.00	0.37	0
CO28647+	CO28642	6.51	1 1-	4ACSR	0	0	1160	311	13	0	1	0.00	0.37	0
CO28616+	CO28647	6.61	1 1-	2ACSR	0	0	1143	310	13	0	0	0.00	0.37	0
CO28648+	CO28647	6.56	0 1-	4ACSR	0	0	1149	310	0	0	0	0.00	0.37	0
CO28631+	CO28648	6.69	0 1-	4ACSR	0	0	1123	308	0	0	0	0.00	0.37	0
CO28614+	CO28641	6.55	1 1-	2ACSR	0	0	1158	312	10	0	0	0.00	0.37	0
CO28610+	CO28665	6.17	0 1-	1/0CU	0	0	1234	318	0	0	0	0.00	0.36	0
CO28643+	CO28630	5.90	1 1-	1/0CU	0	0	1274	319	19	1	0	0.00	0.35	0
CO28645+	CO28643	6.06	1 1-	2ACSR	0	0	1240	317	19	1	1	0.00	0.36	0
CO28646+	CO28645	6.22	1 1-	2ACSR	0	0	1209	315	19	1	1	0.00	0.36	0
CO28644+	CO28643	6.02	0 1-	1/0CU	0	0	1256	319	0	0	0	0.00	0.35	0
CO28620+	CO28600	4.04	5 1-	6ACWC	0	0	1611	331	31	2	1	0.00	0.31	0
CO28621+	CO28620	4.11	3 1-	6ACWC	0	0	1586	330	15	1	1	0.00	0.31	0
CO28605+	CO28621	4.22	1 1-	4ACSR	0	0	1544	328	12	0	1	0.00	0.32	0
CO28622+	CO28621	4.25	2 1-	6ACWC	0	0	1536	327	4	0	0	0.00	0.32	0
CO28623+	CO28622	4.43	2 1-	6ACWC	0	0	1473	324	4	0	0	0.00	0.32	0
CO28606+	CO28623	4.48	1 1-	4ACSR	0	0	1454	322	1	0	0	0.00	0.32	0
CO28624+	CO28623	4.54	1 1-	6ACWC	0	0	1437	321	2	0	0	0.00	0.32	0
CO28625+	CO28624	4.70	1 1-	6ACWC	0	0	1386	318	2	0	0	0.00	0.32	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28662+	CO28600	3.97	72 1-	6ACWC	0	0	1638	333	472	32	23	0.00	0.32	4
OC889+	CO28662	3.97	72 1-	70 L OCR	0	0	1638	333	472	32	46	0.00	0.32	0
XFMR75	OC889	3.97	72 1-	333 KVA 1PH AUT	0	0	990	175	472	32	139	1.18	1.50	0
CO28663	XFMR75	4.17	72 1-	6ACWC	0	0	945	172	472	64	46	0.57	2.07	436
CO28607	CO28663	4.38	1 1-	6ACWC	0	0	900	170	3	0	0	0.00	2.07	0
CO28626	CO28663	4.41	71 1-	6ACWC	0	0	893	170	468	64	46	0.69	2.76	525
CO30421	CO28626	4.94	71 1-	6ACWC	0	0	787	164	465	64	46	1.51	4.27	1140
CO28269	CO30421	5.00	70 1-	6ACWC	0	0	775	164	459	63	46	0.19	4.45	139
CO28243	CO28269	5.19	2 1-	6ACWC	0	0	742	162	4	0	0	0.00	4.46	0
CO28285	CO28243	5.42	2 1-	6ACWC	0	0	705	160	4	0	0	0.00	4.46	0
CO28214	CO28285	5.50	2 1-	6ACWC	0	0	692	159	4	0	0	0.00	4.46	0
CO28286	CO28214	5.79	0 1-	6ACWC	0	0	649	156	0	0	0	0.00	4.46	0
CO28259	CO28214	5.59	1 1-	6ACWC	0	0	678	158	1	0	0	0.00	4.46	0
CO28260	CO28259	5.71	0 1-	6ACWC	0	0	660	157	0	0	0	0.00	4.46	0
CO28246	CO28285	5.80	0 1-	6ACWC	0	0	648	156	0	0	0	0.00	4.46	0
CO28247	CO28246	6.02	0 1-	6ACWC	0	0	618	154	0	0	0	0.00	4.46	0
CO28211	CO28269	5.05	67 1-	6ACWC	0	0	767	163	447	62	45	0.13	4.59	99
CO28225	CO28211	5.17	0 1-	6ACWC	0	0	745	162	0	0	0	0.00	4.59	0
CO28213	CO28211	5.33	67 1-	6ACWC	0	0	718	160	447	62	45	0.78	5.37	576
CO28212	CO28213	5.41	67 1-	6ACWC	0	0	705	160	444	62	45	0.23	5.59	168
CO28267	CO28212	5.53	61 1-	6ACWC	0	0	688	159	403	56	41	0.28	5.87	189
REG362	CO28267	5.53	60 1-		0	0	688	159	402	56	57	-5.87	0.00	0
CO28268	REG362	5.57	60 1-	6ACWC	0	0	681	158	402	54	39	0.11	0.11	68
CO28203	CO28268	5.68	38 1-	6ACWC	0	0	664	157	211	28	20	0.15	0.25	49
CO28218	CO28203	5.73	1 1-	6ACWC	0	0	657	157	4	0	0	0.00	0.25	0
CO28204	CO28203	5.86	37 1-	6ACWC	0	0	639	155	207	27	20	0.22	0.48	74
CO28273	CO28204	6.22	36 1-	6ACWC	0	0	593	152	206	27	20	0.44	0.92	146
CO28274	CO28273	6.26	35 1-	6ACWC	0	0	588	152	205	27	20	0.05	0.96	15
CO28239	CO28274	6.37	34 1-	6ACWC	0	0	575	151	204	27	20	0.14	1.10	46
CO28205	CO28239	6.44	33 1-	6ACWC	0	0	567	150	204	27	20	0.08	1.19	28
CO28207	CO28205	6.82	0 1-	6ACWC	0	0	527	147	0	0	0	0.00	1.19	0
CO28287	CO28207	7.21	0 1-	6ACWC	0	0	491	144	0	0	0	0.00	1.19	0
CO28244	CO28287	7.49	0 1-	6ACWC	0	0	467	142	0	0	0	0.00	1.19	0
CO28208	CO28207	6.89	0 1-	6ACWC	0	0	520	147	0	0	0	0.00	1.19	0
CO28221	CO28208	6.95	0 1-	6ACWC	0	0	515	146	0	0	0	0.00	1.19	0
CO28258	CO28208	6.98	0 1-	6ACWC	0	0	512	146	0	0	0	0.00	1.19	0
CO28278	CO28258	7.02	0 1-	6ACWC	0	0	508	145	0	0	0	0.00	1.19	0
CO28279	CO28278	7.07	0 1-	6ACWC	0	0	504	145	0	0	0	0.00	1.19	0
CO28206	CO28205	6.51	33 1-	6ACWC	0	0	560	150	204	27	20	0.08	1.27	26
CO28222	CO28206	6.54	1 1-	6ACWC	0	0	556	149	10	1	1	0.00	1.27	0
CO28210	CO28206	6.57	32 1-	6ACWC	0	0	552	149	193	26	19	0.08	1.35	25
CO28209	CO28210	6.73	32 1-	6ACWC	0	0	536	148	193	26	19	0.18	1.53	55
CO28240	CO28209	6.76	30 1-	6ACWC	0	0	533	148	187	25	18	0.04	1.56	10
CO28241	CO28240	6.81	29 1-	6ACWC	0	0	528	147	175	23	17	0.05	1.61	14
CO28242	CO28241	6.94	29 1-	6ACWC	0	0	515	146	175	23	17	0.14	1.75	39
CO30376	CO28242	7.18	29 1-	6ACWC	0	0	494	144	175	23	17	0.25	2.00	71
CO26105	CO30376	7.57	28 1-	6ACWC	0	0	462	141	170	23	17	0.40	2.40	110
CO26129	CO26105	7.57	26 1-	6ACWC	0	0	461	141	157	21	15	0.01	2.41	0
OC793	CO26129	7.57	26 1-	25 H OCR	0	0	461	141	157	21	86	0.00	2.41	0
CO26130	OC793	7.61	26 1-	6ACWC	0	0	458	141	157	21	15	0.04	2.44	9
CO26103	CO26130	7.67	26 1-	6ACWC	0	0	453	140	157	21	15	0.06	2.50	15
CO26104	CO26103	7.93	24 1-	6ACWC	0	0	435	139	151	20	15	0.24	2.74	58

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26067	CO26104	8.11	21 1-	6ACWC	0	0	422	137	139	19	14	0.15	2.89	35
CO26083	CO26067	8.12	2 1-	6ACWC	0	0	422	137	9	1	1	0.00	2.89	0
CO26101	CO26083	8.19	2 1-	6ACWC	0	0	417	137	9	1	1	0.00	2.90	0
CO26102	CO26101	8.28	2 1-	6ACWC	0	0	412	136	9	1	1	0.00	2.90	0
CO26068	CO26067	8.75	19 1-	6ACWC	0	0	384	133	130	17	13	0.51	3.40	108
CO26074	CO26068	8.83	3 1-	6ACWC	0	0	380	132	16	2	2	0.00	3.41	0
CO26094	CO26068	8.88	5 1-	6ACWC	0	0	377	132	22	3	2	0.01	3.42	0
CO26095	CO26094	8.93	2 1-	6ACWC	0	0	374	132	1	0	0	0.00	3.42	0
CO26096	CO26095	9.07	1 1-	6ACWC	0	0	367	131	0	0	0	0.00	3.42	0
CO26093	CO26094	8.93	2 1-	6ACWC	0	0	374	132	15	2	2	0.00	3.42	0
CO26087	CO26068	8.91	11 1-	6ACWC	0	0	375	132	91	12	9	0.09	3.49	12
CO26127	CO26087	9.03	0 1-	6ACWC	0	0	369	131	0	0	0	0.00	3.49	0
CO26128	CO26127	9.40	0 1-	6ACWC	0	0	351	129	0	0	0	0.00	3.49	0
CO26071	CO26087	8.99	10 1-	6ACWC	0	0	371	131	83	11	8	0.04	3.53	5
CO26070	CO26071	9.61	4 1-	6ACWC	0	0	341	127	36	4	4	0.14	3.66	8
CO26075	CO26070	9.68	1 1-	6ACWC	0	0	338	127	4	0	0	0.00	3.66	0
CO26106	CO26070	9.70	3 1-	6ACWC	0	0	337	127	32	4	3	0.02	3.68	0
CO30377	CO26106	10.07	2 1-	6ACWC	0	0	322	125	29	4	3	0.03	3.71	0
CO28245	CO30377	10.13	1 1-	6ACWC	0	0	320	124	0	0	0	0.00	3.71	0
CO26069	CO26071	9.06	6 1-	6ACWC	0	0	367	131	47	6	5	0.02	3.55	0
CO26086	CO26069	9.22	3 1-	6ACWC	0	0	360	130	21	2	2	0.02	3.56	0
CO26107	CO26086	9.41	2 1-	6ACWC	0	0	350	128	11	1	1	0.01	3.57	0
CO26108	CO26107	9.54	1 1-	6ACWC	0	0	344	128	1	0	0	0.00	3.57	0
CO26100	CO26108	9.68	0 1-	6ACWC	0	0	338	127	0	0	0	0.00	3.57	0
CO26099	CO26108	9.64	1 1-	2ACSR	0	0	341	127	1	0	0	0.00	3.57	0
CO26084	CO26069	9.10	3 1-	6ACWC	0	0	365	131	26	3	3	0.00	3.55	0
CO26085	CO26084	9.16	1 1-	6ACWC	0	0	363	130	8	1	1	0.00	3.55	0
CO26073	CO26104	8.07	2 1-	6ACWC	0	0	425	138	13	1	1	0.01	2.75	0
CO26091	CO26104	8.18	1 1-	6ACWC	0	0	418	137	0	0	0	0.00	2.74	0
CO26092	CO26091	8.25	1 1-	6ACWC	0	0	413	136	0	0	0	0.00	2.74	0
CO26072	CO26105	7.60	2 1-	6ACWC	0	0	459	141	12	1	1	0.00	2.40	0
CO28224	CO28209	6.84	1 1-	6ACWC	0	0	525	147	3	0	0	0.00	1.53	0
CO28223	CO28210	6.69	0 1-	6ACWC	0	0	540	148	0	0	0	0.00	1.35	0
CO28220	CO28239	6.43	1 1-	6ACWC	0	0	568	150	0	0	0	0.00	1.10	0
CO28219	CO28204	5.90	1 1-	6ACWC	0	0	634	155	1	0	0	0.00	0.48	0
CO28283	CO28268	5.58	22 1-	6ACWC	0	0	680	158	191	25	18	0.01	0.11	2
OC866	CO28283	5.58	22 1-	25 H OCR	0	0	680	158	191	25	103	0.00	0.11	0
CO28284	OC866	5.77	22 1-	6ACWC	0	0	651	156	191	25	18	0.22	0.34	68
CO28266	CO28284	5.80	21 1-	6ACWC	0	0	647	156	190	25	18	0.03	0.37	10
CO28231	CO28266	6.00	21 1-	6ACWC	0	0	621	154	190	25	18	0.22	0.59	67
CO28217	CO28231	6.11	1 1-	6ACWC	0	0	606	153	12	1	1	0.00	0.59	0
CO28275	CO28231	6.06	20 1-	6ACWC	0	0	612	154	177	23	17	0.07	0.66	20
CO28276	CO28275	6.14	19 1-	6ACWC	0	0	603	153	170	22	16	0.08	0.74	21
CO28277	CO28276	6.32	19 1-	6ACWC	0	0	581	151	170	22	16	0.18	0.92	50
CO28262	CO28277	6.39	16 1-	6ACWC	0	0	572	151	133	18	13	0.06	0.98	12
CO28263	CO28262	6.53	14 1-	6ACWC	0	0	557	150	123	16	12	0.10	1.08	20
CO28228	CO28263	6.56	4 1-	6ACWC	0	0	554	149	14	1	1	0.00	1.08	0
CO28227	CO28228	6.63	3 1-	2ACSR	0	0	548	149	9	1	1	0.00	1.09	0
CO28254	CO28263	6.57	9 1-	6ACWC	0	0	553	149	90	12	9	0.02	1.10	3
CO28256	CO28254	6.61	1 1-	2ACSR	0	0	549	149	20	2	2	0.00	1.10	0
CO28255	CO28254	6.79	7 1-	6ACWC	0	0	530	147	63	8	6	0.08	1.18	8
CO28229	CO28255	6.92	2 1-	6ACWC	0	0	518	146	32	4	3	0.02	1.21	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28280	CO28229	6.94	2 1-	6ACWC	0	0	515	146	32	4	3	0.00	1.21	0
CO28281	CO28280	7.24	2 1-	6ACWC	0	0	489	144	32	4	3	0.04	1.25	0
CO28272	CO28281	7.25	1 1-	6ACWC	0	0	487	144	13	1	1	0.00	1.25	0
CO28230	CO28272	7.28	1 1-	6ACWC	0	0	484	143	13	1	1	0.00	1.26	0
CO151454372	CO28230	7.32	1 1-	2ACSR	0	0	482	143	13	1	1	0.00	1.26	0
CO-157283989	CO151454372	7.37	1 1-	1/0PRIURD	0	0	479	269	13	1	1	0.00	1.26	0
CO28216	CO28255	6.86	1 1-	6ACWC	0	0	524	147	2	0	0	0.00	1.18	0
CO28215	CO28255	7.07	1 1-	6ACWC	0	0	503	145	3	0	0	0.00	1.19	0
CO28248	CO28255	6.93	3 1-	6ACWC	0	0	516	146	25	3	2	0.02	1.20	0
CO28249	CO28248	6.95	2 1-	6ACWC	0	0	514	146	15	2	1	0.00	1.20	0
CO907513739	CO28249	7.00	1 1-	2ACSR	0	0	511	146	8	1	1	0.00	1.20	0
CO28250	CO28249	7.06	1 1-	6ACWC	0	0	504	145	7	0	1	0.00	1.21	0
CO28253	CO28263	6.65	1 1-	6ACWC	0	0	545	149	19	2	2	0.01	1.10	0
CO28252	CO28253	6.69	1 1-	6ACWC	0	0	540	148	19	2	2	0.00	1.10	0
CO28251	CO28277	6.37	3 1-	6ACWC	0	0	575	151	37	4	4	0.01	0.93	0
CO28270	CO28251	6.46	3 1-	6ACWC	0	0	565	150	37	4	4	0.02	0.95	0
CO28271	CO28270	6.55	2 1-	6ACWC	0	0	555	149	24	3	2	0.01	0.95	0
CO28232	CO28212	5.62	6 1-	6ACWC	0	0	674	158	40	5	4	0.05	5.64	3
CO28233	CO28232	5.65	6 1-	6ACWC	0	0	668	157	40	5	4	0.01	5.65	0
CO28257	CO28233	5.69	4 1-	6ACWC	0	0	663	157	24	3	2	0.00	5.66	0
CO28264	CO28257	5.72	3 1-	6ACWC	0	0	659	157	16	2	2	0.00	5.66	0
CO28265	CO28264	5.75	2 1-	6ACWC	0	0	654	156	12	1	1	0.00	5.66	0
CO28234	CO28233	5.88	2 1-	6ACWC	0	0	637	155	16	2	2	0.02	5.68	0
CO28235	CO28234	6.05	2 1-	6ACWC	0	0	614	154	16	2	2	0.01	5.69	0
CO28236	CO28235	6.10	1 1-	6ACWC	0	0	607	153	6	0	1	0.00	5.69	0
CO28237	CO28236	6.17	1 1-	6ACWC	0	0	599	153	6	0	1	0.00	5.69	0
CO28238	CO28237	6.21	1 1-	6ACWC	0	0	594	152	6	0	1	0.00	5.69	0
CO28226	CO28213	5.38	0 1-	6ACWC	0	0	711	160	0	0	0	0.00	5.37	0
CO28618+	CO28619	3.66	0 1-	4ACSR	0	0	1700	334	0	0	0	0.00	0.27	0
CO28634+	CO30503	3.16	2 1-	4ACSR	0	0	1815	336	0	0	0	0.00	0.24	0
CO28635+	CO28634	3.34	1 1-	4ACSR	0	0	1732	332	0	0	0	0.00	0.24	0
SUB	0 total losses:	\$108,452												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0 OAK RIDGE		1417			2530	2704	2706	354	6625					
CO719616330+	OAK RIDGE	0.00	1417 3-	500 MCM ACSR 30	2529	2703	2705	353	6625	148	22	0.00	0.00	8
CO-1734132280+	CO719616330	0.01	1417 3-	500 MCM ACSR 30	2528	2700	2702	353	6625	148	22	0.00	0.00	16
CO2047314882+	CO-1734132280	0.01	178 3-	336ACSR	2527	2699	2700	353	653	14	3	0.00	0.00	0
Petersville+	CO2047314882	0.01	178 3-	560 200WVE	2527	2699	2700	353	653	14	3	0.00	0.00	0
CO2125450549+	Petersville	0.01	178 3-	336ACSR	2526	2698	2700	353	653	14	3	0.00	0.00	0
CO-82601623+	CO2125450549	0.06	178 3-	2ACSR	2504	2658	2661	353	653	14	8	0.01	0.01	10
CO-553448886+	CO-82601623	0.10	178 3-	2ACSR	2490	2632	2637	352	653	14	8	0.01	0.02	7
CO-718295770+	CO-553448886	0.14	178 3-	2ACSR	2469	2596	2602	351	653	14	8	0.01	0.03	9
CO565453414+	CO-718295770	0.20	178 3-	2ACSR	2443	2553	2559	351	653	14	8	0.01	0.04	12
CO18219+	CO565453414	0.33	1 3-	1/0ACSR	2394	2477	2481	349	10	0	0	0.00	0.04	0
CO18216+	CO565453414	0.21	177 3-	1/0ACSR	2439	2546	2552	350	643	14	6	0.00	0.04	0
CO18218+	CO18216	0.24	176 3-	1/0ACSR	2427	2527	2533	350	636	14	6	0.00	0.05	4
CO18217+	CO18218	0.38	174 3-	1/0ACSR	2373	2444	2446	349	635	14	6	0.02	0.06	16
CO18121+	CO18217	0.55	9 1-	4ACSR	0	0	2322	345	31	2	2	0.01	0.07	0
CO18289+	CO18121	0.58	1 1-	4ACSR	0	0	2297	344	6	0	0	0.00	0.07	0
CO18288+	CO18289	0.67	0 1-	4ACSR	0	0	2236	342	0	0	0	0.00	0.07	0
CO18234+	CO18121	0.64	8 1-	4ACSR	0	0	2256	343	26	1	1	0.00	0.07	0
CO18233+	CO18234	0.66	7 1-	4ACSR	0	0	2240	342	26	1	1	0.00	0.08	0
CO18156+	CO18233	0.78	1 1-	4ACSR	0	0	2162	340	4	0	0	0.00	0.08	0
CO18122+	CO18233	0.76	6 1-	4ACSR	0	0	2173	340	22	1	1	0.00	0.08	0
OC-1134605909+	CO18122	0.76	6 1-	20 N FUSE	0	0	2173	340	22	1	7	0.00	0.08	0
CO18291+	OC-1134605909	0.81	2 1-	4ACSR	0	0	2141	339	11	0	1	0.00	0.08	0
CO18290+	CO18291	0.88	2 1-	4ACSR	0	0	2090	338	11	0	1	0.00	0.08	0
CO18236+	OC-1134605909	1.00	4 1-	4ACSR	0	0	2016	335	11	0	1	0.00	0.08	0
CO18235+	CO18236	1.01	2 1-	4ACSR	0	0	2009	335	5	0	0	0.00	0.08	0
CO18237+	CO18235	1.14	2 1-	4ACSR	0	0	1930	332	5	0	0	0.00	0.08	0
CO18283+	CO18237	1.24	2 1-	4ACSR	0	0	1875	330	5	0	0	0.00	0.08	0
CO18287+	CO18283	1.28	2 1-	4ACSR	0	0	1854	330	5	0	0	0.00	0.08	0
CO18284+	CO18287	1.45	2 1-	4ACSR	0	0	1763	326	5	0	0	0.00	0.09	0
CO18286+	CO18284	1.48	2 1-	4ACSR	0	0	1746	325	5	0	0	0.00	0.09	0
CO18285+	CO18286	1.50	1 1-	4ACSR	0	0	1734	325	2	0	0	0.00	0.09	0
CO18282+	CO18237	1.30	0 1-	4ACSR	0	0	1843	329	0	0	0	0.00	0.08	0
CO30632+	CO18282	1.44	0 1-	4ACSR	0	0	1765	326	0	0	0	0.00	0.08	0
CO30631+	CO18217	0.86	165 3-	1/0ACSR	2198	2200	2181	344	603	13	6	0.06	0.12	52
CO7848+	CO30631	1.01	165 3-	1/0ACSR	2147	2134	2107	342	603	13	6	0.02	0.14	16
CO7857+	CO7848	1.20	9 1-	4ACSR	0	0	1994	338	42	2	2	0.01	0.15	0
CO7856+	CO7857	1.26	8 1-	4ACSR	0	0	1962	337	39	2	2	0.00	0.15	0
CO7922+	CO7856	1.32	6 1-	4ACSR	0	0	1930	336	23	1	1	0.00	0.16	0
CO7920+	CO7922	1.41	3 1-	4ACSR	0	0	1878	334	13	0	1	0.00	0.16	0
CO7921+	CO7920	1.49	1 1-	4ACSR	0	0	1838	332	2	0	0	0.00	0.16	0
CO7806+	CO7856	1.31	1 1-	4ACSR	0	0	1932	336	7	0	0	0.00	0.15	0
CO7850+	CO7848	1.10	155 3-	1/0ACSR	2120	2101	2069	341	560	12	6	0.01	0.15	8
CO7849+	CO7850	1.21	155 3-	1/0ACSR	2085	2058	2020	340	560	12	6	0.01	0.16	10
CO7851+	CO7849	1.27	153 3-	1/0ACSR	2066	2035	1994	339	548	12	5	0.01	0.17	5
CO7855+	CO7851	1.31	152 3-	1/0ACSR	2052	2019	1975	339	544	12	5	0.00	0.17	4
CO7852+	CO7855	1.36	152 3-	1/0ACSR	2036	2000	1953	338	544	12	5	0.01	0.18	5
CO7854+	CO7852	1.39	151 3-	1/0ACSR	2028	1990	1942	338	543	12	5	0.00	0.18	2
CO7853+	CO7854	1.43	150 3-	1/0ACSR	2017	1977	1927	338	534	12	5	0.00	0.19	3
CO7793+	CO7853	1.47	149 3-	1/0ACSR	2003	1961	1908	337	529	12	5	0.00	0.19	4
CO7825+	CO7793	1.53	148 3-	1/0ACSR	1987	1943	1887	337	528	11	5	0.01	0.20	4

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7826+	CO7825	1.59	147 3-	1/0ACSR	1968	1921	1863	336	521	11	5	0.01	0.20	5
CO7923+	CO7826	1.67	4 1-	4ACSR	0	0	1825	335	34	2	2	0.00	0.21	0
CO7925+	CO7923	1.73	4 1-	4ACSR	0	0	1794	333	34	2	2	0.00	0.21	0
CO7926+	CO7925	1.74	3 1-	4ACSR	0	0	1788	333	29	1	1	0.00	0.21	0
CO7924+	CO7926	1.84	1 1-	4ACSR	0	0	1743	331	3	0	0	0.00	0.21	0
CO7821+	CO7925	1.78	1 1-	4ACSR	0	0	1771	332	5	0	0	0.00	0.21	0
CO7859+	CO7826	1.70	141 3-	1/0ACSR	1937	1885	1822	335	484	11	5	0.01	0.21	7
CO7858+	CO7859	1.85	139 3-	1/0ACSR	1896	1839	1769	333	469	10	5	0.01	0.23	10
CO7794+	CO7858	1.91	138 3-	1/0ACSR	1881	1822	1750	333	464	10	5	0.01	0.23	4
CO7866+	CO7794	1.97	136 3-	1/0ACSR	1865	1805	1730	332	462	10	5	0.01	0.24	4
CO7865+	CO7866	2.02	135 3-	1/0ACSR	1851	1789	1712	332	462	10	5	0.01	0.24	4
CO7930+	CO7865	2.07	1 1-	4ACSR	0	0	1690	331	0	0	0	0.00	0.24	0
CO7927+	CO7930	2.22	1 1-	4ACSR	0	0	1626	328	0	0	0	0.00	0.24	0
CO7929+	CO7927	2.32	1 1-	4ACSR	0	0	1588	326	0	0	0	0.00	0.24	0
CO7928+	CO7929	2.39	1 1-	4ACSR	0	0	1562	324	0	0	0	0.00	0.24	0
CO7860+	CO7865	2.07	134 3-	1/0ACSR	1839	1778	1698	331	462	10	5	0.00	0.25	3
CO7864+	CO7860	2.15	134 3-	1/0ACSR	1819	1757	1673	331	462	10	5	0.01	0.26	5
CO7861+	CO7864	2.25	134 3-	1/0ACSR	1793	1729	1641	330	462	10	5	0.01	0.26	7
CO7863+	CO7861	2.31	133 3-	1/0ACSR	1780	1715	1625	329	452	10	4	0.00	0.27	3
CO7862+	CO7863	2.38	132 3-	1/0ACSR	1762	1696	1603	328	449	10	4	0.01	0.28	4
CO7937+	CO7862	2.39	77 1-	6ACWC	0	0	1601	328	290	19	14	0.00	0.28	0
OC210+	CO7937	2.39	77 1-	35 E OCR	0	0	1601	328	290	19	57	0.00	0.28	0
CO7938+	OC210	2.46	77 1-	6ACWC	0	0	1574	327	290	19	14	0.03	0.31	14
CO7867+	CO7938	2.83	77 1-	6ACWC	0	0	1442	320	290	19	14	0.17	0.48	77
AU8	CO7867	2.83	77 1-	167 KVA 1PH AUT	0	0	673	170	290	19	171	1.28	1.75	0
CO7799	AU8	2.91	75 1-	6ACWC	0	0	664	169	278	38	27	0.14	1.90	63
CO7898	CO7799	2.94	75 1-	6ACWC	0	0	660	169	278	38	27	0.06	1.95	26
CO7897	CO7898	3.10	75 1-	6ACWC	0	0	644	167	278	38	27	0.26	2.22	118
CO7899	CO7897	3.41	75 1-	6ACWC	0	0	613	164	277	38	27	0.53	2.75	239
CO7796	CO7899	3.53	71 1-	4ACSR	0	0	600	162	269	37	27	0.20	2.96	89
CO7939	CO7796	3.54	6 1-	4ACSR	0	0	600	162	8	1	1	0.00	2.96	0
OC206	CO7939	3.54	6 1-	15 H OCR	0	0	600	162	8	1	7	0.00	2.96	0
CO7940	OC206	3.88	6 1-	4ACSR	0	0	567	159	8	1	1	0.02	2.97	0
CO7868	CO7940	4.07	6 1-	4ACSR	0	0	549	157	8	1	1	0.01	2.98	0
CO7869	CO7868	4.17	6 1-	4ACSR	0	0	540	156	8	1	1	0.00	2.99	0
CO8374	CO7869	4.36	6 1-	4ACSR	0	0	524	154	8	1	1	0.01	3.00	0
CO7347	CO8374	4.40	5 1-	4ACSR	0	0	521	154	7	0	1	0.00	3.00	0
CO7348	CO7347	4.48	5 1-	4ACSR	0	0	513	153	7	0	1	0.00	3.00	0
CO7427	CO7348	4.53	4 1-	4ACSR	0	0	509	153	4	0	0	0.00	3.00	0
CO7428	CO7427	4.58	3 1-	4ACSR	0	0	505	152	4	0	0	0.00	3.00	0
CO7410	CO7428	4.60	3 1-	4ACSR	0	0	503	152	4	0	0	0.00	3.00	0
CO7411	CO7410	4.69	2 1-	4ACSR	0	0	497	151	3	0	0	0.00	3.01	0
CO7350	CO7411	4.84	2 1-	4ACSR	0	0	485	150	3	0	0	0.00	3.01	0
CO7349	CO7350	4.92	1 1-	4ACSR	0	0	479	149	3	0	0	0.00	3.01	0
CO8364	CO7349	5.16	1 1-	4ACSR	0	0	462	147	3	0	0	0.00	3.01	0
CO7112	CO8364	5.21	0 1-	4ACSR	0	0	458	147	0	0	0	0.00	3.01	0
CO7113	CO7112	5.26	0 1-	4ACSR	0	0	455	147	0	0	0	0.00	3.01	0
CO7323	CO8374	4.45	1 1-	2ACSR	0	0	517	154	1	0	0	0.00	3.00	0
CO7815	CO7868	4.14	0 1-	4ACSR	0	0	543	156	0	0	0	0.00	2.98	0
CO7797	CO7796	3.70	63 1-	4ACSR	0	0	584	161	257	35	25	0.28	3.23	115
CO7798	CO7797	3.85	62 1-	2ACSR	0	0	571	160	252	35	19	0.17	3.40	65
CO-1543981962	CO7798	3.88	1 1-	2ACSR	0	0	569	159	2	0	0	0.00	3.40	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23997104	CO7798	4.19	59 1-	2ACSR	0	0	545	157	247	34	19	0.37	3.77	142
CO7943	CO23997104	4.20	51 1-	4ACSR	0	0	544	157	216	30	21	0.01	3.78	3
OC207	CO7943	4.20	51 1-	20 N FUSE	0	0	544	157	216	30	150	0.00	3.78	0
CO7944	OC207	4.27	51 1-	4ACSR	0	0	538	157	216	30	21	0.09	3.87	33
CO7891	CO7944	4.37	50 1-	4ACSR	0	0	529	156	208	29	21	0.14	4.01	47
CO7892	CO7891	4.47	49 1-	4ACSR	0	0	521	155	208	29	21	0.13	4.14	44
CO7890	CO7892	4.50	48 1-	4ACSR	0	0	519	154	205	28	20	0.03	4.17	10
CO7888	CO7890	4.63	48 1-	4ACSR	0	0	508	153	205	28	20	0.17	4.33	55
CO7889	CO7888	4.72	45 1-	4ACSR	0	0	500	152	199	27	20	0.12	4.46	41
CO7932	CO7889	4.79	2 1-	4ACSR	0	0	495	152	19	2	2	0.01	4.46	0
CO7931	CO7932	4.86	1 1-	4ACSR	0	0	490	151	12	1	1	0.00	4.47	0
CO8376	CO7931	4.98	1 1-	4ACSR	0	0	481	150	12	1	1	0.01	4.48	0
CO7379	CO8376	5.08	1 1-	4ACSR	0	0	474	149	12	1	1	0.00	4.48	0
CO7894	CO7889	4.84	43 1-	4ACSR	0	0	492	151	180	25	18	0.13	4.59	38
CO7893	CO7894	4.89	42 1-	4ACSR	0	0	488	151	175	24	18	0.06	4.64	16
CO7896	CO7893	4.96	41 1-	4ACSR	0	0	482	150	173	24	17	0.08	4.72	23
CO7895	CO7896	5.20	38 1-	4ACSR	0	0	465	148	158	22	16	0.24	4.96	62
CO7945	CO7895	5.49	37 1-	4ACSR	0	0	445	146	157	22	16	0.29	5.25	75
CO8375	CO7945	5.58	37 1-	4ACSR	0	0	439	145	157	22	16	0.09	5.34	23
CO7373	CO8375	5.89	37 1-	4ACSR	0	0	420	143	157	22	16	0.32	5.65	83
CO-1763450846	CO7373	6.05	19 1-	2ACSR	0	0	412	142	81	11	6	0.06	5.71	7
OC-88637280	CO-1763450846	6.05	19 1-	15 H OCR	0	0	412	142	81	11	77	0.00	5.71	0
CO781684917	OC-88637280	6.08	0 1-	2ACSR	0	0	411	141	0	0	0	0.00	5.71	0
CO-41078503	OC-88637280	6.18	19 1-	2ACSR	0	0	406	141	81	11	6	0.05	5.76	6
CO-1612884665	CO-41078503	6.35	19 1-	2ACSR	0	0	398	140	81	11	6	0.06	5.82	8
CO-251152504	CO-1612884665	6.48	19 1-	2ACSR	0	0	392	139	81	11	6	0.05	5.87	6
CO-1409394140	CO-251152504	6.55	19 1-	2ACSR	0	0	390	139	81	11	6	0.02	5.89	3
CO1557642705	CO-1409394140	6.60	1 1-	1/0PRIURD	0	0	388	247	6	0	1	0.00	5.89	0
CO-1525207547	CO-1409394140	6.71	18 1-	2ACSR	0	0	383	138	75	10	6	0.05	5.94	7
CO7368	CO-1525207547	6.78	17 1-	4ACSR	0	0	379	138	73	10	7	0.03	5.98	4
CO7369	CO7368	6.84	17 1-	4ACSR	0	0	376	137	73	10	7	0.03	6.01	4
CO7421	CO7369	6.85	17 1-	4ACSR	0	0	376	137	73	10	7	0.00	6.01	0
CO7420	CO7421	6.87	17 1-	4ACSR	0	0	375	137	73	10	7	0.01	6.02	0
CO7370	CO7420	6.91	16 1-	4ACSR	0	0	373	137	73	10	7	0.02	6.04	2
CO7367	CO7370	7.05	16 1-	4ACSR	0	0	366	136	73	10	7	0.06	6.10	8
CO7371	CO7367	7.24	15 1-	4ACSR	0	0	357	134	70	9	7	0.08	6.18	9
CO7372	CO7371	7.29	14 1-	4ACSR	0	0	355	134	63	8	6	0.02	6.20	0
CO1478459136	CO7372	7.33	1 1-	2ACSR	0	0	354	134	6	0	0	0.00	6.20	0
CO7366	CO7372	7.34	12 1-	4ACSR	0	0	353	134	57	8	6	0.02	6.22	0
CO7363	CO7366	7.44	8 1-	4ACSR	0	0	348	133	36	5	4	0.02	6.25	0
CO7364	CO7363	7.72	8 1-	4ACSR	0	0	337	131	36	5	4	0.05	6.30	3
CO7362	CO7364	7.78	7 1-	4ACSR	0	0	334	131	19	2	2	0.01	6.30	0
CO7365	CO7362	7.87	6 1-	4ACSR	0	0	331	130	9	1	1	0.01	6.31	0
OC132552985	CO7365	7.87	6 1-	20 N FUSE	0	0	331	130	9	1	7	0.00	6.31	0
CO7415	OC132552985	7.88	6 1-	4ACSR	0	0	330	130	9	1	1	0.00	6.31	0
CO7430	CO7415	8.06	6 1-	4ACSR	0	0	323	129	9	1	1	0.01	6.32	0
CO7429	CO7430	8.14	1 1-	4ACSR	0	0	320	128	4	0	0	0.00	6.32	0
CO7329	CO7430	8.16	3 1-	4ACSR	0	0	320	128	5	0	1	0.00	6.32	0
CO7426	CO7329	8.34	3 1-	4ACSR	0	0	313	127	5	0	1	0.01	6.33	0
CO7434	CO7426	8.67	3 1-	4ACSR	0	0	301	125	5	0	1	0.01	6.34	0
CO7354	CO7434	8.73	2 1-	4ACSR	0	0	299	125	5	0	1	0.00	6.34	0
CO7318	CO7354	8.84	0 1-	4ACSR	0	0	296	124	0	0	0	0.00	6.34	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8342	CO7354	9.17	2 1-	4ACSR	0	0	285	122	5	0	1	0.01	6.35	0
CO6352	CO8342	9.38	1 1-	4ACSR	0	0	279	121	4	0	0	0.00	6.36	0
CO7319	CO7362	7.83	1 1-	4ACSR	0	0	332	130	10	1	1	0.00	6.30	0
CO7325	CO7366	7.49	3 1-	4ACSR	0	0	346	133	13	1	1	0.01	6.24	0
CO7326	CO7325	7.55	2 1-	4ACSR	0	0	344	132	2	0	0	0.00	6.24	0
CO7320	CO7325	7.54	1 1-	4ACSR	0	0	344	132	11	1	1	0.00	6.24	0
CO7321	CO7366	7.41	1 1-	4ACSR	0	0	350	133	8	1	1	0.00	6.23	0
CO7322	CO-1525207547	6.77	1 1-	2ACSR	0	0	380	138	2	0	0	0.00	5.94	0
CO7309	CO7373	6.08	18 1-	4ACSR	0	0	408	141	75	10	8	0.09	5.75	12
CO7398	CO7309	6.14	12 1-	4ACSR	0	0	405	141	61	8	6	0.02	5.77	2
OC1450221225	CO7398	6.14	11 1-	20 N FUSE	0	0	405	141	59	8	42	0.00	5.77	0
CO8378	OC1450221225	6.29	11 1-	4ACSR	0	0	397	139	59	8	6	0.06	5.83	6
CO7827	CO8378	6.34	11 1-	4ACSR	0	0	394	139	59	8	6	0.02	5.84	0
CO7829	CO7827	6.54	10 1-	4ACSR	0	0	384	138	56	7	6	0.07	5.91	6
CO7828	CO7829	6.61	9 1-	4ACSR	0	0	380	137	48	6	5	0.02	5.93	0
CO7918	CO7828	6.65	2 1-	4ACSR	0	0	378	137	1	0	0	0.00	5.93	0
CO7917	CO7918	6.75	2 1-	4ACSR	0	0	373	136	1	0	0	0.00	5.93	0
CO7847	CO7828	6.94	5 1-	4ACSR	0	0	364	135	42	5	4	0.09	6.02	6
CO7844	CO7847	7.00	5 1-	4ACSR	0	0	361	134	42	5	4	0.02	6.03	0
CO7846	CO7844	7.13	5 1-	4ACSR	0	0	355	133	42	5	4	0.04	6.07	3
CO7845	CO7846	7.20	5 1-	4ACSR	0	0	352	133	42	5	4	0.02	6.09	0
CO7946	CO7845	7.26	3 1-	4ACSR	0	0	349	132	27	3	3	0.01	6.10	0
CO7933	CO7946	7.33	3 1-	4ACSR	0	0	346	132	27	3	3	0.01	6.11	0
CO7805	CO7845	7.23	2 1-	4ACSR	0	0	350	133	14	2	1	0.00	6.09	0
CO7823	CO7805	7.29	1 1-	1/0PRIURD	0	0	349	228	5	0	0	0.00	6.09	0
CO7396	CO7309	6.20	5 1-	4ACSR	0	0	402	140	14	1	1	0.01	5.75	0
CO7397	CO7396	6.31	4 1-	4ACSR	0	0	396	139	5	0	0	0.00	5.76	0
CO7394	CO7397	6.63	4 1-	4ACSR	0	0	379	137	5	0	0	0.01	5.77	0
CO7395	CO7394	6.71	3 1-	4ACSR	0	0	375	136	4	0	0	0.00	5.77	0
CO7327	CO7395	6.73	0 1-	4ACSR	0	0	374	136	0	0	0	0.00	5.77	0
CO7328	CO7327	6.96	0 1-	4ACSR	0	0	363	135	0	0	0	0.00	5.77	0
CO8373	CO7328	7.39	0 1-	4ACSR	0	0	343	132	0	0	0	0.00	5.77	0
CO7313	CO7395	6.80	2 1-	4ACSR	0	0	370	136	0	0	0	0.00	5.77	0
CO7380	CO7309	6.14	1 1-	4ACSR	0	0	405	141	0	0	0	0.00	5.75	0
OC1690233099	CO7380	6.14	1 1-	20 N FUSE	0	0	405	141	0	0	0	0.00	5.75	0
CO7381	OC1690233099	6.21	1 1-	4ACSR	0	0	401	140	0	0	0	0.00	5.75	0
CO7819	CO7893	4.96	1 1-	4ACSR	0	0	483	150	2	0	0	0.00	4.64	0
CO7818	CO7889	4.80	0 1-	4ACSR	0	0	494	152	0	0	0	0.00	4.46	0
CO7941	CO23997104	4.20	8 1-	4ACSR	0	0	544	157	31	4	3	0.00	3.77	0
OC209	CO7941	4.20	8 1-	15 H OCR	0	0	544	157	31	4	28	0.00	3.77	0
CO7942	OC209	4.31	8 1-	4ACSR	0	0	535	156	31	4	3	0.02	3.79	0
CO7870	CO7942	4.48	8 1-	4ACSR	0	0	520	155	31	4	3	0.03	3.82	0
CO7871	CO7870	4.93	6 1-	4ACSR	0	0	484	151	21	2	2	0.06	3.88	0
CO7874	CO7871	5.22	6 1-	4ACSR	0	0	464	148	21	2	2	0.04	3.91	0
CO7873	CO7874	5.31	5 1-	4ACSR	0	0	457	147	21	2	2	0.01	3.93	0
CO7872	CO7873	5.37	5 1-	4ACSR	0	0	453	147	21	2	2	0.01	3.93	0
CO7948	CO7872	5.56	2 1-	4ACSR	0	0	441	145	11	1	1	0.01	3.95	0
CO7878	CO7948	5.74	2 1-	4ACSR	0	0	429	144	11	1	1	0.01	3.96	0
CO7947	CO7878	5.91	0 1-	4ACSR	0	0	418	142	0	0	0	0.00	3.96	0
CO7877	CO7947	6.13	0 1-	4ACSR	0	0	405	141	0	0	0	0.00	3.96	0
CO7875	CO7877	6.23	0 1-	4ACSR	0	0	400	140	0	0	0	0.00	3.96	0
CO7876	CO7875	6.32	0 1-	4ACSR	0	0	395	139	0	0	0	0.00	3.96	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO848925995	CO7878	5.78	1 1-	2ACSR	0	0	427	144	7	0	1	0.00	3.96	0
CO-474374516	CO848925995	5.93	1 1-	2ACSR	0	0	420	143	7	0	1	0.00	3.96	0
CO7801	CO7872	5.46	3 1-	4ACSR	0	0	447	146	10	1	1	0.01	3.94	0
CO7800	CO7801	5.63	3 1-	4ACSR	0	0	436	145	10	1	1	0.01	3.95	0
CO7887	CO7800	5.70	2 1-	4ACSR	0	0	431	144	6	0	1	0.00	3.95	0
CO7886	CO7887	5.76	1 1-	4ACSR	0	0	428	144	1	0	0	0.00	3.95	0
CO7882	CO7886	5.80	1 1-	4ACSR	0	0	425	143	1	0	0	0.00	3.95	0
CO7885	CO7882	5.90	1 1-	4ACSR	0	0	419	142	1	0	0	0.00	3.95	0
CO7883	CO7885	5.95	1 1-	4ACSR	0	0	416	142	1	0	0	0.00	3.95	0
CO7884	CO7883	6.07	1 1-	4ACSR	0	0	409	141	1	0	0	0.00	3.95	0
CO7879	CO7800	5.72	1 1-	4ACSR	0	0	430	144	4	0	0	0.00	3.95	0
CO7881	CO7879	6.00	1 1-	4ACSR	0	0	413	142	4	0	0	0.01	3.96	0
CO7880	CO7881	6.06	1 1-	4ACSR	0	0	409	141	4	0	0	0.00	3.96	0
CO7822	CO7801	5.50	0 1-	4ACSR	0	0	444	146	0	0	0	0.00	3.94	0
CO7817	CO7870	4.51	0 1-	4ACSR	0	0	517	154	0	0	0	0.00	3.82	0
CO7816	CO7797	3.78	1 1-	4ACSR	0	0	576	160	4	0	0	0.00	3.23	0
CO7814	CO7899	3.44	1 1-	4ACSR	0	0	610	163	6	0	1	0.00	2.75	0
CO7820	AU8	2.89	1 1-	6ACWC	0	0	666	169	11	1	1	0.00	1.76	0
CO7813	AU8	2.96	1 1-	4ACSR	0	0	659	168	1	0	0	0.00	1.76	0
CO7795+	CO7862	2.42	53 1-	4ACSR	0	0	1588	327	152	10	7	0.01	0.29	2
CO7936+	CO7795	2.43	53 1-	4ACSR	0	0	1585	327	152	10	7	0.00	0.29	0
OC208+	CO7936	2.43	53 1-	25 E OCR	0	0	1585	327	152	10	41	0.00	0.29	0
XFMR94	OC208	2.43	53 1-	167 KVA 1PH AUT	0	0	683	171	152	10	89	0.63	0.92	0
CO8366	XFMR94	2.50	53 1-	4ACSR	0	0	676	170	152	20	15	0.07	0.99	16
CO7276	CO8366	2.54	48 1-	4ACSR	0	0	671	170	141	19	14	0.04	1.02	8
CO7277	CO7276	2.67	47 1-	4ACSR	0	0	657	168	137	18	13	0.11	1.13	24
CO7267	CO7277	2.76	45 1-	4ACSR	0	0	648	167	124	16	12	0.07	1.20	13
CO7274	CO7267	2.84	43 1-	4ACSR	0	0	640	166	121	16	12	0.06	1.26	11
CO7275	CO7274	2.86	42 1-	4ACSR	0	0	637	166	121	16	12	0.02	1.28	4
CO7227	CO7275	3.02	1 1-	4ACSR	0	0	622	165	0	0	0	0.00	1.28	0
CO7215	CO7275	2.92	41 1-	4ACSR	0	0	631	166	121	16	12	0.04	1.32	9
CO7265	CO7215	3.14	3 1-	4ACSR	0	0	609	163	10	1	1	0.01	1.33	0
CO7266	CO7265	3.23	2 1-	4ACSR	0	0	599	162	4	0	0	0.00	1.33	0
CO7271	CO7266	3.28	2 1-	4ACSR	0	0	595	162	4	0	0	0.00	1.33	0
CO7272	CO7271	3.39	1 1-	4ACSR	0	0	585	161	1	0	0	0.00	1.33	0
CO7273	CO7272	3.41	1 1-	4ACSR	0	0	582	161	1	0	0	0.00	1.33	0
CO30633	CO7273	3.53	1 1-	4ACSR	0	0	571	159	1	0	0	0.00	1.33	0
CO17878	CO30633	3.56	0 1-	4ACSR	0	0	568	159	0	0	0	0.00	1.33	0
CO7228	CO7266	3.33	0 1-	4ACSR	0	0	590	161	0	0	0	0.00	1.33	0
CO7263	CO7215	3.18	36 1-	4ACSR	0	0	605	163	108	14	11	0.17	1.49	29
OC1925326286	CO7263	3.18	36 1-	20 N FUSE	0	0	605	163	108	14	74	0.00	1.49	0
CO7264	OC1925326286	3.33	36 1-	4ACSR	0	0	590	161	108	14	11	0.10	1.59	17
CO7262	CO7264	3.40	35 1-	4ACSR	0	0	583	161	104	14	10	0.05	1.64	8
CO7261	CO7262	3.54	34 1-	4ACSR	0	0	570	159	100	13	10	0.08	1.72	13
CO7299	CO7261	3.64	2 1-	4ACSR	0	0	561	158	2	0	0	0.00	1.72	0
CO7300	CO7299	3.74	1 1-	4ACSR	0	0	551	157	2	0	0	0.00	1.72	0
CO7230	CO7299	3.77	0 1-	4ACSR	0	0	549	157	0	0	0	0.00	1.72	0
CO7269	CO7261	3.65	31 1-	4ACSR	0	0	560	158	93	12	9	0.06	1.78	9
CO-2119693640	CO7269	3.66	1 1-	2ACSR	0	0	558	158	5	0	0	0.00	1.78	0
CO7270	CO7269	3.71	29 1-	4ACSR	0	0	554	158	85	11	8	0.03	1.82	5
CO614878801	CO7270	3.75	28 1-	2ACSR	0	0	551	157	84	11	6	0.02	1.83	0
CO1592662183	CO614878801	3.82	1 1-	2ACSR	0	0	546	157	9	1	1	0.00	1.83	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-1527876602	CO614878801	3.81	27 1-	2ACSR	0	0	546	157	74	10	6	0.02	1.85	2
CO30635	CO-1527876602	4.10	26 1-	4ACSR	0	0	521	154	64	8	6	0.12	1.97	12
CO17933	CO30635	4.20	1 1-	4ACSR	0	0	513	153	2	0	0	0.00	1.97	0
CO17932	CO17933	4.42	1 1-	4ACSR	0	0	495	151	2	0	0	0.00	1.97	0
CO17879	CO30635	4.18	25 1-	4ACSR	0	0	514	153	62	8	6	0.03	2.00	3
CO17880	CO17879	4.51	24 1-	4ACSR	0	0	488	151	58	7	6	0.12	2.12	11
CO17881	CO17880	4.57	14 1-	4ACSR	0	0	484	150	44	6	4	0.02	2.13	0
CO17883	CO17881	4.60	14 1-	4ACSR	0	0	481	150	44	6	4	0.01	2.14	0
CO17882	CO17883	4.62	13 1-	4ACSR	0	0	480	150	43	5	4	0.00	2.14	0
CO17837	CO17882	4.93	0 1-	4ACSR	0	0	457	147	0	0	0	0.00	2.14	0
OC-790856815	CO17837	4.93	0 1-	20 N FUSE	0	0	457	147	0	0	0	0.00	2.14	0
CO7259	OC-790856815	5.08	0 1-	4ACSR	0	0	447	146	0	0	0	0.00	2.14	0
CO7260	CO7259	5.43	0 1-	4ACSR	0	0	425	143	0	0	0	0.00	2.14	0
CO17834	CO17882	4.73	13 1-	4ACSR	0	0	472	149	43	5	4	0.03	2.17	0
CO17849	CO17834	4.81	1 1-	4ACSR	0	0	466	148	0	0	0	0.00	2.17	0
CO17835	CO17834	5.00	12 1-	4ACSR	0	0	453	146	43	5	4	0.07	2.25	5
CO17949	CO17835	5.07	8 1-	4ACSR	0	0	448	146	40	5	4	0.02	2.26	0
CO17892	CO17949	5.19	8 1-	4ACSR	0	0	440	145	40	5	4	0.03	2.29	0
CO17893	CO17892	5.29	8 1-	4ACSR	0	0	433	144	40	5	4	0.02	2.32	0
CO17852	CO17893	5.43	1 1-	4ACSR	0	0	425	143	5	0	0	0.00	2.32	0
CO17838	CO17893	5.62	7 1-	4ACSR	0	0	413	141	35	4	3	0.07	2.39	4
CO17936	CO17838	5.68	3 1-	4ACSR	0	0	410	141	7	0	1	0.00	2.39	0
CO17935	CO17936	5.71	2 1-	4ACSR	0	0	408	141	3	0	0	0.00	2.39	0
CO17934	CO17935	5.85	1 1-	4ACSR	0	0	400	140	0	0	0	0.00	2.39	0
CO17895	CO17838	5.72	4 1-	4ACSR	0	0	407	141	28	3	3	0.02	2.41	0
CO17894	CO17895	5.82	3 1-	4ACSR	0	0	402	140	25	3	2	0.02	2.42	0
CO17896	CO17894	5.84	3 1-	4ACSR	0	0	401	140	25	3	2	0.00	2.42	0
CO17853	CO17896	5.95	1 1-	4ACSR	0	0	395	139	8	1	1	0.00	2.43	0
CO17839	CO17896	5.95	2 1-	4ACSR	0	0	394	139	17	2	2	0.01	2.44	0
CO17937	CO17839	6.03	1 1-	4ACSR	0	0	390	138	10	1	1	0.00	2.44	0
CO17938	CO17937	6.06	0 1-	4ACSR	0	0	388	138	0	0	0	0.00	2.44	0
CO17897	CO17839	6.09	1 1-	4ACSR	0	0	387	138	7	0	1	0.00	2.44	0
CO17953	CO17897	6.10	0 1-	4ACSR	0	0	386	138	0	0	0	0.00	2.44	0
CO17851	CO17835	5.06	2 1-	4ACSR	0	0	449	146	3	0	0	0.00	2.25	0
CO1475328904	CO17851	5.14	1 1-	2ACSR	0	0	444	145	0	0	0	0.00	2.25	0
CO17850	CO17835	5.11	2 1-	4ACSR	0	0	446	145	0	0	0	0.00	2.25	0
CO17836	CO17880	4.67	10 1-	4ACSR	0	0	477	149	14	1	1	0.01	2.13	0
OC-1635791643	CO17836	4.67	9 1-	20 N FUSE	0	0	477	149	9	1	6	0.00	2.13	0
CO30546	OC-1635791643	4.80	8 1-	4ACSR	0	0	467	148	4	0	0	0.00	2.13	0
CO17884	CO30546	5.14	7 1-	4ACSR	0	0	443	145	4	0	0	0.01	2.14	0
CO17886	CO17884	5.33	6 1-	4ACSR	0	0	431	144	3	0	0	0.00	2.14	0
CO17888	CO17886	5.37	6 1-	4ACSR	0	0	429	143	3	0	0	0.00	2.14	0
CO17889	CO17888	5.51	5 1-	4ACSR	0	0	420	142	3	0	0	0.00	2.15	0
CO17887	CO17889	5.57	4 1-	4ACSR	0	0	416	142	3	0	0	0.00	2.15	0
CO17885	CO17887	5.69	4 1-	4ACSR	0	0	409	141	3	0	0	0.00	2.15	0
CO17891	CO17885	5.73	4 1-	4ACSR	0	0	407	141	3	0	0	0.00	2.15	0
CO17890	CO17891	5.87	2 1-	4ACSR	0	0	399	139	0	0	0	0.00	2.15	0
CO17847	CO17884	5.19	1 1-	4ACSR	0	0	440	145	0	0	0	0.00	2.14	0
CO17848	OC-1635791643	4.74	1 1-	4ACSR	0	0	471	149	4	0	0	0.00	2.13	0
CO30634	CO-1527876602	3.89	1 1-	4ACSR	0	0	539	156	10	1	1	0.00	1.85	0
CO7229	CO7261	3.61	1 1-	4ACSR	0	0	563	159	5	0	0	0.00	1.72	0
CO7226	CO7277	2.73	1 1-	4ACSR	0	0	651	168	9	1	1	0.00	1.13	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7216	CO8366	2.60	4 1-	4ACSR	0	0	665	169	8	1	1	0.01	0.99	0
CO7278	CO7216	2.64	1 1-	4ACSR	0	0	660	169	0	0	0	0.00	0.99	0
CO7279	CO7278	2.77	0 1-	4ACSR	0	0	647	167	0	0	0	0.00	0.99	0
CO7225	CO7216	2.69	1 1-	4ACSR	0	0	656	168	6	0	1	0.00	0.99	0
CO7224	CO7216	2.65	1 1-	4ACSR	0	0	660	168	3	0	0	0.00	0.99	0
CO8367	CO7216	2.68	1 1-	4ACSR	0	0	656	168	0	0	0	0.00	0.99	0
CO7812+	CO7794	1.93	2 1-	4ACSR	0	0	1738	332	1	0	0	0.00	0.23	0
CO7809+	CO7858	1.88	1 1-	4ACSR	0	0	1758	333	5	0	0	0.00	0.23	0
CO7808+	CO7826	1.63	1 1-	4ACSR	0	0	1844	335	3	0	0	0.00	0.20	0
CO7824+	CO7825	1.58	0 1-	2ACSR	0	0	1863	336	0	0	0	0.00	0.20	0
CO7810+	CO7793	1.50	1 1-	4ACSR	0	0	1896	337	1	0	0	0.00	0.19	0
CO7811+	CO7853	1.44	1 1-	4ACSR	0	0	1919	337	6	0	0	0.00	0.19	0
CO7807+	CO7849	1.28	1 1-	4ACSR	0	0	1976	338	2	0	0	0.00	0.16	0
CO200680386+	CO-1734132280	0.01	923 3-	336ACSR	2526	2698	2700	353	4536	101	20	0.00	0.00	7
Mud Lick+	CO200680386	0.01	923 3-	560 200WVE	2526	2698	2700	353	4536	101	18	0.00	0.00	0
CO-1354414182+	Mud Lick	0.01	923 3-	336ACSR	2526	2697	2699	353	4536	101	20	0.00	0.01	3
CO-1784601950+	CO-1354414182	0.03	923 3-	336ACSR	2520	2687	2688	353	4535	101	20	0.01	0.01	37
CO-1713277328+	CO-1784601950	0.06	923 3-	336ACSR	2511	2672	2673	353	4535	101	20	0.01	0.02	55
OC-1200071603+	CO-1713277328	0.06	923 3-	20 N FUSE	2511	2672	2673	353	4535	101	508	0.00	0.02	0
CO-1976254140+	OC-1200071603	0.11	923 3-	336ACSR	2499	2652	2652	353	4535	101	20	0.01	0.04	76
CO724499187+	CO-1976254140	0.18	923 3-	336ACSR	2477	2616	2615	353	4535	101	20	0.02	0.06	135
CO-1310199621+	CO724499187	0.27	923 3-	336ACSR	2450	2572	2569	352	4534	101	20	0.03	0.09	174
CO-1768607243+	CO-1310199621	0.33	921 3-	336ACSR	2433	2546	2541	352	4519	101	20	0.02	0.11	109
CO1806433458+	CO-1768607243	0.43	921 3-	336ACSR	2408	2506	2498	352	4518	101	20	0.03	0.14	169
CO46310294+	CO1806433458	0.49	921 3-	336ACSR	2389	2477	2467	351	4518	101	20	0.02	0.16	125
CO-239871501+	CO46310294	0.64	921 3-	336ACSR	2350	2418	2403	351	4517	101	20	0.05	0.21	272
CO18154+	CO-239871501	0.68	2 1-	4ACSR	0	0	2377	350	9	0	0	0.00	0.21	0
CO18270+	CO-239871501	0.70	5 1-	4ACSR	0	0	2367	349	51	3	2	0.00	0.22	0
CO18269+	CO18270	0.74	4 1-	4ACSR	0	0	2337	348	40	2	2	0.00	0.22	0
CO18271+	CO18269	0.79	3 1-	4ACSR	0	0	2306	347	25	1	1	0.00	0.22	0
CO18277+	CO18271	0.83	1 1-	4ACSR	0	0	2276	346	19	1	1	0.00	0.22	0
CO18276+	CO18277	0.89	1 1-	4ACSR	0	0	2239	345	19	1	1	0.00	0.22	0
CO-483211641+	CO-239871501	0.69	914 3-	336ACSR	2338	2400	2384	350	4456	99	19	0.01	0.23	81
CO18120+	CO-483211641	0.77	28 1-	4ACSR	0	0	2331	349	144	9	7	0.02	0.24	4
CO18227+	CO18120	0.82	19 1-	4ACSR	0	0	2293	347	109	7	5	0.01	0.25	0
CO18226+	CO18227	0.91	17 1-	4ACSR	0	0	2239	346	85	5	4	0.01	0.26	0
CO18228+	CO18226	0.97	16 1-	4ACSR	0	0	2197	344	79	5	4	0.01	0.27	0
CO18281+	CO18228	1.00	6 1-	4ACSR	0	0	2176	343	29	1	1	0.00	0.27	0
CO18280+	CO18281	1.07	4 1-	4ACSR	0	0	2136	342	26	1	1	0.00	0.27	0
CO18278+	CO18280	1.12	1 1-	4ACSR	0	0	2101	341	7	0	0	0.00	0.27	0
CO18279+	CO18278	1.19	1 1-	4ACSR	0	0	2059	339	7	0	0	0.00	0.27	0
CO-1808754664+	CO18278	1.04	1 1-	4ACSR	0	0	2152	343	3	0	0	0.00	0.27	0
CO18232+	CO18228	1.04	8 1-	4ACSR	0	0	2151	343	45	3	2	0.00	0.27	0
CO18231+	CO18232	1.15	6 1-	4ACSR	0	0	2085	340	19	1	1	0.00	0.28	0
CO18155+	CO18231	1.21	1 1-	4ACSR	0	0	2046	339	5	0	0	0.00	0.28	0
CO18230+	CO18231	1.25	4 1-	4ACSR	0	0	2023	338	6	0	0	0.00	0.28	0
CO18229+	CO18230	1.26	2 1-	4ACSR	0	0	2014	338	1	0	0	0.00	0.28	0
CO30630+	CO18229	1.32	1 1-	4ACSR	0	0	1981	337	1	0	0	0.00	0.28	0
CO30629+	CO18229	1.31	1 1-	4ACSR	0	0	1987	337	0	0	0	0.00	0.28	0
CO7919+	CO30629	1.51	1 1-	4ACSR	0	0	1874	333	0	0	0	0.00	0.28	0
CO18225+	CO18120	0.95	8 1-	4ACSR	0	0	2210	345	26	1	1	0.01	0.25	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18224+	CO18225	1.05	8 1-	4ACSR	0	0	2145	342	26	1	1	0.00	0.25	0
CO18223+	CO18224	1.23	7 1-	4ACSR	0	0	2034	339	20	1	1	0.00	0.26	0
CO18308+	CO18223	1.33	5 1-	4ACSR	0	0	1973	336	13	0	1	0.00	0.26	0
CO18161+	CO18308	1.51	4 1-	4ACSR	0	0	1872	333	13	0	1	0.00	0.26	0
CO18125+	CO18161	1.58	2 1-	4ACSR	0	0	1836	331	8	0	0	0.00	0.26	0
CO18163+	CO18161	1.60	2 1-	4ACSR	0	0	1828	331	5	0	0	0.00	0.26	0
CO18162+	CO18163	1.79	0 1-	4ACSR	0	0	1731	327	0	0	0	0.00	0.26	0
CO18164+	CO18162	2.07	0 1-	4ACSR	0	0	1601	321	0	0	0	0.00	0.26	0
CO-1689429597+	CO-483211641	0.78	886 3-	336ACSR	2315	2367	2348	350	4311	96	19	0.03	0.25	149
CO1682207591+	CO-1689429597	0.82	886 3-	336ACSR	2303	2351	2329	350	4311	96	19	0.01	0.27	76
CO-1789048581+	CO1682207591	0.86	885 3-	336ACSR	2295	2339	2316	350	4301	96	19	0.01	0.28	55
CO324043569+	CO-1789048581	0.87	884 3-	336ACSR	2291	2334	2311	350	4301	96	19	0.00	0.28	22
CO-329783954+	CO324043569	0.92	884 3-	2ACSR	2273	2308	2284	349	4301	96	54	0.06	0.34	403
CO-638462304+	CO-329783954	0.97	884 3-	2ACSR	2252	2278	2252	348	4299	96	54	0.07	0.41	478
CO-1229226456+	CO-638462304	1.14	884 3-	2ACSR	2189	2191	2158	345	4296	96	54	0.21	0.62	1453
CO-503896271+	CO-1229226456	1.26	884 3-	2ACSR	2148	2138	2098	344	4290	96	54	0.14	0.76	964
CO43450411+	CO-503896271	1.34	884 3-	2ACSR	2119	2101	2058	343	4285	96	54	0.10	0.86	681
CO-1298887829+	CO43450411	1.43	884 3-	2ACSR	2086	2061	2012	341	4282	96	54	0.12	0.98	793
CO-9887830+	CO-1298887829	1.49	884 3-	2ACSR	2065	2036	1983	340	4278	96	54	0.07	1.05	499
CO18138+	CO-9887830	1.56	884 3-	336ACSR	2051	2019	1963	340	4276	96	19	0.02	1.07	114
FD-1541528997+	CO18138	1.56	884 3-	_DefaultBayEqui	2051	2019	1963	340	4276	96	0	0.00	1.07	0
CO18111+	FD-1541528997	1.69	884 3-	336ACSR	2024	1987	1925	339	4276	96	19	0.04	1.11	222
OC-1541528997+	CO18111	1.69	874 3-	20 N FUSE	2024	1987	1925	339	4247	95	480	0.00	1.11	0
CO18252+	OC-1541528997	1.79	874 3-	336ACSR	2004	1963	1898	339	4247	95	18	0.03	1.14	165
CO18251+	CO18252	1.87	0 1-	4ACSR	0	0	1862	337	0	0	0	0.00	1.14	0
OH119+	CO18252	1.98	874 3-	336ACSR	1968	1921	1849	338	4247	95	18	0.06	1.20	308
CO18139+	OH119	2.04	2 1-	4ACSR	0	0	1822	337	21	1	1	0.00	1.20	0
CO18186+	OH119	2.13	871 3-	336ACSR	1941	1890	1812	337	4224	95	18	0.04	1.25	236
CO18184+	CO18186	2.23	869 3-	336ACSR	1921	1868	1787	337	4209	95	18	0.03	1.28	169
CO18140+	CO18184	2.30	0 1-	4ACSR	0	0	1757	336	0	0	0	0.00	1.28	0
CO18182+	CO18184	2.28	867 3-	336ACSR	1914	1859	1776	337	4204	95	18	0.01	1.29	71
CO18183+	CO18182	2.34	867 3-	336ACSR	1903	1847	1762	337	4204	95	18	0.02	1.31	97
CO18180+	CO18183	2.44	865 3-	336ACSR	1885	1828	1739	336	4199	94	18	0.03	1.34	159
CO18181+	CO18180	2.58	865 3-	336ACSR	1861	1801	1708	336	4198	94	18	0.04	1.38	227
CO18115+	CO18181	2.78	865 3-	336ACSR	1828	1765	1666	335	4197	94	18	0.06	1.44	317
CO18145+	CO18115	2.81	3 1-	4ACSR	0	0	1653	334	15	1	1	0.00	1.44	0
OC1768367030+	CO18145	2.81	0 1-	20 N FUSE	0	0	1653	334	0	0	0	0.00	1.44	0
CO18109+	CO18115	2.85	862 3-	336ACSR	1816	1751	1650	334	4181	94	18	0.02	1.47	124
CO18108+	CO18109	2.96	860 3-	336ACSR	1799	1732	1629	334	4167	94	18	0.03	1.50	166
CO241435665+	CO18108	3.09	860 3-	336ACSR	1778	1710	1603	333	4166	94	18	0.04	1.54	209
CO18142+	CO241435665	3.12	1 1-	4ACSR	0	0	1594	333	2	0	0	0.00	1.54	0
CO1197239777+	CO241435665	3.16	859 3-	336ACSR	1767	1698	1589	333	4163	94	18	0.02	1.56	113
CO1892517991+	CO1197239777	3.23	853 3-	336ACSR	1757	1687	1577	333	4143	93	18	0.02	1.58	104
CO18107+	CO1892517991	3.25	0 1-	4ACSR	0	0	1568	332	0	0	0	0.00	1.58	0
CO18257+	CO1892517991	3.29	1 1-	4ACSR	0	0	1556	331	5	0	0	0.00	1.58	0
CO-851859443+	CO1892517991	3.29	852 3-	2ACSR	1741	1670	1557	332	4137	93	52	0.08	1.66	513
CO-404122802+	CO-851859443	3.42	852 3-	2ACSR	1708	1636	1519	330	4135	93	52	0.16	1.81	1045
CO18114+	CO-404122802	3.55	1 1-	4ACSR	0	0	1477	327	9	0	0	0.00	1.81	0
CO18106+	CO18114	3.63	1 1-	4ACSR	0	0	1452	326	9	0	0	0.00	1.81	0
CO18133+	CO18106	3.68	1 1-	4ACSR	0	0	1434	325	9	0	0	0.00	1.82	0
CO18260+	CO-404122802	3.45	1 1-	4ACSR	0	0	1510	329	0	0	0	0.00	1.81	0
CO18259+	CO18260	3.66	0 1-	4ACSR	0	0	1443	325	0	0	0	0.00	1.81	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-70064061+	CO-404122802	3.47	850 3-	2ACSR	1697	1626	1507	329	4121	93	52	0.05	1.86	337
CO1649804364+	CO-70064061	3.60	850 3-	2ACSR	1665	1593	1470	327	4119	93	52	0.16	2.02	1055
CO-286401003+	CO1649804364	3.67	850 3-	2ACSR	1648	1575	1450	326	4114	93	52	0.09	2.11	574
CO18387+	CO-286401003	3.74	0 1-	4ACSR	0	0	1428	325	0	0	0	0.00	2.11	0
CO18383+	CO-286401003	3.70	0 1-	4ACSR	0	0	1441	326	0	0	0	0.00	2.11	0
CO-558638009+	CO-286401003	3.73	850 3-	2ACSR	1634	1562	1435	326	4112	93	52	0.07	2.18	459
CO-1615577303+	CO-558638009	3.84	850 3-	2ACSR	1608	1536	1406	324	4110	93	52	0.13	2.31	894
CO1541617009+	CO-1615577303	3.98	850 3-	2ACSR	1577	1505	1372	322	4105	93	52	0.16	2.47	1085
CO1893120864+	CO1541617009	4.01	850 3-	2ACSR	1569	1497	1363	322	4100	93	52	0.04	2.52	288
CO18460+	CO1893120864	4.09	3 1-	4ACSR	0	0	1342	320	15	1	1	0.00	2.52	0
CO155138717+	CO18460	4.22	1 1-	2ACSR	0	0	1312	318	11	0	0	0.00	2.52	0
CO1515841205+	CO155138717	4.31	1 1-	2ACSR	0	0	1291	317	11	0	0	0.00	2.52	0
CO-1459248121+	CO1893120864	4.08	847 3-	2ACSR	1555	1484	1348	321	4084	93	52	0.07	2.59	493
CO18384+	CO-1459248121	4.11	1 1-	4ACSR	0	0	1338	320	11	0	1	0.00	2.59	0
CO-430083823+	CO-1459248121	4.12	846 3-	2ACSR	1544	1473	1337	320	4070	92	52	0.06	2.65	384
CO-30654345+	CO-430083823	4.16	846 3-	2ACSR	1536	1466	1329	320	4068	92	52	0.04	2.69	275
CO951984323+	CO-30654345	4.20	846 3-	2ACSR	1527	1456	1318	319	4067	92	52	0.05	2.74	355
CO-797102952+	CO951984323	4.31	846 3-	2ACSR	1504	1434	1294	318	4065	92	52	0.13	2.87	845
CO438456954+	CO-797102952	4.44	846 3-	2ACSR	1477	1408	1266	316	4061	92	52	0.15	3.02	1025
CO18453+	CO438456954	4.48	2 1-	4ACSR	0	0	1256	315	10	0	0	0.00	3.02	0
CO18555+	CO18453	4.55	1 1-	4ACSR	0	0	1240	314	2	0	0	0.00	3.02	0
CO18556+	CO18555	4.60	0 1-	4ACSR	0	0	1228	313	0	0	0	0.00	3.02	0
CO18454+	CO18556	4.65	0 1-	4ACSR	0	0	1214	312	0	0	0	0.00	3.02	0
CO-1649798379+	CO438456954	4.59	844 3-	2ACSR	1447	1380	1235	314	4047	92	51	0.17	3.20	1148
CO-1747516234+	CO-1649798379	4.63	844 3-	2ACSR	1439	1372	1227	313	4041	92	51	0.05	3.25	322
CO1974357713+	CO-1747516234	4.74	844 3-	2ACSR	1418	1352	1206	312	4040	92	51	0.13	3.37	844
CO18558+	CO1974357713	4.76	844 3-	4ACSR	1412	1346	1200	311	4036	92	66	0.05	3.42	314
CO18557+	CO18558	4.80	840 3-	4ACSR	1404	1339	1192	311	4009	92	66	0.06	3.48	416
CO18483+	CO18557	4.83	728 3-	1/0ACSR	1399	1334	1186	311	3532	80	35	0.02	3.50	124
CO18564+	CO18483	4.86	727 3-	1/0ACSR	1394	1329	1181	310	3526	80	35	0.02	3.52	120
CO18563+	CO18564	5.05	726 3-	1/0ACSR	1366	1301	1152	309	3519	80	35	0.13	3.65	693
CO18465+	CO18563	5.14	2 1-	4ACSR	0	0	1133	307	8	0	0	0.00	3.65	0
OC1750396712+	CO18465	5.14	2 1-	20 N FUSE	0	0	1133	307	8	0	3	0.00	3.65	0
CO18466+	OC1750396712	5.22	1 1-	4ACSR	0	0	1116	306	3	0	0	0.00	3.65	0
CO18374+	OC1750396712	5.24	1 1-	4ACSR	0	0	1113	305	4	0	0	0.00	3.65	0
CO18544+	CO18563	5.12	720 3-	1/0ACSR	1356	1291	1142	308	3492	80	35	0.05	3.70	249
CO18543+	CO18544	5.18	720 3-	1/0ACSR	1346	1282	1133	307	3491	80	35	0.04	3.74	239
CO18472+	CO18543	5.21	718 3-	1/0ACSR	1341	1278	1128	307	3480	79	35	0.02	3.76	116
FD1333251345+	CO18472	5.21	717 3-	_DefaultBayEqui	1341	1278	1128	307	3469	79	0	0.00	3.76	0
CO18478+	FD1333251345	5.34	717 3-	1/0ACSR	1324	1260	1110	306	3469	79	35	0.08	3.84	455
OC1333251345+	CO18478	5.34	716 3-	20 N FUSE	1324	1260	1110	306	3456	79	397	0.00	3.84	0
CO18477+	OC1333251345	5.38	716 3-	1/0ACSR	1317	1254	1104	306	3456	79	35	0.03	3.87	164
CO18405+	CO18477	5.41	713 3-	1/0ACSR	1314	1251	1100	305	3452	79	35	0.02	3.89	82
CO18599+	CO18405	5.41	5 1-	4ACSR	0	0	1099	305	17	1	1	0.00	3.89	0
CO18598+	CO18599	5.56	5 1-	4ACSR	0	0	1070	303	17	1	1	0.00	3.89	0
CO18545+	CO18598	5.59	5 1-	4ACSR	0	0	1066	302	17	1	1	0.00	3.89	0
CO18353+	CO18545	5.61	1 1-	4ACSR	0	0	1062	302	1	0	0	0.00	3.89	0
CO18318+	CO18353	5.64	3 1-	4ACSR	0	0	1055	301	14	0	1	0.00	3.89	0
CO18547+	CO18318	5.67	2 1-	4ACSR	0	0	1049	301	10	0	0	0.00	3.89	0
CO18546+	CO18547	5.87	2 1-	4ACSR	0	0	1014	297	10	0	0	0.00	3.90	0
CO18403+	CO18546	6.19	1 1-	4ACSR	0	0	960	292	2	0	0	0.00	3.90	0
CO23846+	CO18403	6.39	1 1-	4ACSR	0	0	929	289	2	0	0	0.00	3.90	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18352+	CO18318	5.67	1 1-	4ACSR	0	0	1049	301	4	0	0	0.00	3.89	0
CO18323+	CO18405	5.45	707 3-	4/0ACSR	1309	1246	1095	305	3430	78	23	0.02	3.91	82
CO18592+	CO18323	5.46	41 1-	4ACSR	0	0	1094	305	258	18	13	0.00	3.91	0
OC556+	CO18592	5.46	41 1-	25 L OCR	0	0	1094	305	258	18	74	0.00	3.91	0
CO18593+	OC556	5.49	41 1-	4ACSR	0	0	1089	305	258	18	13	0.01	3.92	5
CO18473+	CO18593	5.51	40 1-	4ACSR	0	0	1085	304	255	18	13	0.01	3.93	4
CO18474+	CO18473	5.53	38 1-	4ACSR	0	0	1079	304	246	17	13	0.01	3.94	5
AU-829774792	CO18474	5.53	37 1-	99 KVA 1PH AUTO	0	0	384	158	244	17	253	2.32	6.26	0
CO18548	AU-829774792	5.61	37 1-	4ACSR	0	0	381	158	244	34	25	0.12	6.38	48
CO18549	CO18548	5.73	36 1-	4ACSR	0	0	377	156	229	32	23	0.18	6.56	70
CO18364	CO18549	5.81	2 1-	4ACSR	0	0	375	156	11	1	1	0.00	6.57	0
CO18324	CO18549	5.79	34 1-	4ACSR	0	0	375	156	218	31	22	0.08	6.64	30
CO18406	CO18324	5.87	32 1-	4ACSR	0	0	373	155	215	30	22	0.11	6.75	38
CO18407	CO18406	5.89	32 1-	4ACSR	0	0	372	155	215	30	22	0.04	6.79	14
CO18565	CO18407	5.99	31 1-	4ACSR	0	0	369	154	212	30	22	0.12	6.91	39
CO18566	CO18565	6.06	28 1-	4ACSR	0	0	366	153	178	25	18	0.08	6.99	23
CO18408	CO18566	6.17	26 1-	4ACSR	0	0	363	152	163	23	17	0.12	7.11	33
CO18409	CO18408	6.33	9 1-	4ACSR	0	0	357	151	79	11	8	0.08	7.18	9
CO18579	CO18409	6.37	8 1-	4ACSR	0	0	356	150	59	8	6	0.01	7.20	0
CO18580	CO18579	6.40	7 1-	4ACSR	0	0	355	150	51	7	5	0.01	7.21	0
CO18410	CO18580	6.49	7 1-	4ACSR	0	0	352	149	51	7	5	0.03	7.24	2
CO18411	CO18410	6.54	7 1-	4ACSR	0	0	350	149	51	7	5	0.02	7.26	0
CO18468	CO18411	6.58	1 1-	2ACSR	0	0	349	149	3	0	0	0.00	7.26	0
CO18467	CO18411	6.62	1 1-	2ACSR	0	0	348	148	7	0	1	0.00	7.26	0
CO18368	CO18411	6.62	1 1-	4ACSR	0	0	348	148	3	0	0	0.00	7.26	0
CO18325	CO18411	6.66	4 1-	4ACSR	0	0	347	148	38	5	4	0.03	7.28	0
CO18412	CO18325	6.71	2 1-	4ACSR	0	0	345	147	12	1	1	0.00	7.29	0
CO18413	CO18412	6.88	2 1-	4ACSR	0	0	340	146	12	1	1	0.01	7.29	0
CO18449	CO18413	6.95	1 1-	4ACSR	0	0	337	145	0	0	0	0.00	7.29	0
CO18450	CO18449	7.02	1 1-	4ACSR	0	0	335	145	0	0	0	0.00	7.29	0
CO18370	CO18325	6.73	1 1-	4ACSR	0	0	344	147	15	2	2	0.00	7.29	0
CO18573	CO18408	6.24	16 1-	4ACSR	0	0	360	152	81	11	8	0.03	7.14	5
CO18574	CO18573	6.30	16 1-	4ACSR	0	0	358	151	81	11	8	0.04	7.18	5
CO18571	CO18574	6.35	1 1-	4ACSR	0	0	357	151	13	1	1	0.00	7.18	0
CO18572	CO18571	6.44	0 1-	4ACSR	0	0	353	150	0	0	0	0.00	7.18	0
CO18326	CO18574	6.45	15 1-	4ACSR	0	0	353	150	68	9	7	0.07	7.24	8
CO18451	CO18326	6.59	1 1-	4ACSR	0	0	349	148	5	0	1	0.00	7.25	0
CO18452	CO18451	6.64	1 1-	4ACSR	0	0	347	148	5	0	1	0.00	7.25	0
CO18414	CO18326	6.55	13 1-	4ACSR	0	0	350	149	63	8	6	0.04	7.28	4
CO18567	CO18414	6.85	13 1-	4ACSR	0	0	340	146	62	8	6	0.11	7.40	11
CO18568	CO18567	6.87	11 1-	4ACSR	0	0	340	146	55	7	6	0.01	7.41	0
CO18419	CO18568	7.00	10 1-	4ACSR	0	0	336	145	41	5	4	0.03	7.44	2
CO18420	CO18419	7.01	10 1-	4ACSR	0	0	335	145	41	5	4	0.00	7.44	0
CO18458	CO18420	7.03	1 1-	4ACSR	0	0	335	145	9	1	1	0.00	7.44	0
CO18601	CO18458	7.09	1 1-	4ACSR	0	0	333	144	9	1	1	0.00	7.45	0
CO18600	CO18420	7.12	9 1-	4ACSR	0	0	332	144	32	4	3	0.02	7.47	0
CO18402	CO18600	7.20	9 1-	4ACSR	0	0	330	143	32	4	3	0.02	7.48	0
CO18439	CO18402	7.24	1 1-	4ACSR	0	0	328	143	0	0	0	0.00	7.48	0
CO18440	CO18439	7.27	1 1-	4ACSR	0	0	327	143	0	0	0	0.00	7.48	0
CO18437	CO18402	7.39	2 1-	4ACSR	0	0	324	142	8	1	1	0.01	7.49	0
CO18438	CO18437	7.45	2 1-	4ACSR	0	0	322	141	8	1	1	0.00	7.49	0
CO18537	CO18402	7.33	6 1-	4ACSR	0	0	326	142	24	3	2	0.02	7.50	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18538	CO18537	7.44	5 1-	4ACSR	0	0	322	141	16	2	2	0.01	7.51	0
CO18445	CO18538	7.45	2 1-	4ACSR	0	0	322	141	0	0	0	0.00	7.51	0
CO18446	CO18445	7.45	1 1-	4ACSR	0	0	322	141	0	0	0	0.00	7.51	0
CO18447	CO18446	7.70	1 1-	4ACSR	0	0	315	139	0	0	0	0.00	7.51	0
CO18441	CO18538	7.51	3 1-	4ACSR	0	0	320	141	16	2	2	0.01	7.52	0
CO18442	CO18441	7.56	2 1-	4ACSR	0	0	319	140	16	2	2	0.01	7.52	0
CO18443	CO18442	7.59	2 1-	4ACSR	0	0	318	140	16	2	2	0.00	7.52	0
CO18444	CO18443	7.61	1 1-	4ACSR	0	0	317	140	2	0	0	0.00	7.52	0
CO18373	CO18568	6.93	0 1-	4ACSR	0	0	338	146	0	0	0	0.00	7.41	0
CO18372	CO18568	6.92	1 1-	4ACSR	0	0	338	146	13	1	1	0.00	7.41	0
CO18371	CO18326	6.68	0 1-	4ACSR	0	0	346	148	0	0	0	0.00	7.24	0
CO18367	CO18407	5.97	1 1-	4ACSR	0	0	369	154	2	0	0	0.00	6.79	0
CO18366	CO18324	5.87	1 1-	4ACSR	0	0	373	155	0	0	0	0.00	6.64	0
CO18365	CO18324	5.86	1 1-	4ACSR	0	0	373	155	3	0	0	0.00	6.64	0
CO18481+	CO18473	5.57	2 1-	2ACSR	0	0	1075	303	9	0	0	0.00	3.93	0
CO18482+	CO18481	5.60	2 1-	2ACSR	0	0	1070	303	9	0	0	0.00	3.93	0
CO18322+	CO18323	5.48	664 3-	4/0ACSR	1306	1243	1092	305	3149	72	21	0.01	3.92	45
CO18361+	CO18322	5.54	1 1-	4ACSR	0	0	1080	304	9	0	0	0.00	3.92	0
CO18360+	CO18322	5.51	2 1-	4ACSR	0	0	1088	305	2	0	0	0.00	3.92	0
CO18321+	CO18322	5.72	660 3-	4/0ACSR	1281	1219	1067	304	3137	72	21	0.08	3.99	352
CO18359+	CO18321	5.93	0 1-	4ACSR	0	0	1029	300	0	0	0	0.00	3.99	0
OC-2134406355+	CO18359	5.93	0 1-	20 N FUSE	0	0	1029	300	0	0	0	0.00	3.99	0
CO18320+	CO18321	5.84	658 3-	4/0ACSR	1269	1206	1054	303	3120	71	21	0.04	4.03	184
CO18358+	CO18320	6.09	3 1-	4ACSR	0	0	1010	299	6	0	0	0.00	4.03	0
OC1711727836+	CO18358	6.09	0 1-	20 N FUSE	0	0	1010	299	0	0	0	0.00	4.03	0
CO-497339426+	CO18320	5.92	655 3-	2ACSR	1256	1195	1042	302	3113	71	40	0.07	4.10	370
CO-2006086148+	CO-497339426	5.98	0 1-	2ACSR	0	0	1034	301	0	0	0	0.00	4.10	0
CO-739286836+	CO-497339426	5.95	655 3-	2ACSR	1252	1191	1039	302	3112	71	40	0.02	4.13	117
CO18550+	CO-739286836	5.99	655 3-	4/0ACSR	1249	1187	1035	301	3111	71	21	0.01	4.14	55
CO18583+	CO18550	5.99	8 1-	6ACWC	0	0	1034	301	45	3	2	0.00	4.14	0
OC551+	CO18583	5.99	8 1-	10 N FUSE	0	0	1034	301	45	3	31	0.00	4.14	0
CO18584+	OC551	6.20	8 1-	6ACWC	0	0	999	298	45	3	2	0.01	4.15	0
CO18469+	CO18584	6.30	7 1-	6ACWC	0	0	982	296	30	2	1	0.00	4.16	0
CO18470+	CO18469	6.43	5 1-	6ACWC	0	0	962	294	23	1	1	0.00	4.16	0
CO18404+	CO18470	6.50	5 1-	6ACWC	0	0	950	293	23	1	1	0.00	4.16	0
CO18463+	CO18404	6.67	3 1-	6ACWC	0	0	924	290	10	0	1	0.00	4.17	0
CO18464+	CO18463	6.71	1 1-	6ACWC	0	0	919	289	2	0	0	0.00	4.17	0
CO18357+	CO18463	6.71	2 1-	6ACWC	0	0	918	289	8	0	0	0.00	4.17	0
CO18356+	CO18404	6.60	1 1-	6ACWC	0	0	936	291	11	0	1	0.00	4.16	0
CO18388+	CO18469	6.33	2 1-	2ACSR	0	0	978	296	7	0	0	0.00	4.16	0
CO18552+	CO18550	6.01	647 3-	4/0ACSR	1247	1185	1033	301	3066	70	21	0.01	4.15	30
CO18554+	CO18552	6.07	647 3-	4/0ACSR	1241	1179	1027	301	3066	70	21	0.02	4.17	93
CO18553+	CO18554	6.21	645 3-	4/0ACSR	1228	1167	1014	300	3058	70	21	0.04	4.21	191
CO18355+	CO18553	6.26	1 1-	4ACSR	0	0	1004	299	0	0	0	0.00	4.21	0
OC-585519646+	CO18355	6.26	0 1-	20 N FUSE	0	0	1004	299	0	0	0	0.00	4.21	0
CO18319+	CO18553	6.28	643 3-	4/0ACSR	1221	1160	1007	300	3053	70	21	0.02	4.23	104
CO23812+	CO18319	6.37	641 3-	4/0ACSR	1213	1152	999	299	3048	70	21	0.03	4.26	120
CO19013+	CO23812	6.45	638 3-	4/0ACSR	1206	1145	992	299	3041	69	21	0.03	4.28	115
CO19012+	CO19013	6.63	638 3-	4/0ACSR	1189	1129	976	298	3041	69	21	0.06	4.34	260
CO18883+	CO19012	6.71	637 3-	4/0ACSR	1183	1123	969	298	3031	69	21	0.02	4.37	104
CO18909+	CO18883	7.03	7 1-	6ACWC	0	0	921	292	21	1	1	0.01	4.38	0
OC1520475103+	CO18909	7.03	7 1-	20 N FUSE	0	0	921	292	21	1	7	0.00	4.38	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO19010+	OC1520475103	7.14	7 1-	6ACWC	0	0	906	290	21	1	1	0.00	4.38	0
CO19011+	CO19010	7.33	5 1-	6ACWC	0	0	880	287	17	1	1	0.00	4.38	0
CO18910+	CO19011	7.48	4 1-	6ACWC	0	0	861	285	17	1	1	0.00	4.39	0
CO18911+	CO18910	7.71	0 1-	6ACWC	0	0	831	281	0	0	0	0.00	4.39	0
CO18912+	CO18911	7.84	0 1-	6ACWC	0	0	816	279	0	0	0	0.00	4.39	0
CO18907+	CO19011	7.48	0 1-	6ACWC	0	0	861	285	0	0	0	0.00	4.38	0
CO18908+	CO18907	8.08	0 1-	6ACWC	0	0	789	276	0	0	0	0.00	4.38	0
CO18882+	CO18883	6.74	630 3-	4/0ACSR	1180	1119	966	297	3010	69	20	0.01	4.38	52
CO18986+	CO18882	6.84	630 3-	4/0ACSR	1171	1111	958	297	3010	69	20	0.03	4.41	135
CO18985+	CO18986	6.90	629 3-	4/0ACSR	1167	1107	953	297	3002	69	20	0.02	4.42	73
CO-1860564231+	CO18985	6.93	627 3-	2ACSR	1161	1102	948	296	2978	68	38	0.03	4.46	166
CO1941927171+	CO-1860564231	7.01	1 1-	2ACSR	0	0	939	295	2	0	0	0.00	4.46	0
CO579321958+	CO-1860564231	7.07	626 3-	2ACSR	1144	1086	933	295	2976	68	38	0.11	4.57	563
CO19028+	CO579321958	7.07	94 3-	6ACWC	1143	1085	932	294	485	11	8	0.00	4.57	0
CO19029+	CO19028	7.09	94 3-	6ACWC	1140	1082	929	294	485	11	8	0.00	4.58	3
CO19030+	CO19029	7.15	93 3-	1/0ACSR	1134	1076	923	294	472	10	5	0.01	4.58	4
CO19031+	CO19030	7.16	93 3-	6ACWC	1132	1075	922	294	472	10	8	0.00	4.58	0
CO18818+	CO19031	7.35	93 3-	6HDCU	1103	1049	896	290	472	10	8	0.04	4.62	33
CO18984+	CO18818	7.47	92 3-	6HDCU	1084	1032	880	288	471	10	8	0.03	4.65	21
CO18983+	CO18984	7.63	92 3-	6HDCU	1061	1011	859	286	471	10	8	0.03	4.68	27
CO18921+	CO18983	7.72	89 3-	6HDCU	1049	1001	849	285	466	10	8	0.02	4.70	14
CO18920+	CO18921	7.79	88 3-	6HDCU	1039	992	840	284	456	10	8	0.01	4.72	11
CO18919+	CO18920	7.85	88 3-	6HDCU	1030	984	833	283	456	10	8	0.01	4.73	10
CO18972+	CO18919	8.03	79 3-	6HDCU	1006	962	812	280	425	9	8	0.03	4.76	26
CO18971+	CO18972	8.06	79 3-	4/0ACSR	1003	960	810	280	425	9	3	0.00	4.76	0
CO18970+	CO18971	8.12	78 3-	4/0ACSR	1000	956	807	279	417	9	3	0.00	4.77	0
CO18976+	CO18970	8.21	78 3-	4/0ACSR	994	951	802	279	417	9	3	0.00	4.77	2
CO18975+	CO18976	8.26	78 3-	4/0ACSR	991	947	798	279	417	9	3	0.00	4.77	0
CO18819+	CO18975	8.31	1 1-	4ACSR	0	0	793	278	9	0	0	0.00	4.77	0
CO19032+	CO18819	8.32	1 1-	4ACSR	0	0	792	278	9	0	0	0.00	4.77	0
SW570-B+	CO19032	8.32	1 1-	Closed	0	0	792	278	9	0	0	0.00	4.77	0
SW570-A+	SW570-B	8.32	1 1-	Closed	0	0	792	278	9	0	0	0.00	4.77	0
CO19033+	SW570-A	8.41	1 1-	4ACSR	0	0	783	277	9	0	0	0.00	4.78	0
CO18820+	CO19033	8.59	0 1-	4ACSR	0	0	763	274	0	0	0	0.00	4.78	0
CO18879+	CO18820	8.71	0 1-	4ACSR	0	0	751	272	0	0	0	0.00	4.78	0
CO18836+	CO18820	9.01	0 1-	4ACSR	0	0	721	268	0	0	0	0.00	4.78	0
CO19037+	CO18836	9.02	0 1-	4ACSR	0	0	721	268	0	0	0	0.00	4.78	0
#SW571-A+	CO19037	9.02	0 1-	Open	0	0	721	268	0	0	0	0.00	4.78	0
CO18851+	CO19033	8.52	1 1-	4ACSR	0	0	770	275	9	0	0	0.00	4.78	0
CO18918+	CO18975	8.38	77 3-	4/0ACSR	984	940	791	278	408	9	3	0.01	4.78	3
CO18917+	CO18918	8.43	77 3-	4/0ACSR	981	938	789	278	408	9	3	0.00	4.78	0
CO18914+	CO18917	8.48	76 3-	4/0ACSR	978	935	786	278	403	9	3	0.00	4.78	0
CO18916+	CO18914	8.54	76 3-	4/0ACSR	975	931	783	277	403	9	3	0.00	4.79	0
CO18915+	CO18916	8.57	76 3-	4/0ACSR	973	929	781	277	403	9	3	0.00	4.79	0
CO18845+	CO18915	8.61	2 1-	4ACSR	0	0	777	277	3	0	0	0.00	4.79	0
CO519109185+	CO18845	8.65	1 1-	2ACSR	0	0	773	276	0	0	0	0.00	4.79	0
CO-70866876+	CO519109185	8.73	1 1-	2ACSR	0	0	767	275	0	0	0	0.00	4.79	0
CO18927+	CO18915	8.61	74 3-	4/0ACSR	970	927	779	277	399	9	3	0.00	4.79	0
CO18926+	CO18927	8.63	74 3-	4/0ACSR	969	926	777	277	399	9	3	0.00	4.79	0
CO18942+	CO18926	8.76	73 3-	4/0ACSR	962	918	770	276	399	9	3	0.01	4.80	3
CO18943+	CO18942	8.82	73 3-	4/0ACSR	958	915	767	276	399	9	3	0.00	4.80	0
CO18944+	CO18943	8.88	2 1-	4ACSR	0	0	761	275	5	0	0	0.00	4.80	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18945+	CO18944	8.94	2 1-	4ACSR	0	0	755	274	5	0	0	0.00	4.80	0
CO18937+	CO18943	8.99	71 3-	4/0ACSR	949	906	758	275	394	9	3	0.01	4.81	4
CO18936+	CO18937	9.05	71 3-	4/0ACSR	946	903	755	275	394	9	3	0.00	4.81	0
CO18853+	CO18936	9.13	1 1-	4ACSR	0	0	747	274	3	0	0	0.00	4.81	0
CO18852+	CO18936	9.11	1 1-	4ACSR	0	0	750	274	9	0	0	0.00	4.81	0
CO18939+	CO18936	9.14	4 1-	4ACSR	0	0	746	274	13	0	1	0.00	4.81	0
CO18940+	CO18939	9.22	3 1-	4ACSR	0	0	739	272	11	0	1	0.00	4.81	0
CO18938+	CO18940	9.35	2 1-	4ACSR	0	0	726	271	11	0	1	0.00	4.81	0
CO18941+	CO18936	9.11	64 3-	4/0ACSR	942	899	752	275	368	8	3	0.00	4.81	0
CO1840419874+	CO18941	9.20	64 3-	4/0ACSR	937	894	747	274	368	8	3	0.00	4.82	0
CO941266091+	CO1840419874	9.25	1 1-	2ACSR	0	0	744	274	8	0	0	0.00	4.82	0
CO-114222541+	CO1840419874	9.25	1 1-	2ACSR	0	0	744	274	7	0	0	0.00	4.82	0
CO902378932+	CO1840419874	9.25	62 3-	4/0ACSR	934	892	745	274	353	8	2	0.00	4.82	0
CO21428+	CO902378932	9.29	60 3-	4/0ACSR	932	889	743	274	338	7	2	0.00	4.82	0
CO21429+	CO21428	9.37	60 3-	4/0ACSR	928	886	739	273	338	7	2	0.00	4.82	0
CO21493+	CO21429	9.38	60 3-	4/0ACSR	927	885	739	273	338	7	2	0.00	4.82	0
CO21494+	CO21493	9.43	60 3-	4/0ACSR	925	882	736	273	338	7	2	0.00	4.82	0
OC1241396150+	CO21494	9.43	60 3-	35 L OCR	925	882	736	273	338	7	23	0.00	4.82	0
CO21492+	OC1241396150	9.48	60 3-	4/0ACSR	922	879	733	273	338	7	2	0.00	4.83	0
CO1394043038+	CO21492	9.81	42 1-	2ACSR	0	0	710	270	262	18	10	0.09	4.92	39
OC2026768303+	CO1394043038	9.81	42 1-	35 L OCR	0	0	710	270	262	18	53	0.00	4.92	0
OH254+	OC2026768303	9.82	42 1-	2ACSR	0	0	709	269	262	18	10	0.00	4.92	0
CO30549+	OH254	9.94	42 1-	4ACSR	0	0	698	268	262	18	13	0.05	4.98	23
CO18899+	CO30549	9.97	4 1-	4ACSR	0	0	696	267	24	1	1	0.00	4.98	0
CO23767+	CO18899	10.02	3 1-	4ACSR	0	0	692	267	14	1	1	0.00	4.98	0
CO21534+	CO23767	10.14	3 1-	4ACSR	0	0	681	265	14	1	1	0.00	4.98	0
CO1432182210+	CO21534	10.26	1 1-	2ACSR	0	0	674	264	6	0	0	0.00	4.98	0
CO107576208+	CO1432182210	10.31	1 1-	2ACSR	0	0	671	263	6	0	0	0.00	4.98	0
CO18869+	CO30549	9.99	37 1-	4ACSR	0	0	694	267	237	16	12	0.02	4.99	6
CO166337835+	CO18869	10.01	36 1-	2ACSR	0	0	693	267	225	15	9	0.00	5.00	0
CO967454169+	CO166337835	10.06	36 1-	2ACSR	0	0	689	266	225	15	9	0.01	5.01	5
CO18992+	CO967454169	10.09	34 1-	4ACSR	0	0	687	266	210	14	11	0.01	5.02	3
CO18991+	CO18992	10.12	33 1-	4ACSR	0	0	684	266	198	13	10	0.01	5.03	3
CO18994+	CO18991	10.18	31 1-	4ACSR	0	0	679	265	176	12	9	0.02	5.04	5
CO18993+	CO18994	10.23	30 1-	4ACSR	0	0	675	264	168	11	8	0.01	5.06	4
CO-1548548558+	CO18993	10.30	1 1-	2ACSR	0	0	671	263	6	0	0	0.00	5.06	0
CO18953+	CO18993	10.30	28 1-	4ACSR	0	0	670	263	161	11	8	0.02	5.08	4
CO18988+	CO18953	10.42	27 1-	4ACSR	0	0	661	262	150	10	8	0.03	5.10	7
CO18990+	CO18988	10.44	26 1-	4ACSR	0	0	659	261	148	10	7	0.00	5.11	0
CO18989+	CO18990	10.46	25 1-	4ACSR	0	0	657	261	147	10	7	0.01	5.11	0
CO18832+	CO18989	10.53	6 1-	4ACSR	0	0	652	260	34	2	2	0.00	5.12	0
CO18870+	CO18832	10.62	1 1-	4ACSR	0	0	645	259	6	0	0	0.00	5.12	0
CO18833+	CO18832	10.60	5 1-	4ACSR	0	0	646	259	29	2	1	0.00	5.12	0
CO18871+	CO18833	10.69	2 1-	4ACSR	0	0	640	258	4	0	0	0.00	5.12	0
CO23768+	CO18833	10.90	3 1-	4ACSR	0	0	625	255	25	1	1	0.01	5.13	0
CO21450+	CO23768	10.92	2 1-	4ACSR	0	0	623	255	11	0	1	0.00	5.13	0
CO21398+	CO21450	11.04	0 1-	4ACSR	0	0	615	253	0	0	0	0.00	5.13	0
CO21369+	CO21450	10.98	2 1-	4ACSR	0	0	619	254	11	0	1	0.00	5.13	0
CO23769+	CO21369	11.30	2 1-	4ACSR	0	0	598	250	11	0	1	0.01	5.14	0
CO18900+	CO23769	11.33	2 1-	4ACSR	0	0	595	250	11	0	1	0.00	5.14	0
CO18873+	CO18900	11.41	0 1-	4ACSR	0	0	590	249	0	0	0	0.00	5.14	0
CO18872+	CO18900	11.42	2 1-	4ACSR	0	0	590	249	11	0	1	0.00	5.14	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21399+	CO21369	11.13	0 1-	4ACSR	0	0	609	252	0	0	0	0.00	5.13	0
CO18830+	CO18989	10.56	18 1-	4ACSR	0	0	650	260	94	6	5	0.01	5.13	0
CO1133845876+	CO18830	10.69	2 1-	4ACSR	0	0	640	258	9	0	0	0.00	5.13	0
CO1835032348+	CO1133845876	10.81	1 1-	2ACSR	0	0	633	257	7	0	0	0.00	5.13	0
CO-287486899+	CO1133845876	10.78	1 1-	4ACSR	0	0	633	257	1	0	0	0.00	5.13	0
CO18987+	CO-287486899	10.94	1 1-	4ACSR	0	0	622	255	1	0	0	0.00	5.13	0
CO19036+	CO18987	10.97	0 1-	4ACSR	0	0	620	254	0	0	0	0.00	5.13	0
SW571-B+	CO19036	10.97	0 1-	Open	0	0	620	254	0	0	0	0.00	5.13	0
CO18829+	CO18830	10.65	15 1-	4ACSR	0	0	643	258	77	5	4	0.01	5.14	0
CO18866+	CO18829	10.72	1 1-	4ACSR	0	0	637	257	1	0	0	0.00	5.14	0
CO18828+	CO18829	10.82	13 1-	4ACSR	0	0	631	256	64	4	3	0.02	5.15	0
CO18897+	CO18828	10.89	1 1-	4ACSR	0	0	625	255	5	0	0	0.00	5.15	0
CO18898+	CO18897	10.94	1 1-	4ACSR	0	0	621	255	5	0	0	0.00	5.15	0
CO18827+	CO18828	10.84	12 1-	4ACSR	0	0	629	256	59	4	3	0.00	5.16	0
CO18865+	CO18827	10.94	2 1-	4ACSR	0	0	622	255	2	0	0	0.00	5.16	0
CO18864+	CO18827	10.95	0 1-	4ACSR	0	0	621	255	0	0	0	0.00	5.16	0
CO18826+	CO18827	10.96	10 1-	4ACSR	0	0	620	254	56	3	3	0.01	5.17	0
CO18951+	CO18826	11.04	3 1-	4ACSR	0	0	615	253	8	0	0	0.00	5.17	0
CO18952+	CO18951	11.09	1 1-	4ACSR	0	0	611	253	0	0	0	0.00	5.17	0
CO18825+	CO18826	11.02	7 1-	4ACSR	0	0	616	254	49	3	2	0.00	5.17	0
CO19035+	CO18825	11.17	2 1-	4ACSR	0	0	606	252	12	0	1	0.00	5.17	0
OC572+	CO19035	11.17	0 1-	35 H OCR	0	0	606	252	0	0	0	0.00	5.17	0
CO19034+	OC572	11.18	0 1-	4ACSR	0	0	605	252	0	0	0	0.00	5.17	0
CO18863+	CO18825	11.10	3 1-	4ACSR	0	0	611	253	23	1	1	0.00	5.17	0
CO18862+	CO18825	11.07	1 1-	4ACSR	0	0	613	253	9	0	0	0.00	5.17	0
CO18861+	CO18825	11.33	1 1-	4ACSR	0	0	596	250	3	0	0	0.00	5.17	0
CO21497+	CO21492	9.54	18 3-	4/0ACSR	919	877	731	273	76	1	1	0.00	4.83	0
CO21495+	CO21497	9.63	17 3-	4/0ACSR	914	872	726	272	69	1	0	0.00	4.83	0
CO21496+	CO21495	9.67	14 3-	4/0ACSR	912	870	724	272	47	1	0	0.00	4.83	0
CO21491+	CO21496	9.77	13 3-	4/0ACSR	907	865	720	272	43	0	0	0.00	4.83	0
CO21559+	CO21491	9.83	2 1-	2ACSR	0	0	715	271	15	1	1	0.00	4.83	0
CO21558+	CO21559	9.90	1 1-	2ACSR	0	0	710	270	11	0	0	0.00	4.83	0
CO21378+	CO21491	9.83	9 3-	4/0ACSR	904	862	717	271	20	0	0	0.00	4.83	0
CO21358+	CO21378	9.93	9 3-	4/0ACSR	899	857	712	271	20	0	0	0.00	4.83	0
CO21357+	CO21358	10.01	8 3-	4/0ACSR	895	853	709	270	18	0	0	0.00	4.83	0
CO21414+	CO21357	10.05	2 1-	2ACSR	0	0	706	270	1	0	0	0.00	4.83	0
CO21386+	CO21357	10.09	1 1-	4ACSR	0	0	702	269	9	0	0	0.00	4.83	0
CO21380+	CO21357	10.11	5 3-	4/0ACSR	890	848	704	270	8	0	0	0.00	4.83	0
CO21515+	CO21380	10.14	1 3-	1/0ACSR	888	846	702	270	0	0	0	0.00	4.83	0
CO21516+	CO21515	10.24	0 3-	1/0ACSR	882	840	697	269	0	0	0	0.00	4.83	0
CO21514+	CO21516	10.28	0 3-	1/0ACSR	879	837	694	269	0	0	0	0.00	4.83	0
CO21569+	CO21380	10.15	4 1-	6HDCU	0	0	700	269	8	0	0	0.00	4.83	0
CO21571+	CO21569	10.21	3 1-	6HDCU	0	0	696	268	8	0	0	0.00	4.83	0
CO21570+	CO21571	10.26	3 1-	6HDCU	0	0	691	268	8	0	0	0.00	4.83	0
CO21387+	CO21358	9.99	1 1-	4ACSR	0	0	707	270	2	0	0	0.00	4.83	0
CO21520+	CO902378932	9.27	1 1-	4ACSR	0	0	743	274	6	0	0	0.00	4.82	0
CO21519+	CO21520	9.38	1 1-	4ACSR	0	0	733	272	6	0	0	0.00	4.82	0
CO21388+	CO902378932	9.31	1 1-	4ACSR	0	0	739	273	9	0	0	0.00	4.82	0
CO18928+	CO18926	8.64	1 1-	2ACSR	0	0	776	277	0	0	0	0.00	4.79	0
CO18929+	CO18928	8.67	1 1-	2ACSR	0	0	774	277	0	0	0	0.00	4.79	0
CO18844+	CO18917	8.57	1 1-	4ACSR	0	0	774	276	6	0	0	0.00	4.78	0
CO18847+	CO18971	8.11	1 1-	4ACSR	0	0	805	279	8	0	0	0.00	4.76	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18837+	CO18919	7.96	8 1-	4ACSR	0	0	819	281	28	1	1	0.01	4.73	0
OC1245686531+	CO18837	7.96	8 1-	20 N FUSE	0	0	819	281	28	1	10	0.00	4.73	0
CO18815+	OC1245686531	8.11	8 1-	4ACSR	0	0	803	279	28	1	1	0.01	4.74	0
CO18816+	CO18815	8.58	6 1-	6HDCU	0	0	753	272	28	1	1	0.02	4.76	0
CO18849+	CO18816	8.66	2 1-	6HDCU	0	0	745	271	10	0	1	0.00	4.76	0
CO18817+	CO18816	8.67	4 1-	6HDCU	0	0	743	270	18	1	1	0.00	4.76	0
CO18930+	CO18817	8.79	2 1-	6HDCU	0	0	732	269	15	1	1	0.00	4.77	0
CO18931+	CO18930	9.04	2 1-	6HDCU	0	0	709	265	15	1	1	0.01	4.77	0
CO-1734350563+	CO18931	9.30	1 1-	2ACSR	0	0	691	263	5	0	0	0.00	4.77	0
CO18932+	CO18931	9.17	1 1-	6HDCU	0	0	698	264	11	0	1	0.00	4.77	0
CO18848+	CO18817	8.73	1 1-	6HDCU	0	0	738	270	3	0	0	0.00	4.76	0
CO18933+	CO18815	8.17	2 1-	6HDCU	0	0	796	278	0	0	0	0.00	4.74	0
CO18935+	CO18933	8.22	1 1-	6HDCU	0	0	790	277	0	0	0	0.00	4.74	0
CO18934+	CO18933	8.39	1 1-	6HDCU	0	0	772	274	0	0	0	0.00	4.74	0
CO18846+	OC1245686531	8.02	0 1-	6HDCU	0	0	812	280	0	0	0	0.00	4.73	0
CO18850+	CO18818	7.54	1 1-	6HDCU	0	0	871	287	0	0	0	0.00	4.62	0
CO30679+	CO579321958	7.16	532 3-	4/0ACSR	1137	1079	925	294	2488	57	17	0.02	4.59	86
CO18809+	CO30679	7.16	529 3-	4/0ACSR	1136	1078	925	294	2482	57	17	0.00	4.60	6
CA67+	CO18809	7.16	0 3-	Capacitor	1136	1078	925	294	0	-7	0	0.00	4.60	0
CO18808+	CO18809	7.45	528 3-	4/0ACSR	1114	1056	903	293	2479	58	17	0.08	4.68	277
CO18982+	CO18808	7.50	526 3-	4/0ACSR	1110	1052	899	292	2468	58	17	0.02	4.70	54
CO18981+	CO18982	7.52	526 3-	4/0ACSR	1108	1051	898	292	2468	58	17	0.01	4.70	19
CO23809+	CO18981	7.63	1 1-	4ACSR	0	0	883	290	3	0	0	0.00	4.70	0
OC2075182558+	CO23809	7.63	0 1-	20 N FUSE	0	0	883	290	0	0	0	0.00	4.70	0
CO23808+	CO18981	7.61	524 3-	4/0ACSR	1102	1045	892	292	2462	57	17	0.02	4.73	78
CO18430+	CO23808	7.65	2 1-	4ACSR	0	0	886	291	10	0	0	0.00	4.73	0
OC-414779172+	CO18430	7.65	2 1-	20 N FUSE	0	0	886	291	10	0	3	0.00	4.73	0
CO18431+	OC-414779172	7.69	2 1-	4ACSR	0	0	880	290	10	0	0	0.00	4.73	0
CO18582+	CO23808	7.68	521 3-	4/0ACSR	1096	1039	886	291	2445	57	17	0.02	4.75	74
CO18581+	CO18582	7.69	521 3-	4/0ACSR	1096	1038	886	291	2445	57	17	0.00	4.75	6
OC559+	CO18581	7.69	517 3-	70 E OCR	1096	1038	886	291	2424	57	82	0.00	4.75	0
CO18531+	OC559	7.71	517 3-	4/0ACSR	1094	1037	885	291	2424	57	17	0.00	4.76	15
CO18530+	CO18531	7.74	517 3-	4/0ACSR	1092	1035	882	291	2424	57	17	0.01	4.76	29
CO18527+	CO18530	7.75	516 3-	4/0ACSR	1091	1034	881	291	2415	56	17	0.00	4.77	14
CO18526+	CO18527	7.79	513 3-	4/0ACSR	1088	1031	879	291	2409	56	17	0.01	4.78	33
CO18525+	CO18526	7.83	513 3-	4/0ACSR	1086	1029	876	291	2408	56	17	0.01	4.79	37
CO18316+	CO18525	7.86	509 3-	4/0ACSR	1083	1026	874	290	2395	56	17	0.01	4.80	28
CO18524+	CO18316	7.89	504 3-	4/0ACSR	1081	1024	872	290	2356	55	16	0.01	4.81	26
CO18523+	CO18524	7.92	504 3-	4/0ACSR	1079	1022	869	290	2356	55	16	0.01	4.82	33
CO18522+	CO18523	7.97	501 3-	4/0ACSR	1075	1019	866	290	2343	55	16	0.01	4.83	36
CO18521+	CO18522	8.00	496 3-	4/0ACSR	1073	1016	864	290	2308	54	16	0.01	4.84	30
CO18315+	CO18521	8.04	489 3-	4/0ACSR	1070	1014	861	289	2295	54	16	0.01	4.85	31
CO18487+	CO18315	8.05	430 3-	4/0ACSR	1070	1013	861	289	2076	48	14	0.00	4.85	7
CO18486+	CO18487	8.06	430 3-	4/0ACSR	1069	1012	860	289	2076	48	14	0.00	4.85	6
CO18485+	CO18486	8.07	428 3-	4/0ACSR	1068	1012	860	289	2066	48	14	0.00	4.86	6
CO18471+	CO18485	8.13	119 3-	1/0ACSR	1062	1006	854	289	611	14	6	0.01	4.87	8
CO18589+	CO18471	8.14	116 3-	1/0ACSR	1062	1005	853	289	602	14	6	0.00	4.87	0
OCD243+	CO18589	8.14	116 3-	50 E OCR	1062	1005	853	289	602	14	28	0.00	4.87	0
CO18590+	OCD243	8.14	116 3-	1/0ACSR	1061	1005	853	289	602	14	6	0.00	4.87	0
CO18591+	CO18590	8.20	116 3-	1/0ACSR	1056	1000	847	288	602	14	6	0.01	4.87	7
CO18426+	CO18591	8.24	1 1-	4ACSR	0	0	843	288	13	0	1	0.00	4.87	0
CO18427+	CO18426	8.31	1 1-	4ACSR	0	0	834	286	13	0	1	0.00	4.88	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18392+	CO18591	8.26	114 3-	1/0ACSR	1051	995	842	288	587	13	6	0.01	4.88	6
CO18393+	CO18392	8.34	113 3-	1/0ACSR	1044	988	835	287	587	13	6	0.01	4.89	8
CO23806+	CO18393	8.52	1 1-	4ACSR	0	0	815	284	2	0	0	0.00	4.89	0
CO18504+	CO18393	8.35	112 3-	1/0ACSR	1043	987	834	287	585	13	6	0.00	4.89	0
CO18505+	CO18504	8.36	112 3-	1/0ACSR	1042	986	834	287	585	13	6	0.00	4.89	0
CO18506+	CO18505	8.47	112 3-	1/0ACSR	1032	977	824	286	585	13	6	0.01	4.91	12
CO18507+	CO18506	8.81	111 3-	1/0ACSR	1003	949	796	283	584	13	6	0.04	4.95	37
CO18508+	CO18507	8.85	111 3-	1/0ACSR	1000	946	792	282	584	13	6	0.01	4.95	4
CO18509+	CO18508	8.94	109 3-	1/0ACSR	993	939	786	282	579	13	6	0.01	4.96	9
CO23853+	CO18509	8.99	108 3-	1/0ACSR	989	935	782	281	579	13	6	0.01	4.97	6
CO23854+	CO23853	9.08	106 3-	1/0ACSR	982	929	775	281	576	13	6	0.01	4.98	9
CO18806+	CO23854	9.28	103 3-	1/0ACSR	966	913	760	279	568	13	6	0.02	5.00	21
CO18807+	CO18806	9.40	100 3-	1/0ACSR	957	905	751	278	554	13	6	0.01	5.02	11
CO18811+	CO18807	9.47	99 3-	1/0ACSR	951	900	746	277	547	12	6	0.01	5.03	7
CO18979+	CO18811	9.49	8 1-	4ACSR	0	0	744	277	30	2	1	0.00	5.03	0
CO18980+	CO18979	9.52	8 1-	4ACSR	0	0	741	277	30	2	1	0.00	5.03	0
CO30533+	CO18980	9.66	5 1-	4ACSR	0	0	729	275	20	1	1	0.00	5.03	0
CO25839+	CO30533	9.68	1 1-	4ACSR	0	0	726	274	8	0	0	0.00	5.03	0
CO26026+	CO30533	9.70	2 1-	4ACSR	0	0	725	274	3	0	0	0.00	5.03	0
CO26027+	CO26026	9.77	2 1-	4ACSR	0	0	719	273	3	0	0	0.00	5.03	0
CO26028+	CO26027	9.81	1 1-	4ACSR	0	0	715	272	0	0	0	0.00	5.03	0
CO26029+	CO26028	9.89	1 1-	4ACSR	0	0	708	271	0	0	0	0.00	5.03	0
CO30532+	CO18811	9.88	91 3-	1/0ACSR	922	871	718	274	517	12	5	0.04	5.07	34
CO26021+	CO30532	10.00	87 3-	1/0ACSR	914	863	711	273	486	11	5	0.01	5.08	9
CO26022+	CO26021	10.14	18 1-	4ACSR	0	0	699	271	47	3	2	0.01	5.09	0
CO26023+	CO26022	10.17	18 1-	4ACSR	0	0	697	271	47	3	2	0.00	5.09	0
CO26058+	CO26023	10.17	18 1-	4ACSR	0	0	696	271	47	3	2	0.00	5.09	0
OC783+	CO26058	10.17	18 1-	25 H OCR	0	0	696	271	47	3	13	0.00	5.09	0
CO26062+	OC783	10.20	17 1-	4ACSR	0	0	694	270	45	3	2	0.00	5.10	0
CO26063+	CO26062	10.21	16 1-	4ACSR	0	0	694	270	45	3	2	0.00	5.10	0
CO25816+	CO26063	10.24	14 1-	4ACSR	0	0	690	270	34	2	2	0.00	5.10	0
CO30531+	CO25816	10.35	13 1-	4ACSR	0	0	682	268	31	2	2	0.01	5.10	0
CO19024+	CO30531	10.39	13 1-	4ACSR	0	0	678	267	31	2	2	0.00	5.11	0
CO19025+	CO19024	10.42	12 1-	4ACSR	0	0	676	267	25	1	1	0.00	5.11	0
CO18814+	CO19025	10.52	12 1-	4ACSR	0	0	669	266	25	1	1	0.00	5.11	0
CO19026+	CO18814	10.62	3 1-	4ACSR	0	0	660	264	5	0	0	0.00	5.11	0
CO19027+	CO19026	10.65	2 1-	4ACSR	0	0	658	264	5	0	0	0.00	5.11	0
CO139267420+	CO19027	10.72	1 1-	2ACSR	0	0	654	263	0	0	0	0.00	5.11	0
CO1826393484+	CO139267420	10.79	1 1-	2ACSR	0	0	650	263	0	0	0	0.00	5.11	0
CO999283517+	CO139267420	10.96	0 1-	2ACSR	0	0	640	261	0	0	0	0.00	5.11	0
CO18842+	CO19027	10.70	1 1-	4ACSR	0	0	655	263	5	0	0	0.00	5.11	0
CO18886+	CO18814	10.76	9 1-	4ACSR	0	0	650	262	20	1	1	0.01	5.12	0
CO18887+	CO18886	10.82	8 1-	4ACSR	0	0	645	262	16	1	1	0.00	5.12	0
CO18813+	CO18887	11.01	5 1-	4ACSR	0	0	632	259	4	0	0	0.00	5.12	0
CO18812+	CO18813	11.08	4 1-	4ACSR	0	0	627	258	4	0	0	0.00	5.12	0
CO18977+	CO18812	11.28	1 1-	4ACSR	0	0	614	256	0	0	0	0.00	5.12	0
CO18978+	CO18977	11.39	0 1-	4ACSR	0	0	606	254	0	0	0	0.00	5.12	0
CO18961+	CO18812	11.21	2 1-	2ACSR	0	0	620	257	3	0	0	0.00	5.12	0
CO18962+	CO18961	11.27	2 1-	2ACSR	0	0	617	256	3	0	0	0.00	5.12	0
CO18960+	CO18962	11.31	2 1-	2ACSR	0	0	614	256	3	0	0	0.00	5.12	0
CO18843+	CO18813	11.06	1 1-	4ACSR	0	0	628	258	0	0	0	0.00	5.12	0
CO18924+	CO18887	10.87	2 1-	4ACSR	0	0	642	261	12	0	1	0.00	5.12	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18925+	CO18924	10.92	1 1-	4ACSR	0	0	639	260	8	0	0	0.00	5.12	0
CO18888+	CO18925	10.99	1 1-	4ACSR	0	0	633	259	8	0	0	0.00	5.12	0
CO18885+	CO30531	10.39	0 1-	4ACSR	0	0	679	267	0	0	0	0.00	5.10	0
CO25840+	CO25816	10.28	0 1-	4ACSR	0	0	688	269	0	0	0	0.00	5.10	0
CO26036+	CO26063	10.27	2 1-	4ACSR	0	0	688	269	11	0	1	0.00	5.10	0
CO26037+	CO26036	10.29	1 1-	4ACSR	0	0	687	269	1	0	0	0.00	5.10	0
CO26024+	OC783	10.19	1 1-	4ACSR	0	0	695	270	3	0	0	0.00	5.09	0
CO26025+	CO26024	10.21	1 1-	4ACSR	0	0	693	270	3	0	0	0.00	5.09	0
CO26018+	CO26021	10.10	3 1-	4ACSR	0	0	702	272	33	2	2	0.00	5.08	0
CO26019+	CO26018	10.15	1 1-	4ACSR	0	0	698	271	7	0	0	0.00	5.08	0
CO26020+	CO26019	10.19	0 1-	4ACSR	0	0	695	270	0	0	0	0.00	5.08	0
CO26016+	CO26021	10.06	64 3-	1/0ACSR	910	860	707	273	382	9	4	0.00	5.09	3
CO26017+	CO26016	10.16	61 3-	1/0ACSR	903	853	701	272	366	8	4	0.01	5.09	4
CO26014+	CO26017	10.19	60 3-	1/0ACSR	901	851	699	271	358	8	4	0.00	5.10	0
CO26015+	CO26014	10.21	57 3-	1/0ACSR	899	850	697	271	351	8	4	0.00	5.10	0
CO25817+	CO26015	10.41	55 3-	1/0ACSR	886	838	685	270	347	8	4	0.01	5.11	8
CO25818+	CO25817	10.53	51 3-	1/0ACSR	879	831	679	269	337	7	3	0.01	5.12	4
CO26009+	CO25818	10.67	50 3-	1/0ACSR	870	822	671	268	325	7	3	0.01	5.13	5
CO26010+	CO26009	10.69	49 3-	1/0ACSR	869	821	670	268	323	7	3	0.00	5.13	0
CO25819+	CO26010	10.79	40 3-	1/0ACSR	862	815	664	267	290	6	3	0.01	5.14	3
CO-1578607451+	CO25819	10.83	0 1-	2ACSR	0	0	661	266	0	0	0	0.00	5.14	0
CO26054+	CO25819	10.80	39 1-	4ACSR	0	0	663	267	283	20	14	0.00	5.14	0
OC784+	CO26054	10.80	39 1-	25 H OCR	0	0	663	267	283	20	81	0.00	5.14	0
CO26055+	OC784	10.99	39 1-	4ACSR	0	0	649	264	283	20	14	0.09	5.23	41
CO25992+	CO26055	11.01	38 1-	4ACSR	0	0	648	264	280	19	14	0.01	5.24	4
CO25993+	CO25992	11.15	38 1-	4ACSR	0	0	637	262	280	19	14	0.07	5.31	31
CO25994+	CO25993	11.42	38 1-	4ACSR	0	0	618	258	280	19	14	0.12	5.43	58
CO26034+	CO25994	11.47	38 1-	4ACSR	0	0	615	258	280	19	14	0.02	5.45	10
CO26035+	CO26034	11.54	37 1-	4ACSR	0	0	610	257	274	19	14	0.03	5.49	15
CO25995+	CO26035	11.60	37 1-	4ACSR	0	0	607	256	274	19	14	0.02	5.51	11
CO25996+	CO25995	11.63	36 1-	4ACSR	0	0	605	255	263	18	13	0.02	5.52	7
CO25820+	CO25996	11.75	34 1-	4ACSR	0	0	597	254	257	18	13	0.05	5.57	21
CO25999+	CO25820	11.96	6 1-	4ACSR	0	0	584	251	29	2	1	0.01	5.58	0
OC1653268943+	CO25999	11.96	6 1-	20 N FUSE	0	0	584	251	29	2	10	0.00	5.58	0
CO26000+	OC1653268943	12.19	5 1-	4ACSR	0	0	570	249	20	1	1	0.01	5.59	0
CO26001+	CO26000	12.35	2 1-	4ACSR	0	0	561	247	3	0	0	0.00	5.59	0
CO30530+	CO26001	12.55	1 1-	4ACSR	0	0	550	244	3	0	0	0.00	5.59	0
CO18884+	CO30530	12.61	1 1-	4ACSR	0	0	547	244	3	0	0	0.00	5.59	0
CO25846+	CO26000	12.32	3 1-	4ACSR	0	0	563	247	17	1	1	0.00	5.59	0
CO25847+	CO25846	12.39	1 1-	4ACSR	0	0	559	246	0	0	0	0.00	5.59	0
CO25855+	OC1653268943	12.04	1 1-	4ACSR	0	0	579	250	9	0	0	0.00	5.58	0
CO25997+	CO25820	11.86	28 1-	4ACSR	0	0	590	253	228	16	12	0.04	5.62	16
CO25998+	CO25997	11.90	28 1-	4ACSR	0	0	588	252	228	16	12	0.01	5.63	5
CO25857+	CO25998	11.95	27 1-	2ACSR	0	0	585	252	218	15	9	0.01	5.64	4
CO26005+	CO25857	11.96	2 1-	6HDCU	0	0	585	252	9	0	1	0.00	5.64	0
CO26006+	CO26005	11.99	1 1-	6HDCU	0	0	583	251	1	0	0	0.00	5.64	0
CO26004+	CO25857	11.98	24 1-	6HDCU	0	0	584	251	202	14	11	0.01	5.65	3
CO30441+	CO26004	12.02	22 1-	6HDCU	0	0	581	251	165	11	9	0.01	5.66	3
CO28141+	CO30441	12.14	21 1-	4ACSR	0	0	574	249	142	10	7	0.03	5.69	7
CO28140+	CO28141	12.19	20 1-	4ACSR	0	0	571	249	142	10	7	0.01	5.70	3
CO28032+	CO28140	12.28	18 1-	4ACSR	0	0	566	248	138	9	7	0.02	5.72	5
CO28061+	CO28032	12.33	1 1-	4ACSR	0	0	563	247	11	0	1	0.00	5.72	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO28139+	CO28032	12.31	15 1-	4ACSR	0	0	564	247	117	8	6	0.00	5.73	0
CO28138+	CO28139	12.37	15 1-	4ACSR	0	0	561	247	117	8	6	0.01	5.74	2
CO28030+	CO28138	12.56	14 1-	6HDCU	0	0	550	244	116	8	6	0.04	5.78	7
CO28071+	CO28030	12.67	12 1-	6HDCU	0	0	545	243	107	7	6	0.02	5.79	3
CO28072+	CO28071	12.77	11 1-	6HDCU	0	0	539	242	91	6	5	0.01	5.81	0
OC1821249449+	CO28072	12.77	8 1-	20 N FUSE	0	0	539	242	56	4	20	0.00	5.81	0
CO28031+	OC1821249449	12.88	8 1-	6HDCU	0	0	534	241	56	4	3	0.01	5.82	0
CO28090+	CO28031	13.06	0 1-	2ACSR	0	0	526	239	0	0	0	0.00	5.82	0
CO28076+	CO28031	13.23	7 1-	6HDCU	0	0	516	237	53	3	3	0.03	5.85	3
CO28077+	CO28076	13.48	5 1-	6HDCU	0	0	505	234	49	3	3	0.02	5.87	0
CO28069+	CO28077	13.55	1 1-	2ACSR	0	0	502	234	11	0	0	0.00	5.87	0
CO28078+	CO28077	13.67	4 1-	6HDCU	0	0	496	232	38	2	2	0.01	5.88	0
CO28079+	CO28078	13.96	4 1-	6HDCU	0	0	483	229	38	2	2	0.01	5.89	0
CO28080+	CO28079	14.10	3 1-	6HDCU	0	0	477	228	20	1	1	0.00	5.90	0
CO28060+	CO28080	14.19	1 1-	4ACSR	0	0	473	227	6	0	0	0.00	5.90	0
CO28059+	CO28080	14.21	2 1-	4ACSR	0	0	473	227	14	0	1	0.00	5.90	0
CO28081+	CO28059	14.26	1 1-	4ACSR	0	0	471	226	7	0	0	0.00	5.90	0
CO28083+	CO28081	14.28	1 1-	4ACSR	0	0	470	226	7	0	0	0.00	5.90	0
CO28084+	CO28083	14.37	1 1-	4ACSR	0	0	466	225	7	0	0	0.00	5.90	0
CO28082+	CO28084	14.45	1 1-	4ACSR	0	0	463	224	7	0	0	0.00	5.90	0
CO28057+	CO28031	12.95	1 1-	6HDCU	0	0	530	240	2	0	0	0.00	5.82	0
CO28073+	CO28072	12.96	2 1-	4ACSR	0	0	529	240	16	1	1	0.01	5.81	0
CO28074+	CO28073	13.03	2 1-	4ACSR	0	0	526	239	16	1	1	0.00	5.82	0
CO28075+	CO28074	13.31	1 1-	4ACSR	0	0	512	236	5	0	0	0.00	5.82	0
CO28136+	CO28030	12.58	2 1-	4ACSR	0	0	549	244	9	0	0	0.00	5.78	0
CO28137+	CO28136	12.72	2 1-	4ACSR	0	0	542	242	9	0	0	0.00	5.78	0
CO28062+	CO28137	12.79	1 1-	4ACSR	0	0	538	242	9	0	0	0.00	5.78	0
CO28199+	CO28138	12.48	0 1-	6HDCU	0	0	555	245	0	0	0	0.00	5.74	0
CO26002+	CO26004	12.01	2 1-	2ACSR	0	0	582	251	36	2	1	0.00	5.65	0
CO26003+	CO26002	12.14	1 1-	2ACSR	0	0	576	250	17	1	1	0.00	5.65	0
CO25843+	CO25996	11.78	2 1-	4ACSR	0	0	595	254	6	0	0	0.00	5.52	0
CO25854+	CO25995	11.67	1 1-	2ACSR	0	0	603	255	11	0	0	0.00	5.51	0
CO25851+	CO26035	11.60	0 1-	2ACSR	0	0	607	256	0	0	0	0.00	5.49	0
CO25844+	CO25994	11.54	0 1-	4ACSR	0	0	611	257	0	0	0	0.00	5.43	0
CO25845+	CO25992	11.08	0 1-	4ACSR	0	0	642	263	0	0	0	0.00	5.24	0
CO26052+	CO25819	10.83	0 1-	4ACSR	0	0	660	266	0	0	0	0.00	5.14	0
CO26053+	CO26052	10.84	0 1-	4ACSR	0	0	660	266	0	0	0	0.00	5.14	0
CO26007+	CO26010	10.75	7 1-	4ACSR	0	0	664	267	30	2	2	0.00	5.13	0
CO26038+	CO26007	10.78	5 1-	4ACSR	0	0	663	266	11	0	1	0.00	5.13	0
CO26039+	CO26038	10.81	4 1-	4ACSR	0	0	660	266	9	0	0	0.00	5.13	0
CO-408908936+	CO26039	10.88	2 1-	2ACSR	0	0	656	265	6	0	0	0.00	5.14	0
CO26008+	CO26007	10.82	2 1-	4ACSR	0	0	659	266	19	1	1	0.00	5.14	0
CO25848+	CO26008	10.87	1 1-	4ACSR	0	0	656	265	9	0	0	0.00	5.14	0
CO25842+	CO25818	10.56	0 1-	4ACSR	0	0	676	268	0	0	0	0.00	5.12	0
CO26012+	CO25817	10.52	4 1-	4ACSR	0	0	677	268	10	0	1	0.00	5.11	0
CO26013+	CO26012	10.59	2 1-	4ACSR	0	0	671	267	0	0	0	0.00	5.11	0
CO26011+	CO26013	10.67	2 1-	4ACSR	0	0	665	266	0	0	0	0.00	5.11	0
CO25841+	CO26015	10.27	2 1-	4ACSR	0	0	693	271	4	0	0	0.00	5.10	0
CO25850+	CO30532	9.94	1 1-	2ACSR	0	0	714	273	6	0	0	0.00	5.07	0
CO30534+	CO18807	9.56	1 1-	4ACSR	0	0	736	276	7	0	0	0.00	5.02	0
CO18838+	CO18806	9.42	2 1-	4ACSR	0	0	747	277	10	0	1	0.00	5.01	0
CO18922+	CO23854	9.15	2 1-	4ACSR	0	0	767	279	7	0	0	0.00	4.98	0

Substation Power Factor: 0.98

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18923+	CO18922	9.20	1 1-	4ACSR	0	0	762	279	3	0	0	0.00	4.98	0
CO18349+	CO18505	8.37	0 1-	4ACSR	0	0	831	286	0	0	0	0.00	4.89	0
CO18491+	CO18485	8.10	306 3-	4/0ACSR	1066	1010	857	289	1445	34	10	0.01	4.86	10
CO18490+	CO18491	8.12	306 3-	4/0ACSR	1064	1008	856	289	1445	34	10	0.00	4.87	8
CO18424+	CO18490	8.18	2 1-	4ACSR	0	0	849	288	3	0	0	0.00	4.87	0
OC-1196933880+	CO18424	8.18	1 1-	20 N FUSE	0	0	849	288	0	0	0	0.00	4.87	0
CO18425+	OC-1196933880	8.25	1 1-	4ACSR	0	0	840	287	0	0	0	0.00	4.87	0
CO18489+	CO18490	8.17	298 3-	4/0ACSR	1061	1005	853	289	1403	33	10	0.01	4.87	16
CO18488+	CO18489	8.21	298 3-	4/0ACSR	1058	1002	850	289	1402	33	10	0.01	4.88	12
CO18391+	CO18488	8.26	294 3-	4/0ACSR	1055	999	847	288	1374	32	10	0.01	4.89	14
CO18495+	CO18391	8.34	294 3-	4/0ACSR	1049	993	841	288	1374	32	10	0.01	4.90	26
CO18494+	CO18495	8.37	294 3-	4/0ACSR	1047	991	839	288	1374	32	10	0.00	4.91	9
CO18496+	CO18494	8.68	293 3-	4/0ACSR	1027	971	820	286	1366	32	9	0.05	4.96	90
CO18498+	CO18496	8.72	293 3-	4/0ACSR	1024	969	818	286	1366	32	9	0.01	4.97	13
CO18497+	CO18498	8.78	292 3-	4/0ACSR	1020	965	814	286	1365	32	9	0.01	4.98	18
CO18314+	CO18497	8.86	288 3-	4/0ACSR	1015	960	810	285	1361	32	9	0.01	4.99	22
CO18421+	CO18314	9.08	2 1-	4ACSR	0	0	786	282	13	0	1	0.00	4.99	0
OC-1726426451+	CO18421	9.08	1 1-	20 N FUSE	0	0	786	282	0	0	0	0.00	4.99	0
CO18422+	OC-1726426451	9.12	1 1-	4ACSR	0	0	782	281	0	0	0	0.00	4.99	0
CO18502+	CO18314	9.02	285 3-	4/0ACSR	1005	950	800	284	1344	31	9	0.03	5.01	48
CO18501+	CO18502	9.06	285 3-	4/0ACSR	1002	948	798	284	1344	31	9	0.01	5.02	10
CO18313+	CO18501	9.25	283 3-	4/0ACSR	990	936	786	283	1342	31	9	0.03	5.05	57
CO18585+	CO18313	9.26	2 1-	6ACWC	0	0	786	283	2	0	0	0.00	5.05	0
OC552+	CO18585	9.26	2 1-	10 N FUSE	0	0	786	283	2	0	1	0.00	5.05	0
CO18586+	OC552	9.52	2 1-	6ACWC	0	0	760	279	2	0	0	0.00	5.05	0
CO18535+	CO18586	9.80	1 1-	6ACWC	0	0	734	275	0	0	0	0.00	5.05	0
CO18536+	CO18535	9.82	0 1-	6ACWC	0	0	732	275	0	0	0	0.00	5.05	0
CO18503+	CO18313	9.30	281 3-	4/0ACSR	988	934	784	283	1340	31	9	0.01	5.06	12
CO30535+	CO18503	9.64	280 3-	4/0ACSR	967	914	765	281	1339	31	9	0.06	5.12	100
OC983096472+	CO30535	9.64	279 3-	20 N FUSE	967	914	765	281	1338	31	158	0.00	5.12	0
CO25624+	OC983096472	9.71	279 3-	4/0ACSR	963	910	762	281	1338	31	9	0.01	5.13	19
CO25677+	CO25624	9.72	1 1-	4ACSR	0	0	761	281	2	0	0	0.00	5.13	0
OC775+	CO25677	9.72	1 1-	10 N FUSE	0	0	761	281	2	0	1	0.00	5.13	0
CO25678+	OC775	10.07	1 1-	4ACSR	0	0	728	275	2	0	0	0.00	5.13	0
CO25490+	CO25678	10.14	1 1-	4ACSR	0	0	721	274	2	0	0	0.00	5.13	0
CO25444+	CO25678	10.49	0 1-	4ACSR	0	0	692	269	0	0	0	0.00	5.13	0
CO25443+	CO25624	9.90	276 3-	4/0ACSR	952	900	752	280	1330	31	9	0.03	5.16	54
CO25675+	CO25443	9.90	5 1-	4ACSR	0	0	751	280	10	0	1	0.00	5.16	0
OC774+	CO25675	9.90	5 1-	10 N FUSE	0	0	751	280	10	0	7	0.00	5.16	0
CO25676+	OC774	10.01	5 1-	4ACSR	0	0	741	278	10	0	1	0.00	5.16	0
CO25563+	CO25676	10.11	4 1-	4ACSR	0	0	732	277	10	0	1	0.00	5.16	0
CO25562+	CO25563	10.20	4 1-	4ACSR	0	0	724	275	10	0	1	0.00	5.16	0
CO25561+	CO25562	10.41	2 1-	4ACSR	0	0	706	272	2	0	0	0.00	5.16	0
CO25560+	CO25561	10.54	1 1-	4ACSR	0	0	695	270	1	0	0	0.00	5.16	0
CO25645+	CO25443	9.99	271 3-	4/0ACSR	947	895	747	279	1320	31	9	0.01	5.17	26
CO25644+	CO25645	10.02	271 3-	4/0ACSR	946	893	745	279	1319	31	9	0.00	5.18	9
CO25643+	CO25644	10.09	270 3-	4/0ACSR	942	889	742	279	1316	31	9	0.01	5.19	18
CO25663+	CO25643	10.09	3 1-	6ACWC	0	0	742	279	23	1	1	0.00	5.19	0
OC773+	CO25663	10.09	3 1-	10 N FUSE	0	0	742	279	23	1	16	0.00	5.19	0
CO25664+	OC773	10.50	3 1-	6ACWC	0	0	706	273	23	1	1	0.01	5.20	0
CO25564+	CO25664	10.58	2 1-	6ACWC	0	0	699	272	17	1	1	0.00	5.20	0
CO25565+	CO25564	10.67	2 1-	6ACWC	0	0	692	270	17	1	1	0.00	5.20	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25440+	CO25643	10.16	266 3-	4/0ACSR	938	885	738	278	1287	30	9	0.01	5.20	20
CO25479+	CO25440	10.31	2 1-	4ACSR	0	0	725	276	10	0	1	0.00	5.20	0
OC1724680748+	CO25479	10.31	0 1-	20 N FUSE	0	0	725	276	0	0	0	0.00	5.20	0
CO25437+	CO25440	10.33	264 3-	4/0ACSR	929	877	730	278	1277	30	9	0.03	5.22	43
CO25673+	CO25437	10.34	2 1-	6ACWC	0	0	730	278	6	0	0	0.00	5.22	0
OC772+	CO25673	10.34	2 1-	10 N FUSE	0	0	730	278	6	0	4	0.00	5.22	0
CO25674+	OC772	10.44	2 1-	6ACWC	0	0	720	276	6	0	0	0.00	5.22	0
CO25646+	CO25674	10.65	2 1-	6ACWC	0	0	703	273	6	0	0	0.00	5.23	0
CO25647+	CO25646	10.82	1 1-	6ACWC	0	0	689	270	2	0	0	0.00	5.23	0
CO25493+	CO25647	10.97	0 1-	2ACSR	0	0	679	269	0	0	0	0.00	5.23	0
CO25642+	CO25437	10.45	261 3-	4/0ACSR	923	871	725	277	1261	29	9	0.02	5.24	30
CO25641+	CO25642	10.47	260 3-	4/0ACSR	921	869	723	277	1261	29	9	0.00	5.25	6
CO25640+	CO25641	10.50	259 3-	4/0ACSR	920	868	722	277	1251	29	9	0.00	5.25	8
CO25639+	CO25640	10.56	258 3-	4/0ACSR	917	865	719	276	1245	29	9	0.01	5.26	14
CO25638+	CO25639	10.59	256 3-	4/0ACSR	915	863	718	276	1242	29	9	0.01	5.26	9
CO25635+	CO25638	10.62	252 3-	4/0ACSR	913	862	716	276	1226	29	9	0.00	5.27	6
CO25637+	CO25635	10.67	252 3-	4/0ACSR	911	860	714	276	1226	29	9	0.01	5.27	11
CO25636+	CO25637	10.71	250 3-	4/0ACSR	909	858	712	276	1217	28	8	0.01	5.28	10
CO25671+	CO25636	10.71	4 1-	6ACWC	0	0	712	276	14	0	1	0.00	5.28	0
OC771+	CO25671	10.71	4 1-	10 N FUSE	0	0	712	276	14	0	10	0.00	5.28	0
CO25672+	OC771	10.85	4 1-	6ACWC	0	0	700	274	14	0	1	0.00	5.28	0
CO25557+	CO25672	10.91	4 1-	6ACWC	0	0	695	273	14	0	1	0.00	5.28	0
CO25625+	CO25557	11.21	3 1-	6ACWC	0	0	672	269	14	0	1	0.01	5.29	0
CO25626+	CO25625	11.23	2 1-	6ACWC	0	0	670	268	14	0	1	0.00	5.29	0
CO25558+	CO25626	11.36	1 1-	6ACWC	0	0	661	266	7	0	0	0.00	5.29	0
CO25559+	CO25558	11.51	1 1-	6ACWC	0	0	650	264	7	0	0	0.00	5.29	0
CO1605826172+	CO25559	11.77	1 1-	2ACSR	0	0	635	262	7	0	0	0.00	5.30	0
CO25476+	CO25559	11.57	0 1-	4ACSR	0	0	646	264	0	0	0	0.00	5.29	0
CO25475+	CO25626	11.29	1 1-	4ACSR	0	0	666	267	6	0	0	0.00	5.29	0
CO25478+	CO25557	10.99	1 1-	4ACSR	0	0	689	272	0	0	0	0.00	5.28	0
CO25654+	CO25636	10.76	242 3-	4/0ACSR	906	855	710	275	1187	28	8	0.01	5.29	13
CO25653+	CO25654	10.81	242 3-	4/0ACSR	904	852	707	275	1187	28	8	0.01	5.30	11
CO25648+	CO25653	11.09	241 3-	4/0ACSR	890	839	695	274	1185	28	8	0.04	5.33	62
CO25669+	CO25648	11.09	0 1-	4ACSR	0	0	695	274	0	0	0	0.00	5.33	0
OC770+	CO25669	11.09	0 1-	10 N FUSE	0	0	695	274	0	0	0	0.00	5.33	0
CO25670+	OC770	11.60	0 1-	4ACSR	0	0	656	266	0	0	0	0.00	5.33	0
CO25549+	CO25670	11.83	0 1-	4ACSR	0	0	639	263	0	0	0	0.00	5.33	0
CO25649+	CO25648	11.19	1 1-	4ACSR	0	0	687	272	9	0	0	0.00	5.34	0
OC-1643252272+	CO25649	11.19	0 1-	20 N FUSE	0	0	687	272	0	0	0	0.00	5.34	0
CO25650+	OC-1643252272	11.28	0 1-	4ACSR	0	0	680	271	0	0	0	0.00	5.34	0
CO25550+	CO25650	11.32	0 1-	4ACSR	0	0	677	270	0	0	0	0.00	5.34	0
CO25439+	CO25648	11.14	239 3-	4/0ACSR	887	837	693	274	1171	27	8	0.01	5.34	13
CO25551+	CO25439	11.23	2 1-	4ACSR	0	0	686	272	16	1	1	0.00	5.34	0
OC-855127755+	CO25551	11.23	1 1-	20 N FUSE	0	0	686	272	8	0	3	0.00	5.34	0
CO25552+	OC-855127755	11.28	1 1-	4ACSR	0	0	682	272	8	0	0	0.00	5.35	0
CO25553+	CO25552	11.31	1 1-	4ACSR	0	0	679	271	8	0	0	0.00	5.35	0
CO25438+	CO25439	11.21	237 3-	4/0ACSR	884	833	690	273	1155	27	8	0.01	5.35	14
CO30619+	CO25438	11.35	235 3-	4/0ACSR	877	827	684	273	1137	26	8	0.02	5.37	30
CO15635+	CO30619	11.39	235 3-	4/0ACSR	875	825	682	272	1137	26	8	0.01	5.38	8
CO15658+	CO15635	11.50	117 1-	4ACSR	0	0	673	271	506	36	26	0.10	5.47	79
OC-949218142+	CO15658	11.50	115 1-	20 N FUSE	0	0	673	271	496	35	179	0.00	5.47	0
CO15659+	OC-949218142	11.52	115 1-	4ACSR	0	0	672	270	496	35	26	0.01	5.48	10

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15652+	CO15659	11.54	113 1-	4ACSR	0	0	671	270	487	35	25	0.01	5.50	12
CO15653+	CO15652	11.55	113 1-	4ACSR	0	0	670	270	487	35	25	0.01	5.51	9
CO15654+	CO15653	11.59	112 1-	4ACSR	0	0	667	269	483	34	25	0.03	5.54	26
CO15655+	CO15654	11.62	110 1-	4ACSR	0	0	664	269	462	33	24	0.02	5.57	19
CO15656+	CO15655	11.71	110 1-	4ACSR	0	0	658	268	462	33	24	0.07	5.64	54
CO15657+	CO15656	11.83	110 1-	4ACSR	0	0	649	266	462	33	24	0.09	5.72	67
CO15679+	CO15657	11.90	2 1-	4ACSR	0	0	644	265	9	0	0	0.00	5.73	0
CO15680+	CO15679	11.93	1 1-	4ACSR	0	0	642	265	3	0	0	0.00	5.73	0
CO15681+	CO15680	12.08	1 1-	4ACSR	0	0	632	263	3	0	0	0.00	5.73	0
CO15859+	CO15657	11.83	108 1-	4ACSR	0	0	649	266	452	32	23	0.01	5.73	4
OC476+	CO15859	11.83	108 1-	50 E OCR	0	0	649	266	452	32	65	0.00	5.73	0
CO15860+	OC476	11.88	108 1-	4ACSR	0	0	645	265	452	32	23	0.04	5.77	29
CO15633+	CO15860	12.03	108 1-	4ACSR	0	0	635	263	452	32	23	0.11	5.88	81
AU40	CO15633	12.03	108 1-	167 KVA 1PH AUT	0	0	529	161	452	32	282	2.25	8.13	0
CO15682	AU40	12.16	2 1-	4ACSR	0	0	519	159	6	0	1	0.00	8.13	0
CO15683	CO15682	12.24	1 1-	4ACSR	0	0	513	159	4	0	0	0.00	8.13	0
CO15634	AU40	12.16	106 1-	4ACSR	0	0	519	159	446	64	46	0.39	8.52	295
CO15781	CO15634	12.17	106 1-	4ACSR	0	0	518	159	445	64	46	0.05	8.57	38
CO15782	CO15781	12.27	105 1-	4ACSR	0	0	511	158	436	63	45	0.28	8.85	206
CO15618	CO15782	12.35	1 1-	2ACSR	0	0	505	158	0	0	0	0.00	8.85	0
CO30621	CO15782	12.55	102 1-	4ACSR	0	0	490	156	419	60	44	0.79	9.63	563
CO25630	CO30621	12.62	3 1-	4ACSR	0	0	486	155	12	1	1	0.00	9.63	0
CO25631	CO25630	12.65	1 1-	4ACSR	0	0	484	155	0	0	0	0.00	9.63	0
CO30622	CO30621	12.58	99 1-	4ACSR	0	0	488	155	405	59	42	0.08	9.71	53
CO15552	CO30622	12.72	93 1-	4ACSR	0	0	479	154	374	54	39	0.33	10.03	209
CO15685	CO15552	12.79	2 1-	4ACSR	0	0	474	153	9	1	1	0.00	10.04	0
CO15686	CO15685	12.82	1 1-	4ACSR	0	0	472	153	8	1	1	0.00	10.04	0
CO15636	CO15552	12.74	90 1-	4ACSR	0	0	478	154	356	52	37	0.06	10.09	34
CO15637	CO15636	12.78	88 1-	4ACSR	0	0	475	154	352	51	37	0.09	10.18	54
CO15835	CO15637	12.85	87 1-	4ACSR	0	0	470	153	351	51	37	0.18	10.36	108
CO15597	CO15835	12.92	1 1-	4ACSR	0	0	466	152	9	1	1	0.00	10.36	0
CO15779	CO15835	12.90	86 1-	4ACSR	0	0	467	152	341	50	36	0.11	10.46	63
CO15780	CO15779	12.99	84 1-	4ACSR	0	0	462	152	338	49	36	0.19	10.65	113
CO15638	CO15780	13.12	84 1-	4ACSR	0	0	453	150	337	49	36	0.31	10.97	184
CO15639	CO15638	13.18	83 1-	4ACSR	0	0	449	150	324	47	34	0.12	11.09	68
CO15739	CO15639	13.27	81 1-	4ACSR	0	0	444	149	315	46	33	0.18	11.28	101
CO15740	CO15739	13.47	80 1-	4ACSR	0	0	432	147	312	46	33	0.42	11.69	228
CO15554	CO15740	13.55	75 1-	4ACSR	0	0	427	147	292	43	31	0.16	11.85	80
CO8039	CO15554	13.67	74 1-	4ACSR	0	0	420	146	290	43	31	0.23	12.08	119
CO8135	CO8039	13.68	73 1-	4ACSR	0	0	419	146	290	43	31	0.02	12.11	11
CO8134	CO8135	13.69	73 1-	4ACSR	0	0	419	146	290	43	31	0.02	12.13	11
CO8038	CO8134	13.82	72 1-	4ACSR	0	0	412	145	289	43	31	0.25	12.38	129
CO8133	CO8038	13.84	4 1-	4ACSR	0	0	410	144	12	1	1	0.00	12.38	0
CO8132	CO8133	13.90	4 1-	4ACSR	0	0	407	144	12	1	1	0.00	12.39	0
CO8136	CO8132	13.92	2 1-	4ACSR	0	0	406	144	5	0	1	0.00	12.39	0
CO8138	CO8136	13.98	2 1-	4ACSR	0	0	403	143	5	0	1	0.00	12.39	0
CO8137	CO8138	14.10	2 1-	4ACSR	0	0	396	142	5	0	1	0.00	12.39	0
CO8139	CO8137	14.13	1 1-	4ACSR	0	0	395	142	0	0	0	0.00	12.39	0
CO8140	CO8139	14.18	1 1-	4ACSR	0	0	393	142	0	0	0	0.00	12.39	0
CO7950	CO8038	14.04	68 1-	4ACSR	0	0	400	143	277	41	30	0.41	12.79	199
CO8162	CO7950	14.04	67 1-	4ACSR	0	0	399	143	274	41	29	0.01	12.80	6
OC211	CO8162	14.04	67 1-	50 L OCR	0	0	399	143	274	41	0	0.00	12.80	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8163	OC211	14.14	67 1-	4ACSR	0	0	394	142	274	41	29	0.18	12.98	86
CO7949	CO8163	14.35	2 1-	4ACSR	0	0	384	140	0	0	0	0.00	12.98	0
OC-758518811	CO7949	14.35	2 1-	20 N FUSE	0	0	384	140	0	0	0	0.00	12.98	0
CO7951	OC-758518811	14.58	1 1-	4ACSR	0	0	373	139	0	0	0	0.00	12.98	0
CO8172	CO7951	15.05	0 1-	4ACSR	0	0	351	135	0	0	0	0.00	12.98	0
CO8173	CO8172	15.06	0 1-	4ACSR	0	0	351	135	0	0	0	0.00	12.98	0
CO7977	CO7951	14.63	1 1-	4ACSR	0	0	370	138	0	0	0	0.00	12.98	0
CO7978	OC-758518811	14.46	1 1-	4ACSR	0	0	378	139	0	0	0	0.00	12.98	0
CO7955	CO8163	14.24	63 1-	4ACSR	0	0	390	141	266	39	29	0.17	13.15	79
CO8094	CO7955	14.31	5 1-	4ACSR	0	0	386	141	21	3	2	0.01	13.16	0
CO8179	CO8094	14.35	4 1-	4ACSR	0	0	384	140	21	3	2	0.00	13.16	0
CO35628334	CO8179	14.43	3 1-	2ACSR	0	0	381	140	10	1	1	0.00	13.17	0
CO-2144764976	CO35628334	14.57	2 1-	2ACSR	0	0	375	139	0	0	0	0.00	13.17	0
CO-1271174837	CO35628334	14.46	1 1-	2ACSR	0	0	379	140	10	1	1	0.00	13.17	0
CO7979	CO8094	14.39	1 1-	4ACSR	0	0	382	140	0	0	0	0.00	13.16	0
CO8036	CO7955	14.35	57 1-	4ACSR	0	0	384	140	240	36	26	0.18	13.33	77
CO8037	CO8036	14.49	57 1-	4ACSR	0	0	377	139	239	36	26	0.23	13.56	97
CO8031	CO8037	14.59	56 1-	4ACSR	0	0	372	139	236	35	25	0.16	13.72	67
CO8032	CO8031	14.67	56 1-	4ACSR	0	0	368	138	236	35	25	0.14	13.86	58
CO8033	CO8032	14.73	54 1-	4ACSR	0	0	366	137	231	34	25	0.09	13.94	36
CO8029	CO8033	14.77	50 1-	4ACSR	0	0	364	137	220	33	24	0.05	14.00	22
OC1554156365	CO8029	14.77	49 1-	20 N FUSE	0	0	364	137	215	32	163	0.00	14.00	0
CO8030	OC1554156365	14.82	49 1-	4ACSR	0	0	362	137	215	32	23	0.07	14.07	27
CO7986	CO8030	14.85	3 1-	4ACSR	0	0	361	137	10	1	1	0.00	14.07	0
CO8011	CO7986	14.92	2 1-	2ACSR	0	0	358	136	9	1	1	0.00	14.07	0
CO7985	CO8030	14.85	4 1-	4ACSR	0	0	361	137	17	2	2	0.00	14.07	0
CO7987	CO7985	14.91	1 1-	4ACSR	0	0	357	136	10	1	1	0.00	14.07	0
CO7957	CO8030	14.98	42 1-	4ACSR	0	0	355	136	189	28	20	0.21	14.28	73
CO8097	CO7957	15.08	2 1-	4ACSR	0	0	350	135	13	2	1	0.00	14.29	0
CO8098	CO8097	15.11	1 1-	4ACSR	0	0	349	135	2	0	0	0.00	14.29	0
CO7954	CO7957	15.05	40 1-	4ACSR	0	0	352	135	175	26	19	0.07	14.36	23
CO7981	CO7954	15.15	1 1-	4ACSR	0	0	347	134	5	0	1	0.00	14.36	0
CO7953	CO7954	15.10	38 1-	4ACSR	0	0	349	135	160	24	17	0.06	14.42	18
CO8042	CO7953	15.16	37 1-	4ACSR	0	0	347	134	151	22	16	0.06	14.48	15
CO8043	CO8042	15.19	36 1-	4ACSR	0	0	345	134	143	21	16	0.03	14.51	9
CO8044	CO8043	15.23	35 1-	4ACSR	0	0	344	134	140	21	15	0.03	14.54	8
OC-1739632166	CO8044	15.23	34 1-	20 N FUSE	0	0	344	134	137	20	104	0.00	14.54	0
CO7952	OC-1739632166	15.33	32 1-	4ACSR	0	0	340	133	132	20	14	0.09	14.63	22
CO8046	CO7952	15.38	31 1-	4ACSR	0	0	338	133	126	19	14	0.05	14.68	10
CO8144	CO8046	15.49	30 1-	4ACSR	0	0	333	132	123	18	13	0.09	14.77	20
CO8143	CO8144	15.53	30 1-	4ACSR	0	0	332	132	123	18	13	0.03	14.80	8
CO8109	CO8143	15.64	2 1-	4ACSR	0	0	328	131	6	0	1	0.00	14.81	0
CO8110	CO8109	15.73	2 1-	4ACSR	0	0	324	130	6	0	1	0.00	14.81	0
CO21124490	CO8143	15.61	2 1-	2ACSR	0	0	329	131	12	1	1	0.00	14.81	0
CO8063	CO8143	15.82	0 1-	4ACSR	0	0	321	130	0	0	0	0.00	14.80	0
CO8062	CO8063	15.97	0 1-	4ACSR	0	0	316	129	0	0	0	0.00	14.80	0
CO8060	CO8143	15.56	26 1-	4ACSR	0	0	331	132	105	15	11	0.02	14.82	4
CO8061	CO8060	15.80	25 1-	4ACSR	0	0	322	130	98	14	11	0.16	14.98	28
CO8099	CO8061	15.82	3 1-	4ACSR	0	0	321	130	4	0	0	0.00	14.98	0
CO8100	CO8099	15.86	1 1-	4ACSR	0	0	319	130	0	0	0	0.00	14.98	0
CO7997	CO8099	16.00	1 1-	4ACSR	0	0	314	129	1	0	0	0.00	14.98	0
CO8176	CO8061	16.35	22 1-	4ACSR	0	0	303	126	95	14	10	0.35	15.33	61

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8180	CO8176	16.80	14 1-	4ACSR	0	0	288	124	48	7	5	0.14	15.48	13
OC-1863946926	CO8180	16.80	14 1-	20 N FUSE	0	0	288	124	48	7	36	0.00	15.48	0
CO8177	OC-1863946926	17.01	14 1-	4ACSR	0	0	282	122	48	7	5	0.07	15.54	6
OC954442585	CO8177	17.01	14 1-	20 N FUSE	0	0	282	122	48	7	36	0.00	15.54	0
CO8079	OC954442585	17.07	14 1-	4ACSR	0	0	280	122	48	7	5	0.02	15.56	0
CO8178	CO8079	17.26	12 1-	4ACSR	0	0	275	121	35	5	4	0.04	15.61	3
CO8064	CO8178	17.29	12 1-	4ACSR	0	0	274	121	34	5	4	0.01	15.61	0
CO8014	CO8064	17.34	11 1-	1/0PRIURD	0	0	273	193	33	5	3	0.00	15.62	0
CO8155	CO8014	17.42	11 1-	1/0PRIURD	0	0	272	192	33	5	3	0.01	15.63	0
CO8156	CO8155	17.47	9 1-	1/0PRIURD	0	0	271	192	30	4	3	0.00	15.63	0
CO8019	CO8156	17.51	7 1-	1/0PRIURD	0	0	270	191	19	2	2	0.00	15.63	0
CO8020	CO8019	17.56	6 1-	1/0PRIURD	0	0	270	191	12	1	1	0.00	15.63	0
CO8012	CO8020	17.62	1 1-	1/0PRIURD	0	0	269	191	0	0	0	0.00	15.63	0
CO8158	CO8020	17.61	5 1-	1/0PRIURD	0	0	269	191	12	1	1	0.00	15.63	0
CO8021	CO8158	17.68	4 1-	1/0PRIURD	0	0	268	190	9	1	1	0.00	15.64	0
CO8159	CO8021	17.73	3 1-	1/0PRIURD	0	0	267	190	6	0	1	0.00	15.64	0
CO8022	CO8159	17.75	0 1-	1/0PRIURD	0	0	267	189	0	0	0	0.00	15.64	0
CO8023	CO8022	17.80	0 1-	1/0PRIURD	0	0	266	189	0	0	0	0.00	15.64	0
CO8024	CO8023	17.83	0 1-	1/0PRIURD	0	0	265	189	0	0	0	0.00	15.64	0
CO8160	CO8159	17.75	3 1-	1/0PRIURD	0	0	267	189	6	0	1	0.00	15.64	0
CO8025	CO8160	17.87	3 1-	1/0PRIURD	0	0	265	189	6	0	1	0.00	15.64	0
CO8026	CO8025	17.90	0 1-	1/0PRIURD	0	0	264	188	0	0	0	0.00	15.64	0
CO8157	CO8020	17.62	0 1-	1/0PRIURD	0	0	269	190	0	0	0	0.00	15.63	0
CO8028	CO8157	17.67	0 1-	1/0PRIURD	0	0	268	190	0	0	0	0.00	15.63	0
CO30705	CO8028	17.69	0 1-	1/0PRIURD	0	0	268	190	0	0	0	0.00	15.63	0
CO8153	CO8155	17.47	2 1-	1/0PRIURD	0	0	271	192	4	0	0	0.00	15.63	0
CO8016	CO8153	17.52	1 1-	1/0PRIURD	0	0	270	191	0	0	0	0.00	15.63	0
CO8017	CO8016	17.56	0 1-	1/0PRIURD	0	0	270	191	0	0	0	0.00	15.63	0
CO8018	CO8017	17.59	0 1-	1/0PRIURD	0	0	269	191	0	0	0	0.00	15.63	0
CO8154	CO8153	17.47	0 1-	1/0PRIURD	0	0	271	192	0	0	0	0.00	15.63	0
CO8015	CO8154	17.50	0 1-	1/0PRIURD	0	0	271	191	0	0	0	0.00	15.63	0
CO8150	CO8079	17.28	2 1-	4ACSR	0	0	274	121	13	2	1	0.02	15.58	0
CO8152	CO8150	17.30	2 1-	4ACSR	0	0	274	121	13	2	1	0.00	15.58	0
CO8151	CO8152	17.32	2 1-	4ACSR	0	0	273	121	13	2	1	0.00	15.59	0
CO8059	CO8151	17.40	1 1-	4ACSR	0	0	271	120	2	0	0	0.00	15.59	0
CO7967	CO8176	16.62	7 1-	4ACSR	0	0	294	125	47	7	5	0.09	15.42	8
CO8010	CO7967	16.69	7 1-	4ACSR	0	0	292	124	47	7	5	0.02	15.44	0
CO8125	CO8010	16.74	5 1-	2ACSR	0	0	290	124	40	6	3	0.01	15.46	0
CO8127	CO8125	16.81	4 1-	2ACSR	0	0	289	124	37	5	3	0.01	15.47	0
CO8128	CO8127	16.88	3 1-	2ACSR	0	0	287	123	27	4	2	0.01	15.48	0
CO8131	CO8128	17.01	2 1-	2ACSR	0	0	284	123	18	2	2	0.01	15.49	0
CO8129	CO8131	17.03	2 1-	2ACSR	0	0	283	123	18	2	2	0.00	15.49	0
CO2011714091	CO8129	17.11	2 1-	2ACSR	0	0	282	123	18	2	2	0.01	15.50	0
CO-2018943446	CO2011714091	17.21	0 1-	2ACSR	0	0	279	122	0	0	0	0.00	15.50	0
CO-277186210	CO2011714091	17.19	2 1-	2ACSR	0	0	280	122	18	2	2	0.00	15.50	0
CO659471031	CO8128	16.92	1 1-	2ACSR	0	0	286	123	9	1	1	0.00	15.48	0
CO8126	CO8127	16.87	1 1-	2ACSR	0	0	287	124	10	1	1	0.00	15.47	0
CO8124	CO8125	16.82	1 1-	2ACSR	0	0	288	124	3	0	0	0.00	15.46	0
CO8009	CO7967	16.74	0 1-	4ACSR	0	0	290	124	0	0	0	0.00	15.42	0
CO7983	CO7952	15.41	1 1-	4ACSR	0	0	337	133	5	0	1	0.00	14.63	0
CO8096	OC-1739632166	15.30	2 1-	4ACSR	0	0	341	133	5	0	1	0.00	14.54	0
CO8095	CO8096	15.34	2 1-	4ACSR	0	0	340	133	5	0	1	0.00	14.54	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7982	CO7953	15.16	1 1-	4ACSR	0	0	347	134	8	1	1	0.00	14.42	0
CO7958	CO8033	14.80	3 1-	4ACSR	0	0	363	137	9	1	1	0.00	13.95	0
CO8102	CO7958	14.86	2 1-	4ACSR	0	0	360	137	3	0	0	0.00	13.95	0
CO8101	CO8102	14.88	1 1-	4ACSR	0	0	359	136	0	0	0	0.00	13.95	0
CO8040	CO7958	15.00	1 1-	4ACSR	0	0	354	136	6	0	1	0.00	13.95	0
CO8168	CO8040	15.10	0 1-	4ACSR	0	0	349	135	0	0	0	0.00	13.95	0
SW214-B	CO8168	15.10	0 1-	Open	0	0	349	135	0	0	0	0.00	13.95	0
CO-1381611796	CO8031	14.59	0 1-	2ACSR	0	0	372	138	0	0	0	0.00	13.72	0
CO733768068	CO-1381611796	14.68	0 1-	2ACSR	0	0	369	138	0	0	0	0.00	13.72	0
CO7980	CO7950	14.07	1 1-	4ACSR	0	0	398	143	2	0	0	0.00	12.79	0
CO15553	CO15740	13.52	4 1-	4ACSR	0	0	429	147	17	2	2	0.01	11.70	0
CO492492742	CO15553	13.52	4 1-	2ACSR	0	0	428	147	17	2	1	0.00	11.70	0
CO15855	CO492492742	13.59	4 1-	4ACSR	0	0	424	146	17	2	2	0.01	11.71	0
CO15692	CO15855	13.72	4 1-	4ACSR	0	0	417	145	17	2	2	0.01	11.72	0
CO15693	CO15692	13.78	4 1-	4ACSR	0	0	414	145	17	2	2	0.01	11.73	0
CO15694	CO15693	13.85	2 1-	4ACSR	0	0	410	144	14	2	2	0.00	11.73	0
CO15648	CO15855	13.76	0 1-	4ACSR	0	0	415	145	0	0	0	0.00	11.71	0
#SW1132832893-B	CO15648	13.76	0 1-	Open	0	0	415	145	0	0	0	0.00	11.71	0
CO15598	CO15638	13.18	1 1-	4ACSR	0	0	449	150	13	1	1	0.00	10.97	0
CO15784	CO30622	12.62	6 1-	4ACSR	0	0	486	155	30	4	3	0.01	9.71	0
CO15785	CO15784	12.73	4 1-	4ACSR	0	0	478	154	14	2	1	0.01	9.72	0
CO15783	CO15785	12.79	0 1-	4ACSR	0	0	474	153	0	0	0	0.00	9.72	0
CO30620	CO15782	12.35	2 1-	4ACSR	0	0	505	158	16	2	2	0.00	8.85	0
CO15611+	CO15659	11.63	2 1-	4ACSR	0	0	663	269	9	0	0	0.00	5.49	0
CO-182059144+	CO15611	11.69	1 1-	2ACSR	0	0	660	268	8	0	0	0.00	5.49	0
CO15547+	CO15635	11.57	118 3-	4/0ACSR	867	817	675	271	631	14	4	0.01	5.39	11
CO-2051357525+	CO15547	11.67	116 3-	2ACSR	859	810	668	270	626	14	8	0.02	5.41	20
CO1821471151+	CO-2051357525	11.69	115 3-	2ACSR	858	809	667	270	612	14	8	0.00	5.41	4
CO15589+	CO1821471151	11.73	1 1-	4ACSR	0	0	664	270	8	0	0	0.00	5.41	0
OC35528676+	CO15589	11.73	0 1-	20 N FUSE	0	0	664	270	0	0	0	0.00	5.41	0
CO15824+	CO1821471151	11.76	114 3-	4/0ACSR	855	806	664	270	605	14	4	0.00	5.42	4
CO15615+	CO15824	11.80	1 1-	2ACSR	0	0	662	269	10	0	0	0.00	5.42	0
OC1377302506+	CO15615	11.80	0 1-	20 N FUSE	0	0	662	269	0	0	0	0.00	5.42	0
CO15823+	CO15824	11.79	113 3-	4/0ACSR	853	805	663	270	595	13	4	0.00	5.42	0
CO15758+	CO15823	11.83	108 3-	4/0ACSR	852	803	662	270	580	13	4	0.00	5.42	0
CO15760+	CO15758	11.88	108 3-	4/0ACSR	849	801	660	269	580	13	4	0.00	5.43	3
CO15759+	CO15760	11.95	107 3-	4/0ACSR	846	798	657	269	571	13	4	0.00	5.43	4
CO15629+	CO15759	12.18	74 3-	4/0ACSR	836	788	648	268	410	9	3	0.01	5.44	6
CO15764+	CO15629	12.28	74 3-	4/0ACSR	832	784	644	267	410	9	3	0.00	5.45	3
CO15763+	CO15764	12.39	74 3-	4/0ACSR	827	779	640	267	410	9	3	0.01	5.45	3
CO15765+	CO15763	12.49	70 3-	4/0ACSR	823	775	636	266	398	9	3	0.00	5.46	2
CO15834+	CO15765	12.55	69 3-	4/0ACSR	820	773	634	266	391	9	3	0.00	5.46	0
CO15616+	CO15834	12.62	1 1-	2ACSR	0	0	630	265	6	0	0	0.00	5.46	0
OC176827358+	CO15616	12.62	0 1-	20 N FUSE	0	0	630	265	0	0	0	0.00	5.46	0
CO15833+	CO15834	12.57	67 3-	4/0ACSR	819	772	633	266	374	8	3	0.00	5.46	0
CO15766+	CO15833	12.62	67 3-	4/0ACSR	817	770	631	266	374	8	3	0.00	5.46	0
CO15591+	CO15766	12.67	3 1-	4ACSR	0	0	628	265	0	0	0	0.00	5.46	0
OC-770949565+	CO15591	12.67	0 1-	20 N FUSE	0	0	628	265	0	0	0	0.00	5.46	0
CO15549+	CO15766	12.72	63 3-	4/0ACSR	813	766	628	265	372	8	3	0.00	5.47	0
CO15626+	CO15549	12.80	23 3-	4/0ACSR	810	763	625	265	118	2	1	0.00	5.47	0
CO15862+	CO15626	12.89	21 3-	4/0ACSR	806	759	622	264	105	2	1	0.00	5.47	0
CO15732+	CO15862	12.99	19 3-	4/0ACSR	802	756	618	264	103	2	1	0.00	5.47	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15731+	CO15732	13.02	19 3-	4/0ACSR	801	754	617	264	103	2	1	0.00	5.47	0
CO15539+	CO15731	13.11	17 3-	4/0ACSR	797	751	614	263	99	2	1	0.00	5.47	0
CO15623+	CO15539	13.25	7 3-	4/0ACSR	792	746	609	263	51	1	0	0.00	5.47	0
CO15622+	CO15623	13.30	7 3-	4/0ACSR	790	744	608	262	51	1	0	0.00	5.47	0
CO15580+	CO15622	13.46	1 1-	4ACSR	0	0	598	260	29	2	1	0.01	5.48	0
OC1753016893+	CO15580	13.46	1 1-	20 N FUSE	0	0	598	260	29	2	10	0.00	5.48	0
CO15837+	OC1753016893	13.49	1 1-	1/0PRIURD	0	0	597	427	29	2	1	0.00	5.48	0
CO15540+	CO15622	13.41	6 3-	4/0ACSR	786	740	604	262	22	0	0	0.00	5.47	0
CO15710+	CO15540	13.58	3 3-	4/0ACSR	779	734	598	261	20	0	0	0.00	5.47	0
CO15709+	CO15710	13.63	3 3-	4/0ACSR	778	732	597	261	20	0	0	0.00	5.47	0
CO15756+	CO15709	13.73	2 1-	4ACSR	0	0	591	260	10	0	0	0.00	5.47	0
OC328851662+	CO15756	13.73	1 1-	20 N FUSE	0	0	591	260	7	0	3	0.00	5.47	0
CO15757+	OC328851662	13.78	1 1-	4ACSR	0	0	588	259	7	0	0	0.00	5.47	0
CO2138805082+	CO15757	13.79	1 1-	2ACSR	0	0	587	259	7	0	0	0.00	5.47	0
CO1597359425+	CO2138805082	13.85	1 1-	2ACSR	0	0	585	258	7	0	0	0.00	5.48	0
CO155781123+	CO2138805082	13.83	0 1-	2ACSR	0	0	586	258	0	0	0	0.00	5.47	0
CO15712+	CO15709	13.72	1 3-	4/0ACSR	774	729	594	261	10	0	0	0.00	5.47	0
CO30696+	CO15712	13.81	1 3-	4/0ACSR	771	725	591	260	10	0	0	0.00	5.47	0
CO15711+	CO30696	13.82	1 3-	4/0ACSR	770	725	591	260	10	0	0	0.00	5.47	0
CO15576+	CO15711	13.87	1 1-	4ACSR	0	0	587	259	10	0	1	0.00	5.47	0
OC1606187322+	CO15576	13.87	0 1-	20 N FUSE	0	0	587	259	0	0	0	0.00	5.47	0
CO15538+	CO15711	13.92	0 3-	4/0ACSR	767	722	587	260	0	0	0	0.00	5.47	0
CO15577+	CO15538	14.01	0 1-	4ACSR	0	0	583	258	0	0	0	0.00	5.47	0
CO15852+	CO15538	14.06	0 3-	4/0ACSR	762	717	583	259	0	0	0	0.00	5.47	0
CO15829+	CO15540	13.56	3 1-	4ACSR	0	0	595	260	2	0	0	0.00	5.47	0
OC-1185210042+	CO15829	13.56	3 1-	20 N FUSE	0	0	595	260	2	0	1	0.00	5.47	0
CO15581+	OC-1185210042	13.62	1 1-	4ACSR	0	0	591	259	0	0	0	0.00	5.47	0
CO15830+	OC-1185210042	13.60	2 1-	4ACSR	0	0	593	259	2	0	0	0.00	5.47	0
CO15579+	CO15539	13.23	1 1-	4ACSR	0	0	607	262	8	0	0	0.00	5.47	0
OC695745074+	CO15579	13.23	0 1-	20 N FUSE	0	0	607	262	0	0	0	0.00	5.47	0
CO15806+	CO15539	13.19	9 1-	4ACSR	0	0	609	262	40	2	2	0.00	5.48	0
OC2085677322+	CO15806	13.19	8 1-	20 N FUSE	0	0	609	262	36	2	13	0.00	5.48	0
CO15807+	OC2085677322	13.22	8 1-	4ACSR	0	0	607	262	36	2	2	0.00	5.48	0
CO15750+	CO15807	13.26	7 1-	4ACSR	0	0	605	261	25	1	1	0.00	5.48	0
CO15751+	CO15750	13.29	4 1-	4ACSR	0	0	603	261	11	0	1	0.00	5.48	0
CO15672+	CO15751	13.35	4 1-	4ACSR	0	0	599	260	11	0	1	0.00	5.48	0
CO15832+	CO15672	13.40	1 1-	4ACSR	0	0	596	260	1	0	0	0.00	5.48	0
CO15701+	CO15832	13.46	1 1-	4ACSR	0	0	592	259	1	0	0	0.00	5.48	0
CO15831+	CO15672	13.39	3 1-	4ACSR	0	0	597	260	10	0	1	0.00	5.48	0
CO15617+	CO15750	13.28	1 1-	2ACSR	0	0	604	261	1	0	0	0.00	5.48	0
CO15578+	CO15862	12.99	1 1-	4ACSR	0	0	615	263	0	0	0	0.00	5.47	0
OC-787997301+	CO15578	12.99	0 1-	20 N FUSE	0	0	615	263	0	0	0	0.00	5.47	0
CO15836+	CO15862	12.99	1 1-	4ACSR	0	0	615	263	3	0	0	0.00	5.47	0
OC254400226+	CO15836	12.99	0 1-	20 N FUSE	0	0	615	263	0	0	0	0.00	5.47	0
CO15847+	CO15549	12.72	39 1-	4ACSR	0	0	628	265	247	17	12	0.00	5.47	0
OC474+	CO15847	12.72	39 1-	35 E OCR	0	0	628	265	247	17	50	0.00	5.47	0
CO15848+	OC474	12.81	39 1-	4ACSR	0	0	622	264	247	17	12	0.03	5.50	14
CO15741+	CO15848	12.82	17 1-	4ACSR	0	0	621	264	87	6	4	0.00	5.50	0
CO15742+	CO15741	12.89	16 1-	4ACSR	0	0	616	263	82	5	4	0.01	5.51	0
CO15800+	CO15742	12.95	15 1-	4ACSR	0	0	613	262	77	5	4	0.01	5.52	0
CO15801+	CO15800	13.07	14 1-	4ACSR	0	0	605	260	77	5	4	0.01	5.54	0
CO15632+	CO15801	13.10	14 1-	4ACSR	0	0	604	260	77	5	4	0.00	5.54	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15630+	CO15632	13.17	12 1-	4ACSR	0	0	599	259	67	4	3	0.01	5.55	0
CO15631+	CO15630	13.22	12 1-	4ACSR	0	0	596	258	67	4	3	0.00	5.55	0
CO15769+	CO15631	13.25	6 1-	4ACSR	0	0	594	258	40	2	2	0.00	5.55	0
CO15770+	CO15769	13.29	5 1-	4ACSR	0	0	591	257	38	2	2	0.00	5.55	0
CO15771+	CO15770	13.33	4 1-	4ACSR	0	0	589	257	29	2	1	0.00	5.56	0
CO15772+	CO15771	13.41	2 1-	4ACSR	0	0	585	256	8	0	0	0.00	5.56	0
CO15713+	CO15772	13.44	1 1-	4ACSR	0	0	583	255	0	0	0	0.00	5.56	0
CO15594+	CO15632	13.15	1 1-	4ACSR	0	0	601	259	0	0	0	0.00	5.54	0
CO15551+	CO15848	12.96	21 1-	4ACSR	0	0	612	262	154	10	8	0.04	5.54	9
CO15773+	CO15551	13.05	16 1-	4ACSR	0	0	607	261	128	9	6	0.02	5.56	4
CO15774+	CO15773	13.17	15 1-	4ACSR	0	0	599	259	122	8	6	0.02	5.58	4
CO15775+	CO15774	13.28	11 1-	4ACSR	0	0	592	258	87	6	4	0.01	5.59	0
CO15776+	CO15775	13.34	7 1-	4ACSR	0	0	589	257	48	3	2	0.00	5.59	0
CO15743+	CO15776	13.41	3 1-	4ACSR	0	0	584	256	21	1	1	0.00	5.59	0
CO15684+	CO15551	13.02	4 1-	4ACSR	0	0	609	261	19	1	1	0.00	5.54	0
CO15767+	CO15684	13.05	3 1-	4ACSR	0	0	607	261	18	1	1	0.00	5.54	0
CO15768+	CO15767	13.11	2 1-	4ACSR	0	0	603	260	14	0	1	0.00	5.54	0
CO15596+	CO15551	13.04	0 1-	4ACSR	0	0	607	261	0	0	0	0.00	5.54	0
CO15811+	CO15763	12.44	3 1-	4ACSR	0	0	636	266	12	0	1	0.00	5.45	0
OC-1372524174+	CO15811	12.44	2 1-	20 N FUSE	0	0	636	266	5	0	2	0.00	5.45	0
CO15612+	OC-1372524174	12.47	1 1-	4ACSR	0	0	635	266	5	0	0	0.00	5.45	0
CO15812+	OC-1372524174	12.47	1 1-	4ACSR	0	0	635	266	0	0	0	0.00	5.45	0
CO15590+	CO15759	12.01	2 1-	4ACSR	0	0	653	268	7	0	0	0.00	5.43	0
CO15550+	CO15759	12.01	30 1-	4ACSR	0	0	653	268	153	10	8	0.01	5.44	4
CO15595+	CO15550	12.05	2 1-	4ACSR	0	0	649	267	11	0	1	0.00	5.45	0
CO15842+	CO15550	12.01	28 1-	4ACSR	0	0	652	268	142	10	7	0.00	5.45	0
OC471+	CO15842	12.01	28 1-	50 E OCR	0	0	652	268	142	10	20	0.00	5.45	0
CO15843+	OC471	12.06	28 1-	4ACSR	0	0	649	267	142	10	7	0.01	5.46	3
CO15761+	CO15843	12.08	28 1-	4ACSR	0	0	647	267	142	10	7	0.00	5.46	0
CO15762+	CO15761	12.13	27 1-	4ACSR	0	0	644	266	142	9	7	0.01	5.47	3
CO30618+	CO15762	12.19	26 1-	4ACSR	0	0	639	265	140	9	7	0.01	5.49	3
CO25542+	CO30618	12.40	26 1-	4ACSR	0	0	625	263	140	9	7	0.04	5.53	10
CO25541+	CO25542	12.55	24 1-	4ACSR	0	0	615	261	126	8	6	0.03	5.56	6
CO25530+	CO25541	12.65	4 1-	4ACSR	0	0	609	259	22	1	1	0.00	5.57	0
CO25627+	CO25530	12.70	3 1-	4ACSR	0	0	606	259	17	1	1	0.00	5.57	0
CO25628+	CO25627	12.75	2 1-	4ACSR	0	0	603	258	13	0	1	0.00	5.57	0
CO25531+	CO25530	12.75	1 1-	4ACSR	0	0	603	258	5	0	0	0.00	5.57	0
CO25528+	CO25541	12.62	20 1-	4ACSR	0	0	611	260	104	7	5	0.01	5.57	0
CO25529+	CO25528	12.69	20 1-	4ACSR	0	0	606	259	104	7	5	0.01	5.59	0
CO25527+	CO25529	12.73	18 1-	4ACSR	0	0	604	258	88	6	4	0.01	5.59	0
CO25581+	CO25527	12.77	18 1-	4ACSR	0	0	602	258	88	6	4	0.00	5.60	0
CO25582+	CO25581	12.90	17 1-	4ACSR	0	0	593	256	88	6	4	0.02	5.61	3
CO25657+	CO25582	12.98	16 1-	4ACSR	0	0	588	255	78	5	4	0.01	5.62	0
CO25583+	CO25657	13.18	16 1-	4ACSR	0	0	577	252	78	5	4	0.02	5.65	3
CO25532+	CO25583	13.21	4 1-	4ACSR	0	0	575	252	25	1	1	0.00	5.65	0
CO25533+	CO25532	13.41	3 1-	4ACSR	0	0	564	250	24	1	1	0.01	5.66	0
CO25534+	CO25533	13.45	2 1-	4ACSR	0	0	562	249	10	0	0	0.00	5.66	0
CO25535+	CO25534	13.49	2 1-	4ACSR	0	0	559	249	10	0	0	0.00	5.66	0
CO25436+	CO25583	13.25	12 1-	4ACSR	0	0	573	252	53	3	3	0.01	5.65	0
CO25539+	CO25436	13.29	12 1-	4ACSR	0	0	570	251	53	3	3	0.00	5.66	0
OC1196531493+	CO25539	13.29	11 1-	20 N FUSE	0	0	570	251	46	3	16	0.00	5.66	0
CO25540+	OC1196531493	13.32	11 1-	4ACSR	0	0	569	251	46	3	2	0.00	5.66	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25468+	CO25540	13.37	1 1-	4ACSR	0	0	566	250	13	0	1	0.00	5.66	0
CO25433+	CO25540	13.44	10 1-	4ACSR	0	0	562	249	33	2	2	0.01	5.67	0
CO25629+	CO25433	13.65	2 1-	4ACSR	0	0	551	247	10	0	0	0.00	5.67	0
CO25543+	CO25433	13.63	1 1-	4ACSR	0	0	551	247	9	0	0	0.00	5.67	0
CO-1888691206+	CO25543	13.69	1 1-	2ACSR	0	0	549	246	9	0	0	0.00	5.67	0
CO-1254569879+	CO-1888691206	13.75	1 1-	2ACSR	0	0	546	246	9	0	0	0.00	5.67	0
CO-1349707996+	CO-1888691206	13.80	0 1-	2ACSR	0	0	544	245	0	0	0	0.00	5.67	0
CO25434+	CO25433	13.50	7 1-	4ACSR	0	0	559	248	14	0	1	0.00	5.67	0
CO25658+	CO25434	13.83	6 1-	4ACSR	0	0	541	245	11	0	1	0.01	5.67	0
CO25660+	CO25658	13.89	6 1-	4ACSR	0	0	538	244	11	0	1	0.00	5.67	0
CO25659+	CO25660	13.95	6 1-	4ACSR	0	0	534	243	11	0	1	0.00	5.68	0
CO25599+	CO25659	14.00	4 1-	4ACSR	0	0	532	243	6	0	0	0.00	5.68	0
CO25471+	CO25599	14.06	2 1-	4ACSR	0	0	529	242	6	0	0	0.00	5.68	0
CO25470+	CO25434	13.59	1 1-	4ACSR	0	0	553	247	2	0	0	0.00	5.67	0
CO25536+	CO25436	13.31	0 1-	4ACSR	0	0	569	251	0	0	0	0.00	5.65	0
CO25538+	CO25536	13.33	0 1-	2ACSR	0	0	568	251	0	0	0	0.00	5.65	0
CO25537+	CO25536	13.32	0 1-	4ACSR	0	0	568	251	0	0	0	0.00	5.65	0
CO469768732+	CO25582	13.03	1 1-	2ACSR	0	0	587	255	10	0	0	0.00	5.62	0
CO25469+	CO25529	12.80	1 1-	4ACSR	0	0	600	257	10	0	1	0.00	5.59	0
CO15844+	CO15823	11.79	5 1-	6ACWC	0	0	663	270	15	1	1	0.00	5.42	0
OC472+	CO15844	11.79	5 1-	10 N FUSE	0	0	663	270	15	1	10	0.00	5.42	0
CO15845+	OC472	11.86	5 1-	6ACWC	0	0	658	269	15	1	1	0.00	5.42	0
CO15736+	CO15845	11.92	4 1-	6ACWC	0	0	654	268	15	1	1	0.00	5.42	0
CO15627+	CO15736	11.94	1 1-	6ACWC	0	0	652	268	0	0	0	0.00	5.42	0
CO15628+	CO15627	12.26	1 1-	6ACWC	0	0	630	263	0	0	0	0.00	5.42	0
CO15593+	CO15628	12.32	1 1-	6ACWC	0	0	626	262	0	0	0	0.00	5.42	0
CO15592+	CO15628	12.37	0 1-	6ACWC	0	0	622	262	0	0	0	0.00	5.42	0
CO15610+	CO15736	11.95	2 1-	4ACSR	0	0	651	267	6	0	0	0.00	5.42	0
CO-2135879147+	CO-2051357525	11.70	1 1-	2ACSR	0	0	667	270	13	0	1	0.00	5.41	0
CO15588+	CO15547	11.65	1 1-	4ACSR	0	0	669	270	3	0	0	0.00	5.39	0
OC-1177885129+	CO15588	11.65	0 1-	20 N FUSE	0	0	669	270	0	0	0	0.00	5.39	0
CO25554+	CO25438	11.30	2 1-	4ACSR	0	0	682	272	18	1	1	0.00	5.35	0
OC-401239478+	CO25554	11.30	1 1-	20 N FUSE	0	0	682	272	11	0	4	0.00	5.35	0
CO25555+	OC-401239478	11.40	1 1-	4ACSR	0	0	675	271	11	0	1	0.00	5.36	0
CO25491+	CO25636	10.72	3 1-	4ACSR	0	0	711	275	16	1	1	0.00	5.28	0
CO25633+	CO25638	10.67	3 1-	4ACSR	0	0	711	275	11	0	1	0.00	5.26	0
OC-426114774+	CO25633	10.67	2 1-	20 N FUSE	0	0	711	275	7	0	3	0.00	5.26	0
CO25634+	OC-426114774	10.72	1 1-	4ACSR	0	0	707	274	7	0	0	0.00	5.27	0
CO25632+	OC-426114774	10.71	1 1-	2ACSR	0	0	708	275	0	0	0	0.00	5.26	0
CO25556+	CO25632	10.75	1 1-	2ACSR	0	0	706	274	0	0	0	0.00	5.26	0
CO18339+	CO18501	9.18	1 1-	4ACSR	0	0	785	282	0	0	0	0.00	5.02	0
OC-1285291884+	CO18339	9.18	0 1-	20 N FUSE	0	0	785	282	0	0	0	0.00	5.02	0
CO18499+	CO18497	8.83	2 1-	4ACSR	0	0	809	285	1	0	0	0.00	4.98	0
OC-1516141742+	CO18499	8.83	1 1-	20 N FUSE	0	0	809	285	0	0	0	0.00	4.98	0
CO18500+	OC-1516141742	8.97	1 1-	4ACSR	0	0	793	283	0	0	0	0.00	4.98	0
CO18492+	CO18488	8.25	3 1-	4ACSR	0	0	845	288	18	1	1	0.00	4.88	0
OC107944535+	CO18492	8.25	2 1-	20 N FUSE	0	0	845	288	18	1	6	0.00	4.88	0
CO18493+	OC107944535	8.28	2 1-	4ACSR	0	0	842	287	18	1	1	0.00	4.88	0
CO18475+	CO18493	8.30	2 1-	4ACSR	0	0	839	287	18	1	1	0.00	4.88	0
CO18476+	CO18475	8.30	1 1-	4ACSR	0	0	839	287	11	0	1	0.00	4.88	0
CO18423+	CO18476	8.38	1 1-	4ACSR	0	0	830	286	11	0	1	0.00	4.88	0
CO18340+	CO18475	8.33	1 1-	4ACSR	0	0	836	287	7	0	0	0.00	4.88	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18341+	CO18490	8.18	1 1-	4ACSR	0	0	849	288	11	0	1	0.00	4.87	0
OC-587796621+	CO18341	8.18	0 1-	20 N FUSE	0	0	849	288	0	0	0	0.00	4.87	0
CO18484+	CO18315	8.06	55 1-	4ACSR	0	0	859	289	204	14	10	0.01	4.86	3
XFMR92	CO18484	8.06	53 1-	333 KVA 1PH AUT	0	0	793	168	198	13	61	0.51	5.37	0
CO18519	XFMR92	8.17	53 1-	4ACSR	0	0	775	167	198	27	20	0.14	5.50	45
CO18520	CO18519	8.21	52 1-	4ACSR	0	0	768	167	196	27	20	0.05	5.56	18
CO18587	CO18520	8.22	52 1-	4ACSR	0	0	766	167	196	27	20	0.01	5.57	3
OC554	CO18587	8.22	52 1-	25 H OCR	0	0	766	167	196	27	111	0.00	5.57	0
CO18588	OC554	8.25	52 1-	4ACSR	0	0	762	166	196	27	20	0.04	5.60	12
CO18575	CO18588	8.34	51 1-	4ACSR	0	0	746	165	195	27	20	0.12	5.72	38
CO18576	CO18575	8.36	51 1-	4ACSR	0	0	744	165	195	27	20	0.02	5.74	6
CO18515	CO18576	8.41	47 1-	4ACSR	0	0	736	165	179	25	18	0.05	5.80	16
CO-1529038829	CO18515	8.46	3 1-	2ACSR	0	0	729	164	8	1	1	0.00	5.80	0
CO18516	CO18515	8.53	43 1-	4ACSR	0	0	717	163	168	23	17	0.13	5.93	37
CO18517	CO18516	8.59	40 1-	4ACSR	0	0	708	163	155	21	16	0.06	5.99	17
CO18518	CO18517	8.72	39 1-	4ACSR	0	0	689	161	155	21	16	0.12	6.11	31
CO18514	CO18518	8.73	38 1-	4ACSR	0	0	688	161	149	21	15	0.01	6.12	2
CO18513	CO18514	8.82	37 1-	4ACSR	0	0	674	160	141	20	14	0.08	6.20	19
CO18510	CO18513	8.91	36 1-	4ACSR	0	0	662	160	131	18	13	0.07	6.28	15
CO18511	CO18510	8.96	35 1-	4ACSR	0	0	655	159	123	17	12	0.04	6.32	8
CO18512	CO18511	9.24	34 1-	4ACSR	0	0	619	156	122	17	12	0.21	6.53	43
CO18541	CO18512	9.31	27 1-	4ACSR	0	0	610	156	96	13	10	0.04	6.57	7
CO18542	CO18541	9.35	26 1-	4ACSR	0	0	605	155	90	12	9	0.02	6.60	4
CO18397	CO18542	9.47	3 1-	4ACSR	0	0	591	154	10	1	1	0.01	6.61	0
CO18398	CO18397	9.61	3 1-	4ACSR	0	0	575	153	10	1	1	0.01	6.61	0
CO18399	CO18398	9.68	3 1-	4ACSR	0	0	567	152	10	1	1	0.00	6.62	0
CO18347	CO18399	9.74	2 1-	4ACSR	0	0	561	152	9	1	1	0.00	6.62	0
CO18602	CO18542	9.61	18 1-	4ACSR	0	0	575	153	58	8	6	0.10	6.70	10
CO18603	CO18602	9.64	18 1-	4ACSR	0	0	571	153	58	8	6	0.01	6.71	0
CO18432	CO18603	9.79	2 1-	4ACSR	0	0	556	151	5	0	1	0.00	6.71	0
CO18433	CO18432	9.86	1 1-	4ACSR	0	0	548	151	0	0	0	0.00	6.71	0
CO18338	CO18603	9.71	16 1-	4ACSR	0	0	564	152	53	7	5	0.02	6.73	0
CO18400	CO18338	9.80	11 1-	4ACSR	0	0	554	151	40	5	4	0.02	6.76	0
CO18401	CO18400	9.82	10 1-	4ACSR	0	0	552	151	40	5	4	0.00	6.76	0
CO18435	CO18401	9.86	5 1-	4ACSR	0	0	548	151	21	2	2	0.01	6.77	0
CO18577	CO18435	9.90	5 1-	4ACSR	0	0	544	150	21	2	2	0.01	6.77	0
CO18578	CO18577	10.00	4 1-	4ACSR	0	0	534	150	18	2	2	0.01	6.78	0
CO18436	CO18578	10.04	3 1-	4ACSR	0	0	530	149	11	1	1	0.00	6.78	0
CO-937693563	CO18436	10.05	1 1-	2ACSR	0	0	530	149	2	0	0	0.00	6.78	0
CO1450680722	CO-937693563	10.10	1 1-	2ACSR	0	0	525	149	2	0	0	0.00	6.78	0
CO184785507	CO1450680722	10.23	1 1-	2ACSR	0	0	516	148	2	0	0	0.00	6.78	0
CO18434	CO18401	9.95	5 1-	4ACSR	0	0	539	150	20	2	2	0.01	6.77	0
CO18479	CO18434	9.97	3 1-	4ACSR	0	0	537	150	10	1	1	0.00	6.77	0
CO18390	CO18479	10.08	1 1-	2ACSR	0	0	528	149	7	0	1	0.00	6.78	0
CO18480	CO18479	10.00	2 1-	4ACSR	0	0	534	150	3	0	0	0.00	6.77	0
CO18396	CO18338	9.78	5 1-	4ACSR	0	0	556	151	12	1	1	0.01	6.74	0
CO18534	CO18396	9.88	4 1-	4ACSR	0	0	546	151	12	1	1	0.01	6.74	0
CO30625	CO18534	10.18	3 1-	4ACSR	0	0	517	148	10	1	1	0.02	6.76	0
CO8041	CO30625	10.21	3 1-	4ACSR	0	0	514	148	10	1	1	0.00	6.76	0
CO7984	CO8041	10.27	2 1-	4ACSR	0	0	509	147	10	1	1	0.00	6.77	0
CO7956	CO8041	10.35	0 1-	4ACSR	0	0	502	147	0	0	0	0.00	6.76	0
CO30624	CO7956	10.61	0 1-	4ACSR	0	0	479	145	0	0	0	0.00	6.76	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30623	CO30624	10.68	0 1-	4ACSR	0	0	473	144	0	0	0	0.00	6.76	0
CO8169	CO7956	10.35	0 1-	4ACSR	0	0	501	147	0	0	0	0.00	6.76	0
SW214-A	CO8169	10.35	0 1-	Open	0	0	501	147	0	0	0	0.00	6.76	0
CO18532	CO18542	9.45	2 1-	4ACSR	0	0	593	154	12	1	1	0.01	6.60	0
CO18533	CO18532	9.48	1 1-	4ACSR	0	0	589	154	9	1	1	0.00	6.61	0
CO18389	CO18542	9.40	2 1-	2ACSR	0	0	600	155	10	1	1	0.00	6.60	0
CO18346	CO18512	9.31	1 1-	4ACSR	0	0	610	156	4	0	0	0.00	6.53	0
CO18317	CO18512	10.01	5 1-	4ACSR	0	0	533	149	16	2	2	0.08	6.61	2
CO18539	CO18317	10.06	3 1-	4ACSR	0	0	528	149	4	0	0	0.00	6.61	0
CO18540	CO18539	10.11	2 1-	4ACSR	0	0	524	149	4	0	0	0.00	6.61	0
CO18348	CO18317	10.34	2 1-	4ACSR	0	0	503	147	12	1	1	0.01	6.62	0
CO18345	CO18516	8.59	2 1-	4ACSR	0	0	707	163	11	1	1	0.00	5.93	0
CO18394	CO18576	8.45	4 1-	4ACSR	0	0	729	164	16	2	2	0.01	5.75	0
OC-2034053652	CO18394	8.45	4 1-	20 N FUSE	0	0	729	164	16	2	11	0.00	5.75	0
CO18395	OC-2034053652	8.70	4 1-	4ACSR	0	0	692	162	16	2	2	0.03	5.78	0
CO18351	CO18395	8.89	2 1-	4ACSR	0	0	665	160	9	1	1	0.01	5.78	0
CO18350	CO18395	8.81	2 1-	4ACSR	0	0	676	161	7	1	1	0.00	5.78	0
CO18342+	CO18521	8.05	2 1-	4ACSR	0	0	858	289	4	0	0	0.00	4.84	0
OC1827299518+	CO18342	8.05	0 1-	20 N FUSE	0	0	858	289	0	0	0	0.00	4.84	0
CO18343+	CO18316	7.89	3 1-	4ACSR	0	0	869	290	21	1	1	0.00	4.80	0
OC1794852827+	CO18343	7.89	0 1-	20 N FUSE	0	0	869	290	0	0	0	0.00	4.80	0
CO18428+	CO18525	7.85	2 1-	4ACSR	0	0	873	290	12	0	1	0.00	4.79	0
OC-1706448282+	CO18428	7.85	2 1-	20 N FUSE	0	0	873	290	12	0	4	0.00	4.79	0
CO18429+	OC-1706448282	7.89	2 1-	4ACSR	0	0	869	290	12	0	1	0.00	4.79	0
CO18344+	CO18581	7.71	4 1-	2ACSR	0	0	883	291	20	1	1	0.00	4.75	0
OC-584664452+	CO18344	7.71	2 1-	20 N FUSE	0	0	883	291	14	0	5	0.00	4.75	0
CO18529+	OC-584664452	7.80	2 1-	4ACSR	0	0	872	290	14	0	1	0.00	4.75	0
CO-425166645+	OC-584664452	7.76	0 1-	2ACSR	0	0	878	290	0	0	0	0.00	4.75	0
CO23807+	CO23808	7.68	1 1-	4ACSR	0	0	882	290	7	0	0	0.00	4.73	0
OC317145740+	CO23807	7.68	0 1-	20 N FUSE	0	0	882	290	0	0	0	0.00	4.73	0
CO18839+	CO18808	7.61	2 1-	4ACSR	0	0	882	290	10	0	0	0.00	4.68	0
OC-2105536747+	CO18839	7.61	0 1-	20 N FUSE	0	0	882	290	0	0	0	0.00	4.68	0
CO18840+	CO18809	7.35	1 1-	4ACSR	0	0	898	291	3	0	0	0.00	4.60	0
OC-1616278211+	CO18840	7.35	0 1-	20 N FUSE	0	0	898	291	0	0	0	0.00	4.60	0
CO23811+	CO23812	6.47	1 1-	4ACSR	0	0	982	298	0	0	0	0.00	4.26	0
OC-1343674190+	CO23811	6.47	0 1-	20 N FUSE	0	0	982	298	0	0	0	0.00	4.26	0
CO23810+	CO23812	6.48	1 1-	4ACSR	0	0	981	297	4	0	0	0.00	4.26	0
OC956496149+	CO23810	6.48	1 1-	20 N FUSE	0	0	981	297	4	0	1	0.00	4.26	0
CO18448+	OC956496149	6.52	1 1-	4ACSR	0	0	974	297	4	0	0	0.00	4.26	0
CO18354+	CO18319	6.39	2 1-	4ACSR	0	0	988	298	4	0	0	0.00	4.23	0
OC-1104650291+	CO18354	6.39	0 1-	20 N FUSE	0	0	988	298	0	0	0	0.00	4.23	0
CO18461+	CO18478	5.37	1 1-	2ACSR	0	0	1105	306	11	0	0	0.00	3.84	0
OC-1634582392+	CO18461	5.37	1 1-	20 N FUSE	0	0	1105	306	11	0	4	0.00	3.84	0
CO18462+	OC-1634582392	5.40	1 1-	2ACSR	0	0	1100	305	11	0	0	0.00	3.84	0
CO18362+	CO18472	5.27	1 1-	4ACSR	0	0	1116	306	11	0	1	0.00	3.76	0
OC35784613+	CO18362	5.27	0 1-	20 N FUSE	0	0	1116	306	0	0	0	0.00	3.76	0
CO18363+	CO18563	5.12	1 1-	4ACSR	0	0	1138	307	3	0	0	0.00	3.65	0
OC-754811537+	CO18363	5.12	0 1-	20 N FUSE	0	0	1138	307	0	0	0	0.00	3.65	0
CO18327+	CO18557	4.84	111 3-	1/0ACSR	1398	1332	1185	310	466	10	5	0.00	3.48	3
CO18559+	CO18327	4.92	107 3-	1/0ACSR	1385	1321	1173	310	414	9	4	0.01	3.49	4
CO18560+	CO18559	4.95	104 3-	1/0ACSR	1381	1316	1168	310	388	9	4	0.00	3.49	0
CO18376+	CO18560	4.99	1 1-	4ACSR	0	0	1160	309	4	0	0	0.00	3.49	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-811875650+	CO18376	4.99	0 1-	20 N FUSE	0	0	1160	309	0	0	0	0.00	3.49	0
CO18328+	CO18560	5.00	103 3-	1/0ACSR	1373	1309	1160	309	384	8	4	0.00	3.50	2
CO18596+	CO18328	5.01	0 1-	4ACSR	0	0	1159	309	0	0	0	0.00	3.50	0
CO18597+	CO18596	5.21	0 1-	4ACSR	0	0	1115	305	0	0	0	0.00	3.50	0
CO18415+	CO18328	5.08	102 3-	1/0ACSR	1360	1296	1147	308	380	8	4	0.01	3.50	4
CO18416+	CO18415	5.14	102 3-	1/0ACSR	1352	1288	1139	308	380	8	4	0.00	3.51	3
XFMR363	CO18416	5.14	98 1-	333 KVA 1PH AUT	0	0	888	171	365	25	111	0.99	4.49	0
CO18594	XFMR363	5.15	98 1-	4ACSR	0	0	886	171	365	51	37	0.02	4.51	9
OC557	CO18594	5.15	98 1-	50 L OCR	0	0	886	171	365	51	0	0.00	4.51	0
CO18595	OC557	5.25	98 1-	4ACSR	0	0	865	170	365	51	37	0.25	4.76	149
CO1935338141	CO18595	5.30	1 1-	2ACSR	0	0	857	169	7	0	1	0.00	4.76	0
CO18570	CO18595	5.31	97 1-	4ACSR	0	0	853	169	358	50	36	0.14	4.89	80
CO18569	CO18570	5.35	96 1-	4ACSR	0	0	846	169	349	49	35	0.08	4.97	46
CO18382	CO18569	5.46	1 1-	4ACSR	0	0	826	168	9	1	1	0.00	4.97	0
CO18329	CO18569	5.50	95 1-	4ACSR	0	0	817	167	340	47	34	0.32	5.30	181
CO18417	CO18329	5.63	88 1-	4ACSR	0	0	793	166	313	44	32	0.27	5.56	138
CO18418	CO18417	5.77	87 1-	4ACSR	0	0	769	164	310	43	31	0.26	5.83	136
CO18379	CO18418	5.83	1 1-	4ACSR	0	0	757	164	3	0	0	0.00	5.83	0
CO18330	CO18418	5.88	86 1-	4ACSR	0	0	750	163	307	43	31	0.22	6.04	111
CO18456	CO18330	6.07	2 1-	4ACSR	0	0	718	161	1	0	0	0.00	6.04	0
CO18457	CO18456	6.11	2 1-	4ACSR	0	0	711	161	1	0	0	0.00	6.04	0
CO18331	CO18330	6.06	83 1-	4ACSR	0	0	719	161	305	43	31	0.36	6.41	185
CO18378	CO18331	6.17	1 1-	4ACSR	0	0	702	160	1	0	0	0.00	6.41	0
CO18332	CO18331	6.16	81 1-	4ACSR	0	0	703	160	299	42	30	0.20	6.60	98
CO18455	CO18332	6.44	0 1-	4ACSR	0	0	661	158	0	0	0	0.00	6.60	0
CO30626	CO18455	6.50	0 1-	4ACSR	0	0	653	157	0	0	0	0.00	6.60	0
CO8111	CO30626	6.56	0 1-	4ACSR	0	0	644	157	0	0	0	0.00	6.60	0
CO18337	CO18332	6.34	81 1-	4ACSR	0	0	676	159	299	42	30	0.33	6.94	167
CO30627	CO18337	6.36	80 1-	4ACSR	0	0	673	158	295	42	30	0.04	6.98	22
CO8053	CO30627	6.38	79 1-	4ACSR	0	0	670	158	293	41	30	0.04	7.02	19
CO8086	CO8053	6.40	78 1-	4ACSR	0	0	667	158	291	41	30	0.03	7.05	15
CO8122	CO8086	6.44	1 1-	2ACSR	0	0	662	158	6	0	0	0.00	7.05	0
CO8123	CO8122	6.47	1 1-	2ACSR	0	0	658	158	6	0	0	0.00	7.05	0
CO8085	CO8086	6.47	77 1-	4ACSR	0	0	656	157	285	40	29	0.14	7.20	69
CO8051	CO8085	6.55	4 1-	4ACSR	0	0	646	157	12	1	1	0.01	7.20	0
CO8052	CO8051	6.76	3 1-	4ACSR	0	0	618	155	9	1	1	0.01	7.21	0
CO30628	CO8052	6.93	2 1-	4ACSR	0	0	597	153	3	0	0	0.00	7.22	0
CO18176	CO30628	7.19	2 1-	4ACSR	0	0	566	151	3	0	0	0.01	7.22	0
CO18177	CO18176	7.32	2 1-	4ACSR	0	0	552	150	3	0	0	0.00	7.22	0
CO18297	CO18177	7.36	1 1-	2ACSR	0	0	548	150	0	0	0	0.00	7.22	0
CO18301	CO18297	7.49	1 1-	2ACSR	0	0	537	149	0	0	0	0.00	7.22	0
CO18298	CO18301	7.55	1 1-	2ACSR	0	0	533	148	0	0	0	0.00	7.22	0
CO18300	CO18298	7.71	1 1-	2ACSR	0	0	521	148	0	0	0	0.00	7.22	0
CO18299	CO18300	7.78	1 1-	2ACSR	0	0	515	147	0	0	0	0.00	7.22	0
CO8001	CO8052	6.81	1 1-	4ACSR	0	0	611	154	6	0	1	0.00	7.21	0
CO8049	CO8085	6.50	72 1-	4ACSR	0	0	653	157	272	38	28	0.04	7.23	17
CO8050	CO8049	6.59	71 1-	4ACSR	0	0	640	156	250	35	26	0.15	7.38	63
CO7971	CO8050	6.75	56 1-	4ACSR	0	0	619	155	204	29	21	0.21	7.60	74
OC-2039589854	CO7971	6.75	56 1-	20 N FUSE	0	0	619	155	203	29	146	0.00	7.60	0
CO8002	OC-2039589854	6.83	1 1-	4ACSR	0	0	609	154	8	1	1	0.00	7.60	0
CO7972	OC-2039589854	7.01	55 1-	4ACSR	0	0	586	152	196	28	20	0.34	7.93	112
CO8164	CO7972	7.02	35 1-	4ACSR	0	0	586	152	116	16	12	0.01	7.94	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC212	CO8164	7.02	35 1-	20 N FUSE	0	0	586	152	116	16	84	0.00	7.94	0
CO8165	OC212	7.13	35 1-	4ACSR	0	0	573	151	116	16	12	0.09	8.03	17
CO8380	CO8165	7.39	35 1-	4ACSR	0	0	544	149	116	16	12	0.20	8.22	39
CO7910	CO8380	7.51	4 1-	4ACSR	0	0	532	148	13	1	1	0.01	8.23	0
CO7802	CO7910	7.68	2 1-	4ACSR	0	0	516	147	2	0	0	0.00	8.23	0
CO7911	CO7910	7.55	2 1-	4ACSR	0	0	529	148	11	1	1	0.00	8.23	0
CO7833	CO8380	7.46	29 1-	4ACSR	0	0	537	149	103	14	11	0.04	8.27	8
CO7837	CO7833	7.95	29 1-	4ACSR	0	0	491	145	103	14	11	0.33	8.60	58
OC-1943829210	CO7837	7.95	29 1-	15 H OCR	0	0	491	145	103	14	99	0.00	8.60	0
CO7835	OC-1943829210	8.01	29 1-	4ACSR	0	0	486	144	103	14	11	0.04	8.64	7
CO7834	CO7835	8.09	28 1-	4ACSR	0	0	479	143	100	14	10	0.05	8.69	9
CO7836	CO7834	8.16	27 1-	4ACSR	0	0	473	143	99	14	10	0.05	8.74	8
CO7905	CO7836	8.27	1 1-	4ACSR	0	0	464	142	3	0	0	0.00	8.74	0
CO7904	CO7905	8.35	1 1-	4ACSR	0	0	459	141	3	0	0	0.00	8.74	0
CO7830	CO7836	8.33	25 1-	4ACSR	0	0	460	142	94	13	10	0.11	8.84	17
CO7832	CO7830	8.46	24 1-	4ACSR	0	0	450	141	94	13	10	0.08	8.92	13
CO7831	CO7832	8.57	22 1-	4ACSR	0	0	442	140	93	13	10	0.06	8.99	10
CO7909	CO7831	8.70	10 1-	4ACSR	0	0	433	139	44	6	5	0.03	9.02	0
CO7907	CO7909	8.77	7 1-	4ACSR	0	0	428	138	23	3	2	0.01	9.03	0
CO7935	CO7907	8.83	1 1-	2ACSR	0	0	425	138	0	0	0	0.00	9.03	0
CO7934	CO7907	8.82	1 1-	2ACSR	0	0	425	138	13	1	1	0.00	9.03	0
CO7906	CO7907	8.87	2 1-	4ACSR	0	0	421	138	4	0	0	0.00	9.03	0
CO7908	CO7906	8.91	1 1-	4ACSR	0	0	418	137	4	0	0	0.00	9.03	0
CO7839	CO7831	8.72	12 1-	4ACSR	0	0	431	139	49	7	5	0.05	9.04	4
CO7838	CO7839	9.00	10 1-	4ACSR	0	0	413	137	45	6	5	0.08	9.12	6
CO7913	CO7838	9.04	3 1-	4ACSR	0	0	410	136	8	1	1	0.00	9.12	0
CO7912	CO7913	9.10	2 1-	4ACSR	0	0	406	136	8	1	1	0.00	9.12	0
CO7914	CO7912	9.15	1 1-	4ACSR	0	0	403	136	3	0	0	0.00	9.12	0
CO7841	CO7838	9.04	7 1-	4ACSR	0	0	410	136	37	5	4	0.01	9.13	0
CO7840	CO7841	9.10	5 1-	4ACSR	0	0	407	136	27	3	3	0.01	9.14	0
CO-2097389565	CO7840	9.15	1 1-	2ACSR	0	0	404	136	10	1	1	0.00	9.14	0
CO7842	CO7840	9.21	3 1-	4ACSR	0	0	400	135	9	1	1	0.01	9.14	0
CO7803	CO7842	9.27	1 1-	4ACSR	0	0	396	135	5	0	1	0.00	9.14	0
CO7915	CO7842	9.35	2 1-	4ACSR	0	0	392	134	4	0	0	0.00	9.15	0
CO7916	CO7915	9.50	1 1-	4ACSR	0	0	383	133	3	0	0	0.00	9.15	0
CO7804	CO7915	9.38	1 1-	4ACSR	0	0	390	134	1	0	0	0.00	9.15	0
CO7973	CO7972	7.12	19 1-	4ACSR	0	0	574	152	79	11	8	0.05	7.99	7
CO8087	CO7973	7.18	16 1-	4ACSR	0	0	567	151	69	9	7	0.03	8.01	3
CO8088	CO8087	7.28	16 1-	4ACSR	0	0	557	150	69	9	7	0.04	8.06	5
CO8008	CO8088	7.34	0 1-	4ACSR	0	0	550	150	0	0	0	0.00	8.06	0
CO7975	CO8088	7.38	14 1-	4ACSR	0	0	546	149	51	7	5	0.03	8.09	3
CO8117	CO7975	7.46	2 1-	4ACSR	0	0	537	149	5	0	1	0.00	8.09	0
CO8119	CO8117	7.50	2 1-	4ACSR	0	0	534	148	5	0	1	0.00	8.09	0
CO8118	CO8119	7.70	1 1-	4ACSR	0	0	513	147	3	0	0	0.00	8.10	0
CO8054	CO7975	7.50	11 1-	4ACSR	0	0	534	148	40	5	4	0.03	8.12	0
CO8145	CO8054	7.85	10 1-	4ACSR	0	0	500	145	40	5	4	0.09	8.21	6
CO8146	CO8145	7.95	9 1-	4ACSR	0	0	491	145	34	4	4	0.02	8.23	0
CO8006	CO8146	8.02	0 1-	4ACSR	0	0	485	144	0	0	0	0.00	8.23	0
CO7976	CO8146	8.08	8 1-	4ACSR	0	0	480	144	32	4	3	0.03	8.26	0
CO8166	CO7976	8.09	6 1-	4ACSR	0	0	479	143	27	3	3	0.00	8.26	0
OC213	CO8166	8.09	6 1-	10 H OCR	0	0	479	143	27	3	39	0.00	8.26	0
CO8167	OC213	8.17	6 1-	4ACSR	0	0	472	143	27	3	3	0.01	8.27	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8092	CO8167	8.45	4 1-	4ACSR	0	0	451	141	19	2	2	0.03	8.30	0
CO8093	CO8092	8.58	4 1-	4ACSR	0	0	441	140	19	2	2	0.02	8.32	0
CO30655	CO8093	8.84	4 1-	4ACSR	0	0	423	138	19	2	2	0.03	8.35	0
CO7900	CO30655	8.95	3 1-	4ACSR	0	0	416	137	17	2	2	0.01	8.36	0
CO7903	CO7900	9.02	3 1-	4ACSR	0	0	411	136	17	2	2	0.01	8.37	0
CO7901	CO7903	9.11	1 1-	4ACSR	0	0	406	136	10	1	1	0.01	8.38	0
CO7902	CO7901	9.16	1 1-	4ACSR	0	0	403	135	10	1	1	0.00	8.38	0
CO8174	CO8093	8.58	0 1-	4ACSR	0	0	441	140	0	0	0	0.00	8.32	0
SW217-B	CO8174	8.58	0 1-	Closed	0	0	441	140	0	0	0	0.00	8.32	0
SW217-A	SW217-B	8.58	0 1-	Closed	0	0	441	140	0	0	0	0.00	8.32	0
CO8175	SW217-A	8.71	0 1-	4ACSR	0	0	432	139	0	0	0	0.00	8.32	0
CO8381	CO8175	8.98	0 1-	4ACSR	0	0	414	137	0	0	0	0.00	8.32	0
CO7843	CO8381	9.01	0 1-	4ACSR	0	0	412	137	0	0	0	0.00	8.32	0
CO17314	CO7843	9.59	0 1-	4ACSR	0	0	378	132	0	0	0	0.00	8.32	0
CO17315	CO17314	9.60	0 1-	4ACSR	0	0	378	132	0	0	0	0.00	8.32	0
CO8089	CO8167	8.48	2 1-	4ACSR	0	0	448	140	8	1	1	0.02	8.29	0
CO1689484997	CO8089	8.54	1 1-	1/0PRIURD	0	0	446	258	8	1	1	0.00	8.29	0
CO8091	CO8089	8.50	1 1-	4ACSR	0	0	447	140	0	0	0	0.00	8.29	0
CO8090	CO8091	8.69	0 1-	4ACSR	0	0	433	139	0	0	0	0.00	8.29	0
CO8005	CO7976	8.12	2 1-	4ACSR	0	0	476	143	5	0	1	0.00	8.26	0
CO7974	CO8088	7.48	2 1-	4ACSR	0	0	535	148	18	2	2	0.02	8.08	0
CO8120	CO7974	7.62	1 1-	4ACSR	0	0	522	147	2	0	0	0.00	8.08	0
CO8121	CO8120	7.69	1 1-	4ACSR	0	0	514	147	2	0	0	0.00	8.08	0
CO8004	CO7974	7.51	1 1-	4ACSR	0	0	532	148	16	2	2	0.00	8.08	0
CO8003	CO7974	7.52	0 1-	4ACSR	0	0	531	148	0	0	0	0.00	8.08	0
CO8007	CO7973	7.19	1 1-	4ACSR	0	0	566	151	5	0	0	0.00	7.99	0
CO7968	CO8050	6.74	15 1-	4ACSR	0	0	620	155	46	6	5	0.05	7.43	4
OC1799535544	CO7968	6.74	15 1-	20 N FUSE	0	0	620	155	46	6	33	0.00	7.43	0
CO7998	OC1799535544	6.78	2 1-	4ACSR	0	0	615	155	12	1	1	0.00	7.43	0
CO7970	OC1799535544	6.82	13 1-	4ACSR	0	0	611	154	34	4	3	0.02	7.44	0
CO8057	CO7970	6.91	11 1-	4ACSR	0	0	599	153	23	3	2	0.01	7.46	0
CO8058	CO8057	7.00	10 1-	4ACSR	0	0	589	153	23	3	2	0.01	7.47	0
CO8056	CO8058	7.15	9 1-	4ACSR	0	0	571	151	23	3	2	0.02	7.49	0
CO8113	CO8056	7.18	1 1-	4ACSR	0	0	568	151	0	0	0	0.00	7.49	0
CO8112	CO8113	7.20	1 1-	4ACSR	0	0	565	151	0	0	0	0.00	7.49	0
CO8084	CO8056	7.33	8 1-	4ACSR	0	0	551	150	23	3	2	0.03	7.52	0
CO8083	CO8084	7.41	8 1-	4ACSR	0	0	542	149	23	3	2	0.01	7.53	0
CO8116	CO8083	7.55	3 1-	4ACSR	0	0	528	148	3	0	0	0.00	7.53	0
CO8114	CO8116	7.61	2 1-	4ACSR	0	0	523	147	0	0	0	0.00	7.53	0
CO8115	CO8114	7.72	1 1-	4ACSR	0	0	512	146	0	0	0	0.00	7.53	0
CO7969	CO8083	7.44	5 1-	4ACSR	0	0	539	149	20	2	2	0.00	7.54	0
CO8147	CO7969	7.50	0 1-	4ACSR	0	0	534	148	0	0	0	0.00	7.54	0
CO8149	CO8147	7.62	0 1-	4ACSR	0	0	522	147	0	0	0	0.00	7.54	0
CO8148	CO8149	7.73	0 1-	4ACSR	0	0	511	146	0	0	0	0.00	7.54	0
CO8055	CO8148	7.79	0 1-	4ACSR	0	0	506	146	0	0	0	0.00	7.54	0
CO8082	CO7969	7.53	4 1-	4ACSR	0	0	530	148	17	2	2	0.01	7.54	0
CO-661667257	CO8082	7.60	1 1-	4ACSR	0	0	524	147	8	1	1	0.00	7.54	0
CO-1018856131	CO8082	7.71	2 1-	2ACSR	0	0	516	147	0	0	0	0.00	7.54	0
CO-352988509	CO-1018856131	7.79	1 1-	1/0PRIURD	0	0	513	282	0	0	0	0.00	7.54	0
CO-974648861	CO-1018856131	7.84	1 1-	2ACSR	0	0	507	146	0	0	0	0.00	7.54	0
CO8081	CO-974648861	7.92	1 1-	4ACSR	0	0	499	146	0	0	0	0.00	7.54	0
CO7999	CO7970	6.89	2 1-	4ACSR	0	0	601	154	11	1	1	0.00	7.45	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8000	CO8053	6.47	1 1-	4ACSR	0	0	658	157	2	0	0	0.00	7.02	0
CO18386	CO18337	6.37	1 1-	4ACSR	0	0	671	158	3	0	0	0.00	6.94	0
CO18381	CO18329	5.60	1 1-	4ACSR	0	0	800	166	8	1	1	0.00	5.30	0
CO18380	CO18329	5.61	3 1-	4ACSR	0	0	796	166	7	0	1	0.00	5.30	0
CO18377+	CO18416	5.19	2 1-	4ACSR	0	0	1127	307	12	0	1	0.00	3.51	0
OC-1695779267+	CO18377	5.19	0 1-	20 N FUSE	0	0	1127	307	0	0	0	0.00	3.51	0
CO18375+	CO18327	4.96	1 1-	4ACSR	0	0	1158	308	12	0	1	0.00	3.49	0
OC-1113607097+	CO18375	4.96	0 1-	20 N FUSE	0	0	1158	308	0	0	0	0.00	3.49	0
CO18258+	CO1197239777	3.19	5 1-	4ACSR	0	0	1579	332	14	0	1	0.00	1.56	0
CO18256+	CO18258	3.26	3 1-	4ACSR	0	0	1554	331	3	0	0	0.00	1.56	0
CO18146+	CO18256	3.31	0 1-	4ACSR	0	0	1538	330	0	0	0	0.00	1.56	0
CO18143+	CO18256	3.34	3 1-	4ACSR	0	0	1525	329	3	0	0	0.00	1.56	0
CO18178+	CO18256	3.35	0 1-	4ACSR	0	0	1522	329	0	0	0	0.00	1.56	0
CO18255+	CO1197239777	3.19	1 1-	4ACSR	0	0	1581	332	5	0	0	0.00	1.56	0
CO18254+	CO18109	2.96	2 1-	4ACSR	0	0	1610	332	14	0	1	0.00	1.47	0
OC-632782611+	CO18254	2.96	1 1-	20 N FUSE	0	0	1610	332	10	0	3	0.00	1.47	0
CO18253+	OC-632782611	3.01	1 1-	4ACSR	0	0	1591	331	10	0	0	0.00	1.47	0
CO18160+	CO18181	2.62	0 1-	2ACSR	0	0	1694	335	0	0	0	0.00	1.38	0
CO18185+	OH119	2.00	1 1-	4ACSR	0	0	1842	338	0	0	0	0.00	1.20	0
CO18136+	CO18111	1.75	1 1-	4ACSR	0	0	1895	338	9	0	0	0.00	1.11	0
CO18135+	CO18111	1.73	1 1-	4ACSR	0	0	1907	339	1	0	0	0.00	1.11	0
CO18113+	CO18111	1.74	8 1-	4ACSR	0	0	1901	338	17	1	1	0.00	1.11	0
CO18187+	CO18113	1.97	8 1-	4ACSR	0	0	1790	334	17	1	1	0.01	1.12	0
CO18310+	CO18187	2.01	8 1-	4ACSR	0	0	1768	333	17	1	1	0.00	1.12	0
OC1134132944+	CO18310	2.01	8 1-	20 N FUSE	0	0	1768	333	17	1	6	0.00	1.12	0
CO18309+	OC1134132944	2.12	1 1-	4ACSR	0	0	1718	330	5	0	0	0.00	1.12	0
CO18243+	OC1134132944	2.06	7 1-	4ACSR	0	0	1747	332	12	0	1	0.00	1.12	0
CO18303+	CO18243	2.14	1 1-	2ACSR	0	0	1714	330	5	0	0	0.00	1.12	0
CO18302+	CO18303	2.16	1 1-	2ACSR	0	0	1706	330	5	0	0	0.00	1.12	0
CO18242+	CO18243	2.16	5 1-	4ACSR	0	0	1699	330	2	0	0	0.00	1.12	0
CO18296+	CO18242	2.21	3 1-	4ACSR	0	0	1680	329	0	0	0	0.00	1.12	0
CO18295+	CO18296	2.21	2 1-	4ACSR	0	0	1676	329	0	0	0	0.00	1.12	0
CO18292+	CO18242	2.24	2 1-	4ACSR	0	0	1665	328	2	0	0	0.00	1.12	0
CO18294+	CO18292	2.37	2 1-	4ACSR	0	0	1609	325	2	0	0	0.00	1.12	0
CO18293+	CO18294	2.44	2 1-	4ACSR	0	0	1582	324	2	0	0	0.00	1.12	0
CO18274+	CO-1789048581	0.88	1 1-	4ACSR	0	0	2303	349	0	0	0	0.00	0.28	0
CO18272+	CO-1789048581	0.94	0 1-	4ACSR	0	0	2262	348	0	0	0	0.00	0.28	0
CO18275+	CO1682207591	0.85	1 1-	4ACSR	0	0	2311	349	9	0	0	0.00	0.27	0
CO18264+	CO-1310199621	0.29	2 1-	4ACSR	0	0	2554	352	14	0	1	0.00	0.09	0
CO18266+	CO18264	0.33	2 1-	4ACSR	0	0	2526	351	14	0	1	0.00	0.09	0
CO188965150+	CO-1734132280	0.01	316 3-	336ACSR	2527	2699	2700	353	1436	32	6	0.00	0.00	0
Burtonville+	CO188965150	0.01	316 3-	560 200WVE	2527	2699	2700	353	1436	32	6	0.00	0.00	0
CO-564722569+	Burtonville	0.01	316 3-	336ACSR	2526	2698	2700	353	1436	32	6	0.00	0.00	0
CO-1353315640+	CO-564722569	0.03	316 3-	2ACSR	2517	2681	2683	353	1436	32	18	0.01	0.01	21
CO-1724636343+	CO-1353315640	0.14	316 3-	2ACSR	2470	2598	2604	351	1436	32	18	0.05	0.06	104
CO18117+	CO-1724636343	0.24	316 3-	1/0ACSR	2432	2536	2541	350	1435	32	14	0.03	0.09	58
CO18153+	CO18117	0.28	2 1-	4ACSR	0	0	2508	349	14	0	1	0.00	0.09	0
CO18214+	CO18117	0.28	314 3-	1/0ACSR	2413	2507	2511	350	1421	32	14	0.01	0.10	28
CO18215+	CO18214	0.37	314 3-	1/0ACSR	2378	2453	2455	349	1421	32	14	0.03	0.13	54
CO18201+	CO18215	0.47	24 1-	4ACSR	0	0	2383	347	57	3	3	0.01	0.13	0
CO18203+	CO18201	0.57	24 1-	4ACSR	0	0	2307	345	57	3	3	0.01	0.14	0

Substation Power Factor: 0.98

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18202+	CO18203	0.79	24 1-	4ACSR	0	0	2159	340	57	3	3	0.02	0.16	0
CO18306+	CO18202	0.79	24 1-	4ACSR	0	0	2154	340	57	3	3	0.00	0.16	0
OC549+	CO18306	0.79	24 1-	35 E OCR	0	0	2154	340	57	3	11	0.00	0.16	0
CO18307+	OC549	0.87	24 1-	4ACSR	0	0	2102	338	57	3	3	0.01	0.17	0
CO18204+	CO18307	0.89	24 1-	4ACSR	0	0	2090	338	57	3	3	0.00	0.17	0
CO18206+	CO18204	1.40	22 1-	4ACSR	0	0	1791	327	50	3	2	0.04	0.21	3
CO18205+	CO18206	1.45	21 1-	4ACSR	0	0	1766	326	45	3	2	0.00	0.21	0
CO18151+	CO18205	1.54	1 1-	4ACSR	0	0	1718	324	6	0	0	0.00	0.21	0
CO18150+	CO18205	1.54	1 1-	4ACSR	0	0	1718	324	0	0	0	0.00	0.21	0
CO18116+	CO18205	1.53	14 1-	4ACSR	0	0	1721	325	33	2	2	0.00	0.22	0
CO18152+	CO18116	1.58	1 1-	4ACSR	0	0	1698	324	2	0	0	0.00	0.22	0
CO18213+	CO18116	1.70	5 1-	4ACSR	0	0	1640	321	8	0	0	0.00	0.22	0
CO23839+	CO18213	1.78	4 1-	4ACSR	0	0	1606	320	7	0	0	0.00	0.22	0
CO17865+	CO23839	2.17	4 1-	4ACSR	0	0	1447	312	7	0	0	0.00	0.22	0
CO17866+	CO17865	2.39	3 1-	4ACSR	0	0	1368	308	6	0	0	0.00	0.22	0
CO17863+	CO17866	2.51	2 1-	4ACSR	0	0	1331	306	5	0	0	0.00	0.22	0
CO17864+	CO17863	2.56	0 1-	4ACSR	0	0	1315	306	0	0	0	0.00	0.22	0
CO17862+	CO17864	2.68	0 1-	4ACSR	0	0	1278	303	0	0	0	0.00	0.22	0
CO17868+	CO17862	2.88	0 1-	4ACSR	0	0	1222	300	0	0	0	0.00	0.22	0
CO17867+	CO17868	2.98	0 1-	4ACSR	0	0	1193	298	0	0	0	0.00	0.22	0
CO23840+	CO18116	1.77	8 1-	4ACSR	0	0	1612	320	23	1	1	0.01	0.22	0
CO17945+	CO23840	1.80	1 1-	2ACSR	0	0	1600	320	1	0	0	0.00	0.22	0
CO17946+	CO17945	1.84	1 1-	2ACSR	0	0	1586	319	1	0	0	0.00	0.22	0
CO17876+	CO23840	2.00	2 1-	4ACSR	0	0	1513	316	4	0	0	0.00	0.22	0
CO17874+	CO17876	2.09	2 1-	4ACSR	0	0	1478	314	4	0	0	0.00	0.22	0
CO17875+	CO17874	2.15	1 1-	4ACSR	0	0	1454	313	4	0	0	0.00	0.22	0
CO17877+	CO17875	2.22	1 1-	4ACSR	0	0	1429	312	4	0	0	0.00	0.22	0
CO17873+	CO17877	2.63	1 1-	4ACSR	0	0	1292	304	4	0	0	0.00	0.23	0
CO17931+	CO17873	2.71	0 1-	4ACSR	0	0	1269	303	0	0	0	0.00	0.23	0
CO17930+	CO17931	2.83	0 1-	4ACSR	0	0	1235	301	0	0	0	0.00	0.23	0
CO17846+	CO17873	2.77	1 1-	4ACSR	0	0	1253	302	4	0	0	0.00	0.23	0
CO17871+	CO23840	2.20	3 1-	4ACSR	0	0	1438	312	7	0	0	0.00	0.23	0
CO17870+	CO17871	2.39	2 1-	4ACSR	0	0	1371	309	7	0	0	0.00	0.23	0
CO17872+	CO17870	2.43	0 1-	4ACSR	0	0	1356	308	0	0	0	0.00	0.23	0
CO17869+	CO17872	2.63	0 1-	4ACSR	0	0	1293	304	0	0	0	0.00	0.23	0
CO18207+	CO18205	1.63	4 1-	4ACSR	0	0	1672	323	6	0	0	0.00	0.21	0
CO18212+	CO18207	1.72	4 1-	4ACSR	0	0	1634	321	6	0	0	0.00	0.21	0
CO18211+	CO18212	1.81	3 1-	4ACSR	0	0	1595	319	5	0	0	0.00	0.21	0
CO18208+	CO18211	1.91	2 1-	4ACSR	0	0	1550	317	0	0	0	0.00	0.21	0
CO18210+	CO18208	1.97	1 1-	4ACSR	0	0	1525	316	0	0	0	0.00	0.21	0
CO18209+	CO18210	2.01	1 1-	4ACSR	0	0	1508	315	0	0	0	0.00	0.21	0
CO23841+	CO18209	2.26	0 1-	4ACSR	0	0	1415	311	0	0	0	0.00	0.21	0
CO18199+	CO18215	0.54	289 3-	1/0ACSR	2314	2359	2355	347	1358	30	13	0.05	0.17	92
CO18197+	CO18199	0.85	289 3-	1/0ACSR	2204	2208	2190	344	1357	30	13	0.08	0.26	169
CO18198+	CO18197	0.99	289 3-	1/0ACSR	2157	2147	2121	343	1357	30	13	0.04	0.29	76
CO18200+	CO18198	1.01	288 3-	1/0ACSR	2151	2140	2113	342	1349	30	13	0.00	0.30	9
CO18196+	CO18200	1.15	288 3-	1/0ACSR	2106	2084	2050	341	1349	30	13	0.04	0.34	74
CO18262+	CO18196	1.21	0 1-	4ACSR	0	0	2013	340	0	0	0	0.00	0.34	0
CO18261+	CO18262	1.22	0 1-	4ACSR	0	0	2006	339	0	0	0	0.00	0.34	0
CO18263+	CO18261	1.35	0 1-	4ACSR	0	0	1932	336	0	0	0	0.00	0.34	0
CO18247+	CO18196	1.26	288 3-	1/0ACSR	2070	2041	2000	340	1349	30	13	0.03	0.37	62
CO18248+	CO18247	1.32	288 3-	1/0ACSR	2052	2019	1975	339	1349	30	13	0.02	0.38	32

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18246+	CO18248	1.45	288 3-	1/0ACSR	2012	1971	1921	338	1348	30	13	0.04	0.42	72
CO18244+	CO18246	1.51	287 3-	1/0ACSR	1994	1951	1897	337	1344	30	13	0.02	0.44	32
CO18245+	CO18244	1.59	287 3-	1/0ACSR	1972	1923	1867	336	1344	30	13	0.02	0.46	42
CO18149+	CO18245	1.67	1 1-	4ACSR	0	0	1829	335	1	0	0	0.00	0.46	0
CO18312+	CO18245	1.72	286 3-	1/0ACSR	1934	1882	1819	335	1342	30	13	0.04	0.49	71
CO18195+	CO18312	1.75	286 3-	1/0ACSR	1926	1872	1807	335	1342	30	13	0.01	0.50	17
CO18714+	CO18195	1.81	286 3-	1/0ACSR	1910	1855	1787	334	1342	30	13	0.02	0.52	30
CO18713+	CO18714	1.84	286 3-	1/0ACSR	1901	1845	1776	334	1342	30	13	0.01	0.53	18
CO18712+	CO18713	1.98	284 3-	1/0ACSR	1866	1806	1731	333	1322	30	13	0.04	0.56	69
CO18637+	CO18712	2.01	1 1-	4ACSR	0	0	1714	332	11	0	1	0.00	0.56	0
CO18710+	CO18712	2.05	1 1-	4ACSR	0	0	1697	331	18	1	1	0.00	0.56	0
CO18711+	CO18710	2.09	1 1-	4ACSR	0	0	1681	330	18	1	1	0.00	0.56	0
CO18709+	CO18712	2.07	281 3-	1/0ACSR	1842	1779	1701	332	1292	29	13	0.02	0.59	46
CO18708+	CO18709	2.16	281 3-	1/0ACSR	1818	1755	1671	331	1292	29	13	0.02	0.61	47
CO18772+	CO18708	2.22	5 1-	4ACSR	0	0	1646	329	9	0	0	0.00	0.61	0
CO18773+	CO18772	2.33	4 1-	4ACSR	0	0	1604	327	5	0	0	0.00	0.61	0
CO18715+	CO18773	2.40	4 1-	4ACSR	0	0	1574	326	5	0	0	0.00	0.61	0
CO18636+	CO18715	2.48	1 1-	4ACSR	0	0	1545	324	0	0	0	0.00	0.61	0
CO18716+	CO18715	2.61	3 1-	4ACSR	0	0	1496	322	5	0	0	0.00	0.61	0
CO18774+	CO18716	2.63	3 1-	4ACSR	0	0	1487	321	5	0	0	0.00	0.61	0
CO18775+	CO18774	2.79	2 1-	4ACSR	0	0	1434	318	3	0	0	0.00	0.61	0
CO18613+	CO18775	2.87	1 1-	4ACSR	0	0	1405	317	3	0	0	0.00	0.61	0
CO18614+	CO18613	3.14	0 1-	4ACSR	0	0	1321	312	0	0	0	0.00	0.61	0
CO18719+	CO18613	2.95	1 1-	4ACSR	0	0	1380	315	3	0	0	0.00	0.61	0
CO18720+	CO18719	2.99	1 1-	4ACSR	0	0	1368	314	3	0	0	0.00	0.61	0
CO18717+	CO18775	2.90	1 1-	4ACSR	0	0	1396	316	0	0	0	0.00	0.61	0
CO18718+	CO18717	2.96	0 1-	4ACSR	0	0	1378	315	0	0	0	0.00	0.61	0
CO18760+	CO18708	2.27	276 3-	1/0ACSR	1791	1726	1638	330	1283	29	13	0.03	0.64	54
CO18759+	CO18760	2.33	276 3-	1/0ACSR	1776	1710	1620	329	1282	29	13	0.02	0.65	30
CO18707+	CO18759	2.40	275 3-	1/0ACSR	1760	1693	1600	328	1278	29	13	0.02	0.67	34
CO18706+	CO18707	2.50	275 3-	1/0ACSR	1736	1668	1571	327	1277	29	13	0.03	0.70	50
CO18705+	CO18706	2.58	275 3-	1/0ACSR	1718	1650	1551	327	1277	29	13	0.02	0.72	37
CO18762+	CO18705	2.64	275 3-	1/0ACSR	1705	1636	1535	326	1277	29	13	0.01	0.73	28
CO18761+	CO18762	2.66	275 3-	1/0ACSR	1701	1631	1530	326	1277	29	13	0.01	0.74	10
CO18617+	CO18761	2.80	272 3-	1/0ACSR	1670	1599	1494	324	1274	29	13	0.04	0.77	69
CO18643+	CO18617	2.84	1 1-	4ACSR	0	0	1481	324	13	0	1	0.00	0.78	0
CO18771+	CO18617	2.85	268 3-	1/0ACSR	1659	1588	1481	324	1247	28	12	0.01	0.79	23
CO18770+	CO18771	2.90	268 3-	1/0ACSR	1649	1578	1469	323	1247	28	12	0.01	0.80	22
CO18769+	CO18770	2.92	266 3-	1/0ACSR	1644	1574	1465	323	1241	28	12	0.01	0.80	9
CO18634+	CO18769	2.99	0 1-	4ACSR	0	0	1439	322	0	0	0	0.00	0.80	0
CO18768+	CO18769	2.94	265 3-	1/0ACSR	1640	1569	1460	323	1241	28	12	0.01	0.81	10
CO18802+	CO18768	2.96	265 3-	1/0ACSR	1636	1565	1455	323	1241	28	12	0.00	0.81	9
CO18801+	CO18802	3.22	264 3-	1/0ACSR	1583	1511	1394	320	1237	28	12	0.07	0.88	121
CO18792+	CO18801	3.50	263 3-	1/0ACSR	1530	1458	1336	318	1233	28	12	0.07	0.95	126
OC238601700+	CO18792	3.50	263 3-	20 N FUSE	1530	1458	1336	318	1232	28	141	0.00	0.95	0
CO18791+	OC238601700	3.51	263 3-	1/0ACSR	1529	1457	1335	318	1232	28	12	0.00	0.95	3
OC566+	CO18791	3.51	263 3-	50 L OCR	1529	1457	1335	318	1232	28	0	0.00	0.95	0
CO18755+	OC566	3.52	206 3-	1/0ACSR	1527	1455	1333	318	1035	23	10	0.00	0.95	3
CO18756+	CO18755	3.55	206 3-	1/0ACSR	1522	1450	1327	317	1035	23	10	0.01	0.96	9
OC2126572731+	CO18756	3.55	206 3-	100 L OCR	1522	1450	1327	317	1035	23	24	0.00	0.96	0
XFMR95	OC2126572731	3.55	206 3-	333 KVA 1PH AUT	977	965	934	172	1035	23	103	0.93	1.89	0
CO18797	XFMR95	3.67	206 3-	1/0ACSR	962	948	913	172	1035	47	21	0.10	1.99	159

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18798	CO18797	3.95	206 3-	1/0ACSR	927	909	867	170	1034	47	21	0.24	2.23	369
CO18652	CO18798	4.09	205 3-	1/0ACSR	912	892	847	170	1033	47	21	0.11	2.34	169
CO18653	CO18652	4.16	205 3-	1/0ACSR	904	883	836	169	1032	47	21	0.06	2.40	91
CO30645	CO18653	4.16	3 1-	2ACSR	0	0	835	169	8	1	1	0.00	2.40	0
OC562	CO30645	4.16	3 1-	10 N FUSE	0	0	835	169	8	1	11	0.00	2.40	0
CO30646	OC562	4.19	3 1-	2ACSR	0	0	830	169	8	1	1	0.00	2.40	0
CO18784	CO30646	4.25	3 1-	2ACSR	0	0	821	168	8	1	1	0.00	2.40	0
CO18785	CO18784	4.35	3 1-	2ACSR	0	0	806	168	8	1	1	0.00	2.40	0
CO18786	CO18785	4.42	3 1-	2ACSR	0	0	795	167	8	1	1	0.00	2.40	0
CO18787	CO18786	4.50	3 1-	2ACSR	0	0	783	167	8	1	1	0.00	2.41	0
CO18788	CO18787	4.55	2 1-	2ACSR	0	0	775	166	8	1	1	0.00	2.41	0
CO18644	CO18788	4.61	1 1-	2ACSR	0	0	767	166	6	0	0	0.00	2.41	0
CO18615	CO18653	4.19	202 3-	1/0ACSR	900	879	831	169	1023	47	20	0.03	2.42	45
CO18640	CO18615	4.24	1 1-	4ACSR	0	0	822	168	0	0	0	0.00	2.42	0
CO18778	CO18615	4.42	201 3-	1/0ACSR	875	851	799	168	1023	47	20	0.19	2.61	291
CO18779	CO18778	4.43	200 3-	1/0ACSR	874	850	798	168	1022	47	20	0.01	2.62	12
CO18777	CO18779	4.46	199 3-	1/0ACSR	870	846	794	168	1020	46	20	0.03	2.65	40
CO18776	CO18777	4.50	199 3-	1/0ACSR	866	841	789	167	1019	46	20	0.03	2.68	47
CO18639	CO18776	4.73	0 1-	4ACSR	0	0	751	165	0	0	0	0.00	2.68	0
CO18616	CO18776	4.70	199 3-	1/0ACSR	846	819	764	166	1019	46	20	0.16	2.84	246
CO18803	CO18616	4.79	191 3-	1/0ACSR	836	808	752	166	972	44	20	0.08	2.91	113
CO18620	CO18803	4.89	2 1-	4ACSR	0	0	736	165	6	0	1	0.00	2.92	0
CO18604	CO18803	5.05	189 3-	1/0ACSR	811	781	722	165	966	44	19	0.20	3.11	287
CO18654	CO18604	5.13	188 3-	1/0ACSR	803	772	713	164	959	44	19	0.06	3.17	93
CO18740	CO18654	5.15	188 3-	1/0ACSR	801	770	711	164	959	44	19	0.02	3.19	24
CO18741	CO18740	5.28	187 3-	1/0ACSR	789	757	696	163	957	44	19	0.10	3.29	147
CO18789	CO18741	5.29	30 1-	6ACWC	0	0	695	163	128	17	13	0.01	3.30	0
OC564	CO18789	5.29	30 1-	50 H OCR	0	0	695	163	128	17	36	0.00	3.30	0
CO18790	OC564	5.42	30 1-	6ACWC	0	0	677	162	128	17	13	0.10	3.40	21
CO18729	CO18790	5.49	29 1-	6ACWC	0	0	668	161	123	17	12	0.05	3.45	11
CO18738	CO18729	5.60	26 1-	6ACWC	0	0	653	160	119	16	12	0.09	3.54	17
CO18739	CO18738	5.64	25 1-	6ACWC	0	0	648	160	118	16	12	0.03	3.57	6
CO18655	CO18739	5.72	19 1-	6ACWC	0	0	638	159	92	12	9	0.04	3.61	7
CO18656	CO18655	5.93	18 1-	6ACWC	0	0	612	157	90	12	9	0.12	3.73	17
CO18657	CO18656	6.01	18 1-	6ACWC	0	0	603	156	90	12	9	0.04	3.77	7
CO18659	CO18657	6.18	9 1-	4ACSR	0	0	584	155	55	7	5	0.06	3.83	5
CO18661	CO18659	6.26	8 1-	4ACSR	0	0	575	154	49	6	5	0.02	3.86	0
CO18662	CO18661	6.39	6 1-	4ACSR	0	0	561	153	49	6	5	0.04	3.90	3
CO18664	CO18662	6.42	5 1-	4ACSR	0	0	557	153	47	6	5	0.01	3.91	0
CO18804	CO18664	6.44	3 1-	4ACSR	0	0	556	152	38	5	4	0.00	3.91	0
CO18805	CO18804	6.49	3 1-	4ACSR	0	0	551	152	38	5	4	0.01	3.92	0
CO18665	CO18805	6.53	2 1-	4ACSR	0	0	546	152	29	4	3	0.01	3.93	0
CO18666	CO18665	6.61	2 1-	4ACSR	0	0	538	151	29	4	3	0.02	3.94	0
CO18667	CO18666	6.64	2 1-	4ACSR	0	0	535	151	29	4	3	0.01	3.95	0
CO18646	CO18667	6.72	1 1-	2ACSR	0	0	529	150	14	1	1	0.00	3.95	0
CO18668	CO18667	6.77	1 1-	4ACSR	0	0	523	150	15	2	1	0.01	3.96	0
CO18669	CO18668	6.88	1 1-	4ACSR	0	0	513	149	15	2	1	0.01	3.97	0
CO23777	CO18669	7.04	1 1-	4ACSR	0	0	499	147	15	2	1	0.01	3.99	0
CO21301	CO23777	7.06	1 1-	4ACSR	0	0	497	147	15	2	1	0.00	3.99	0
CO21343	CO21301	7.28	0 1-	4ACSR	0	0	479	145	0	0	0	0.00	3.99	0
CO21342	CO21343	7.28	0 1-	4ACSR	0	0	479	145	0	0	0	0.00	3.99	0
CO18663	CO18664	6.52	2 1-	2ACSR	0	0	550	152	9	1	1	0.00	3.91	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18660	CO18659	6.28	1 1-	4ACSR	0	0	573	154	6	0	1	0.00	3.83	0
CO18606	CO18657	6.27	9 1-	6ACWC	0	0	574	154	35	4	4	0.06	3.83	3
CO18732	CO18606	6.48	8 1-	6ACWC	0	0	552	152	35	4	4	0.04	3.87	2
OC573279180	CO18732	6.48	7 1-	20 N FUSE	0	0	552	152	32	4	22	0.00	3.87	0
CO18733	OC573279180	6.66	7 1-	6ACWC	0	0	534	151	32	4	3	0.04	3.91	0
CO18658	CO18733	6.82	6 1-	6ACWC	0	0	519	149	29	3	3	0.03	3.94	0
CO23774	CO18658	6.94	6 1-	6ACWC	0	0	509	148	29	3	3	0.02	3.96	0
CO21187	CO23774	7.14	3 1-	6ACWC	0	0	491	147	13	1	1	0.02	3.98	0
CO21228	CO21187	7.39	1 1-	6ACWC	0	0	471	145	7	0	1	0.01	3.99	0
CO21227	CO21228	7.54	1 1-	6ACWC	0	0	460	143	7	0	1	0.01	3.99	0
CO21201	CO21227	7.66	1 1-	4ACSR	0	0	451	142	7	0	1	0.00	4.00	0
CO21349	CO21227	7.54	0 1-	6ACWC	0	0	459	143	0	0	0	0.00	3.99	0
OC638	CO21349	7.54	0 1-	10 H OCR	0	0	459	143	0	0	0	0.00	3.99	0
CO21302	CO21187	7.25	2 1-	4ACSR	0	0	482	146	7	0	1	0.00	3.98	0
CO21304	CO21302	7.35	2 1-	4ACSR	0	0	474	145	7	0	1	0.00	3.99	0
CO30555	CO21304	7.39	2 1-	4ACSR	0	0	471	145	7	0	1	0.00	3.99	0
CO21303	CO30555	7.44	1 1-	4ACSR	0	0	467	144	7	0	1	0.00	3.99	0
CO23773	CO23774	7.07	3 1-	4ACSR	0	0	497	147	15	2	2	0.01	3.97	0
CO18730	CO23773	7.13	2 1-	4ACSR	0	0	492	147	0	0	0	0.00	3.97	0
CO18731	CO18730	7.22	1 1-	4ACSR	0	0	484	146	0	0	0	0.00	3.97	0
CO23775	CO18733	6.73	1 1-	4ACSR	0	0	527	150	4	0	0	0.00	3.91	0
CO23776	CO18606	6.50	1 1-	4ACSR	0	0	550	152	0	0	0	0.00	3.83	0
CO18736	CO18739	5.78	4 1-	4ACSR	0	0	630	158	25	3	2	0.02	3.59	0
CO18737	CO18736	5.90	3 1-	4ACSR	0	0	616	157	22	3	2	0.02	3.60	0
CO18621	CO18737	5.99	2 1-	4ACSR	0	0	605	157	9	1	1	0.00	3.61	0
CO18670	CO18737	6.09	1 1-	4ACSR	0	0	594	156	13	1	1	0.02	3.62	0
CO18671	CO18670	6.22	1 1-	4ACSR	0	0	579	154	13	1	1	0.01	3.63	0
CO18672	CO18671	6.29	1 1-	4ACSR	0	0	571	154	13	1	1	0.00	3.63	0
CO18734	CO18729	5.59	2 1-	4ACSR	0	0	655	160	3	0	0	0.00	3.45	0
CO18735	CO18734	5.65	1 1-	4ACSR	0	0	647	160	2	0	0	0.00	3.45	0
CO18605	CO18741	5.40	156 3-	1/0ACSR	779	746	684	163	816	37	16	0.08	3.37	94
CO30700	CO18605	5.64	0 3-	1/0ACSR	757	723	660	162	0	0	0	0.00	3.37	0
CO18618	CO18605	5.47	0 1-	4ACSR	0	0	674	162	0	0	0	0.00	3.37	0
CO18607	CO18605	5.40	156 3-	1/0ACSR	778	745	684	163	816	37	16	0.00	3.37	4
CO18675	CO18607	5.51	1 1-	1/0ACSR	0	0	673	162	0	0	0	0.00	3.37	0
CO18676	CO18675	5.61	1 1-	1/0ACSR	0	0	663	162	0	0	0	0.00	3.37	0
CO18645	CO18676	5.68	1 1-	1/0PRIURD	0	0	657	341	0	0	0	0.00	3.37	0
CO18673	CO18607	5.45	155 3-	1/0ACSR	774	740	679	163	815	37	16	0.03	3.40	42
CO18674	CO18673	5.52	155 3-	1/0ACSR	768	734	672	162	815	37	16	0.04	3.45	53
CO18753	CO18674	5.65	2 1-	4ACSR	0	0	654	161	2	0	0	0.00	3.45	0
CO18754	CO18753	5.84	1 1-	4ACSR	0	0	631	159	0	0	0	0.00	3.45	0
CO18677	CO18674	5.80	153 3-	1/0ACSR	744	708	645	161	813	37	16	0.19	3.63	231
CO18678	CO18677	5.92	153 3-	1/0ACSR	734	699	635	160	812	37	16	0.07	3.71	93
CO18679	CO18678	6.00	153 3-	1/0ACSR	728	691	627	160	812	37	16	0.06	3.76	69
CO18751	CO18679	6.09	153 3-	1/0ACSR	720	684	620	159	811	37	16	0.06	3.82	74
CO18752	CO18751	6.25	152 3-	1/0ACSR	708	671	607	159	808	37	16	0.10	3.92	126
CO18782	CO18752	6.32	149 3-	1/0ACSR	703	665	601	158	800	37	16	0.05	3.97	58
CO18783	CO18782	6.40	144 3-	1/0ACSR	697	659	594	158	781	36	16	0.05	4.02	62
CO18622	CO18783	6.45	1 1-	4ACSR	0	0	589	157	2	0	0	0.00	4.02	0
CO18608	CO18783	6.45	143 3-	1/0ACSR	693	655	590	158	780	36	16	0.03	4.06	40
CO18647	CO18608	6.91	2 1-	4ACSR	0	0	544	153	8	1	1	0.02	4.08	0
CO18648	CO18647	6.97	0 1-	4ACSR	0	0	539	153	0	0	0	0.00	4.08	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18725	CO18647	7.07	2 1-	2ACSR	0	0	531	152	8	1	1	0.01	4.08	0
CO18726	CO18725	7.14	1 1-	2ACSR	0	0	526	152	7	0	1	0.00	4.09	0
CO18724	CO18726	7.18	1 1-	2ACSR	0	0	523	152	7	0	1	0.00	4.09	0
CO18682	CO18608	6.57	141 3-	1/0ACSR	685	646	581	157	772	35	16	0.07	4.13	84
CO18749	CO18682	6.58	141 3-	1/0ACSR	684	645	581	157	771	35	16	0.01	4.13	7
CO18750	CO18749	6.61	139 3-	1/0ACSR	681	643	578	157	757	35	15	0.02	4.15	25
CO18795	CO18750	6.62	136 3-	1/0ACSR	681	642	577	157	742	34	15	0.00	4.16	5
OC569	CO18795	6.62	136 3-	70 L OCR	681	642	577	157	742	34	49	0.00	4.16	0
CO18796	OC569	6.63	136 3-	1/0ACSR	680	641	576	157	742	34	15	0.01	4.17	10
CO18683	CO18796	6.93	136 3-	1/0ACSR	660	620	556	155	742	34	15	0.17	4.34	199
CO18628	CO18683	7.05	2 1-	4ACSR	0	0	544	154	7	0	1	0.00	4.34	0
CO18625	CO18683	7.00	2 1-	4ACSR	0	0	549	155	2	0	0	0.00	4.34	0
CO18684	CO18683	6.94	132 3-	1/0ACSR	659	619	555	155	732	34	15	0.01	4.35	8
CO18685	CO18684	6.95	132 3-	1/0ACSR	658	619	554	155	732	34	15	0.01	4.36	8
CO18626	CO18685	7.12	1 1-	4ACSR	0	0	538	154	6	0	1	0.00	4.36	0
CO18609	CO18685	7.05	131 3-	1/0ACSR	652	612	547	155	726	33	15	0.06	4.41	63
CO18747	CO18609	7.10	83 3-	4ACSR	647	607	542	154	471	21	16	0.04	4.46	34
CO18748	CO18747	7.16	81 3-	4ACSR	641	602	537	154	448	20	15	0.05	4.51	38
CO23805	CO18748	7.30	18 1-	4ACSR	0	0	524	153	129	18	13	0.11	4.62	24
OC379878579	CO23805	7.30	18 1-	20 N FUSE	0	0	524	153	129	18	90	0.00	4.62	0
CO18963	OC379878579	7.50	15 1-	4ACSR	0	0	507	151	100	14	10	0.13	4.75	21
CO19014	CO18963	7.57	14 1-	4ACSR	0	0	501	150	92	12	9	0.04	4.79	6
CO19015	CO19014	7.70	13 1-	4ACSR	0	0	490	149	92	12	9	0.08	4.86	11
CO19016	CO19015	7.74	12 1-	4ACSR	0	0	487	149	87	12	9	0.02	4.89	3
CO18901	CO19016	7.78	11 1-	4ACSR	0	0	484	148	71	10	7	0.02	4.91	2
CO30550	CO18901	7.86	11 1-	4ACSR	0	0	478	148	71	10	7	0.03	4.94	4
CO18902	CO30550	7.95	10 1-	4ACSR	0	0	471	147	65	9	7	0.04	4.98	4
CO18954	CO18902	8.04	2 1-	4ACSR	0	0	465	146	15	2	2	0.00	4.98	0
CO18955	CO18954	8.08	1 1-	4ACSR	0	0	462	146	0	0	0	0.00	4.98	0
CO18876	CO18902	8.03	1 1-	4ACSR	0	0	465	146	2	0	0	0.00	4.98	0
CO18834	CO18902	7.98	7 1-	4ACSR	0	0	469	147	48	6	5	0.01	4.99	0
CO18906	CO18834	8.30	0 1-	4ACSR	0	0	446	144	0	0	0	0.00	4.99	0
CO18903	CO18834	8.04	7 1-	4ACSR	0	0	464	146	48	6	5	0.02	5.01	0
CO18904	CO18903	8.07	7 1-	4ACSR	0	0	463	146	48	6	5	0.01	5.01	0
CO18905	CO18904	8.12	4 1-	4ACSR	0	0	459	146	34	4	3	0.01	5.02	0
CO19018	CO18905	8.19	2 1-	4ACSR	0	0	453	145	22	3	2	0.01	5.03	0
CO19019	CO19018	8.25	1 1-	4ACSR	0	0	449	145	9	1	1	0.00	5.03	0
CO18959	CO19019	8.38	1 1-	4ACSR	0	0	440	143	9	1	1	0.00	5.04	0
CO18956	CO18905	8.25	2 1-	4ACSR	0	0	449	145	11	1	1	0.00	5.03	0
CO18957	CO18956	8.36	1 1-	4ACSR	0	0	442	144	0	0	0	0.00	5.03	0
CO18958	CO18957	8.48	1 1-	4ACSR	0	0	434	143	0	0	0	0.00	5.03	0
CO18881	CO18904	8.16	3 1-	2ACSR	0	0	457	145	14	2	1	0.01	5.02	0
CO-238451656	CO18881	8.20	2 1-	2ACSR	0	0	455	145	14	2	1	0.00	5.02	0
CO18875	CO19016	7.82	1 1-	4ACSR	0	0	481	148	15	2	2	0.00	4.89	0
CO18874	CO18963	7.56	1 1-	4ACSR	0	0	502	150	8	1	1	0.00	4.75	0
CO18880	OC379878579	7.33	3 1-	2ACSR	0	0	522	152	29	4	2	0.00	4.62	0
CO23804	CO18748	7.19	62 1-	4ACSR	0	0	534	154	319	44	32	0.07	4.57	35
OH253	CO23804	7.32	62 1-	4ACSR	0	0	522	152	319	44	32	0.26	4.83	136
OC27653694	OH253	7.32	62 1-	20 N FUSE	0	0	522	152	319	44	224	0.00	4.83	0
CO19017	OC27653694	7.49	62 1-	4ACSR	0	0	508	151	319	44	32	0.35	5.18	182
CO19020	CO19017	7.51	59 1-	4ACSR	0	0	506	151	299	42	30	0.04	5.22	22
CO19021	CO19020	7.59	58 1-	4ACSR	0	0	499	150	295	41	30	0.15	5.37	72

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18878	CO19021	7.65	0 1-	4/0ACSR	0	0	497	150	0	0	0	0.00	5.37	0
CO18835	CO19021	7.76	58 1-	4ACSR	0	0	486	149	295	41	30	0.31	5.68	153
CO18894	CO18835	7.91	44 1-	4ACSR	0	0	474	147	197	27	20	0.19	5.87	63
CO18895	CO18894	8.04	44 1-	4ACSR	0	0	464	146	196	27	20	0.17	6.05	57
CO18858	CO18895	8.08	1 1-	4ACSR	0	0	461	146	6	0	1	0.00	6.05	0
CO18822	CO18895	8.13	43 1-	4ACSR	0	0	458	146	190	26	19	0.10	6.15	32
CO18999	CO18822	8.16	4 1-	4ACSR	0	0	456	145	13	1	1	0.00	6.15	0
CO19000	CO18999	8.24	2 1-	4ACSR	0	0	450	145	1	0	0	0.00	6.15	0
CO18823	CO18822	8.23	39 1-	4ACSR	0	0	451	145	176	25	18	0.12	6.27	35
CO19001	CO18823	8.28	36 1-	4ACSR	0	0	447	144	160	22	16	0.05	6.32	14
CO19002	CO19001	8.45	34 1-	4ACSR	0	0	436	143	151	21	15	0.15	6.47	38
CO18896	CO19002	8.59	10 1-	4ACSR	0	0	427	142	26	3	3	0.02	6.50	0
CO19004	CO18896	8.60	10 1-	4ACSR	0	0	426	142	26	3	3	0.00	6.50	0
CO19005	CO19004	8.62	10 1-	4ACSR	0	0	425	142	26	3	3	0.00	6.50	0
CO1884178471	CO19005	8.67	1 1-	2ACSR	0	0	422	141	2	0	0	0.00	6.50	0
CO1111367464	CO19005	8.64	1 1-	2ACSR	0	0	424	141	2	0	0	0.00	6.50	0
CO19003	CO19005	8.65	6 1-	4ACSR	0	0	423	141	21	2	2	0.00	6.51	0
CO19006	CO19003	8.70	5 1-	4ACSR	0	0	420	141	21	2	2	0.01	6.51	0
CO19007	CO19006	8.71	3 1-	4ACSR	0	0	419	141	15	2	2	0.00	6.51	0
CO19022	CO19007	8.87	3 1-	4ACSR	0	0	409	140	15	2	2	0.02	6.53	0
CO19023	CO19022	8.90	3 1-	4ACSR	0	0	408	139	15	2	2	0.00	6.53	0
CO18973	CO19023	9.00	2 1-	4ACSR	0	0	402	139	13	1	1	0.01	6.54	0
CO18974	CO18973	9.11	1 1-	4ACSR	0	0	396	138	0	0	0	0.00	6.54	0
CO18868	CO18973	9.04	1 1-	4ACSR	0	0	400	138	12	1	1	0.00	6.54	0
CO18867	CO19023	8.94	1 1-	4ACSR	0	0	406	139	2	0	0	0.00	6.53	0
CO18860	CO19002	8.54	2 1-	4ACSR	0	0	430	142	7	0	1	0.00	6.47	0
CO18859	CO19002	8.51	1 1-	4ACSR	0	0	432	142	2	0	0	0.00	6.47	0
CO18824	CO19002	8.60	20 1-	4ACSR	0	0	426	142	106	15	11	0.09	6.57	15
CO18948	CO18824	8.68	18 1-	4ACSR	0	0	421	141	85	12	9	0.05	6.61	6
CO18949	CO18948	8.77	17 1-	4ACSR	0	0	416	140	81	11	8	0.04	6.65	6
CO-1954166014	CO18949	8.82	15 1-	2ACSR	0	0	413	140	80	11	6	0.02	6.67	3
SW1852930236-B	CO-1954166014	8.82	0 1-	Closed	0	0	413	140	0	0	0	0.00	6.67	0
SW1852930236-A	SW1852930236-B	8.82	0 1-	Closed	0	0	413	140	0	0	0	0.00	6.67	0
CO2078497979	CO-1954166014	9.02	15 1-	2ACSR	0	0	404	139	80	11	6	0.07	6.75	9
CO718810466	CO2078497979	9.23	15 1-	2ACSR	0	0	394	138	80	11	6	0.08	6.82	10
CO-1609944947	CO718810466	9.31	13 1-	2ACSR	0	0	391	138	63	9	5	0.02	6.84	2
CO19009	CO-1609944947	9.41	13 1-	6ACWC	0	0	385	137	63	9	6	0.04	6.88	4
CO409866866	CO19009	9.46	12 1-	2ACSR	0	0	383	137	52	7	4	0.01	6.89	0
CO-1726372136	CO409866866	9.57	1 1-	2ACSR	0	0	379	136	0	0	0	0.00	6.89	0
CO19008	CO409866866	9.54	11 1-	2ACSR	0	0	380	136	52	7	4	0.02	6.91	0
CO18946	CO19008	9.58	10 1-	6ACWC	0	0	378	136	39	5	4	0.01	6.92	0
CO18854	CO18946	9.77	1 1-	4ACSR	0	0	368	135	4	0	0	0.00	6.92	0
CO18821	CO18946	9.61	9 1-	6ACWC	0	0	376	136	35	4	4	0.01	6.93	0
CO23771	CO18821	9.76	8 1-	6ACWC	0	0	369	135	35	4	4	0.03	6.96	0
CO21449	CO23771	9.92	8 1-	6ACWC	0	0	361	134	35	4	4	0.03	6.99	0
CO21447	CO21449	9.96	7 1-	6ACWC	0	0	359	133	30	4	3	0.01	7.00	0
CO21448	CO21447	10.01	5 1-	6ACWC	0	0	357	133	18	2	2	0.01	7.00	0
CO21446	CO21448	10.07	3 1-	6ACWC	0	0	354	132	10	1	1	0.00	7.01	0
CO23772	CO21446	10.25	0 1-	6ACWC	0	0	346	131	0	0	0	0.00	7.01	0
CO21230	CO23772	10.38	0 1-	6ACWC	0	0	341	130	0	0	0	0.00	7.01	0
CO21202	CO21230	10.66	0 1-	4ACSR	0	0	329	129	0	0	0	0.00	7.01	0
CO21412	CO21446	10.12	3 1-	2ACSR	0	0	352	132	10	1	1	0.00	7.01	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21397	CO21448	10.13	2 1-	4ACSR	0	0	351	132	9	1	1	0.00	7.01	0
CO23770	CO18821	9.73	0 1-	4ACSR	0	0	370	135	0	0	0	0.00	6.93	0
CO18947	CO718810466	9.30	2 1-	6ACWC	0	0	391	138	17	2	2	0.00	6.82	0
CO1282523971	CO-1954166014	8.83	0 1-	2ACSR	0	0	413	140	0	0	0	0.00	6.67	0
CO18997	CO18823	8.32	3 1-	4ACSR	0	0	445	144	16	2	2	0.01	6.27	0
CO18998	CO18997	8.35	1 1-	4ACSR	0	0	443	144	4	0	0	0.00	6.27	0
CO18889	CO18835	7.87	14 1-	4ACSR	0	0	477	148	97	13	10	0.06	5.75	10
CO18890	CO18889	7.91	11 1-	4ACSR	0	0	474	147	78	11	8	0.02	5.76	2
CO18967	CO18890	7.95	9 1-	4ACSR	0	0	471	147	66	9	7	0.02	5.78	0
CO18969	CO18967	8.00	2 1-	2ACSR	0	0	468	147	20	2	2	0.00	5.78	0
CO18964	CO18969	8.05	2 1-	2ACSR	0	0	465	146	20	2	2	0.00	5.79	0
CO18965	CO18964	8.14	2 1-	2ACSR	0	0	460	146	20	2	2	0.01	5.80	0
CO18966	CO18965	8.19	2 1-	2ACSR	0	0	457	146	20	2	2	0.00	5.80	0
CO23843	CO18966	8.35	1 1-	2ACSR	0	0	448	145	9	1	1	0.00	5.80	0
CO18799	CO23843	8.37	0 1-	2ACSR	0	0	446	145	0	0	0	0.00	5.80	0
CO18800	CO18799	8.46	0 1-	2ACSR	0	0	442	144	0	0	0	0.00	5.80	0
CO18722	CO18800	8.53	0 1-	2ACSR	0	0	438	144	0	0	0	0.00	5.80	0
CO18723	CO18722	8.61	0 1-	2ACSR	0	0	434	143	0	0	0	0.00	5.80	0
CO18968	CO18967	8.03	7 1-	4ACSR	0	0	465	146	47	6	5	0.02	5.80	0
CO420935310	CO18968	8.08	1 1-	2ACSR	0	0	462	146	18	2	1	0.00	5.81	0
CO18891	CO18968	8.05	4 1-	4ACSR	0	0	463	146	21	2	2	0.00	5.81	0
CO18892	CO18891	8.13	4 1-	4ACSR	0	0	458	145	21	2	2	0.01	5.82	0
CO18893	CO18892	8.17	3 1-	4ACSR	0	0	455	145	20	2	2	0.00	5.82	0
CO18995	CO18893	8.19	3 1-	4ACSR	0	0	454	145	20	2	2	0.00	5.82	0
CO18996	CO18995	8.23	1 1-	4ACSR	0	0	451	145	6	0	1	0.00	5.82	0
CO18857	CO18892	8.35	1 1-	4ACSR	0	0	442	144	1	0	0	0.00	5.82	0
CO18856	CO18968	8.07	1 1-	4ACSR	0	0	462	146	3	0	0	0.00	5.80	0
CO18877	CO18890	7.97	1 1-	4ACSR	0	0	469	147	10	1	1	0.00	5.77	0
CO18855	CO19017	7.61	3 1-	4ACSR	0	0	498	150	19	2	2	0.01	5.18	0
CO18745	CO18609	7.07	45 1-	4ACSR	0	0	545	155	235	32	24	0.03	4.44	12
OC1960765186	CO18745	7.07	43 1-	20 N FUSE	0	0	545	155	223	31	156	0.00	4.44	0
CO18746	OC1960765186	7.08	43 1-	4ACSR	0	0	544	155	223	31	22	0.02	4.46	7
CO18686	CO18746	7.14	39 1-	4ACSR	0	0	539	154	189	26	19	0.07	4.53	20
CO18687	CO18686	7.19	38 1-	4ACSR	0	0	534	154	180	25	18	0.06	4.59	17
CO18649	CO18687	7.24	6 1-	4ACSR	0	0	530	153	35	4	4	0.01	4.59	0
CO18650	CO18649	7.29	3 1-	4ACSR	0	0	525	153	12	1	1	0.00	4.60	0
CO18629	CO18649	7.27	1 1-	4ACSR	0	0	526	153	0	0	0	0.00	4.59	0
CO18688	CO18687	7.23	32 1-	4ACSR	0	0	531	153	144	20	14	0.03	4.62	8
CO18689	CO18688	7.35	30 1-	4ACSR	0	0	520	152	134	18	13	0.11	4.72	23
CO18743	CO18689	7.43	4 1-	4ACSR	0	0	513	151	33	4	3	0.01	4.74	0
CO18744	CO18743	7.49	3 1-	4ACSR	0	0	508	151	22	3	2	0.01	4.75	0
CO18651	CO18744	7.53	1 1-	4ACSR	0	0	504	151	3	0	0	0.00	4.75	0
CO18627	CO18744	7.57	2 1-	4ACSR	0	0	501	150	20	2	2	0.01	4.75	0
CO18742	CO18689	7.59	26 1-	4ACSR	0	0	499	150	100	14	10	0.16	4.88	26
CO23813	CO18742	7.83	25 1-	4ACSR	0	0	480	148	100	14	10	0.15	5.03	25
CO18175	CO23813	8.03	4 1-	4ACSR	0	0	465	146	4	0	0	0.00	5.04	0
CO18174	CO18175	8.20	2 1-	4ACSR	0	0	453	145	2	0	0	0.00	5.04	0
CO18126	CO18174	8.25	1 1-	4ACSR	0	0	449	144	2	0	0	0.00	5.04	0
CO18250	CO18174	8.32	1 1-	4ACSR	0	0	445	144	0	0	0	0.00	5.04	0
CO18249	CO18250	8.40	1 1-	4ACSR	0	0	439	143	0	0	0	0.00	5.04	0
CO18166	CO23813	8.06	21 1-	4ACSR	0	0	463	146	95	13	10	0.14	5.17	22
CO18165	CO18166	8.17	20 1-	4ACSR	0	0	455	145	93	13	9	0.07	5.24	10

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18127	CO18165	8.31	1 1-	4ACSR	0	0	445	144	3	0	0	0.00	5.24	0
CO18101	CO18165	8.27	18 1-	4ACSR	0	0	448	144	84	11	8	0.05	5.29	7
CO18128	CO18101	8.30	1 1-	4ACSR	0	0	446	144	3	0	0	0.00	5.29	0
CO18102	CO18101	8.41	17 1-	4ACSR	0	0	439	143	80	11	8	0.07	5.36	10
CO23814	CO18102	8.66	1 1-	4ACSR	0	0	422	141	1	0	0	0.00	5.36	0
CO18167	CO18102	8.52	16 1-	4ACSR	0	0	431	142	80	11	8	0.06	5.41	8
CO18170	CO18167	8.63	16 1-	4ACSR	0	0	424	141	79	11	8	0.06	5.47	7
CO18171	CO18170	8.81	14 1-	4ACSR	0	0	413	140	75	10	8	0.09	5.56	11
CO18169	CO18171	8.95	14 1-	4ACSR	0	0	405	139	75	10	8	0.06	5.62	7
CO18168	CO18169	9.09	12 1-	4ACSR	0	0	397	138	68	9	7	0.06	5.68	7
CO18129	CO18168	9.17	1 1-	4ACSR	0	0	392	137	4	0	0	0.00	5.68	0
CO18173	CO18168	9.12	11 1-	4ACSR	0	0	395	138	63	8	6	0.01	5.69	0
CO18172	CO18173	9.24	11 1-	4ACSR	0	0	388	137	63	8	6	0.05	5.74	5
CO18130	CO18172	9.34	1 1-	4ACSR	0	0	383	136	1	0	0	0.00	5.74	0
CO18103	CO18172	9.44	10 1-	4ACSR	0	0	378	135	62	8	6	0.08	5.82	8
CO18104	CO18103	9.64	10 1-	4ACSR	0	0	368	134	62	8	6	0.08	5.90	8
CO18131	CO18104	9.69	1 1-	4ACSR	0	0	365	134	10	1	1	0.00	5.90	0
CO23816	CO18104	9.80	9 1-	4ACSR	0	0	360	133	52	7	5	0.05	5.95	5
CO23817	CO23816	9.96	9 1-	4ACSR	0	0	353	132	52	7	5	0.05	6.01	5
CO18132	CO23817	10.04	0 1-	4ACSR	0	0	349	131	0	0	0	0.00	6.01	0
CO18105	CO23817	10.14	8 1-	4ACSR	0	0	344	131	50	7	5	0.06	6.06	5
CO18311	CO18105	10.22	5 1-	4ACSR	0	0	341	130	29	4	3	0.01	6.08	0
CO18238	CO18311	10.27	4 1-	4ACSR	0	0	339	130	19	2	2	0.01	6.08	0
CO18157	CO18238	10.37	0 1-	4ACSR	0	0	335	129	0	0	0	0.00	6.08	0
CO18239	CO18238	10.33	4 1-	4ACSR	0	0	336	129	19	2	2	0.01	6.09	0
CO23820	CO18239	10.45	3 1-	4ACSR	0	0	332	129	13	1	1	0.01	6.10	0
CO18767	CO23820	10.53	2 1-	4ACSR	0	0	328	128	12	1	1	0.01	6.10	0
CO18642	CO18767	10.65	1 1-	4ACSR	0	0	324	127	0	0	0	0.00	6.10	0
CO23821	CO18767	10.77	1 1-	4ACSR	0	0	319	127	12	1	1	0.02	6.12	0
CO18158	CO23821	10.85	1 1-	4ACSR	0	0	316	126	12	1	1	0.00	6.13	0
CO18123	CO23821	10.87	0 1-	4ACSR	0	0	315	126	0	0	0	0.00	6.12	0
CO18124	CO18123	11.09	0 1-	4ACSR	0	0	307	125	0	0	0	0.00	6.12	0
CO18241	CO18123	10.96	0 1-	4ACSR	0	0	312	125	0	0	0	0.00	6.12	0
CO18240	CO18241	11.29	0 1-	4ACSR	0	0	300	123	0	0	0	0.00	6.12	0
CO23819	CO18105	10.24	1 1-	4ACSR	0	0	340	130	8	1	1	0.00	6.07	0
CO-1106983347	CO18105	10.18	1 1-	2ACSR	0	0	343	130	8	1	1	0.00	6.06	0
CO23818	CO23817	10.03	1 1-	4ACSR	0	0	350	131	1	0	0	0.00	6.01	0
CO23815	CO18103	9.59	0 1-	4ACSR	0	0	370	134	0	0	0	0.00	5.82	0
CO-1404555457	CO18170	8.67	1 1-	1/0PRIURD	0	0	423	258	1	0	0	0.00	5.47	0
CO-634108238	CO18165	8.28	1 1-	2ACSR	0	0	449	145	6	0	0	0.00	5.24	0
CO18624	CO18750	6.67	1 1-	4ACSR	0	0	572	156	3	0	0	0.00	4.16	0
CO18623	CO18750	6.68	2 1-	4ACSR	0	0	571	156	13	1	1	0.00	4.16	0
CO1600253742	CO18782	6.38	0 1-	2ACSR	0	0	595	158	0	0	0	0.00	3.97	0
CO-1476573611	CO18782	6.41	2 1-	2ACSR	0	0	593	158	7	0	1	0.00	3.97	0
CO18680	CO18752	6.40	3 1-	4ACSR	0	0	590	157	8	1	1	0.00	3.93	0
CO18681	CO18680	6.47	1 1-	4ACSR	0	0	582	157	1	0	0	0.00	3.93	0
CO18619	CO18604	5.15	1 1-	4ACSR	0	0	707	163	6	0	1	0.00	3.11	0
CO18638	CO18616	4.83	2 1-	4ACSR	0	0	742	165	11	1	1	0.00	2.84	0
CO18721	CO18616	4.77	5 1-	4ACSR	0	0	752	166	25	3	2	0.01	2.85	0
CO18780	CO18721	4.88	3 1-	4ACSR	0	0	733	164	21	2	2	0.01	2.86	0
CO18781	CO18780	4.99	2 1-	4ACSR	0	0	717	163	10	1	1	0.00	2.86	0
CO18641	CO18798	4.05	1 1-	4ACSR	0	0	848	169	0	0	0	0.00	2.23	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18611+	OC566	3.58	57 3-	1/0ACSR	1515	1444	1320	317	197	4	2	0.00	0.96	0
CO18793+	CO18611	3.59	6 1-	4ACSR	0	0	1318	317	27	1	1	0.00	0.96	0
OC561+	CO18793	3.59	6 1-	25 E OCR	0	0	1318	317	27	1	7	0.00	0.96	0
CO18794+	OC561	3.68	6 1-	4ACSR	0	0	1292	315	27	1	1	0.00	0.96	0
CO18632+	CO18794	3.74	1 1-	4ACSR	0	0	1277	314	7	0	0	0.00	0.96	0
CO18696+	CO18794	3.86	4 1-	4ACSR	0	0	1246	312	15	1	1	0.00	0.96	0
CO18697+	CO18696	3.93	4 1-	4ACSR	0	0	1226	310	15	1	1	0.00	0.96	0
CO18698+	CO18697	4.26	4 1-	4ACSR	0	0	1150	305	15	1	1	0.01	0.97	0
CO18699+	CO18698	4.37	2 1-	4ACSR	0	0	1125	303	11	0	1	0.00	0.97	0
CO18700+	CO18699	4.52	1 1-	4ACSR	0	0	1092	300	0	0	0	0.00	0.97	0
CO18701+	CO18700	4.56	1 1-	4ACSR	0	0	1084	299	0	0	0	0.00	0.97	0
CO23778+	CO18701	4.62	0 1-	4ACSR	0	0	1073	298	0	0	0	0.00	0.97	0
CO21300+	CO23778	4.84	0 1-	4ACSR	0	0	1030	295	0	0	0	0.00	0.97	0
CO18702+	CO18701	4.68	1 1-	4ACSR	0	0	1061	297	0	0	0	0.00	0.97	0
CO18703+	CO18702	4.81	1 1-	4ACSR	0	0	1035	295	0	0	0	0.00	0.97	0
CO18693+	CO18611	3.77	51 3-	397ACSR	1495	1423	1296	316	170	3	1	0.00	0.96	0
CO30678+	CO18693	3.98	0 3-	397ACSR	1473	1402	1272	316	0	0	0	0.00	0.96	0
CO18692+	CO18693	3.78	51 3-	397ACSR	1494	1422	1295	316	170	3	1	0.00	0.96	0
CO-1903870879+	CO18692	3.83	1 1-	2ACSR	0	0	1284	316	8	0	0	0.00	0.96	0
CO18610+	CO18692	3.97	49 3-	1/0ACSR	1461	1390	1260	314	161	3	2	0.01	0.96	0
CO18631+	CO18610	4.14	2 1-	4ACSR	0	0	1217	311	7	0	0	0.00	0.96	0
CO18691+	CO18610	4.06	47 3-	1/0ACSR	1445	1375	1243	314	155	3	2	0.00	0.97	0
CO18690+	CO18691	4.40	47 3-	1/0ACSR	1392	1322	1187	311	155	3	2	0.01	0.98	2
CO18630+	CO18690	4.55	1 1-	4ACSR	0	0	1153	308	0	0	0	0.00	0.98	0
CO23793+	CO18690	4.70	46 3-	1/0ACSR	1347	1279	1141	308	155	3	2	0.01	0.99	0
CO18040+	CO23793	4.78	13 1-	4ACSR	0	0	1123	306	23	1	1	0.00	0.99	0
XFMR97	CO18040	4.78	13 1-	167 KVA 1PH AUT	0	0	634	168	23	1	14	0.09	1.08	0
CO18098	XFMR97	4.79	13 1-	4ACSR	0	0	633	168	23	3	2	0.00	1.08	0
OC547	CO18098	4.79	13 1-	35 E OCR	0	0	633	168	23	3	9	0.00	1.08	0
CO18099	OC547	4.91	13 1-	4ACSR	0	0	622	166	23	3	2	0.02	1.10	0
CO18083	CO18099	5.20	11 1-	4ACSR	0	0	594	163	19	2	2	0.03	1.13	0
CO18084	CO18083	5.42	10 1-	4ACSR	0	0	574	161	17	2	2	0.02	1.15	0
CO18041	CO18084	5.54	10 1-	6HDCU	0	0	563	160	17	2	2	0.01	1.16	0
CO18085	CO18041	5.61	10 1-	6HDCU	0	0	557	159	17	2	2	0.01	1.17	0
CO18086	CO18085	6.20	9 1-	6HDCU	0	0	508	154	16	2	2	0.06	1.23	0
CO18087	CO18086	6.33	8 1-	6HDCU	0	0	498	153	16	2	2	0.01	1.24	0
CO18088	CO18087	6.39	6 1-	6HDCU	0	0	494	152	13	1	1	0.00	1.24	0
CO23824	CO18088	6.50	6 1-	6HDCU	0	0	485	151	13	1	1	0.01	1.25	0
CO23823	CO23824	6.59	0 1-	4ACSR	0	0	478	150	0	0	0	0.00	1.25	0
CO23822	CO23824	6.63	6 1-	6HDCU	0	0	475	150	13	1	1	0.01	1.26	0
CO18147	CO23822	6.67	1 1-	4ACSR	0	0	473	150	3	0	0	0.00	1.26	0
CO18189	CO23822	6.93	5 1-	6HDCU	0	0	455	147	10	1	1	0.01	1.28	0
CO18188	CO18189	7.09	4 1-	6HDCU	0	0	444	146	6	0	1	0.01	1.28	0
CO18190	CO18188	7.21	3 1-	6HDCU	0	0	437	145	6	0	1	0.00	1.29	0
CO18148	CO18190	7.51	1 1-	4ACSR	0	0	418	143	0	0	0	0.00	1.29	0
CO18194	CO18190	7.24	2 1-	4ACSR	0	0	435	145	6	0	1	0.00	1.29	0
CO18193	CO18194	7.35	1 1-	4ACSR	0	0	428	144	3	0	0	0.00	1.29	0
CO18191	CO18193	7.56	1 1-	4ACSR	0	0	416	142	3	0	0	0.00	1.29	0
CO18192	CO18191	7.65	1 1-	4ACSR	0	0	410	142	3	0	0	0.00	1.30	0
CO18046	CO18086	6.23	1 1-	4ACSR	0	0	505	153	0	0	0	0.00	1.23	0
CO18057	CO18041	5.69	0 1-	4ACSR	0	0	550	159	0	0	0	0.00	1.16	0
SW-1013456073-B	CO18057	5.69	0 1-	Closed	0	0	550	159	0	0	0	0.00	1.16	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SW-1013456073-A	SW-1013456073-B	5.69	0 1-	Closed	0	0	550	159	0	0	0	0.00	1.16	0
CO18058	SW-1013456073-A	5.88	0 1-	4ACSR	0	0	533	157	0	0	0	0.00	1.16	0
CO18059	CO18058	5.95	0 1-	4ACSR	0	0	527	156	0	0	0	0.00	1.16	0
CO18060	CO18059	6.02	0 1-	4ACSR	0	0	522	155	0	0	0	0.00	1.16	0
CO18061	CO18060	6.17	0 1-	4ACSR	0	0	509	154	0	0	0	0.00	1.16	0
CO18039+	CO23793	4.92	32 3-	1/0ACSR	1316	1249	1109	306	131	2	1	0.01	0.99	0
CO18081+	CO18039	5.05	2 1-	4ACSR	0	0	1082	303	11	0	1	0.00	0.99	0
CO18082+	CO18081	5.22	1 1-	4ACSR	0	0	1050	301	2	0	0	0.00	0.99	0
CO18080+	CO18039	4.97	29 3-	1/0ACSR	1308	1241	1101	305	112	2	1	0.00	0.99	0
CO18079+	CO18080	5.05	29 3-	1/0ACSR	1298	1232	1091	305	112	2	1	0.00	0.99	0
CO18056+	CO18079	5.14	28 3-	1/0ACSR	1286	1220	1079	304	109	2	1	0.00	1.00	0
CO18078+	CO18056	5.16	28 3-	1/0ACSR	1283	1217	1076	304	109	2	1	0.00	1.00	0
CO18077+	CO18078	5.25	28 3-	1/0ACSR	1271	1205	1063	303	109	2	1	0.00	1.00	0
CO18076+	CO18077	5.48	26 3-	1/0ACSR	1242	1177	1035	301	104	2	1	0.00	1.00	0
CO18074+	CO18076	5.63	2 1-	4ACSR	0	0	1009	298	5	0	0	0.00	1.00	0
CO18075+	CO18074	5.70	1 1-	4ACSR	0	0	997	297	3	0	0	0.00	1.00	0
CO18052+	CO18075	6.13	1 1-	4ACSR	0	0	928	290	3	0	0	0.00	1.01	0
CO18053+	CO18052	6.33	1 1-	4ACSR	0	0	898	287	3	0	0	0.00	1.01	0
CO18051+	CO18076	5.55	22 3-	1/0ACSR	1233	1169	1026	300	86	1	1	0.00	1.00	0
CO23780+	CO18051	5.66	22 3-	1/0ACSR	1220	1157	1014	299	86	1	1	0.00	1.01	0
CO20001+	CO23780	5.76	20 3-	1/0ACSR	1208	1145	1001	298	84	1	1	0.00	1.01	0
CO20000+	CO20001	5.84	20 3-	1/0ACSR	1199	1136	993	298	84	1	1	0.00	1.01	0
CO20057+	CO20000	5.87	18 3-	1/0ACSR	1195	1132	989	298	67	1	1	0.00	1.01	0
CO20056+	CO20057	6.03	17 3-	1/0ACSR	1176	1115	971	296	67	1	1	0.00	1.01	0
CO20002+	CO20056	6.18	16 3-	1/0ACSR	1161	1100	955	295	64	1	1	0.00	1.01	0
CO20094+	CO20002	6.18	11 1-	4ACSR	0	0	954	295	44	2	2	0.00	1.01	0
OC603+	CO20094	6.18	11 1-	10 N FUSE	0	0	954	295	44	2	30	0.00	1.01	0
CO20095+	OC603	6.31	11 1-	4ACSR	0	0	935	293	44	2	2	0.01	1.02	0
CO20060+	CO20095	6.35	11 1-	4ACSR	0	0	929	292	44	2	2	0.00	1.03	0
CO20061+	CO20060	6.41	10 1-	4ACSR	0	0	921	291	44	2	2	0.00	1.03	0
CO20062+	CO20061	6.75	9 1-	4ACSR	0	0	874	286	43	2	2	0.02	1.05	0
CO19970+	CO20062	6.88	1 1-	4ACSR	0	0	856	284	1	0	0	0.00	1.05	0
CO19956+	CO20062	6.91	7 1-	4ACSR	0	0	853	283	31	2	2	0.01	1.06	0
CO19999+	CO19956	7.31	0 1-	4ACSR	0	0	804	277	0	0	0	0.00	1.06	0
OC1461375342+	CO19999	7.31	0 1-	20 N FUSE	0	0	804	277	0	0	0	0.00	1.06	0
CO23779+	OC1461375342	7.51	0 1-	4ACSR	0	0	781	274	0	0	0	0.00	1.06	0
CO19957+	CO19956	7.02	7 1-	4ACSR	0	0	838	281	31	2	2	0.01	1.06	0
CO20083+	CO19957	7.14	4 1-	4ACSR	0	0	824	280	23	1	1	0.00	1.06	0
CO20084+	CO20083	7.28	2 1-	4ACSR	0	0	807	277	12	0	1	0.00	1.07	0
CO20034+	CO20084	7.34	1 1-	4ACSR	0	0	801	277	11	0	1	0.00	1.07	0
CO19969+	CO20083	7.19	1 1-	4ACSR	0	0	817	279	2	0	0	0.00	1.06	0
CO19968+	CO19957	7.08	2 1-	4ACSR	0	0	831	280	6	0	0	0.00	1.06	0
CO20059+	CO20002	6.27	2 3-	1/0ACSR	1150	1090	946	294	15	0	0	0.00	1.01	0
CO20058+	CO20059	6.32	2 3-	1/0ACSR	1145	1085	941	294	15	0	0	0.00	1.01	0
CO20067+	CO20058	6.45	1 3-	1/0ACSR	1131	1072	927	293	7	0	0	0.00	1.01	0
CO19971+	CO20000	5.95	2 1-	4ACSR	0	0	974	296	17	1	1	0.00	1.01	0
CO19972+	CO23780	5.69	2 1-	4ACSR	0	0	1007	299	3	0	0	0.00	1.01	0
CO18045+	CO18076	5.62	1 1-	4ACSR	0	0	1011	299	8	0	0	0.00	1.00	0
CO18044+	CO18076	5.55	1 1-	4ACSR	0	0	1022	300	4	0	0	0.00	1.00	0
CO18054+	CO18077	5.31	1 1-	2ACSR	0	0	1055	302	6	0	0	0.00	1.00	0
CO18055+	CO18054	5.45	1 1-	2ACSR	0	0	1034	300	6	0	0	0.00	1.00	0
CO-737614700+	CO18039	4.95	1 1-	2ACSR	0	0	1103	305	8	0	0	0.00	0.99	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO18694+	CO18692	3.80	1 1-	4ACSR	0	0	1290	316	1	0	0	0.00	0.96	0
CO18695+	CO18694	3.86	1 1-	4ACSR	0	0	1275	315	1	0	0	0.00	0.96	0
CO18757+	CO18695	3.92	1 1-	4ACSR	0	0	1259	314	1	0	0	0.00	0.96	0
CO18758+	CO18757	4.23	1 1-	4ACSR	0	0	1181	308	1	0	0	0.00	0.96	0
CO18633+	CO18801	3.28	1 1-	4ACSR	0	0	1377	319	4	0	0	0.00	0.88	0
CO18612+	CO18617	3.03	3 1-	4ACSR	0	0	1417	320	13	0	1	0.00	0.78	0
CO18635+	CO18612	3.08	1 1-	4ACSR	0	0	1399	319	6	0	0	0.00	0.78	0
CO18763+	CO18612	3.21	2 1-	4ACSR	0	0	1361	316	7	0	0	0.00	0.78	0
CO18764+	CO18763	3.37	1 1-	4ACSR	0	0	1313	313	2	0	0	0.00	0.78	0
CO18765+	CO18764	3.59	1 1-	4ACSR	0	0	1252	309	2	0	0	0.00	0.78	0
CO18766+	CO18765	3.63	0 1-	4ACSR	0	0	1240	309	0	0	0	0.00	0.78	0
CO18704+	CO18761	2.73	2 1-	4ACSR	0	0	1506	324	1	0	0	0.00	0.74	0
CO18727+	CO18704	2.75	2 1-	4ACSR	0	0	1497	324	1	0	0	0.00	0.74	0
CO18728+	CO18727	2.82	1 1-	4ACSR	0	0	1472	323	1	0	0	0.00	0.74	0
CO18159+	CO18246	1.49	1 1-	4ACSR	0	0	1903	337	4	0	0	0.00	0.42	0
CO2084344716+	CO-1724636343	0.23	0 3-	2ACSR	2429	2530	2536	350	0	0	0	0.00	0.06	0
OC-124660940	CO2084344716	0.23	0 3-	20 N FUSE	2429	2530	2536	350	0	0	0	125.94	126.00	0
CO-322495696+	CO-1734132280	0.01	0 3-	336ACSR	2527	2699	2700	353	0	0	0	0.00	0.00	0
OC-720323615+	CO-322495696	0.01	0 3-	560 200WVE	2527	2699	2700	353	0	0	0	0.00	0.00	0
CO1754029876+	OC-720323615	0.01	0 3-	336ACSR	2526	2698	2699	353	0	0	0	0.00	0.00	0
SUB 0 total losses:		\$46,034												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB	0 PEASTICKS		2074		2424	2628	2641	353	11349					
CO9119+	PEASTICKS	0.00	2074 3-	750 MCM - 42 Wi	2423	2626	2639	353	11349	254	22	0.00	0.00	13
CO9120+	CO9119	0.01	2074 3-	750 MCM - 42 Wi	2422	2625	2637	353	11349	254	22	0.00	0.00	13
CO9124+	CO9120	0.02	383 3-	750 MCM - 42 Wi	2419	2619	2631	353	2131	49	4	0.00	0.00	0
Fordge Mill+	CO9124	0.02	383 3-	560 200WVE	2419	2619	2631	353	2131	49	9	0.00	0.00	0
CO8839+	Fordge Mill	0.04	383 3-	336ACSR	2414	2611	2623	353	2131	49	10	0.00	0.01	8
CO8840+	CO8839	0.13	383 3-	336ACSR	2389	2565	2577	352	2131	49	10	0.02	0.03	42
CO9054+	CO8840	0.17	383 3-	336ACSR	2379	2548	2559	352	2130	49	10	0.01	0.03	16
CO9055+	CO9054	0.21	383 3-	336ACSR	2368	2530	2541	352	2130	49	10	0.01	0.04	17
CO9051+	CO9055	0.25	383 3-	336ACSR	2357	2512	2522	352	2130	49	10	0.01	0.05	18
CO9049+	CO9051	0.29	383 3-	336ACSR	2347	2494	2503	352	2130	49	10	0.01	0.06	18
CO9047+	CO9049	0.32	383 3-	336ACSR	2339	2481	2490	352	2130	49	10	0.01	0.06	13
CO9045+	CO9047	0.35	383 3-	336ACSR	2330	2467	2474	351	2130	49	10	0.01	0.07	15
CO9042+	CO9045	0.40	383 3-	336ACSR	2319	2449	2456	351	2130	49	10	0.01	0.08	19
CO9040+	CO9042	0.45	383 3-	336ACSR	2306	2426	2432	351	2130	49	10	0.01	0.09	24
CO9038+	CO9040	0.52	383 3-	336ACSR	2289	2399	2403	351	2130	49	10	0.01	0.10	30
CO9036+	CO9038	0.64	383 3-	336ACSR	2258	2351	2351	350	2130	49	10	0.03	0.13	56
CO9035+	CO9036	0.78	383 3-	336ACSR	2226	2302	2299	350	2129	49	10	0.03	0.16	59
CO9034+	CO9035	0.81	383 3-	336ACSR	2217	2290	2285	349	2129	49	10	0.01	0.16	16
CO9031+	CO9034	0.82	383 3-	336ACSR	2215	2285	2280	349	2129	49	10	0.00	0.17	5
CO8851+	CO9031	0.86	383 3-	336ACSR	2206	2273	2267	349	2129	49	10	0.01	0.17	16
CO9115+	CO8851	0.98	383 3-	336ACSR	2179	2233	2223	349	2129	49	10	0.02	0.20	53
CO17312+	CO9115	1.00	0 1-	336 MCM ACSR 30	0	0	2217	349	0	0	0	0.00	0.20	0
CO17313+	CO17312	1.00	0 1-	336 MCM ACSR 30	0	0	2215	349	0	0	0	0.00	0.20	0
CO8773+	CO9115	1.02	383 3-	336ACSR	2171	2222	2210	349	2129	49	10	0.01	0.20	16
CO8849+	CO8773	1.05	383 3-	336ACSR	2164	2211	2199	348	2129	49	10	0.01	0.21	14
CO8829+	CO8849	1.12	1 1-	2ACSR	0	0	2160	347	6	0	0	0.00	0.21	0
OC887925856+	CO8829	1.12	0 1-	20 N FUSE	0	0	2160	347	0	0	0	0.00	0.21	0
CO8850+	CO8849	1.06	382 3-	336ACSR	2161	2208	2194	348	2123	49	10	0.00	0.21	5
CO17010+	CO8850	1.19	381 3-	336ACSR	2132	2166	2149	348	2120	49	10	0.03	0.24	58
CO9458+	CO17010	1.25	379 3-	336ACSR	2119	2148	2128	347	2107	49	10	0.01	0.25	26
CO9654+	CO9458	1.31	377 3-	336ACSR	2106	2131	2109	347	2095	49	9	0.01	0.26	26
CO9655+	CO9654	1.36	376 3-	336ACSR	2096	2118	2094	347	2095	49	9	0.01	0.27	20
CO9549+	CO9655	1.41	2 1-	336 MCM ACSR 30	0	0	2079	347	1	0	0	0.00	0.27	0
OC-1399189891+	CO9549	1.41	1 1-	20 N FUSE	0	0	2079	347	1	0	0	0.00	0.27	0
CO9478+	OC-1399189891	1.54	1 1-	336 MCM ACSR 30	0	0	2040	346	1	0	0	0.00	0.27	0
CO9653+	CO9655	1.41	373 3-	336ACSR	2086	2104	2079	347	2081	48	9	0.01	0.28	20
CO9460+	CO9653	1.50	372 3-	336ACSR	2067	2078	2049	346	2072	48	9	0.02	0.30	40
CO9459+	CO9460	1.54	370 3-	336ACSR	2060	2068	2038	346	2059	48	9	0.01	0.31	15
CO9338+	CO9459	1.58	369 3-	336ACSR	2050	2056	2024	346	2056	48	9	0.01	0.32	20
CO9339+	CO9338	1.63	369 3-	336ACSR	2041	2043	2010	346	2056	48	9	0.01	0.33	20
CO9546+	CO9339	1.67	5 1-	336 MCM ACSR 30	0	0	1998	346	17	1	0	0.00	0.33	0
OC2107233494+	CO9546	1.67	4 1-	20 N FUSE	0	0	1998	346	11	0	4	0.00	0.33	0
CO9547+	OC2107233494	1.70	4 1-	336 MCM ACSR 30	0	0	1989	345	11	0	0	0.00	0.33	0
CO9384+	CO9547	1.73	1 1-	336 MCM ACSR 30	0	0	1982	345	4	0	0	0.00	0.33	0
CO9548+	CO9547	1.74	3 1-	336 MCM ACSR 30	0	0	1979	345	7	0	0	0.00	0.33	0
CO-1773871158+	CO9548	1.79	1 1-	2ACSR	0	0	1959	345	7	0	0	0.00	0.33	0
CO9385+	CO9339	1.64	1 1-	336 MCM ACSR 30	0	0	2006	346	3	0	0	0.00	0.33	0
OC-1436925675+	CO9385	1.64	0 1-	20 N FUSE	0	0	2006	346	0	0	0	0.00	0.33	0
CO9340+	CO9339	1.70	363 3-	336ACSR	2026	2025	1989	345	2035	47	9	0.01	0.34	29
CO9341+	CO9340	1.82	222 3-	336ACSR	2003	1994	1954	345	1128	26	5	0.01	0.35	15

Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9550+	CO9341	1.85	0 1-	4ACSR	0	0	1943	344	0	0	0	0.00	0.35	0
CO9551+	CO9550	1.99	0 1-	4ACSR	0	0	1875	341	0	0	0	0.00	0.35	0
CO9461+	CO9341	1.84	222 3-	336ACSR	1999	1989	1948	345	1128	26	5	0.00	0.35	3
CO9462+	CO9461	1.88	222 3-	336ACSR	1992	1980	1938	345	1128	26	5	0.00	0.36	5
CO9418+	CO9462	1.91	1 1-	4ACSR	0	0	1926	344	12	0	1	0.00	0.36	0
OC773236313+	CO9418	1.91	0 1-	20 N FUSE	0	0	1926	344	0	0	0	0.00	0.36	0
CO9342+	CO9462	1.91	21 1-	4ACSR	0	0	1924	344	145	10	7	0.01	0.36	0
CO9670+	CO9342	1.92	15 1-	4ACSR	0	0	1921	344	92	6	5	0.00	0.37	0
OC249+	CO9670	1.92	15 1-	50 E OCR	0	0	1921	344	92	6	13	0.00	0.37	0
CO9671+	OC249	1.94	15 1-	4ACSR	0	0	1909	343	92	6	5	0.00	0.37	0
CO9649+	CO9671	1.98	14 1-	4ACSR	0	0	1890	342	87	6	4	0.01	0.37	0
CO9650+	CO9649	2.02	12 1-	4ACSR	0	0	1875	342	68	4	3	0.00	0.38	0
CO9463+	CO9650	2.09	12 1-	4ACSR	0	0	1842	340	68	4	3	0.01	0.39	0
CO9362+	CO9463	2.30	9 1-	4ACSR	0	0	1747	336	46	3	2	0.02	0.40	0
CO9456+	CO9362	2.49	7 1-	4ACSR	0	0	1666	332	29	2	1	0.01	0.41	0
CO9457+	CO9456	2.58	4 1-	4ACSR	0	0	1628	330	25	1	1	0.00	0.41	0
CO9367+	CO9457	2.66	2 1-	4ACSR	0	0	1600	328	12	0	1	0.00	0.42	0
CO9692+	CO9457	2.69	2 1-	4ACSR	0	0	1586	327	13	0	1	0.00	0.42	0
CO9693+	CO9692	2.80	1 1-	4ACSR	0	0	1545	325	3	0	0	0.00	0.42	0
CO9383+	CO9692	2.74	1 1-	4ACSR	0	0	1567	326	9	0	0	0.00	0.42	0
CO9380+	CO9362	2.36	2 1-	4ACSR	0	0	1722	334	17	1	1	0.00	0.40	0
CO9421+	CO9463	2.15	0 1-	4ACSR	0	0	1812	339	0	0	0	0.00	0.39	0
CO9414+	CO9463	2.12	2 1-	750 MCM - 42 Wi	0	0	1834	340	16	1	0	0.00	0.39	0
CO9646+	CO9342	1.99	2 1-	4ACSR	0	0	1887	342	19	1	1	0.00	0.37	0
CO9647+	CO9646	2.06	1 1-	4ACSR	0	0	1855	341	7	0	0	0.00	0.37	0
CO9648+	CO9647	2.24	0 1-	4ACSR	0	0	1773	337	0	0	0	0.00	0.37	0
CO9554+	CO9342	1.93	3 1-	4ACSR	0	0	1913	343	27	1	1	0.00	0.37	0
CO9555+	CO9554	2.04	3 1-	4ACSR	0	0	1864	341	27	1	1	0.00	0.37	0
CO9553+	CO9555	2.10	2 1-	4ACSR	0	0	1836	340	16	1	1	0.00	0.37	0
CO9552+	CO9553	2.18	1 1-	4ACSR	0	0	1798	338	8	0	0	0.00	0.37	0
CO9641+	CO9462	1.92	200 3-	336ACSR	1984	1970	1926	344	971	22	4	0.00	0.36	4
CO9642+	CO9641	1.98	199 3-	336ACSR	1974	1958	1912	344	962	22	4	0.00	0.37	5
CO9404+	CO9642	2.06	1 1-	4ACSR	0	0	1874	342	17	1	1	0.00	0.37	0
OC1043301868+	CO9404	2.06	0 1-	20 N FUSE	0	0	1874	342	0	0	0	0.00	0.37	0
CO9464+	CO9642	2.07	196 3-	336ACSR	1956	1936	1887	344	926	21	4	0.01	0.37	8
CO9643+	CO9464	2.11	196 3-	336ACSR	1950	1928	1877	344	926	21	4	0.00	0.38	3
CO9644+	CO9643	2.24	195 3-	336ACSR	1926	1898	1844	343	926	21	4	0.01	0.39	11
CO9645+	CO9644	2.28	194 3-	336ACSR	1918	1888	1833	343	915	21	4	0.00	0.39	4
CO9403+	CO9645	2.38	1 1-	336 MCM ACSR 30	0	0	1810	342	3	0	0	0.00	0.39	0
OC398299080+	CO9403	2.38	0 1-	20 N FUSE	0	0	1810	342	0	0	0	0.00	0.39	0
CO9465+	CO9645	2.32	192 3-	336ACSR	1912	1881	1824	343	897	21	4	0.00	0.40	3
CO9651+	CO9465	2.36	191 3-	336ACSR	1905	1873	1814	342	897	21	4	0.00	0.40	3
CO9652+	CO9651	2.41	190 3-	336ACSR	1895	1861	1801	342	894	21	4	0.00	0.40	4
CO9343+	CO9652	2.48	187 3-	336ACSR	1883	1846	1784	342	868	20	4	0.01	0.41	5
CO9402+	CO9343	2.54	1 1-	336 MCM ACSR 30	0	0	1771	342	6	0	0	0.00	0.41	0
OC2087434875+	CO9402	2.54	0 1-	20 N FUSE	0	0	1771	342	0	0	0	0.00	0.41	0
CO-461867885+	OC2087434875	2.73	0 1-	2ACSR	0	0	1706	339	0	0	0	0.00	0.41	0
CO9401+	CO9343	2.53	2 1-	336 MCM ACSR 30	0	0	1773	342	4	0	0	0.00	0.41	0
OC1500592862+	CO9401	2.53	0 1-	20 N FUSE	0	0	1773	342	0	0	0	0.00	0.41	0
CO9505+	CO9343	2.54	184 3-	336ACSR	1874	1836	1772	342	858	20	4	0.00	0.41	4
CO9506+	CO9505	2.62	184 3-	336ACSR	1861	1820	1753	341	858	20	4	0.01	0.42	6
CO9406+	CO9506	2.66	3 1-	4ACSR	0	0	1735	340	18	1	1	0.00	0.42	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1615486305+	CO9406	2.66	0 1-	20 N FUSE	0	0	1735	340	0	0	0	0.00	0.42	0
CO9503+	CO9506	2.65	181 3-	336ACSR	1856	1814	1746	341	840	19	4	0.00	0.42	0
CO9504+	CO9503	2.69	179 3-	336ACSR	1848	1805	1736	341	828	19	4	0.00	0.43	3
CO9586+	CO9504	2.72	0 1-	2ACSR	0	0	1726	341	0	0	0	0.00	0.43	0
OC1471476032+	CO9586	2.72	0 1-	20 N FUSE	0	0	1726	341	0	0	0	0.00	0.43	0
CO9587+	OC1471476032	2.75	0 1-	2ACSR	0	0	1717	340	0	0	0	0.00	0.43	0
CO9502+	CO9504	2.73	178 3-	336ACSR	1841	1797	1727	341	828	19	4	0.00	0.43	3
CO9501+	CO9502	2.78	178 3-	336ACSR	1834	1788	1717	341	828	19	4	0.00	0.43	3
CO9616+	CO9501	2.81	123 3-	336ACSR	1829	1782	1711	340	541	12	2	0.00	0.44	0
CO9617+	CO9616	2.83	122 3-	336ACSR	1826	1779	1706	340	536	12	2	0.00	0.44	0
CO9694+	CO9617	2.88	120 3-	336ACSR	1818	1770	1696	340	526	12	2	0.00	0.44	0
CO9467+	CO9694	2.92	120 3-	336ACSR	1811	1761	1686	340	526	12	2	0.00	0.44	0
CO9466+	CO9467	3.01	120 3-	336ACSR	1798	1746	1669	340	526	12	2	0.00	0.44	2
CO9379+	CO9466	3.06	1 1-	4ACSR	0	0	1648	338	10	0	1	0.00	0.45	0
OC27339682+	CO9379	3.06	0 1-	20 N FUSE	0	0	1648	338	0	0	0	0.00	0.45	0
CO9453+	CO9466	3.06	119 3-	336ACSR	1790	1737	1658	339	516	12	2	0.00	0.45	0
CO9454+	CO9453	3.18	119 3-	336ACSR	1772	1716	1635	339	516	12	2	0.01	0.45	3
CO9455+	CO9454	3.26	119 3-	336ACSR	1759	1702	1619	338	515	12	2	0.00	0.46	0
CO9429+	CO9455	3.53	116 3-	336ACSR	1720	1658	1567	337	506	11	2	0.01	0.47	7
CO9430+	CO9429	3.64	116 3-	336ACSR	1705	1641	1548	337	506	11	2	0.01	0.47	3
CO9428+	CO9430	3.73	116 3-	336ACSR	1691	1626	1532	336	506	11	2	0.00	0.48	2
CO9434+	CO9428	3.81	112 3-	336ACSR	1680	1614	1517	336	499	11	2	0.00	0.48	0
CO9435+	CO9434	3.90	112 3-	336ACSR	1669	1601	1503	335	499	11	2	0.00	0.49	0
FD-993575881+	CO9435	3.90	111 3-	_DefaultBayEqui	1669	1601	1503	335	497	11	0	0.00	0.49	0
CO9330+	FD-993575881	4.03	111 3-	336ACSR	1651	1583	1482	335	497	11	2	0.01	0.49	3
OC-993575881+	CO9330	4.03	110 3-	20 N FUSE	1651	1583	1482	335	489	11	57	0.00	0.49	0
CO9331+	OC-993575881	4.25	110 3-	336ACSR	1622	1551	1446	334	489	11	2	0.01	0.50	5
CO9598+	CO9331	4.34	106 3-	2ACSR	1604	1532	1424	332	467	10	6	0.01	0.52	10
CO9599+	CO9598	4.42	105 3-	2ACSR	1588	1516	1406	331	467	10	6	0.01	0.53	8
CO9436+	CO9599	4.58	97 3-	2ACSR	1555	1482	1368	329	441	10	6	0.02	0.55	16
OC259+	CO9436	4.58	97 3-	70 E OCR	1555	1482	1368	329	440	10	15	0.00	0.55	0
CO9596+	OC259	4.65	97 3-	2ACSR	1543	1470	1353	328	440	10	6	0.01	0.56	6
CO9597+	CO9596	4.73	96 3-	2ACSR	1527	1454	1336	327	432	10	6	0.01	0.57	7
CO9369+	CO9597	4.75	1 1-	2ACSR	0	0	1331	327	0	0	0	0.00	0.57	0
OC1938620751+	CO9369	4.75	0 1-	20 N FUSE	0	0	1331	327	0	0	0	0.00	0.57	0
CO9684+	CO9597	4.73	95 3-	2ACSR	1526	1453	1334	327	431	10	6	0.00	0.57	0
CO9685+	CO9684	4.82	95 3-	2ACSR	1509	1436	1315	326	431	10	6	0.01	0.58	8
CO9370+	CO9685	4.88	1 1-	2ACSR	0	0	1303	325	1	0	0	0.00	0.58	0
OC-1535989179+	CO9370	4.88	0 1-	20 N FUSE	0	0	1303	325	0	0	0	0.00	0.58	0
CO9332+	CO9685	4.89	94 3-	2ACSR	1495	1423	1300	325	431	10	6	0.01	0.59	7
CO9333+	CO9332	4.96	90 3-	2ACSR	1482	1409	1286	324	411	9	5	0.01	0.60	6
CO9526+	CO9333	5.04	4 1-	2ACSR	0	0	1271	323	21	1	1	0.00	0.60	0
OC2099754580+	CO9526	5.04	4 1-	20 N FUSE	0	0	1271	323	21	1	7	0.00	0.60	0
CO9381+	OC2099754580	5.07	3 1-	4ACSR	0	0	1264	322	13	0	1	0.00	0.60	0
CO9527+	OC2099754580	5.10	1 1-	2ACSR	0	0	1259	322	8	0	0	0.00	0.60	0
CO9382+	CO9333	5.00	2 1-	4ACSR	0	0	1277	323	3	0	0	0.00	0.60	0
OC733884388+	CO9382	5.00	0 1-	20 N FUSE	0	0	1277	323	0	0	0	0.00	0.60	0
CO9334+	CO9333	5.08	84 3-	2ACSR	1460	1388	1262	322	388	9	5	0.01	0.62	9
CO9372+	CO9334	5.18	1 1-	2ACSR	0	0	1243	321	6	0	0	0.00	0.62	0
OC-645694310+	CO9372	5.18	0 1-	20 N FUSE	0	0	1243	321	0	0	0	0.00	0.62	0
CO9335+	CO9334	5.12	18 1-	4ACSR	0	0	1253	321	83	5	4	0.00	0.62	0
OC2117962293+	CO9335	5.12	18 1-	20 N FUSE	0	0	1253	321	83	5	29	0.00	0.62	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9544+	OC2117962293	5.16	2 1-	4ACSR	0	0	1242	320	14	0	1	0.00	0.62	0
CO9545+	CO9544	5.23	2 1-	4ACSR	0	0	1227	319	14	0	1	0.00	0.62	0
CO9336+	OC2117962293	5.14	16 1-	4ACSR	0	0	1248	321	69	4	3	0.00	0.62	0
CO9532+	CO9336	5.24	10 1-	4ACSR	0	0	1224	319	33	2	2	0.01	0.63	0
CO9533+	CO9532	5.26	7 1-	4ACSR	0	0	1221	318	27	1	1	0.00	0.63	0
CO9535+	CO9533	5.32	4 1-	4ACSR	0	0	1207	317	18	1	1	0.00	0.63	0
CO9536+	CO9535	5.40	1 1-	4ACSR	0	0	1190	316	0	0	0	0.00	0.63	0
CO9534+	CO9533	5.35	1 1-	4ACSR	0	0	1200	317	1	0	0	0.00	0.63	0
CO9530+	CO9336	5.20	6 1-	4ACSR	0	0	1235	320	37	2	2	0.00	0.63	0
CO9594+	CO9530	5.22	1 1-	2/0ACSR	0	0	1232	320	2	0	0	0.00	0.63	0
CO9595+	CO9594	5.25	1 1-	2/0ACSR	0	0	1226	319	2	0	0	0.00	0.63	0
CO9531+	CO9530	5.23	4 1-	4ACSR	0	0	1227	319	30	2	1	0.00	0.63	0
CO9529+	CO9531	5.32	2 1-	4ACSR	0	0	1207	317	18	1	1	0.00	0.63	0
CO9528+	CO9529	5.41	1 1-	4ACSR	0	0	1187	316	6	0	0	0.00	0.63	0
CO9610+	CO9334	5.13	65 3-	2ACSR	1451	1379	1252	321	299	7	4	0.00	0.62	2
CO9611+	CO9610	5.37	64 3-	2ACSR	1409	1338	1207	318	292	6	4	0.02	0.64	10
CO9373+	CO9611	5.42	2 1-	2ACSR	0	0	1196	317	0	0	0	0.00	0.64	0
OC-536577082+	CO9373	5.42	0 1-	20 N FUSE	0	0	1196	317	0	0	0	0.00	0.64	0
CO686392713+	OC-536577082	5.49	0 1-	2ACSR	0	0	1183	316	0	0	0	0.00	0.64	0
CO9662+	CO9611	5.50	62 3-	2ACSR	1386	1316	1183	316	292	6	4	0.01	0.65	6
CO9663+	CO9662	5.77	62 3-	2ACSR	1341	1272	1135	313	292	6	4	0.03	0.68	12
CO9337+	CO9663	5.96	59 3-	2ACSR	1310	1243	1104	310	282	6	4	0.02	0.70	8
CO16991+	CO9337	6.02	59 3-	2ACSR	1301	1234	1095	309	282	6	4	0.01	0.70	2
CO9094+	CO16991	6.15	58 3-	2ACSR	1280	1215	1075	308	282	6	4	0.01	0.71	5
FD-1930046168+	CO9094	6.15	58 3-	_DefaultBayEqui	1280	1215	1075	308	282	6	0	0.00	0.71	0
CO8897+	FD-1930046168	6.24	58 3-	2ACSR	1266	1202	1060	307	282	6	4	0.01	0.72	4
OC-1930046168+	CO8897	6.24	57 3-	20 N FUSE	1266	1202	1060	307	270	6	32	0.00	0.72	0
CO8743+	OC-1930046168	6.36	57 3-	2ACSR	1248	1185	1043	305	270	6	4	0.01	0.73	4
CO8744+	CO8743	6.50	51 3-	2ACSR	1228	1165	1023	303	253	5	3	0.01	0.74	5
CO9090+	CO8744	6.55	2 1-	2ACSR	0	0	1016	303	5	0	0	0.00	0.74	0
CO9091+	CO9090	6.60	2 1-	2ACSR	0	0	1010	302	5	0	0	0.00	0.74	0
CO8745+	CO8744	6.56	48 3-	2ACSR	1219	1158	1015	303	246	5	3	0.00	0.75	0
CO8883+	CO8745	6.70	8 3-	2ACSR	1200	1139	996	301	86	2	1	0.00	0.75	0
CO17110+	CO8883	6.88	7 3-	2ACSR	1175	1117	972	299	85	1	1	0.00	0.76	0
CO9299+	CO17110	6.94	4 1-	2ACSR	0	0	964	298	75	5	3	0.01	0.76	0
OC-979754731+	CO9299	6.94	3 1-	20 N FUSE	0	0	964	298	70	4	25	0.00	0.76	0
CO9300+	OC-979754731	7.00	3 1-	2ACSR	0	0	957	297	70	4	3	0.00	0.76	0
CO9144+	CO17110	7.02	2 3-	2ACSR	1157	1099	955	297	6	0	0	0.00	0.76	0
CO9145+	CO9144	7.06	0 3-	2ACSR	1152	1094	950	297	0	0	0	0.00	0.76	0
SW247-B+	CO9145	7.06	0 3-	Open	1152	1094	950	297	0	0	0	0.00	0.76	0
CO9176+	CO9144	7.07	2 1-	2ACSR	0	0	949	296	6	0	0	0.00	0.76	0
OC-1551889299+	CO9176	7.07	0 1-	20 N FUSE	0	0	949	296	0	0	0	0.00	0.76	0
CO9175+	CO17110	6.92	1 1-	2ACSR	0	0	966	298	4	0	0	0.00	0.76	0
OC1020242370+	CO9175	6.92	0 1-	20 N FUSE	0	0	966	298	0	0	0	0.00	0.76	0
CO9103+	CO8745	6.56	30 1-	6ACWC	0	0	1014	302	126	8	6	0.00	0.75	0
OC228+	CO9103	6.56	30 1-	35 E OCR	0	0	1014	302	126	8	25	0.00	0.75	0
CO9104+	OC228	6.61	30 1-	6ACWC	0	0	1007	302	126	8	6	0.01	0.76	0
CO8881+	CO9104	6.65	24 1-	6ACWC	0	0	1000	301	95	6	5	0.01	0.76	0
CO8882+	CO8881	6.70	22 1-	6ACWC	0	0	991	300	93	6	5	0.01	0.77	0
CO8880+	CO8882	6.83	20 1-	6ACWC	0	0	971	298	92	6	5	0.02	0.79	3
CO8879+	CO8880	6.87	20 1-	6ACWC	0	0	965	297	92	6	5	0.01	0.80	0
CO8787+	CO8879	6.91	1 1-	6ACWC	0	0	959	297	3	0	0	0.00	0.80	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9080+	CO8879	6.91	19 1-	4ACSR	0	0	959	297	88	6	4	0.01	0.80	0
CO9081+	CO9080	7.01	16 1-	4ACSR	0	0	943	295	82	5	4	0.01	0.82	0
CO8884+	CO9081	7.09	14 1-	4ACSR	0	0	931	293	78	5	4	0.01	0.83	0
CO8885+	CO8884	7.13	12 1-	4ACSR	0	0	927	293	57	4	3	0.00	0.83	0
CO8886+	CO8885	7.17	12 1-	4ACSR	0	0	920	292	57	4	3	0.00	0.83	0
CO8887+	CO8886	7.20	11 1-	4ACSR	0	0	916	292	47	3	2	0.00	0.84	0
CO8888+	CO8887	7.28	11 1-	4ACSR	0	0	905	290	47	3	2	0.01	0.84	0
CO8889+	CO8888	7.34	11 1-	4ACSR	0	0	897	289	47	3	2	0.00	0.85	0
CO8890+	CO8889	7.37	9 1-	4ACSR	0	0	892	289	40	2	2	0.00	0.85	0
CO8891+	CO8890	7.44	9 1-	4ACSR	0	0	883	288	40	2	2	0.00	0.85	0
CO8892+	CO8891	7.49	5 1-	4ACSR	0	0	877	287	22	1	1	0.00	0.85	0
CO8893+	CO8892	7.52	5 1-	4ACSR	0	0	872	287	22	1	1	0.00	0.85	0
CO8894+	CO8893	7.57	3 1-	4ACSR	0	0	866	286	14	0	1	0.00	0.85	0
CO8895+	CO8894	7.63	2 1-	4ACSR	0	0	858	285	7	0	0	0.00	0.86	0
CO8896+	CO8895	7.66	0 1-	4ACSR	0	0	854	284	0	0	0	0.00	0.86	0
CO9082+	CO9104	6.63	3 1-	6ACWC	0	0	1003	301	22	1	1	0.00	0.76	0
CO9083+	CO9082	6.65	2 1-	6ACWC	0	0	999	301	20	1	1	0.00	0.76	0
CO9099+	CO8745	6.56	6 1-	4ACSR	0	0	1014	302	23	1	1	0.00	0.75	0
OC226+	CO9099	6.56	6 1-	10 N FUSE	0	0	1014	302	23	1	16	0.00	0.75	0
CO9100+	OC226	6.72	6 1-	4ACSR	0	0	988	300	23	1	1	0.01	0.75	0
CO17109+	CO9100	6.87	1 1-	4ACSR	0	0	964	297	1	0	0	0.00	0.75	0
CO9305+	CO17109	6.95	1 1-	4ACSR	0	0	953	296	1	0	0	0.00	0.75	0
CO9304+	CO9305	7.02	1 1-	4ACSR	0	0	941	295	1	0	0	0.00	0.75	0
CO16987+	CO9100	6.94	5 1-	4ACSR	0	0	953	296	22	1	1	0.01	0.76	0
CO17006+	CO16987	7.11	1 1-	4ACSR	0	0	929	293	11	0	1	0.00	0.77	0
CO9765+	CO17006	7.17	1 1-	4ACSR	0	0	919	292	11	0	1	0.00	0.77	0
CO9540+	CO16987	7.13	3 1-	4ACSR	0	0	925	293	12	0	1	0.00	0.77	0
CO9541+	CO9540	7.18	3 1-	4ACSR	0	0	918	292	12	0	1	0.00	0.77	0
CO9105+	CO8743	6.37	6 1-	4ACSR	0	0	1042	305	17	1	1	0.00	0.73	0
OC229+	CO9105	6.37	6 1-	10 N FUSE	0	0	1042	305	17	1	12	0.00	0.73	0
CO9106+	OC229	6.41	6 1-	4ACSR	0	0	1035	304	17	1	1	0.00	0.73	0
CO16989+	CO9106	6.79	2 1-	4ACSR	0	0	972	298	10	0	0	0.00	0.74	0
CO-1635760712+	CO16989	6.89	0 1-	2ACSR	0	0	958	296	0	0	0	0.00	0.74	0
CO9437+	CO16989	6.83	1 1-	4ACSR	0	0	965	297	0	0	0	0.00	0.74	0
CO9438+	CO9437	6.89	1 1-	4ACSR	0	0	956	296	0	0	0	0.00	0.74	0
CO9439+	CO9438	6.92	1 1-	4ACSR	0	0	952	295	0	0	0	0.00	0.74	0
CO9440+	CO9439	6.99	1 1-	4ACSR	0	0	941	294	0	0	0	0.00	0.74	0
CO8790+	CO9106	6.46	1 1-	4ACSR	0	0	1025	303	1	0	0	0.00	0.73	0
CO8789+	CO9106	6.44	0 1-	4ACSR	0	0	1028	304	0	0	0	0.00	0.73	0
CO8788+	CO9106	6.48	1 1-	4ACSR	0	0	1023	303	2	0	0	0.00	0.73	0
CO8786+	CO8897	6.30	1 1-	2ACSR	0	0	1052	306	11	0	0	0.00	0.72	0
OC-57512400+	CO8786	6.30	0 1-	20 N FUSE	0	0	1052	306	0	0	0	0.00	0.72	0
CO16990+	CO9337	6.05	0 1-	2ACSR	0	0	1089	309	0	0	0	0.00	0.70	0
OC-1312271612+	CO16990	6.05	0 1-	20 N FUSE	0	0	1089	309	0	0	0	0.00	0.70	0
CO9537+	CO9663	5.89	3 1-	2ACSR	0	0	1116	311	10	0	0	0.00	0.68	0
OC676068754+	CO9537	5.89	2 1-	20 N FUSE	0	0	1116	311	1	0	0	0.00	0.68	0
CO9538+	OC676068754	5.92	2 1-	2ACSR	0	0	1110	311	1	0	0	0.00	0.68	0
CO9539+	CO9538	6.02	1 1-	2ACSR	0	0	1095	309	0	0	0	0.00	0.68	0
CO9371+	CO9332	4.96	4 1-	2ACSR	0	0	1286	324	19	1	1	0.00	0.59	0
OC1436808561+	CO9371	4.96	0 1-	20 N FUSE	0	0	1286	324	0	0	0	0.00	0.59	0
CO9375+	CO9599	4.51	0 1-	336 MCM ACSR 30	0	0	1393	331	0	0	0	0.00	0.53	0
CO9676+	CO9599	4.42	8 1-	4ACSR	0	0	1404	331	26	1	1	0.00	0.53	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC253+	CO9676	4.42	8 1-	10 N FUSE	0	0	1404	331	26	1	18	0.00	0.53	0
CO9677+	OC253	4.66	8 1-	4ACSR	0	0	1343	326	26	1	1	0.01	0.54	0
CO9680+	CO9677	4.66	7 1-	4ACSR	0	0	1341	326	24	1	1	0.00	0.54	0
OC255+	CO9680	4.66	7 1-	35 E OCR	0	0	1341	326	24	1	5	0.00	0.54	0
CO9681+	OC255	4.70	7 1-	4ACSR	0	0	1332	326	24	1	1	0.00	0.54	0
CO9600+	CO9681	4.74	5 1-	4ACSR	0	0	1322	325	16	1	1	0.00	0.54	0
CO9441+	CO9600	5.02	5 1-	4ACSR	0	0	1252	319	16	1	1	0.01	0.55	0
CO9542+	CO9441	5.09	0 1-	4ACSR	0	0	1235	318	0	0	0	0.00	0.55	0
CO9376+	CO9542	5.26	0 1-	4ACSR	0	0	1197	315	0	0	0	0.00	0.55	0
CO9543+	CO9542	5.13	0 1-	4ACSR	0	0	1227	317	0	0	0	0.00	0.55	0
CO9443+	CO9441	5.09	5 1-	4ACSR	0	0	1235	318	16	1	1	0.00	0.55	0
CO9601+	CO9443	5.19	4 1-	4ACSR	0	0	1213	316	13	0	1	0.00	0.55	0
CO9602+	CO9601	5.28	4 1-	4ACSR	0	0	1192	314	13	0	1	0.00	0.55	0
CO9442+	CO9602	5.37	4 1-	4ACSR	0	0	1174	313	13	0	1	0.00	0.56	0
CO9603+	CO9442	5.49	2 1-	4ACSR	0	0	1146	310	7	0	0	0.00	0.56	0
CO9604+	CO9603	5.59	1 1-	4ACSR	0	0	1126	308	0	0	0	0.00	0.56	0
CO9605+	CO9604	5.65	1 1-	4ACSR	0	0	1114	307	0	0	0	0.00	0.56	0
CO9444+	CO9605	5.69	1 1-	4ACSR	0	0	1105	307	0	0	0	0.00	0.56	0
CO17009+	CO9444	5.85	1 1-	4ACSR	0	0	1074	304	0	0	0	0.00	0.56	0
CO9763+	CO17009	6.00	1 1-	4ACSR	0	0	1045	301	0	0	0	0.00	0.56	0
CO9764+	CO9763	6.31	0 1-	4ACSR	0	0	991	296	0	0	0	0.00	0.56	0
CO9762+	CO9764	6.53	0 1-	4ACSR	0	0	956	292	0	0	0	0.00	0.56	0
CO9447+	CO9605	5.73	0 1-	4ACSR	0	0	1097	306	0	0	0	0.00	0.56	0
CO9664+	CO9447	5.76	0 1-	4ACSR	0	0	1092	305	0	0	0	0.00	0.56	0
CO9665+	CO9664	5.92	0 1-	4ACSR	0	0	1061	302	0	0	0	0.00	0.56	0
CO9446+	CO9665	6.02	0 1-	4ACSR	0	0	1043	301	0	0	0	0.00	0.56	0
CO9445+	CO9446	6.13	0 1-	4ACSR	0	0	1022	299	0	0	0	0.00	0.56	0
CO9377+	CO9677	4.70	1 1-	4ACSR	0	0	1331	326	2	0	0	0.00	0.54	0
CO9448+	CO9331	4.65	4 3-	2ACSR	1542	1469	1353	328	22	0	0	0.00	0.51	0
CO9449+	CO9448	4.86	4 3-	2ACSR	1502	1429	1308	325	22	0	0	0.00	0.51	0
CO9450+	CO9449	4.89	4 3-	2ACSR	1496	1423	1301	325	22	0	0	0.00	0.51	0
CO9452+	CO9450	5.08	4 1-	2ACSR	0	0	1262	322	22	1	1	0.00	0.51	0
CO9606+	CO9452	5.18	2 1-	2ACSR	0	0	1242	321	10	0	0	0.00	0.51	0
OC1648522599+	CO9606	5.18	1 1-	20 N FUSE	0	0	1242	321	1	0	0	0.00	0.51	0
CO9607+	OC1648522599	5.46	1 1-	2ACSR	0	0	1190	317	1	0	0	0.00	0.51	0
CO9451+	CO9450	4.97	0 3-	2ACSR	1481	1408	1285	324	0	0	0	0.00	0.51	0
CO9686+	CO9451	5.13	0 3-	2ACSR	1452	1380	1253	321	0	0	0	0.00	0.51	0
#SW260-B+	CO9686	5.13	0 3-	Open	1452	1380	1253	321	0	0	0	0.00	0.51	0
CO9374+	CO9330	4.17	1 1-	336 MCM ACSR 30	0	0	1460	334	8	0	0	0.00	0.49	0
OC-616049001+	CO9374	4.17	0 1-	20 N FUSE	0	0	1460	334	0	0	0	0.00	0.49	0
CO9378+	CO9435	3.96	1 1-	4ACSR	0	0	1483	334	2	0	0	0.00	0.49	0
OC1655621936+	CO9378	3.96	0 1-	20 N FUSE	0	0	1483	334	0	0	0	0.00	0.49	0
CO9368+	CO9428	3.77	4 1-	336 MCM ACSR 30	0	0	1526	336	8	0	0	0.00	0.48	0
OC233501327+	CO9368	3.77	0 1-	20 N FUSE	0	0	1526	336	0	0	0	0.00	0.48	0
CO9674+	CO9455	3.26	3 1-	4ACSR	0	0	1616	338	9	0	0	0.00	0.46	0
OC252+	CO9674	3.26	3 1-	10 N FUSE	0	0	1616	338	9	0	7	0.00	0.46	0
CO9675+	OC252	3.32	3 1-	4ACSR	0	0	1598	337	9	0	0	0.00	0.46	0
CO9433+	CO9675	3.38	2 1-	4ACSR	0	0	1579	336	0	0	0	0.00	0.46	0
CO9424+	CO9433	3.42	0 1-	2ACSR	0	0	1567	335	0	0	0	0.00	0.46	0
CO9432+	CO9433	3.55	2 1-	4ACSR	0	0	1519	332	0	0	0	0.00	0.46	0
CO9431+	CO9432	3.70	2 1-	4ACSR	0	0	1474	329	0	0	0	0.00	0.46	0
CO9608+	CO9431	3.78	2 1-	4ACSR	0	0	1446	327	0	0	0	0.00	0.46	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9609+	CO9608	3.89	1 1-	4ACSR	0	0	1416	325	0	0	0	0.00	0.46	0
CO9618+	CO9501	2.82	55 1-	2ACSR	0	0	1702	340	287	20	11	0.01	0.45	6
XFMR109	CO9618	2.82	54 1-	333 KVA 1PH AUT	0	0	996	176	280	19	86	1.17	1.62	0
CO9619	XFMR109	2.85	54 1-	2ACSR	0	0	990	175	280	39	22	0.04	1.65	16
CO9344	CO9619	2.92	51 1-	2ACSR	0	0	977	175	261	37	21	0.08	1.74	32
CO9678	CO9344	2.93	49 1-	2ACSR	0	0	976	175	257	36	20	0.01	1.75	3
OC254	CO9678	2.93	49 1-	70 L OCR	0	0	976	175	257	36	52	0.00	1.75	0
CO9679	OC254	2.95	49 1-	2ACSR	0	0	972	175	257	36	20	0.03	1.77	10
CO9470	CO9679	3.02	49 1-	2ACSR	0	0	958	174	257	36	20	0.09	1.86	34
CO9469	CO9470	3.21	49 1-	2ACSR	0	0	922	172	257	36	20	0.23	2.09	90
CO9468	CO9469	3.68	48 1-	2ACSR	0	0	838	169	252	35	20	0.57	2.66	216
CO9345	CO9468	3.84	7 1-	2ACSR	0	0	813	168	35	4	3	0.02	2.68	0
CO9412	CO9345	3.89	0 1-	4ACSR	0	0	803	167	0	0	0	0.00	2.68	0
CO9516	CO9345	3.94	6 1-	2ACSR	0	0	798	167	33	4	3	0.01	2.70	0
CO9517	CO9516	3.97	5 1-	2ACSR	0	0	793	167	22	3	2	0.00	2.70	0
CO9622	CO9517	4.00	5 1-	2ACSR	0	0	789	167	22	3	2	0.00	2.70	0
CO9623	CO9622	4.03	4 1-	2ACSR	0	0	784	166	20	2	2	0.00	2.71	0
CO9624	CO9623	4.07	3 1-	2ACSR	0	0	777	166	10	1	1	0.00	2.71	0
CO9394	CO9624	4.10	2 1-	4ACSR	0	0	773	166	2	0	0	0.00	2.71	0
CO9393	CO9624	4.10	1 1-	4ACSR	0	0	773	166	9	1	1	0.00	2.71	0
CO9358	CO9624	4.10	0 1-	2ACSR	0	0	774	166	0	0	0	0.00	2.71	0
CO9688	CO9358	4.17	0 1-	2ACSR	0	0	763	165	0	0	0	0.00	2.71	0
SW261-B	CO9688	4.17	0 1-	Open	0	0	763	165	0	0	0	0.00	2.71	0
CO9682	CO9468	3.69	41 1-	2ACSR	0	0	837	169	217	30	17	0.01	2.67	2
OC256	CO9682	3.69	41 1-	35 L OCR	0	0	837	169	217	30	89	0.00	2.67	0
CO9683	OC256	3.71	41 1-	2ACSR	0	0	834	169	217	30	17	0.02	2.69	7
CO9346	CO9683	3.80	40 1-	2ACSR	0	0	819	168	215	30	17	0.10	2.78	32
CO9620	CO9346	3.89	2 1-	4ACSR	0	0	804	167	1	0	0	0.00	2.78	0
CO9621	CO9620	3.99	1 1-	4ACSR	0	0	785	166	1	0	0	0.00	2.79	0
CO9612	CO9346	3.99	38 1-	2ACSR	0	0	789	167	214	30	17	0.19	2.98	63
CO9614	CO9612	4.12	37 1-	2ACSR	0	0	770	166	214	30	17	0.13	3.11	41
CO9615	CO9614	4.20	35 1-	2ACSR	0	0	759	165	199	28	16	0.07	3.18	21
CO9613	CO9615	4.25	33 1-	2ACSR	0	0	751	165	184	26	15	0.05	3.22	13
CO17004	CO9613	4.32	23 1-	2ACSR	0	0	741	164	118	16	9	0.04	3.26	7
CO9987	CO17004	4.38	1 1-	750 MCM - 42 Wi	0	0	738	164	7	1	0	0.00	3.26	0
CO10106	CO17004	4.38	21 1-	2ACSR	0	0	733	164	100	14	8	0.03	3.29	4
CO10107	CO10106	4.42	20 1-	2ACSR	0	0	729	164	97	13	8	0.02	3.31	2
CO9953	CO10107	4.61	16 1-	2ACSR	0	0	704	162	69	9	5	0.06	3.37	6
CO10110	CO9953	4.66	1 1-	2ACSR	0	0	697	162	11	1	1	0.00	3.37	0
CO10111	CO10110	4.68	1 1-	2ACSR	0	0	695	162	11	1	1	0.00	3.37	0
CO9988	CO10111	4.73	1 1-	2ACSR	0	0	688	161	11	1	1	0.00	3.37	0
CO9955	CO9953	4.66	14 1-	2ACSR	0	0	697	162	54	7	4	0.01	3.38	0
CO10104	CO9955	4.67	13 1-	2ACSR	0	0	696	162	48	6	4	0.00	3.38	0
CO10105	CO10104	4.78	12 1-	2ACSR	0	0	682	161	42	6	3	0.02	3.40	0
CO10103	CO10105	4.91	11 1-	2ACSR	0	0	668	160	37	5	3	0.02	3.43	0
CO9954	CO10103	4.97	3 1-	2ACSR	0	0	660	160	12	1	1	0.00	3.43	0
CO9981	CO9954	5.11	1 1-	2ACSR	0	0	644	159	6	0	0	0.00	3.43	0
CO10112	CO9954	5.08	1 1-	2ACSR	0	0	648	159	6	0	0	0.00	3.43	0
CO10113	CO10112	5.14	0 1-	2ACSR	0	0	642	159	0	0	0	0.00	3.43	0
CO9980	CO10113	5.20	0 1-	2ACSR	0	0	635	158	0	0	0	0.00	3.43	0
CO9979	CO10113	5.33	0 1-	2ACSR	0	0	622	157	0	0	0	0.00	3.43	0
CO10102	CO10103	5.04	8 1-	2ACSR	0	0	652	159	25	3	2	0.01	3.44	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10114	CO10102	5.06	7 1-	2ACSR	0	0	650	159	17	2	1	0.00	3.44	0
CO10115	CO10114	5.10	6 1-	2ACSR	0	0	646	159	10	1	1	0.00	3.44	0
CO9956	CO10115	5.26	2 1-	2ACSR	0	0	629	158	3	0	0	0.00	3.45	0
CO10059	CO9956	5.31	1 1- 750 MCM - 42 Wi	0	0	0	626	158	2	0	0	0.00	3.45	0
CO10060	CO10059	5.35	0 1- 750 MCM - 42 Wi	0	0	0	625	158	0	0	0	0.00	3.45	0
CO10054	CO10060	5.45	0 1- 750 MCM - 42 Wi	0	0	0	620	158	0	0	0	0.00	3.45	0
CO10031	CO9956	5.38	1 1-	2ACSR	0	0	617	157	2	0	0	0.00	3.45	0
CO10121	CO10031	5.39	1 1-	2ACSR	0	0	615	157	2	0	0	0.00	3.45	0
CO10122	CO10121	5.46	1 1-	2ACSR	0	0	608	156	2	0	0	0.00	3.45	0
CO10032	CO10122	5.55	1 1-	2ACSR	0	0	600	156	2	0	0	0.00	3.45	0
CO10033	CO10032	5.66	1 1-	2ACSR	0	0	589	155	2	0	0	0.00	3.45	0
CO10139	CO10033	5.67	0 1-	2ACSR	0	0	588	155	0	0	0	0.00	3.45	0
CO10026	CO10115	5.21	4 1-	2ACSR	0	0	634	158	6	0	0	0.00	3.45	0
CO10027	CO10026	5.29	4 1-	2ACSR	0	0	626	158	6	0	0	0.00	3.45	0
CO10109	CO10027	5.45	2 1-	2ACSR	0	0	609	157	0	0	0	0.00	3.45	0
CO10123	CO10109	5.58	1 1-	2ACSR	0	0	597	156	0	0	0	0.00	3.45	0
CO10124	CO10123	5.59	0 1-	2ACSR	0	0	596	156	0	0	0	0.00	3.45	0
CO10028	CO10124	5.71	0 1-	2ACSR	0	0	585	155	0	0	0	0.00	3.45	0
CO10029	CO10028	5.90	0 1-	2ACSR	0	0	568	154	0	0	0	0.00	3.45	0
CO10030	CO10029	5.96	0 1-	2ACSR	0	0	562	153	0	0	0	0.00	3.45	0
CO9982	CO10027	5.38	2 1-	2ACSR	0	0	617	157	6	0	0	0.00	3.45	0
CO9984	CO9955	4.69	1 1-	4ACSR	0	0	693	162	6	0	1	0.00	3.38	0
CO9978	CO10107	4.49	1 1-	2ACSR	0	0	719	163	10	1	1	0.00	3.31	0
CO9990	CO10107	4.51	1 1-	2ACSR	0	0	716	163	6	0	0	0.00	3.31	0
CO9583	CO9613	4.31	4 1-	4ACSR	0	0	742	164	24	3	2	0.01	3.23	0
CO9584	CO9583	4.41	3 1-	4ACSR	0	0	726	163	16	2	2	0.01	3.24	0
CO30657	CO9584	4.45	2 1-	2ACSR	0	0	721	163	12	1	1	0.00	3.24	0
CO30658	CO30657	4.46	1 1-	2ACSR	0	0	719	163	12	1	1	0.00	3.24	0
CO9585	CO9584	4.47	0 1-	4ACSR	0	0	717	163	0	0	0	0.00	3.24	0
CO9471	CO9613	4.39	4 1-	2ACSR	0	0	732	164	38	5	3	0.02	3.25	0
CO1788908140	CO9471	4.47	1 1-	2ACSR	0	0	722	163	9	1	1	0.00	3.25	0
CO9472	CO9471	4.56	2 1-	2ACSR	0	0	710	163	17	2	1	0.01	3.26	0
CO17003	CO9472	4.75	2 1-	2ACSR	0	0	686	161	17	2	1	0.01	3.27	0
CO10108	CO17003	4.89	2 1-	2ACSR	0	0	669	160	17	2	1	0.01	3.28	0
CO10025	CO10108	4.97	2 1-	2ACSR	0	0	660	160	17	2	1	0.01	3.29	0
CO10128	CO10025	5.20	2 1-	1/0PRIURD	0	0	640	330	17	2	2	0.01	3.30	0
CO9422	CO9612	4.11	1 1-	2ACSR	0	0	771	166	0	0	0	0.00	2.98	0
CO9387	CO9683	3.99	1 1-	4ACSR	0	0	782	166	1	0	0	0.00	2.69	0
CO9415	CO9469	3.26	1 1-	2ACSR	0	0	911	172	4	0	0	0.00	2.09	0
CO9413	CO9344	3.02	1 1- 750 MCM - 42 Wi	0	0	0	966	175	3	0	0	0.00	1.74	0
CO9405	CO9619	2.90	2 1-	4ACSR	0	0	980	175	8	1	1	0.00	1.66	0
CO9386	CO9619	2.99	1 1-	2ACSR	0	0	962	174	11	1	1	0.00	1.66	0
CO9625+	CO9652	2.47	3 1- 336 MCM ACSR 30	0	0	0	1788	342	26	1	0	0.00	0.40	0
OC-248744741+	CO9625	2.47	0 1- 20 N FUSE	0	0	0	1788	342	0	0	0	0.00	0.40	0
CO9626+	OC-248744741	2.51	0 1- 336 MCM ACSR 30	0	0	0	1779	342	0	0	0	0.00	0.40	0
CO9473+	CO9340	1.73	139 3-	1/0ACSR	2020	2016	1979	345	903	21	9	0.00	0.34	6
OC-1933942560+	CO9473	1.73	137 3-	20 N FUSE	2020	2016	1979	345	884	20	104	0.00	0.34	0
CO9639+	OC-1933942560	1.78	137 3-	1/0ACSR	2005	1997	1958	345	884	20	9	0.01	0.35	13
CO9640+	CO9639	1.84	135 3-	1/0ACSR	1988	1976	1935	344	869	20	9	0.01	0.37	14
CO9638+	CO9640	1.89	133 3-	1/0ACSR	1975	1958	1915	343	854	20	9	0.01	0.38	12
CO9347+	CO9638	1.94	8 3-	1/0ACSR	1962	1942	1897	343	43	1	0	0.00	0.38	0
CO9672+	CO9347	1.94	4 1-	4ACSR	0	0	1894	343	21	1	1	0.00	0.38	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC251+	CO9672	1.94	4 1-	10 N FUSE	0	0	1894	343	21	1	15	0.00	0.38	0
CO9673+	OC251	1.99	4 1-	4ACSR	0	0	1873	342	21	1	1	0.00	0.38	0
CO9635+	CO9673	2.02	3 1-	4ACSR	0	0	1859	341	17	1	1	0.00	0.38	0
CO9474+	CO9635	2.13	2 1-	4ACSR	0	0	1811	339	13	0	1	0.00	0.38	0
CO9389+	CO9474	2.23	2 1-	4ACSR	0	0	1763	337	13	0	1	0.00	0.38	0
CO-1653979703+	CO9389	2.28	1 1-	2ACSR	0	0	1745	336	8	0	0	0.00	0.38	0
CO9388+	CO9474	2.23	0 1-	4ACSR	0	0	1763	337	0	0	0	0.00	0.38	0
CO9636+	CO9347	1.97	3 1-	4ACSR	0	0	1881	342	13	0	1	0.00	0.38	0
CO9637+	CO9636	2.04	2 1-	4ACSR	0	0	1848	341	10	0	0	0.00	0.38	0
CO9475+	CO9638	1.99	123 3-	1/0ACSR	1949	1926	1880	342	794	18	8	0.02	0.39	19
CO9476+	CO9475	2.06	123 3-	1/0ACSR	1931	1903	1854	342	794	18	8	0.01	0.40	14
CO9477+	CO9476	2.10	122 3-	1/0ACSR	1919	1889	1838	341	789	18	8	0.01	0.41	9
CO9392+	CO9477	2.14	1 1-	4ACSR	0	0	1822	340	3	0	0	0.00	0.41	0
OC-439135159+	CO9392	2.14	0 1-	20 N FUSE	0	0	1822	340	0	0	0	0.00	0.41	0
CO9479+	CO9477	2.15	121 3-	1/0ACSR	1906	1874	1821	341	786	18	8	0.01	0.42	9
CO9480+	CO9479	2.20	120 3-	1/0ACSR	1894	1859	1804	340	782	18	8	0.01	0.43	10
CO9656+	CO9480	2.27	118 3-	1/0ACSR	1878	1839	1782	339	760	17	8	0.01	0.44	12
CO9657+	CO9656	2.37	116 3-	1/0ACSR	1853	1810	1749	338	742	17	8	0.02	0.46	18
CO9348+	CO9657	2.43	111 3-	1/0ACSR	1838	1794	1730	338	701	16	7	0.01	0.47	9
CO9349+	CO9348	2.49	109 3-	1/0ACSR	1822	1775	1709	337	682	16	7	0.01	0.48	10
CO9411+	CO9349	2.61	1 1-	4ACSR	0	0	1662	335	6	0	0	0.00	0.48	0
OC-310502763+	CO9411	2.61	0 1-	20 N FUSE	0	0	1662	335	0	0	0	0.00	0.48	0
CO9361+	CO9349	2.54	108 3-	1/0ACSR	1810	1761	1694	337	676	15	7	0.01	0.48	7
CO9390+	CO9361	2.61	1 1-	4ACSR	0	0	1666	335	13	0	1	0.00	0.48	0
OC194305453+	CO9390	2.61	0 1-	20 N FUSE	0	0	1666	335	0	0	0	0.00	0.48	0
CO9666+	CO9361	2.58	107 3-	1/0ACSR	1802	1752	1683	336	663	15	7	0.01	0.49	5
CO9667+	CO9666	2.62	106 3-	1/0ACSR	1794	1742	1672	336	652	15	7	0.01	0.49	5
CO9350+	CO9667	2.69	103 3-	1/0ACSR	1776	1722	1649	335	632	14	6	0.01	0.50	10
CO9360+	CO9350	2.71	102 3-	1/0ACSR	1772	1718	1644	335	623	14	6	0.00	0.51	0
CO9565+	CO9360	2.80	3 1-	4ACSR	0	0	1609	333	41	2	2	0.00	0.51	0
OC1319153922+	CO9565	2.80	1 1-	20 N FUSE	0	0	1609	333	16	1	6	0.00	0.51	0
CO9566+	OC1319153922	2.84	1 1-	4ACSR	0	0	1596	332	16	1	1	0.00	0.51	0
CO9567+	CO9566	2.88	1 1-	4ACSR	0	0	1583	331	16	1	1	0.00	0.51	0
CO9351+	CO9360	2.79	98 3-	1/0ACSR	1753	1697	1621	334	578	13	6	0.01	0.52	9
CO9481+	CO9351	2.88	96 3-	1/0ACSR	1735	1677	1598	333	565	13	6	0.01	0.53	8
CO9482+	CO9481	2.93	95 3-	1/0ACSR	1723	1664	1583	333	558	13	6	0.01	0.53	5
CO9417+	CO9482	2.97	0 1-	2ACSR	0	0	1570	332	0	0	0	0.00	0.53	0
OC-995633035+	CO9417	2.97	0 1-	20 N FUSE	0	0	1570	332	0	0	0	0.00	0.53	0
CO9483+	CO9482	2.96	94 3-	1/0ACSR	1716	1657	1575	332	549	12	6	0.00	0.54	3
CO9668+	CO9483	2.97	94 3-	1/0ACSR	1715	1655	1573	332	549	12	6	0.00	0.54	0
AU13	CO9668	2.97	94 3-	333 KVA 1PH AUT	1002	994	977	174	549	12	56	0.75	1.29	0
CO9669	AU13	3.02	94 3-	1/0ACSR	996	987	968	174	549	25	11	0.02	1.32	20
CO9520	CO9669	3.08	94 3-	1/0ACSR	989	978	957	174	549	25	11	0.03	1.35	23
CO9519	CO9520	3.14	94 3-	1/0ACSR	981	970	946	174	549	25	11	0.03	1.38	23
OC943	CO9519	3.14	94 3-	70 L OCR	981	970	946	174	549	25	37	0.00	1.38	0
CO9518	OC943	3.23	94 3-	1/0ACSR	969	957	930	173	549	25	11	0.05	1.42	37
CO9354	CO9518	3.28	64 1-	4ACSR	0	0	920	173	400	56	41	0.12	1.55	80
CO9355	CO9354	3.37	59 1-	4ACSR	0	0	901	171	365	51	37	0.23	1.78	136
CO9577	CO9355	3.45	2 1-	4ACSR	0	0	884	171	22	3	2	0.01	1.79	0
CO9578	CO9577	3.50	2 1-	4ACSR	0	0	874	170	22	3	2	0.01	1.79	0
CO9576	CO9578	3.55	1 1-	4ACSR	0	0	865	170	12	1	1	0.00	1.80	0
CO9396	CO9355	3.45	2 1-	4ACSR	0	0	884	171	14	2	1	0.00	1.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9356	CO9355	3.44	55 1-	4ACSR	0	0	886	171	328	46	33	0.16	1.93	83
CO9398	CO9356	3.51	3 1-	4ACSR	0	0	874	170	22	3	2	0.01	1.94	0
CO-1189514977	CO9398	3.58	1 1-	2ACSR	0	0	861	169	7	0	1	0.00	1.94	0
CO-2051531890	CO-1189514977	3.69	1 1-	2ACSR	0	0	842	169	7	0	1	0.00	1.94	0
CO9397	CO9356	3.52	2 1-	4ACSR	0	0	872	170	1	0	0	0.00	1.93	0
CO9690	CO9356	3.51	50 1-	4ACSR	0	0	872	170	304	43	31	0.14	2.07	68
CO9691	CO9690	3.53	49 1-	4ACSR	0	0	869	170	291	41	30	0.03	2.10	14
CO9399	CO9691	3.60	1 1-	4ACSR	0	0	855	169	3	0	0	0.00	2.10	0
CO9629	CO9691	3.57	47 1-	4ACSR	0	0	861	169	288	41	29	0.07	2.18	35
CO9630	CO9629	3.60	46 1-	4ACSR	0	0	854	169	279	39	28	0.07	2.24	31
CO169577010	CO9630	3.63	45 1-	2ACSR	0	0	849	169	275	39	22	0.04	2.28	16
CO981820118	CO169577010	3.76	1 1-	2ACSR	0	0	827	168	21	2	2	0.01	2.29	0
CO846758161	CO169577010	3.66	44 1-	2ACSR	0	0	845	169	254	36	20	0.03	2.31	11
CO9632	CO846758161	3.73	44 1-	4ACSR	0	0	831	168	254	36	26	0.12	2.43	51
CO9400	CO9632	3.76	0 1-	4ACSR	0	0	824	167	0	0	0	0.00	2.43	0
CO9633	CO9632	3.81	44 1-	4ACSR	0	0	815	167	254	36	26	0.14	2.57	57
CO9634	CO9633	3.87	43 1-	4ACSR	0	0	804	166	247	35	25	0.10	2.67	39
CO9408	CO9634	3.91	1 1-	4ACSR	0	0	797	166	0	0	0	0.00	2.67	0
CO9507	CO9634	3.94	42 1-	4ACSR	0	0	791	166	247	35	25	0.12	2.79	47
CO9508	CO9507	4.00	41 1-	4ACSR	0	0	780	165	237	33	24	0.09	2.88	36
CO9359	CO9508	4.03	9 1-	4ACSR	0	0	774	165	52	7	5	0.01	2.89	0
CO9409	CO9359	4.10	1 1-	4ACSR	0	0	763	164	12	1	1	0.00	2.90	0
CO9509	CO9359	4.06	5 1-	4ACSR	0	0	770	164	23	3	2	0.00	2.90	0
CO9510	CO9509	4.11	5 1-	4ACSR	0	0	761	164	23	3	2	0.01	2.90	0
CO9511	CO9510	4.15	5 1-	4ACSR	0	0	753	163	23	3	2	0.01	2.91	0
CO9512	CO9511	4.20	5 1-	4ACSR	0	0	745	163	23	3	2	0.01	2.92	0
CO9513	CO9512	4.28	4 1-	4ACSR	0	0	733	162	22	3	2	0.01	2.93	0
CO626319758	CO9513	4.32	0 1-	2ACSR	0	0	726	162	0	0	0	0.00	2.93	0
CO9514	CO9513	4.46	1 1-	4ACSR	0	0	703	160	3	0	0	0.00	2.93	0
CO9515	CO9514	4.62	1 1-	4ACSR	0	0	678	159	3	0	0	0.00	2.93	0
CO9494	CO9508	4.05	32 1-	4ACSR	0	0	772	164	185	26	19	0.06	2.94	18
CO9495	CO9494	4.11	32 1-	4ACSR	0	0	761	164	184	26	19	0.07	3.01	20
CO9357	CO9495	4.20	28 1-	4ACSR	0	0	745	163	163	23	17	0.10	3.12	28
CO9499	CO9357	4.24	28 1-	4ACSR	0	0	739	163	163	23	17	0.04	3.16	10
CO9500	CO9499	4.28	28 1-	4ACSR	0	0	731	162	163	23	17	0.05	3.20	12
OC281410771	CO9500	4.28	26 1-	20 N FUSE	0	0	731	162	149	21	107	0.00	3.20	0
CO9498	OC281410771	4.43	26 1-	4ACSR	0	0	708	161	149	21	15	0.14	3.35	35
CO9497	CO9498	4.46	25 1-	4ACSR	0	0	702	160	145	20	15	0.03	3.38	8
CO9496	CO9497	4.49	24 1-	4ACSR	0	0	699	160	134	19	14	0.02	3.40	4
CO17288	CO9496	4.65	22 1-	4ACSR	0	0	674	158	120	17	12	0.13	3.54	27
CO2274	CO17288	4.69	22 1-	4ACSR	0	0	668	158	120	17	12	0.03	3.57	6
CO2273	CO2274	4.75	20 1-	4ACSR	0	0	660	158	105	15	11	0.04	3.61	7
CO2272	CO2273	4.81	19 1-	4ACSR	0	0	651	157	105	15	11	0.04	3.65	7
CO2145	CO2272	4.87	7 1-	4ACSR	0	0	643	156	34	4	4	0.01	3.66	0
CO2144	CO2145	4.95	7 1-	4ACSR	0	0	632	156	34	4	4	0.02	3.68	0
CO2253	CO2144	4.98	3 1-	4ACSR	0	0	628	155	20	2	2	0.00	3.68	0
CO2252	CO2253	5.01	3 1-	4ACSR	0	0	623	155	20	2	2	0.00	3.69	0
CO2251	CO2252	5.04	2 1-	4ACSR	0	0	619	155	13	1	1	0.00	3.69	0
CO2250	CO2251	5.09	2 1-	4ACSR	0	0	614	154	13	1	1	0.00	3.69	0
CO2249	CO2250	5.16	1 1-	4ACSR	0	0	605	154	7	1	1	0.00	3.70	0
CO2248	CO2249	5.22	1 1-	4ACSR	0	0	598	153	7	1	1	0.00	3.70	0
CO2055	CO2144	5.12	3 1-	4ACSR	0	0	610	154	10	1	1	0.01	3.69	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2100	CO2055	5.31	0 1-	4ACSR	0	0	587	152	0	0	0	0.00	3.69	0
CO2222	CO2055	5.16	3 1-	4ACSR	0	0	604	154	10	1	1	0.00	3.70	0
CO2277	CO2222	5.23	3 1-	4ACSR	0	0	596	153	10	1	1	0.00	3.70	0
CO2278	CO2277	5.35	2 1-	4ACSR	0	0	581	152	10	1	1	0.00	3.71	0
CO2275	CO2272	4.93	10 1-	4ACSR	0	0	634	156	69	9	7	0.06	3.71	6
CO2276	CO2275	4.97	8 1-	4ACSR	0	0	629	155	61	8	6	0.02	3.72	0
CO2056	CO2276	5.00	4 1-	4ACSR	0	0	625	155	30	4	3	0.00	3.73	0
CO2229	CO2056	5.06	4 1-	4ACSR	0	0	617	155	30	4	3	0.01	3.74	0
CO2228	CO2229	5.10	4 1-	4ACSR	0	0	612	154	30	4	3	0.01	3.75	0
CO2227	CO2228	5.13	2 1-	4ACSR	0	0	609	154	14	1	1	0.00	3.75	0
CO2226	CO2227	5.17	2 1-	4ACSR	0	0	604	154	14	1	1	0.00	3.75	0
CO2105	CO2226	5.20	1 1-	4ACSR	0	0	600	153	11	1	1	0.00	3.75	0
CO2225	CO2226	5.20	1 1-	4ACSR	0	0	599	153	3	0	0	0.00	3.75	0
CO2101	CO2276	5.05	1 1-	4ACSR	0	0	619	155	2	0	0	0.00	3.72	0
CO2224	CO2276	5.06	2 1-	4ACSR	0	0	618	155	15	2	2	0.01	3.73	0
CO2223	CO2224	5.09	1 1-	4ACSR	0	0	613	154	15	2	2	0.00	3.73	0
CO2271	CO2275	5.01	2 1-	1/0PRIURD	0	0	628	318	8	1	1	0.00	3.71	0
CO9581	CO9357	4.24	0 1-	4ACSR	0	0	739	163	0	0	0	0.00	3.12	0
CO9582	CO9581	4.27	0 1-	4ACSR	0	0	733	162	0	0	0	0.00	3.12	0
CO9579	CO9495	4.13	1 1-	4ACSR	0	0	757	164	4	0	0	0.00	3.01	0
CO9580	CO9579	4.19	1 1-	4ACSR	0	0	747	163	4	0	0	0.00	3.01	0
CO9425	CO9690	3.55	1 1-	1/0PRIURD	0	0	868	389	13	1	1	0.00	2.07	0
CO9575	CO9354	3.35	4 1-	4ACSR	0	0	905	172	26	3	3	0.01	1.56	0
CO9407	CO9575	3.41	2 1-	4ACSR	0	0	894	171	20	2	2	0.00	1.56	0
CO9574	CO9575	3.42	1 1-	4ACSR	0	0	891	171	2	0	0	0.00	1.56	0
CO9658	CO9518	3.27	30 3-	1/0ACSR	965	952	923	173	149	7	3	0.01	1.43	0
CO9659	CO9658	3.29	28 3-	1/0ACSR	962	949	920	173	143	6	3	0.00	1.43	0
CO9660	CO9659	3.37	28 3-	1/0ACSR	952	938	906	172	143	6	3	0.01	1.44	0
CO9485	CO9660	3.48	28 1-	6ACWC	0	0	885	171	143	20	14	0.10	1.54	24
OC-1250030767	CO9485	3.48	28 1-	20 N FUSE	0	0	885	171	143	20	101	0.00	1.54	0
CO9486	OC-1250030767	3.59	28 1-	6ACWC	0	0	864	170	143	20	14	0.10	1.64	23
CO9484	CO9486	3.73	27 1-	6ACWC	0	0	837	168	141	20	14	0.13	1.77	28
CO9568	CO9484	3.79	1 1-	6ACWC	0	0	825	168	19	2	2	0.01	1.78	0
CO9569	CO9568	3.91	1 1-	6ACWC	0	0	804	167	19	2	2	0.01	1.78	0
CO9487	CO9484	3.80	25 1-	6ACWC	0	0	824	168	112	15	11	0.05	1.82	9
CO9488	CO9487	3.85	24 1-	6ACWC	0	0	814	167	112	15	11	0.03	1.85	6
CO9489	CO9488	3.87	22 1-	6ACWC	0	0	810	167	98	14	10	0.01	1.87	2
CO9423	CO9489	3.91	1 1-	2ACSR	0	0	803	167	8	1	1	0.00	1.87	0
CO9490	CO9489	3.92	21 1-	6ACWC	0	0	801	166	90	12	9	0.03	1.90	4
CO9492	CO9490	4.05	18 1-	6ACWC	0	0	777	165	68	9	7	0.06	1.95	6
CO9493	CO9492	4.06	16 1-	6ACWC	0	0	776	165	63	8	6	0.00	1.96	0
CO9491	CO9493	4.13	16 1-	6ACWC	0	0	764	164	63	8	6	0.03	1.99	3
CO9352	CO9491	4.21	14 1-	6ACWC	0	0	749	163	56	7	6	0.03	2.02	3
OC-1610115838	CO9352	4.21	14 1-	20 N FUSE	0	0	749	163	56	7	40	0.00	2.02	0
CO17007	OC-1610115838	4.27	1 1-	6ACWC	0	0	740	163	3	0	0	0.00	2.02	0
CO9353	OC-1610115838	4.26	13 1-	6ACWC	0	0	742	163	52	7	5	0.02	2.03	0
CO9661	CO9353	4.49	12 1-	6ACWC	0	0	705	161	52	7	5	0.08	2.11	7
CO17005	CO9661	4.71	12 1-	6ACWC	0	0	671	159	52	7	5	0.08	2.19	6
CO10118	CO17005	4.78	12 1-	6ACWC	0	0	662	158	52	7	5	0.02	2.21	0
CO17287	CO10118	4.93	11 1-	6ACWC	0	0	642	157	52	7	5	0.05	2.26	4
CO2356	CO17287	5.02	10 1-	6ACWC	0	0	629	156	50	7	5	0.03	2.29	2
CO2221	CO2356	5.09	4 1-	6ACWC	0	0	620	155	28	3	3	0.01	2.30	0

Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2220	CO2221	5.12	1 1-	6ACWC	0	0	616	155	0	0	0	0.00	2.30	0
CO2219	CO2220	5.16	1 1-	6ACWC	0	0	612	154	0	0	0	0.00	2.30	0
CO2099	CO2356	5.10	4 1-	6ACWC	0	0	619	155	20	2	2	0.01	2.30	0
CO2098	CO2356	5.14	2 1-	6ACWC	0	0	614	155	2	0	0	0.00	2.29	0
CO2097	CO2356	5.16	0 1-	6ACWC	0	0	611	154	0	0	0	0.00	2.29	0
CO17286	CO10118	4.95	0 1-	6ACWC	0	0	639	156	0	0	0	0.00	2.21	0
CO2873	CO17286	5.17	0 1-	6ACWC	0	0	610	154	0	0	0	0.00	2.21	0
CO2897	CO2873	5.27	0 1-	6ACWC	0	0	598	153	0	0	0	0.00	2.21	0
CO2874	CO2873	5.18	0 1-	6ACWC	0	0	608	154	0	0	0	0.00	2.21	0
CO2991	CO2874	5.19	0 1-	6ACWC	0	0	607	154	0	0	0	0.00	2.21	0
CO2898	CO17286	5.02	0 1-	6ACWC	0	0	629	156	0	0	0	0.00	2.21	0
CO9395	CO9353	4.31	1 1-	6ACWC	0	0	734	162	0	0	0	0.00	2.03	0
CO9627	CO9491	4.17	1 1-	6ACWC	0	0	757	164	7	0	1	0.00	1.99	0
CO9628	CO9627	4.19	1 1-	6ACWC	0	0	753	164	7	0	1	0.00	1.99	0
CO9570	CO9490	3.99	3 1-	6ACWC	0	0	788	166	23	3	2	0.01	1.91	0
CO9571	CO9570	4.04	1 1-	6ACWC	0	0	780	165	11	1	1	0.00	1.91	0
CO9572	CO9571	4.05	1 1-	6ACWC	0	0	777	165	11	1	1	0.00	1.91	0
CO9573	CO9572	4.10	1 1-	6ACWC	0	0	770	165	11	1	1	0.00	1.91	0
CO9689	CO9660	3.38	0 1-	2ACSR	0	0	905	172	0	0	0	0.00	1.44	0
SW261-A	CO9689	3.38	0 1-	Open	0	0	905	172	0	0	0	0.00	1.44	0
CO9391+	CO9351	2.84	2 1-	4ACSR	0	0	1603	333	13	0	1	0.00	0.52	0
OC-1918425349+	CO9391	2.84	0 1-	20 N FUSE	0	0	1603	333	0	0	0	0.00	0.52	0
CO9420+	CO9360	2.76	1 1-	2ACSR	0	0	1627	334	4	0	0	0.00	0.51	0
OC358834281+	CO9420	2.76	0 1-	20 N FUSE	0	0	1627	334	0	0	0	0.00	0.51	0
CO9410+	CO9350	2.75	1 1-	4ACSR	0	0	1627	334	9	0	0	0.00	0.50	0
OC554085172+	CO9410	2.75	0 1-	20 N FUSE	0	0	1627	334	0	0	0	0.00	0.50	0
CO9563+	CO9667	2.66	3 1-	4ACSR	0	0	1654	335	20	1	1	0.00	0.49	0
OC1717706503+	CO9563	2.66	2 1-	20 N FUSE	0	0	1654	335	13	0	4	0.00	0.49	0
CO9564+	OC1717706503	2.70	2 1-	4ACSR	0	0	1640	334	13	0	1	0.00	0.50	0
CO-191479176+	CO9564	2.75	1 1-	2ACSR	0	0	1624	333	9	0	0	0.00	0.50	0
CO9416+	CO9348	2.49	1 1-	2ACSR	0	0	1708	337	5	0	0	0.00	0.47	0
OC474324562+	CO9416	2.49	0 1-	20 N FUSE	0	0	1708	337	0	0	0	0.00	0.47	0
CO9558+	CO9348	2.52	1 1-	4ACSR	0	0	1692	336	14	0	1	0.00	0.47	0
OC1540572953+	CO9558	2.52	1 1-	20 N FUSE	0	0	1692	336	14	0	5	0.00	0.47	0
CO9559+	OC1540572953	2.59	1 1-	4ACSR	0	0	1664	334	14	0	1	0.00	0.47	0
CO9590+	CO9657	2.42	2 1-	2ACSR	0	0	1729	338	17	1	1	0.00	0.46	0
OC-1631789613+	CO9590	2.42	2 1-	20 N FUSE	0	0	1729	338	17	1	6	0.00	0.46	0
CO9591+	OC-1631789613	2.50	2 1-	2ACSR	0	0	1702	336	17	1	1	0.00	0.46	0
CO9592+	CO9591	2.53	1 1-	2ACSR	0	0	1692	336	8	0	0	0.00	0.46	0
CO9593+	CO9592	2.62	1 1-	2ACSR	0	0	1661	335	8	0	0	0.00	0.46	0
CO9556+	CO9657	2.39	2 1-	4ACSR	0	0	1738	338	21	1	1	0.00	0.46	0
OC-1554676412+	CO9556	2.39	1 1-	20 N FUSE	0	0	1738	338	17	1	6	0.00	0.46	0
CO9557+	OC-1554676412	2.47	1 1-	4ACSR	0	0	1709	336	17	1	1	0.00	0.46	0
CO9561+	CO9480	2.27	2 1-	4ACSR	0	0	1774	339	22	1	1	0.00	0.43	0
OC775776744+	CO9561	2.27	1 1-	20 N FUSE	0	0	1774	339	11	0	4	0.00	0.43	0
CO9562+	OC775776744	2.35	1 1-	4ACSR	0	0	1738	337	11	0	1	0.00	0.43	0
CO9560+	CO9562	2.41	1 1-	4ACSR	0	0	1717	336	11	0	1	0.00	0.43	0
CO9419+	CO9458	1.30	1 1-	2ACSR	0	0	2107	347	9	0	0	0.00	0.25	0
OC-415934022+	CO9419	1.30	0 1-	20 N FUSE	0	0	2107	347	0	0	0	0.00	0.25	0
CO8818+	CO8850	1.08	1 1-	336 MCM ACSR 30	0	0	2187	348	3	0	0	0.00	0.21	0
OC-1288478254+	CO8818	1.08	0 1-	20 N FUSE	0	0	2187	348	0	0	0	0.00	0.21	0
CO9123+	CO9120	0.01	513 3-	750 MCM - 42 Wi	2421	2623	2635	353	2902	65	6	0.00	0.00	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
Polksville+	CO9123	0.01	513 3-	560 200WVE	2421	2623	2635	353	2902	65	12	0.00	0.00	0
CO9116+	Polksville	0.03	513 3-	336ACSR	2415	2612	2624	353	2902	65	13	0.00	0.01	16
CO9117+	CO9116	0.13	513 3-	336ACSR	2390	2567	2579	352	2902	65	13	0.02	0.03	70
CO9052+	CO9117	0.16	511 3-	336ACSR	2380	2551	2562	352	2899	65	13	0.01	0.04	27
CO9053+	CO9052	0.20	509 3-	336ACSR	2370	2532	2543	352	2890	64	13	0.01	0.04	30
CO9050+	CO9053	0.24	509 3-	336ACSR	2358	2513	2523	352	2890	64	13	0.01	0.05	32
CO9048+	CO9050	0.29	507 3-	336ACSR	2347	2495	2504	352	2875	64	12	0.01	0.06	31
CO9046+	CO9048	0.32	507 3-	336ACSR	2340	2482	2491	352	2875	64	12	0.01	0.07	22
CO8782+	CO9046	0.41	2 1-	4ACSR	0	0	2422	349	11	0	1	0.00	0.07	0
OC1450816921+	CO8782	0.41	0 1-	20 N FUSE	0	0	2422	349	0	0	0	0.00	0.07	0
CO8781+	CO9046	0.37	2 1-	4ACSR	0	0	2450	350	15	0	1	0.00	0.07	0
OC-1950365464+	CO8781	0.37	0 1-	20 N FUSE	0	0	2450	350	0	0	0	0.00	0.07	0
CO9043+	CO9046	0.35	503 3-	336ACSR	2331	2467	2475	351	2849	64	12	0.01	0.08	25
CO9044+	CO9043	0.39	501 3-	336ACSR	2320	2449	2456	351	2846	64	12	0.01	0.09	31
CO9041+	CO9044	0.45	500 3-	336ACSR	2306	2427	2432	351	2842	63	12	0.01	0.10	40
CO9039+	CO9041	0.51	497 3-	336ACSR	2289	2400	2404	351	2834	63	12	0.01	0.11	48
CO9037+	CO9039	0.64	495 3-	336ACSR	2258	2351	2352	350	2814	63	12	0.03	0.14	90
CO8750+	CO9037	0.75	9 1-	4ACSR	0	0	2278	348	50	3	2	0.01	0.15	0
OC2144441254+	CO8750	0.75	9 1-	20 N FUSE	0	0	2278	348	50	3	17	0.00	0.15	0
CO8749+	OC2144441254	0.85	7 1-	4ACSR	0	0	2216	345	38	2	2	0.01	0.15	0
CO8848+	CO8749	0.94	0 1-	4ACSR	0	0	2156	343	0	0	0	0.00	0.15	0
CO8984+	CO8749	0.92	7 1-	4ACSR	0	0	2171	344	38	2	2	0.00	0.15	0
CO804691951+	CO8984	0.99	6 1-	2ACSR	0	0	2130	343	31	2	1	0.00	0.16	0
CO1962217927+	CO804691951	1.11	1 1-	2ACSR	0	0	2070	341	14	0	1	0.00	0.16	0
CO1166614183+	CO804691951	1.27	5 1-	2ACSR	0	0	1987	339	18	1	1	0.01	0.16	0
CO9426+	CO1166614183	1.47	2 1-	4ACSR	0	0	1878	334	4	0	0	0.00	0.16	0
CO9427+	CO9426	1.57	1 1-	4ACSR	0	0	1828	332	2	0	0	0.00	0.16	0
SW881020651-B+	CO9427	1.57	0 1-	Closed	0	0	1828	332	0	0	0	0.00	0.16	0
SW881020651-A+	SW881020651-B	1.57	0 1-	Closed	0	0	1828	332	0	0	0	0.00	0.16	0
CO9523+	SW881020651-A	1.66	0 1-	4ACSR	0	0	1780	330	0	0	0	0.00	0.16	0
CO9524+	CO9523	1.87	0 1-	4ACSR	0	0	1683	326	0	0	0	0.00	0.16	0
CO9525+	CO9524	1.96	0 1-	4ACSR	0	0	1640	324	0	0	0	0.00	0.16	0
CO9366+	SW881020651-A	1.72	0 1-	4ACSR	0	0	1753	329	0	0	0	0.00	0.16	0
CO9365+	CO1166614183	1.37	3 1-	4ACSR	0	0	1933	337	14	0	1	0.00	0.16	0
CO8982+	OC2144441254	0.83	2 1-	4ACSR	0	0	2229	346	13	0	1	0.00	0.15	0
CO8983+	CO8982	0.86	1 1-	4ACSR	0	0	2210	345	6	0	0	0.00	0.15	0
CO9032+	CO9037	0.77	485 3-	336ACSR	2226	2303	2299	350	2761	62	12	0.03	0.16	92
CO9033+	CO9032	0.81	483 3-	336ACSR	2217	2290	2285	349	2750	61	12	0.01	0.17	25
CO8852+	CO9033	0.90	483 3-	336ACSR	2197	2260	2252	349	2750	61	12	0.02	0.19	60
CO8853+	CO8852	0.94	482 3-	336ACSR	2187	2245	2236	349	2745	61	12	0.01	0.20	31
CO8854+	CO8853	0.97	482 3-	336ACSR	2182	2237	2228	349	2745	61	12	0.00	0.20	15
CO8751+	CO8854	1.05	481 3-	336ACSR	2164	2211	2199	348	2739	61	12	0.02	0.22	55
CO9086+	CO8751	1.06	478 3-	336ACSR	2160	2207	2193	348	2727	61	12	0.00	0.22	10
CO9087+	CO9086	1.13	476 3-	336ACSR	2145	2185	2170	348	2718	61	12	0.01	0.24	45
CO8819+	CO9087	1.17	1 1-	4ACSR	0	0	2146	347	0	0	0	0.00	0.24	0
OC532650815+	CO8819	1.17	0 1-	20 N FUSE	0	0	2146	347	0	0	0	0.00	0.24	0
CO8795+	CO9087	1.16	3 1-	4ACSR	0	0	2154	347	14	0	1	0.00	0.24	0
OC-1083453530+	CO8795	1.16	0 1-	20 N FUSE	0	0	2154	347	0	0	0	0.00	0.24	0
CO8856+	CO9087	1.22	421 3-	336ACSR	2125	2157	2139	348	2357	53	10	0.02	0.25	46
CO8857+	CO8856	1.30	421 3-	336ACSR	2109	2135	2113	347	2357	53	10	0.01	0.27	38
CO8858+	CO8857	1.51	419 3-	336ACSR	2064	2074	2044	346	2354	53	10	0.04	0.31	109

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8796+	CO8858	1.55	4 1-	4ACSR	0	0	2025	345	17	1	1	0.00	0.31	0
OC412606898+	CO8796	1.55	0 1-	20 N FUSE	0	0	2025	345	0	0	0	0.00	0.31	0
CO8859+	CO8858	1.58	415 3-	336ACSR	2051	2057	2026	346	2336	52	10	0.01	0.32	30
CO8860+	CO8859	1.68	415 3-	336ACSR	2030	2029	1993	345	2336	52	10	0.02	0.34	54
CO8861+	CO8860	1.84	415 3-	336ACSR	2000	1991	1950	345	2336	52	10	0.03	0.36	75
CO8799+	CO8861	1.87	1 1-	4ACSR	0	0	1932	344	5	0	0	0.00	0.36	0
OC-480226580+	CO8799	1.87	0 1-	20 N FUSE	0	0	1932	344	0	0	0	0.00	0.36	0
CO8862+	CO8861	1.89	414 3-	336ACSR	1989	1977	1934	345	2331	52	10	0.01	0.37	28
CO8863+	CO8862	1.93	414 3-	336ACSR	1982	1968	1924	344	2331	52	10	0.01	0.38	19
CO8752+	CO8863	1.99	413 3-	336ACSR	1971	1955	1908	344	2328	52	10	0.01	0.39	28
CO8797+	CO8752	2.06	2 1-	4ACSR	0	0	1874	342	4	0	0	0.00	0.39	0
OC-1668668693+	CO8797	2.06	1 1-	20 N FUSE	0	0	1874	342	1	0	0	0.00	0.39	0
CO-1970598202+	OC-1668668693	2.14	1 1-	4ACSR	0	0	1839	341	1	0	0	0.00	0.39	0
CO8864+	CO8752	2.04	411 3-	336ACSR	1961	1941	1893	344	2325	52	10	0.01	0.40	28
CO8865+	CO8864	2.06	411 3-	336ACSR	1958	1938	1889	344	2325	52	10	0.00	0.40	8
CO8866+	CO8865	2.11	410 3-	336ACSR	1949	1926	1876	344	2324	52	10	0.01	0.41	25
CO8867+	CO8866	2.27	410 3-	336ACSR	1920	1891	1835	343	2324	52	10	0.03	0.44	79
CO8802+	CO8867	2.33	1 1-	4ACSR	0	0	1811	342	4	0	0	0.00	0.44	0
OC1113130627+	CO8802	2.33	0 1-	20 N FUSE	0	0	1811	342	0	0	0	0.00	0.44	0
CO8868+	CO8867	2.46	409 3-	336ACSR	1887	1851	1789	342	2320	52	10	0.03	0.47	93
CO8869+	CO8868	2.49	409 3-	336ACSR	1882	1845	1782	342	2319	52	10	0.00	0.48	14
CO8753+	CO8869	2.57	408 3-	336ACSR	1868	1828	1763	341	2311	52	10	0.01	0.49	41
XFMR110	CO8753	2.57	408 3-	1000 KVA 1PH AU	1697	1675	1652	177	2311	52	75	0.74	1.24	0
CO8871	XFMR110	2.63	408 3-	336ACSR	1683	1659	1632	177	2311	104	20	0.03	1.27	100
CO8872	CO8871	2.64	406 3-	336ACSR	1680	1656	1628	177	2306	104	20	0.01	1.28	19
CO8870	CO8872	2.75	406 3-	336ACSR	1650	1623	1585	177	2306	104	20	0.08	1.35	220
CO8873	CO8870	2.81	405 3-	336ACSR	1636	1607	1565	177	2292	103	20	0.04	1.39	109
CO8874	CO8873	2.91	405 3-	336ACSR	1610	1578	1528	177	2291	103	20	0.07	1.46	201
CO8754	CO8874	2.93	402 3-	336ACSR	1605	1572	1522	177	2260	102	20	0.01	1.47	35
CO-689687084	CO8754	2.98	400 3-	2ACSR	1588	1553	1497	176	2249	101	57	0.13	1.60	469
CO-1926294976	CO-689687084	3.03	1 3-	2ACSR	1570	1533	1473	176	47	2	1	0.00	1.60	0
CO1458475556	CO-1926294976	3.08	1 3-	2ACSR	1554	1516	1452	176	47	2	1	0.00	1.60	0
CO1712257740	CO1458475556	3.15	1 3-	2ACSR	1528	1487	1417	175	47	2	1	0.00	1.61	0
CO-1894113081	CO1712257740	3.35	1 3-	2ACSR	1459	1410	1328	173	47	2	1	0.01	1.61	0
CO1966221496	CO-689687084	3.03	399 3-	2ACSR	1569	1532	1471	176	2199	99	55	0.14	1.74	491
CO8767	CO1966221496	3.08	312 3-	1/0ACSR	1553	1515	1451	176	1772	80	35	0.06	1.80	175
CO8768	CO8767	3.13	309 3-	1/0ACSR	1538	1498	1431	175	1759	79	35	0.06	1.87	173
CO8944	CO8768	3.16	3 1-	4ACSR	0	0	1415	175	18	2	2	0.00	1.87	0
OC189700805	CO8944	3.16	1 1-	20 N FUSE	0	0	1415	175	4	0	3	0.00	1.87	0
CO8945	OC189700805	3.20	1 1-	4ACSR	0	0	1397	175	4	0	0	0.00	1.87	0
CO8769	CO8768	3.21	306 3-	1/0ACSR	1513	1471	1398	175	1741	78	34	0.11	1.97	285
CO8770	CO8769	3.29	299 3-	1/0ACSR	1488	1444	1367	175	1651	74	33	0.10	2.07	252
CO9111	CO8770	3.30	38 1-	4ACSR	0	0	1364	174	243	33	24	0.01	2.08	4
OC232	CO9111	3.30	38 1-	10 N FUSE	0	0	1364	174	243	33	332	0.00	2.08	0
CO9112	OC232	3.37	38 1-	4ACSR	0	0	1330	174	243	33	24	0.10	2.19	41
CO8907	CO9112	3.43	36 1-	4ACSR	0	0	1301	173	241	32	24	0.09	2.28	36
CO8908	CO8907	3.48	35 1-	4ACSR	0	0	1277	172	241	32	24	0.07	2.35	28
CO8909	CO8908	3.57	33 1-	4ACSR	0	0	1237	171	227	30	22	0.12	2.47	45
CO8910	CO8909	3.62	31 1-	4ACSR	0	0	1213	171	222	30	22	0.07	2.54	25
CO8911	CO8910	3.72	29 1-	4ACSR	0	0	1171	170	211	28	21	0.13	2.67	43
CO17291	CO8911	3.86	28 1-	4ACSR	0	0	1114	168	206	28	20	0.18	2.85	59
CO1334	CO17291	3.99	27 1-	4ACSR	0	0	1067	167	196	26	19	0.15	2.99	47

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1335	CO1334	4.04	25 1-	4ACSR	0	0	1048	166	195	26	19	0.06	3.06	21
CO1333	CO1335	4.19	1 1-	2ACSR	0	0	1005	165	7	0	0	0.00	3.06	0
CO-1598447739	CO1333	4.47	0 1-	2ACSR	0	0	934	163	0	0	0	0.00	3.06	0
CO1336	CO1335	4.18	24 1-	4ACSR	0	0	1001	165	189	25	18	0.16	3.21	49
CO-1660777533	CO1336	4.25	1 1-	2ACSR	0	0	982	165	9	1	1	0.00	3.21	0
CO1337	CO1336	4.31	23 1-	4ACSR	0	0	958	164	179	24	18	0.14	3.36	41
OH364	CO1337	4.45	22 1-	4ACSR	0	0	918	162	164	22	16	0.13	3.49	36
CO1513	OH364	4.45	22 1-	4ACSR	0	0	917	162	164	22	16	0.00	3.50	0
CO1512	CO1513	4.49	22 1-	4ACSR	0	0	906	162	164	22	16	0.04	3.53	9
CO1425	CO1512	4.56	20 1-	4ACSR	0	0	886	161	145	20	14	0.06	3.59	14
CO1424	CO1425	4.65	19 1-	4ACSR	0	0	863	160	131	18	13	0.06	3.66	13
CO1423	CO1424	4.69	17 1-	4ACSR	0	0	851	160	113	15	11	0.03	3.69	6
CO1422	CO1423	4.76	16 1-	4ACSR	0	0	833	159	105	14	10	0.04	3.73	7
CO1421	CO1422	4.81	14 1-	4ACSR	0	0	821	159	84	11	8	0.02	3.75	3
CO1420	CO1421	4.86	14 1-	4ACSR	0	0	809	158	84	11	8	0.02	3.78	3
CO1419	CO1420	4.92	1 1-	4ACSR	0	0	796	158	12	1	1	0.00	3.78	0
CO1418	CO1420	4.90	12 1-	4ACSR	0	0	800	158	59	8	6	0.01	3.79	0
CO1417	CO1418	4.96	1 1-	4ACSR	0	0	788	158	4	0	0	0.00	3.79	0
CO1416	CO1418	4.98	11 1-	4ACSR	0	0	784	157	55	7	5	0.03	3.82	2
CO1415	CO1416	5.07	11 1-	4ACSR	0	0	763	156	55	7	5	0.03	3.85	3
CO1414	CO1415	5.09	10 1-	4ACSR	0	0	759	156	52	7	5	0.01	3.86	0
CO1410	CO1414	5.26	2 1-	4ACSR	0	0	725	155	13	1	1	0.01	3.86	0
CO1411	CO1410	5.36	1 1-	4ACSR	0	0	707	154	0	0	0	0.00	3.86	0
CO1409	CO1414	5.20	4 1-	4ACSR	0	0	736	155	11	1	1	0.01	3.86	0
CO1314	CO1409	5.25	1 1-	4ACSR	0	0	727	155	5	0	1	0.00	3.86	0
CO1412	CO1409	5.22	3 1-	4ACSR	0	0	733	155	5	0	1	0.00	3.86	0
CO1413	CO1412	5.28	2 1-	4ACSR	0	0	721	155	5	0	1	0.00	3.87	0
CO1408	CO1414	5.24	4 1-	4ACSR	0	0	728	155	28	3	3	0.03	3.88	0
CO1407	CO1408	5.35	4 1-	4ACSR	0	0	709	154	28	3	3	0.02	3.90	0
CO1406	CO1407	5.41	3 1-	4ACSR	0	0	698	153	27	3	3	0.01	3.91	0
CO1404	CO1406	5.48	2 1-	4ACSR	0	0	684	153	24	3	2	0.01	3.92	0
CO1405	CO1404	5.53	1 1-	4ACSR	0	0	676	152	12	1	1	0.00	3.92	0
CO1403	CO1406	5.47	0 1-	4ACSR	0	0	686	153	0	0	0	0.00	3.91	0
CO1402	CO1403	5.57	0 1-	4ACSR	0	0	669	152	0	0	0	0.00	3.91	0
CO8905	CO8770	3.40	258 3-	1/0ACSR	1456	1409	1326	174	1380	62	27	0.11	2.19	242
CO8906	CO8905	3.43	254 3-	1/0ACSR	1448	1400	1316	174	1372	62	27	0.03	2.22	66
CO8771	CO8906	3.49	247 3-	1/0ACSR	1430	1381	1294	173	1322	60	26	0.06	2.28	127
CO8817	CO8771	3.54	1 1-	4ACSR	0	0	1270	173	7	0	1	0.00	2.28	0
OC294658043	CO8817	3.54	0 1-	20 N FUSE	0	0	1270	173	0	0	0	0.00	2.28	0
CO8772	CO8771	3.56	245 3-	2ACSR	1407	1356	1266	173	1308	59	33	0.11	2.39	230
CO1294	CO8772	3.64	2 1-	4ACSR	0	0	1233	172	4	0	0	0.00	2.39	0
OC-1344970936	CO1294	3.64	0 1-	20 N FUSE	0	0	1233	172	0	0	0	0.00	2.39	0
CO1293	CO8772	3.57	1 1-	4ACSR	0	0	1259	173	6	0	1	0.00	2.39	0
CO1263	CO8772	3.61	241 3-	2ACSR	1391	1338	1246	173	1294	58	33	0.08	2.47	165
CO1262	CO1263	3.72	239 3-	2ACSR	1358	1302	1207	172	1287	58	33	0.16	2.63	342
CO1494	CO1262	3.73	18 1-	6ACWC	0	0	1204	172	156	21	15	0.01	2.64	0
OC47	CO1494	3.73	18 1-	10 N FUSE	0	0	1204	172	156	21	214	0.00	2.64	0
CO1495	OC47	3.76	18 1-	6ACWC	0	0	1191	171	156	21	15	0.03	2.66	7
CO1261	CO1495	3.83	13 1-	6ACWC	0	0	1161	171	125	17	12	0.05	2.72	11
CO1342	CO1261	3.87	1 1-	6ACWC	0	0	1146	170	10	1	1	0.00	2.72	0
CO1343	CO1342	3.92	1 1-	6ACWC	0	0	1128	170	10	1	1	0.00	2.72	0
CO1292	CO1261	3.90	2 1-	6ACWC	0	0	1136	170	10	1	1	0.00	2.72	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1260	CO1261	3.86	9 1-	6ACWC	0	0	1150	170	94	12	9	0.02	2.74	2
CO1259	CO1260	3.93	6 1-	6ACWC	0	0	1125	170	71	9	7	0.03	2.76	3
CO1352	CO1259	4.00	3 1-	6ACWC	0	0	1097	169	33	4	3	0.02	2.78	0
CO1353	CO1352	4.05	3 1-	6ACWC	0	0	1080	168	33	4	3	0.01	2.79	0
CO1354	CO1353	4.13	2 1-	6ACWC	0	0	1052	167	25	3	2	0.01	2.79	0
CO1349	CO1259	3.99	2 1-	6ACWC	0	0	1104	169	29	3	3	0.01	2.77	0
CO1350	CO1349	4.04	1 1-	6ACWC	0	0	1083	168	8	1	1	0.00	2.77	0
CO1351	CO1350	4.16	1 1-	6ACWC	0	0	1043	167	8	1	1	0.00	2.77	0
CO1344	CO1260	3.95	3 1-	6ACWC	0	0	1118	169	23	3	2	0.01	2.75	0
CO1345	CO1344	3.99	2 1-	6ACWC	0	0	1100	169	23	3	2	0.01	2.75	0
CO1346	CO1345	4.01	2 1-	6ACWC	0	0	1095	169	23	3	2	0.00	2.76	0
CO1347	CO1346	4.06	2 1-	6ACWC	0	0	1078	168	23	3	2	0.00	2.76	0
CO1348	CO1347	4.08	1 1-	6ACWC	0	0	1069	168	10	1	1	0.00	2.76	0
CO1340	CO1495	3.79	3 1-	6ACWC	0	0	1178	171	13	1	1	0.00	2.67	0
CO1341	CO1340	3.83	1 1-	6ACWC	0	0	1163	171	3	0	0	0.00	2.67	0
CO1355	CO1262	3.91	220 3-	2ACSR	1303	1242	1143	170	1125	51	29	0.24	2.87	440
CO1356	CO1355	3.98	219 3-	2ACSR	1282	1219	1119	170	1106	50	28	0.10	2.97	174
CO1266	CO1356	4.04	211 3-	2ACSR	1266	1202	1101	169	1055	48	27	0.07	3.04	121
CO1300	CO1266	4.09	3 1-	6ACWC	0	0	1081	169	11	1	1	0.00	3.04	0
OC-1355472821	CO1300	4.09	0 1-	20 N FUSE	0	0	1081	169	0	0	0	0.00	3.04	0
CO1265	CO1266	4.13	204 3-	2ACSR	1240	1174	1073	169	1040	47	26	0.11	3.15	194
CO1264	CO1265	4.19	198 3-	2ACSR	1224	1157	1056	168	1010	46	26	0.07	3.22	114
CO1363	CO1264	4.25	193 3-	2ACSR	1209	1143	1040	168	982	45	25	0.07	3.29	105
CO1364	CO1363	4.29	193 3-	2ACSR	1198	1133	1028	168	982	45	25	0.05	3.34	78
CO1365	CO1364	4.33	192 3-	2ACSR	1187	1122	1016	167	971	44	25	0.05	3.38	77
CO1492	CO1365	4.34	7 1-	6ACWC	0	0	1014	167	34	4	3	0.00	3.39	0
OC46	CO1492	4.34	7 1-	10 N FUSE	0	0	1014	167	34	4	47	0.00	3.39	0
CO1493	OC46	4.49	7 1-	6ACWC	0	0	967	166	34	4	3	0.03	3.42	0
CO1298	CO1493	4.58	1 1-	6ACWC	0	0	942	165	11	1	1	0.00	3.42	0
CO1368	CO1493	4.55	6 1-	6ACWC	0	0	950	165	23	3	2	0.01	3.42	0
CO1369	CO1368	4.58	5 1-	6ACWC	0	0	942	165	22	3	2	0.00	3.43	0
CO1370	CO1369	4.61	3 1-	6ACWC	0	0	932	164	12	1	1	0.00	3.43	0
CO1296	CO1370	4.65	2 1-	6ACWC	0	0	922	164	12	1	1	0.00	3.43	0
CO1371	CO1370	4.66	1 1-	6ACWC	0	0	920	164	0	0	0	0.00	3.43	0
CO1372	CO1371	4.72	0 1-	6ACWC	0	0	903	163	0	0	0	0.00	3.43	0
CO1297	CO1371	4.74	1 1-	6ACWC	0	0	897	163	0	0	0	0.00	3.43	0
CO1366	CO1365	4.39	184 3-	2ACSR	1172	1107	1000	167	926	42	24	0.07	3.45	100
CO1367	CO1366	4.45	184 3-	2ACSR	1158	1095	986	167	926	42	24	0.06	3.51	87
CO1486	CO1367	4.45	183 3-	2ACSR	1157	1094	985	166	922	42	24	0.01	3.51	11
OC50	CO1486	4.45	183 3-	70 L OCR	1157	1094	985	166	922	42	61	0.00	3.51	0
CO1487	OC50	4.65	183 3-	2ACSR	1109	1048	935	165	922	42	24	0.22	3.73	330
CO1490	CO1487	4.66	4 1-	4ACSR	0	0	934	165	17	2	2	0.00	3.73	0
OC44	CO1490	4.66	4 1-	10 N FUSE	0	0	934	165	17	2	23	0.00	3.73	0
CO1491	OC44	5.01	4 1-	4ACSR	0	0	842	161	17	2	2	0.04	3.77	0
CO1289	CO1491	5.06	1 1-	4ACSR	0	0	831	161	5	0	0	0.00	3.77	0
CO1382	CO1491	5.05	3 1-	4ACSR	0	0	833	161	12	1	1	0.00	3.77	0
CO1315	CO1382	5.09	1 1-	4ACSR	0	0	825	161	4	0	0	0.00	3.77	0
CO1383	CO1382	5.15	2 1-	4ACSR	0	0	811	160	8	1	1	0.00	3.78	0
CO1384	CO1383	5.23	2 1-	4ACSR	0	0	792	159	8	1	1	0.00	3.78	0
CO1385	CO1384	5.29	0 1-	4ACSR	0	0	780	159	0	0	0	0.00	3.78	0
CO1386	CO1385	5.33	0 1-	4ACSR	0	0	772	158	0	0	0	0.00	3.78	0
CO1488	CO1487	4.66	9 1-	4ACSR	0	0	934	165	35	4	3	0.00	3.73	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC45	CO1488	4.66	9 1-	10 N FUSE	0	0	934	165	35	4	49	0.00	3.73	0
CO1489	OC45	4.88	9 1-	4ACSR	0	0	875	163	35	4	3	0.05	3.78	3
CO1373	CO1489	4.97	8 1-	4ACSR	0	0	853	162	34	4	3	0.02	3.80	0
CO1258	CO1373	5.12	7 1-	4ACSR	0	0	817	160	32	4	3	0.02	3.82	0
CO1374	CO1258	5.20	0 1-	4ACSR	0	0	800	160	0	0	0	0.00	3.82	0
CO1375	CO1374	5.27	0 1-	4ACSR	0	0	783	159	0	0	0	0.00	3.82	0
CO1257	CO1258	5.28	6 1-	4ACSR	0	0	781	159	19	2	2	0.02	3.84	0
CO1376	CO1257	5.30	6 1-	4ACSR	0	0	777	159	19	2	2	0.00	3.84	0
CO1377	CO1376	5.38	5 1-	4ACSR	0	0	762	158	16	2	2	0.01	3.85	0
CO1378	CO1377	5.40	5 1-	4ACSR	0	0	758	158	16	2	2	0.00	3.85	0
CO1379	CO1378	5.46	4 1-	4ACSR	0	0	746	157	2	0	0	0.00	3.85	0
CO1380	CO1379	5.58	3 1-	4ACSR	0	0	723	156	2	0	0	0.00	3.85	0
CO1381	CO1380	5.71	1 1-	4ACSR	0	0	699	155	0	0	0	0.00	3.85	0
CO1291	CO1257	5.31	0 1-	4ACSR	0	0	775	159	0	0	0	0.00	3.84	0
CO1290	CO1373	5.07	1 1-	4ACSR	0	0	828	161	3	0	0	0.00	3.80	0
CO1387	CO1487	5.10	170 3-	2ACSR	1013	959	841	162	868	39	22	0.45	4.19	648
CO1388	CO1387	5.40	170 3-	2ACSR	955	905	786	160	865	39	22	0.31	4.50	441
CO1389	CO1388	5.41	170 3-	2ACSR	953	904	784	160	863	39	22	0.01	4.50	12
CO1390	CO1389	5.44	169 3-	2ACSR	948	899	779	160	861	39	22	0.03	4.53	42
CO1267	CO1390	5.47	169 3-	2ACSR	943	894	775	160	861	39	22	0.03	4.56	41
CO1268	CO1267	5.54	167 3-	2ACSR	930	882	762	159	852	39	22	0.08	4.64	106
CO1391	CO1268	5.64	166 3-	2ACSR	913	867	747	158	836	38	22	0.09	4.73	130
CO1392	CO1391	5.68	164 3-	2ACSR	906	860	740	158	822	38	21	0.04	4.77	56
CO1393	CO1392	5.71	163 3-	2ACSR	901	855	736	158	810	37	21	0.03	4.80	41
CO1306	CO1393	5.75	1 1-	2ACSR	0	0	730	158	1	0	0	0.00	4.80	0
OC1033144812	CO1306	5.75	0 1-	20 N FUSE	0	0	730	158	0	0	0	0.00	4.80	0
CO1269	CO1393	5.80	162 3-	2ACSR	886	842	722	157	809	37	21	0.09	4.89	116
CO1270	CO1269	5.88	161 3-	2ACSR	874	830	711	157	804	37	21	0.07	4.96	96
CO1308	CO1270	5.92	2 1-	2ACSR	0	0	706	157	8	1	1	0.00	4.96	0
OC-524707618	CO1308	5.92	0 1-	20 N FUSE	0	0	706	157	0	0	0	0.00	4.96	0
CO1271	CO1270	5.96	159 3-	2ACSR	862	820	701	156	796	36	21	0.07	5.03	95
CO1272	CO1271	6.02	157 3-	2ACSR	852	810	692	156	783	36	20	0.06	5.09	80
CO1394	CO1272	6.08	4 1-	2ACSR	0	0	684	156	28	3	2	0.00	5.10	0
OC-610619948	CO1394	6.08	1 1-	20 N FUSE	0	0	684	156	11	1	8	0.00	5.10	0
CO1395	OC-610619948	6.13	1 1-	2ACSR	0	0	677	155	11	1	1	0.00	5.10	0
CO1273	CO1272	6.06	153 3-	2ACSR	847	805	687	156	754	35	20	0.03	5.13	43
CO1274	CO1273	6.22	131 3-	2ACSR	824	784	666	155	566	26	15	0.11	5.24	102
CO1430	CO1274	6.38	4 1-	2ACSR	0	0	647	154	17	2	1	0.01	5.25	0
OC-1587898405	CO1430	6.38	2 1-	20 N FUSE	0	0	647	154	15	2	11	0.00	5.25	0
CO1431	OC-1587898405	6.43	2 1-	2ACSR	0	0	641	153	15	2	1	0.00	5.25	0
CO1514	CO1431	6.47	1 1-	2ACSR	0	0	636	153	6	0	0	0.00	5.25	0
CO1432	CO1514	6.55	1 1-	2ACSR	0	0	627	153	6	0	0	0.00	5.25	0
CO1275	CO1274	6.31	127 3-	2ACSR	812	773	655	154	549	25	14	0.06	5.29	51
CO8233	CO1275	6.40	124 3-	2ACSR	799	761	644	154	528	24	14	0.06	5.35	52
CO2254	CO8233	6.46	123 3-	2ACSR	791	754	637	153	528	24	14	0.04	5.39	31
CO2035	CO2254	6.51	111 3-	2ACSR	785	748	632	153	499	23	13	0.03	5.41	23
CO2261	CO2035	6.64	35 1-	2ACSR	0	0	617	152	141	19	11	0.08	5.49	17
CO2262	CO2261	6.65	34 1-	2ACSR	0	0	616	152	132	18	10	0.01	5.50	0
CO2259	CO2262	6.66	34 1-	2ACSR	0	0	614	152	132	18	10	0.01	5.51	0
CO2260	CO2259	6.76	32 1-	2ACSR	0	0	604	151	122	17	10	0.05	5.56	10
CO2036	CO2260	6.85	30 1-	2ACSR	0	0	596	151	120	16	9	0.04	5.60	8
CO2080	CO2036	6.89	1 1-	4ACSR	0	0	590	150	8	1	1	0.00	5.60	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2037	CO2036	6.94	29 1-	2ACSR	0	0	586	150	111	15	9	0.05	5.65	8
CO2206	CO2037	6.99	3 1-	4ACSR	0	0	580	150	20	2	2	0.00	5.65	0
CO2205	CO2206	7.08	2 1-	4ACSR	0	0	569	149	10	1	1	0.00	5.65	0
CO2365	CO2037	6.95	26 1-	2ACSR	0	0	585	150	92	12	7	0.00	5.65	0
OC65	CO2365	6.95	26 1-	50 H OCR	0	0	585	150	92	12	26	0.00	5.65	0
CO2366	OC65	7.00	26 1-	2ACSR	0	0	581	150	92	12	7	0.02	5.67	3
CO2263	CO2366	7.09	26 1-	2ACSR	0	0	571	149	92	12	7	0.04	5.71	6
CO2264	CO2263	7.14	25 1-	2ACSR	0	0	567	149	91	12	7	0.02	5.73	3
CO2038	CO2264	7.21	21 1-	2ACSR	0	0	560	149	73	10	6	0.02	5.75	3
CO2039	CO2038	7.31	19 1-	2ACSR	0	0	552	148	69	9	5	0.03	5.78	3
CO2265	CO2039	7.35	17 1-	2ACSR	0	0	548	148	56	7	4	0.01	5.79	0
CO2266	CO2265	7.46	16 1-	2ACSR	0	0	539	147	54	7	4	0.02	5.81	0
CO300253970	CO2266	7.51	0 1-	2ACSR	0	0	535	147	0	0	0	0.00	5.81	0
CO2040	CO2266	7.53	11 1-	2ACSR	0	0	533	147	31	4	2	0.01	5.82	0
CO2041	CO2040	7.60	8 1-	2ACSR	0	0	527	146	18	2	1	0.01	5.82	0
CO2075	CO2041	7.65	4 1-	4ACSR	0	0	522	146	15	2	2	0.00	5.83	0
CO2042	CO2041	7.96	4 1-	2ACSR	0	0	500	144	3	0	0	0.00	5.83	0
CO2200	CO2042	8.04	4 1-	4ACSR	0	0	493	144	3	0	0	0.00	5.83	0
CO2199	CO2200	8.14	1 1-	4ACSR	0	0	484	143	2	0	0	0.00	5.83	0
CO2043	CO2042	8.23	0 1-	2ACSR	0	0	481	143	0	0	0	0.00	5.83	0
CO2074	CO2043	8.29	0 1-	4ACSR	0	0	477	143	0	0	0	0.00	5.83	0
CO2044	CO2043	8.32	0 1-	2ACSR	0	0	475	142	0	0	0	0.00	5.83	0
CO2367	CO2044	8.33	0 1-	6ACWC	0	0	475	142	0	0	0	0.00	5.83	0
CO2267	CO2040	7.61	1 1-	4ACSR	0	0	525	146	1	0	0	0.00	5.82	0
CO2268	CO2267	7.64	0 1-	4ACSR	0	0	522	146	0	0	0	0.00	5.82	0
CO2202	CO2266	7.52	3 1-	4ACSR	0	0	533	147	16	2	2	0.00	5.82	0
CO2201	CO2202	7.57	2 1-	4ACSR	0	0	528	146	9	1	1	0.00	5.82	0
CO2204	CO2039	7.39	1 1-	4ACSR	0	0	544	148	6	0	1	0.00	5.78	0
CO2203	CO2204	7.44	1 1-	4ACSR	0	0	538	147	6	0	1	0.00	5.78	0
CO2076	CO2039	7.34	1 1-	4ACSR	0	0	549	148	7	1	1	0.00	5.78	0
CO2077	CO2038	7.27	2 1-	4ACSR	0	0	554	148	4	0	0	0.00	5.75	0
CO1906880266	CO2077	7.32	1 1-	4ACSR	0	0	549	148	1	0	0	0.00	5.75	0
CO2138964922	CO1906880266	7.36	1 1-	4ACSR	0	0	544	147	1	0	0	0.00	5.75	0
CO2079	CO2264	7.21	1 1-	4ACSR	0	0	560	149	0	0	0	0.00	5.73	0
CO2078	CO2264	7.21	1 1-	4ACSR	0	0	559	149	16	2	2	0.00	5.73	0
CO2081	CO2260	6.86	2 1-	4ACSR	0	0	591	151	3	0	0	0.00	5.56	0
CO2279	CO2035	6.56	72 3-	2ACSR	779	742	626	153	333	15	9	0.02	5.44	11
CO2280	CO2279	6.69	71 3-	2ACSR	761	726	611	152	330	15	9	0.05	5.49	30
CO2072	CO2280	6.75	1 1-	2ACSR	0	0	605	151	3	0	0	0.00	5.49	0
OC1970704413	CO2072	6.75	0 1-	20 N FUSE	0	0	605	151	0	0	0	0.00	5.49	0
CO2046	CO2280	6.76	70 3-	2ACSR	753	719	604	151	327	15	8	0.03	5.52	14
CO2084	CO2046	6.83	1 1-	2ACSR	0	0	597	151	1	0	0	0.00	5.52	0
OC-503316782	CO2084	6.83	0 1-	20 N FUSE	0	0	597	151	0	0	0	0.00	5.52	0
CO2135	CO2046	6.84	69 3-	2ACSR	744	710	596	151	326	15	8	0.03	5.54	16
CO2379	CO2135	6.87	69 3-	2ACSR	740	706	593	151	326	15	8	0.01	5.56	8
CO2380	CO2379	6.93	3 1-	4ACSR	0	0	586	150	16	2	2	0.01	5.56	0
OC-408968947	CO2380	6.93	2 1-	20 N FUSE	0	0	586	150	15	2	11	0.00	5.56	0
CO2281	OC-408968947	6.95	2 1-	4ACSR	0	0	584	150	15	2	2	0.00	5.57	0
CO2062	CO2379	6.95	66 3-	2ACSR	731	698	585	150	310	14	8	0.03	5.59	14
CO2231	CO2062	6.98	6 1-	4ACSR	0	0	582	150	22	3	2	0.00	5.59	0
OC-1602578877	CO2231	6.98	6 1-	20 N FUSE	0	0	582	150	22	3	15	0.00	5.59	0
CO2284	OC-1602578877	7.01	3 1-	4ACSR	0	0	578	150	19	2	2	0.00	5.59	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2285	CO2284	7.04	2 1-	4ACSR	0	0	574	149	6	0	1	0.00	5.59	0
CO2282	OC-1602578877	7.02	3 1-	4ACSR	0	0	577	150	4	0	0	0.00	5.59	0
CO2283	CO2282	7.05	2 1-	4ACSR	0	0	573	149	3	0	0	0.00	5.59	0
CO2230	CO2283	7.10	2 1-	4ACSR	0	0	567	149	3	0	0	0.00	5.59	0
CO2118	CO2062	6.98	1 1-	4ACSR	0	0	582	150	4	0	0	0.00	5.59	0
OC-70955910	CO2118	6.98	0 1-	20 N FUSE	0	0	582	150	0	0	0	0.00	5.59	0
CO2061	CO2062	7.03	59 3-	2ACSR	723	690	578	150	284	13	7	0.03	5.61	12
CO2060	CO2061	7.11	58 3-	2ACSR	713	682	570	149	275	12	7	0.03	5.64	13
CO2237	CO2060	7.14	4 1-	4ACSR	0	0	566	149	10	1	1	0.00	5.64	0
OC272718762	CO2237	7.14	3 1-	20 N FUSE	0	0	566	149	6	0	4	0.00	5.64	0
CO2236	OC272718762	7.16	3 1-	4ACSR	0	0	564	149	6	0	1	0.00	5.64	0
CO2115	CO2236	7.21	2 1-	4ACSR	0	0	558	148	3	0	0	0.00	5.64	0
CO2235	CO2236	7.19	1 1-	4ACSR	0	0	560	149	3	0	0	0.00	5.64	0
CO2234	CO2235	7.26	1 1-	4ACSR	0	0	553	148	3	0	0	0.00	5.64	0
CO-691250619	CO2060	7.12	52 3-	2ACSR	712	680	568	149	262	12	7	0.00	5.64	0
CO216847551	CO-691250619	7.14	1 1-	2ACSR	0	0	567	149	0	0	0	0.00	5.64	0
OC746656127	CO216847551	7.14	0 1-	20 N FUSE	0	0	567	149	0	0	0	0.00	5.64	0
CO1995394520	CO-691250619	7.16	1 1-	2ACSR	0	0	565	149	3	0	0	0.00	5.64	0
CO-409473587	CO-691250619	7.26	50 3-	2ACSR	698	667	556	148	258	12	7	0.04	5.69	18
CO2287	CO-409473587	7.32	50 3-	2ACSR	691	661	551	148	258	12	7	0.02	5.70	8
CO2116	CO2287	7.37	0 1-	4ACSR	0	0	545	148	0	0	0	0.00	5.70	0
CO2288	CO2287	7.36	50 3-	2ACSR	687	657	547	148	258	12	7	0.01	5.72	6
CO2289	CO2288	7.41	48 3-	2ACSR	682	653	543	148	252	11	7	0.01	5.73	6
CO2152	CO2289	7.50	1 1-	6ACWC	0	0	533	147	1	0	0	0.00	5.73	0
OC-82846765	CO2152	7.50	1 1-	20 N FUSE	0	0	533	147	1	0	0	0.00	5.73	0
CO2290	OC-82846765	7.53	1 1-	6ACWC	0	0	531	147	1	0	0	0.00	5.73	0
CO2291	CO2290	7.72	1 1-	6ACWC	0	0	512	145	1	0	0	0.00	5.73	0
CO2151	CO2291	7.91	1 1-	6ACWC	0	0	494	144	1	0	0	0.00	5.73	0
CO2150	CO2151	8.02	1 1-	6ACWC	0	0	485	143	1	0	0	0.00	5.73	0
CO2361	CO2289	7.45	1 3-	2ACSR	679	649	540	147	2	0	0	0.00	5.73	0
CO2362	CO2361	7.47	1 3-	2ACSR	677	647	538	147	2	0	0	0.00	5.73	0
CO2153	CO2362	7.53	1 3-	2ACSR	670	641	533	147	2	0	0	0.00	5.73	0
CO2117	CO2153	7.61	1 1-	4ACSR	0	0	525	146	2	0	0	0.00	5.73	0
OC30578829	CO2117	7.61	0 1-	20 N FUSE	0	0	525	146	0	0	0	0.00	5.73	0
CO2372	CO2153	7.65	0 3-	2ACSR	659	631	523	146	0	0	0	0.00	5.73	0
#SW74-B	CO2372	7.65	0 3-	Open	659	631	523	146	0	0	0	0.00	5.73	0
CO2374	CO2289	7.42	46 1-	4ACSR	0	0	542	148	249	34	25	0.01	5.74	4
OC66	CO2374	7.42	46 1-	50 H OCR	0	0	542	148	249	34	70	0.00	5.74	0
CO2375	OC66	7.47	46 1-	4ACSR	0	0	537	147	249	34	25	0.09	5.83	36
RG29378565	CO2375	7.47	45 1-	100	0	0	537	147	243	34	34	-5.83	0.00	0
CO2381	RG29378565	7.61	45 1-	4ACSR	0	0	522	146	243	32	23	0.20	0.20	76
CO2292	CO2381	7.64	44 1-	4ACSR	0	0	520	146	234	31	22	0.04	0.23	13
CO2095	CO2292	7.81	2 1-	4ACSR	0	0	504	144	5	0	1	0.00	0.24	0
CO2137	CO2292	7.66	42 1-	4ACSR	0	0	517	145	229	30	22	0.04	0.27	14
CO2136	CO2137	7.77	42 1-	4ACSR	0	0	507	145	229	30	22	0.14	0.41	52
CO2096	CO2136	7.80	0 1-	4ACSR	0	0	504	144	0	0	0	0.00	0.41	0
CO2094	CO2136	8.01	1 1-	4ACSR	0	0	486	143	7	1	1	0.01	0.42	0
CO898034151	CO2094	8.05	0 1-	2ACSR	0	0	483	143	0	0	0	0.00	0.42	0
CO2293	CO2136	7.97	40 1-	4ACSR	0	0	489	143	216	29	21	0.26	0.67	90
CO2294	CO2293	8.06	40 1-	4ACSR	0	0	481	142	216	29	21	0.11	0.79	40
CO2050	CO2294	8.18	34 1-	4ACSR	0	0	471	141	185	24	18	0.13	0.92	39
CO2051	CO2050	8.22	32 1-	4ACSR	0	0	467	141	165	22	16	0.04	0.96	11

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2295	CO2051	8.30	2 1-	4ACSR	0	0	461	140	7	1	1	0.00	0.96	0
CO2296	CO2295	8.35	1 1-	4ACSR	0	0	457	140	3	0	0	0.00	0.96	0
CO2052	CO2051	8.30	28 1-	4ACSR	0	0	461	141	147	19	14	0.07	1.03	16
CO2089	CO2052	8.35	1 1-	4ACSR	0	0	457	140	10	1	1	0.00	1.03	0
CO2053	CO2052	8.36	25 1-	4ACSR	0	0	456	140	123	16	12	0.04	1.07	8
CO2127	CO2053	8.39	0 1-	2ACSR	0	0	455	140	0	0	0	0.00	1.07	0
CO2210	CO2053	8.44	4 1-	4ACSR	0	0	450	140	18	2	2	0.01	1.08	0
CO1409467484	CO2210	8.48	2 1-	2ACSR	0	0	448	139	13	1	1	0.00	1.08	0
CO-1045659415	CO1409467484	8.53	2 1-	2ACSR	0	0	445	139	13	1	1	0.00	1.09	0
CO2143	CO-1045659415	8.63	1 1-	4ACSR	0	0	438	138	2	0	0	0.00	1.09	0
CO2142	CO-1045659415	8.60	0 1-	4ACSR	0	0	440	138	0	0	0	0.00	1.09	0
CO2048	CO2142	8.98	0 1-	4ACSR	0	0	414	136	0	0	0	0.00	1.09	0
CO2049	CO2048	9.29	0 1-	4ACSR	0	0	395	134	0	0	0	0.00	1.09	0
CO2147	CO2049	9.61	0 1-	4ACSR	0	0	377	131	0	0	0	0.00	1.09	0
CO2357	CO2147	9.67	0 1-	4ACSR	0	0	374	131	0	0	0	0.00	1.09	0
CO2358	CO2357	9.67	0 1-	4ACSR	0	0	373	131	0	0	0	0.00	1.09	0
CO2146	CO2358	9.86	0 1-	4ACSR	0	0	363	130	0	0	0	0.00	1.09	0
CO2103	CO2049	9.38	0 1-	4ACSR	0	0	390	133	0	0	0	0.00	1.09	0
CO2218	CO2048	9.10	0 1-	4ACSR	0	0	406	135	0	0	0	0.00	1.09	0
CO2217	CO2218	9.31	0 1-	4ACSR	0	0	393	133	0	0	0	0.00	1.09	0
CO2091	CO-1045659415	8.57	1 1-	4ACSR	0	0	442	139	11	1	1	0.00	1.09	0
CO2209	CO2210	8.49	1 1-	4ACSR	0	0	447	139	5	0	0	0.00	1.08	0
CO2208	CO2209	8.55	1 1-	4ACSR	0	0	442	139	5	0	0	0.00	1.08	0
CO2054	CO2053	8.50	17 1-	4ACSR	0	0	446	139	92	12	9	0.08	1.15	11
CO2297	CO2054	8.55	15 1-	4ACSR	0	0	442	139	80	10	8	0.02	1.17	3
CO2298	CO2297	8.60	14 1-	4ACSR	0	0	439	138	79	10	8	0.02	1.19	3
CO2299	CO2298	8.61	13 1-	4ACSR	0	0	437	138	77	10	7	0.01	1.20	0
CO2087	CO2299	8.69	4 1-	4ACSR	0	0	432	138	26	3	3	0.01	1.21	0
CO2300	CO2087	8.75	2 1-	2ACSR	0	0	429	137	15	2	1	0.00	1.21	0
CO2301	CO2300	8.79	1 1-	2ACSR	0	0	427	137	12	1	1	0.00	1.21	0
CO2244	CO2299	8.64	1 1-	2ACSR	0	0	436	138	2	0	0	0.00	1.20	0
CO2243	CO2244	8.68	1 1-	2ACSR	0	0	434	138	2	0	0	0.00	1.20	0
CO2302	CO2299	8.70	8 1-	4ACSR	0	0	431	138	48	6	5	0.02	1.22	0
CO2303	CO2302	8.76	7 1-	4ACSR	0	0	427	137	39	5	4	0.01	1.24	0
CO2085	CO2303	8.85	1 1-	4ACSR	0	0	421	136	5	0	1	0.00	1.24	0
CO2304	CO2303	8.79	6 1-	4ACSR	0	0	425	137	34	4	3	0.01	1.24	0
CO2305	CO2304	8.81	5 1-	4ACSR	0	0	423	137	34	4	3	0.00	1.25	0
CO2306	CO2305	8.82	4 1-	4ACSR	0	0	423	137	30	4	3	0.00	1.25	0
CO2086	CO2306	8.87	2 1-	4ACSR	0	0	420	136	13	1	1	0.00	1.25	0
CO2207	CO2306	8.85	2 1-	4ACSR	0	0	421	136	17	2	2	0.00	1.25	0
CO2124	CO2054	8.55	1 1-	2ACSR	0	0	443	139	6	0	0	0.00	1.15	0
CO2212	CO2052	8.38	2 1-	4ACSR	0	0	455	140	13	1	1	0.00	1.03	0
CO2211	CO2212	8.46	1 1-	4ACSR	0	0	449	139	0	0	0	0.00	1.03	0
CO2090	CO2050	8.26	1 1-	4ACSR	0	0	464	141	8	1	1	0.00	0.92	0
CO2047	CO2294	8.23	5 1-	4ACSR	0	0	467	141	27	3	3	0.03	0.82	0
CO2376	CO2047	8.24	0 1-	750 MCM - 42 Wi	0	0	466	141	0	0	0	0.00	0.82	0
OC69	CO2376	8.24	0 1-	10 H OCR	0	0	466	141	0	0	0	0.00	0.82	0
CO2141	OC69	8.49	0 1-	4ACSR	0	0	447	139	0	0	0	0.00	0.82	0
CO2140	CO2141	8.73	0 1-	4ACSR	0	0	429	137	0	0	0	0.00	0.82	0
CO2139	CO2140	8.86	0 1-	4ACSR	0	0	421	136	0	0	0	0.00	0.82	0
CO2138	CO2139	8.93	0 1-	4ACSR	0	0	416	136	0	0	0	0.00	0.82	0
CO2216	CO2047	8.27	3 1-	4ACSR	0	0	463	141	13	1	1	0.00	0.82	0

Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2215	CO2216	8.30	2 1-	4ACSR	0	0	461	141	12	1	1	0.00	0.82	0
CO2214	CO2215	8.34	2 1-	4ACSR	0	0	458	140	12	1	1	0.00	0.82	0
CO2213	CO2214	8.37	2 1-	4ACSR	0	0	456	140	12	1	1	0.00	0.82	0
CO2092	CO2047	8.30	2 1-	4ACSR	0	0	461	141	14	1	1	0.00	0.82	0
CO2093	CO2294	8.09	1 1-	4ACSR	0	0	478	142	4	0	0	0.00	0.79	0
CO2233	CO2061	7.05	1 1-	4ACSR	0	0	575	150	9	1	1	0.00	5.61	0
OC1509462541	CO2233	7.05	1 1-	20 N FUSE	0	0	575	150	9	1	6	0.00	5.61	0
CO2232	OC1509462541	7.19	1 1-	4ACSR	0	0	559	148	9	1	1	0.00	5.62	0
CO2106	CO2035	6.53	1 1-	4ACSR	0	0	629	153	5	0	0	0.00	5.42	0
CO2363	CO2254	6.46	12 1-	4ACSR	0	0	636	153	28	3	3	0.00	5.39	0
OC67	CO2363	6.46	12 1-	10 N FUSE	0	0	636	153	28	3	40	0.00	5.39	0
CO2364	OC67	6.52	12 1-	4ACSR	0	0	628	153	28	3	3	0.01	5.40	0
CO2255	CO2364	6.59	8 1-	4ACSR	0	0	620	152	19	2	2	0.01	5.40	0
CO2256	CO2255	6.62	7 1-	4ACSR	0	0	615	152	18	2	2	0.00	5.41	0
CO2083	CO2256	6.66	1 1-	4ACSR	0	0	609	151	4	0	0	0.00	5.41	0
CO2082	CO2256	6.68	1 1-	4ACSR	0	0	607	151	1	0	0	0.00	5.41	0
CO2359	CO2256	6.65	5 1-	4ACSR	0	0	611	152	13	1	1	0.00	5.41	0
CO2360	CO2359	6.68	4 1-	4ACSR	0	0	606	151	12	1	1	0.00	5.41	0
CO2257	CO2360	6.73	4 1-	4ACSR	0	0	600	151	12	1	1	0.00	5.42	0
CO2258	CO2257	6.80	2 1-	4ACSR	0	0	591	150	4	0	0	0.00	5.42	0
CO8212	CO2258	6.87	1 1-	4ACSR	0	0	583	150	2	0	0	0.00	5.42	0
CO1433	CO1275	6.36	3 1-	4ACSR	0	0	647	154	21	2	2	0.01	5.30	0
CO1434	CO1433	6.53	3 1-	4ACSR	0	0	622	152	21	2	2	0.02	5.32	0
CO1437	CO1434	6.67	1 1-	4ACSR	0	0	605	151	7	0	1	0.01	5.33	0
CO1438	CO1437	6.80	1 1-	4ACSR	0	0	588	150	7	0	1	0.00	5.33	0
CO1435	CO1434	6.56	1 1-	4ACSR	0	0	619	152	10	1	1	0.00	5.32	0
CO1436	CO1435	6.59	0 1-	4ACSR	0	0	615	152	0	0	0	0.00	5.32	0
CO1496	CO1273	6.07	22 1-	4ACSR	0	0	686	156	188	26	19	0.01	5.14	2
OC43	CO1496	6.07	22 1-	35 H OCR	0	0	686	156	188	26	75	0.00	5.14	0
CO1497	OC43	6.17	22 1-	4ACSR	0	0	669	155	188	26	19	0.12	5.25	36
CO1396	CO1497	6.25	20 1-	4ACSR	0	0	657	154	176	24	18	0.09	5.34	26
CO1508	CO1396	6.35	2 1-	4ACSR	0	0	641	153	8	1	1	0.00	5.35	0
CO1509	CO1508	6.42	1 1-	4ACSR	0	0	631	152	6	0	1	0.00	5.35	0
CO1397	CO1396	6.48	18 1-	4ACSR	0	0	623	152	167	23	17	0.24	5.58	66
CO1398	CO1397	6.52	18 1-	4ACSR	0	0	617	152	167	23	17	0.05	5.63	13
CO1399	CO1398	6.73	18 1-	4ACSR	0	0	590	150	167	23	17	0.22	5.85	62
CO1400	CO1399	6.79	17 1-	4ACSR	0	0	583	149	166	23	17	0.06	5.90	16
CO1313	CO1400	6.96	1 1-	4ACSR	0	0	562	148	9	1	1	0.01	5.91	0
CO1332	CO1400	6.84	1 1-	2ACSR	0	0	577	149	7	0	1	0.00	5.90	0
CO1401	CO1400	6.83	15 1-	4ACSR	0	0	578	149	150	21	15	0.04	5.94	10
CO1276	CO1401	6.93	15 1-	4ACSR	0	0	565	148	150	21	15	0.10	6.04	25
CO1277	CO1276	6.97	15 1-	4ACSR	0	0	561	148	150	21	15	0.04	6.07	9
CO1498	CO1277	7.03	10 1-	4ACSR	0	0	554	147	102	14	10	0.03	6.11	5
CO1499	CO1498	7.04	9 1-	4ACSR	0	0	552	147	86	12	9	0.01	6.12	0
CO1310	CO1499	7.11	1 1-	4ACSR	0	0	545	147	11	1	1	0.00	6.12	0
CO1500	CO1499	7.10	8 1-	4ACSR	0	0	547	147	75	10	8	0.02	6.14	2
CO1505	CO1500	7.15	4 1-	4ACSR	0	0	540	146	27	3	3	0.01	6.15	0
CO1506	CO1505	7.20	1 1-	4ACSR	0	0	535	146	8	1	1	0.00	6.15	0
CO1507	CO1506	7.26	1 1-	4ACSR	0	0	529	145	8	1	1	0.00	6.15	0
CO1501	CO1500	7.17	2 1-	4ACSR	0	0	539	146	28	3	3	0.01	6.15	0
CO1502	CO1501	7.20	2 1-	4ACSR	0	0	536	146	28	3	3	0.00	6.16	0
CO1503	CO1502	7.25	1 1-	4ACSR	0	0	530	146	22	3	2	0.01	6.16	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1504	CO1503	7.30	1 1-	4ACSR	0	0	525	145	22	3	2	0.00	6.17	0
CO1312	CO1277	7.03	3 1-	4ACSR	0	0	554	147	34	4	3	0.01	6.08	0
CO1311	CO1277	7.08	2 1-	4ACSR	0	0	548	147	13	1	1	0.00	6.08	0
CO1309	CO1271	6.00	2 1-	2ACSR	0	0	694	156	12	1	1	0.00	5.03	0
OC-830579345	CO1309	6.00	0 1-	20 N FUSE	0	0	694	156	0	0	0	0.00	5.03	0
CO1307	CO1269	5.92	1 1-	2ACSR	0	0	705	157	5	0	0	0.00	4.89	0
OC1795333941	CO1307	5.92	0 1-	20 N FUSE	0	0	705	157	0	0	0	0.00	4.89	0
CO1305	CO1268	5.63	0 1-	2ACSR	0	0	749	158	0	0	0	0.00	4.64	0
OC414237280	CO1305	5.63	0 1-	20 N FUSE	0	0	749	158	0	0	0	0.00	4.64	0
CO1304	CO1267	5.51	2 1-	2ACSR	0	0	768	159	8	1	1	0.00	4.56	0
OC840534096	CO1304	5.51	0 1-	20 N FUSE	0	0	768	159	0	0	0	0.00	4.56	0
CO1303	CO1390	5.48	0 1-	2ACSR	0	0	772	159	0	0	0	0.00	4.53	0
OC-1282052766	CO1303	5.48	0 1-	20 N FUSE	0	0	772	159	0	0	0	0.00	4.53	0
CO1295	CO1367	4.49	1 1-	4ACSR	0	0	972	166	4	0	0	0.00	3.51	0
OC1014028958	CO1295	4.49	0 1-	20 N FUSE	0	0	972	166	0	0	0	0.00	3.51	0
CO1361	CO1264	4.27	2 1-	4ACSR	0	0	1030	168	5	0	0	0.00	3.22	0
OC1559923183	CO1361	4.27	1 1-	20 N FUSE	0	0	1030	168	5	0	3	0.00	3.22	0
CO1362	OC1559923183	4.32	1 1-	4ACSR	0	0	1012	167	5	0	0	0.00	3.22	0
CO1359	CO1264	4.27	3 1-	4ACSR	0	0	1030	168	22	3	2	0.01	3.23	0
OC436603047	CO1359	4.27	2 1-	20 N FUSE	0	0	1030	168	14	1	10	0.00	3.23	0
CO1360	OC436603047	4.35	2 1-	4ACSR	0	0	1003	167	14	1	1	0.00	3.23	0
CO1299	CO1265	4.17	4 1-	6ACWC	0	0	1060	168	21	2	2	0.00	3.15	0
OC1902853114	CO1299	4.17	0 1-	20 N FUSE	0	0	1060	168	0	0	0	0.00	3.15	0
CO1302	CO1356	4.07	1 1-	6ACWC	0	0	1088	169	10	1	1	0.00	2.97	0
OC742699979	CO1302	4.07	0 1-	20 N FUSE	0	0	1088	169	0	0	0	0.00	2.97	0
CO1301	CO1356	4.02	1 1-	6ACWC	0	0	1105	169	5	0	1	0.00	2.97	0
OC-1663156331	CO1301	4.02	0 1-	20 N FUSE	0	0	1105	169	0	0	0	0.00	2.97	0
CO1357	CO1356	4.02	4 1-	6ACWC	0	0	1105	169	34	4	3	0.00	2.97	0
OC-1830118300	CO1357	4.02	0 1-	20 N FUSE	0	0	1105	169	0	0	0	0.00	2.97	0
CO1358	OC-1830118300	4.07	0 1-	6ACWC	0	0	1088	169	0	0	0	0.00	2.97	0
CO1331	CO1262	3.75	1 1-	2ACSR	0	0	1196	172	4	0	0	0.00	2.63	0
CO1338	CO1263	3.66	2 1-	4ACSR	0	0	1226	172	7	0	1	0.00	2.47	0
OC-1967277256	CO1338	3.66	2 1-	20 N FUSE	0	0	1226	172	7	0	4	0.00	2.47	0
CO1339	OC-1967277256	3.69	2 1-	4ACSR	0	0	1214	172	7	0	1	0.00	2.47	0
CO8902	CO8906	3.47	6 1-	4ACSR	0	0	1295	173	44	5	4	0.01	2.23	0
OC435539252	CO8902	3.47	4 1-	20 N FUSE	0	0	1295	173	33	4	22	0.00	2.23	0
CO8816	OC435539252	3.54	1 1-	4ACSR	0	0	1265	173	12	1	1	0.00	2.23	0
CO8815	OC435539252	3.50	2 1-	4ACSR	0	0	1281	173	6	0	1	0.00	2.23	0
CO8903	OC435539252	3.59	1 1-	4ACSR	0	0	1243	172	15	1	1	0.01	2.24	0
CO8904	CO8903	3.70	1 1-	4ACSR	0	0	1195	171	15	1	1	0.01	2.24	0
CO8942	CO8769	3.25	4 3-	2ACSR	1500	1456	1381	175	63	2	2	0.00	1.97	0
CO8943	CO8942	3.27	3 3-	2ACSR	1494	1449	1373	175	19	0	0	0.00	1.97	0
OC1181345268	CO8943	3.27	0 3-	20 N FUSE	1494	1449	1373	175	0	0	0	0.00	1.97	0
CO8827	CO8943	3.32	1 1-	2ACSR	0	0	1349	174	13	1	1	0.00	1.98	0
CO8940	CO8943	3.32	1 1-	2ACSR	0	0	1351	174	5	0	0	0.00	1.98	0
CO8941	CO8940	3.35	1 1-	2ACSR	0	0	1338	174	5	0	0	0.00	1.98	0
CO8946	CO8767	3.13	3 1-	4ACSR	0	0	1423	175	12	1	1	0.00	1.80	0
OC496102436	CO8946	3.13	1 1-	20 N FUSE	0	0	1423	175	6	0	4	0.00	1.80	0
CO8947	OC496102436	3.18	1 1-	4ACSR	0	0	1401	175	6	0	1	0.00	1.81	0
CO8756	CO1966221496	3.08	87 3-	1/0ACSR	1553	1515	1451	176	425	19	8	0.02	1.75	10
CO8757	CO8756	3.17	84 3-	1/0ACSR	1526	1485	1415	175	415	18	8	0.03	1.78	17
CO8807	CO8757	3.22	2 1-	4ACSR	0	0	1386	175	14	1	1	0.00	1.78	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC600669018	CO8807	3.22	0 1-	20 N FUSE	0	0	1386	175	0	0	0	0.00	1.78	0
CO8758	CO8757	3.44	82 3-	1/0ACSR	1443	1395	1310	174	400	18	8	0.08	1.86	52
CO9109	CO8758	3.45	16 1-	6ACWC	0	0	1307	174	81	11	8	0.00	1.87	0
OC231	CO9109	3.45	16 1-	10 N FUSE	0	0	1307	174	81	11	111	0.00	1.87	0
CO9110	OC231	3.55	16 1-	6ACWC	0	0	1263	173	81	11	8	0.05	1.91	6
CO8814	CO9110	3.61	1 1-	6ACWC	0	0	1234	172	4	0	0	0.00	1.92	0
CO8813	CO9110	3.60	1 1-	6ACWC	0	0	1239	172	7	0	1	0.00	1.92	0
CO8948	CO9110	3.61	3 1-	6ACWC	0	0	1237	172	30	4	3	0.01	1.92	0
CO8949	CO8948	3.66	1 1-	6ACWC	0	0	1213	171	11	1	1	0.00	1.92	0
CO8950	CO9110	3.66	11 1-	6ACWC	0	0	1215	171	40	5	4	0.03	1.94	0
CO8951	CO8950	3.69	11 1-	6ACWC	0	0	1201	171	40	5	4	0.01	1.95	0
CO8952	CO8951	3.70	9 1-	6ACWC	0	0	1196	171	40	5	4	0.00	1.95	0
CO8812	CO8952	3.75	1 1-	6ACWC	0	0	1178	170	12	1	1	0.00	1.95	0
CO8953	CO8952	3.74	8 1-	6ACWC	0	0	1180	170	28	3	3	0.01	1.96	0
CO8954	CO8953	3.75	8 1-	6ACWC	0	0	1177	170	28	3	3	0.00	1.96	0
CO8955	CO8954	3.78	5 1-	6ACWC	0	0	1166	170	25	3	2	0.00	1.96	0
CO8956	CO8955	3.81	4 1-	6ACWC	0	0	1153	170	15	1	1	0.00	1.97	0
CO8957	CO8956	3.94	2 1-	6ACWC	0	0	1104	168	7	0	1	0.01	1.97	0
CO8959	CO8957	4.02	1 1-	2ACSR	0	0	1077	168	7	0	1	0.00	1.97	0
CO8960	CO8959	4.11	1 1-	2ACSR	0	0	1052	167	7	0	1	0.00	1.98	0
CO8958	CO8957	4.04	1 1-	6ACWC	0	0	1068	167	0	0	0	0.00	1.97	0
CO8912	CO8758	3.53	66 3-	1/0ACSR	1419	1369	1280	173	319	14	6	0.02	1.88	10
CO8913	CO8912	3.57	65 3-	1/0ACSR	1408	1357	1267	173	313	14	6	0.01	1.89	5
OC1535688841	CO8913	3.57	49 3-	50 L OCR	1408	1357	1267	173	255	11	0	0.00	1.89	0
CO8914	OC1535688841	3.58	49 3-	1/0ACSR	1404	1353	1262	173	255	11	5	0.00	1.90	0
OC-1052887918	CO8914	3.58	49 3-	20 N FUSE	1404	1353	1262	173	255	11	58	0.00	1.90	0
CO8915	OC-1052887918	3.64	49 3-	1/0ACSR	1388	1336	1243	173	255	11	5	0.01	1.91	4
CO8916	CO8915	3.73	48 3-	1/0ACSR	1363	1308	1213	172	246	11	5	0.02	1.92	7
CO8759	CO8916	3.82	46 3-	1/0ACSR	1340	1284	1187	172	241	10	5	0.02	1.94	6
CO8760	CO8759	4.00	16 3-	1/0ACSR	1295	1236	1135	171	95	4	2	0.01	1.95	0
CO8801	CO8760	4.12	1 1-	4ACSR	0	0	1090	170	4	0	0	0.00	1.96	0
OC-325397248	CO8801	4.12	0 1-	20 N FUSE	0	0	1090	170	0	0	0	0.00	1.96	0
CO8761	CO8760	4.10	15 3-	1/0ACSR	1270	1209	1106	170	91	4	2	0.01	1.96	0
CO8965	CO8761	4.16	2 1-	4ACSR	0	0	1086	170	11	1	1	0.00	1.96	0
OC777557909	CO8965	4.16	1 1-	20 N FUSE	0	0	1086	170	11	1	7	0.00	1.96	0
CO8966	OC777557909	4.24	1 1-	4ACSR	0	0	1057	169	11	1	1	0.00	1.97	0
CO8762	CO8761	4.17	13 3-	1/0ACSR	1254	1193	1089	170	80	3	2	0.00	1.96	0
CO8763	CO8762	4.24	11 3-	1/0ACSR	1237	1175	1070	170	74	3	1	0.00	1.97	0
CO17106	CO8763	4.34	0 1-	4ACSR	0	0	1038	169	0	0	0	0.00	1.97	0
OC852877270	CO17106	4.34	0 1-	20 N FUSE	0	0	1038	169	0	0	0	0.00	1.97	0
CO16979	CO8763	4.43	11 3-	1/0ACSR	1195	1131	1024	169	74	3	1	0.01	1.98	0
CO8421	CO16979	4.55	10 3-	1/0ACSR	1171	1106	999	168	60	2	1	0.00	1.98	0
CO8550	CO8421	4.57	5 3-	1/0ACSR	1167	1101	994	168	39	1	1	0.00	1.98	0
CO8551	CO8550	4.61	1 3-	1/0ACSR	1158	1092	985	168	13	0	0	0.00	1.99	0
CO8657	CO8551	4.67	0 3-	1/0ACSR	1146	1080	972	167	0	0	0	0.00	1.99	0
CO8464	CO8421	4.62	2 1-	4ACSR	0	0	978	167	11	1	1	0.00	1.99	0
CO8463	CO16979	4.53	1 1-	4ACSR	0	0	995	168	14	1	1	0.00	1.98	0
CO8968	CO8762	4.22	2 1-	4ACSR	0	0	1070	169	6	0	1	0.00	1.97	0
CO8969	CO8968	4.29	1 1-	4ACSR	0	0	1048	169	5	0	0	0.00	1.97	0
OC1828565134	CO8969	4.29	1 1-	20 N FUSE	0	0	1048	169	5	0	3	0.00	1.97	0
CO8967	OC1828565134	4.35	1 1-	4ACSR	0	0	1029	168	5	0	0	0.00	1.97	0
CO8800	CO8761	4.20	0 1-	4ACSR	0	0	1073	169	0	0	0	0.00	1.96	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1494970472	CO8800	4.20	0 1-	20 N FUSE	0	0	1073	169	0	0	0	0.00	1.96	0
CO9107	CO8759	3.82	30 1-	4ACSR	0	0	1184	172	146	19	14	0.01	1.95	0
OC230	CO9107	3.82	30 1-	50 E OCR	0	0	1184	172	146	19	40	0.00	1.95	0
CO9108	OC230	4.01	30 1-	4ACSR	0	0	1114	170	146	19	14	0.16	2.11	39
CO8764	CO9108	4.21	29 1-	4ACSR	0	0	1044	168	144	19	14	0.17	2.28	40
CO8963	CO8764	4.27	4 1-	4ACSR	0	0	1022	167	25	3	2	0.01	2.29	0
CO8964	CO8963	4.47	3 1-	4ACSR	0	0	959	165	24	3	2	0.02	2.31	0
CO8962	CO8964	4.50	1 1-	4ACSR	0	0	952	165	10	1	1	0.00	2.31	0
CO8961	CO8962	4.57	1 1-	4ACSR	0	0	930	164	10	1	1	0.00	2.32	0
CO8765	CO8764	4.24	24 1-	4ACSR	0	0	1033	167	116	15	11	0.02	2.30	4
CO9088	CO8765	4.31	4 1-	4ACSR	0	0	1010	167	5	0	1	0.00	2.31	0
CO9089	CO9088	4.33	1 1-	4ACSR	0	0	1002	166	3	0	0	0.00	2.31	0
CO8919	CO8765	4.29	20 1-	4ACSR	0	0	1017	167	110	15	11	0.03	2.33	5
CO8920	CO8919	4.33	18 1-	4ACSR	0	0	1002	166	102	13	10	0.03	2.36	5
CO8808	CO8920	4.39	2 1-	4ACSR	0	0	984	166	9	1	1	0.00	2.37	0
CO8766	CO8920	4.39	10 1-	4ACSR	0	0	984	166	47	6	5	0.02	2.38	0
CO8921	CO8766	4.42	2 1-	4ACSR	0	0	973	165	10	1	1	0.00	2.38	0
CO8922	CO8921	4.54	1 1-	4ACSR	0	0	938	164	4	0	0	0.00	2.38	0
CO8923	CO8766	4.58	8 1-	4ACSR	0	0	928	164	37	5	4	0.04	2.42	2
CO8924	CO8923	4.61	6 1-	4ACSR	0	0	919	164	33	4	3	0.01	2.43	0
CO8925	CO8924	4.63	5 1-	4ACSR	0	0	912	163	33	4	3	0.01	2.43	0
CO8926	CO8925	4.72	4 1-	4ACSR	0	0	888	162	33	4	3	0.02	2.45	0
CO8927	CO8926	4.75	3 1-	4ACSR	0	0	881	162	29	3	3	0.00	2.45	0
CO-303829797	CO8927	4.83	1 1-	2ACSR	0	0	863	162	18	2	1	0.01	2.46	0
CO-1559104843	CO-303829797	4.91	1 1-	2ACSR	0	0	848	161	18	2	1	0.00	2.46	0
CO8928	CO8927	4.83	2 1-	4ACSR	0	0	861	161	11	1	1	0.00	2.46	0
CO9074	CO8920	4.39	6 1-	4ACSR	0	0	985	166	45	6	4	0.01	2.38	0
CO8809	CO9074	4.42	2 1-	4ACSR	0	0	975	165	14	1	1	0.00	2.38	0
CO9075	CO9074	4.40	4 1-	4ACSR	0	0	982	166	31	4	3	0.00	2.38	0
CO9076	CO9075	4.41	1 1-	4ACSR	0	0	978	166	13	1	1	0.00	2.38	0
CO8810	CO9108	4.06	1 1-	4ACSR	0	0	1094	169	2	0	0	0.00	2.11	0
CO8822	CO8810	4.12	1 1-	2ACSR	0	0	1076	169	2	0	0	0.00	2.11	0
CO8917	CO8916	3.83	2 1-	4ACSR	0	0	1175	171	5	0	0	0.00	1.93	0
OC963915195	CO8917	3.83	1 1-	20 N FUSE	0	0	1175	171	3	0	2	0.00	1.93	0
CO8918	OC963915195	3.87	1 1-	4ACSR	0	0	1156	171	3	0	0	0.00	1.93	0
CO9125	CO8913	3.70	16 1-	2ACSR	0	0	1218	172	58	7	4	0.03	1.92	2
CO8938	CO9125	3.72	11 1-	2ACSR	0	0	1209	172	37	4	3	0.00	1.93	0
CO8939	CO8938	3.77	11 1-	2ACSR	0	0	1191	172	37	4	3	0.01	1.93	0
CO8934	CO8939	3.79	5 1-	6ACWC	0	0	1185	171	22	2	2	0.00	1.94	0
CO8935	CO8934	3.86	5 1-	6ACWC	0	0	1159	171	22	2	2	0.01	1.94	0
CO8936	CO8935	3.90	2 1-	6ACWC	0	0	1143	170	13	1	1	0.00	1.95	0
CO8937	CO8936	3.93	1 1-	6ACWC	0	0	1130	170	10	1	1	0.00	1.95	0
CO8933	CO8939	3.83	6 1-	2ACSR	0	0	1171	171	15	2	1	0.00	1.94	0
CO9126	CO8933	3.93	6 1-	2ACSR	0	0	1139	170	15	2	1	0.01	1.94	0
CO8932	CO9126	3.96	6 1-	2ACSR	0	0	1130	170	15	2	1	0.00	1.94	0
CO16981	CO8932	4.01	0 1-	6ACWC	0	0	1109	170	0	0	0	0.00	1.94	0
CO-549169272	CO8932	4.02	3 1-	2ACSR	0	0	1111	170	5	0	0	0.00	1.95	0
CO-925777018	CO-549169272	4.06	1 1-	2ACSR	0	0	1099	169	0	0	0	0.00	1.95	0
CO-2081089874	CO-549169272	4.08	2 1-	2ACSR	0	0	1092	169	5	0	0	0.00	1.95	0
CO8552	CO-2081089874	4.15	2 1-	4ACSR	0	0	1067	169	5	0	1	0.00	1.95	0
CO8469	CO8552	4.20	0 1-	4ACSR	0	0	1051	168	0	0	0	0.00	1.95	0
CO8465	CO8552	4.25	1 1-	2ACSR	0	0	1040	168	5	0	0	0.00	1.95	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8554	CO8552	4.41	1 1-	4ACSR	0	0	981	166	0	0	0	0.00	1.95	0
CO8553	CO8554	4.72	0 1-	4ACSR	0	0	893	163	0	0	0	0.00	1.95	0
CO8555	CO8553	5.01	0 1-	4ACSR	0	0	821	160	0	0	0	0.00	1.95	0
CO8929	CO8932	3.98	2 1-	2ACSR	0	0	1124	170	9	1	1	0.00	1.95	0
CO8930	CO8929	4.02	2 1-	2ACSR	0	0	1111	170	9	1	1	0.00	1.95	0
CO8931	CO8930	4.05	2 1-	2ACSR	0	0	1101	169	9	1	1	0.00	1.95	0
CO8811	CO9125	3.75	2 1-	6ACWC	0	0	1195	171	10	1	1	0.00	1.92	0
CO8826	CO8756	3.11	0 1-	2ACSR	0	0	1436	175	0	0	0	0.00	1.75	0
CO8806	CO8756	3.14	3 1-	4ACSR	0	0	1421	175	10	1	1	0.00	1.75	0
OC2053570133	CO8806	3.14	0 1-	20 N FUSE	0	0	1421	175	0	0	0	0.00	1.75	0
CO8805	CO8754	2.96	0 3-	4ACSR	1594	1560	1506	176	0	0	0	0.00	1.47	0
CO8877	CO8754	2.96	2 1-	4ACSR	0	0	1506	176	11	1	1	0.00	1.47	0
OC467778824	CO8877	2.96	0 1-	20 N FUSE	0	0	1506	176	0	0	0	0.00	1.47	0
CO8878	OC467778824	2.99	0 1-	4ACSR	0	0	1491	176	0	0	0	0.00	1.47	0
CO8876	CO8874	3.02	3 1-	4ACSR	0	0	1471	176	30	4	3	0.01	1.47	0
OC-1141236750	CO8876	3.02	1 1-	20 N FUSE	0	0	1471	176	10	1	7	0.00	1.47	0
CO578226920	OC-1141236750	3.05	1 1-	2ACSR	0	0	1453	175	10	1	1	0.00	1.47	0
CO70263179	CO578226920	3.10	0 1-	2ACSR	0	0	1431	175	0	0	0	0.00	1.47	0
CO1041925429	CO578226920	3.10	1 1-	2ACSR	0	0	1431	175	10	1	1	0.00	1.47	0
CO8804	CO8870	2.81	1 1-	4ACSR	0	0	1552	176	13	1	1	0.00	1.35	0
OC-715633693	CO8804	2.81	0 1-	20 N FUSE	0	0	1552	176	0	0	0	0.00	1.35	0
CO8803+	CO8869	2.58	1 1-	4ACSR	0	0	1744	340	9	0	0	0.00	0.48	0
OC737288842+	CO8803	2.58	0 1-	20 N FUSE	0	0	1744	340	0	0	0	0.00	0.48	0
CO8798+	CO8863	2.00	1 1-	4ACSR	0	0	1893	343	2	0	0	0.00	0.38	0
OC772437314+	CO8798	2.00	0 1-	20 N FUSE	0	0	1893	343	0	0	0	0.00	0.38	0
CO9113+	CO9087	1.14	51 1-	2ACSR	0	0	2166	348	346	23	13	0.00	0.24	0
OC233+	CO9113	1.14	51 1-	70 E OCR	0	0	2166	348	346	23	33	0.00	0.24	0
CO9114+	OC233	1.15	51 1-	2ACSR	0	0	2158	348	346	23	13	0.01	0.25	3
CO8855+	CO9114	1.21	51 1-	2ACSR	0	0	2128	347	346	23	13	0.02	0.27	11
CO9118+	CO8855	1.34	49 1-	2ACSR	0	0	2063	345	341	22	13	0.05	0.31	24
CO8820+	CO9118	1.44	2 1-	4ACSR	0	0	2012	343	16	1	1	0.00	0.31	0
CO9079+	CO9118	1.43	47 1-	2ACSR	0	0	2022	343	324	21	12	0.03	0.34	14
CO9078+	CO9079	1.49	46 1-	2ACSR	0	0	1994	342	315	21	12	0.02	0.36	10
CO8824+	CO9078	1.55	2 1-	4ACSR	0	0	1959	341	19	1	1	0.00	0.36	0
CO9077+	CO9078	1.63	44 1-	2ACSR	0	0	1930	340	296	19	11	0.04	0.40	20
CO9521+	CO9077	1.69	44 1-	2ACSR	0	0	1903	339	296	19	11	0.02	0.42	8
CO9522+	CO9521	1.97	44 1-	2ACSR	0	0	1786	335	296	19	11	0.09	0.51	40
CO9589+	CO9522	1.99	1 1-	2ACSR	0	0	1778	335	4	0	0	0.00	0.51	0
CO9588+	CO9589	2.08	1 1-	2ACSR	0	0	1745	334	4	0	0	0.00	0.51	0
CO17111+	CO9522	2.11	43 1-	2ACSR	0	0	1734	333	292	19	11	0.04	0.55	18
CO8970+	CO17111	2.14	43 1-	2ACSR	0	0	1721	333	292	19	11	0.01	0.56	5
CO8972+	CO8970	2.20	42 1-	2ACSR	0	0	1700	332	282	19	11	0.02	0.58	7
CO8971+	CO8972	2.23	41 1-	2ACSR	0	0	1690	332	275	18	10	0.01	0.58	3
CO8974+	CO8971	2.31	40 1-	2ACSR	0	0	1662	331	264	17	10	0.02	0.60	9
CO62254133+	CO8974	2.33	3 1-	2ACSR	0	0	1654	330	27	1	1	0.00	0.61	0
CO869984818+	CO62254133	2.37	2 1-	2ACSR	0	0	1641	330	17	1	1	0.00	0.61	0
CO174307205+	CO869984818	2.56	2 1-	2ACSR	0	0	1577	327	17	1	1	0.00	0.61	0
CO-771909715+	CO62254133	2.39	1 1-	2ACSR	0	0	1632	329	10	0	0	0.00	0.61	0
CO8973+	CO8974	2.47	37 1-	2ACSR	0	0	1607	328	237	15	9	0.04	0.64	14
CO8975+	CO8973	2.63	35 1-	2ACSR	0	0	1553	326	228	15	9	0.04	0.68	13
CO8977+	CO8975	2.71	33 1-	2ACSR	0	0	1529	325	221	14	8	0.02	0.70	6
CO8976+	CO8977	2.80	33 1-	2ACSR	0	0	1503	324	221	14	8	0.02	0.72	6

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17008+	CO8976	2.88	1 1-	6ACWC	0	0	1474	322	5	0	0	0.00	0.72	0
CO8979+	CO8976	2.89	30 1-	2ACSR	0	0	1474	322	200	13	7	0.02	0.74	6
CO8978+	CO8979	2.94	29 1-	2ACSR	0	0	1461	322	200	13	7	0.01	0.75	3
CO16988+	CO8978	3.05	0 1-	6ACWC	0	0	1426	320	0	0	0	0.00	0.75	0
CO8981+	CO8978	2.96	26 1-	2ACSR	0	0	1457	321	188	12	7	0.00	0.75	0
CO8980+	CO8981	2.97	26 1-	2ACSR	0	0	1453	321	188	12	7	0.00	0.75	0
CO17290+	CO8980	3.08	24 1-	2ACSR	0	0	1424	320	176	11	7	0.02	0.77	5
CO17289+	CO17290	3.08	22 1-	2ACSR	0	0	1422	320	167	11	6	0.00	0.77	0
CO2148+	CO17289	3.10	20 1-	2ACSR	0	0	1416	320	152	10	6	0.00	0.78	0
CO2149+	CO2148	3.17	20 1-	2ACSR	0	0	1399	319	152	10	6	0.01	0.79	2
CO8226+	CO2149	3.24	7 1-	4ACSR	0	0	1377	317	65	4	3	0.01	0.79	0
CO1329+	CO8226	3.28	2 1-	2ACSR	0	0	1366	317	18	1	1	0.00	0.79	0
CO1427+	CO8226	3.26	4 1-	2ACSR	0	0	1372	317	30	2	1	0.00	0.79	0
CO1428+	CO1427	3.29	4 1-	2ACSR	0	0	1363	317	30	2	1	0.00	0.80	0
CO1429+	CO1428	3.31	2 1-	2ACSR	0	0	1358	316	15	1	1	0.00	0.80	0
CO1426+	CO8226	3.27	1 1-	4ACSR	0	0	1366	317	17	1	1	0.00	0.79	0
CO2270+	CO2149	3.26	13 1-	2ACSR	0	0	1375	317	87	5	3	0.01	0.80	0
CO2269+	CO2270	3.34	13 1-	2ACSR	0	0	1356	316	87	5	3	0.01	0.80	0
CO2058+	CO2269	3.38	11 1-	2ACSR	0	0	1346	316	65	4	2	0.00	0.80	0
CO2132+	CO2058	3.41	9 1-	2ACSR	0	0	1338	315	57	3	2	0.00	0.81	0
CO2133+	CO2132	3.46	9 1-	2ACSR	0	0	1326	315	57	3	2	0.00	0.81	0
CO2134+	CO2133	3.56	7 1-	2ACSR	0	0	1304	314	49	3	2	0.00	0.81	0
CO2057+	CO2134	3.64	3 1-	6ACWC	0	0	1280	312	18	1	1	0.00	0.82	0
CO2370+	CO2057	3.65	0 1-	6ACWC	0	0	1278	312	0	0	0	0.00	0.82	0
CO2194+	CO2057	3.69	3 1-	6ACWC	0	0	1267	311	18	1	1	0.00	0.82	0
CO2193+	CO2194	3.73	3 1-	6ACWC	0	0	1257	310	18	1	1	0.00	0.82	0
CO2192+	CO2193	3.77	2 1-	6ACWC	0	0	1245	310	8	0	0	0.00	0.82	0
CO2196+	CO2134	3.69	2 1-	6ACWC	0	0	1267	311	18	1	1	0.00	0.82	0
CO2198+	CO2196	3.75	2 1-	6ACWC	0	0	1251	310	18	1	1	0.00	0.82	0
CO2197+	CO2198	3.80	1 1-	6ACWC	0	0	1239	309	10	0	0	0.00	0.82	0
CO2195+	CO2196	3.76	0 1-	6ACWC	0	0	1247	310	0	0	0	0.00	0.82	0
CO2045+	CO2134	3.73	2 1-	2ACSR	0	0	1265	311	13	0	0	0.00	0.81	0
CO2104+	CO2058	3.41	2 1-	4ACSR	0	0	1336	315	8	0	0	0.00	0.80	0
CO-399594315+	CO2104	3.49	1 1-	2ACSR	0	0	1316	314	0	0	0	0.00	0.80	0
CO2073+	CO2269	3.39	1 1-	4ACSR	0	0	1339	315	9	0	0	0.00	0.80	0
CO2102+	CO17289	3.12	2 1-	4ACSR	0	0	1408	319	15	0	1	0.00	0.77	0
CO8821+	CO8980	3.00	1 1-	4ACSR	0	0	1441	321	10	0	1	0.00	0.75	0
CO8830+	CO9079	1.45	1 1-	2ACSR	0	0	2012	343	9	0	0	0.00	0.34	0
CO8828+	CO8855	1.27	2 1-	4ACSR	0	0	2094	345	6	0	0	0.00	0.27	0
CO8794+	CO8751	1.10	3 1-	4ACSR	0	0	2165	347	11	0	1	0.00	0.22	0
OC-1338891559+	CO8794	1.10	0 1-	20 N FUSE	0	0	2165	347	0	0	0	0.00	0.22	0
CO8793+	CO8854	0.99	1 1-	4ACSR	0	0	2211	348	6	0	0	0.00	0.20	0
OC556730417+	CO8793	0.99	0 1-	20 N FUSE	0	0	2211	348	0	0	0	0.00	0.20	0
CO9056+	CO9117	0.18	2 1-	4ACSR	0	0	2540	351	3	0	0	0.00	0.03	0
OC-768641659+	CO9056	0.18	0 1-	20 N FUSE	0	0	2540	351	0	0	0	0.00	0.03	0
CO9057+	OC-768641659	0.24	0 1-	4ACSR	0	0	2492	350	0	0	0	0.00	0.03	0
CO8784+	CO9123	0.07	0 1-	4ACSR	0	0	2588	352	0	0	0	0.00	0.00	0
CO9122+	CO9120	0.01	959 3-	750 MCM - 42 Wi	2421	2623	2635	353	4858	107	9	0.00	0.00	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
Sharpsburg+	CO9122	0.01	952 3-	560 200WVE	2421	2623	2635	353	4836	106	19	0.00	0.00	0
CO8834+	Sharpsburg	0.04	952 3-	336ACSR	2414	2610	2622	353	4836	106	21	0.01	0.01	52
CO8835+	CO8834	0.07	952 3-	336ACSR	2405	2594	2606	353	4836	106	21	0.01	0.02	64
CO8841+	CO8835	0.17	4 1-	4ACSR	0	0	2533	351	19	1	1	0.00	0.02	0
CO8842+	CO8841	0.23	4 1-	4ACSR	0	0	2482	349	19	1	1	0.00	0.02	0
CO8846+	CO8842	0.39	4 1-	4ACSR	0	0	2362	346	19	1	1	0.00	0.03	0
CO8847+	CO8846	0.54	3 1-	4ACSR	0	0	2253	342	14	0	1	0.00	0.03	0
CO8843+	CO8847	0.59	2 1-	4ACSR	0	0	2215	341	5	0	0	0.00	0.03	0
CO8844+	CO8843	0.61	1 1-	4ACSR	0	0	2202	341	1	0	0	0.00	0.03	0
CO8845+	CO8844	0.68	1 1-	4ACSR	0	0	2153	339	1	0	0	0.00	0.03	0
CO8737+	CO8835	0.17	948 3-	336ACSR	2377	2546	2557	352	4817	106	21	0.03	0.05	206
CO2117454092+	CO8737	0.19	0 1-	2ACSR	0	0	2545	352	0	0	0	0.00	0.05	0
OC722619903+	CO2117454092	0.19	0 1-	20 N FUSE	0	0	2545	352	0	0	0	0.00	0.05	0
CO9060+	CO8737	0.27	945 3-	336ACSR	2352	2503	2513	352	4801	106	20	0.03	0.08	190
CO9062+	CO9060	0.32	944 3-	336ACSR	2339	2481	2489	352	4792	106	20	0.01	0.09	103
CO9063+	CO9062	0.35	942 3-	336ACSR	2331	2467	2475	351	4782	105	20	0.01	0.10	62
CO9066+	CO9063	0.40	942 3-	336ACSR	2318	2446	2453	351	4782	105	20	0.01	0.11	102
CO9068+	CO9066	0.45	942 3-	336ACSR	2306	2426	2432	351	4782	105	20	0.01	0.13	94
CO9069+	CO9068	0.57	942 3-	336ACSR	2276	2379	2382	350	4781	105	20	0.03	0.16	236
CO8739+	CO9069	0.71	7 1-	4ACSR	0	0	2287	347	28	1	1	0.01	0.17	0
OC2023015202+	CO8739	0.71	7 1-	20 N FUSE	0	0	2287	347	28	1	9	0.00	0.17	0
CO9003+	OC2023015202	0.77	1 1-	4ACSR	0	0	2250	346	7	0	0	0.00	0.17	0
CO9004+	CO9003	0.85	0 1-	4ACSR	0	0	2196	344	0	0	0	0.00	0.17	0
CO9001+	OC2023015202	0.79	4 1-	4ACSR	0	0	2232	345	16	1	1	0.00	0.17	0
OC-2094851269+	CO9001	0.79	2 1-	20 N FUSE	0	0	2232	345	7	0	2	0.00	0.17	0
CO9002+	OC-2094851269	0.86	2 1-	4ACSR	0	0	2186	344	7	0	0	0.00	0.17	0
CO8999+	OC2023015202	0.78	2 1-	4ACSR	0	0	2241	346	5	0	0	0.00	0.17	0
CO9000+	CO8999	0.83	1 1-	4ACSR	0	0	2210	345	2	0	0	0.00	0.17	0
CO9005+	CO9069	0.77	935 3-	336ACSR	2227	2304	2300	350	4752	105	20	0.06	0.22	402
CO9006+	CO9005	0.96	935 3-	336ACSR	2183	2239	2230	349	4750	105	20	0.05	0.27	371
CO8777+	CO9006	1.01	1 1-	336 MCM ACSR 30	0	0	2211	349	8	0	0	0.00	0.27	0
OC1915880847+	CO8777	1.01	0 1-	20 N FUSE	0	0	2211	349	0	0	0	0.00	0.27	0
CO9007+	CO9006	1.03	933 3-	336ACSR	2168	2217	2206	348	4740	104	20	0.02	0.29	132
CO9008+	CO9007	1.09	933 3-	336ACSR	2154	2198	2184	348	4739	104	20	0.02	0.31	119
CO-1130140936+	CO9008	1.13	1 1-	2ACSR	0	0	2161	347	17	1	1	0.00	0.31	0
CO9009+	CO9008	1.15	931 3-	336ACSR	2140	2178	2162	348	4704	104	20	0.02	0.33	126
CO9010+	CO9009	1.22	930 3-	336ACSR	2126	2158	2139	348	4700	104	20	0.02	0.35	128
CO8738+	CO9010	1.48	927 3-	336ACSR	2071	2083	2055	346	4687	103	20	0.07	0.42	502
CO9095+	CO8738	1.49	13 1-	6ACWC	0	0	2051	346	30	2	1	0.00	0.42	0
OC224+	CO9095	1.49	13 1-	50 E OCR	0	0	2051	346	30	2	4	0.00	0.42	0
CO9096+	OC224	1.58	13 1-	6ACWC	0	0	2001	344	30	2	1	0.00	0.42	0
CO9018+	CO9096	1.66	12 1-	6ACWC	0	0	1965	343	26	1	1	0.00	0.42	0
CO9019+	CO9018	1.81	12 1-	6ACWC	0	0	1890	339	26	1	1	0.01	0.43	0
CO9020+	CO9019	1.89	11 1-	6ACWC	0	0	1848	338	25	1	1	0.00	0.43	0
CO9021+	CO9020	2.01	10 1-	6ACWC	0	0	1794	335	23	1	1	0.00	0.44	0
CO9022+	CO9021	2.05	8 1-	6ACWC	0	0	1772	334	22	1	1	0.00	0.44	0
CO9023+	CO9022	2.11	8 1-	6ACWC	0	0	1747	333	22	1	1	0.00	0.44	0
CO8746+	CO9023	2.30	5 1-	6ACWC	0	0	1664	329	22	1	1	0.01	0.45	0
CO9028+	CO8746	2.35	3 1-	6ACWC	0	0	1641	328	10	0	0	0.00	0.45	0
CO9029+	CO9028	2.44	2 1-	6ACWC	0	0	1607	326	10	0	0	0.00	0.45	0
CO9030+	CO9029	2.72	1 1-	6ACWC	0	0	1498	321	9	0	0	0.00	0.45	0

Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9026+	CO8746	2.32	2 1-	6ACWC	0	0	1657	329	12	0	1	0.00	0.45	0
CO9027+	CO9026	2.34	1 1-	6ACWC	0	0	1647	328	4	0	0	0.00	0.45	0
CO9024+	CO9023	2.20	3 1-	6ACWC	0	0	1708	331	0	0	0	0.00	0.44	0
CO9025+	CO9024	2.24	2 1-	6ACWC	0	0	1688	330	0	0	0	0.00	0.44	0
CO9011+	CO8738	1.59	2 1-	336 MCM ACSR 30	0	0	2023	346	4	0	0	0.00	0.42	0
OC120937976+	CO9011	1.59	2 1-	20 N FUSE	0	0	2023	346	4	0	1	0.00	0.42	0
CO9012+	OC120937976	1.67	1 1-	336 MCM ACSR 30	0	0	2000	346	0	0	0	0.00	0.42	0
CO8778+	OC120937976	1.65	1 1-	336 MCM ACSR 30	0	0	2006	346	4	0	0	0.00	0.42	0
CO9013+	CO8738	1.65	911 3-	336ACSR	2036	2037	2002	346	4648	103	20	0.05	0.46	327
CO9014+	CO9013	1.98	911 3-	336ACSR	1973	1957	1911	344	4646	103	20	0.09	0.55	611
CO8831+	CO9014	2.06	6 1-	336 MCM ACSR 30	0	0	1889	344	26	1	0	0.00	0.55	0
OC1070771909+	CO8831	2.06	4 1-	20 N FUSE	0	0	1889	344	26	1	9	0.00	0.55	0
CO8832+	OC1070771909	2.12	4 1-	336 MCM ACSR 30	0	0	1874	344	26	1	0	0.00	0.55	0
CO8833+	CO8832	2.15	1 1-	336 MCM ACSR 30	0	0	1868	343	13	0	0	0.00	0.55	0
CO9015+	CO9014	2.05	903 3-	336ACSR	1959	1939	1891	344	4603	102	20	0.02	0.57	140
CO9016+	CO9015	2.13	902 3-	336ACSR	1945	1922	1871	343	4577	101	20	0.02	0.59	139
CO730725189+	CO9016	2.17	902 3-	2ACSR	1934	1907	1855	343	4576	101	56	0.05	0.64	390
CO-1590714796+	CO730725189	2.23	901 3-	2ACSR	1916	1886	1830	342	4557	101	56	0.08	0.72	585
CO8779+	CO-1590714796	2.27	1 1-	336 MCM ACSR 30	0	0	1822	342	3	0	0	0.00	0.72	0
OC1161332238+	CO8779	2.27	0 1-	20 N FUSE	0	0	1822	342	0	0	0	0.00	0.72	0
CO16986+	CO-1590714796	2.29	900 3-	336ACSR	1906	1873	1816	342	4551	101	19	0.02	0.74	103
CO9275+	CO16986	2.32	898 3-	336ACSR	1901	1868	1809	342	4544	100	19	0.01	0.74	52
CO9184+	CO9275	2.37	2 1-	2ACSR	0	0	1790	341	6	0	0	0.00	0.74	0
OC-450247408+	CO9184	2.37	0 1-	20 N FUSE	0	0	1790	341	0	0	0	0.00	0.74	0
CO9274+	CO9275	2.35	896 3-	336ACSR	1895	1860	1801	341	4538	100	19	0.01	0.75	63
CO9273+	CO9274	2.37	895 3-	336ACSR	1892	1856	1796	341	4531	100	19	0.01	0.76	35
CO9272+	CO9273	2.43	891 3-	336ACSR	1882	1845	1784	341	4521	100	19	0.01	0.77	96
CO9151+	CO9272	2.50	847 3-	336ACSR	1870	1831	1767	341	4335	96	19	0.02	0.79	116
CO9181+	CO9151	2.53	4 1-	4ACSR	0	0	1754	340	11	0	1	0.00	0.79	0
OC-1431587565+	CO9181	2.53	0 1-	20 N FUSE	0	0	1754	340	0	0	0	0.00	0.79	0
CO9150+	CO9151	2.73	843 3-	336ACSR	1832	1785	1715	340	4324	96	19	0.06	0.85	384
CO9147+	CO9150	2.75	829 3-	336ACSR	1828	1782	1711	340	4278	95	18	0.00	0.85	30
CO9148+	CO9147	2.85	824 3-	336ACSR	1812	1763	1688	339	4269	94	18	0.03	0.88	167
CO9320+	CO9148	2.90	0 3-	2ACSR	1799	1748	1672	338	0	0	0	0.00	0.88	0
CO9321+	CO9320	2.91	0 3-	2ACSR	1797	1746	1669	338	0	0	0	0.00	0.88	0
SW247-A+	CO9321	2.91	0 3-	Open	1797	1746	1669	338	0	0	0	0.00	0.88	0
CO9149+	CO9148	3.01	824 3-	336ACSR	1787	1734	1655	338	4269	94	18	0.04	0.92	256
CO9264+	CO9149	3.04	824 3-	336ACSR	1783	1730	1650	338	4267	94	18	0.01	0.92	38
CO9265+	CO9264	3.31	824 3-	336ACSR	1742	1684	1597	337	4267	94	18	0.07	0.99	434
FD2048455405+	CO9265	3.31	823 3-	_DefaultBayEqui	1742	1684	1597	337	4264	94	0	0.00	0.99	0
CO9263+	FD2048455405	3.49	823 3-	336ACSR	1716	1655	1564	336	4264	94	18	0.04	1.03	286
OC2048455405+	CO9263	3.49	816 3-	20 N FUSE	1716	1655	1564	336	4201	93	467	0.00	1.03	0
CO9142+	OC2048455405	3.61	816 3-	336ACSR	1699	1635	1542	336	4201	93	18	0.03	1.06	192
CO9143+	CO9142	3.68	814 3-	336ACSR	1690	1625	1531	335	4195	93	18	0.02	1.08	101
CO9255+	CO9143	3.69	807 3-	336ACSR	1688	1624	1528	335	4176	92	18	0.00	1.08	19
CO9256+	CO9255	3.70	807 3-	336ACSR	1687	1622	1526	335	4176	92	18	0.00	1.08	17
CO9185+	CO9256	3.80	1 1-	2ACSR	0	0	1500	334	13	0	0	0.00	1.08	0
OC-1158191892+	CO9185	3.80	0 1-	20 N FUSE	0	0	1500	334	0	0	0	0.00	1.08	0
CO9254+	CO9256	3.77	806 3-	336ACSR	1677	1611	1514	335	4163	92	18	0.02	1.10	111
CO9253+	CO9254	3.84	805 3-	336ACSR	1668	1601	1502	335	4160	92	18	0.02	1.12	104
CO9252+	CO9253	3.94	803 3-	336ACSR	1655	1587	1486	334	4152	92	18	0.02	1.14	146
CO9251+	CO9252	4.08	800 3-	336ACSR	1636	1567	1463	334	4136	92	18	0.03	1.17	215

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-2004579120+	CO9251	4.17	1 1-	2ACSR	0	0	1441	332	11	0	0	0.00	1.17	0
OC1570515726+	CO-2004579120	4.17	0 1-	20 N FUSE	0	0	1441	332	0	0	0	0.00	1.17	0
CO9247+	CO9251	4.10	796 3-	336ACSR	1633	1564	1460	333	4115	91	18	0.01	1.18	32
CO9248+	CO9247	4.14	795 3-	336ACSR	1628	1558	1453	333	4106	91	18	0.01	1.19	62
CO9290+	CO9248	4.22	793 3-	336ACSR	1618	1547	1442	333	4099	91	18	0.02	1.20	113
CO9291+	CO9290	4.24	792 3-	336ACSR	1615	1544	1437	333	4099	91	18	0.01	1.21	39
CO9245+	CO9291	4.31	1 1-	336 MCM ACSR 30	0	0	1428	332	9	0	0	0.00	1.21	0
OC-2079001619+	CO9245	4.31	1 1-	20 N FUSE	0	0	1428	332	9	0	3	0.00	1.21	0
CO9246+	OC-2079001619	4.35	1 1-	336 MCM ACSR 30	0	0	1421	332	9	0	0	0.00	1.21	0
CO9244+	CO9246	4.39	1 1-	336 MCM ACSR 30	0	0	1417	332	9	0	0	0.00	1.21	0
CO9243+	CO9291	4.33	791 3-	336ACSR	1604	1533	1425	332	4089	91	18	0.02	1.23	122
CO16998+	CO9243	4.49	790 3-	336ACSR	1584	1511	1400	332	4083	90	18	0.04	1.27	244
CO9791+	CO16998	4.54	503 3-	1/0ACSR	1575	1502	1390	331	2637	58	26	0.02	1.29	97
CO9792+	CO9791	4.59	501 3-	1/0ACSR	1567	1493	1381	331	2633	58	26	0.02	1.31	91
CO9795+	CO9792	4.70	495 3-	1/0ACSR	1548	1473	1359	330	2609	58	25	0.05	1.36	216
CO2103781703+	CO9795	4.75	1 1-	2ACSR	0	0	1348	329	4	0	0	0.00	1.36	0
OC-1710072388+	CO2103781703	4.75	0 1-	20 N FUSE	0	0	1348	329	0	0	0	0.00	1.36	0
CO9796+	CO9795	4.84	493 3-	1/0ACSR	1524	1448	1331	328	2596	58	25	0.07	1.43	275
CO9711+	CO9796	4.92	485 3-	1/0ACSR	1510	1435	1316	327	2547	56	25	0.04	1.46	149
CO9804+	CO9711	4.93	483 3-	1/0ACSR	1508	1433	1314	327	2535	56	25	0.00	1.47	20
CO9805+	CO9804	4.97	481 3-	1/0ACSR	1502	1427	1308	327	2528	56	25	0.02	1.48	66
CO9712+	CO9805	5.07	476 3-	1/0ACSR	1487	1411	1290	326	2504	55	24	0.04	1.53	174
CO9713+	CO9712	5.13	469 3-	1/0ACSR	1476	1400	1278	325	2470	55	24	0.03	1.56	114
CO9811+	CO9713	5.19	469 3-	1/0ACSR	1467	1391	1268	325	2469	55	24	0.03	1.58	104
CO9755+	CO9811	5.27	2 1-	1/0ACSR	0	0	1255	324	4	0	0	0.00	1.58	0
OC1973558771+	CO9755	5.27	0 1-	20 N FUSE	0	0	1255	324	0	0	0	0.00	1.58	0
CO9812+	CO9811	5.25	464 3-	1/0ACSR	1458	1382	1258	324	2446	54	24	0.03	1.61	100
CO9813+	CO9812	5.28	464 3-	1/0ACSR	1452	1376	1252	324	2446	54	24	0.02	1.62	61
CO9714+	CO9813	5.34	461 3-	1/0ACSR	1443	1367	1242	323	2442	54	24	0.03	1.65	102
CO9752+	CO9714	5.39	1 1-	4ACSR	0	0	1231	322	3	0	0	0.00	1.65	0
OC1940374800+	CO9752	5.39	0 1-	20 N FUSE	0	0	1231	322	0	0	0	0.00	1.65	0
CO9816+	CO9714	5.51	460 3-	1/0ACSR	1418	1342	1215	321	2438	54	24	0.07	1.72	273
CO9815+	CO9816	5.56	457 3-	1/0ACSR	1411	1335	1207	321	2408	53	23	0.02	1.74	82
CO9935+	CO9815	5.60	0 3-	1/0ACSR	1404	1328	1200	320	0	0	0	0.00	1.74	0
#SW268-B+	CO9935	5.60	0 3-	Open	1404	1328	1200	320	0	0	0	0.00	1.74	0
CO9863+	CO9815	5.74	454 3-	4/0ACSR	1389	1313	1183	320	2386	53	16	0.04	1.78	153
CO9864+	CO9863	5.78	453 3-	4/0ACSR	1384	1308	1178	320	2374	53	16	0.01	1.79	32
CO9862+	CO9864	5.89	450 3-	4/0ACSR	1372	1296	1166	319	2365	52	16	0.02	1.81	83
CO9932+	CO9862	5.89	448 3-	750 MCM - 42 Wi	1372	1296	1165	319	2344	52	5	0.00	1.81	0
OC267+	CO9932	5.89	420 3-	100 E OCR	1372	1296	1165	319	2201	49	49	0.00	1.81	0
CO9892+	OC267	5.97	420 3-	4/0ACSR	1363	1287	1155	318	2201	49	14	0.02	1.82	56
CO9893+	CO9892	6.06	420 3-	4/0ACSR	1353	1277	1145	318	2200	49	14	0.02	1.84	61
CO9894+	CO9893	6.20	420 3-	4/0ACSR	1337	1262	1129	317	2200	49	14	0.03	1.87	99
CO9895+	CO9894	6.33	420 3-	4/0ACSR	1323	1248	1114	316	2200	49	14	0.03	1.90	93
CO-1633819878+	CO9895	6.39	1 1-	2ACSR	0	0	1105	315	10	0	0	0.00	1.90	0
CO9896+	CO9895	6.41	418 3-	4/0ACSR	1315	1239	1105	316	2182	48	14	0.02	1.91	55
CO9897+	CO9896	6.48	418 3-	4/0ACSR	1307	1232	1097	315	2181	48	14	0.01	1.93	49
CO9726+	CO9897	6.59	1 1-	4/0ACSR	0	0	1086	315	0	0	0	0.00	1.93	0
CO9699+	CO9897	6.58	416 3-	4/0ACSR	1298	1222	1087	315	2175	48	14	0.02	1.94	65
CO9700+	CO9699	6.74	413 3-	4/0ACSR	1281	1206	1070	314	2169	48	14	0.03	1.98	111
CO9901+	CO9700	6.85	2 1-	4/0ACSR	0	0	1059	313	4	0	0	0.00	1.98	0
OC525484232+	CO9901	6.85	0 1-	20 N FUSE	0	0	1059	313	0	0	0	0.00	1.98	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9902+	OC525484232	6.91	0 1-	4/0ACSR	0	0	1053	313	0	0	0	0.00	1.98	0
CO9701+	CO9700	6.84	410 3-	4/0ACSR	1272	1197	1060	313	2156	48	14	0.02	1.99	64
CO9727+	CO9701	6.91	1 1-	4/0ACSR	0	0	1053	313	13	0	0	0.00	1.99	0
OC666808362+	CO9727	6.91	0 1-	20 N FUSE	0	0	1053	313	0	0	0	0.00	1.99	0
CO9702+	CO9701	7.03	409 3-	4/0ACSR	1253	1179	1041	312	2143	48	14	0.04	2.03	126
CO9903+	CO9702	7.17	409 3-	4/0ACSR	1240	1166	1027	311	2142	48	14	0.03	2.06	94
CO9904+	CO9903	7.29	409 3-	4/0ACSR	1229	1155	1016	310	2142	48	14	0.02	2.08	79
CO9760+	CO9904	7.34	2 1-	2ACSR	0	0	1010	310	12	0	0	0.00	2.08	0
OC-1097124239+	CO9760	7.34	0 1-	20 N FUSE	0	0	1010	310	0	0	0	0.00	2.08	0
CO9905+	CO9904	7.36	407 3-	4/0ACSR	1222	1148	1009	310	2129	47	14	0.01	2.10	50
CO9906+	CO9905	7.45	406 3-	4/0ACSR	1214	1141	1002	310	2119	47	14	0.02	2.11	54
CO9907+	CO9906	7.65	405 3-	4/0ACSR	1197	1124	984	308	2116	47	14	0.04	2.15	128
CO9930+	CO9907	7.65	6 1-	4ACSR	0	0	983	308	42	2	2	0.00	2.15	0
OC262+	CO9930	7.65	6 1-	10 N FUSE	0	0	983	308	42	2	29	0.00	2.15	0
CO9931+	OC262	7.86	6 1-	4ACSR	0	0	954	304	42	2	2	0.01	2.16	0
CO17013+	CO9931	7.92	1 1-	4ACSR	0	0	945	303	9	0	0	0.00	2.16	0
CO9915+	CO9931	7.95	3 1-	4ACSR	0	0	941	303	22	1	1	0.00	2.16	0
CO9916+	CO9915	8.04	2 1-	4ACSR	0	0	928	301	10	0	0	0.00	2.17	0
CO9914+	CO9931	7.89	2 1-	4ACSR	0	0	949	304	11	0	1	0.00	2.16	0
CO9913+	CO9914	7.92	2 1-	4ACSR	0	0	946	303	11	0	1	0.00	2.16	0
CO9912+	CO9913	7.96	1 1-	4ACSR	0	0	939	303	9	0	0	0.00	2.16	0
CO9911+	CO9912	7.99	1 1-	4ACSR	0	0	935	302	9	0	0	0.00	2.16	0
CO9917+	CO9907	7.70	396 3-	4/0ACSR	1192	1119	979	308	2073	46	14	0.01	2.16	37
CO9918+	CO9917	7.74	395 3-	4/0ACSR	1188	1115	976	308	2065	46	14	0.01	2.17	23
CO9919+	CO9918	7.83	394 3-	4/0ACSR	1180	1108	968	307	2053	46	14	0.02	2.18	56
CO9922+	CO9919	8.01	390 3-	4/0ACSR	1166	1094	953	306	2049	46	14	0.03	2.21	106
CO9759+	CO9922	8.06	1 1-	2ACSR	0	0	947	306	8	0	0	0.00	2.22	0
OC-2048556001+	CO9759	8.06	0 1-	20 N FUSE	0	0	947	306	0	0	0	0.00	2.22	0
CO9923+	CO9922	8.03	389 3-	4/0ACSR	1164	1092	952	306	2041	45	13	0.00	2.22	11
CO9924+	CO9923	8.09	302 3-	4/0ACSR	1159	1087	946	306	1506	33	10	0.01	2.23	22
OC-447137113+	CO9924	8.09	301 3-	20 N FUSE	1159	1087	946	306	1497	33	168	0.00	2.23	0
CO9925+	OC-447137113	8.18	301 3-	4/0ACSR	1152	1080	940	305	1497	33	10	0.01	2.24	27
CO17015+	CO9925	8.38	300 3-	4/0ACSR	1136	1065	924	304	1493	33	10	0.02	2.26	65
CO10839+	CO17015	8.47	0 1-	4/0ACSR	0	0	917	303	0	0	0	0.00	2.26	0
CO10945+	CO17015	8.49	300 3-	4/0ACSR	1127	1056	915	303	1493	33	10	0.01	2.27	35
CO10946+	CO10945	8.57	298 3-	4/0ACSR	1121	1050	909	303	1483	33	10	0.01	2.28	27
CO10816+	CO10946	8.63	291 3-	4/0ACSR	1116	1046	905	303	1463	32	10	0.01	2.29	18
CO10840+	CO10816	8.69	1 1-	4/0ACSR	0	0	900	302	4	0	0	0.00	2.29	0
OC-484437041+	CO10840	8.69	0 1-	20 N FUSE	0	0	900	302	0	0	0	0.00	2.29	0
CO10927+	CO10816	8.76	290 3-	4/0ACSR	1107	1037	896	302	1459	32	10	0.01	2.30	39
CO10848+	CO10927	8.86	1 1-	2ACSR	0	0	885	300	7	0	0	0.00	2.30	0
OC958034250+	CO10848	8.86	0 1-	20 N FUSE	0	0	885	300	0	0	0	0.00	2.30	0
CO10928+	CO10927	8.83	289 3-	4/0ACSR	1102	1032	890	301	1452	32	10	0.01	2.31	22
CO17115+	CO10928	9.01	288 3-	4/0ACSR	1088	1018	877	300	1446	32	10	0.02	2.33	56
CO1625430347+	CO17115	9.04	286 3-	2ACSR	1085	1016	875	300	1426	32	18	0.01	2.34	22
CO1115759780+	CO1625430347	9.10	285 3-	2ACSR	1079	1011	869	299	1426	32	18	0.02	2.36	56
CO11255+	CO1115759780	9.15	8 1-	4ACSR	0	0	863	298	23	1	1	0.00	2.37	0
OC1648905508+	CO11255	9.15	6 1-	20 N FUSE	0	0	863	298	19	1	6	0.00	2.37	0
CO11256+	OC1648905508	9.17	6 1-	4ACSR	0	0	861	298	19	1	1	0.00	2.37	0
CO17053+	CO11256	9.24	5 1-	4/0ACSR	0	0	856	298	14	0	0	0.00	2.37	0
CO10884+	CO17053	9.30	3 1-	4/0ACSR	0	0	852	297	7	0	0	0.00	2.37	0
CO10885+	CO10884	9.43	2 1-	4/0ACSR	0	0	844	296	4	0	0	0.00	2.37	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11186+	CO1115759780	9.23	277 3-	4/0ACSR	1070	1001	860	299	1403	31	9	0.01	2.38	38
CO11259+	CO11186	9.26	277 3-	4/0ACSR	1067	999	858	298	1402	31	9	0.00	2.38	10
CO11260+	CO11259	9.35	277 3-	4/0ACSR	1062	994	852	298	1402	31	9	0.01	2.39	24
CO11188+	CO11260	9.46	270 3-	4/0ACSR	1054	986	845	297	1359	30	9	0.01	2.40	30
CO11265+	CO11188	9.51	2 1-	4ACSR	0	0	839	296	4	0	0	0.00	2.40	0
OC444931602+	CO11265	9.51	1 1-	20 N FUSE	0	0	839	296	0	0	0	0.00	2.40	0
CO11266+	OC444931602	9.64	1 1-	4ACSR	0	0	826	294	0	0	0	0.00	2.40	0
CO11189+	CO11188	9.84	268 3-	4/0ACSR	1029	962	821	295	1356	30	9	0.04	2.44	101
CO11200+	CO11189	9.98	0 1-	6ACWC	0	0	807	293	0	0	0	0.00	2.44	0
OC-316559953+	CO11200	9.98	0 1-	20 N FUSE	0	0	807	293	0	0	0	0.00	2.44	0
CO11270+	OC-316559953	10.05	0 1-	6ACWC	0	0	800	291	0	0	0	0.00	2.44	0
CO11271+	CO11270	10.08	0 1-	6ACWC	0	0	797	291	0	0	0	0.00	2.44	0
CO11357+	OC-316559953	9.99	0 1-	6ACWC	0	0	806	293	0	0	0	0.00	2.44	0
OC315+	CO11357	9.99	0 1-	20 N FUSE	0	0	806	293	0	0	0	0.00	2.44	0
CO11358+	OC315	10.24	0 1-	6ACWC	0	0	781	288	0	0	0	0.00	2.44	0
CO11269+	CO11358	10.29	0 1-	6ACWC	0	0	777	288	0	0	0	0.00	2.44	0
CO11268+	CO11269	10.32	0 1-	6ACWC	0	0	773	287	0	0	0	0.00	2.44	0
CO11267+	CO11268	10.42	0 1-	6ACWC	0	0	765	286	0	0	0	0.00	2.44	0
CO11230+	CO11189	9.93	0 1-	4ACSR	0	0	811	293	0	0	0	0.00	2.44	0
OC1939844840+	CO11230	9.93	0 1-	20 N FUSE	0	0	811	293	0	0	0	0.00	2.44	0
CO11190+	CO11189	9.96	268 3-	4/0ACSR	1021	955	814	294	1355	30	9	0.01	2.45	32
CO11191+	CO11190	10.07	267 3-	4/0ACSR	1014	948	807	294	1346	30	9	0.01	2.47	30
CO11352+	CO11191	10.45	11 1-	6ACWC	0	0	771	288	29	2	1	0.02	2.48	0
OC1854150139+	CO11352	10.45	11 1-	20 N FUSE	0	0	771	288	29	2	10	0.00	2.48	0
CO11353+	OC1854150139	10.62	11 1-	6ACWC	0	0	755	285	29	2	1	0.01	2.49	0
CO11343+	CO11353	10.76	10 1-	6ACWC	0	0	743	283	23	1	1	0.00	2.49	0
CO11228+	CO11343	10.89	2 1-	6ACWC	0	0	732	281	1	0	0	0.00	2.49	0
CO11198+	CO11343	10.85	8 1-	6ACWC	0	0	735	281	22	1	1	0.00	2.50	0
CO11199+	CO11198	10.91	6 1-	6ACWC	0	0	730	280	16	1	1	0.00	2.50	0
CO11344+	CO11199	11.05	5 1-	6ACWC	0	0	717	278	16	1	1	0.00	2.50	0
CO11345+	CO11344	11.15	2 1-	6ACWC	0	0	710	277	2	0	0	0.00	2.50	0
CO11346+	CO11345	11.37	2 1-	6ACWC	0	0	692	273	2	0	0	0.00	2.50	0
CO11347+	CO11346	11.38	1 1-	6ACWC	0	0	691	273	0	0	0	0.00	2.50	0
CO11348+	CO11347	11.42	1 1-	6ACWC	0	0	688	273	0	0	0	0.00	2.50	0
CO11349+	CO11348	11.44	1 1-	6ACWC	0	0	686	272	0	0	0	0.00	2.50	0
CO2085836848+	CO11349	11.74	1 1-	2ACSR	0	0	667	269	0	0	0	0.00	2.50	0
CO11226+	CO11199	11.10	1 1-	6ACWC	0	0	714	277	0	0	0	0.00	2.50	0
CO11227+	CO11198	10.94	1 1-	6ACWC	0	0	727	280	0	0	0	0.00	2.50	0
CO11192+	CO11191	10.16	256 3-	4/0ACSR	1008	943	802	293	1317	29	9	0.01	2.47	22
CO11222+	CO11192	10.24	1 1-	4ACSR	0	0	794	292	0	0	0	0.00	2.47	0
OC556623837+	CO11222	10.24	0 1-	20 N FUSE	0	0	794	292	0	0	0	0.00	2.47	0
CO11193+	CO11192	10.30	255 3-	4/0ACSR	1000	934	794	292	1317	29	9	0.01	2.49	36
CO11272+	CO11193	10.38	251 3-	4/0ACSR	995	930	789	292	1308	29	9	0.01	2.50	20
CO11273+	CO11272	10.43	251 3-	4/0ACSR	992	927	787	292	1308	29	9	0.00	2.50	12
CO11195+	CO11273	10.85	249 3-	4/0ACSR	967	903	764	289	1303	29	9	0.04	2.54	104
CO11278+	CO11195	10.97	31 3-	4/0ACSR	960	897	758	289	154	3	1	0.00	2.54	0
CO11362+	CO11278	11.07	30 1-	4/0ACSR	0	0	752	288	139	9	3	0.01	2.55	0
CO11179+	CO11362	11.10	30 1-	4ACSR	0	0	750	288	139	9	7	0.01	2.56	0
XFMR99	CO11179	11.10	30 1-	167 KVA 1PH AUT	0	0	554	165	139	9	82	0.47	3.03	0
CO11359	XFMR99	11.11	30 1-	4ACSR	0	0	554	165	139	19	14	0.01	3.04	0
OC313	CO11359	11.11	30 1-	25 H OCR	0	0	554	165	139	19	76	0.00	3.04	0
CO11360	OC313	11.13	30 1-	4ACSR	0	0	552	165	139	19	14	0.03	3.06	6

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11279	CO11360	11.40	30 1-	4ACSR	0	0	532	162	139	19	14	0.23	3.29	51
CO11174	CO11279	11.48	20 1-	4ACSR	0	0	526	161	93	12	9	0.05	3.33	7
CO11280	CO11174	11.79	19 1-	4ACSR	0	0	504	158	82	11	8	0.15	3.49	21
OC989614782	CO11280	11.79	18 1-	20 N FUSE	0	0	504	158	81	11	56	0.00	3.49	0
CO11281	OC989614782	11.91	18 1-	4ACSR	0	0	496	157	81	11	8	0.06	3.55	8
CO11282	CO11281	12.03	18 1-	4ACSR	0	0	487	156	81	11	8	0.06	3.60	7
CO11241	CO11282	12.07	2 1-	2ACSR	0	0	485	155	1	0	0	0.00	3.60	0
CO11283	CO11282	12.17	15 1-	4ACSR	0	0	477	154	71	9	7	0.06	3.67	8
CO11284	CO11283	12.52	14 1-	4ACSR	0	0	455	151	71	9	7	0.15	3.82	18
CO11175	CO11284	12.59	13 1-	4ACSR	0	0	450	151	70	9	7	0.03	3.85	4
CO11176	CO11175	12.81	11 1-	4ACSR	0	0	437	149	57	7	6	0.08	3.93	7
CO11213	CO11176	12.89	0 1-	4ACSR	0	0	432	148	0	0	0	0.00	3.93	0
CO11177	CO11176	12.87	11 1-	4ACSR	0	0	434	148	57	7	6	0.02	3.95	0
CO11290	CO11177	13.03	10 1-	4ACSR	0	0	424	147	57	7	6	0.06	4.00	5
CO11291	CO11290	13.10	9 1-	4ACSR	0	0	420	146	54	7	5	0.03	4.03	2
CO11178	CO11291	13.69	7 1-	4ACSR	0	0	389	141	54	7	5	0.20	4.22	18
CO11301	CO11178	13.96	2 1-	4ACSR	0	0	375	139	11	1	1	0.02	4.24	0
CO11302	CO11301	14.05	2 1-	4ACSR	0	0	372	139	11	1	1	0.01	4.25	0
CO11300	CO11302	14.14	2 1-	4ACSR	0	0	367	138	11	1	1	0.01	4.25	0
CO11299	CO11300	14.29	1 1-	4ACSR	0	0	361	137	11	1	1	0.00	4.26	0
CO11294	CO11178	13.75	5 1-	4ACSR	0	0	386	141	43	5	4	0.01	4.24	0
CO11295	CO11294	13.77	4 1-	4ACSR	0	0	385	141	31	4	3	0.00	4.24	0
CO713138009	CO11295	13.91	4 1-	2ACSR	0	0	379	140	31	4	2	0.02	4.26	0
CO313886258	CO713138009	13.94	1 1-	1/0PRIURD	0	0	378	248	18	2	2	0.00	4.26	0
CO835393678	CO713138009	13.97	3 1-	2ACSR	0	0	377	140	14	1	1	0.00	4.26	0
CO11240	CO835393678	14.06	2 1-	2ACSR	0	0	373	139	11	1	1	0.00	4.27	0
CO11298	CO835393678	14.03	1 1-	4ACSR	0	0	374	139	3	0	0	0.00	4.27	0
CO11296	CO11298	14.08	1 1-	4ACSR	0	0	372	139	3	0	0	0.00	4.27	0
CO11292	CO11291	13.17	2 1-	4ACSR	0	0	416	146	0	0	0	0.00	4.03	0
CO11293	CO11292	13.26	1 1-	4ACSR	0	0	412	145	0	0	0	0.00	4.03	0
CO11214	CO11292	13.22	1 1-	4ACSR	0	0	414	145	0	0	0	0.00	4.03	0
CO11212	CO11177	12.91	1 1-	4ACSR	0	0	431	148	0	0	0	0.00	3.95	0
CO11211	CO11177	13.04	0 1-	4ACSR	0	0	424	147	0	0	0	0.00	3.95	0
CO11288	CO11175	12.68	2 1-	4ACSR	0	0	445	150	13	1	1	0.01	3.86	0
CO11289	CO11288	12.69	1 1-	4ACSR	0	0	445	150	13	1	1	0.00	3.86	0
CO11287	CO11289	12.91	1 1-	4ACSR	0	0	431	148	13	1	1	0.01	3.87	0
CO11285	CO11284	12.70	1 1-	4ACSR	0	0	444	150	0	0	0	0.00	3.82	0
CO11286	CO11285	12.74	0 1-	4ACSR	0	0	442	149	0	0	0	0.00	3.82	0
CO11215	CO11174	11.55	1 1-	4ACSR	0	0	521	160	11	1	1	0.00	3.34	0
CO11169	CO11279	11.62	10 1-	4ACSR	0	0	516	160	46	6	5	0.06	3.35	5
CO11305	CO11169	11.68	1 1-	4ACSR	0	0	511	159	0	0	0	0.00	3.35	0
CO11306	CO11305	11.75	0 1-	4ACSR	0	0	506	158	0	0	0	0.00	3.35	0
CO11170	CO11169	12.04	9 1-	4ACSR	0	0	487	156	46	6	5	0.12	3.47	9
CO11171	CO11170	12.20	8 1-	4ACSR	0	0	475	154	38	5	4	0.04	3.51	2
CO11207	CO11171	12.30	1 1-	4ACSR	0	0	469	153	5	0	1	0.00	3.51	0
CO11172	CO11171	12.27	7 1-	4ACSR	0	0	471	153	33	4	3	0.01	3.52	0
CO11310	CO11172	12.36	7 1-	4ACSR	0	0	465	153	33	4	3	0.02	3.54	0
CO11311	CO11310	12.39	6 1-	4ACSR	0	0	464	152	28	3	3	0.00	3.54	0
CO11312	CO11311	12.43	5 1-	4ACSR	0	0	460	152	27	3	3	0.01	3.55	0
CO11313	CO11312	12.48	5 1-	4ACSR	0	0	457	152	27	3	3	0.01	3.56	0
OC550317404	CO11313	12.48	5 1-	20 N FUSE	0	0	457	152	27	3	19	0.00	3.56	0
CO11319	OC550317404	12.59	0 1-	4ACSR	0	0	450	151	0	0	0	0.00	3.56	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11320	CO11319	13.12	0 1-	4ACSR	0	0	419	146	0	0	0	0.00	3.56	0
CO17120	CO11320	13.55	0 1-	4ACSR	0	0	396	143	0	0	0	0.00	3.56	0
CO11497	CO17120	13.58	0 1-	4ACSR	0	0	394	142	0	0	0	0.00	3.56	0
CO11498	CO11497	13.66	0 1-	4ACSR	0	0	390	142	0	0	0	0.00	3.56	0
CO11321	CO11320	13.23	0 1-	4ACSR	0	0	413	145	0	0	0	0.00	3.56	0
CO11322	CO11321	13.40	0 1-	4ACSR	0	0	404	144	0	0	0	0.00	3.56	0
CO11173	OC550317404	12.59	5 1-	4ACSR	0	0	451	151	27	3	3	0.02	3.58	0
CO11314	CO11173	12.92	4 1-	4ACSR	0	0	431	148	23	3	2	0.05	3.62	0
CO11317	CO11314	13.11	4 1-	4ACSR	0	0	420	146	23	3	2	0.03	3.65	0
CO11318	CO11317	13.13	4 1-	4ACSR	0	0	419	146	23	3	2	0.00	3.65	0
CO11209	CO11318	13.19	0 1-	4ACSR	0	0	416	146	0	0	0	0.00	3.65	0
CO11208	CO11318	13.17	1 1-	4ACSR	0	0	416	146	12	1	1	0.00	3.66	0
CO11315	CO11318	13.32	3 1-	4ACSR	0	0	408	144	11	1	1	0.01	3.67	0
CO11316	CO11315	13.39	2 1-	4ACSR	0	0	404	144	10	1	1	0.00	3.67	0
CO11210	CO11173	12.68	1 1-	4ACSR	0	0	445	150	4	0	0	0.00	3.58	0
CO11308	CO11172	12.32	0 1-	4ACSR	0	0	468	153	0	0	0	0.00	3.52	0
CO11309	CO11308	12.36	0 1-	4ACSR	0	0	465	153	0	0	0	0.00	3.52	0
CO11307	CO11309	12.45	0 1-	4ACSR	0	0	459	152	0	0	0	0.00	3.52	0
CO11355	CO11307	12.53	0 1-	4ACSR	0	0	454	151	0	0	0	0.00	3.52	0
CO11356	CO11355	12.54	0 1-	4ACSR	0	0	454	151	0	0	0	0.00	3.52	0
CO11303	CO11170	12.20	1 1-	4ACSR	0	0	476	154	8	1	1	0.01	3.48	0
CO11304	CO11303	12.32	1 1-	4ACSR	0	0	468	153	8	1	1	0.00	3.48	0
CO11197+	CO11195	10.92	216 3-	1/0ACSR	962	899	759	289	1143	25	11	0.01	2.55	27
CO11274+	CO11197	10.94	216 3-	1/0ACSR	960	897	758	289	1142	25	11	0.00	2.56	9
CO11275+	CO11274	11.11	215 3-	1/0ACSR	948	886	747	287	1140	25	11	0.03	2.59	64
CO11225+	CO11275	11.32	0 1-	1/0ACSR	0	0	734	285	0	0	0	0.00	2.59	0
CO11276+	CO11275	11.19	215 3-	1/0ACSR	943	881	742	287	1140	25	11	0.01	2.60	29
CO11277+	CO11276	11.28	215 3-	1/0ACSR	937	875	737	286	1140	25	11	0.02	2.62	35
CO17117+	CO11277	11.35	215 3-	1/0ACSR	932	871	733	285	1140	25	11	0.01	2.63	27
CO10983+	CO17117	11.45	215 3-	1/0ACSR	925	865	727	284	1140	25	11	0.02	2.65	38
CO10859+	CO10983	11.51	215 3-	1/0ACSR	922	861	723	284	1140	25	11	0.01	2.66	22
CO10984+	CO10859	11.51	215 3-	1/0ACSR	921	861	723	284	1139	25	11	0.00	2.66	3
OC306+	CO10984	11.51	212 3-	50 E OCR	921	861	723	284	1126	25	51	0.00	2.66	0
CO10985+	OC306	11.66	212 3-	1/0ACSR	911	852	714	283	1126	25	11	0.02	2.68	55
CO10861+	CO10985	11.83	212 3-	1/0ACSR	900	842	704	281	1126	25	11	0.03	2.71	65
CO10862+	CO10861	11.91	212 3-	1/0ACSR	895	837	700	281	1126	25	11	0.01	2.72	29
CO10863+	CO10862	12.01	212 3-	1/0ACSR	889	831	695	280	1126	25	11	0.02	2.74	37
CO10864+	CO10863	12.16	212 3-	1/0ACSR	880	823	687	278	1125	25	11	0.03	2.77	57
CO10878+	CO10864	12.23	1 1-	1/0ACSR	0	0	683	278	2	0	0	0.00	2.77	0
OC1070446677+	CO10878	12.23	1 1-	20 N FUSE	0	0	683	278	2	0	1	0.00	2.77	0
CO10934+	OC1070446677	12.27	1 1-	1/0ACSR	0	0	681	278	2	0	0	0.00	2.77	0
CO10935+	CO10934	12.37	0 1-	1/0ACSR	0	0	675	277	0	0	0	0.00	2.77	0
CO10879+	CO10935	12.43	0 1-	1/0ACSR	0	0	673	276	0	0	0	0.00	2.77	0
CO10880+	CO10879	12.53	0 1-	1/0ACSR	0	0	668	276	0	0	0	0.00	2.77	0
CO10851+	CO10864	12.24	211 3-	1/0ACSR	875	818	682	278	1123	25	11	0.01	2.78	31
CO10852+	CO10851	12.33	211 3-	1/0ACSR	870	814	678	277	1123	25	11	0.01	2.80	31
CO10853+	CO10852	12.51	211 3-	1/0ACSR	859	803	668	276	1123	25	11	0.03	2.83	70
CO10854+	CO10853	12.63	211 3-	1/0ACSR	852	797	663	275	1122	25	11	0.02	2.85	42
CO10896+	CO10854	12.72	191 3-	1/0ACSR	847	792	658	274	1037	23	10	0.01	2.86	30
CO10897+	CO10896	12.84	191 3-	1/0ACSR	840	786	652	273	1037	23	10	0.02	2.88	38
CO10872+	CO10897	12.90	2 1-	1/0ACSR	0	0	649	273	1	0	0	0.00	2.88	0
OC-2039095923+	CO10872	12.90	2 1-	20 N FUSE	0	0	649	273	1	0	0	0.00	2.88	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10873+	OC-2039095923	13.04	2 1-	1/0ACSR	0	0	643	272	1	0	0	0.00	2.88	0
CO10898+	CO10897	12.94	189 3-	1/0ACSR	835	781	648	272	1035	23	10	0.01	2.89	31
CO10899+	CO10898	13.11	189 3-	1/0ACSR	825	772	639	271	1035	23	10	0.03	2.92	56
CO10900+	CO10899	13.19	189 3-	1/0ACSR	821	769	636	270	1035	23	10	0.01	2.93	23
CO10811+	CO10900	13.41	187 3-	1/0ACSR	809	758	626	269	1027	23	10	0.03	2.96	70
CO10921+	CO10811	13.54	2 1-	4ACSR	0	0	618	267	16	1	1	0.00	2.97	0
OC1151894432+	CO10921	13.54	2 1-	20 N FUSE	0	0	618	267	16	1	6	0.00	2.97	0
CO10922+	OC1151894432	13.62	1 1-	4ACSR	0	0	613	266	9	0	0	0.00	2.97	0
CO10828+	OC1151894432	13.58	1 1-	4ACSR	0	0	615	266	7	0	0	0.00	2.97	0
CO10907+	CO10811	13.56	185 3-	1/0ACSR	801	750	619	268	1010	22	10	0.02	2.99	47
CO10908+	CO10907	13.66	185 3-	1/0ACSR	797	746	615	267	1010	22	10	0.01	3.00	29
CO10808+	CO10908	14.15	184 3-	1/0ACSR	772	724	594	263	1005	22	10	0.07	3.07	147
CO10809+	CO10808	14.31	165 3-	1/0ACSR	765	716	588	262	920	21	9	0.03	3.10	42
CO10823+	CO10809	14.37	1 1-	1/0ACSR	0	0	586	262	11	0	0	0.00	3.10	0
OC1093969174+	CO10823	14.37	0 1-	20 N FUSE	0	0	586	262	0	0	0	0.00	3.10	0
CO10810+	CO10809	14.51	163 3-	1/0ACSR	756	708	580	261	898	20	9	0.03	3.14	48
CO17055+	CO10810	14.60	3 1-	1/0ACSR	0	0	577	260	11	0	0	0.00	3.14	0
OC285966146+	CO17055	14.60	0 1-	20 N FUSE	0	0	577	260	0	0	0	0.00	3.14	0
CO10901+	CO10810	14.53	160 3-	1/0ACSR	755	707	580	261	887	20	9	0.00	3.14	4
CO17057+	CO10901	14.60	160 3-	1/0ACSR	751	704	577	260	887	20	9	0.01	3.15	17
CO17262+	CO17057	14.61	2 1-	6ACWC	0	0	576	260	13	0	1	0.00	3.15	0
OC298+	CO17262	14.61	2 1-	10 N FUSE	0	0	576	260	13	0	9	0.00	3.15	0
CO17263+	OC298	14.64	2 1-	6ACWC	0	0	575	259	13	0	1	0.00	3.15	0
CO10902+	CO17263	14.79	2 1-	6ACWC	0	0	566	257	13	0	1	0.00	3.16	0
CO10869+	CO10902	14.88	1 1-	6ACWC	0	0	562	256	2	0	0	0.00	3.16	0
CO17056+	CO10869	14.95	1 1-	6ACWC	0	0	558	255	2	0	0	0.00	3.16	0
CO11043+	CO17056	14.99	1 1-	6ACWC	0	0	556	255	2	0	0	0.00	3.16	0
CO10930+	CO10902	14.92	1 1-	6ACWC	0	0	560	256	11	0	1	0.00	3.16	0
CO10931+	CO10930	14.99	0 1-	6ACWC	0	0	556	255	0	0	0	0.00	3.16	0
CO10868+	CO10931	15.08	0 1-	6ACWC	0	0	551	254	0	0	0	0.00	3.16	0
CO11044+	CO17057	14.68	157 3-	1/0ACSR	748	701	574	259	867	19	9	0.01	3.17	17
CO11045+	CO11044	14.72	156 3-	1/0ACSR	746	699	572	259	860	19	9	0.01	3.17	9
CO-676521584+	CO11045	14.80	0 1-	2ACSR	0	0	569	258	0	0	0	0.00	3.17	0
CO11020+	CO11045	14.76	2 1-	1/0ACSR	0	0	571	259	3	0	0	0.00	3.17	0
CO11046+	CO11045	14.86	154 3-	1/0ACSR	740	693	567	258	857	19	9	0.02	3.20	32
CO11047+	CO11046	15.18	154 3-	1/0ACSR	726	680	555	256	856	19	9	0.05	3.25	72
CO11048+	CO11047	15.22	153 3-	1/0ACSR	724	679	554	256	856	19	9	0.01	3.26	9
CO11031+	CO11048	15.33	1 1-	2ACSR	0	0	549	255	7	0	0	0.00	3.26	0
OC1242204064+	CO11031	15.33	0 1-	20 N FUSE	0	0	549	255	0	0	0	0.00	3.26	0
CO11049+	CO11048	15.47	152 3-	1/0ACSR	714	669	545	254	849	19	8	0.04	3.30	55
CO11143+	CO11049	15.50	151 3-	1/0ACSR	712	668	544	254	848	19	8	0.01	3.31	7
CO11144+	CO11143	15.58	150 3-	1/0ACSR	709	665	542	253	839	19	8	0.01	3.32	17
CO11050+	CO11144	16.02	150 3-	1/0ACSR	691	649	527	250	839	19	8	0.07	3.39	95
CO11041+	CO11050	16.14	26 1-	6ACWC	0	0	522	249	117	8	6	0.02	3.41	4
XFMR102	CO11041	16.14	25 1-	167 KVA 1PH AUT	0	0	484	158	111	7	66	0.38	3.79	0
CO11042	XFMR102	16.19	25 1-	6ACWC	0	0	481	158	111	15	11	0.03	3.82	6
CO11154	CO11042	16.20	24 1-	6ACWC	0	0	481	158	99	13	10	0.00	3.82	0
OC309	CO11154	16.20	24 1-	25 H OCR	0	0	481	158	99	13	55	0.00	3.82	0
CO11155	OC309	16.22	24 1-	6ACWC	0	0	479	158	99	13	10	0.01	3.84	0
CO11040	CO11155	16.34	23 1-	6ACWC	0	0	472	156	99	13	10	0.07	3.91	12
CO11039	CO11040	16.40	22 1-	6ACWC	0	0	468	156	96	13	10	0.04	3.95	6
CO11026	CO11039	16.56	1 1-	2ACSR	0	0	460	155	2	0	0	0.00	3.95	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11038	CO11039	16.67	21 1-	6ACWC	0	0	452	153	95	13	9	0.16	4.10	25
CO10995	CO11038	16.90	19 1-	6ACWC	0	0	439	151	87	12	9	0.12	4.22	17
CO10996	CO10995	17.13	17 1-	6ACWC	0	0	426	149	77	10	8	0.11	4.34	14
CO17044	CO10996	17.79	15 1-	6ACWC	0	0	392	144	69	9	7	0.28	4.62	32
CO10733	CO17044	17.91	3 1-	6ACWC	0	0	386	143	15	2	2	0.01	4.63	0
CO10732	CO10733	18.11	3 1-	6ACWC	0	0	377	141	15	2	2	0.02	4.65	0
CO17050	CO10732	18.31	2 1-	6ACWC	0	0	368	140	15	2	1	0.02	4.67	0
CO10870	CO17050	18.38	2 1-	6ACWC	0	0	365	139	15	2	1	0.01	4.67	0
CO10871	CO10870	18.43	1 1-	6ACWC	0	0	363	139	8	1	1	0.00	4.67	0
CO10723	CO10732	18.59	1 1-	2ACSR	0	0	359	139	0	0	0	0.00	4.65	0
CO10766	CO17044	17.86	12 1-	6ACWC	0	0	389	143	54	7	5	0.02	4.64	0
OC-1343220304	CO10766	17.86	11 1-	20 N FUSE	0	0	389	143	54	7	38	0.00	4.64	0
CO10767	OC-1343220304	18.01	11 1-	6ACWC	0	0	381	142	54	7	5	0.05	4.69	5
CO10699	CO10767	18.18	1 1-	6ACWC	0	0	374	141	0	0	0	0.00	4.69	0
CO10728	CO10767	18.27	7 1-	6ACWC	0	0	369	140	36	4	4	0.06	4.75	3
CO10727	CO10728	18.32	6 1-	6ACWC	0	0	367	140	27	3	3	0.01	4.76	0
CO10677	CO10727	18.43	2 1-	6ACWC	0	0	362	139	10	1	1	0.01	4.76	0
CO10695	CO10677	18.45	1 1-	6ACWC	0	0	361	139	8	1	1	0.00	4.76	0
CO10770	CO10677	18.66	1 1-	6ACWC	0	0	353	137	2	0	0	0.00	4.76	0
CO10771	CO10770	19.05	0 1-	6ACWC	0	0	337	134	0	0	0	0.00	4.76	0
CO10748	CO10677	18.52	0 1-	6ACWC	0	0	358	138	0	0	0	0.00	4.76	0
CO10747	CO10748	18.60	0 1-	6ACWC	0	0	355	138	0	0	0	0.00	4.76	0
CO10676	CO10727	18.38	4 1-	6ACWC	0	0	365	139	17	2	2	0.01	4.76	0
CO10731	CO10676	18.44	4 1-	6ACWC	0	0	362	139	17	2	2	0.00	4.77	0
CO10730	CO10731	18.60	2 1-	6ACWC	0	0	355	138	5	0	0	0.00	4.77	0
CO10729	CO10730	18.69	2 1-	6ACWC	0	0	351	137	5	0	0	0.00	4.77	0
CO10697	CO10729	18.74	1 1-	6ACWC	0	0	350	137	5	0	0	0.00	4.77	0
CO10696	CO10729	18.81	1 1-	6ACWC	0	0	347	136	0	0	0	0.00	4.77	0
CO10722	CO10728	18.33	1 1-	2ACSR	0	0	367	140	9	1	1	0.00	4.75	0
CO10768	CO10767	18.05	3 1-	6ACWC	0	0	379	142	18	2	2	0.00	4.69	0
CO10769	CO10768	18.10	1 1-	6ACWC	0	0	377	141	3	0	0	0.00	4.69	0
CO10749	CO10769	18.33	1 1-	6ACWC	0	0	367	140	3	0	0	0.00	4.70	0
CO17054	CO10996	17.32	1 1-	6ACWC	0	0	416	148	7	0	1	0.00	4.34	0
CO11010	CO10996	17.40	1 1-	6ACWC	0	0	411	147	1	0	0	0.00	4.34	0
CO11032	CO10995	17.11	2 1-	6ACWC	0	0	427	149	10	1	1	0.01	4.23	0
CO11033	CO11032	17.19	1 1-	6ACWC	0	0	423	149	0	0	0	0.00	4.23	0
CO11034	CO11033	17.26	1 1-	6ACWC	0	0	419	148	0	0	0	0.00	4.23	0
CO11036	CO11038	16.70	2 1-	6ACWC	0	0	450	153	7	1	1	0.00	4.11	0
CO11037	CO11036	16.78	1 1-	6ACWC	0	0	446	152	1	0	0	0.00	4.11	0
CO11012	CO11037	16.84	1 1-	6ACWC	0	0	442	152	1	0	0	0.00	4.11	0
CO11035	CO11037	16.86	0 1-	6ACWC	0	0	441	152	0	0	0	0.00	4.11	0
CO11013	CO11038	16.72	0 1-	6ACWC	0	0	449	153	0	0	0	0.00	4.10	0
CO11030	CO11040	16.40	1 1-	2ACSR	0	0	469	156	3	0	0	0.00	3.91	0
CO11011	CO11042	16.26	0 1-	6ACWC	0	0	477	157	0	0	0	0.00	3.82	0
CO11051+	CO11050	16.10	124 3-	1/0ACSR	689	646	525	250	722	16	7	0.01	3.40	11
CO11052+	CO11051	16.19	124 3-	1/0ACSR	685	643	522	249	722	16	7	0.01	3.42	15
CO11053+	CO11052	16.24	123 3-	1/0ACSR	683	641	520	249	714	16	7	0.01	3.42	7
CO10997+	CO11053	16.31	120 3-	1/0ACSR	681	639	518	248	697	16	7	0.01	3.43	11
CO11150+	CO10997	16.42	118 3-	1/0ACSR	677	635	515	248	689	15	7	0.01	3.45	15
CO11151+	CO11150	16.51	116 3-	1/0ACSR	673	632	512	247	684	15	7	0.01	3.46	13
CO11149+	CO11151	16.62	115 3-	1/0ACSR	669	628	509	246	672	15	7	0.01	3.47	15
CO10998+	CO11149	16.76	114 3-	1/0ACSR	664	623	505	245	667	15	7	0.02	3.49	19

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO11060+	CO10998	16.88	111 3-	1/0ACSR	659	619	501	245	649	14	7	0.02	3.51	16
CO11061+	CO11060	17.01	111 3-	1/0ACSR	655	615	497	244	649	14	7	0.02	3.52	17
CO10999+	CO11061	17.11	76 3-	1/0ACSR	652	612	495	243	326	7	3	0.01	3.53	3
CO11156+	CO10999	17.12	15 1-	4ACSR	0	0	494	243	77	5	4	0.00	3.53	0
OC310+	CO11156	17.12	15 1-	35 E OCR	0	0	494	243	77	5	15	0.00	3.53	0
CO11157+	OC310	17.25	15 1-	4ACSR	0	0	489	241	77	5	4	0.02	3.55	0
CO11100+	CO11157	17.32	15 1-	4ACSR	0	0	486	241	77	5	4	0.01	3.55	0
CO11000+	CO11100	17.44	14 1-	4ACSR	0	0	481	239	76	5	4	0.01	3.57	0
CO11021+	CO11000	17.50	1 1-	4ACSR	0	0	479	239	11	0	1	0.00	3.57	0
CO11164+	CO11000	17.68	13 1-	4ACSR	0	0	472	237	65	4	3	0.02	3.59	3
CO11094+	CO11164	17.72	13 1-	4ACSR	0	0	470	236	65	4	3	0.00	3.60	0
CO11003+	CO11094	17.80	1 1-	4ACSR	0	0	468	235	2	0	0	0.00	3.60	0
CO10986+	CO11094	17.78	11 1-	4ACSR	0	0	468	235	52	3	3	0.00	3.60	0
CO11089+	CO10986	17.83	10 1-	4ACSR	0	0	466	235	48	3	2	0.00	3.61	0
CO11090+	CO11089	17.94	8 1-	4ACSR	0	0	462	234	45	3	2	0.01	3.61	0
CO10987+	CO11090	18.03	5 1-	4ACSR	0	0	459	233	20	1	1	0.00	3.61	0
CO10994+	CO10987	18.08	3 1-	4ACSR	0	0	457	232	20	1	1	0.00	3.62	0
CO11009+	CO10994	18.11	1 1-	4ACSR	0	0	456	232	10	0	1	0.00	3.62	0
CO10993+	CO10994	18.17	2 1-	4ACSR	0	0	454	231	10	0	1	0.00	3.62	0
CO11002+	CO10993	18.24	1 1-	4ACSR	0	0	451	231	7	0	0	0.00	3.62	0
CO10988+	CO10993	18.40	1 1-	4ACSR	0	0	446	229	3	0	0	0.00	3.62	0
CO11152+	CO10988	18.78	0 1-	4ACSR	0	0	433	225	0	0	0	0.00	3.62	0
OC718109559+	CO11152	18.78	0 1-	20 N FUSE	0	0	433	225	0	0	0	0.00	3.62	0
CO11153+	OC718109559	18.95	0 1-	4ACSR	0	0	427	223	0	0	0	0.00	3.62	0
CO11085+	CO10988	18.85	1 1-	4ACSR	0	0	430	224	3	0	0	0.00	3.62	0
CO10989+	CO10988	18.97	0 1-	4ACSR	0	0	427	223	0	0	0	0.00	3.62	0
CO11087+	CO10987	18.17	2 1-	4ACSR	0	0	454	231	0	0	0	0.00	3.61	0
CO11088+	CO11087	18.33	2 1-	4ACSR	0	0	448	230	0	0	0	0.00	3.61	0
CO11091+	CO11090	18.00	2 1-	4ACSR	0	0	460	233	16	1	1	0.00	3.61	0
CO11092+	CO11091	18.06	1 1-	4ACSR	0	0	458	232	14	0	1	0.00	3.62	0
CO11093+	CO11092	18.13	1 1-	4ACSR	0	0	455	232	14	0	1	0.00	3.62	0
CO11004+	CO10986	17.91	1 1-	4ACSR	0	0	463	234	4	0	0	0.00	3.60	0
CO11095+	CO11100	17.38	1 1-	4ACSR	0	0	484	240	0	0	0	0.00	3.56	0
CO11096+	CO11095	17.42	1 1-	4ACSR	0	0	482	240	0	0	0	0.00	3.56	0
CO11097+	CO11096	17.48	1 1-	4ACSR	0	0	480	239	0	0	0	0.00	3.56	0
CO11098+	CO11097	17.61	1 1-	4ACSR	0	0	475	237	0	0	0	0.00	3.56	0
CO11099+	CO11098	17.70	1 1-	4ACSR	0	0	471	236	0	0	0	0.00	3.56	0
CO11101+	CO10999	17.32	61 1-	4ACSR	0	0	486	241	249	17	12	0.08	3.61	34
XFMR100	CO11101	17.32	61 1-	333 KVA 1PH AUT	0	0	590	160	249	17	75	0.55	4.16	0
CO11102	XFMR100	17.49	61 1-	4ACSR	0	0	574	158	249	34	25	0.26	4.42	107
CO11158	CO11102	17.50	61 1-	4ACSR	0	0	573	158	249	34	25	0.01	4.43	4
OC312	CO11158	17.50	61 1-	50 H OCR	0	0	573	158	249	34	69	0.00	4.43	0
CO11159	OC312	17.51	61 1-	4ACSR	0	0	572	158	249	34	25	0.02	4.45	10
CO11162	CO11159	17.53	61 1-	4ACSR	0	0	569	158	249	34	25	0.03	4.49	14
CO11163	CO11162	17.58	60 1-	4ACSR	0	0	565	158	244	34	24	0.07	4.56	28
CO11103	CO11163	17.65	60 1-	4ACSR	0	0	558	157	244	34	24	0.11	4.67	45
CO11106	CO11103	17.70	60 1-	4ACSR	0	0	554	156	244	34	24	0.07	4.74	29
CO11107	CO11106	17.80	59 1-	4ACSR	0	0	545	155	244	33	24	0.15	4.89	61
CO11111	CO11107	18.08	56 1-	4ACSR	0	0	519	153	231	32	23	0.41	5.30	158
CO11113	CO11111	18.10	3 1-	4ACSR	0	0	518	153	24	3	2	0.00	5.30	0
CO11116	CO11113	18.18	3 1-	4ACSR	0	0	511	152	24	3	2	0.01	5.31	0
CO11114	CO11116	18.24	1 1-	2ACSR	0	0	507	152	9	1	1	0.00	5.32	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL11115	COL11114	18.33	1 1-	2ACSR	0	0	501	151	9	1	1	0.00	5.32	0
COL11117	COL11116	18.23	1 1-	4ACSR	0	0	507	152	13	1	1	0.00	5.32	0
COL11112	COL11111	18.20	53 1-	4ACSR	0	0	509	152	206	28	21	0.16	5.46	54
COL11001	COL11112	18.34	4 1-	4ACSR	0	0	498	151	13	1	1	0.01	5.47	0
COL11120	COL11001	18.45	2 1-	4ACSR	0	0	489	150	9	1	1	0.01	5.47	0
COL17119	COL11120	18.48	2 1-	4ACSR	0	0	487	149	9	1	1	0.00	5.48	0
COL11424	COL17119	18.54	2 1-	4ACSR	0	0	482	149	9	1	1	0.00	5.48	0
COL11425	COL11424	18.63	1 1-	4ACSR	0	0	475	148	8	1	1	0.00	5.48	0
COL11118	COL11001	18.43	2 1-	4ACSR	0	0	490	150	5	0	0	0.00	5.47	0
COL11119	COL11118	18.52	1 1-	4ACSR	0	0	484	149	2	0	0	0.00	5.47	0
COL11121	COL11112	18.30	49 1-	4ACSR	0	0	501	151	192	26	19	0.12	5.57	38
COL11122	COL11121	18.40	49 1-	4ACSR	0	0	493	150	192	26	19	0.12	5.70	39
COL11123	COL11122	18.45	48 1-	4ACSR	0	0	489	150	192	26	19	0.07	5.76	22
COL17118	COL11123	18.61	46 1-	4ACSR	0	0	476	148	189	26	19	0.19	5.95	59
COL11399	COL17118	18.84	2 1-	4ACSR	0	0	460	146	12	1	1	0.02	5.97	0
COL11398	COL11399	18.90	2 1-	4ACSR	0	0	456	146	12	1	1	0.00	5.97	0
COL11427	COL11398	18.94	1 1-	4ACSR	0	0	452	145	9	1	1	0.00	5.97	0
COL11426	COL11427	19.00	0 1-	4ACSR	0	0	448	145	0	0	0	0.00	5.97	0
COL11375	COL11398	18.93	1 1-	4ACSR	0	0	453	146	3	0	0	0.00	5.97	0
COL11369	COL17118	18.77	44 1-	4ACSR	0	0	465	147	177	24	18	0.17	6.12	51
COL11370	COL11369	18.85	43 1-	4ACSR	0	0	459	146	173	24	17	0.09	6.21	26
COL11428	COL11370	19.00	8 1-	4ACSR	0	0	448	145	32	4	3	0.03	6.24	0
COL11376	COL11428	19.09	3 1-	4ACSR	0	0	443	144	19	2	2	0.00	6.25	0
COL11430	COL11428	19.06	3 1-	4ACSR	0	0	444	144	11	1	1	0.00	6.25	0
COL11429	COL11430	19.13	3 1-	4ACSR	0	0	440	144	11	1	1	0.00	6.25	0
COL11401	COL11370	18.89	35 1-	4ACSR	0	0	456	146	141	19	14	0.04	6.25	9
COL11400	COL11401	18.97	34 1-	4ACSR	0	0	451	145	138	19	14	0.06	6.32	15
COL11449	COL11400	18.97	31 1-	4ACSR	0	0	450	145	131	18	13	0.01	6.32	0
OC316	COL11449	18.97	31 1-	25 H OCR	0	0	450	145	131	18	74	0.00	6.32	0
COL11450	OC316	19.09	31 1-	4ACSR	0	0	443	144	131	18	13	0.09	6.42	21
COL11404	COL11450	19.14	30 1-	4ACSR	0	0	439	144	131	18	13	0.05	6.46	10
COL11403	COL11404	19.29	29 1-	4ACSR	0	0	429	143	129	18	13	0.12	6.58	26
COL11402	COL11403	19.35	28 1-	4ACSR	0	0	426	142	127	18	13	0.04	6.63	9
COL11408	COL11402	19.45	26 1-	4ACSR	0	0	419	141	105	14	11	0.07	6.70	13
OC1896634205	COL11408	19.45	26 1-	20 N FUSE	0	0	419	141	105	14	74	0.00	6.70	0
COL11406	OC1896634205	20.02	26 1-	4ACSR	0	0	387	137	105	14	11	0.37	7.07	66
COL11405	COL11406	20.07	23 1-	4ACSR	0	0	384	137	103	14	10	0.03	7.10	5
COL11407	COL11405	20.11	22 1-	4ACSR	0	0	382	136	100	14	10	0.03	7.13	5
COL11371	COL11407	20.15	21 1-	4ACSR	0	0	380	136	97	13	10	0.02	7.15	4
COL11414	COL11371	20.17	3 1-	4ACSR	0	0	379	136	15	2	1	0.00	7.16	0
COL11413	COL11414	20.34	3 1-	4ACSR	0	0	370	135	15	2	1	0.02	7.17	0
COL11382	COL11413	20.43	1 1-	4ACSR	0	0	366	134	6	0	1	0.00	7.17	0
COL11447	COL11413	20.45	2 1-	4ACSR	0	0	365	134	9	1	1	0.01	7.18	0
COL11446	COL11447	20.54	1 1-	4ACSR	0	0	360	133	8	1	1	0.00	7.18	0
COL11410	COL11371	20.28	18 1-	4ACSR	0	0	373	135	82	11	8	0.06	7.22	9
COL11409	COL11410	20.33	17 1-	4ACSR	0	0	371	135	76	10	8	0.03	7.25	4
COL11438	COL11409	20.52	0 1-	4ACSR	0	0	361	134	0	0	0	0.00	7.25	0
COL11437	COL11438	20.61	0 1-	4ACSR	0	0	358	133	0	0	0	0.00	7.25	0
COL11372	COL11409	20.57	16 1-	4ACSR	0	0	359	133	75	10	8	0.11	7.36	15
COL11373	COL11372	20.67	14 1-	4ACSR	0	0	355	133	63	8	6	0.04	7.40	4
COL11412	COL11373	20.75	14 1-	4ACSR	0	0	351	132	63	8	6	0.03	7.43	3
COL11411	COL11412	20.76	13 1-	4ACSR	0	0	350	132	61	8	6	0.00	7.44	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL1443	COL1411	20.81	10 1-	4ACSR	0	0	348	132	44	6	4	0.01	7.45	0
COL1445	COL1443	20.82	8 1-	4ACSR	0	0	348	132	24	3	2	0.00	7.45	0
COL1444	COL1445	20.85	4 1-	4ACSR	0	0	346	131	5	0	1	0.00	7.45	0
COL1381	COL1443	20.90	2 1-	4ACSR	0	0	344	131	20	2	2	0.01	7.45	0
COL1442	COL1411	20.83	1 1-	4ACSR	0	0	347	131	5	0	1	0.00	7.44	0
COL1380	COL1442	20.87	1 1-	4ACSR	0	0	346	131	5	0	1	0.00	7.44	0
COL1441	COL1442	20.93	0 1-	4ACSR	0	0	343	131	0	0	0	0.00	7.44	0
COL1440	COL1411	20.83	2 1-	4ACSR	0	0	347	131	11	1	1	0.01	7.44	0
COL1439	COL1440	20.85	2 1-	4ACSR	0	0	346	131	11	1	1	0.00	7.44	0
COL1379	COL1439	20.91	0 1-	4ACSR	0	0	344	131	0	0	0	0.00	7.44	0
COL1378	COL1373	20.75	0 1-	4ACSR	0	0	351	132	0	0	0	0.00	7.40	0
COL1434	COL1372	20.65	2 1-	4ACSR	0	0	355	133	12	1	1	0.01	7.37	0
COL1436	COL1434	20.72	2 1-	4ACSR	0	0	352	132	12	1	1	0.01	7.37	0
COL1435	COL1436	20.78	2 1-	4ACSR	0	0	349	132	12	1	1	0.00	7.37	0
COL1433	COL1434	20.72	0 1-	4ACSR	0	0	352	132	0	0	0	0.00	7.37	0
COL1383	COL1407	20.20	1 1-	4ACSR	0	0	377	136	3	0	0	0.00	7.13	0
COL1448	COL1402	19.58	2 1-	4ACSR	0	0	411	140	22	3	2	0.03	6.66	0
OC1801175040	COL1448	19.58	2 1-	20 N FUSE	0	0	411	140	22	3	16	0.00	6.66	0
COL1365	OC1801175040	19.68	2 1-	4ACSR	0	0	406	140	22	3	2	0.01	6.67	0
COL1367	COL1365	20.10	2 1-	4ACSR	0	0	382	136	22	3	2	0.06	6.73	2
COL1393	COL1367	20.22	2 1-	4ACSR	0	0	376	136	22	3	2	0.02	6.75	0
COL1388	COL1393	20.32	2 1-	4ACSR	0	0	371	135	22	3	2	0.01	6.76	0
COL1392	COL1388	20.38	1 1-	4ACSR	0	0	368	135	11	1	1	0.00	6.77	0
COL1389	COL1392	20.43	1 1-	4ACSR	0	0	366	134	11	1	1	0.00	6.77	0
COL1391	COL1389	20.52	1 1-	4ACSR	0	0	362	134	11	1	1	0.01	6.78	0
COL1390	COL1391	20.64	1 1-	4ACSR	0	0	356	133	11	1	1	0.00	6.78	0
COL1385	COL1367	20.44	0 1-	4ACSR	0	0	365	134	0	0	0	0.00	6.73	0
COL1387	COL1385	20.56	0 1-	4ACSR	0	0	360	133	0	0	0	0.00	6.73	0
COL1386	COL1387	20.60	0 1-	4ACSR	0	0	358	133	0	0	0	0.00	6.73	0
COL1366	COL1365	20.06	0 1-	4ACSR	0	0	385	137	0	0	0	0.00	6.67	0
COL1374	OC1801175040	19.68	0 1-	4ACSR	0	0	406	140	0	0	0	0.00	6.66	0
COL1432	COL1400	19.17	3 1-	4ACSR	0	0	437	144	7	0	1	0.01	6.32	0
COL1431	COL1432	19.20	2 1-	4ACSR	0	0	435	143	5	0	0	0.00	6.32	0
COL1377	COL1369	18.91	1 1-	4ACSR	0	0	455	146	4	0	0	0.00	6.12	0
COL1109	COL1107	17.81	3 1-	4ACSR	0	0	543	155	12	1	1	0.00	4.89	0
COL1110	COL1109	17.90	3 1-	4ACSR	0	0	535	155	12	1	1	0.01	4.90	0
COL11028	COL1110	18.01	1 1-	2ACSR	0	0	527	154	10	1	1	0.00	4.90	0
COL1108	COL1110	18.17	2 1-	4ACSR	0	0	512	152	2	0	0	0.00	4.90	0
COL11019	COL1108	18.31	1 1-	4ACSR	0	0	500	151	0	0	0	0.00	4.90	0
COL11018	COL1108	18.29	1 1-	4ACSR	0	0	502	151	2	0	0	0.00	4.90	0
COL11017	COL1108	18.29	0 1-	4ACSR	0	0	502	151	0	0	0	0.00	4.90	0
COL1104	COL1106	17.74	1 1-	4ACSR	0	0	549	156	0	0	0	0.00	4.74	0
COL1105	COL1104	17.81	1 1-	4ACSR	0	0	543	155	0	0	0	0.00	4.74	0
COL1160+	COL11061	17.02	35 1-	4ACSR	0	0	497	244	323	22	16	0.00	3.53	0
OC311+	COL1160	17.02	35 1-	35 E OCR	0	0	497	244	323	22	64	0.00	3.53	0
COL1161+	OC311	17.29	35 1-	4ACSR	0	0	486	240	323	22	16	0.13	3.66	70
COL11062+	COL1161	17.35	34 1-	4ACSR	0	0	484	240	313	21	15	0.03	3.69	13
COL11063+	COL11062	17.41	33 1-	4ACSR	0	0	481	239	303	20	15	0.03	3.72	14
COL11065+	COL11063	17.46	31 1-	4ACSR	0	0	479	239	286	19	14	0.02	3.74	11
COL11027+	COL11065	17.49	1 1-	2ACSR	0	0	478	238	5	0	0	0.00	3.74	0
COL11066+	COL11065	17.52	28 1-	4ACSR	0	0	477	238	267	18	13	0.02	3.76	10
COL11064+	COL11066	17.55	28 1-	4ACSR	0	0	476	238	267	18	13	0.01	3.77	6

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11067+	CO11064	17.63	28 1-	4ACSR	0	0	473	237	267	18	13	0.03	3.81	15
CO11068+	CO11067	17.72	28 1-	4ACSR	0	0	469	236	266	18	13	0.04	3.85	17
CO10990+	CO11068	17.83	28 1-	4ACSR	0	0	465	234	266	18	13	0.04	3.89	19
CO10991+	CO10990	17.97	28 1-	4ACSR	0	0	460	233	266	18	13	0.06	3.95	25
CO11137+	CO10991	18.21	17 1-	2ACSR	0	0	453	231	192	13	7	0.05	3.99	14
CO11135+	CO11137	18.27	2 1-	2ACSR	0	0	451	231	29	2	1	0.00	4.00	0
CO11136+	CO11135	18.40	2 1-	2ACSR	0	0	447	230	29	2	1	0.00	4.00	0
CO11138+	CO11137	18.32	14 1-	2ACSR	0	0	450	230	148	10	6	0.02	4.01	4
CO11025+	CO11138	18.41	1 1-	2ACSR	0	0	447	229	14	0	1	0.00	4.01	0
CO11139+	CO11138	18.44	13 1-	2ACSR	0	0	446	229	133	9	5	0.02	4.03	4
CO11130+	CO11139	18.49	1 1-	2ACSR	0	0	445	229	12	0	0	0.00	4.03	0
CO11131+	CO11130	18.53	1 1-	2ACSR	0	0	444	229	12	0	0	0.00	4.03	0
CO11029+	CO11130	18.53	0 1-	2ACSR	0	0	444	229	0	0	0	0.00	4.03	0
CO11140+	CO11139	18.56	11 1-	2ACSR	0	0	443	228	121	8	5	0.01	4.04	2
CO11128+	CO11140	18.63	10 1-	2ACSR	0	0	441	228	104	7	4	0.01	4.05	0
CO11129+	CO11128	18.67	8 1-	2ACSR	0	0	440	228	82	5	3	0.00	4.05	0
CO11024+	CO11129	18.73	4 1-	2ACSR	0	0	438	227	54	3	2	0.00	4.06	0
CO11132+	CO11024	18.78	4 1-	2ACSR	0	0	437	227	54	3	2	0.00	4.06	0
CO11023+	CO11132	18.81	2 1-	2ACSR	0	0	436	226	26	1	1	0.00	4.06	0
CO11133+	CO11132	18.86	2 1-	2ACSR	0	0	435	226	28	1	1	0.00	4.06	0
CO11134+	CO11133	18.93	1 1-	2ACSR	0	0	433	226	16	1	1	0.00	4.06	0
CO11141+	CO11134	18.99	1 1-	2ACSR	0	0	432	225	16	1	1	0.00	4.06	0
CO11142+	CO11141	19.02	0 1-	2ACSR	0	0	431	225	0	0	0	0.00	4.06	0
CO11127+	CO11129	18.72	4 1-	2ACSR	0	0	439	227	28	1	1	0.00	4.06	0
CO11126+	CO11127	18.80	2 1-	2ACSR	0	0	436	227	14	0	1	0.00	4.06	0
CO11125+	CO11126	18.88	2 1-	2ACSR	0	0	434	226	14	0	1	0.00	4.06	0
CO11124+	CO11125	18.92	1 1-	2ACSR	0	0	433	226	14	0	1	0.00	4.06	0
CO10992+	CO10991	18.10	10 1-	4ACSR	0	0	455	231	66	4	3	0.01	3.96	0
CO11071+	CO10992	18.22	10 1-	4ACSR	0	0	451	230	66	4	3	0.01	3.97	0
CO11072+	CO11071	18.31	10 1-	4ACSR	0	0	448	229	66	4	3	0.01	3.98	0
CO11007+	CO11072	18.38	0 1-	4ACSR	0	0	445	229	0	0	0	0.00	3.98	0
CO11075+	CO11072	18.35	9 1-	4ACSR	0	0	446	229	62	4	3	0.00	3.99	0
CO11076+	CO11075	18.38	8 1-	4ACSR	0	0	445	229	53	3	3	0.00	3.99	0
CO11077+	CO11076	18.68	8 1-	4ACSR	0	0	435	225	53	3	3	0.02	4.01	2
CO11078+	CO11077	18.73	8 1-	4ACSR	0	0	433	225	53	3	3	0.00	4.02	0
CO11006+	CO11078	18.78	1 1-	4ACSR	0	0	432	224	7	0	0	0.00	4.02	0
CO11079+	CO11078	18.78	5 1-	4ACSR	0	0	432	224	43	2	2	0.00	4.02	0
CO11080+	CO11079	18.84	5 1-	4ACSR	0	0	430	224	43	2	2	0.00	4.02	0
CO11005+	CO11080	18.91	1 1-	4ACSR	0	0	428	223	10	0	1	0.00	4.02	0
CO11083+	CO11080	19.03	1 1-	4ACSR	0	0	424	222	10	0	0	0.00	4.03	0
OC529867064+	CO11083	19.03	0 1-	20 N FUSE	0	0	424	222	0	0	0	0.00	4.03	0
CO11084+	OC529867064	19.22	0 1-	4ACSR	0	0	418	220	0	0	0	0.00	4.03	0
CO11081+	CO11080	18.90	2 1-	2ACSR	0	0	428	223	17	1	1	0.00	4.02	0
CO-1263606689+	CO11081	18.96	1 1-	2ACSR	0	0	427	223	2	0	0	0.00	4.02	0
CO309294455+	CO-1263606689	19.07	1 1-	2ACSR	0	0	424	222	2	0	0	0.00	4.02	0
CO-1631568337+	CO-1263606689	18.97	0 1-	2ACSR	0	0	426	223	0	0	0	0.00	4.02	0
CO11073+	CO11072	18.34	1 1-	4ACSR	0	0	447	229	3	0	0	0.00	3.98	0
CO11074+	CO11073	18.39	1 1-	4ACSR	0	0	445	228	3	0	0	0.00	3.98	0
CO11008+	CO10990	17.94	0 1-	4ACSR	0	0	461	233	0	0	0	0.00	3.89	0
CO11022+	CO11008	18.12	0 1-	4ACSR	0	0	455	231	0	0	0	0.00	3.89	0
CO11070+	CO11022	18.23	0 1-	4ACSR	0	0	451	230	0	0	0	0.00	3.89	0
CO11069+	CO11070	18.31	0 1-	4ACSR	0	0	448	229	0	0	0	0.00	3.89	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11165+	CO11068	17.82	0 1-	4ACSR	0	0	465	235	0	0	0	0.00	3.85	0
CO11058+	CO10998	16.84	3 1-	1/0ACSR	0	0	502	245	17	1	1	0.00	3.49	0
OC1108233472+	CO11058	16.84	2 1-	20 N FUSE	0	0	502	245	7	0	2	0.00	3.49	0
CO11059+	OC1108233472	16.91	2 1-	1/0ACSR	0	0	500	244	7	0	0	0.00	3.49	0
CO11015+	CO11149	16.69	1 1-	1/0ACSR	0	0	507	246	6	0	0	0.00	3.47	0
OC1731831040+	CO11015	16.69	0 1-	20 N FUSE	0	0	507	246	0	0	0	0.00	3.47	0
CO11016+	CO10997	16.40	2 1-	1/0ACSR	0	0	515	248	8	0	0	0.00	3.43	0
OC2054842813+	CO11016	16.40	0 1-	20 N FUSE	0	0	515	248	0	0	0	0.00	3.43	0
CO11056+	CO11053	16.46	3 1-	4ACSR	0	0	510	246	17	1	1	0.01	3.43	0
OC-324565495+	CO11056	16.46	3 1-	20 N FUSE	0	0	510	246	17	1	6	0.00	3.43	0
CO11057+	OC-324565495	16.53	3 1-	4ACSR	0	0	507	245	17	1	1	0.00	3.43	0
CO11055+	CO11057	16.74	3 1-	4ACSR	0	0	499	243	17	1	1	0.01	3.43	0
CO11054+	CO11055	16.91	3 1-	4ACSR	0	0	491	241	17	1	1	0.00	3.44	0
CO11145+	CO11054	17.04	3 1-	4ACSR	0	0	486	239	17	1	1	0.00	3.44	0
CO11146+	CO11145	17.13	2 1-	4ACSR	0	0	482	238	17	1	1	0.00	3.44	0
CO11147+	CO11146	17.20	1 1-	4ACSR	0	0	480	237	8	0	0	0.00	3.45	0
CO11148+	CO11147	17.26	1 1-	4ACSR	0	0	477	237	8	0	0	0.00	3.45	0
CO11014+	CO11054	17.03	0 1-	4ACSR	0	0	486	239	0	0	0	0.00	3.44	0
CO10976+	CO10808	14.15	19 1-	6ACWC	0	0	594	263	85	5	4	0.00	3.07	0
OC305+	CO10976	14.15	19 1-	25 E OCR	0	0	594	263	85	5	23	0.00	3.07	0
CO10977+	OC305	14.18	19 1-	6ACWC	0	0	592	263	85	5	4	0.00	3.08	0
CO10905+	CO10977	14.24	19 1-	6ACWC	0	0	589	262	85	5	4	0.01	3.09	0
CO10906+	CO10905	14.50	17 1-	6ACWC	0	0	575	259	84	5	4	0.03	3.12	5
CO17114+	CO10906	14.69	17 1-	6ACWC	0	0	565	256	84	5	4	0.02	3.14	3
CO11341+	CO17114	14.83	5 1-	6ACWC	0	0	557	254	19	1	1	0.00	3.15	0
CO11342+	CO11341	14.95	4 1-	6ACWC	0	0	551	253	18	1	1	0.00	3.15	0
CO11340+	CO11342	15.07	1 1-	6ACWC	0	0	545	251	11	0	1	0.00	3.15	0
CO11168+	CO17114	14.74	12 1-	6ACWC	0	0	562	255	65	4	3	0.00	3.15	0
CO17124+	CO11168	14.82	2 1-	2ACSR	0	0	558	255	3	0	0	0.00	3.15	0
CO17123+	CO11168	14.95	10 1-	6ACWC	0	0	551	253	63	4	3	0.02	3.17	0
CO11368+	CO17123	15.12	9 1-	6ACWC	0	0	543	251	60	4	3	0.02	3.18	0
CO11423+	CO11368	15.22	2 1-	6ACWC	0	0	538	249	13	0	1	0.00	3.19	0
CO11384+	CO11423	15.25	1 1-	2ACSR	0	0	536	249	2	0	0	0.00	3.19	0
CO11422+	CO11423	15.26	1 1-	6ACWC	0	0	536	249	10	0	1	0.00	3.19	0
CO11396+	CO11368	15.13	7 1-	6ACWC	0	0	542	251	47	3	2	0.00	3.18	0
CO11395+	CO11396	15.19	6 1-	6ACWC	0	0	539	250	43	2	2	0.00	3.19	0
CO11397+	CO11395	15.32	5 1-	6ACWC	0	0	533	248	41	2	2	0.01	3.20	0
CO11394+	CO11397	15.51	5 1-	6ACWC	0	0	524	246	41	2	2	0.01	3.21	0
CO11421+	CO11394	15.81	2 1-	6ACWC	0	0	510	242	19	1	1	0.01	3.22	0
CO11420+	CO11421	15.86	2 1-	6ACWC	0	0	508	242	19	1	1	0.00	3.22	0
CO11418+	CO11394	15.64	3 1-	6ACWC	0	0	518	244	22	1	1	0.00	3.21	0
CO11417+	CO11418	15.65	1 1-	6ACWC	0	0	517	244	11	0	1	0.00	3.21	0
CO11419+	CO11417	15.72	1 1-	6ACWC	0	0	514	243	11	0	1	0.00	3.21	0
CO11416+	CO17123	15.08	1 1-	6ACWC	0	0	545	251	3	0	0	0.00	3.17	0
CO11415+	CO11416	15.13	1 1-	6ACWC	0	0	542	251	3	0	0	0.00	3.17	0
CO10826+	CO10905	14.31	2 1-	6ACWC	0	0	585	261	1	0	0	0.00	3.09	0
NEWCAP-6FD6C67B+	CO10808	14.15	0 3-	Capacitor	772	724	594	263	0	-7	0	0.00	3.07	0
CO10825+	CO10908	13.77	1 1-	1/0ACSR	0	0	610	266	4	0	0	0.00	3.00	0
OC-430383110+	CO10825	13.77	0 1-	20 N FUSE	0	0	610	266	0	0	0	0.00	3.00	0
CO10876+	CO10908	13.72	0 1-	1/0ACSR	0	0	612	266	0	0	0	0.00	3.00	0
OC1099670769+	CO10876	13.72	0 1-	20 N FUSE	0	0	612	266	0	0	0	0.00	3.00	0
CO10877+	OC1099670769	13.79	0 1-	1/0ACSR	0	0	609	266	0	0	0	0.00	3.00	0

Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10966+	CO10900	13.19	2 1-	4ACSR	0	0	635	270	8	0	0	0.00	2.93	0
OC299+	CO10966	13.19	2 1-	10 N FUSE	0	0	635	270	8	0	6	0.00	2.93	0
CO10967+	OC299	13.25	2 1-	4ACSR	0	0	631	269	8	0	0	0.00	2.93	0
CO10958+	CO10967	13.28	1 1-	4ACSR	0	0	630	269	0	0	0	0.00	2.93	0
CO10874+	CO10958	13.46	1 1-	4ACSR	0	0	619	267	0	0	0	0.00	2.93	0
CO10875+	CO10874	13.51	1 1-	4ACSR	0	0	616	266	0	0	0	0.00	2.93	0
CO10824+	CO10958	13.34	0 1-	4ACSR	0	0	626	268	0	0	0	0.00	2.93	0
CO10968+	CO10854	12.63	4 1-	6ACWC	0	0	662	275	27	1	1	0.00	2.85	0
OC300+	CO10968	12.63	4 1-	10 N FUSE	0	0	662	275	27	1	18	0.00	2.85	0
CO10969+	OC300	12.68	4 1-	6ACWC	0	0	659	274	27	1	1	0.00	2.85	0
CO10936+	CO10969	12.73	3 1-	6ACWC	0	0	655	273	15	1	1	0.00	2.85	0
OC253237942+	CO10936	12.73	2 1-	20 N FUSE	0	0	655	273	15	1	5	0.00	2.85	0
CO10903+	OC253237942	13.04	2 1-	6ACWC	0	0	635	269	15	1	1	0.01	2.86	0
CO10904+	CO10903	13.07	2 1-	6ACWC	0	0	633	268	15	1	1	0.00	2.86	0
CO10847+	CO10904	13.16	1 1-	4ACSR	0	0	627	267	0	0	0	0.00	2.86	0
CO10846+	CO10904	13.11	1 1-	4ACSR	0	0	630	268	15	1	1	0.00	2.86	0
CO10807+	CO10854	12.64	16 3-	6ACWC	851	796	661	275	58	1	1	0.00	2.85	0
CO10970+	CO10807	12.65	0 1-	6ACWC	0	0	661	274	0	0	0	0.00	2.85	0
OC301+	CO10970	12.65	0 1-	10 N FUSE	0	0	661	274	0	0	0	0.00	2.85	0
CO10971+	OC301	12.81	0 1-	6ACWC	0	0	650	272	0	0	0	0.00	2.85	0
CO10894+	CO10971	12.90	0 1-	6ACWC	0	0	644	271	0	0	0	0.00	2.85	0
CO10895+	CO10894	13.09	0 1-	6ACWC	0	0	631	268	0	0	0	0.00	2.85	0
CO10964+	CO10807	12.65	16 1-	6ACWC	0	0	661	274	58	3	3	0.00	2.85	0
OC297+	CO10964	12.65	16 1-	25 E OCR	0	0	661	274	58	3	16	0.00	2.85	0
CO10965+	OC297	12.82	16 1-	6ACWC	0	0	650	272	58	3	3	0.01	2.86	0
CO10849+	CO10965	12.87	1 1-	2ACSR	0	0	647	271	14	0	1	0.00	2.86	0
CO10929+	CO10965	12.91	15 1-	6ACWC	0	0	643	271	44	3	2	0.01	2.87	0
CO10932+	CO10929	12.99	14 1-	6ACWC	0	0	638	270	44	3	2	0.00	2.87	0
CO10933+	CO10932	13.09	13 1-	6ACWC	0	0	632	268	32	2	2	0.00	2.88	0
CO10804+	CO10933	13.23	12 1-	6ACWC	0	0	622	266	31	2	2	0.01	2.88	0
CO10822+	CO10804	13.28	2 1-	6ACWC	0	0	620	265	8	0	0	0.00	2.88	0
CO10805+	CO10804	13.42	10 1-	6ACWC	0	0	611	264	23	1	1	0.01	2.89	0
CO10806+	CO10805	13.47	6 1-	6ACWC	0	0	608	263	21	1	1	0.00	2.89	0
CO10939+	CO10806	13.59	3 1-	6ACWC	0	0	600	261	11	0	1	0.00	2.89	0
CO10940+	CO10939	13.66	2 1-	6ACWC	0	0	596	260	6	0	0	0.00	2.89	0
CO10855+	CO10940	13.92	1 1-	6ACWC	0	0	581	257	5	0	0	0.00	2.89	0
CO10818+	CO10806	13.55	1 1-	6ACWC	0	0	603	262	0	0	0	0.00	2.89	0
CO10856+	CO10805	13.56	4 1-	6ACWC	0	0	602	262	2	0	0	0.00	2.89	0
CO10857+	CO10856	13.62	3 1-	6ACWC	0	0	599	261	2	0	0	0.00	2.89	0
CO10858+	CO10857	14.05	3 1-	6ACWC	0	0	574	255	2	0	0	0.00	2.89	0
CO10919+	CO10858	14.14	3 1-	6ACWC	0	0	569	254	2	0	0	0.00	2.89	0
CO10920+	CO10919	14.25	3 1-	6ACWC	0	0	563	253	2	0	0	0.00	2.89	0
CO10820+	CO10920	14.37	0 1-	6ACWC	0	0	557	251	0	0	0	0.00	2.89	0
CO10937+	CO10920	14.41	2 1-	6ACWC	0	0	555	251	1	0	0	0.00	2.89	0
CO10938+	CO10937	14.44	1 1-	6ACWC	0	0	553	250	0	0	0	0.00	2.89	0
CO10925+	CO10938	14.53	1 1-	6ACWC	0	0	548	249	0	0	0	0.00	2.89	0
CO10926+	CO10925	14.65	0 1-	6ACWC	0	0	542	248	0	0	0	0.00	2.89	0
CO10850+	CO10925	14.70	1 1-	2ACSR	0	0	541	248	0	0	0	0.00	2.89	0
CO10889+	CO10920	14.58	1 1-	6ACWC	0	0	546	249	1	0	0	0.00	2.89	0
CO10890+	CO10889	14.66	1 1-	6ACWC	0	0	541	248	1	0	0	0.00	2.89	0
CO10891+	CO10890	14.75	1 1-	6ACWC	0	0	537	247	1	0	0	0.00	2.89	0
CO10819+	CO10891	14.82	1 1-	6ACWC	0	0	534	246	1	0	0	0.00	2.89	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10892+	CO10891	15.15	0 1-	6ACWC	0	0	518	242	0	0	0	0.00	2.89	0
CO10893+	CO10892	15.31	0 1-	6ACWC	0	0	510	240	0	0	0	0.00	2.89	0
CO10821+	CO10933	13.28	1 1-	6ACWC	0	0	620	265	0	0	0	0.00	2.88	0
CO10817+	CO10984	11.55	3 1-	4ACSR	0	0	719	283	13	0	1	0.00	2.66	0
CO10972+	CO10817	11.56	0 1-	4ACSR	0	0	719	283	0	0	0	0.00	2.66	0
OC302+	CO10972	11.56	0 1-	10 N FUSE	0	0	719	283	0	0	0	0.00	2.66	0
CO10973+	OC302	11.72	0 1-	4ACSR	0	0	706	281	0	0	0	0.00	2.66	0
CO10860+	CO10973	11.78	0 1-	4ACSR	0	0	701	280	0	0	0	0.00	2.66	0
CO10841+	CO10860	11.84	0 1-	4ACSR	0	0	697	279	0	0	0	0.00	2.66	0
CO10978+	CO10860	11.79	0 1-	4ACSR	0	0	701	279	0	0	0	0.00	2.66	0
CO10842+	CO10817	11.73	2 1-	4ACSR	0	0	705	280	12	0	1	0.00	2.66	0
CO17116+	CO17117	11.43	0 1-	2ACSR	0	0	727	284	0	0	0	0.00	2.63	0
OC-592671931+	CO17116	11.43	0 1-	20 N FUSE	0	0	727	284	0	0	0	0.00	2.63	0
CO11224+	CO11197	10.98	0 1-	4ACSR	0	0	754	288	0	0	0	0.00	2.55	0
OC-1416529679+	CO11224	10.98	0 1-	20 N FUSE	0	0	754	288	0	0	0	0.00	2.55	0
CO11196+	CO11195	10.95	2 1-	4/0ACSR	0	0	759	289	7	0	0	0.00	2.54	0
OC-2053913963+	CO11196	10.95	2 1-	20 N FUSE	0	0	759	289	7	0	2	0.00	2.54	0
CO11232+	OC-2053913963	11.20	1 1-	4ACSR	0	0	737	285	0	0	0	0.00	2.54	0
CO11233+	OC-2053913963	11.04	1 1-	4ACSR	0	0	751	287	6	0	0	0.00	2.54	0
CO11223+	CO11273	10.57	2 1-	4ACSR	0	0	773	289	4	0	0	0.00	2.50	0
OC1296737457+	CO11223	10.57	0 1-	20 N FUSE	0	0	773	289	0	0	0	0.00	2.50	0
CO11194+	CO11193	10.44	3 1-	4ACSR	0	0	780	290	4	0	0	0.00	2.49	0
OC1989544250+	CO11194	10.44	2 1-	20 N FUSE	0	0	780	290	2	0	1	0.00	2.49	0
CO11221+	OC1989544250	10.51	1 1-	4ACSR	0	0	774	289	2	0	0	0.00	2.49	0
CO11220+	OC1989544250	10.61	1 1-	4ACSR	0	0	765	287	0	0	0	0.00	2.49	0
CO11239+	CO11193	10.49	1 1-	2ACSR	0	0	779	290	5	0	0	0.00	2.49	0
OC-1172803069+	CO11239	10.49	0 1-	20 N FUSE	0	0	779	290	0	0	0	0.00	2.49	0
CO11229+	CO11190	10.05	1 1-	4ACSR	0	0	804	293	9	0	0	0.00	2.45	0
OC852918939+	CO11229	10.05	0 1-	20 N FUSE	0	0	804	293	0	0	0	0.00	2.45	0
CO11187+	CO11260	9.42	7 1-	6ACWC	0	0	845	297	43	2	2	0.00	2.40	0
OC-1830737436+	CO11187	9.42	7 1-	20 N FUSE	0	0	845	297	43	2	15	0.00	2.40	0
CO11219+	OC-1830737436	9.49	2 1-	6ACWC	0	0	837	295	16	1	1	0.00	2.40	0
CO11263+	OC-1830737436	9.56	3 1-	6ACWC	0	0	829	294	13	0	1	0.00	2.40	0
CO11264+	CO11263	9.70	3 1-	6ACWC	0	0	815	292	13	0	1	0.00	2.40	0
CO-1045988323+	CO11264	9.84	1 1-	2ACSR	0	0	803	290	5	0	0	0.00	2.40	0
CO11261+	OC-1830737436	9.49	2 1-	6ACWC	0	0	837	295	14	0	1	0.00	2.40	0
CO11262+	CO11261	9.55	1 1-	6ACWC	0	0	831	294	8	0	0	0.00	2.40	0
CO11257+	CO11186	9.35	0 1-	4ACSR	0	0	847	296	0	0	0	0.00	2.38	0
OC53075484+	CO11257	9.35	0 1-	20 N FUSE	0	0	847	296	0	0	0	0.00	2.38	0
CO11258+	OC53075484	9.43	0 1-	4ACSR	0	0	838	295	0	0	0	0.00	2.38	0
CO1553130537+	CO1625430347	9.09	1 1-	2ACSR	0	0	869	299	0	0	0	0.00	2.34	0
CO11254+	CO17115	9.12	2 1-	4/0ACSR	0	0	870	300	20	1	0	0.00	2.33	0
OC-1694079788+	CO11254	9.12	1 1-	20 N FUSE	0	0	870	300	12	0	4	0.00	2.33	0
CO11354+	OC-1694079788	9.25	1 1-	4/0ACSR	0	0	861	299	12	0	0	0.00	2.33	0
CO17052+	CO11354	9.31	1 1-	4/0ACSR	0	0	857	299	12	0	0	0.00	2.33	0
CO10974+	CO10946	8.58	7 1-	4/0ACSR	0	0	909	303	20	1	0	0.00	2.28	0
OC303+	CO10974	8.58	7 1-	10 N FUSE	0	0	909	303	20	1	14	0.00	2.28	0
CO10975+	OC303	8.65	7 1-	4/0ACSR	0	0	903	302	20	1	0	0.00	2.28	0
CO10867+	CO10975	8.99	7 1-	4/0ACSR	0	0	879	300	20	1	0	0.00	2.29	0
CO10865+	CO10867	9.10	6 1-	4/0ACSR	0	0	871	300	13	0	0	0.00	2.29	0
CO10866+	CO10865	9.19	4 1-	4/0ACSR	0	0	866	299	12	0	0	0.00	2.29	0
CO10844+	CO10866	9.23	2 1-	4/0ACSR	0	0	863	299	4	0	0	0.00	2.29	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10923+	CO10866	9.31	1 1-	4/0ACSR	0	0	858	299	8	0	0	0.00	2.29	0
CO10843+	CO10923	9.39	1 1-	4/0ACSR	0	0	852	298	8	0	0	0.00	2.29	0
CO10924+	CO10923	9.42	0 1-	4/0ACSR	0	0	851	298	0	0	0	0.00	2.29	0
CO10845+	CO10867	9.08	1 1-	4ACSR	0	0	868	299	7	0	0	0.00	2.29	0
CO9703+	CO9923	8.11	4 1-	4/0ACSR	0	0	945	306	29	2	1	0.00	2.22	0
OC-1226041511+	CO9703	8.11	2 1-	20 N FUSE	0	0	945	306	12	0	4	0.00	2.22	0
CO9730+	OC-1226041511	8.15	0 1-	4/0ACSR	0	0	942	305	0	0	0	0.00	2.22	0
CO9729+	OC-1226041511	8.22	1 1-	4/0ACSR	0	0	937	305	3	0	0	0.00	2.22	0
CO9926+	OC-1226041511	8.30	1 1-	4/0ACSR	0	0	930	305	9	0	0	0.00	2.22	0
CO9927+	CO9926	8.32	0 1-	4/0ACSR	0	0	928	304	0	0	0	0.00	2.22	0
CO17011+	CO9923	8.07	82 3-	1/0ACSR	1160	1088	947	306	498	11	5	0.00	2.22	3
CO10303+	CO17011	8.08	82 3-	1/0ACSR	1159	1087	947	306	498	11	5	0.00	2.22	0
OC-1067373804+	CO10303	8.08	82 3-	20 N FUSE	1159	1087	947	306	498	11	57	0.00	2.22	0
CO10304+	OC-1067373804	8.09	82 3-	1/0ACSR	1158	1086	946	306	498	11	5	0.00	2.22	0
CO10302+	CO10304	8.23	81 3-	1/0ACSR	1144	1073	932	304	489	11	5	0.01	2.24	10
CO10254+	CO10302	8.26	80 3-	1/0ACSR	1140	1069	929	304	484	11	5	0.00	2.24	3
CO10199+	CO10254	8.37	80 3-	1/0ACSR	1130	1060	919	303	484	11	5	0.01	2.25	8
CO10143+	CO10199	8.40	80 3-	1/0ACSR	1127	1057	916	303	484	11	5	0.00	2.25	0
XFMR252	CO10143	8.40	38 1-	167 KVA 1PH AUT	0	0	592	167	210	14	124	0.75	3.01	0
CO10252	XFMR252	8.58	38 1-	4ACSR	0	0	578	165	210	28	21	0.23	3.24	78
CO10253	CO10252	8.82	37 1-	4ACSR	0	0	557	163	209	28	21	0.32	3.56	110
CO10197	CO10253	8.84	37 1-	4ACSR	0	0	556	163	209	28	21	0.03	3.58	9
CO10144	CO10197	8.92	36 1-	4ACSR	0	0	550	162	198	27	20	0.09	3.67	30
CO10167	CO10144	8.97	0 1-	4ACSR	0	0	546	161	0	0	0	0.00	3.67	0
CO10284	CO10144	9.02	36 1-	4ACSR	0	0	541	161	198	27	20	0.13	3.80	42
CO10285	CO10284	9.04	35 1-	4ACSR	0	0	540	161	194	26	19	0.02	3.83	8
CO10166	CO10285	9.08	1 1-	4ACSR	0	0	537	160	12	1	1	0.00	3.83	0
CO10198	CO10285	9.15	34 1-	4ACSR	0	0	531	160	182	25	18	0.12	3.94	34
CO17025	CO10198	9.27	33 1-	4ACSR	0	0	522	158	179	24	18	0.13	4.07	38
CO11253	CO17025	9.35	32 1-	4ACSR	0	0	516	158	165	22	16	0.08	4.16	23
CO11252	CO11253	9.36	32 1-	4ACSR	0	0	515	157	165	22	16	0.01	4.17	4
CO11251	CO11252	9.47	32 1-	4ACSR	0	0	507	156	165	22	16	0.11	4.28	30
CO11181	CO11251	9.61	30 1-	4ACSR	0	0	496	155	162	22	16	0.14	4.42	38
CO11182	CO11181	9.78	25 1-	4ACSR	0	0	484	154	139	19	14	0.15	4.57	33
CO11217	CO11182	9.85	1 1-	4ACSR	0	0	479	153	0	0	0	0.00	4.57	0
CO11183	CO11182	9.97	24 1-	4ACSR	0	0	471	152	139	19	14	0.17	4.74	39
CO11243	CO11183	10.26	22 1-	4ACSR	0	0	452	149	139	19	14	0.25	4.98	57
CO11184	CO11243	10.75	0 1-	4ACSR	0	0	422	145	0	0	0	0.00	4.98	0
CO11218	CO11243	10.41	2 1-	4ACSR	0	0	442	148	6	0	1	0.00	4.99	0
CO11242	CO11243	10.40	20 1-	4ACSR	0	0	443	148	133	18	13	0.12	5.10	26
CO17121	CO11242	10.69	20 1-	4ACSR	0	0	425	146	133	18	13	0.24	5.35	54
CO11485	CO17121	10.79	3 1-	4ACSR	0	0	420	145	36	4	4	0.01	5.36	0
CO11486	CO11485	10.94	1 1-	4ACSR	0	0	411	144	9	1	1	0.01	5.37	0
CO11536	CO11486	11.01	1 1-	4ACSR	0	0	407	143	9	1	1	0.00	5.37	0
CO11533	CO11536	11.17	1 1-	4ACSR	0	0	399	142	9	1	1	0.01	5.38	0
CO11535	CO11533	11.43	1 1-	4ACSR	0	0	385	140	9	1	1	0.01	5.39	0
OC63733989	CO11535	11.43	1 1-	20 N FUSE	0	0	385	140	9	1	6	0.00	5.39	0
CO11534	OC63733989	11.47	1 1-	4ACSR	0	0	383	139	9	1	1	0.00	5.40	0
CO11471	CO11534	11.52	1 1-	4ACSR	0	0	380	139	9	1	1	0.00	5.40	0
CO11495	CO17121	10.78	17 1-	4ACSR	0	0	420	145	97	13	10	0.05	5.39	7
CO11544	CO11495	10.79	16 1-	4ACSR	0	0	420	145	86	12	9	0.01	5.40	0
CO11545	CO11544	10.96	16 1-	4ACSR	0	0	410	143	86	12	9	0.09	5.50	14

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11488	CO11545	11.03	1 1-	4ACSR	0	0	406	143	3	0	0	0.00	5.50	0
CO11538	CO11488	11.04	0 1-	4ACSR	0	0	406	143	0	0	0	0.00	5.50	0
CO11539	CO11538	11.28	0 1-	4ACSR	0	0	393	141	0	0	0	0.00	5.50	0
CO11487	CO11545	11.11	15 1-	4ACSR	0	0	401	142	84	11	8	0.08	5.57	11
CO11537	CO11487	11.28	15 1-	4ACSR	0	0	393	141	84	11	8	0.09	5.66	12
OC1266872383	CO11537	11.28	15 1-	20 N FUSE	0	0	393	141	84	11	59	0.00	5.66	0
CO17042	OC1266872383	11.32	15 1-	4ACSR	0	0	391	141	84	11	8	0.02	5.68	2
CO10637	CO17042	11.48	14 1-	4ACSR	0	0	383	139	72	10	7	0.07	5.75	9
CO10636	CO10637	11.58	13 1-	4ACSR	0	0	377	139	72	10	7	0.05	5.80	6
CO10562	CO10636	11.62	2 1-	4ACSR	0	0	376	138	10	1	1	0.00	5.80	0
CO10583	CO10636	11.72	11 1-	4ACSR	0	0	371	138	62	8	6	0.05	5.85	5
CO10584	CO10583	11.90	11 1-	4ACSR	0	0	363	136	62	8	6	0.07	5.92	7
CO10662	CO10584	11.99	4 1-	4ACSR	0	0	358	136	32	4	3	0.02	5.94	0
CO1484008182	CO10662	12.03	1 1-	2ACSR	0	0	357	135	11	1	1	0.00	5.94	0
CO-2104999040	CO1484008182	12.07	1 1-	2ACSR	0	0	356	135	11	1	1	0.00	5.95	0
CO-1140292779	CO1484008182	12.08	0 1-	2ACSR	0	0	355	135	0	0	0	0.00	5.94	0
CO10663	CO10662	12.09	3 1-	4ACSR	0	0	354	135	21	2	2	0.01	5.95	0
CO10585	CO10663	12.16	1 1-	4ACSR	0	0	351	134	14	1	1	0.01	5.96	0
CO10586	CO10585	12.30	1 1-	4ACSR	0	0	345	133	14	1	1	0.01	5.97	0
CO10538	CO10584	11.98	7 1-	4ACSR	0	0	359	136	30	4	3	0.02	5.94	0
CO10539	CO10538	12.15	5 1-	4ACSR	0	0	351	134	28	3	3	0.03	5.97	0
CO10616	CO10539	12.23	2 1-	4ACSR	0	0	348	134	14	1	1	0.01	5.98	0
CO10617	CO10616	12.30	1 1-	4ACSR	0	0	345	133	8	1	1	0.00	5.98	0
CO10540	CO10539	12.19	3 1-	4ACSR	0	0	349	134	15	2	1	0.00	5.97	0
CO10563	CO10540	12.31	1 1-	4ACSR	0	0	344	133	10	1	1	0.00	5.98	0
CO10635	CO10540	12.28	2 1-	4ACSR	0	0	346	134	5	0	0	0.00	5.98	0
CO10634	CO10635	12.36	1 1-	4ACSR	0	0	342	133	0	0	0	0.00	5.98	0
CO10564	CO10538	12.05	1 1-	4ACSR	0	0	356	135	2	0	0	0.00	5.94	0
CO11234	CO11183	10.01	0 1-	4ACSR	0	0	468	151	0	0	0	0.00	4.74	0
CO11247	CO11181	9.76	3 1-	4ACSR	0	0	486	154	10	1	1	0.01	4.43	0
CO11248	CO11247	9.83	1 1-	4ACSR	0	0	481	153	5	0	1	0.00	4.43	0
CO11245	CO11181	9.65	2 1-	4ACSR	0	0	494	155	12	1	1	0.00	4.43	0
CO11246	CO11245	9.68	2 1-	4ACSR	0	0	491	154	12	1	1	0.00	4.43	0
CO11244	CO11246	9.75	1 1-	4ACSR	0	0	486	154	10	1	1	0.00	4.43	0
CO11249	CO11251	9.58	2 1-	4ACSR	0	0	499	155	3	0	0	0.00	4.28	0
CO11250	CO11249	9.93	2 1-	4ACSR	0	0	474	152	3	0	0	0.00	4.29	0
CO10229	CO10197	8.89	0 1-	4ACSR	0	0	552	162	0	0	0	0.00	3.58	0
CO10230	CO10229	9.20	0 1-	4ACSR	0	0	527	159	0	0	0	0.00	3.58	0
CO10306+	CO10143	8.41	42 1-	4ACSR	0	0	914	302	275	18	14	0.00	2.26	0
CO10307+	CO10306	8.43	42 1-	4ACSR	0	0	912	302	275	18	14	0.01	2.27	4
XFMR98	CO10307	8.43	42 1-	167 KVA 1PH AUT	0	0	591	167	275	18	163	1.03	3.30	0
CO-230524182	XFMR98	8.47	42 1-	2ACSR	0	0	588	167	275	37	21	0.05	3.35	21
CO-411434699	CO-230524182	8.49	42 1-	2ACSR	0	0	587	167	275	37	21	0.02	3.37	8
OC727317117	CO-411434699	8.49	42 1-	25 H OCR	0	0	587	167	275	37	152	0.00	3.37	0
CO10196	OC727317117	8.59	42 1-	2ACSR	0	0	579	166	275	37	21	0.13	3.49	54
CO10309	CO10196	8.77	41 1-	2ACSR	0	0	566	165	272	37	21	0.21	3.70	87
CO10251	CO10309	8.85	40 1-	2ACSR	0	0	561	164	265	36	20	0.09	3.79	37
CO10250	CO10251	9.05	40 1-	2ACSR	0	0	547	163	265	36	20	0.22	4.01	92
CO10163	CO10250	9.21	1 1-	4ACSR	0	0	535	161	2	0	0	0.00	4.01	0
CO10162	CO10250	9.13	1 1-	4ACSR	0	0	541	162	2	0	0	0.00	4.01	0
CO10168	CO10250	9.09	1 1-	4ACSR	0	0	544	162	8	1	1	0.00	4.01	0
CO10195	CO10250	9.27	32 1-	2ACSR	0	0	532	161	237	32	18	0.23	4.23	86

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10287	CO10195	9.35	32 1-	2ACSR	0	0	527	160	236	32	18	0.08	4.32	31
CO10286	CO10287	9.46	32 1-	2ACSR	0	0	520	160	236	32	18	0.11	4.43	42
CO10194	CO10286	9.52	32 1-	2ACSR	0	0	516	159	236	32	18	0.06	4.49	24
OC361561781	CO10194	9.52	32 1-	20 N FUSE	0	0	516	159	236	32	164	0.00	4.49	0
CO10193	OC361561781	9.59	32 1-	2ACSR	0	0	512	159	236	32	18	0.06	4.56	24
CO10192	CO10193	9.72	31 1-	2ACSR	0	0	503	158	235	32	18	0.13	4.69	50
CO10293	CO10192	9.81	30 1-	2ACSR	0	0	498	157	230	31	18	0.08	4.77	30
CO10182	CO10293	9.87	1 1-	4ACSR	0	0	494	157	0	0	0	0.00	4.77	0
CO10292	CO10293	9.84	26 1-	2ACSR	0	0	496	157	204	28	16	0.02	4.80	7
CO10243	CO10292	9.93	25 1-	2ACSR	0	0	491	156	194	27	15	0.08	4.87	24
CO10191	CO10243	9.98	25 1-	2ACSR	0	0	488	156	194	27	15	0.05	4.92	14
CO10141	CO10191	10.08	24 1-	2ACSR	0	0	482	155	184	25	14	0.07	4.99	21
CO10159	CO10141	10.29	0 1-	4ACSR	0	0	468	153	0	0	0	0.00	4.99	0
CO10146	CO10141	10.14	22 1-	2ACSR	0	0	479	155	166	23	13	0.04	5.03	11
CO10204	CO10146	10.20	21 1-	2ACSR	0	0	476	155	159	22	12	0.04	5.07	10
CO10203	CO10204	10.34	21 1-	2ACSR	0	0	468	154	159	22	12	0.10	5.17	24
CO10202	CO10203	10.38	20 1-	2ACSR	0	0	466	153	157	22	12	0.03	5.20	7
CO10291	CO10202	10.52	20 1-	2ACSR	0	0	458	153	157	22	12	0.09	5.29	23
CO10290	CO10291	10.55	19 1-	2ACSR	0	0	456	152	156	21	12	0.02	5.31	6
CO10201	CO10290	10.62	19 1-	2ACSR	0	0	453	152	156	21	12	0.05	5.36	13
CO10200	CO10201	10.82	19 1-	2ACSR	0	0	443	151	156	21	12	0.13	5.50	33
CO10242	CO10200	10.84	17 1-	2ACSR	0	0	442	151	134	18	10	0.01	5.51	3
CO10241	CO10242	10.87	17 1-	2ACSR	0	0	440	150	134	18	10	0.01	5.52	3
CO-719455691	CO10241	10.92	1 1-	2ACSR	0	0	438	150	11	1	1	0.00	5.52	0
CO10205	CO10241	10.92	16 1-	2ACSR	0	0	438	150	124	17	10	0.03	5.55	6
CO10208	CO10205	10.96	15 1-	2ACSR	0	0	436	150	121	16	9	0.02	5.57	4
CO10207	CO10208	11.16	15 1-	2ACSR	0	0	426	149	121	16	9	0.10	5.68	20
CO10206	CO10207	11.25	15 1-	2ACSR	0	0	422	148	121	16	9	0.05	5.72	9
CO10190	CO10206	11.31	13 1-	2ACSR	0	0	419	148	106	14	8	0.03	5.75	5
CO17024	CO10190	11.38	13 1-	2ACSR	0	0	416	147	106	14	8	0.04	5.78	6
CO10534	CO17024	11.44	10 1-	2ACSR	0	0	413	147	88	12	7	0.02	5.81	3
CO10672	CO10534	11.51	7 1-	2ACSR	0	0	410	146	58	8	5	0.02	5.82	0
CO10671	CO10672	11.51	7 1-	2ACSR	0	0	410	146	58	8	5	0.00	5.83	0
CO10576	CO10671	11.53	0 1-	2ACSR	0	0	409	146	0	0	0	0.00	5.83	0
CO10535	CO10671	11.63	7 1-	4ACSR	0	0	404	145	58	8	6	0.04	5.87	4
CO10649	CO10535	11.67	6 1-	4ACSR	0	0	402	145	44	6	4	0.01	5.88	0
CO10650	CO10649	11.74	5 1-	4ACSR	0	0	398	144	39	5	4	0.02	5.90	0
CO10541	CO10650	11.81	4 1-	4ACSR	0	0	395	144	38	5	4	0.02	5.91	0
CO10647	CO10541	11.83	3 1-	4ACSR	0	0	394	144	38	5	4	0.00	5.92	0
CO10648	CO10647	11.97	2 1-	4ACSR	0	0	387	143	22	3	2	0.01	5.93	0
CO10646	CO10648	12.14	1 1-	4ACSR	0	0	379	141	2	0	0	0.00	5.93	0
CO10554	CO10541	11.89	1 1-	4ACSR	0	0	391	143	0	0	0	0.00	5.91	0
CO10565	CO10650	11.79	1 1-	4ACSR	0	0	396	144	1	0	0	0.00	5.90	0
CO10555	CO10535	11.69	1 1-	4ACSR	0	0	401	145	14	2	1	0.00	5.87	0
CO10536	CO10534	11.49	3 1-	4ACSR	0	0	411	146	30	4	3	0.01	5.81	0
OC-1987291966	CO10536	11.49	2 1-	20 N FUSE	0	0	411	146	23	3	16	0.00	5.81	0
CO10556	OC-1987291966	11.59	1 1-	4ACSR	0	0	405	146	11	1	1	0.00	5.82	0
CO10580	OC-1987291966	11.63	1 1-	4ACSR	0	0	403	145	12	1	1	0.01	5.83	0
CO17023	CO10580	11.71	1 1-	4ACSR	0	0	399	145	12	1	1	0.01	5.83	0
CO10233	CO17023	11.81	0 1-	4ACSR	0	0	394	144	0	0	0	0.00	5.83	0
OC-393571730	CO10233	11.81	0 1-	20 N FUSE	0	0	394	144	0	0	0	120.17	126.00	0
CO10308	CO17023	11.76	1 1-	4ACSR	0	0	397	144	12	1	1	0.00	5.83	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17028	CO10308	11.87	1 1-	4ACSR	0	0	391	143	12	1	1	0.01	5.84	0
CO10618	CO17028	11.92	1 1-	4ACSR	0	0	389	143	12	1	1	0.00	5.85	0
CO10619	CO10618	11.99	1 1-	4ACSR	0	0	385	142	12	1	1	0.01	5.85	0
CO10620	CO10619	12.05	1 1-	4ACSR	0	0	383	142	12	1	1	0.00	5.86	0
CO10558	CO17024	11.42	2 1-	4ACSR	0	0	414	147	9	1	1	0.00	5.79	0
CO10557	CO17024	11.43	1 1-	4ACSR	0	0	413	147	9	1	1	0.00	5.79	0
CO10172	CO10206	11.32	1 1-	4ACSR	0	0	418	147	6	0	1	0.00	5.72	0
CO10231	CO10206	11.29	1 1-	4ACSR	0	0	420	148	9	1	1	0.00	5.72	0
CO10232	CO10231	11.34	1 1-	4ACSR	0	0	417	147	9	1	1	0.00	5.72	0
CO10171	CO10205	10.96	0 1-	4ACSR	0	0	435	150	0	0	0	0.00	5.55	0
CO10244	CO10200	10.89	2 1-	4ACSR	0	0	439	150	22	3	2	0.01	5.50	0
CO10245	CO10244	10.93	1 1-	4ACSR	0	0	436	150	13	1	1	0.00	5.51	0
CO10246	CO10245	11.10	1 1-	4ACSR	0	0	427	148	13	1	1	0.01	5.52	0
CO-1113532503	CO10246	11.44	1 1-	2ACSR	0	0	411	146	13	1	1	0.01	5.53	0
CO10184	CO10291	10.54	1 1-	2ACSR	0	0	457	152	1	0	0	0.00	5.29	0
CO10170	CO10146	10.19	1 1-	6ACWC	0	0	476	155	6	0	1	0.00	5.03	0
CO10161	CO10191	10.06	0 1-	4ACSR	0	0	483	155	0	0	0	0.00	4.92	0
CO10160	CO10191	10.05	1 1-	4ACSR	0	0	483	155	10	1	1	0.00	4.92	0
CO10227	CO10193	9.73	1 1-	4ACSR	0	0	502	157	1	0	0	0.00	4.56	0
CO10228	CO10227	9.82	0 1-	4ACSR	0	0	495	157	0	0	0	0.00	4.56	0
CO10247	CO10250	9.10	4 1-	4ACSR	0	0	543	162	14	1	1	0.00	4.01	0
CO10248	CO10247	9.26	2 1-	4ACSR	0	0	530	160	0	0	0	0.00	4.01	0
CO10249	CO10248	9.57	1 1-	4ACSR	0	0	508	157	0	0	0	0.00	4.01	0
CO10164	OC727317117	8.58	0 1-	4ACSR	0	0	579	166	0	0	0	0.00	3.37	0
CO10165+	CO10199	8.44	0 1-	4ACSR	0	0	909	302	0	0	0	0.00	2.25	0
CO9920+	CO9919	7.87	3 1-	4/0ACSR	0	0	964	307	4	0	0	0.00	2.18	0
OC-845531705+	CO9920	7.87	3 1-	20 N FUSE	0	0	964	307	4	0	1	0.00	2.18	0
CO9921+	OC-845531705	7.92	3 1-	4/0ACSR	0	0	961	307	4	0	0	0.00	2.18	0
CO9908+	CO9907	7.76	3 1-	4/0ACSR	0	0	974	308	0	0	0	0.00	2.15	0
OC-468346150+	CO9908	7.76	1 1-	20 N FUSE	0	0	974	308	0	0	0	0.00	2.15	0
CO9909+	OC-468346150	7.86	1 1-	4/0ACSR	0	0	966	307	0	0	0	0.00	2.15	0
CO9910+	CO9909	7.95	1 1-	4/0ACSR	0	0	958	307	0	0	0	0.00	2.15	0
CO9728+	CO9702	7.11	0 1-	4/0ACSR	0	0	1033	312	0	0	0	0.00	2.03	0
CO9898+	CO9699	6.65	3 1-	4/0ACSR	0	0	1079	314	6	0	0	0.00	1.94	0
OC1542534065+	CO9898	6.65	3 1-	20 N FUSE	0	0	1079	314	6	0	2	0.00	1.94	0
CO9899+	OC1542534065	6.73	2 1-	4/0ACSR	0	0	1071	314	0	0	0	0.00	1.94	0
CO9900+	CO9899	6.80	2 1-	4/0ACSR	0	0	1064	313	0	0	0	0.00	1.94	0
CO1827014274+	CO9900	6.86	1 1-	2ACSR	0	0	1056	313	0	0	0	0.00	1.94	0
CO9725+	OC1542534065	6.77	1 1-	4/0ACSR	0	0	1067	314	6	0	0	0.00	1.94	0
CO9865+	CO9932	5.92	20 1-	6ACWC	0	0	1160	318	102	6	5	0.00	1.81	0
OC1473346288+	CO9865	5.92	20 1-	35 L OCR	0	0	1160	318	102	6	20	0.00	1.81	0
CO9866+	OC1473346288	5.95	20 1-	6ACWC	0	0	1155	318	102	6	5	0.00	1.82	0
CO9867+	CO9866	6.10	20 1-	6ACWC	0	0	1126	315	102	6	5	0.02	1.84	4
CO9868+	CO9867	6.18	20 1-	6ACWC	0	0	1109	313	102	6	5	0.01	1.85	2
CO9869+	CO9868	6.24	19 1-	6ACWC	0	0	1099	312	98	6	5	0.01	1.86	0
CO9870+	CO9869	6.47	18 1-	6ACWC	0	0	1058	308	95	6	5	0.03	1.89	5
CO9871+	CO9870	6.54	16 1-	6ACWC	0	0	1046	307	86	5	4	0.01	1.90	0
CO9698+	CO9871	6.68	14 1-	6ACWC	0	0	1022	304	85	5	4	0.02	1.92	2
CO9872+	CO9698	6.75	12 1-	6ACWC	0	0	1011	303	70	4	3	0.01	1.93	0
CO9873+	CO9872	6.78	12 1-	6ACWC	0	0	1006	303	70	4	3	0.00	1.93	0
CO9874+	CO9873	7.03	11 1-	6ACWC	0	0	966	298	66	4	3	0.03	1.95	3
CO9875+	CO9874	7.19	10 1-	6ACWC	0	0	943	296	65	4	3	0.02	1.97	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9877+	CO9875	7.31	2 1-	2ACSR	0	0	928	294	9	0	0	0.00	1.97	0
CO9878+	CO9877	7.45	1 1-	2ACSR	0	0	912	292	9	0	0	0.00	1.97	0
CO9876+	CO9875	7.22	7 1-	6ACWC	0	0	938	295	55	3	3	0.00	1.97	0
CO9879+	CO9876	7.30	7 1-	6ACWC	0	0	926	294	55	3	3	0.01	1.98	0
CO9880+	CO9879	7.34	6 1-	6ACWC	0	0	921	293	51	3	3	0.00	1.98	0
CO9881+	CO9880	7.38	6 1-	6ACWC	0	0	915	292	51	3	3	0.00	1.98	0
CO9882+	CO9881	7.49	4 1-	6ACWC	0	0	900	291	37	2	2	0.01	1.99	0
CO9757+	CO9882	7.54	1 1-	2ACSR	0	0	895	290	14	0	1	0.00	1.99	0
CO9756+	CO9882	7.52	1 1-	2ACSR	0	0	897	290	16	1	1	0.00	1.99	0
CO9883+	CO9882	7.54	2 1-	6ACWC	0	0	893	290	7	0	0	0.00	1.99	0
CO9884+	CO9883	7.60	2 1-	6ACWC	0	0	886	289	7	0	0	0.00	1.99	0
CO9722+	CO9884	7.64	1 1-	6ACWC	0	0	880	288	4	0	0	0.00	1.99	0
CO9732+	CO9884	7.65	1 1-	4ACSR	0	0	878	288	2	0	0	0.00	1.99	0
CO9885+	CO9884	7.64	0 1-	6ACWC	0	0	880	288	0	0	0	0.00	1.99	0
CO9886+	CO9885	7.82	0 1-	6ACWC	0	0	857	285	0	0	0	0.00	1.99	0
CO17014+	CO9886	7.91	0 1-	6ACWC	0	0	845	284	0	0	0	0.00	1.99	0
CO10918+	CO17014	8.15	0 1-	6ACWC	0	0	817	280	0	0	0	0.00	1.99	0
CO9723+	CO9885	7.68	0 1-	6ACWC	0	0	874	287	0	0	0	0.00	1.99	0
CO9724+	CO9698	6.73	1 1-	1/0ACSR	0	0	1017	304	10	0	0	0.00	1.92	0
CO9721+	CO9871	6.61	1 1-	6ACWC	0	0	1034	306	0	0	0	0.00	1.90	0
CO9887+	CO9932	5.96	8 1-	4ACSR	0	0	1152	318	41	2	2	0.00	1.81	0
CO9888+	CO9887	6.02	5 1-	4ACSR	0	0	1141	316	18	1	1	0.00	1.81	0
CO9889+	CO9888	6.05	4 1-	4ACSR	0	0	1135	316	13	0	1	0.00	1.81	0
CO9890+	CO9889	6.08	2 1-	4ACSR	0	0	1129	315	7	0	0	0.00	1.81	0
CO9891+	CO9890	6.15	1 1-	4ACSR	0	0	1115	314	1	0	0	0.00	1.81	0
CO9750+	CO9813	5.38	3 1-	1/0ACSR	0	0	1236	323	4	0	0	0.00	1.62	0
OC1957242874+	CO9750	5.38	0 1-	20 N FUSE	0	0	1236	323	0	0	0	0.00	1.62	0
CO9814+	CO9712	5.09	1 1-	750 MCM - 42 WI	0	0	1287	326	1	0	0	0.00	1.53	0
OC-670830926+	CO9814	5.09	0 1-	20 N FUSE	0	0	1287	326	0	0	0	0.00	1.53	0
CO9809+	CO9712	5.16	4 1-	1/0ACSR	0	0	1274	325	22	1	1	0.00	1.53	0
OC-1046164198+	CO9809	5.16	2 1-	20 N FUSE	0	0	1274	325	13	0	4	0.00	1.53	0
CO9810+	OC-1046164198	5.26	2 1-	1/0ACSR	0	0	1256	324	13	0	0	0.00	1.53	0
CO9808+	CO9712	5.10	0 1-	1/0ACSR	0	0	1285	325	0	0	0	0.00	1.53	0
CO9806+	CO9805	5.07	5 1-	1/0ACSR	0	0	1289	326	23	1	1	0.00	1.49	0
OC-287748191+	CO9806	5.07	2 1-	20 N FUSE	0	0	1289	326	7	0	2	0.00	1.49	0
CO9807+	OC-287748191	5.12	2 1-	1/0ACSR	0	0	1280	325	7	0	0	0.00	1.49	0
CO9800+	CO9711	4.97	2 1-	1/0ACSR	0	0	1307	327	11	0	0	0.00	1.46	0
OC1787056113+	CO9800	4.97	1 1-	20 N FUSE	0	0	1307	327	6	0	2	0.00	1.46	0
CO9801+	OC1787056113	5.00	1 1-	1/0ACSR	0	0	1301	326	6	0	0	0.00	1.46	0
CO9802+	CO9801	5.19	1 1-	1/0ACSR	0	0	1268	325	6	0	0	0.00	1.46	0
CO9803+	CO9802	5.25	1 1-	1/0ACSR	0	0	1258	324	6	0	0	0.00	1.46	0
CO9751+	CO9796	4.92	4 1-	1/0ACSR	0	0	1317	327	19	1	1	0.00	1.43	0
OC991926163+	CO9751	4.92	0 1-	20 N FUSE	0	0	1317	327	0	0	0	0.00	1.43	0
CO9799+	CO9796	4.94	1 1-	2ACSR	0	0	1310	327	4	0	0	0.00	1.43	0
OC1763992657+	CO9799	4.94	1 1-	20 N FUSE	0	0	1310	327	4	0	1	0.00	1.43	0
CO9797+	OC1763992657	5.02	1 1-	2ACSR	0	0	1293	325	4	0	0	0.00	1.43	0
CO9798+	CO9796	4.92	2 1-	2ACSR	0	0	1314	327	16	1	1	0.00	1.43	0
OC-476052178+	CO9798	4.92	1 1-	20 N FUSE	0	0	1314	327	8	0	3	0.00	1.43	0
CO250122491+	OC-476052178	4.98	1 1-	2ACSR	0	0	1303	326	8	0	0	0.00	1.43	0
CO9793+	CO9792	4.64	4 1-	1/0ACSR	0	0	1371	330	20	1	1	0.00	1.31	0
OC1252484730+	CO9793	4.64	4 1-	20 N FUSE	0	0	1371	330	20	1	7	0.00	1.31	0
CO9754+	OC1252484730	4.67	2 1-	500 MCM ACSR 30	0	0	1367	330	17	1	0	0.00	1.31	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9753+	OC1252484730	4.68	1 1-	4ACSR	0	0	1361	329	2	0	0	0.00	1.31	0
CO9794+	OC1252484730	4.66	1 1-	1/0ACSR	0	0	1366	330	0	0	0	0.00	1.31	0
CO9710+	CO16998	4.59	286 3-	1/0ACSR	1567	1493	1381	331	1444	32	14	0.02	1.29	56
CO17000+	CO9710	4.59	281 3-	1/0ACSR	1566	1492	1380	331	1421	31	14	0.00	1.29	4
OC246+	CO17000	4.59	281 3-	100 E OCR	1566	1492	1380	331	1421	31	32	0.00	1.29	0
CO17001+	OC246	4.71	281 3-	1/0ACSR	1547	1472	1357	329	1421	31	14	0.03	1.32	64
CO9242+	CO17001	4.77	280 3-	1/0ACSR	1536	1462	1346	329	1412	31	14	0.01	1.33	34
CO9241+	CO9242	4.87	279 3-	1/0ACSR	1519	1444	1326	328	1409	31	14	0.02	1.35	59
CO16999+	CO9241	5.03	277 3-	1/0ACSR	1492	1416	1296	326	1398	31	14	0.04	1.39	91
CO9789+	CO16999	5.15	275 3-	1/0ACSR	1473	1397	1275	325	1387	30	13	0.03	1.42	65
CO9790+	CO9789	5.41	274 3-	1/0ACSR	1432	1357	1231	322	1380	30	13	0.06	1.47	141
CO9716+	CO9790	5.52	1 1-	1/0ACSR	0	0	1213	321	5	0	0	0.00	1.47	0
OC418945402+	CO9716	5.52	0 1-	20 N FUSE	0	0	1213	321	0	0	0	0.00	1.47	0
CO9785+	CO9790	5.65	272 3-	1/0ACSR	1397	1321	1192	320	1370	30	13	0.05	1.53	128
CO9786+	CO9785	5.72	270 3-	1/0ACSR	1387	1312	1182	319	1366	30	13	0.01	1.54	36
CO9787+	CO9786	5.80	269 3-	1/0ACSR	1376	1301	1170	319	1362	30	13	0.02	1.56	41
CO9788+	CO9787	5.93	269 3-	1/0ACSR	1357	1282	1150	317	1362	30	13	0.03	1.59	72
CO9758+	CO9788	5.97	1 1-	2ACSR	0	0	1143	317	3	0	0	0.00	1.59	0
OC-273738093+	CO9758	5.97	0 1-	20 N FUSE	0	0	1143	317	0	0	0	0.00	1.59	0
CO9784+	CO9788	6.01	268 3-	1/0ACSR	1347	1272	1140	317	1359	30	13	0.02	1.60	38
CO16983+	CO9784	6.10	266 3-	1/0ACSR	1334	1259	1126	316	1341	29	13	0.02	1.62	51
CO9782+	CO9783	6.19	266 3-	1/0ACSR	1322	1248	1114	315	1341	29	13	0.02	1.64	43
CO9778+	CO9782	6.23	266 3-	1/0ACSR	1317	1243	1109	314	1340	29	13	0.01	1.65	20
CO9779+	CO9778	6.26	265 3-	1/0ACSR	1313	1239	1105	314	1332	29	13	0.01	1.66	16
CO9780+	CO9779	6.29	265 3-	1/0ACSR	1310	1236	1101	314	1332	29	13	0.01	1.66	14
CO9781+	CO9780	6.40	265 3-	1/0ACSR	1295	1222	1086	313	1332	29	13	0.02	1.69	57
CO9720+	CO9781	6.45	0 1-	1/0ACSR	0	0	1080	312	0	0	0	0.00	1.69	0
CO9719+	CO9781	6.44	0 1-	1/0ACSR	0	0	1080	312	0	0	0	0.00	1.69	0
OC909631188+	CO9719	6.44	0 1-	20 N FUSE	0	0	1080	312	0	0	0	0.00	1.69	0
CO9775+	CO9781	6.53	265 3-	1/0ACSR	1279	1206	1069	312	1331	29	13	0.03	1.71	67
CO9776+	CO9775	6.59	265 3-	1/0ACSR	1271	1199	1062	311	1331	29	13	0.01	1.73	30
CO9777+	CO9776	6.73	264 3-	1/0ACSR	1254	1182	1044	310	1322	29	13	0.03	1.76	71
CO9773+	CO9777	6.83	263 3-	1/0ACSR	1242	1171	1032	309	1312	29	13	0.02	1.78	49
CO9774+	CO9773	6.93	262 3-	1/0ACSR	1230	1159	1020	308	1300	29	13	0.02	1.80	51
CO9928+	CO9774	6.94	37 1-	6ACWC	0	0	1019	308	187	12	9	0.00	1.80	0
OC264+	CO9928	6.94	37 1-	35 H OCR	0	0	1019	308	187	12	36	0.00	1.80	0
CO-1258166927+	OC264	7.07	37 1-	2ACSR	0	0	1003	306	187	12	7	0.02	1.82	7
AU15	CO-1258166927	7.07	37 1-	167 KVA 1PH AUT	0	0	610	168	187	12	110	0.65	2.48	0
CO2075917900	AU15	7.11	36 1-	2ACSR	0	0	606	167	178	24	14	0.03	2.51	10
CO16996	CO2075917900	7.44	36 1-	6ACWC	0	0	578	164	178	24	17	0.35	2.86	102
CO17113	CO16996	7.50	1 1-	6ACWC	0	0	573	163	9	1	1	0.00	2.87	0
CO9221	CO16996	7.49	35 1-	6ACWC	0	0	574	164	168	23	16	0.05	2.91	14
CO9222	CO9221	7.64	35 1-	6ACWC	0	0	561	162	168	23	16	0.16	3.07	43
CO9135	CO9222	7.76	0 1-	6ACWC	0	0	551	161	0	0	0	0.00	3.07	0
CO9231	CO9222	7.83	35 1-	6ACWC	0	0	545	160	168	23	16	0.19	3.26	53
CO9294	CO9231	7.98	31 1-	6ACWC	0	0	533	159	158	21	16	0.14	3.41	36
CO9295	CO9294	8.07	30 1-	6ACWC	0	0	526	158	152	20	15	0.08	3.48	19
CO9228	CO9295	8.14	28 1-	6ACWC	0	0	521	157	139	19	14	0.05	3.54	12
CO9227	CO9228	8.18	26 1-	6ACWC	0	0	517	157	118	16	12	0.03	3.57	6
CO9226	CO9227	8.25	26 1-	6ACWC	0	0	512	156	118	16	12	0.05	3.62	9
CO9225	CO9226	8.34	24 1-	6ACWC	0	0	505	155	104	14	10	0.06	3.67	10
CO9224	CO9225	8.39	23 1-	6ACWC	0	0	501	155	100	13	10	0.03	3.70	5

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9326	CO9224	8.43	21 1-	6ACWC	0	0	498	154	93	12	9	0.02	3.72	3
CO9328	CO9326	8.43	0 1-	6ACWC	0	0	498	154	0	0	0	0.00	3.72	0
CO9327	CO9328	8.51	0 1-	6ACWC	0	0	492	154	0	0	0	0.00	3.72	0
CO9137	CO9326	8.55	21 1-	6ACWC	0	0	490	153	93	12	9	0.07	3.79	10
CO9138	CO9137	8.66	20 1-	6ACWC	0	0	481	152	93	12	9	0.07	3.86	10
CO9160	CO9138	8.73	1 1-	4ACSR	0	0	476	152	6	0	1	0.00	3.86	0
CO9139	CO9138	8.82	19 1-	6ACWC	0	0	470	151	87	12	9	0.08	3.94	12
CO9141	CO9139	8.96	17 1-	6ACWC	0	0	461	150	73	10	7	0.06	4.00	8
CO9329	CO9141	9.22	0 1-	6ACWC	0	0	444	147	0	0	0	0.00	4.00	0
CO9232	CO9329	9.32	0 1-	6ACWC	0	0	438	147	0	0	0	0.00	4.00	0
CO9233	CO9141	9.02	13 1-	6ACWC	0	0	457	149	67	9	7	0.02	4.03	3
CO9296	CO9233	9.06	12 1-	6ACWC	0	0	454	149	64	8	6	0.01	4.04	0
CO9297	CO9296	9.11	11 1-	6ACWC	0	0	451	148	56	7	6	0.02	4.06	0
CO9234	CO9297	9.13	11 1-	6ACWC	0	0	450	148	56	7	6	0.01	4.07	0
CO9172	CO9234	9.23	1 1-	6ACWC	0	0	444	147	10	1	1	0.00	4.07	0
CO9235	CO9234	9.17	9 1-	4ACSR	0	0	447	148	39	5	4	0.01	4.08	0
CO9236	CO9235	9.26	8 1-	4ACSR	0	0	441	147	37	5	4	0.02	4.10	0
CO9237	CO9236	9.28	8 1-	4ACSR	0	0	440	147	37	5	4	0.00	4.10	0
CO9238	CO9237	9.39	7 1-	4ACSR	0	0	434	146	32	4	3	0.02	4.12	0
CO9183	CO9238	9.52	1 1-	4ACSR	0	0	426	145	6	0	1	0.00	4.12	0
CO9239	CO9238	9.45	6 1-	4ACSR	0	0	430	145	27	3	3	0.01	4.13	0
CO9240	CO9239	9.56	5 1-	4ACSR	0	0	423	145	20	2	2	0.01	4.14	0
CO9174	CO9240	9.67	3 1-	6ACWC	0	0	417	144	12	1	1	0.00	4.15	0
CO9173	CO9240	9.80	1 1-	6ACWC	0	0	410	143	6	0	1	0.00	4.15	0
CO594786392	CO9173	9.89	0 1-	2ACSR	0	0	405	142	0	0	0	0.00	4.15	0
CO9159	CO9141	9.06	4 1-	4ACSR	0	0	454	149	6	0	1	0.00	4.01	0
CO9169	CO9139	8.87	2 1-	4ACSR	0	0	467	150	14	1	1	0.00	3.94	0
CO532251188	CO9169	8.98	1 1-	2ACSR	0	0	461	150	5	0	0	0.00	3.94	0
CO9161	CO9137	8.64	0 1-	4ACSR	0	0	483	152	0	0	0	0.00	3.79	0
CO9229	CO9231	7.88	2 1-	6ACWC	0	0	541	160	9	1	1	0.00	3.27	0
CO9230	CO9229	7.94	2 1-	6ACWC	0	0	536	159	9	1	1	0.00	3.27	0
CO9166	CO16996	7.51	0 1-	6ACWC	0	0	571	163	0	0	0	0.00	2.86	0
CO2020280668	AU15	7.15	1 1-	2ACSR	0	0	603	167	9	1	1	0.00	2.48	0
CO9697+	CO9774	7.18	225 3-	1/0ACSR	1201	1131	992	305	1114	25	11	0.04	1.84	89
CO9766+	CO9697	7.48	222 3-	1/0ACSR	1169	1101	960	303	1098	24	11	0.05	1.89	103
CO9767+	CO9766	7.51	222 3-	1/0ACSR	1166	1098	957	302	1097	25	11	0.01	1.89	11
CO16994+	CO9767	7.58	210 3-	1/0ACSR	1158	1090	950	302	1026	23	10	0.01	1.91	23
CO9127+	CO16994	7.69	210 3-	1/0ACSR	1147	1080	939	301	1026	23	10	0.02	1.93	32
CO9324+	CO9127	7.69	50 1-	4ACSR	0	0	938	301	231	15	11	0.00	1.93	0
OC243+	CO9324	7.69	50 1-	25 E OCR	0	0	938	301	231	15	63	0.00	1.93	0
CO-867656146+	OC243	7.71	50 1-	2ACSR	0	0	936	301	231	15	9	0.00	1.94	0
XFMR107	CO-867656146	7.71	50 1-	167 KVA 1PH AUT	0	0	598	167	231	15	137	0.83	2.76	0
CO-278980305	XFMR107	7.81	50 1-	2ACSR	0	0	590	166	231	31	18	0.10	2.86	36
CO17051	CO-278980305	7.91	50 1-	4ACSR	0	0	582	165	231	31	23	0.13	2.99	49
CO10796	CO17051	7.98	48 1-	4ACSR	0	0	576	164	216	29	21	0.09	3.09	33
CO10689	CO10796	8.09	46 1-	4ACSR	0	0	567	163	195	26	19	0.13	3.22	41
CO10690	CO10689	8.19	44 1-	4ACSR	0	0	559	162	189	26	19	0.12	3.34	37
CO17047	CO10690	8.40	42 1-	4ACSR	0	0	542	160	171	23	17	0.22	3.56	62
CO10887	CO17047	8.47	2 1-	4ACSR	0	0	536	159	7	0	1	0.00	3.56	0
CO10888	CO10887	8.51	1 1-	4ACSR	0	0	533	159	4	0	0	0.00	3.56	0
CO10959	CO17047	8.57	39 1-	4ACSR	0	0	528	158	164	22	16	0.17	3.73	47
CO10960	CO10959	8.61	39 1-	4ACSR	0	0	525	158	164	22	16	0.04	3.77	10

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10838	CO10960	8.67	1 1-	4ACSR	0	0	520	157	10	1	1	0.00	3.77	0
CO10956	CO10960	8.70	37 1-	4ACSR	0	0	517	157	152	20	15	0.09	3.86	22
CO10957	CO10956	9.11	35 1-	4ACSR	0	0	487	153	145	20	14	0.36	4.22	86
CO917660142	CO10957	9.20	0 1-	2ACSR	0	0	482	153	0	0	0	0.00	4.22	0
CO10815	CO10957	9.23	11 1-	4ACSR	0	0	478	152	52	7	5	0.04	4.26	4
CO10882	CO10815	9.25	3 1-	4ACSR	0	0	477	152	5	0	0	0.00	4.26	0
CO10883	CO10882	9.29	3 1-	4ACSR	0	0	475	152	5	0	0	0.00	4.26	0
CO10915	CO10815	9.26	8 1-	4ACSR	0	0	477	152	47	6	5	0.01	4.27	0
CO10953	CO10915	9.29	8 1-	4ACSR	0	0	474	152	47	6	5	0.01	4.28	0
CO-1679270719	CO10953	9.40	3 1-	2ACSR	0	0	468	151	16	2	1	0.01	4.29	0
CO1527881020	CO-1679270719	9.49	3 1-	2ACSR	0	0	463	151	16	2	1	0.00	4.29	0
CO10954	CO10953	9.31	4 1-	4ACSR	0	0	473	152	27	3	3	0.00	4.28	0
CO10916	CO10954	9.38	3 1-	4ACSR	0	0	468	151	18	2	2	0.01	4.29	0
CO10917	CO10916	9.49	3 1-	4ACSR	0	0	461	150	18	2	2	0.01	4.30	0
CO10836	CO10917	9.78	1 1-	4ACSR	0	0	442	147	4	0	0	0.00	4.31	0
CO10835	CO10917	9.68	1 1-	4ACSR	0	0	448	148	1	0	0	0.00	4.30	0
CO10834	CO10917	9.59	1 1-	4ACSR	0	0	454	149	13	1	1	0.00	4.31	0
CO10952	CO10954	9.33	1 1-	4ACSR	0	0	471	151	9	1	1	0.00	4.28	0
CO10955	CO10957	9.21	24 1-	4ACSR	0	0	480	152	92	12	9	0.06	4.28	9
CO10961	CO10955	9.27	24 1-	4ACSR	0	0	476	152	92	12	9	0.03	4.31	5
CO10962	CO10961	9.34	22 1-	4ACSR	0	0	471	151	92	12	9	0.04	4.36	6
CO10812	CO10962	9.48	19 1-	4ACSR	0	0	462	150	86	11	9	0.07	4.43	10
CO10909	CO10812	9.51	15 1-	4ACSR	0	0	460	150	72	9	7	0.01	4.44	0
CO10951	CO10909	9.62	13 1-	4ACSR	0	0	452	149	68	9	7	0.05	4.49	5
CO10910	CO10951	9.71	12 1-	4ACSR	0	0	446	148	66	9	7	0.04	4.52	4
CO10830	CO10910	9.78	1 1-	4ACSR	0	0	442	147	8	1	1	0.00	4.53	0
CO10813	CO10910	9.97	11 1-	4ACSR	0	0	431	146	58	8	6	0.09	4.61	9
CO10814	CO10813	10.08	5 1-	4ACSR	0	0	424	145	21	2	2	0.01	4.63	0
CO10947	CO10814	10.15	3 1-	4ACSR	0	0	420	144	10	1	1	0.00	4.63	0
CO10948	CO10947	10.38	2 1-	4ACSR	0	0	406	143	10	1	1	0.01	4.64	0
CO10829	CO10814	10.15	1 1-	4ACSR	0	0	420	144	10	1	1	0.00	4.63	0
CO10941	CO10813	10.29	5 1-	4ACSR	0	0	412	143	37	5	4	0.07	4.68	4
CO10942	CO10941	10.51	4 1-	4ACSR	0	0	399	142	30	4	3	0.04	4.72	0
CO10831	CO10942	10.52	0 1-	4ACSR	0	0	399	141	0	0	0	0.00	4.72	0
CO10943	CO10942	10.56	4 1-	4ACSR	0	0	397	141	30	4	3	0.01	4.73	0
CO10944	CO10943	10.63	3 1-	4ACSR	0	0	393	141	18	2	2	0.01	4.74	0
CO10881	CO10944	10.71	2 1-	4ACSR	0	0	389	140	8	1	1	0.00	4.74	0
CO10911	CO10812	9.92	3 1-	4ACSR	0	0	433	146	11	1	1	0.02	4.44	0
CO10912	CO10911	10.02	2 1-	4ACSR	0	0	427	145	1	0	0	0.00	4.44	0
CO10949	CO10962	9.39	3 1-	4ACSR	0	0	468	151	6	0	1	0.00	4.36	0
CO10950	CO10949	9.53	2 1-	4ACSR	0	0	458	150	2	0	0	0.00	4.36	0
CO10913	CO10950	9.65	2 1-	4ACSR	0	0	450	149	2	0	0	0.00	4.36	0
CO10914	CO10913	9.84	2 1-	4ACSR	0	0	438	147	2	0	0	0.00	4.36	0
CO10833	CO10914	10.16	1 1-	4ACSR	0	0	419	144	2	0	0	0.00	4.37	0
CO10832	CO10914	9.91	1 1-	4ACSR	0	0	434	146	0	0	0	0.00	4.36	0
CO10837	CO17047	8.49	1 1-	4ACSR	0	0	534	159	0	0	0	0.00	3.56	0
CO10794	CO10690	8.21	2 1-	4ACSR	0	0	557	162	18	2	2	0.00	3.34	0
CO10795	CO10794	8.29	1 1-	4ACSR	0	0	550	161	18	2	2	0.00	3.34	0
CO10719	CO10689	8.12	2 1-	4ACSR	0	0	565	163	5	0	1	0.00	3.22	0
CO10765	CO10796	8.04	2 1-	4ACSR	0	0	571	164	21	2	2	0.01	3.09	0
CO10764	CO10765	8.11	1 1-	4ACSR	0	0	565	163	9	1	1	0.00	3.10	0
CO10763	CO10764	8.16	1 1-	4ACSR	0	0	561	163	9	1	1	0.00	3.10	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10762	CO10763	8.25	1 1-	4ACSR	0	0	554	162	9	1	1	0.00	3.10	0
CO9219+	CO9127	7.79	2 1-	1/0ACSR	0	0	929	300	7	0	0	0.00	1.93	0
OC1239366397+	CO9219	7.79	2 1-	20 N FUSE	0	0	929	300	7	0	3	0.00	1.93	0
CO9153+	OC1239366397	7.86	1 1-	1/0ACSR	0	0	923	299	7	0	0	0.00	1.93	0
CO9220+	OC1239366397	7.84	1 1-	1/0ACSR	0	0	924	300	0	0	0	0.00	1.93	0
CO9192+	CO9127	7.96	158 3-	1/0ACSR	1119	1054	912	298	787	17	8	0.04	1.97	52
CO9193+	CO9192	8.01	158 3-	1/0ACSR	1115	1049	908	298	787	17	8	0.01	1.98	9
CO9154+	CO9193	8.08	1 1-	1/0ACSR	0	0	902	297	1	0	0	0.00	1.98	0
OC366311629+	CO9154	8.08	0 1-	20 N FUSE	0	0	902	297	0	0	0	0.00	1.98	0
CO9292+	CO9193	8.14	156 3-	1/0ACSR	1102	1038	896	297	781	17	8	0.02	2.00	23
CO9293+	CO9292	8.17	155 3-	1/0ACSR	1099	1034	893	297	775	17	8	0.01	2.01	6
CO9134+	CO9293	8.22	112 1-	4ACSR	0	0	887	296	602	41	29	0.05	2.05	46
CO9194+	CO9134	8.26	2 1-	4ACSR	0	0	882	295	12	0	1	0.00	2.05	0
CO9195+	CO9194	8.30	2 1-	4ACSR	0	0	878	295	12	0	1	0.00	2.05	0
CO9196+	CO9134	8.38	110 1-	4ACSR	0	0	868	293	590	40	29	0.14	2.19	130
CO17045+	CO9196	8.57	106 1-	4ACSR	0	0	844	290	570	39	28	0.18	2.37	162
CO17048+	CO17045	8.79	4 1-	4ACSR	0	0	820	286	19	1	1	0.00	2.37	0
OC-1001125630+	CO17048	8.79	2 1-	20 N FUSE	0	0	820	286	7	0	2	0.00	2.37	0
CO9303+	OC-1001125630	8.83	2 1-	4ACSR	0	0	815	286	7	0	0	0.00	2.37	0
CO9302+	CO9303	8.87	1 1-	4ACSR	0	0	810	285	4	0	0	0.00	2.37	0
CO10701+	CO17045	8.63	0 1-	4ACSR	0	0	838	289	0	0	0	0.00	2.37	0
CO10700+	CO17045	8.59	3 1-	4ACSR	0	0	842	290	20	1	1	0.00	2.37	0
CO10799+	CO17045	8.58	99 1-	4ACSR	0	0	844	290	530	36	26	0.01	2.37	5
OC295+	CO10799	8.58	99 1-	50 E OCR	0	0	844	290	530	36	73	0.00	2.37	0
CO10800+	OC295	8.62	99 1-	4ACSR	0	0	839	289	530	36	26	0.03	2.40	26
CO10702+	CO10800	8.68	1 1-	4ACSR	0	0	832	288	1	0	0	0.00	2.40	0
CO10792+	CO10800	8.82	97 1-	4ACSR	0	0	817	286	524	36	26	0.16	2.56	137
CO-990790507+	CO10792	8.86	0 1-	2ACSR	0	0	813	286	0	0	0	0.00	2.56	0
CO10793+	CO10792	8.86	97 1-	4ACSR	0	0	812	285	523	36	26	0.03	2.60	28
OC-1070336848+	CO10793	8.86	97 1-	20 N FUSE	0	0	812	285	523	36	180	0.00	2.60	0
CO10678+	OC-1070336848	9.02	96 1-	4ACSR	0	0	795	283	515	35	25	0.13	2.73	109
CO10790+	CO10678	9.11	3 1-	4ACSR	0	0	785	281	11	0	1	0.00	2.73	0
CO10791+	CO10790	9.17	2 1-	4ACSR	0	0	779	280	10	0	0	0.00	2.73	0
CO10712+	CO10678	9.06	1 1-	4ACSR	0	0	790	282	0	0	0	0.00	2.73	0
CO10679+	CO10678	9.23	92 1-	4ACSR	0	0	773	280	504	34	25	0.17	2.89	136
CO10681+	CO10679	9.42	91 1-	4ACSR	0	0	753	277	503	34	25	0.16	3.05	128
CO10739+	CO10681	9.52	10 1-	4ACSR	0	0	744	275	37	2	2	0.01	3.05	0
CO10738+	CO10739	9.62	9 1-	4ACSR	0	0	735	274	34	2	2	0.00	3.06	0
CO10710+	CO10738	9.74	3 1-	4ACSR	0	0	724	272	12	0	1	0.00	3.06	0
CO10709+	CO10738	9.71	1 1-	4ACSR	0	0	726	272	4	0	0	0.00	3.06	0
CO10758+	CO10738	9.72	4 1-	4ACSR	0	0	725	272	16	1	1	0.00	3.06	0
CO10708+	CO10758	9.82	1 1-	4ACSR	0	0	716	271	3	0	0	0.00	3.06	0
CO10757+	CO10758	9.82	1 1-	4ACSR	0	0	716	271	6	0	0	0.00	3.06	0
CO10682+	CO10681	9.59	81 1-	4ACSR	0	0	737	274	466	32	23	0.12	3.17	92
CO10707+	CO10682	9.67	0 1-	4ACSR	0	0	730	273	0	0	0	0.00	3.17	0
CO10683+	CO10682	9.66	81 1-	4ACSR	0	0	731	273	465	32	23	0.05	3.22	39
CO10788+	CO10683	9.92	2 1-	2ACSR	0	0	712	270	13	0	1	0.00	3.22	0
CO10789+	CO10788	10.02	1 1-	2ACSR	0	0	705	269	11	0	0	0.00	3.23	0
CO10746+	CO10789	10.28	1 1-	2ACSR	0	0	687	267	11	0	0	0.00	3.23	0
CO10724+	CO10683	9.70	1 1-	4ACSR	0	0	727	273	15	1	1	0.00	3.22	0
CO10735+	CO10683	9.85	78 1-	4ACSR	0	0	714	270	437	30	22	0.13	3.35	93
CO10734+	CO10735	9.89	78 1-	4ACSR	0	0	710	270	436	30	22	0.02	3.38	18

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO10786+	CO10734	9.94	76 1-	4ACSR	0	0	706	269	432	29	21	0.03	3.41	24
CO10787+	CO10786	9.99	75 1-	4ACSR	0	0	701	268	425	29	21	0.04	3.45	27
XFMR104	CO10787	9.99	75 1-	333 KVA 1PH AUT	0	0	728	165	425	29	128	0.95	4.40	0
CO10684	XFMR104	10.11	73 1-	4ACSR	0	0	710	163	422	58	42	0.31	4.71	218
RG1949182874	CO10684	10.11	73 1-	DEF	0	0	710	163	421	58	0	0.00	4.71	0
CO17046	RG1949182874	11.03	43 1-	2ACSR	0	0	608	157	314	43	24	1.24	5.95	623
OC748203114	CO17046	11.03	43 1-	20 N FUSE	0	0	608	157	311	43	219	0.00	5.95	0
CO8679	OC748203114	11.12	1 1-	4ACSR	0	0	598	156	9	1	1	0.00	5.95	0
CO8691	OC748203114	11.12	42 1-	2ACSR	0	0	599	157	303	42	24	0.12	6.06	57
CO8692	CO8691	11.24	42 1-	2ACSR	0	0	588	156	302	42	24	0.15	6.22	76
OC-309733071	CO8692	11.24	42 1-	20 N FUSE	0	0	588	156	302	42	213	0.00	6.22	0
CO8675	OC-309733071	11.33	34 1-	2ACSR	0	0	580	155	241	34	19	0.09	6.31	35
CO8681	CO8675	11.41	0 1-	4ACSR	0	0	572	154	0	0	0	0.00	6.31	0
CO8676	CO8675	11.34	34 1-	4ACSR	0	0	579	155	241	34	24	0.02	6.33	8
CO8677	CO8676	11.42	33 1-	4ACSR	0	0	570	154	238	33	24	0.12	6.45	48
CO8678	CO8677	11.47	13 1-	4ACSR	0	0	566	154	81	11	8	0.02	6.47	3
CO8709	CO8678	11.50	10 1-	4ACSR	0	0	562	154	52	7	5	0.01	6.48	0
CO8710	CO8709	11.51	10 1-	4ACSR	0	0	561	154	52	7	5	0.00	6.48	0
CO8711	CO8710	11.52	10 1-	4ACSR	0	0	560	153	52	7	5	0.01	6.49	0
CO8712	CO8711	11.60	9 1-	4ACSR	0	0	552	153	47	6	5	0.02	6.51	0
CO8713	CO8712	11.65	8 1-	4ACSR	0	0	547	152	37	5	4	0.01	6.52	0
CO8714	CO8713	11.76	7 1-	4ACSR	0	0	537	151	26	3	3	0.02	6.53	0
CO8684	CO8714	11.81	2 1-	4ACSR	0	0	531	151	8	1	1	0.00	6.54	0
CO8685	CO8684	11.86	1 1-	4ACSR	0	0	527	150	8	1	1	0.00	6.54	0
CO8715	CO8714	11.79	5 1-	4ACSR	0	0	533	151	18	2	2	0.00	6.54	0
OC-1049073041	CO8715	11.79	5 1-	20 N FUSE	0	0	533	151	18	2	13	0.00	6.54	0
CO8716	OC-1049073041	11.92	5 1-	4ACSR	0	0	521	150	18	2	2	0.01	6.55	0
CO8717	CO8716	12.10	5 1-	4ACSR	0	0	505	148	18	2	2	0.01	6.57	0
CO8718	CO8717	12.20	3 1-	4ACSR	0	0	496	148	6	0	1	0.00	6.57	0
CO8690	CO8718	12.27	0 1-	2ACSR	0	0	492	147	0	0	0	0.00	6.57	0
CO8719	CO8718	12.30	2 1-	4ACSR	0	0	488	147	3	0	0	0.00	6.57	0
CO8720	CO8719	12.40	1 1-	4ACSR	0	0	480	146	1	0	0	0.00	6.57	0
CO8721	CO8720	12.45	1 1-	4ACSR	0	0	476	145	1	0	0	0.00	6.57	0
CO8722	CO8721	12.84	1 1-	4ACSR	0	0	447	142	1	0	0	0.00	6.58	0
CO8683	CO8722	12.98	0 1-	4ACSR	0	0	437	141	0	0	0	0.00	6.58	0
CO8682	CO8722	13.00	0 1-	4ACSR	0	0	435	141	0	0	0	0.00	6.58	0
CO8723	CO8722	12.89	1 1-	4ACSR	0	0	443	142	1	0	0	0.00	6.58	0
CO8724	CO8723	12.97	1 1-	4ACSR	0	0	437	141	1	0	0	0.00	6.58	0
CO8725	CO8724	13.02	1 1-	4ACSR	0	0	434	141	1	0	0	0.00	6.58	0
CO8726	CO8725	13.09	1 1-	4ACSR	0	0	429	140	1	0	0	0.00	6.58	0
CO8727	CO8726	13.19	1 1-	4ACSR	0	0	423	140	1	0	0	0.00	6.58	0
CO16985	CO8727	13.27	0 1-	4ACSR	0	0	418	139	0	0	0	0.00	6.58	0
CO8688	CO8678	11.50	1 1-	4ACSR	0	0	563	154	15	2	1	0.00	6.47	0
CO8689	CO8677	11.47	2 1-	4ACSR	0	0	565	154	18	2	2	0.00	6.45	0
CO8693	CO8677	11.45	17 1-	4ACSR	0	0	567	154	131	18	13	0.02	6.47	5
CO8694	CO8693	11.53	16 1-	4ACSR	0	0	559	153	125	17	13	0.06	6.53	13
CO8703	CO8694	11.58	11 1-	4ACSR	0	0	554	153	83	11	8	0.02	6.56	3
CO8704	CO8703	11.60	9 1-	4ACSR	0	0	552	153	65	9	7	0.01	6.56	0
CO8705	CO8704	11.62	9 1-	4ACSR	0	0	550	153	65	9	7	0.01	6.57	0
CO8687	CO8705	11.63	3 1-	4ACSR	0	0	548	152	22	3	2	0.00	6.57	0
CO8706	CO8705	11.69	6 1-	4ACSR	0	0	543	152	43	6	4	0.01	6.59	0
CO8707	CO8706	11.72	3 1-	4ACSR	0	0	540	152	21	2	2	0.00	6.59	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8708	CO8707	11.75	3 1-	4ACSR	0	0	537	151	21	2	2	0.00	6.59	0
CO8695	CO8694	11.61	5 1-	4ACSR	0	0	551	153	42	5	4	0.02	6.55	0
CO8696	CO8695	11.70	3 1-	4ACSR	0	0	542	152	29	4	3	0.02	6.57	0
CO8697	CO8696	11.83	3 1-	4ACSR	0	0	529	151	29	4	3	0.02	6.59	0
CO8698	CO8697	11.89	2 1-	4ACSR	0	0	524	150	23	3	2	0.01	6.60	0
CO8699	CO8698	11.97	2 1-	4ACSR	0	0	516	149	23	3	2	0.01	6.61	0
CO8700	CO8699	12.02	1 1-	4ACSR	0	0	512	149	17	2	2	0.01	6.61	0
CO8701	CO8700	12.05	1 1-	4ACSR	0	0	510	149	17	2	2	0.00	6.62	0
CO8702	CO8701	12.08	1 1-	4ACSR	0	0	507	149	17	2	2	0.00	6.62	0
CO8686	CO8676	11.37	1 1-	4ACSR	0	0	576	155	2	0	0	0.00	6.33	0
CO8680	OC-309733071	11.40	1 1-	4ACSR	0	0	571	154	10	1	1	0.01	6.22	0
CO8733	OC-309733071	11.34	7 1-	1/0PRIURD	0	0	581	314	51	7	5	0.01	6.23	0
CO8734	CO8733	11.39	5 1-	1/0PRIURD	0	0	578	313	30	4	3	0.00	6.23	0
CO8732	CO8734	11.44	4 1-	1/0PRIURD	0	0	574	312	18	2	2	0.00	6.23	0
CO8728	CO8732	11.52	1 1-	1/0PRIURD	0	0	569	310	0	0	0	0.00	6.23	0
CO8730	CO8732	11.53	3 1-	1/0PRIURD	0	0	568	310	17	2	2	0.00	6.24	0
CO8731	CO8730	11.59	1 1-	1/0PRIURD	0	0	564	309	9	1	1	0.00	6.24	0
CO8729	CO8731	11.63	0 1-	1/0PRIURD	0	0	561	308	0	0	0	0.00	6.24	0
CO8736	CO8729	11.68	0 1-	1/0PRIURD	0	0	558	307	0	0	0	0.00	6.24	0
CO8735	CO8736	11.69	0 1-	1/0PRIURD	0	0	557	307	0	0	0	0.00	6.24	0
CO10685	RG1949182874	10.21	28 1-	4ACSR	0	0	696	162	95	13	9	0.06	4.76	9
CO10797	CO10685	10.22	22 1-	4ACSR	0	0	695	162	73	10	7	0.00	4.77	0
OC294	CO10797	10.22	22 1-	15 H OCR	0	0	695	162	73	10	68	0.00	4.77	0
CO10798	OC294	10.32	22 1-	4ACSR	0	0	681	161	73	10	7	0.05	4.81	6
CO10780	CO10798	10.67	21 1-	4ACSR	0	0	633	158	72	10	7	0.16	4.97	19
CO10686	CO10780	10.88	8 1-	4ACSR	0	0	608	156	29	4	3	0.04	5.01	0
CO10687	CO10686	11.00	7 1-	4ACSR	0	0	594	155	29	4	3	0.02	5.03	0
CO10745	CO10687	11.23	3 1-	4ACSR	0	0	567	153	18	2	2	0.03	5.06	0
CO10744	CO10745	11.37	3 1-	4ACSR	0	0	552	152	18	2	2	0.02	5.08	0
CO10761	CO10744	11.43	2 1-	4ACSR	0	0	546	151	0	0	0	0.00	5.08	0
CO10760	CO10761	11.63	1 1-	4ACSR	0	0	527	149	0	0	0	0.00	5.08	0
CO10759	CO10760	11.67	1 1-	4ACSR	0	0	523	149	0	0	0	0.00	5.08	0
CO10716	CO10744	11.45	1 1-	4ACSR	0	0	545	151	18	2	2	0.00	5.08	0
CO10741	CO10687	11.21	4 1-	4ACSR	0	0	570	153	11	1	1	0.01	5.05	0
CO10740	CO10741	11.28	4 1-	4ACSR	0	0	562	152	11	1	1	0.01	5.05	0
CO10688	CO10740	11.43	3 1-	4ACSR	0	0	546	151	4	0	0	0.00	5.05	0
CO10714	CO10688	11.55	0 1-	4ACSR	0	0	534	150	0	0	0	0.00	5.05	0
CO10743	CO10688	11.49	1 1-	4ACSR	0	0	540	150	0	0	0	0.00	5.05	0
CO10742	CO10743	11.60	1 1-	4ACSR	0	0	529	150	0	0	0	0.00	5.05	0
CO17049	CO10742	11.73	1 1-	4ACSR	0	0	517	148	0	0	0	0.00	5.05	0
CO10713	CO10742	11.73	0 1-	4ACSR	0	0	517	148	0	0	0	0.00	5.05	0
CO10715	CO10740	11.35	1 1-	4ACSR	0	0	555	152	7	0	1	0.00	5.05	0
CO10717	CO10687	11.05	0 1-	4ACSR	0	0	587	154	0	0	0	0.00	5.03	0
CO10718	CO10686	10.91	1 1-	4ACSR	0	0	604	156	0	0	0	0.00	5.01	0
CO10737	CO10780	10.90	13 1-	4ACSR	0	0	605	156	43	5	4	0.06	5.04	4
OC1044560249	CO10737	10.90	13 1-	20 N FUSE	0	0	605	156	43	5	30	0.00	5.04	0
CO10736	OC1044560249	11.01	13 1-	4ACSR	0	0	592	155	43	5	4	0.03	5.06	0
CO10703	CO10736	11.06	1 1-	4ACSR	0	0	587	154	0	0	0	0.00	5.06	0
CO10803	CO10736	11.75	11 1-	4ACSR	0	0	515	148	42	5	4	0.20	5.26	14
CO10776	CO10803	11.86	10 1-	4ACSR	0	0	505	147	42	5	4	0.03	5.29	0
CO10694	CO10776	11.98	0 1-	4ACSR	0	0	495	146	0	0	0	0.00	5.29	0
CO10726	CO10776	12.21	7 1-	4ACSR	0	0	476	144	8	1	1	0.02	5.31	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1901880658	CO10726	12.21	7 1-	20 N FUSE	0	0	476	144	8	1	6	0.00	5.31	0
CO10725	OC-1901880658	12.38	7 1-	4ACSR	0	0	462	143	8	1	1	0.01	5.32	0
CO10674	CO10725	12.62	5 1-	4ACSR	0	0	444	141	7	1	1	0.01	5.33	0
CO10675	CO10674	12.98	4 1-	4ACSR	0	0	420	139	7	1	1	0.02	5.34	0
CO17043	CO10675	13.21	3 1-	4ACSR	0	0	405	137	7	1	1	0.01	5.35	0
CO10963	CO17043	13.44	3 1-	4ACSR	0	0	392	135	7	1	1	0.01	5.36	0
CO10982	CO10963	13.56	2 1-	4ACSR	0	0	386	134	7	1	1	0.01	5.37	0
CO10886	CO10982	13.61	2 1-	4ACSR	0	0	382	134	7	1	1	0.00	5.37	0
CO10827	CO10963	13.62	1 1-	4ACSR	0	0	382	134	0	0	0	0.00	5.36	0
CO17304	CO10675	13.39	1 1-	4ACSR	0	0	395	136	0	0	0	0.00	5.34	0
CO10773	CO17304	13.45	1 1-	4ACSR	0	0	392	135	0	0	0	0.00	5.34	0
CO10772	CO10773	13.51	1 1-	4ACSR	0	0	388	135	0	0	0	0.00	5.34	0
CO10693	CO10674	12.69	1 1-	4ACSR	0	0	440	141	0	0	0	0.00	5.33	0
CO10673	CO10725	12.50	2 1-	4ACSR	0	0	453	142	1	0	0	0.00	5.32	0
CO10692	CO10673	12.60	2 1-	4ACSR	0	0	446	141	1	0	0	0.00	5.32	0
CO10691	CO10673	12.72	0 1-	4ACSR	0	0	437	140	0	0	0	0.00	5.32	0
CO10774	CO10776	12.11	2 1-	4ACSR	0	0	484	145	34	4	3	0.04	5.33	0
CO10775	CO10774	12.24	1 1-	4ACSR	0	0	473	144	21	2	2	0.01	5.34	0
CO10777	CO10736	11.07	1 1-	4ACSR	0	0	585	154	0	0	0	0.00	5.06	0
CO10778	CO10777	11.10	1 1-	4ACSR	0	0	582	154	0	0	0	0.00	5.06	0
CO10779	CO10778	11.19	0 1-	4ACSR	0	0	572	153	0	0	0	0.00	5.06	0
CO10781	CO10685	10.33	6 1-	4ACSR	0	0	680	161	22	3	2	0.02	4.78	0
CO10782	CO10781	10.44	6 1-	4ACSR	0	0	664	160	22	3	2	0.01	4.79	0
CO10783	CO10782	10.74	5 1-	4ACSR	0	0	624	157	16	2	2	0.03	4.82	0
CO10784	CO10783	10.81	4 1-	4ACSR	0	0	616	157	16	2	2	0.01	4.83	0
CO10704	CO10784	10.89	0 1-	4ACSR	0	0	607	156	0	0	0	0.00	4.83	0
CO10801	CO10784	11.29	4 1-	4ACSR	0	0	561	152	16	2	2	0.05	4.88	0
CO10785	CO10801	11.50	4 1-	4ACSR	0	0	539	150	16	2	2	0.02	4.90	0
CO10802	CO10785	11.58	4 1-	4ACSR	0	0	531	150	16	2	2	0.01	4.91	0
CO10751	CO10802	11.62	0 1-	4ACSR	0	0	528	149	0	0	0	0.00	4.91	0
CO10750	CO10751	11.64	0 1-	4ACSR	0	0	526	149	0	0	0	0.00	4.91	0
CO10754	CO10802	11.62	2 1-	4ACSR	0	0	528	149	12	1	1	0.00	4.91	0
CO10753	CO10754	11.66	2 1-	4ACSR	0	0	524	149	12	1	1	0.00	4.91	0
CO10752	CO10753	11.87	1 1-	4ACSR	0	0	505	147	12	1	1	0.01	4.92	0
CO10721	RG1949182874	10.16	2 1-	4ACSR	0	0	704	163	12	1	1	0.00	4.71	0
CO10705	XFMR104	10.08	0 1-	4ACSR	0	0	716	164	0	0	0	0.00	4.40	0
CO10756	XFMR104	10.08	2 1-	4ACSR	0	0	716	164	3	0	0	0.00	4.40	0
CO10755	CO10756	10.14	1 1-	4ACSR	0	0	707	163	1	0	0	0.00	4.40	0
CO10706+	CO10734	9.93	2 1-	4ACSR	0	0	706	269	4	0	0	0.00	3.38	0
CO10680+	CO10679	9.61	1 1-	4ACSR	0	0	735	274	0	0	0	0.00	2.89	0
CO10711+	CO10679	9.25	0 1-	4ACSR	0	0	770	279	0	0	0	0.00	2.89	0
CO10720+	OC-1070336848	9.03	0 1-	4ACSR	0	0	794	283	0	0	0	0.00	2.60	0
CO-1327923143+	OC-1070336848	8.88	1 1-	2ACSR	0	0	810	285	8	0	0	0.00	2.60	0
CO9155+	CO9293	8.26	4 1-	1/0ACSR	0	0	886	296	24	1	1	0.00	2.01	0
XFMR105	CO9293	8.17	39 1-	167 KVA 1PH AUT	0	0	590	166	149	10	88	0.51	2.51	0
CO9128	XFMR105	8.21	39 1-	4ACSR	0	0	587	166	149	20	15	0.03	2.55	8
CO9156	CO9128	8.29	1 1-	4ACSR	0	0	580	165	11	1	1	0.00	2.55	0
CO9322	CO9128	8.22	35 1-	4ACSR	0	0	586	166	129	17	13	0.01	2.55	0
OC239	CO9322	8.22	35 1-	25 H OCR	0	0	586	166	129	17	71	0.00	2.55	0
CO9323	OC239	8.49	35 1-	4ACSR	0	0	564	163	129	17	13	0.21	2.76	44
CO9140	CO9323	8.55	31 1-	4ACSR	0	0	559	162	118	16	12	0.04	2.80	8
CO9164	CO9140	8.58	1 1-	4ACSR	0	0	557	162	9	1	1	0.00	2.81	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9215	CO9140	8.81	30 1-	4ACSR	0	0	538	160	108	14	11	0.17	2.98	30
CO9216	CO9215	9.02	30 1-	4ACSR	0	0	521	158	108	14	11	0.14	3.12	25
CO9129	CO9216	9.09	24 1-	4ACSR	0	0	516	157	74	10	7	0.03	3.15	4
CO9312	CO9129	9.69	2 1-	4ACSR	0	0	472	152	0	0	0	0.00	3.15	0
CO9313	CO9312	9.80	2 1-	4ACSR	0	0	465	151	0	0	0	0.00	3.15	0
CO9298	CO9313	9.90	2 1-	4ACSR	0	0	457	150	0	0	0	0.00	3.15	0
CO9307	CO9298	10.08	1 1-	4ACSR	0	0	446	148	0	0	0	0.00	3.15	0
CO9308	CO9307	10.15	1 1-	4ACSR	0	0	442	148	0	0	0	0.00	3.15	0
CO9311	CO9313	10.35	0 1-	4ACSR	0	0	429	146	0	0	0	0.00	3.15	0
CO17107	CO9311	10.42	0 1-	4ACSR	0	0	425	145	0	0	0	0.00	3.15	0
CO8669	CO17107	10.51	0 1-	4ACSR	0	0	420	144	0	0	0	0.00	3.15	0
CO9208	CO9129	9.20	22 1-	4ACSR	0	0	507	156	74	10	7	0.05	3.20	6
CO9209	CO9208	9.46	20 1-	4ACSR	0	0	488	154	69	9	7	0.10	3.30	11
CO9133	CO9209	9.52	5 1-	4ACSR	0	0	484	153	9	1	1	0.00	3.30	0
CO9157	CO9133	9.62	2 1-	4ACSR	0	0	476	152	3	0	0	0.00	3.30	0
CO9204	CO9133	9.58	1 1-	4ACSR	0	0	479	152	3	0	0	0.00	3.30	0
CO9205	CO9204	9.66	1 1-	4ACSR	0	0	474	152	3	0	0	0.00	3.31	0
CO9309	CO9205	9.75	0 1-	4ACSR	0	0	468	151	0	0	0	0.00	3.31	0
CO9310	CO9309	9.83	0 1-	4ACSR	0	0	462	150	0	0	0	0.00	3.31	0
CO9189	CO9205	9.72	1 1-	2ACSR	0	0	471	151	3	0	0	0.00	3.31	0
CO9130	CO9209	9.63	14 1-	4ACSR	0	0	476	152	47	6	5	0.05	3.35	4
CO9206	CO9130	9.71	1 1-	4ACSR	0	0	470	151	1	0	0	0.00	3.35	0
CO9207	CO9206	9.90	0 1-	4ACSR	0	0	458	150	0	0	0	0.00	3.35	0
CO9202	CO9130	9.68	13 1-	4ACSR	0	0	473	152	47	6	5	0.01	3.36	0
CO9203	CO9202	9.75	12 1-	4ACSR	0	0	468	151	39	5	4	0.02	3.38	0
CO9131	CO9203	9.99	8 1-	4ACSR	0	0	452	149	15	2	1	0.02	3.40	0
CO9132	CO9131	10.05	7 1-	4ACSR	0	0	448	148	11	1	1	0.00	3.40	0
CO9198	CO9132	10.10	3 1-	4ACSR	0	0	445	148	9	1	1	0.00	3.41	0
CO9199	CO9198	10.15	2 1-	4ACSR	0	0	442	148	9	1	1	0.00	3.41	0
CO9197	CO9199	10.20	1 1-	4ACSR	0	0	439	147	5	0	0	0.00	3.41	0
CO9200	CO9132	10.11	4 1-	4ACSR	0	0	444	148	2	0	0	0.00	3.40	0
CO9289	CO9200	10.17	2 1-	4ACSR	0	0	440	147	0	0	0	0.00	3.40	0
CO9201	CO9289	10.29	1 1-	4ACSR	0	0	433	146	0	0	0	0.00	3.40	0
CO9165	CO9131	10.06	1 1-	4ACSR	0	0	447	148	4	0	0	0.00	3.40	0
CO9158	CO9203	9.83	3 1-	4ACSR	0	0	463	150	14	1	1	0.00	3.38	0
CO9168	CO9203	9.79	1 1-	4ACSR	0	0	465	151	10	1	1	0.00	3.38	0
CO9186	CO9216	9.05	0 1-	2ACSR	0	0	519	158	0	0	0	0.00	3.12	0
CO9213	CO9216	9.14	5 1-	4ACSR	0	0	511	157	30	4	3	0.02	3.14	0
CO9214	CO9213	9.17	4 1-	4ACSR	0	0	509	156	25	3	2	0.00	3.14	0
CO9212	CO9214	9.20	2 1-	4ACSR	0	0	507	156	19	2	2	0.00	3.15	0
CO852177987	CO9212	9.41	2 1-	2ACSR	0	0	494	155	19	2	1	0.02	3.16	0
CO2057664474	CO852177987	10.03	0 1-	2ACSR	0	0	458	151	0	0	0	0.00	3.16	0
CO1645383309	CO852177987	9.45	2 1-	2ACSR	0	0	492	154	19	2	1	0.00	3.16	0
CO2106343553	CO1645383309	9.50	0 1-	2ACSR	0	0	489	154	0	0	0	0.00	3.16	0
CO9211	CO9212	9.28	0 1-	4ACSR	0	0	501	155	0	0	0	0.00	3.15	0
CO9210	CO9211	9.31	0 1-	4ACSR	0	0	499	155	0	0	0	0.00	3.15	0
CO9217	CO9323	8.55	3 1-	4ACSR	0	0	558	162	9	1	1	0.00	2.76	0
CO9218	CO9217	8.59	1 1-	4ACSR	0	0	555	162	2	0	0	0.00	2.76	0
CO9167+	CO9193	8.05	1 1-	4ACSR	0	0	903	297	5	0	0	0.00	1.98	0
CO16993+	CO9767	7.59	12 1-	4ACSR	0	0	947	301	71	4	3	0.01	1.90	0
OC609286491+	CO16993	7.59	11 1-	20 N FUSE	0	0	947	301	68	4	23	0.00	1.90	0
CO9190+	OC609286491	7.60	11 1-	4ACSR	0	0	944	301	68	4	3	0.00	1.90	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9191+	CO9190	7.69	10 1-	4ACSR	0	0	932	299	62	4	3	0.01	1.91	0
CO16995+	CO9191	7.77	9 1-	4ACSR	0	0	921	298	56	3	3	0.01	1.92	0
CO9768+	CO16995	7.78	6 1-	4ACSR	0	0	919	298	43	2	2	0.00	1.92	0
CO9718+	CO9768	7.83	1 1-	4ACSR	0	0	913	297	12	0	1	0.00	1.92	0
CO9769+	CO9768	7.87	5 1-	4ACSR	0	0	908	296	31	2	2	0.00	1.92	0
CO9770+	CO9769	7.90	4 1-	4ACSR	0	0	904	296	22	1	1	0.00	1.92	0
CO9771+	CO9770	7.93	3 1-	4ACSR	0	0	900	295	17	1	1	0.00	1.92	0
CO9772+	CO9771	7.98	2 1-	4ACSR	0	0	893	294	10	0	1	0.00	1.92	0
CO-1204463407+	CO9772	8.02	1 1-	2ACSR	0	0	889	294	1	0	0	0.00	1.92	0
NEWCAP-EFCCFCB3+	CO9766	7.48	0 3-	Capacitor	1169	1101	960	303	0	-7	0	0.00	1.89	0
CO9731+	CO9697	7.27	2 1-	4ACSR	0	0	979	304	7	0	0	0.00	1.84	0
OC-2003571691+	CO9731	7.27	0 1-	20 N FUSE	0	0	979	304	0	0	0	0.00	1.84	0
CO302256723+	OC-2003571691	7.29	0 1-	2ACSR	0	0	976	304	0	0	0	0.00	1.84	0
CO9717+	CO9697	7.30	0 1-	1/0ACSR	0	0	979	304	0	0	0	0.00	1.84	0
CO9749+	CO9710	4.65	3 1-	1/0ACSR	0	0	1368	330	9	0	0	0.00	1.29	0
OC-176372416+	CO9749	4.65	0 1-	20 N FUSE	0	0	1368	330	0	0	0	0.00	1.29	0
CO9249+	CO9251	4.15	3 1-	336 MCM ACSR 30	0	0	1453	333	9	0	0	0.00	1.17	0
OC-154124734+	CO9249	4.15	2 1-	20 N FUSE	0	0	1453	333	6	0	2	0.00	1.17	0
CO9250+	OC-154124734	4.21	2 1-	336 MCM ACSR 30	0	0	1444	333	6	0	0	0.00	1.17	0
CO9318+	CO9143	3.68	7 1-	4ACSR	0	0	1528	335	19	1	1	0.00	1.08	0
OC242+	CO9318	3.68	7 1-	10 N FUSE	0	0	1528	335	19	1	13	0.00	1.08	0
CO9319+	OC242	3.72	7 1-	4ACSR	0	0	1518	334	19	1	1	0.00	1.08	0
CO9257+	CO9319	3.79	7 1-	4ACSR	0	0	1496	333	19	1	1	0.00	1.08	0
CO9258+	CO9257	3.88	6 1-	4ACSR	0	0	1467	331	18	1	1	0.00	1.08	0
CO9171+	CO9258	4.02	1 1-	4ACSR	0	0	1424	328	1	0	0	0.00	1.08	0
CO9259+	CO9258	3.98	4 1-	4ACSR	0	0	1439	329	17	1	1	0.00	1.09	0
CO9260+	CO9259	4.02	2 1-	4ACSR	0	0	1426	328	10	0	0	0.00	1.09	0
CO9316+	CO9142	3.62	2 1-	4ACSR	0	0	1540	336	5	0	0	0.00	1.06	0
OC241+	CO9316	3.62	2 1-	10 N FUSE	0	0	1540	336	5	0	3	0.00	1.06	0
CO9317+	OC241	3.73	2 1-	4ACSR	0	0	1503	333	5	0	0	0.00	1.06	0
CO9301+	CO9317	3.78	2 1-	4ACSR	0	0	1488	332	5	0	0	0.00	1.06	0
CO9306+	CO9301	3.83	1 1-	4ACSR	0	0	1473	331	0	0	0	0.00	1.06	0
CO16997+	CO9306	4.07	1 1-	4ACSR	0	0	1402	326	0	0	0	0.00	1.06	0
CO9188+	CO9263	3.53	2 1-	2ACSR	0	0	1553	336	18	1	1	0.00	1.03	0
OC627837893+	CO9188	3.53	0 1-	20 N FUSE	0	0	1553	336	0	0	0	0.00	1.03	0
CO9261+	CO9263	3.57	4 1-	2ACSR	0	0	1541	335	33	2	1	0.00	1.03	0
OC-2065405731+	CO9261	3.57	2 1-	20 N FUSE	0	0	1541	335	18	1	6	0.00	1.03	0
CO9262+	OC-2065405731	3.65	2 1-	2ACSR	0	0	1518	334	18	1	1	0.00	1.04	0
CO9180+	CO9147	2.81	5 1-	336 MCM ACSR 30	0	0	1699	339	9	0	0	0.00	0.85	0
OC-39694830+	CO9180	2.81	3 1-	20 N FUSE	0	0	1699	339	6	0	2	0.00	0.85	0
CO1999285643+	OC-39694830	2.86	3 1-	2ACSR	0	0	1683	339	6	0	0	0.00	0.85	0
CO9266+	CO9150	2.80	12 1-	336 MCM ACSR 30	0	0	1701	339	32	2	0	0.00	0.85	0
OC1433999745+	CO9266	2.80	7 1-	20 N FUSE	0	0	1701	339	22	1	7	0.00	0.85	0
CO9267+	OC1433999745	2.87	7 1-	336 MCM ACSR 30	0	0	1686	339	22	1	0	0.00	0.85	0
CO9268+	CO9267	2.88	3 1-	336 MCM ACSR 30	0	0	1684	339	16	1	0	0.00	0.85	0
CO9269+	CO9268	2.93	3 1-	336 MCM ACSR 30	0	0	1674	339	16	1	0	0.00	0.85	0
CO9314+	CO9272	2.43	32 1-	6ACWC	0	0	1781	341	153	10	7	0.00	0.77	0
OC240+	CO9314	2.43	32 1-	70 E OCR	0	0	1781	341	153	10	15	0.00	0.77	0
CO9315+	OC240	2.52	32 1-	6ACWC	0	0	1745	339	153	10	7	0.02	0.79	5
CO9170+	CO9315	2.64	4 1-	6ACWC	0	0	1698	336	11	0	1	0.00	0.80	0
CO9276+	CO9315	2.65	28 1-	6ACWC	0	0	1692	336	142	9	7	0.03	0.82	6
CO9277+	CO9276	2.73	28 1-	6ACWC	0	0	1662	335	142	9	7	0.02	0.84	3

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9152+	CO9277	2.81	23 1-	6ACWC	0	0	1630	333	117	7	6	0.01	0.85	3
CO9287+	CO9152	2.86	10 1-	6ACWC	0	0	1614	332	60	4	3	0.00	0.86	0
CO9288+	CO9287	2.89	10 1-	6ACWC	0	0	1600	331	60	4	3	0.00	0.86	0
CO9146+	CO9288	3.05	9 1-	6ACWC	0	0	1544	328	54	3	3	0.01	0.87	0
CO9285+	CO9146	3.16	7 1-	6ACWC	0	0	1505	326	41	2	2	0.01	0.88	0
CO9286+	CO9285	3.31	6 1-	6ACWC	0	0	1453	323	32	2	2	0.01	0.89	0
CO9284+	CO9286	3.33	6 1-	6ACWC	0	0	1447	322	32	2	2	0.00	0.89	0
CO9283+	CO9284	3.44	6 1-	6ACWC	0	0	1411	320	32	2	2	0.00	0.89	0
CO9187+	CO9283	3.54	5 1-	2ACSR	0	0	1386	319	21	1	1	0.00	0.89	0
CO9178+	CO9146	3.20	2 1-	6ACWC	0	0	1492	325	13	0	1	0.00	0.87	0
CO9179+	CO9288	3.20	1 1-	6ACWC	0	0	1492	325	6	0	0	0.00	0.86	0
CO9281+	CO9152	2.90	12 1-	6ACWC	0	0	1598	331	57	3	3	0.01	0.86	0
CO9282+	CO9281	2.94	7 1-	6ACWC	0	0	1585	330	44	3	2	0.00	0.86	0
CO9280+	CO9282	2.97	5 1-	6ACWC	0	0	1573	330	27	1	1	0.00	0.86	0
CO9279+	CO9280	2.99	2 1-	6ACWC	0	0	1563	329	12	0	1	0.00	0.86	0
CO9278+	CO9279	3.03	2 1-	6ACWC	0	0	1549	328	12	0	1	0.00	0.86	0
CO9182+	CO9277	2.81	2 1-	6ACWC	0	0	1630	333	9	0	0	0.00	0.84	0
CO9270+	CO9272	2.47	12 1-	336 MCM ACSR 30	0	0	1775	341	33	2	0	0.00	0.77	0
CO9177+	CO9270	2.50	1 1-	336 MCM ACSR 30	0	0	1768	341	0	0	0	0.00	0.77	0
CO9271+	CO9270	2.50	8 1-	336 MCM ACSR 30	0	0	1766	341	29	1	0	0.00	0.77	0
CO16992+	CO9271	2.58	2 1-	336 MCM ACSR 30	0	0	1749	340	15	1	0	0.00	0.77	0
CO8823+	CO16992	2.69	1 1-	2ACSR	0	0	1710	339	6	0	0	0.00	0.77	0
CO1052042895+	CO730725189	2.40	1 1-	2ACSR	0	0	1768	339	17	1	1	0.00	0.65	0
OC-1129340370+	CO1052042895	2.40	0 1-	20 N FUSE	0	0	1768	339	0	0	0	0.00	0.65	0
CO9097+	CO9010	1.23	3 1-	4ACSR	0	0	2135	347	13	0	1	0.00	0.35	0
OC225+	CO9097	1.23	3 1-	20 N FUSE	0	0	2135	347	13	0	4	0.00	0.35	0
CO9098+	OC225	1.29	3 1-	4ACSR	0	0	2102	346	13	0	1	0.00	0.35	0
CO8775+	CO9098	1.47	2 1-	336 MCM ACSR 30	0	0	2045	345	9	0	0	0.00	0.35	0
CO8774+	CO9098	1.42	1 1-	336 MCM ACSR 30	0	0	2061	346	4	0	0	0.00	0.35	0
CO8776+	CO8737	0.23	1 1-	336 MCM ACSR 30	0	0	2530	352	3	0	0	0.00	0.05	0
OC686693937+	CO8776	0.23	0 1-	20 N FUSE	0	0	2530	352	0	0	0	0.00	0.05	0
CO8837+	CO9122	0.02	7 1-	4ACSR	0	0	2626	353	22	1	1	0.00	0.00	0
CO8838+	CO8837	0.05	7 1-	4ACSR	0	0	2608	352	22	1	1	0.00	0.00	0
CO9092+	CO8838	0.07	1 1-	4ACSR	0	0	2593	352	1	0	0	0.00	0.00	0
CO9093+	CO9092	0.17	1 1-	4ACSR	0	0	2514	349	1	0	0	0.00	0.00	0
CO8901+	CO9093	0.52	1 1-	4ACSR	0	0	2245	342	1	0	0	0.00	0.00	0
CO8900+	CO8901	0.69	1 1-	4ACSR	0	0	2129	338	1	0	0	0.00	0.01	0
CO8899+	CO8900	0.88	1 1-	4ACSR	0	0	2006	334	1	0	0	0.00	0.01	0
CO8898+	CO8899	1.18	1 1-	4ACSR	0	0	1825	328	1	0	0	0.00	0.01	0
CO9084+	CO8838	0.08	5 1-	4ACSR	0	0	2580	351	21	1	1	0.00	0.01	0
CO9085+	CO9084	0.11	3 1-	4ACSR	0	0	2561	351	19	1	1	0.00	0.01	0
CO8785+	CO9085	0.12	3 1-	4ACSR	0	0	2551	351	19	1	1	0.00	0.01	0
CO9072+	CO8838	0.06	1 1-	2ACSR	0	0	2595	352	1	0	0	0.00	0.00	0
CO9073+	CO9072	0.13	1 1-	2ACSR	0	0	2549	351	1	0	0	0.00	0.00	0
CO9121+	CO9120	0.02	219 3-	750 MCM - 42 Wi	2419	2620	2632	353	1458	32	3	0.00	0.00	0
Hart Pk+	CO9121	0.02	219 3-	560 200WVE	2419	2620	2632	353	1458	32	6	0.00	0.00	0
CO8836+	Hart Pk	0.04	219 3-	336ACSR	2413	2608	2620	353	1458	32	6	0.00	0.01	5
CO9058+	CO8836	0.08	219 3-	336ACSR	2404	2592	2604	353	1458	32	6	0.00	0.01	6
CO9059+	CO9058	0.18	219 3-	336ACSR	2377	2545	2556	352	1458	32	6	0.01	0.02	19
CO9061+	CO9059	0.27	219 3-	336ACSR	2351	2502	2511	352	1458	32	6	0.01	0.03	18
CO9064+	CO9061	0.32	219 3-	336ACSR	2338	2479	2487	352	1458	32	6	0.01	0.04	10

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO9065+	CO9064	0.36	219 3-	336ACSR	2329	2465	2473	351	1458	32	6	0.00	0.04	6
CO9067+	CO9065	0.41	219 3-	336ACSR	2316	2443	2450	351	1458	32	6	0.01	0.05	10
CO9070+	CO9067	0.45	219 3-	336ACSR	2305	2425	2431	351	1458	32	6	0.00	0.05	8
CO9071+	CO9070	0.57	219 3-	336ACSR	2274	2377	2379	350	1458	32	6	0.01	0.06	23
CO8996+	CO9071	0.68	219 3-	4ACSR	2233	2310	2312	348	1457	32	23	0.06	0.13	156
CO8997+	CO8996	0.79	219 3-	4ACSR	2186	2238	2237	346	1457	32	23	0.07	0.20	178
CO8998+	CO8997	0.87	219 3-	4ACSR	2150	2187	2182	344	1456	32	23	0.05	0.26	132
CO1398093830+	CO8998	0.94	3 3-	2ACSR	2126	2154	2145	343	34	0	0	0.00	0.26	0
CO-2112957331+	CO1398093830	1.00	3 3-	2ACSR	2106	2126	2115	342	34	0	0	0.00	0.26	0
CO8994+	CO-2112957331	1.05	1 1-	4ACSR	0	0	2083	341	3	0	0	0.00	0.26	0
CO8995+	CO8994	1.10	1 1-	4ACSR	0	0	2048	340	3	0	0	0.00	0.26	0
CO-1237095571+	CO-2112957331	1.03	2 3-	2ACSR	2094	2110	2097	341	32	0	0	0.00	0.26	0
CO-1010102373+	CO-1237095571	1.07	2 3-	1/0PRIURD	2090	2098	2080	800	32	0	0	0.00	0.26	0
CO8740+	CO8998	1.00	215 3-	4ACSR	2097	2115	2102	341	1416	31	23	0.08	0.34	185
CO8741+	CO8740	1.17	214 3-	4ACSR	2024	2024	1999	337	1373	30	22	0.10	0.44	237
CO8780+	CO8741	1.25	0 1-	4ACSR	0	0	1955	336	0	0	0	0.00	0.44	0
OC-849660451+	CO8780	1.25	0 1-	20 N FUSE	0	0	1955	336	0	0	0	0.00	0.44	0
CO8742+	CO8741	1.59	214 3-	4ACSR	1853	1828	1772	329	1372	30	22	0.25	0.69	579
CO9101+	CO8742	1.59	1 1-	4ACSR	0	0	1769	329	4	0	0	0.00	0.69	0
OC227+	CO9101	1.59	1 1-	10 N FUSE	0	0	1769	329	4	0	2	0.00	0.69	0
CO9102+	OC227	1.79	1 1-	4ACSR	0	0	1675	325	4	0	0	0.00	0.70	0
CO8989+	CO9102	1.89	0 1-	4ACSR	0	0	1629	323	0	0	0	0.00	0.70	0
CO8990+	CO8989	1.99	0 1-	4ACSR	0	0	1584	321	0	0	0	0.00	0.70	0
CO8987+	CO8742	1.68	213 3-	4ACSR	1815	1787	1724	327	1365	30	22	0.06	0.75	134
CO8988+	CO8987	1.76	212 3-	4ACSR	1785	1755	1687	325	1362	30	22	0.05	0.80	106
CO8748+	CO8988	1.95	211 3-	4ACSR	1715	1682	1602	322	1360	30	22	0.11	0.92	259
CO8985+	CO8748	2.06	4 1-	4ACSR	0	0	1557	320	7	0	0	0.00	0.92	0
OC-296303887+	CO8985	2.06	3 1-	20 N FUSE	0	0	1557	320	7	0	2	0.00	0.92	0
CO8986+	OC-296303887	2.16	3 1-	4ACSR	0	0	1515	318	7	0	0	0.00	0.92	0
CO8747+	CO8748	2.23	205 3-	4ACSR	1615	1580	1487	316	1346	30	22	0.17	1.09	382
CO16978+	CO8747	2.48	203 3-	4ACSR	1536	1502	1399	312	1339	30	22	0.14	1.23	323
CO8527+	CO16978	2.51	202 3-	4ACSR	1525	1491	1387	311	1334	30	22	0.02	1.25	46
CO8608+	CO8527	2.61	1 1-	4ACSR	0	0	1356	309	1	0	0	0.00	1.25	0
OC1111394777+	CO8608	2.61	1 1-	20 N FUSE	0	0	1356	309	1	0	0	0.00	1.25	0
CO8607+	OC1111394777	2.64	1 1-	4ACSR	0	0	1344	309	1	0	0	0.00	1.25	0
CO8605+	CO8527	2.57	3 1-	4ACSR	0	0	1368	310	9	0	0	0.00	1.25	0
OC386180883+	CO8605	2.57	1 1-	20 N FUSE	0	0	1368	310	2	0	1	0.00	1.25	0
CO8606+	OC386180883	2.61	1 1-	4ACSR	0	0	1356	309	2	0	0	0.00	1.25	0
CO8414+	CO8527	2.58	198 3-	4ACSR	1502	1469	1363	310	1323	30	21	0.04	1.29	96
CO8610+	CO8414	2.77	1 1-	4ACSR	0	0	1303	306	7	0	0	0.00	1.30	0
OC1080640217+	CO8610	2.77	1 1-	20 N FUSE	0	0	1303	306	7	0	2	0.00	1.30	0
CO8609+	OC1080640217	2.81	1 1-	4ACSR	0	0	1292	306	7	0	0	0.00	1.30	0
CO8415+	CO8414	2.65	0 3-	1/0ACSR	1491	1457	1350	309	0	0	0	0.00	1.29	0
CO8658+	CO8415	2.65	0 3-	1/0ACSR	1490	1456	1348	309	0	0	0	0.00	1.29	0
XFMR15	CO8658	2.65	0 3-	333 KVA 1PH AUT	990	977	956	171	0	0	0	0.00	1.29	0
CO8529+	CO8414	2.65	194 3-	1/0ACSR	1489	1456	1348	309	1309	29	13	0.02	1.31	35
CO8655+	CO8529	2.72	193 3-	1/0ACSR	1478	1444	1335	309	1309	29	13	0.02	1.33	32
CO8528+	CO8655	2.90	190 3-	1/0ACSR	1445	1410	1297	307	1285	29	13	0.05	1.38	90
CO8530+	CO8528	3.04	188 3-	1/0ACSR	1422	1386	1271	306	1275	29	13	0.03	1.41	65
CO8393+	CO8530	3.12	188 3-	1/0ACSR	1408	1372	1256	305	1275	29	13	0.02	1.43	40
CO8411+	CO8393	3.16	187 3-	1/0ACSR	1401	1365	1248	305	1267	28	13	0.01	1.44	19
CO8524+	CO8411	3.23	186 3-	1/0ACSR	1390	1354	1236	304	1261	28	12	0.02	1.46	32

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8523+	CO8524	3.26	186 3-	1/0ACSR	1385	1348	1230	304	1261	28	12	0.01	1.47	17
CO8604+	CO8523	3.29	1 1-	4ACSR	0	0	1221	303	11	0	1	0.00	1.47	0
OC-224456339+	CO8604	3.29	0 1-	20 N FUSE	0	0	1221	303	0	0	0	0.00	1.47	0
CO8603+	OC-224456339	3.35	0 1-	4ACSR	0	0	1205	302	0	0	0	0.00	1.47	0
CO8412+	CO8523	3.44	184 3-	1/0ACSR	1357	1320	1199	302	1238	28	12	0.04	1.51	80
CO8666+	CO8412	3.45	35 1-	2ACSR	0	0	1198	302	229	15	9	0.00	1.51	0
OCD244+	CO8666	3.45	35 1-	35 L OCR	0	0	1198	302	229	15	45	0.00	1.51	0
CO8667+	OCD244	3.53	35 1-	2ACSR	0	0	1180	301	229	15	9	0.02	1.53	8
CO8475+	CO8667	3.59	34 1-	2ACSR	0	0	1168	301	227	15	9	0.01	1.55	5
CO8474+	CO8475	3.67	33 1-	2ACSR	0	0	1154	300	224	15	9	0.02	1.56	6
CO8565+	CO8474	3.74	3 1-	2ACSR	0	0	1141	299	28	1	1	0.00	1.57	0
CO8567+	CO8565	3.77	3 1-	2ACSR	0	0	1135	299	28	1	1	0.00	1.57	0
CO8467+	CO8567	3.85	1 1-	2ACSR	0	0	1119	297	14	0	1	0.00	1.57	0
CO8566+	CO8567	3.98	2 1-	2ACSR	0	0	1097	296	14	0	1	0.00	1.57	0
CO8394+	CO8474	3.86	30 1-	2ACSR	0	0	1119	297	196	13	7	0.04	1.60	12
CO8651+	CO8394	3.91	4 1-	2ACSR	0	0	1109	297	23	1	1	0.00	1.60	0
CO8652+	CO8651	3.97	4 1-	2ACSR	0	0	1099	296	23	1	1	0.00	1.61	0
CO8561+	CO8652	4.00	1 1-	2ACSR	0	0	1094	296	15	1	1	0.00	1.61	0
CO8653+	CO8652	4.01	3 1-	2ACSR	0	0	1092	296	7	0	0	0.00	1.61	0
CO8654+	CO8653	4.09	1 1-	2ACSR	0	0	1078	295	2	0	0	0.00	1.61	0
CO8477+	CO8394	3.95	25 1-	2ACSR	0	0	1103	296	173	11	7	0.02	1.62	5
CO8476+	CO8477	3.99	25 1-	2ACSR	0	0	1096	296	173	11	7	0.01	1.63	0
CO8558+	CO8476	4.07	1 1-	2ACSR	0	0	1081	295	8	0	0	0.00	1.63	0
CO8560+	CO8558	4.17	1 1-	2ACSR	0	0	1066	294	8	0	0	0.00	1.63	0
CO8559+	CO8560	4.26	1 1-	2ACSR	0	0	1051	293	8	0	0	0.00	1.63	0
CO8392+	CO8476	4.03	23 1-	2ACSR	0	0	1088	295	156	10	6	0.01	1.64	0
CO8479+	CO8392	4.12	22 1-	2ACSR	0	0	1073	294	141	9	5	0.01	1.65	3
CO8478+	CO8479	4.17	22 1-	2ACSR	0	0	1065	294	141	9	5	0.01	1.66	0
CO8480+	CO8478	4.27	21 1-	2ACSR	0	0	1050	293	139	9	5	0.01	1.67	3
CO8424+	CO8480	4.33	2 1-	2ACSR	0	0	1041	292	5	0	0	0.00	1.67	0
CO8423+	CO8480	4.29	0 1-	2ACSR	0	0	1046	292	0	0	0	0.00	1.67	0
CO8395+	CO8480	4.34	16 1-	2ACSR	0	0	1038	292	111	7	4	0.01	1.68	0
CO8490+	CO8395	4.43	14 1-	2ACSR	0	0	1025	291	87	5	3	0.01	1.69	0
CO8489+	CO8490	4.46	13 1-	2ACSR	0	0	1020	291	76	5	3	0.00	1.69	0
CO8557+	CO8489	4.52	2 1-	2ACSR	0	0	1010	290	17	1	1	0.00	1.69	0
CO8426+	CO8557	4.55	1 1-	2ACSR	0	0	1006	289	14	0	1	0.00	1.69	0
CO8556+	CO8557	4.64	1 1-	2ACSR	0	0	994	289	3	0	0	0.00	1.69	0
CO8483+	CO8489	4.58	10 1-	2ACSR	0	0	1002	289	46	3	2	0.01	1.69	0
CO1934753467+	CO8483	4.60	1 1-	2ACSR	0	0	999	289	19	1	1	0.00	1.69	0
CO8482+	CO8483	4.69	8 1-	2ACSR	0	0	987	288	15	1	1	0.00	1.69	0
OC-1609078959+	CO8482	4.69	7 1-	20 N FUSE	0	0	987	288	11	0	4	0.00	1.69	0
CO8484+	OC-1609078959	4.74	7 1-	2ACSR	0	0	979	287	11	0	0	0.00	1.70	0
CO8481+	CO8484	4.89	7 1-	2ACSR	0	0	959	286	11	0	0	0.00	1.70	0
CO8422+	CO8481	4.98	0 1-	2ACSR	0	0	947	285	0	0	0	0.00	1.70	0
CO8487+	CO8481	4.99	6 1-	2ACSR	0	0	946	285	10	0	0	0.00	1.70	0
CO8486+	CO8487	5.05	3 1-	2ACSR	0	0	939	284	0	0	0	0.00	1.70	0
CO8488+	CO8486	5.12	2 1-	2ACSR	0	0	929	283	0	0	0	0.00	1.70	0
CO8485+	CO8488	5.23	1 1-	2ACSR	0	0	915	282	0	0	0	0.00	1.70	0
CO8428+	CO8485	5.36	1 1-	2ACSR	0	0	901	281	0	0	0	0.00	1.70	0
CO8562+	CO8395	4.42	1 1-	2ACSR	0	0	1026	291	12	0	0	0.00	1.68	0
CO8564+	CO8562	4.45	1 1-	2ACSR	0	0	1022	291	12	0	0	0.00	1.68	0
CO8563+	CO8564	4.49	1 1-	2ACSR	0	0	1016	290	12	0	0	0.00	1.68	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8492+	CO8480	4.38	2 1-	2ACSR	0	0	1032	291	10	0	0	0.00	1.67	0
CO8491+	CO8492	4.47	2 1-	2ACSR	0	0	1019	290	10	0	0	0.00	1.67	0
CO8396+	CO8491	4.53	2 1-	2ACSR	0	0	1009	290	10	0	0	0.00	1.67	0
CO8568+	CO8396	4.58	2 1-	2ACSR	0	0	1002	289	10	0	0	0.00	1.67	0
CO8570+	CO8568	4.68	1 1-	2ACSR	0	0	988	288	4	0	0	0.00	1.67	0
CO8569+	CO8570	4.72	0 1-	2ACSR	0	0	982	288	0	0	0	0.00	1.67	0
CO8493+	CO8396	4.69	0 1-	2ACSR	0	0	987	288	0	0	0	0.00	1.67	0
CO8497+	CO8493	4.71	0 1-	2ACSR	0	0	984	288	0	0	0	0.00	1.67	0
CO8494+	CO8497	4.84	0 1-	2ACSR	0	0	966	286	0	0	0	0.00	1.67	0
CO8496+	CO8494	4.99	0 1-	2ACSR	0	0	945	285	0	0	0	0.00	1.67	0
CO8495+	CO8496	5.15	0 1-	2ACSR	0	0	926	283	0	0	0	0.00	1.67	0
CO8425+	CO8392	4.10	1 1-	2ACSR	0	0	1076	295	14	0	1	0.00	1.64	0
CO8429+	CO8394	4.01	1 1-	2ACSR	0	0	1093	296	1	0	0	0.00	1.60	0
CO8397+	CO8412	3.57	149 3-	1/0ACSR	1337	1300	1177	301	1008	22	10	0.03	1.53	40
CO8498+	CO8397	3.61	145 3-	1/0ACSR	1331	1293	1171	301	971	22	10	0.01	1.54	12
CO8500+	CO8498	3.74	144 3-	1/0ACSR	1312	1274	1150	300	959	21	9	0.02	1.57	35
CO8499+	CO8500	3.85	143 3-	1/0ACSR	1297	1259	1134	299	954	21	9	0.02	1.59	28
CO8571+	CO8499	3.88	3 1-	1/0ACSR	0	0	1129	299	32	2	1	0.00	1.59	0
OC-599644184+	CO8571	3.88	3 1-	20 N FUSE	0	0	1129	299	32	2	11	0.00	1.59	0
CO8573+	OC-599644184	3.93	3 1-	1/0ACSR	0	0	1122	298	32	2	1	0.00	1.59	0
CO8575+	CO8573	3.99	2 1-	1/0ACSR	0	0	1112	298	30	2	1	0.00	1.59	0
CO8574+	CO8575	4.01	1 1-	1/0ACSR	0	0	1110	298	15	1	0	0.00	1.59	0
CO8572+	CO8574	4.06	1 1-	1/0ACSR	0	0	1103	297	15	1	0	0.00	1.59	0
CO8432+	CO8499	3.89	4 1-	1/0ACSR	0	0	1127	299	32	2	1	0.00	1.59	0
OC-513430373+	CO8432	3.89	0 1-	20 N FUSE	0	0	1127	299	0	0	0	0.00	1.59	0
CO8502+	CO8499	3.92	136 3-	1/0ACSR	1286	1248	1122	298	890	20	9	0.01	1.60	19
CO8501+	CO8502	4.09	136 3-	1/0ACSR	1263	1225	1098	297	890	20	9	0.03	1.63	39
CO8398+	CO8501	4.17	134 3-	1/0ACSR	1253	1215	1088	296	881	20	9	0.01	1.64	17
CO8645+	CO8398	4.22	2 1-	1/0ACSR	0	0	1080	296	29	1	1	0.00	1.64	0
OC-1079453550+	CO8645	4.22	2 1-	20 N FUSE	0	0	1080	296	29	1	10	0.00	1.64	0
CO8646+	OC-1079453550	4.34	2 1-	1/0ACSR	0	0	1064	295	29	1	1	0.00	1.65	0
CO8452+	CO8646	4.41	1 1-	1/0ACSR	0	0	1056	294	17	1	1	0.00	1.65	0
CO8504+	CO8398	4.25	128 3-	1/0ACSR	1242	1204	1076	296	823	18	8	0.01	1.66	17
CO8503+	CO8504	4.37	127 3-	1/0ACSR	1227	1189	1060	295	815	18	8	0.02	1.68	23
CO8543+	CO8503	4.44	127 3-	1/0ACSR	1218	1180	1051	294	815	18	8	0.01	1.69	13
CO8542+	CO8543	4.51	127 3-	1/0ACSR	1210	1172	1042	294	815	18	8	0.01	1.70	13
CO8419+	CO8542	4.57	14 1-	4ACSR	0	0	1030	292	130	8	6	0.01	1.71	3
OC756203046+	CO8419	4.57	12 1-	20 N FUSE	0	0	1030	292	114	7	39	0.00	1.71	0
CO8649+	OC756203046	4.61	10 1-	4ACSR	0	0	1023	292	89	6	4	0.00	1.71	0
CO8650+	CO8649	4.62	9 1-	4ACSR	0	0	1021	292	70	4	3	0.00	1.72	0
CO8640+	CO8650	4.67	6 1-	2ACSR	0	0	1013	291	50	3	2	0.00	1.72	0
CO8638+	CO8640	4.73	4 1-	2ACSR	0	0	1005	291	36	2	1	0.00	1.72	0
CO8639+	CO8638	4.78	3 1-	2ACSR	0	0	997	290	34	2	1	0.00	1.72	0
CO8642+	CO8639	4.81	2 1-	2ACSR	0	0	993	290	30	2	1	0.00	1.72	0
CO8472+	CO8642	4.87	1 1-	4ACSR	0	0	983	289	15	1	1	0.00	1.72	0
CO8641+	CO8642	4.83	1 1-	2ACSR	0	0	990	289	15	1	1	0.00	1.72	0
CO8470+	CO8638	4.78	1 1-	2ACSR	0	0	998	290	2	0	0	0.00	1.72	0
CO8647+	CO8650	4.63	3 1-	4ACSR	0	0	1019	292	20	1	1	0.00	1.72	0
CO8648+	CO8647	4.67	3 1-	4ACSR	0	0	1012	291	20	1	1	0.00	1.72	0
CO8466+	CO8648	4.71	1 1-	4ACSR	0	0	1003	290	3	0	0	0.00	1.72	0
CO8618+	CO8648	4.69	2 1-	4ACSR	0	0	1008	291	17	1	1	0.00	1.72	0
CO8613+	CO8618	4.76	2 1-	4ACSR	0	0	995	289	17	1	1	0.00	1.72	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8617+	CO8613	4.79	1 1-	4ACSR	0	0	989	289	5	0	0	0.00	1.72	0
CO8616+	CO8617	4.84	1 1-	4ACSR	0	0	981	288	5	0	0	0.00	1.72	0
CO8614+	CO8616	4.95	0 1-	4ACSR	0	0	962	286	0	0	0	0.00	1.72	0
CO8615+	CO8614	5.04	0 1-	4ACSR	0	0	947	285	0	0	0	0.00	1.72	0
CO8633+	OC756203046	4.61	2 1-	4ACSR	0	0	1023	292	25	1	1	0.00	1.71	0
CO8632+	CO8633	4.63	1 1-	4ACSR	0	0	1019	292	13	0	1	0.00	1.71	0
CO8418+	CO8542	4.56	109 3-	1/0ACSR	1204	1166	1036	293	632	14	6	0.01	1.70	6
CO8505+	CO8418	4.58	109 3-	1/0ACSR	1201	1164	1034	293	632	14	6	0.00	1.71	2
CO8507+	CO8505	4.60	107 3-	1/0ACSR	1198	1161	1031	293	627	14	6	0.00	1.71	3
CO8506+	CO8507	4.62	106 3-	1/0ACSR	1196	1158	1028	293	614	14	6	0.00	1.71	2
CO8436+	CO8506	4.70	0 1-	4ACSR	0	0	1014	291	0	0	0	0.00	1.71	0
OC-1286986008+	CO8436	4.70	0 1-	20 N FUSE	0	0	1014	291	0	0	0	0.00	1.71	0
CO8539+	CO8506	4.64	106 3-	1/0ACSR	1193	1156	1025	292	614	14	6	0.00	1.71	2
CO8541+	CO8539	4.66	106 3-	1/0ACSR	1191	1153	1023	292	614	14	6	0.00	1.72	2
CO8540+	CO8541	4.69	105 3-	1/0ACSR	1188	1150	1020	292	613	13	6	0.00	1.72	3
CO8462+	CO8540	4.77	2 1-	2ACSR	0	0	1007	291	16	1	1	0.00	1.72	0
CO8664+	CO8540	4.70	47 1-	2ACSR	0	0	1019	292	297	20	11	0.00	1.72	0
OC219+	CO8664	4.70	47 1-	50 L OCR	0	0	1019	292	297	20	0	0.00	1.72	0
CO8665+	OC219	4.71	47 1-	2ACSR	0	0	1017	292	297	20	11	0.00	1.73	0
CO8510+	CO8665	4.82	47 1-	2ACSR	0	0	1000	291	297	20	11	0.04	1.76	17
CO8577+	CO8510	4.91	1 1-	2ACSR	0	0	988	290	14	0	1	0.00	1.76	0
CO8576+	CO8577	5.02	1 1-	2ACSR	0	0	973	288	14	0	1	0.00	1.76	0
CO8400+	CO8510	4.94	46 1-	2ACSR	0	0	983	289	283	19	11	0.04	1.80	16
CO8399+	CO8400	5.02	45 1-	2ACSR	0	0	972	288	283	19	11	0.02	1.82	11
CO8439+	CO8399	5.12	1 1-	4ACSR	0	0	956	287	2	0	0	0.00	1.82	0
CO8526+	CO8399	5.07	43 1-	2ACSR	0	0	966	288	280	19	11	0.01	1.84	5
CO8525+	CO8526	5.14	42 1-	2ACSR	0	0	956	287	267	18	10	0.02	1.86	9
CO8450+	CO8525	5.23	1 1-	4ACSR	0	0	943	286	10	0	0	0.00	1.86	0
CO8656+	CO8450	5.25	1 1-	1/0PRIURD	0	0	940	535	10	0	0	0.00	1.86	0
CO8413+	CO8525	5.49	41 1-	2ACSR	0	0	913	283	258	17	10	0.10	1.95	38
CO8511+	CO8413	5.56	34 1-	2ACSR	0	0	904	282	204	13	8	0.02	1.97	5
CO8513+	CO8511	5.71	34 1-	2ACSR	0	0	887	281	204	13	8	0.03	2.00	10
CO8512+	CO8513	5.75	34 1-	2ACSR	0	0	882	280	204	13	8	0.01	2.01	3
CO8441+	CO8512	5.89	3 1-	4ACSR	0	0	863	278	6	0	0	0.00	2.01	0
CO8401+	CO8512	5.78	31 1-	2ACSR	0	0	879	280	197	13	8	0.01	2.02	0
CO8582+	CO8401	5.80	2 1-	4ACSR	0	0	877	280	7	0	0	0.00	2.02	0
CO8443+	CO8582	5.85	1 1-	4ACSR	0	0	869	279	2	0	0	0.00	2.02	0
CO8581+	CO8582	5.89	1 1-	4ACSR	0	0	864	279	5	0	0	0.00	2.02	0
CO8442+	CO8401	5.84	1 1-	4ACSR	0	0	870	279	7	0	0	0.00	2.02	0
CO8402+	CO8401	5.81	28 1-	2ACSR	0	0	876	280	184	12	7	0.01	2.02	0
CO8403+	CO8402	5.86	27 1-	2ACSR	0	0	870	279	181	12	7	0.01	2.03	3
CO8584+	CO8403	5.93	2 1-	4ACSR	0	0	860	278	2	0	0	0.00	2.03	0
CO8583+	CO8584	5.99	2 1-	4ACSR	0	0	852	277	2	0	0	0.00	2.03	0
CO8404+	CO8403	5.99	25 1-	2ACSR	0	0	856	278	179	12	7	0.03	2.06	7
CO8405+	CO8404	6.14	22 1-	2ACSR	0	0	840	276	159	10	6	0.03	2.08	6
OC-1097893874+	CO8405	6.14	22 1-	20 N FUSE	0	0	840	276	159	10	55	0.00	2.08	0
CO8593+	OC-1097893874	6.22	1 1-	4ACSR	0	0	830	275	4	0	0	0.00	2.08	0
CO8592+	CO8593	6.27	1 1-	4ACSR	0	0	823	274	4	0	0	0.00	2.08	0
CO8590+	OC-1097893874	6.20	1 1-	4ACSR	0	0	833	276	25	1	1	0.00	2.08	0
CO8406+	OC-1097893874	6.25	20 1-	2ACSR	0	0	829	275	130	8	5	0.02	2.10	3
CO8518+	CO8406	6.33	2 1-	2ACSR	0	0	822	274	21	1	1	0.00	2.10	0
CO8520+	CO8518	6.38	1 1-	2ACSR	0	0	817	274	16	1	1	0.00	2.10	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8519+	CO8520	6.69	1 1-	2ACSR	0	0	787	271	16	1	1	0.00	2.10	0
CO8515+	CO8406	6.35	17 1-	2ACSR	0	0	819	274	108	7	4	0.01	2.11	0
CO8514+	CO8515	6.48	17 1-	2ACSR	0	0	807	273	108	7	4	0.01	2.12	2
CO8595+	CO8514	6.58	3 1-	4ACSR	0	0	795	272	30	2	1	0.00	2.13	0
CO8594+	CO8595	6.62	2 1-	4ACSR	0	0	790	271	18	1	1	0.00	2.13	0
CO8596+	CO8594	6.68	1 1-	4ACSR	0	0	784	270	10	0	1	0.00	2.13	0
CO8407+	CO8514	6.55	12 1-	2ACSR	0	0	800	272	60	4	2	0.00	2.13	0
CO8446+	CO8407	6.75	1 1-	4ACSR	0	0	778	269	2	0	0	0.00	2.13	0
CO8408+	CO8407	6.56	11 1-	2ACSR	0	0	799	272	58	3	2	0.00	2.13	0
CO8517+	CO8408	6.63	10 1-	2ACSR	0	0	793	271	44	3	2	0.00	2.13	0
CO8516+	CO8517	6.80	10 1-	2ACSR	0	0	778	270	44	3	2	0.01	2.14	0
CO8409+	CO8516	6.93	7 1-	2ACSR	0	0	766	268	33	2	1	0.00	2.15	0
CO8602+	CO8409	6.98	1 1-	4ACSR	0	0	761	268	0	0	0	0.00	2.15	0
CO8601+	CO8602	7.03	1 1-	4ACSR	0	0	756	267	0	0	0	0.00	2.15	0
CO8410+	CO8409	7.03	5 1-	2ACSR	0	0	758	267	14	0	1	0.00	2.15	0
CO16983+	CO8410	7.16	5 1-	2ACSR	0	0	747	266	14	0	1	0.00	2.15	0
CO8672+	CO16983	7.23	3 1-	2ACSR	0	0	741	265	14	0	1	0.00	2.15	0
CO8674+	CO8672	7.30	1 1-	2ACSR	0	0	736	265	0	0	0	0.00	2.15	0
CO8673+	CO8674	7.35	0 1-	2ACSR	0	0	732	264	0	0	0	0.00	2.15	0
CO16982+	CO16983	7.33	2 1-	2ACSR	0	0	734	265	0	0	0	0.00	2.15	0
CO16984+	CO16982	7.54	2 1-	2ACSR	0	0	718	263	0	0	0	0.00	2.15	0
CO30665+	CO16984	7.76	2 1-	2ACSR	0	0	701	260	0	0	0	0.00	2.15	0
CO8668+	CO30665	7.89	1 1-	2ACSR	0	0	692	259	0	0	0	0.00	2.15	0
CO8670+	CO30665	7.93	0 1-	2ACSR	0	0	689	259	0	0	0	0.00	2.15	0
CO8671+	CO8670	8.22	0 1-	2ACSR	0	0	670	256	0	0	0	0.00	2.15	0
CO17108+	CO8671	8.63	0 1-	2ACSR	0	0	644	253	0	0	0	0.00	2.15	0
CO8449+	CO16982	7.46	0 1-	4ACSR	0	0	721	263	0	0	0	0.00	2.15	0
CO8660+	CO8410	7.03	0 1-	2ACSR	0	0	758	267	0	0	0	0.00	2.15	0
CO8448+	CO8409	7.05	1 1-	4ACSR	0	0	754	267	19	1	1	0.00	2.15	0
CO8522+	CO8516	6.82	3 1-	4ACSR	0	0	775	269	11	0	1	0.00	2.14	0
CO8521+	CO8522	6.97	3 1-	4ACSR	0	0	759	267	11	0	1	0.00	2.14	0
CO8600+	CO8521	7.13	1 1-	4ACSR	0	0	742	265	2	0	0	0.00	2.14	0
CO8599+	CO8600	7.19	1 1-	4ACSR	0	0	736	264	2	0	0	0.00	2.14	0
CO8598+	CO8521	7.02	1 1-	4ACSR	0	0	754	267	4	0	0	0.00	2.14	0
CO8597+	CO8598	7.06	1 1-	4ACSR	0	0	749	266	4	0	0	0.00	2.14	0
CO8447+	CO8408	6.60	1 1-	4ACSR	0	0	795	272	14	0	1	0.00	2.13	0
CO8586+	CO8404	6.14	3 1-	4ACSR	0	0	837	276	20	1	1	0.00	2.06	0
CO8445+	CO8586	6.21	1 1-	4ACSR	0	0	827	275	10	0	0	0.00	2.06	0
CO8585+	CO8586	6.29	2 1-	4ACSR	0	0	818	274	10	0	0	0.00	2.06	0
CO8444+	CO8402	5.89	1 1-	4ACSR	0	0	865	279	3	0	0	0.00	2.02	0
CO8509+	CO8413	5.64	7 1-	4ACSR	0	0	890	281	54	3	3	0.01	1.97	0
CO8508+	CO8509	5.79	6 1-	4ACSR	0	0	869	279	48	3	2	0.01	1.98	0
CO8579+	CO8508	5.87	1 1-	4ACSR	0	0	858	277	9	0	0	0.00	1.98	0
CO8578+	CO8508	5.89	4 1-	4ACSR	0	0	855	277	23	1	1	0.00	1.98	0
CO8580+	CO8578	6.00	2 1-	4ACSR	0	0	841	276	18	1	1	0.00	1.98	0
CO8440+	CO8508	5.85	1 1-	4ACSR	0	0	861	278	15	1	1	0.00	1.98	0
CO8438+	CO8400	5.10	1 1-	4ACSR	0	0	957	287	0	0	0	0.00	1.80	0
CO8662+	CO8540	4.70	54 1-	6ACWC	0	0	1018	292	296	20	14	0.00	1.72	0
OC218+	CO8662	4.70	54 1-	50 L OCR	0	0	1018	292	296	20	0	0.00	1.72	0
CO8663+	OC218	4.72	54 1-	6ACWC	0	0	1015	292	296	20	14	0.01	1.73	5
CO8537+	CO8663	4.81	51 1-	6ACWC	0	0	997	290	264	18	13	0.04	1.77	16
CO8538+	CO8537	4.93	50 1-	6ACWC	0	0	977	288	253	17	12	0.04	1.81	18

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8628+	CO8538	5.02	2 1-	4ACSR	0	0	961	287	12	0	1	0.00	1.82	0
CO8627+	CO8628	5.05	1 1-	4ACSR	0	0	956	286	11	0	1	0.00	1.82	0
CO8629+	CO8627	5.11	1 1-	4ACSR	0	0	947	285	11	0	1	0.00	1.82	0
CO8417+	CO8538	5.04	47 1-	6ACWC	0	0	958	287	237	16	12	0.04	1.85	15
CO8456+	CO8417	5.14	1 1-	4ACSR	0	0	941	285	7	0	0	0.00	1.85	0
CO8535+	CO8417	5.07	45 1-	6ACWC	0	0	953	286	220	15	11	0.01	1.87	4
CO8534+	CO8535	5.12	44 1-	6ACWC	0	0	945	285	216	14	11	0.02	1.88	6
CO8536+	CO8534	5.18	43 1-	6ACWC	0	0	935	284	215	14	11	0.02	1.90	7
CO8416+	CO8536	5.25	38 1-	6ACWC	0	0	924	283	185	12	9	0.02	1.92	6
CO8531+	CO8416	5.29	11 1-	6ACWC	0	0	918	283	49	3	2	0.00	1.92	0
CO8533+	CO8531	5.35	11 1-	6ACWC	0	0	909	282	49	3	2	0.00	1.93	0
OC-1364683940+	CO8533	5.35	11 1-	20 N FUSE	0	0	909	282	49	3	17	0.00	1.93	0
CO8471+	OC-1364683940	5.40	1 1-	4ACSR	0	0	901	281	0	0	0	0.00	1.93	0
CO8532+	OC-1364683940	5.40	10 1-	6ACWC	0	0	901	281	49	3	2	0.00	1.93	0
CO8549+	CO8532	5.45	10 1-	6ACWC	0	0	894	280	49	3	2	0.00	1.94	0
CO8548+	CO8549	5.51	10 1-	6ACWC	0	0	886	279	49	3	2	0.00	1.94	0
CO8461+	CO8548	5.67	0 1-	6ACWC	0	0	863	277	0	0	0	0.00	1.94	0
CO8420+	CO8548	5.84	6 1-	6ACWC	0	0	840	275	22	1	1	0.01	1.95	0
CO8459+	CO8420	5.92	0 1-	6ACWC	0	0	830	273	0	0	0	0.00	1.95	0
CO8547+	CO8420	5.87	2 1-	6ACWC	0	0	836	274	4	0	0	0.00	1.95	0
OC-2106827427+	CO8547	5.87	2 1-	20 N FUSE	0	0	836	274	4	0	1	0.00	1.95	0
CO8544+	OC-2106827427	6.74	2 1-	6ACWC	0	0	736	262	4	0	0	0.01	1.96	0
CO8546+	CO8544	6.80	2 1-	6ACWC	0	0	730	261	4	0	0	0.00	1.96	0
CO8545+	CO8546	6.86	1 1-	6ACWC	0	0	725	261	4	0	0	0.00	1.96	0
CO8635+	CO8420	5.92	3 1-	6ACWC	0	0	829	273	15	1	1	0.00	1.95	0
CO8634+	CO8635	5.97	2 1-	6ACWC	0	0	823	273	15	1	1	0.00	1.95	0
CO214748615+	CO8634	6.10	1 1-	2ACSR	0	0	811	271	12	0	0	0.00	1.95	0
CO8636+	CO8548	5.58	4 1-	6ACWC	0	0	875	278	27	1	1	0.00	1.94	0
CO8460+	CO8636	5.64	2 1-	6ACWC	0	0	868	278	24	1	1	0.00	1.94	0
CO8637+	CO8636	5.63	1 1-	6ACWC	0	0	869	278	3	0	0	0.00	1.94	0
CO8623+	CO8416	5.30	16 1-	6ACWC	0	0	917	283	65	4	3	0.00	1.92	0
CO8453+	CO8623	5.35	5 1-	6ACWC	0	0	909	282	8	0	0	0.00	1.93	0
CO8451+	CO8623	5.34	2 1-	6ACWC	0	0	910	282	14	0	1	0.00	1.93	0
CO8624+	CO8623	5.35	6 1-	6ACWC	0	0	908	282	42	2	2	0.00	1.93	0
CO8619+	CO8624	5.40	4 1-	6ACWC	0	0	901	281	37	2	2	0.00	1.93	0
CO8622+	CO8619	5.46	3 1-	6ACWC	0	0	893	280	26	1	1	0.00	1.93	0
CO8620+	CO8622	5.56	2 1-	6ACWC	0	0	879	279	13	0	1	0.00	1.93	0
CO8621+	CO8620	5.68	0 1-	6ACWC	0	0	862	277	0	0	0	0.00	1.93	0
CO8612+	CO8416	5.31	3 1-	6ACWC	0	0	916	282	19	1	1	0.00	1.92	0
CO8611+	CO8612	5.36	3 1-	6ACWC	0	0	908	282	19	1	1	0.00	1.92	0
CO8626+	CO8416	5.31	5 1-	6ACWC	0	0	916	282	34	2	2	0.00	1.92	0
CO8625+	CO8626	5.33	4 1-	6ACWC	0	0	912	282	21	1	1	0.00	1.92	0
CO8455+	CO8536	5.25	2 1-	4ACSR	0	0	924	283	16	1	1	0.00	1.90	0
CO1118866258+	CO8455	5.31	0 1-	2ACSR	0	0	916	283	0	0	0	0.00	1.90	0
CO8454+	CO8536	5.24	0 1-	4ACSR	0	0	926	283	0	0	0	0.00	1.90	0
CO8631+	CO8663	4.83	3 1-	4ACSR	0	0	994	290	32	2	2	0.00	1.74	0
CO8630+	CO8631	4.86	1 1-	4ACSR	0	0	988	289	20	1	1	0.00	1.74	0
CO8458+	CO8542	4.53	2 1-	4ACSR	0	0	1037	293	45	3	2	0.00	1.70	0
OC-440812764+	CO8458	4.53	2 1-	20 N FUSE	0	0	1037	293	45	3	15	0.00	1.70	0
CO8437+	OC-440812764	4.64	2 1-	4ACSR	0	0	1016	291	45	3	2	0.01	1.71	0
CO8468+	CO8437	4.70	1 1-	2ACSR	0	0	1008	291	24	1	1	0.00	1.71	0
CO8457+	CO8542	4.60	2 1-	4ACSR	0	0	1024	292	8	0	0	0.00	1.70	0

Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-951562107+	CO8457	4.60	0 1-	20 N FUSE	0	0	1024	292	0	0	0	0.00	1.70	0
CO8435+	CO8398	4.26	1 1-	1/0ACSR	0	0	1075	296	5	0	0	0.00	1.64	0
OC-861666059+	CO8435	4.26	0 1-	20 N FUSE	0	0	1075	296	0	0	0	0.00	1.64	0
CO8434+	CO8398	4.22	1 1-	1/0ACSR	0	0	1080	296	15	1	0	0.00	1.64	0
OC1938671762+	CO8434	4.22	0 1-	20 N FUSE	0	0	1080	296	0	0	0	0.00	1.64	0
CO8433+	CO8501	4.13	2 1-	1/0ACSR	0	0	1093	297	9	0	0	0.00	1.63	0
OC-1962478163+	CO8433	4.13	0 1-	20 N FUSE	0	0	1093	297	0	0	0	0.00	1.63	0
CO797744820+	CO8397	3.65	3 1-	2ACSR	0	0	1162	300	24	1	1	0.00	1.54	0
OC-1329611714+	CO797744820	3.65	1 1-	20 N FUSE	0	0	1162	300	1	0	0	0.00	1.54	0
CO-852026489+	OC-1329611714	3.86	1 1-	2ACSR	0	0	1123	298	1	0	0	0.00	1.54	0
CO8431+	CO8397	3.70	1 1-	1/0ACSR	0	0	1156	300	13	0	0	0.00	1.54	0
OC1346556861+	CO8431	3.70	0 1-	20 N FUSE	0	0	1156	300	0	0	0	0.00	1.54	0
CO8427+	CO8411	3.21	0 1-	4ACSR	0	0	1235	304	0	0	0	0.00	1.44	0
OC1102414105+	CO8427	3.21	0 1-	20 N FUSE	0	0	1235	304	0	0	0	0.00	1.44	0
CO8473+	CO8655	2.78	1 1-	2ACSR	0	0	1318	308	11	0	0	0.00	1.33	0
OC-150155458+	CO8473	2.78	0 1-	20 N FUSE	0	0	1318	308	0	0	0	0.00	1.33	0
CO8825+	CO8747	2.27	1 1-	2ACSR	0	0	1477	316	2	0	0	0.00	1.09	0
OC1047694241+	CO8825	2.27	0 1-	20 N FUSE	0	0	1477	316	0	0	0	0.00	1.09	0
CO8791+	CO8747	2.35	1 1-	4ACSR	0	0	1445	314	3	0	0	0.00	1.09	0
OC1863018195+	CO8791	2.35	0 1-	20 N FUSE	0	0	1445	314	0	0	0	0.00	1.09	0
CO8792+	CO8988	1.85	1 1-	4ACSR	0	0	1648	324	1	0	0	0.00	0.80	0
OC-1942476724+	CO8792	1.85	0 1-	20 N FUSE	0	0	1648	324	0	0	0	0.00	0.80	0
CO8991+	CO8740	1.06	1 1-	2ACSR	0	0	2072	340	42	2	2	0.00	0.34	0
OC1739331772+	CO8991	1.06	0 1-	20 N FUSE	0	0	2072	340	0	0	0	0.00	0.34	0
CO203378322+	OC1739331772	1.09	0 1-	2ACSR	0	0	2052	340	0	0	0	0.00	0.34	0
CO8992+	OC1739331772	1.11	0 1-	4ACSR	0	0	2043	339	0	0	0	0.00	0.34	0
CO8993+	CO8998	0.94	1 1-	4ACSR	0	0	2140	342	5	0	0	0.00	0.26	0
OC-925099864+	CO8993	0.94	0 1-	20 N FUSE	0	0	2140	342	0	0	0	0.00	0.26	0
SUB 0 total losses:		\$40,936												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0 PLUMMERS LANDIN		1929			5516	5758	5823	180	12968					
CO-870739298	PLUMMERS LANDIN	0.00	1929 3-	500 MCM ACSR 30	5515	5756	5821	180	12968	581	84	0.00	0.00	22
CO-1660857539	CO-870739298	0.00	1929 3-	500 MCM ACSR 30	5514	5754	5819	180	12968	581	84	0.00	0.00	18
CO1110436308	CO-1660857539	0.00	833 3-	500 MCM ACSR 30	5512	5751	5816	180	6320	285	41	0.00	0.00	6
Hillsboro Ckt	CO1110436308	0.00	833 3-	560 200WVE	5512	5751	5816	180	6320	285	51	0.00	0.00	0
CO37369539	Hillsboro Ckt	0.00	833 3-	2ACSR	5510	5747	5812	180	6320	285	158	0.00	0.01	43
CO-645463664	CO37369539	0.03	833 3-	336ACSR	5446	5621	5684	180	6320	285	55	0.04	0.05	335
CO290011526	CO-645463664	0.07	833 3-	336ACSR	5329	5406	5460	180	6319	285	55	0.08	0.14	624
CO-1589892128	CO290011526	0.11	833 3-	336ACSR	5214	5250	5244	179	6316	285	55	0.09	0.22	647
CO1139080910	CO-1589892128	0.13	833 3-	336ACSR	5163	5189	5164	179	6313	285	55	0.04	0.26	295
SW-1712120598-B	CO1139080910	0.13	833 3-	Closed	5163	5189	5164	179	6311	285	0	0.00	0.26	0
SW-1712120598-A	SW-1712120598-B	0.13	833 3-	Closed	5163	5189	5164	179	6311	285	0	0.00	0.26	0
CO-2108766836	SW-1712120598-A	0.15	0 3-	336ACSR	5119	5137	5086	179	0	0	0	0.00	0.26	0
CO1445371520	CO-2108766836	0.19	0 3-	336ACSR	5037	5040	4941	179	0	0	0	0.00	0.26	0
CO-715835372	CO1445371520	0.20	0 3-	336ACSR	5012	5009	4896	179	0	0	0	0.00	0.26	0
SW1577090571-A	CO-715835372	0.20	0 3-	Open	5012	5009	4896	179	0	0	0	0.00	0.26	0
CO1000612563	SW-1712120598-A	0.30	833 3-	336ACSR	4782	4740	4510	179	6311	285	55	0.32	0.58	2383
CO5431	CO1000612563	0.59	833 3-	336ACSR	4222	4106	3777	178	6300	285	55	0.56	1.14	4243
CO5438	CO5431	0.68	833 3-	336ACSR	4079	3949	3602	178	6281	285	55	0.17	1.31	1262
CO5319	CO5438	0.75	31 3-	336ACSR	3969	3829	3471	178	796	39	8	0.03	1.33	20
CO5450	CO5319	0.76	0 1-	336 MCM ACSR 30	0	0	3448	178	0	0	0	0.00	1.33	0
CO5406	CO5319	0.82	28 3-	336ACSR	3865	3717	3349	178	791	39	8	0.03	1.36	20
CO5408	CO5406	0.85	28 3-	336ACSR	3823	3672	3301	178	791	39	8	0.01	1.37	8
FD470114044	CO5408	0.85	26 3-	_DefaultBayEqui	3823	3672	3301	178	778	38	0	0.00	1.37	0
CO5407	FD470114044	1.06	26 3-	336ACSR	3553	3386	2996	178	778	38	7	0.07	1.44	55
OC470114044	CO5407	1.06	26 3-	20 N FUSE	3553	3386	2996	178	777	38	193	0.00	1.44	0
CO5405	OC470114044	1.10	26 3-	336ACSR	3496	3327	2935	178	777	38	7	0.02	1.45	12
CO5320	CO5405	1.11	0 3-	4ACSR	3482	3311	2919	177	0	0	0	0.00	1.45	0
CO30669	CO5405	1.24	1 3-	4ACSR	3210	3005	2638	176	0	0	0	0.00	1.45	0
CO5299	CO5405	1.16	13 3-	336ACSR	3429	3256	2862	177	718	35	7	0.02	1.47	13
CO5353	CO5299	1.21	1 1-	4ACSR	0	0	2760	177	399	59	43	0.13	1.61	90
330646066	CO5353	1.21	1 1-	Consumer	0	0	2760	177	399	59	0	0.00	1.61	0
CO964993970	CO5299	1.18	12 3-	2ACSR	3400	3225	2831	177	319	15	9	0.01	1.48	4
CO-1855999486	CO964993970	1.20	12 3-	2ACSR	3364	3186	2793	177	319	15	9	0.01	1.49	5
CO5418	CO-1855999486	1.27	12 3-	336ACSR	3283	3103	2708	177	319	15	3	0.01	1.50	3
CO5354	CO5418	1.33	2 3-	4ACSR	3183	2990	2606	176	37	1	1	0.00	1.50	0
CO5298	CO5418	1.31	8 3-	336ACSR	3247	3065	2670	177	72	3	1	0.00	1.50	0
CO5328	CO5298	1.37	1 1-	336 MCM ACSR 30	0	0	2605	177	22	3	1	0.00	1.50	0
CO5293	CO5298	1.42	6 3-	336ACSR	3139	2955	2559	177	34	1	0	0.00	1.50	0
CO5321	CO5293	1.47	0 1-	336 MCM ACSR 30	0	0	2515	177	0	0	0	0.00	1.50	0
CO5292	CO5293	1.45	3 3-	336ACSR	3111	2927	2530	177	20	0	0	0.00	1.50	0
CO5322	CO5292	1.48	1 1-	336 MCM ACSR 30	0	0	2498	177	13	1	0	0.00	1.50	0
CO5294	CO5292	1.52	2 3-	336ACSR	3046	2860	2464	177	6	0	0	0.00	1.50	0
CO5496	CO5294	1.55	1 1-	336 MCM ACSR 30	0	0	2433	176	3	0	0	0.00	1.50	0
CO5497	CO5496	1.58	1 1-	336 MCM ACSR 30	0	0	2413	176	3	0	0	0.00	1.50	0
CO5487	CO5294	1.53	1 3-	336ACSR	3040	2854	2458	177	3	0	0	0.00	1.50	0
CO5488	CO5487	1.68	1 3-	336ACSR	2903	2717	2322	176	3	0	0	0.00	1.50	0
SW1467466824-B	CO5488	1.68	0 3-	Open	2903	2717	2322	176	0	0	0	0.00	1.50	0
CO5363	CO5488	1.79	1 1-	2ACSR	0	0	2186	175	3	0	0	0.00	1.50	0
CO5447	CO5418	1.35	2 1-	336 MCM ACSR 30	0	0	2635	177	210	31	6	0.02	1.52	5
CO5445	CO5447	1.42	1 1-	336 MCM ACSR 30	0	0	2562	177	155	23	4	0.01	1.54	0

Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5446	CO5445	1.44	0 1-	336 MCM ACSR 30	0	0	2544	177	0	0	0	0.00	1.54	0
CO5451	CO5405	1.17	7 1-	336 MCM ACSR 30	0	0	2856	177	47	7	1	0.00	1.46	0
CO5453	CO5451	1.24	3 1-	336 MCM ACSR 30	0	0	2778	177	24	3	1	0.00	1.46	0
CO5452	CO5453	1.29	2 1-	336 MCM ACSR 30	0	0	2718	177	20	3	1	0.00	1.46	0
CO5449	CO5405	1.18	1 1-	336 MCM ACSR 30	0	0	2849	177	2	0	0	0.00	1.45	0
CO5448	CO5449	1.22	1 1-	336 MCM ACSR 30	0	0	2795	177	2	0	0	0.00	1.45	0
CO5477	CO5408	0.90	2 1-	2ACSR	0	0	3172	178	14	2	1	0.00	1.37	0
CO5494	CO5477	0.91	0 1-	336 MCM ACSR 30	0	0	3166	178	0	0	0	0.00	1.37	0
CO5495	CO5494	0.94	0 1-	336 MCM ACSR 30	0	0	3124	178	0	0	0	0.00	1.37	0
CO5476	CO5477	0.99	1 1-	2ACSR	0	0	2979	177	5	0	0	0.00	1.37	0
CO5415	CO5438	0.71	802 3-	336ACSR	4034	3899	3548	178	5479	247	48	0.04	1.35	312
CO5416	CO5415	0.82	802 3-	336ACSR	3865	3717	3349	178	5477	247	48	0.17	1.52	1233
CO5493	CO5416	0.85	801 3-	336ACSR	3824	3673	3302	178	5471	247	48	0.04	1.57	312
CO5417	CO5493	0.87	800 3-	336ACSR	3792	3639	3265	178	5461	246	48	0.03	1.60	246
CO5352	CO5417	0.89	1 1-	4ACSR	0	0	3205	178	20	2	2	0.00	1.60	0
CO5305	CO5417	0.94	798 3-	336ACSR	3702	3544	3163	178	5429	245	47	0.10	1.70	716
CO5342	CO5305	1.03	1 1-	336 MCM ACSR 30	0	0	3033	178	1	0	0	0.00	1.70	0
CO5306	CO5305	1.18	797 3-	336ACSR	3411	3238	2843	177	5425	245	47	0.36	2.07	2564
CO5341	CO5306	1.21	1 1-	336 MCM ACSR 30	0	0	2805	177	13	1	0	0.00	2.07	0
OC-1028383170	CO5341	1.21	0 1-	20 N FUSE	0	0	2805	177	0	0	0	0.00	2.07	0
CO5340	CO5306	1.23	2 1-	336 MCM ACSR 30	0	0	2789	177	14	2	0	0.00	2.07	0
OC1027893628	CO5340	1.23	0 1-	20 N FUSE	0	0	2789	177	0	0	0	0.00	2.07	0
CO5300	CO5306	1.34	794 3-	336ACSR	3240	3062	2662	177	5386	243	47	0.24	2.30	1701
CO5401	CO5300	1.36	751 3-	336ACSR	3223	3044	2645	177	5098	230	44	0.02	2.33	160
CO5402	CO5401	1.39	751 3-	336ACSR	3190	3010	2610	177	5097	230	44	0.05	2.37	318
CO5404	CO5402	1.41	749 3-	336ACSR	3165	2984	2584	177	5079	229	44	0.03	2.41	242
CO5403	CO5404	1.44	749 3-	336ACSR	3144	2963	2563	177	5077	229	44	0.03	2.44	204
CO5491	CO5403	1.44	629 3-	336ACSR	3137	2956	2556	177	4411	198	38	0.01	2.44	47
OC150	CO5491	1.44	629 3-	50 L OCR	3137	2956	2556	177	4411	198	0	0.00	2.44	0
CO5492	OC150	1.53	629 3-	336ACSR	3056	2873	2470	177	4411	198	38	0.09	2.53	619
CO5411	CO5492	1.79	629 3-	336ACSR	2835	2651	2243	176	4408	198	38	0.27	2.81	1844
CO5332	CO5411	1.89	1 1-	336 MCM ACSR 30	0	0	2176	176	3	0	0	0.00	2.81	0
OC-21896800	CO5332	1.89	0 1-	20 N FUSE	0	0	2176	176	0	0	0	0.00	2.81	0
CO5331	CO5411	1.86	1 1-	336 MCM ACSR 30	0	0	2193	176	8	1	0	0.00	2.81	0
OC1032484006	CO5331	1.86	0 1-	20 N FUSE	0	0	2193	176	0	0	0	0.00	2.81	0
CO5307	CO5411	1.89	627 3-	336ACSR	2760	2575	2168	176	4388	198	38	0.10	2.91	695
CO5330	CO5307	1.94	2 1-	336 MCM ACSR 30	0	0	2136	176	15	2	0	0.00	2.91	0
OC442772939	CO5330	1.94	1 1-	20 N FUSE	0	0	2136	176	6	0	5	0.00	2.91	0
CO5329	OC442772939	1.98	1 1-	336 MCM ACSR 30	0	0	2107	176	6	0	0	0.00	2.91	0
CO5410	CO5307	2.03	625 3-	336ACSR	2660	2477	2070	176	4370	197	38	0.14	3.05	965
CO5409	CO5410	2.10	625 3-	336ACSR	2616	2433	2027	176	4365	197	38	0.07	3.12	456
CO5349	CO5409	2.13	1 1-	4ACSR	0	0	1995	175	10	1	1	0.00	3.12	0
OC725236012	CO5349	2.13	0 1-	20 N FUSE	0	0	1995	175	0	0	0	0.00	3.12	0
CO8306	CO5409	2.16	623 3-	336ACSR	2577	2395	1990	175	4353	197	38	0.06	3.17	406
CO4882	CO8306	2.26	622 3-	336ACSR	2511	2329	1926	175	4347	196	38	0.11	3.28	731
CO4883	CO4882	2.32	622 3-	336ACSR	2477	2296	1895	175	4344	196	38	0.05	3.33	379
CO4884	CO4883	2.39	621 3-	336ACSR	2436	2256	1857	175	4341	196	38	0.07	3.40	482
CO4885	CO4884	2.55	621 3-	336ACSR	2345	2167	1773	175	4339	196	38	0.16	3.57	1126
CO4886	CO4885	2.62	620 3-	336ACSR	2310	2133	1740	174	4329	196	38	0.07	3.63	458
CO4887	CO4886	2.67	620 3-	336ACSR	2283	2107	1716	174	4327	196	38	0.05	3.68	356
CO4747	CO4887	2.80	614 3-	336ACSR	2220	2046	1659	174	4300	195	38	0.12	3.80	867
CO4894	CO4747	2.90	612 3-	336ACSR	2171	1998	1615	174	4272	194	37	0.10	3.90	701

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
CO4895	CO4894	3.17	610 3-	336ACSR	2055	1887	1514	173	4260	193	37	0.25	4.15	1774
CO4896	CO4895	3.24	3 1-	6ACSR	0	0	1457	172	20	2	3	0.01	4.16	0
CO4897	CO4896	3.38	2 1-	6ACSR	0	0	1349	170	12	1	2	0.02	4.18	0
CO4898	CO4897	3.43	1 1-	6ACSR	0	0	1315	169	12	1	2	0.00	4.19	0
CO5034	CO4895	3.17	607 3-	336ACSR	2052	1884	1511	173	4232	192	37	0.01	4.16	44
OC132	CO5034	3.17	607 3-	35 H OCR	2052	1884	1511	173	4232	192	551	0.00	4.16	0
CO5035	OC132	3.26	607 3-	336ACSR	2017	1850	1480	173	4232	192	37	0.08	4.24	582
CO4903	CO5035	3.32	602 3-	336ACSR	1994	1829	1461	173	4200	191	37	0.05	4.29	368
CO4904	CO4903	3.39	601 3-	336ACSR	1968	1804	1439	173	4182	190	37	0.06	4.35	443
CO4905	CO4904	3.44	600 3-	336ACSR	1948	1785	1422	173	4165	190	37	0.05	4.40	342
CO4906	CO4905	3.48	599 3-	336ACSR	1934	1772	1410	173	4138	189	36	0.03	4.43	237
CO4907	CO4906	3.64	598 3-	336ACSR	1876	1716	1361	172	4124	188	36	0.14	4.57	1031
CO4755	CO4907	3.69	0 1-	6ACSR	0	0	1330	171	0	0	0	0.00	4.57	0
CO4733	CO4907	3.83	598 3-	336ACSR	1813	1656	1308	172	4120	188	36	0.16	4.74	1198
CO4756	CO4733	3.92	1 1-	6ACSR	0	0	1251	170	8	1	1	0.00	4.74	0
CO4734	CO4733	3.88	596 3-	336ACSR	1798	1642	1295	172	4106	188	36	0.04	4.78	297
CO4758	CO4734	4.07	1 1-	6ACSR	0	0	1186	169	0	0	0	0.00	4.78	0
CO4757	CO4734	3.95	2 1-	6ACSR	0	0	1253	171	11	1	2	0.00	4.78	0
CO4735	CO4734	3.96	591 3-	336ACSR	1772	1618	1274	172	4081	187	36	0.07	4.85	512
CO4916	CO4735	3.99	578 3-	336ACSR	1761	1607	1265	171	4023	184	36	0.03	4.87	216
CO4917	CO4916	4.03	578 3-	336ACSR	1750	1597	1256	171	4022	184	36	0.03	4.90	215
CO4762	CO4917	4.07	1 1-	6ACWC	0	0	1240	171	2	0	0	0.00	4.90	0
CO4761	CO4917	4.08	2 1-	6ACWC	0	0	1234	171	2	0	0	0.00	4.90	0
CO4737	CO4917	4.10	573 3-	336ACSR	1731	1578	1240	171	4001	183	35	0.05	4.96	395
CO4778	CO4737	4.14	1 1-	6ACWC	0	0	1219	171	14	2	2	0.00	4.96	0
CO4763	CO4737	4.19	1 1-	6ACWC	0	0	1198	170	0	0	0	0.00	4.96	0
CO4738	CO4737	4.13	568 3-	336ACSR	1721	1569	1231	171	3964	182	35	0.03	4.99	205
CO4918	CO4738	4.16	566 3-	336ACSR	1713	1562	1225	171	3943	181	35	0.02	5.01	153
CO4765	CO4918	4.20	2 1-	6ACWC	0	0	1205	171	12	1	1	0.00	5.01	0
CO4739	CO4918	4.28	6 1-	6ACWC	0	0	1175	170	44	6	5	0.03	5.05	2
CO4919	CO4739	4.42	4 1-	6ACWC	0	0	1118	168	25	3	3	0.02	5.07	0
CO4920	CO4919	4.51	3 1-	6ACWC	0	0	1081	167	12	1	1	0.01	5.07	0
CO4921	CO4920	4.54	2 1-	6ACWC	0	0	1073	167	12	1	1	0.00	5.08	0
CO4922	CO4921	4.61	2 1-	6ACWC	0	0	1048	166	12	1	1	0.01	5.08	0
CO4923	CO4922	4.68	2 1-	6ACWC	0	0	1023	166	12	1	1	0.01	5.09	0
CO4924	CO4923	4.75	2 1-	6ACWC	0	0	999	165	12	1	1	0.01	5.10	0
CO4925	CO4924	4.82	2 1-	6ACWC	0	0	976	164	12	1	1	0.01	5.10	0
CO4926	CO4925	4.86	2 1-	6ACWC	0	0	964	164	12	1	1	0.00	5.11	0
CO4927	CO4926	4.91	1 1-	6ACWC	0	0	947	163	12	1	1	0.00	5.11	0
CO4779	CO4739	4.34	1 1-	6ACWC	0	0	1148	169	11	1	1	0.00	5.05	0
CO5037	CO4918	4.16	557 3-	336ACSR	1711	1560	1224	171	3870	177	34	0.01	5.02	37
CO5036	CO5037	4.22	557 3-	336ACSR	1694	1544	1210	171	3869	177	34	0.05	5.07	332
CO4930	CO5036	4.27	510 3-	336ACSR	1682	1532	1200	171	3523	161	31	0.03	5.11	212
CO4931	CO4930	4.39	510 3-	336ACSR	1650	1502	1174	171	3522	161	31	0.09	5.20	546
CO4932	CO4931	4.45	509 3-	336ACSR	1634	1487	1161	170	3510	161	31	0.05	5.24	276
CO4933	CO4932	4.56	507 3-	336ACSR	1605	1460	1138	170	3496	160	31	0.08	5.33	511
CO4934	CO4933	4.68	504 3-	336ACSR	1576	1432	1114	170	3468	159	31	0.09	5.41	539
CO4935	CO4934	4.73	503 3-	336ACSR	1563	1420	1104	170	3454	159	31	0.04	5.45	240
CO4936	CO4935	4.77	502 3-	336ACSR	1552	1411	1096	170	3445	158	31	0.03	5.48	192
CO17306	CO4936	4.88	501 3-	336ACSR	1526	1386	1075	169	3429	158	30	0.08	5.57	501
CO4938	CO17306	4.93	500 3-	336ACSR	1515	1376	1066	169	3423	157	30	0.04	5.60	219
CO4937	CO4938	5.03	498 3-	336ACSR	1494	1356	1049	169	3400	156	30	0.07	5.67	415

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4939	CO4937	5.12	498 3-	336ACSR	1473	1337	1033	169	3398	156	30	0.07	5.74	414
CO4941	CO4939	5.16	497 3-	336ACSR	1466	1330	1027	169	3386	156	30	0.03	5.76	155
CO4940	CO4941	5.21	497 3-	336ACSR	1456	1321	1019	169	3385	156	30	0.03	5.80	206
CO4946	CO4940	5.28	3 1-	4ACSR	0	0	998	168	27	3	3	0.01	5.81	0
CO4947	CO4946	5.29	3 1-	4ACSR	0	0	994	168	27	3	3	0.00	5.81	0
CO4948	CO4947	5.34	3 1-	4ACSR	0	0	980	167	27	3	3	0.01	5.82	0
CO4949	CO4948	5.41	3 1-	4ACSR	0	0	960	167	27	3	3	0.01	5.83	0
CO4950	CO4949	5.48	1 1-	4ACSR	0	0	940	166	9	1	1	0.00	5.83	0
CO4943	CO4940	5.24	494 3-	336ACSR	1449	1314	1014	169	3357	155	30	0.02	5.82	146
CO4942	CO4943	5.43	493 3-	336ACSR	1410	1278	984	168	3352	154	30	0.13	5.95	819
OC2088591605	CO4942	5.43	490 3-	20 N FUSE	1410	1278	984	168	3327	154	772	0.00	5.95	0
CO8252	OC2088591605	5.50	490 3-	336ACSR	1397	1265	973	168	3327	154	30	0.06	6.01	302
CO3539	CO8252	5.54	410 3-	4/0ACSR	1388	1259	967	168	2822	130	38	0.04	6.05	175
CO3538	CO3539	5.57	409 3-	4/0ACSR	1380	1251	961	168	2812	130	38	0.04	6.08	174
CO3536	CO3538	5.63	2 1-	4ACSR	0	0	945	167	24	3	2	0.01	6.09	0
OC1745149401	CO3536	5.63	1 1-	20 N FUSE	0	0	945	167	11	1	8	0.00	6.09	0
CO3537	OC1745149401	5.66	1 1-	4ACSR	0	0	937	167	11	1	1	0.00	6.09	0
CO3535	CO3538	5.62	407 3-	4/0ACSR	1369	1242	954	168	2787	129	38	0.05	6.13	218
CO3534	CO3535	5.72	407 3-	4/0ACSR	1348	1223	938	167	2786	129	38	0.10	6.23	463
CO3529	CO3534	5.79	6 1-	4ACSR	0	0	920	167	37	5	4	0.02	6.24	0
OC-1568631882	CO3529	5.79	5 1-	20 N FUSE	0	0	920	167	31	4	22	0.00	6.24	0
CO3530	OC-1568631882	5.89	4 1-	4ACSR	0	0	894	166	21	3	2	0.01	6.26	0
CO3531	CO3530	5.98	2 1-	4ACSR	0	0	873	165	11	1	1	0.00	6.26	0
CO3532	CO3531	6.06	1 1-	4ACSR	0	0	853	164	0	0	0	0.00	6.26	0
CO3533	CO3532	6.11	1 1-	4ACSR	0	0	842	163	0	0	0	0.00	6.26	0
CO3218	OC-1568631882	5.84	1 1-	4ACSR	0	0	907	166	10	1	1	0.00	6.25	0
CO3068	CO3534	5.74	400 3-	4/0ACSR	1343	1218	934	167	2742	127	37	0.02	6.25	110
CO3521	CO3068	5.78	382 3-	4/0ACSR	1334	1211	928	167	2635	122	36	0.04	6.29	171
CO3520	CO3521	5.81	382 3-	4/0ACSR	1328	1205	924	167	2634	122	36	0.03	6.32	125
CO3519	CO3520	5.90	379 3-	4/0ACSR	1309	1189	910	167	2627	121	36	0.08	6.39	361
CO3518	CO3519	5.93	375 3-	4/0ACSR	1302	1183	905	167	2571	119	35	0.03	6.43	142
CO3516	CO3518	5.94	1 1-	4/0ACSR	0	0	904	167	2	0	0	0.00	6.43	0
OC-589043895	CO3516	5.94	1 1-	20 N FUSE	0	0	904	167	2	0	2	0.00	6.43	0
CO3517	OC-589043895	5.99	1 1-	4/0ACSR	0	0	897	167	2	0	0	0.00	6.43	0
CO3515	CO3518	5.97	373 3-	4/0ACSR	1295	1176	900	167	2566	119	35	0.03	6.46	146
CO3514	CO3515	6.05	373 3-	4/0ACSR	1277	1160	888	166	2565	119	35	0.08	6.54	351
CO3507	CO3514	6.08	370 3-	4/0ACSR	1271	1155	883	166	2535	117	35	0.03	6.56	126
CO3508	CO3507	6.16	46 1-	2ACSR	0	0	867	166	326	47	26	0.12	6.69	63
OC-1094687368	CO3508	6.16	46 1-	20 N FUSE	0	0	867	166	326	47	236	0.00	6.69	0
CO3509	OC-1094687368	6.21	46 1-	2ACSR	0	0	858	165	326	47	26	0.07	6.76	37
CO3513	CO3509	6.32	45 1-	2ACSR	0	0	838	165	323	46	26	0.16	6.92	83
CO3512	CO3513	6.42	44 1-	2ACSR	0	0	821	164	313	45	25	0.14	7.07	71
CO3511	CO3512	6.52	44 1-	2ACSR	0	0	803	163	313	45	25	0.15	7.22	75
CO3510	CO3511	6.56	44 1-	2ACSR	0	0	797	163	312	45	25	0.05	7.27	24
CO8259	CO3510	6.62	44 1-	2ACSR	0	0	786	163	312	45	25	0.10	7.36	47
OC-2125954276	CO8259	6.62	44 1-	20 N FUSE	0	0	786	163	312	45	227	0.00	7.36	0
CO4988	OC-2125954276	6.67	44 1-	2ACSR	0	0	779	162	312	45	25	0.06	7.43	31
CO4992	CO4988	6.70	3 1-	2ACSR	0	0	774	162	16	2	1	0.00	7.43	0
CO4993	CO4992	6.73	3 1-	2ACSR	0	0	769	162	16	2	1	0.00	7.43	0
CO4994	CO4993	6.77	2 1-	2ACSR	0	0	763	162	8	1	1	0.00	7.43	0
CO4995	CO4994	6.81	2 1-	2ACSR	0	0	756	161	8	1	1	0.00	7.43	0
CO4996	CO4995	6.88	2 1-	2ACSR	0	0	747	161	8	1	1	0.00	7.44	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4997	CO4996	6.93	1 1-	2ACSR	0	0	739	160	8	1	1	0.00	7.44	0
CO4998	CO4997	6.97	0 1-	2ACSR	0	0	733	160	0	0	0	0.00	7.44	0
CO4999	CO4998	7.06	0 1-	2ACSR	0	0	720	160	0	0	0	0.00	7.44	0
CO4802	CO4997	6.97	1 1-	2ACSR	0	0	733	160	8	1	1	0.00	7.44	0
CO4989	CO4988	6.77	39 1-	2ACSR	0	0	762	162	282	40	23	0.14	7.57	62
CO4991	CO4989	6.83	36 1-	2ACSR	0	0	754	161	258	37	21	0.07	7.63	27
CO4990	CO4991	6.93	36 1-	2ACSR	0	0	739	160	258	37	21	0.12	7.76	51
CO5001	CO4990	7.00	34 1-	4ACSR	0	0	726	160	243	35	25	0.12	7.88	51
CO5000	CO5001	7.03	34 1-	4ACSR	0	0	720	159	243	35	25	0.05	7.93	20
CO8264	CO5000	7.23	16 1-	2ACSR	0	0	693	158	130	19	11	0.12	8.05	23
CO8387	CO8264	7.29	12 1-	2ACSR	0	0	686	158	104	15	8	0.03	8.07	5
#SW112-B	CO8387	7.29	0 1-	Open	0	0	686	158	0	0	0	0.00	8.07	0
CO3734	CO8387	7.32	11 1-	2ACSR	0	0	682	158	95	13	8	0.01	8.09	0
CO8265	CO3734	7.36	11 1-	2ACSR	0	0	677	157	95	13	8	0.02	8.10	3
CO5019	CO8265	7.42	11 1-	2ACSR	0	0	670	157	95	13	8	0.03	8.13	4
CO5020	CO5019	7.50	11 1-	2ACSR	0	0	660	156	95	13	8	0.04	8.17	6
CO5023	CO5020	7.57	8 1-	2ACSR	0	0	652	156	65	9	5	0.02	8.19	0
CO5024	CO5023	7.60	6 1-	2ACSR	0	0	648	156	50	7	4	0.01	8.19	0
CO5028	CO5024	7.61	4 1-	2ACSR	0	0	647	156	35	5	3	0.00	8.19	0
CO5029	CO5028	7.67	1 1-	2ACSR	0	0	641	155	9	1	1	0.00	8.20	0
CO5027	CO5029	7.74	1 1-	2ACSR	0	0	633	155	9	1	1	0.00	8.20	0
CO5038	CO5027	7.78	1 1-	1/0PRIURD	0	0	629	316	9	1	1	0.00	8.20	0
CO5025	CO5028	7.65	3 1-	2ACSR	0	0	642	155	26	3	2	0.00	8.20	0
CO5026	CO5025	7.68	2 1-	2ACSR	0	0	639	155	17	2	1	0.00	8.20	0
CO1684014276	CO5024	7.69	1 1-	2ACSR	0	0	638	155	8	1	1	0.00	8.19	0
CO5021	CO5020	7.55	3 1-	2ACSR	0	0	654	156	30	4	2	0.01	8.17	0
CO5022	CO5021	7.58	2 1-	2ACSR	0	0	650	156	19	2	2	0.00	8.18	0
CO-2114293525	CO5022	7.63	1 1-	1/0PRIURD	0	0	646	320	9	1	1	0.00	8.18	0
CO3216	CO8264	7.30	1 1-	2ACSR	0	0	685	158	12	1	1	0.00	8.05	0
CO4748	CO5000	7.12	18 1-	4ACSR	0	0	706	159	112	16	12	0.06	7.99	11
CO5004	CO4748	7.17	15 1-	4ACSR	0	0	698	158	98	14	10	0.03	8.02	5
CO5005	CO5004	7.18	15 1-	4ACSR	0	0	697	158	98	14	10	0.01	8.03	0
CO5006	CO5005	7.28	13 1-	4ACSR	0	0	680	157	90	13	9	0.06	8.09	8
CO5007	CO5006	7.32	1 1-	4ACSR	0	0	674	157	6	0	1	0.00	8.09	0
CO5008	CO5007	7.35	1 1-	4ACSR	0	0	669	156	6	0	1	0.00	8.09	0
CO4749	CO5006	7.37	11 1-	4ACSR	0	0	666	156	73	10	8	0.04	8.13	5
CO5011	CO4749	7.42	5 1-	4ACSR	0	0	659	156	21	3	2	0.01	8.14	0
CO5012	CO5011	7.43	5 1-	4ACSR	0	0	657	156	21	3	2	0.00	8.14	0
CO5014	CO5012	7.51	5 1-	4ACSR	0	0	646	155	21	3	2	0.01	8.15	0
CO5015	CO5014	7.64	3 1-	4ACSR	0	0	628	154	14	2	2	0.01	8.16	0
CO5017	CO5015	7.69	2 1-	4ACSR	0	0	621	153	8	1	1	0.00	8.17	0
CO5018	CO5017	7.76	2 1-	4ACSR	0	0	611	153	8	1	1	0.00	8.17	0
CO5016	CO5015	7.67	1 1-	4ACSR	0	0	623	154	6	0	1	0.00	8.16	0
CO5013	CO5014	7.55	2 1-	4ACSR	0	0	640	155	7	1	1	0.00	8.15	0
CO5009	CO4749	7.46	2 1-	4ACSR	0	0	653	155	10	1	1	0.01	8.14	0
CO5010	CO5009	7.55	1 1-	4ACSR	0	0	640	155	2	0	0	0.00	8.14	0
CO4783	CO5009	7.52	1 1-	4ACSR	0	0	645	155	8	1	1	0.00	8.14	0
CO4784	CO4749	7.40	1 1-	4ACSR	0	0	663	156	10	1	1	0.00	8.13	0
CO4782	CO4749	7.39	2 1-	4ACSR	0	0	663	156	22	3	2	0.00	8.13	0
CO5002	CO4748	7.16	1 1-	4ACSR	0	0	699	158	4	0	0	0.00	7.99	0
CO5003	CO5002	7.18	1 1-	4ACSR	0	0	696	158	4	0	0	0.00	7.99	0
CO4781	CO4990	7.12	2 1-	4ACSR	0	0	706	159	15	2	2	0.01	7.77	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4797	CO4989	6.81	1 1-	2ACSR	0	0	756	161	12	1	1	0.00	7.57	0
CO3208	CO3509	6.24	0 1-	2ACSR	0	0	852	165	0	0	0	0.00	6.76	0
CO3506	CO3507	6.10	322 3-	4/0ACSR	1269	1153	881	166	2202	102	30	0.01	6.57	35
CO3824	CO3506	6.40	321 3-	4/0ACSR	1212	1102	841	165	2193	102	30	0.21	6.78	902
OC107	CO3824	6.40	321 3-	70 L OCR	1212	1102	841	165	2188	102	146	0.00	6.78	0
CO3823	OC107	6.40	321 3-	4/0ACSR	1211	1101	840	165	2188	102	30	0.00	6.79	20
CO3504	CO3823	6.44	4 1-	4ACSR	0	0	833	165	20	2	2	0.00	6.79	0
CO3505	CO3504	6.49	1 1-	4ACSR	0	0	823	165	5	0	0	0.00	6.79	0
CO-1328436898	CO3504	6.48	1 1-	2ACSR	0	0	825	165	3	0	0	0.00	6.79	0
CO3067	CO3823	6.43	317 3-	4/0ACSR	1207	1098	837	165	2168	101	30	0.02	6.80	70
CO3502	CO3067	6.48	1 1-	4ACSR	0	0	825	165	6	0	1	0.00	6.81	0
CO3503	CO3502	6.50	1 1-	4ACSR	0	0	822	165	6	0	1	0.00	6.81	0
CO3181	CO3067	6.50	2 1-	4ACSR	0	0	822	165	12	1	1	0.00	6.81	0
CO3072	CO3067	6.46	314 3-	4ACSR	1197	1090	831	165	2150	100	72	0.11	6.92	438
CO3192	CO3072	6.48	1 1-	4ACSR	0	0	826	165	3	0	0	0.00	6.92	0
CO3066	CO3072	6.47	313 3-	4/0ACSR	1194	1088	829	165	2145	100	29	0.01	6.93	50
CO3065	CO3066	6.50	313 3-	4/0ACSR	1190	1084	826	165	2144	100	29	0.02	6.94	68
CO3500	CO3065	6.51	311 3-	4/0ACSR	1189	1083	825	165	2131	99	29	0.01	6.95	22
CA54	CO3500	6.51	0 3-	Capacitor	1189	1083	825	165	0	-13	0	0.00	6.95	0
CO3501	CO3500	6.56	1 1-	1/0PRIURD	0	0	817	364	12	1	1	0.00	6.95	0
CO3499	CO3500	6.51	310 3-	4/0ACSR	1188	1082	824	165	2119	99	29	0.01	6.95	19
CO3183	CO3499	6.60	0 1-	4ACSR	0	0	807	164	0	0	0	0.00	6.95	0
CO30666	CO3499	6.56	0 3-	4/0ACSR	1180	1075	819	165	0	0	0	0.00	6.95	0
CO3064	CO3499	6.60	310 3-	4/0ACSR	1174	1069	814	165	2119	99	29	0.07	7.02	235
CO3492	CO3064	6.65	6 1-	4ACSR	0	0	804	164	42	6	4	0.01	7.04	0
CO3493	CO3492	6.68	5 1-	4ACSR	0	0	797	164	39	5	4	0.01	7.05	0
CO3494	CO3493	6.71	5 1-	4ACSR	0	0	791	163	39	5	4	0.01	7.05	0
CO3495	CO3494	6.76	4 1-	4ACSR	0	0	782	163	27	3	3	0.01	7.06	0
CO3496	CO3495	6.80	3 1-	4ACSR	0	0	773	163	21	3	2	0.01	7.07	0
CO3498	CO3496	6.86	2 1-	4ACSR	0	0	763	162	15	2	2	0.00	7.07	0
CO3497	CO3498	6.88	1 1-	4ACSR	0	0	759	162	6	0	1	0.00	7.07	0
CO3043	CO3064	6.67	304 3-	4/0ACSR	1161	1058	805	164	2076	97	29	0.06	7.09	206
CO3480	CO3043	6.72	301 3-	4/0ACSR	1153	1051	799	164	2065	96	28	0.04	7.13	134
CO3479	CO3480	6.81	301 3-	4/0ACSR	1138	1037	789	164	2065	96	28	0.08	7.20	249
CO3822	CO3479	6.93	287 3-	4/0ACSR	1120	1021	776	164	1991	93	27	0.09	7.29	291
OC103	CO3822	6.93	286 3-	70 L OCR	1120	1021	776	164	1983	93	133	0.00	7.29	0
CO3821	OC103	6.94	286 3-	4/0ACSR	1119	1020	775	164	1983	93	27	0.01	7.30	16
CO3472	CO3821	7.00	3 1-	4/0ACSR	0	0	768	163	19	2	1	0.00	7.30	0
CO3473	CO3472	7.06	1 1-	4/0ACSR	0	0	762	163	7	1	0	0.00	7.30	0
CO3204	CO3473	7.10	1 1-	2ACSR	0	0	756	163	7	1	1	0.00	7.30	0
CO3142	CO3472	7.05	1 1-	4ACSR	0	0	759	163	11	1	1	0.00	7.30	0
CO3146	CO3821	6.97	0 1-	4ACSR	0	0	768	163	0	0	0	0.00	7.30	0
CO3820	CO3821	7.00	282 3-	4/0ACSR	1110	1012	769	163	1963	92	27	0.05	7.34	145
SW89-A	CO3820	7.00	0 3-	Open	1110	1012	769	163	0	0	0	0.00	7.34	0
CO3819	CO3820	7.00	282 3-	4/0ACSR	1109	1011	768	163	1962	92	27	0.01	7.35	16
CO3044	CO3819	7.11	3 1-	4/0ACSR	0	0	757	163	26	3	1	0.01	7.35	0
OC-1890007718	CO3044	7.11	2 1-	20 N FUSE	0	0	757	163	24	3	17	0.00	7.35	0
CO3469	OC-1890007718	7.16	1 1-	4/0ACSR	0	0	751	163	17	2	1	0.00	7.36	0
CO3470	CO3469	7.20	1 1-	4/0ACSR	0	0	747	163	17	2	1	0.00	7.36	0
CO3471	CO3470	7.32	1 1-	4/0ACSR	0	0	736	162	17	2	1	0.00	7.36	0
CO3467	OC-1890007718	7.33	1 1-	4ACSR	0	0	718	161	7	0	1	0.01	7.36	0
CO3468	CO3467	7.37	1 1-	4ACSR	0	0	712	160	7	0	1	0.00	7.37	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3042	CO3819	7.04	279 3-	4/0ACSR	1103	1006	764	163	1936	90	27	0.03	7.38	90
CO3143	CO3042	7.09	1 1-	4ACSR	0	0	756	163	12	1	1	0.00	7.38	0
OC364501441	CO3143	7.09	0 1-	20 N FUSE	0	0	756	163	0	0	0	0.00	7.38	0
CO3041	CO3042	7.11	275 3-	4/0ACSR	1093	997	757	163	1922	90	27	0.05	7.43	155
CO3145	CO3041	7.16	1 1-	4ACSR	0	0	747	163	14	2	1	0.00	7.43	0
OC1195476983	CO3145	7.16	0 1-	20 N FUSE	0	0	747	163	0	0	0	0.00	7.43	0
CO3144	CO3041	7.16	1 1-	4ACSR	0	0	747	163	13	1	1	0.00	7.43	0
CO3466	CO3041	7.13	273 3-	4/0ACSR	1090	994	755	163	1894	88	26	0.02	7.44	48
CO3465	CO3466	7.15	269 3-	4/0ACSR	1087	991	752	163	1879	88	26	0.02	7.46	50
CO3464	CO3465	7.18	268 3-	4/0ACSR	1082	987	749	163	1873	87	26	0.02	7.48	69
CO3463	CO3464	7.20	268 3-	4/0ACSR	1079	985	747	163	1872	87	26	0.01	7.50	44
CO3462	CO3463	7.26	265 3-	4/0ACSR	1071	977	741	163	1861	87	26	0.04	7.54	132
CO3461	CO3462	7.35	265 3-	4/0ACSR	1058	966	732	162	1861	87	26	0.07	7.60	200
CO3152	CO3461	7.41	1 1-	4ACSR	0	0	723	162	4	0	0	0.00	7.60	0
OC759771043	CO3152	7.41	0 1-	20 N FUSE	0	0	723	162	0	0	0	0.00	7.60	0
CO3076	CO3461	7.43	75 3-	1/0ACSR	1045	954	723	162	454	21	9	0.03	7.63	22
CO3194	CO3076	7.47	0 1-	4ACSR	0	0	717	162	0	0	0	0.00	7.63	0
CO3075	CO3076	7.52	74 3-	1/0ACSR	1029	941	712	162	454	21	9	0.03	7.67	25
CO3151	CO3075	7.56	2 1-	4ACSR	0	0	706	161	6	0	1	0.00	7.67	0
OC-332723472	CO3151	7.56	0 1-	20 N FUSE	0	0	706	161	0	0	0	0.00	7.67	0
CO3419	CO3075	7.54	72 3-	1/0ACSR	1027	939	711	161	447	21	9	0.00	7.67	3
CO3420	CO3419	7.59	71 3-	1/0ACSR	1019	931	705	161	446	21	9	0.02	7.69	14
CO3421	CO3420	7.62	71 3-	1/0ACSR	1014	927	702	161	446	21	9	0.01	7.70	7
CO3153	CO3421	7.69	1 1-	4ACSR	0	0	690	160	5	0	1	0.00	7.71	0
OC-104346431	CO3153	7.69	0 1-	20 N FUSE	0	0	690	160	0	0	0	0.00	7.71	0
CO3806	CO3421	7.62	70 3-	1/0ACSR	1013	927	701	161	441	21	9	0.00	7.71	0
OC106	CO3806	7.62	70 3-	70 L OCR	1013	927	701	161	441	21	30	0.00	7.71	0
CO3807	OC106	8.03	70 3-	1/0ACSR	952	873	659	159	441	21	9	0.15	7.85	103
CO3422	CO3807	8.07	69 3-	1/0ACSR	946	868	655	159	437	21	9	0.02	7.87	11
CO3057	CO3422	8.13	26 1-	4ACSR	0	0	647	158	191	27	20	0.07	7.94	24
CO3168	CO3057	8.17	2 1-	4ACSR	0	0	642	158	21	2	2	0.00	7.95	0
CO3058	CO3057	8.25	20 1-	4ACSR	0	0	632	157	124	17	13	0.10	8.04	20
OC-2090373536	CO3058	8.25	19 1-	20 N FUSE	0	0	632	157	121	17	87	0.00	8.04	0
CO3170	OC-2090373536	8.27	0 1-	4ACSR	0	0	629	157	0	0	0	0.00	8.04	0
CO3169	OC-2090373536	8.28	1 1-	4ACSR	0	0	627	157	6	0	1	0.00	8.04	0
CO3452	OC-2090373536	8.36	18 1-	4ACSR	0	0	617	156	115	16	12	0.08	8.12	16
CO3453	CO3452	8.41	17 1-	4ACSR	0	0	611	156	105	15	11	0.04	8.16	6
CO3454	CO3453	8.44	17 1-	4ACSR	0	0	608	155	105	15	11	0.02	8.17	3
CO3455	CO3454	8.52	17 1-	4ACSR	0	0	598	155	105	15	11	0.06	8.23	10
CO3059	CO3455	8.61	15 1-	4ACSR	0	0	587	154	92	13	9	0.06	8.29	9
CO3176	CO3059	8.65	1 1-	4ACSR	0	0	582	154	18	2	2	0.00	8.29	0
CO3060	CO3059	8.69	14 1-	4ACSR	0	0	579	153	73	10	8	0.03	8.32	4
CO3173	CO3060	8.77	0 1-	4ACSR	0	0	569	152	0	0	0	0.00	8.32	0
CO3061	CO3060	8.87	9 1-	4ACSR	0	0	558	152	49	7	5	0.06	8.38	5
CO3172	CO3061	8.97	2 1-	4ACSR	0	0	548	151	16	2	2	0.01	8.39	0
CO2084320906	CO3172	9.00	1 1-	2ACSR	0	0	545	150	8	1	1	0.00	8.39	0
CO8239	CO3061	9.21	6 1-	4ACSR	0	0	524	149	31	4	3	0.07	8.45	4
CO2849	CO8239	9.36	0 1-	4ACSR	0	0	510	147	0	0	0	0.00	8.45	0
CO2641	CO2849	9.69	0 1-	4ACSR	0	0	482	145	0	0	0	0.00	8.45	0
CO2401	CO8239	9.32	6 1-	4ACSR	0	0	514	148	31	4	3	0.02	8.47	0
CO2527	CO2401	9.39	6 1-	4ACSR	0	0	507	147	31	4	3	0.01	8.49	0
OC1802725673	CO2527	9.39	6 1-	20 N FUSE	0	0	507	147	31	4	22	0.00	8.49	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2526	OC1802725673	9.53	6 1-	4ACSR	0	0	495	146	31	4	3	0.02	8.51	0
CO2528	CO2526	9.65	5 1-	4ACSR	0	0	485	145	25	3	3	0.02	8.53	0
CO2440	CO2528	9.71	2 1-	4ACSR	0	0	480	144	14	2	1	0.00	8.53	0
CO2396	CO2528	9.73	3 1-	4ACSR	0	0	478	144	11	1	1	0.01	8.54	0
CO2530	CO2396	10.21	0 1-	4ACSR	0	0	442	141	0	0	0	0.00	8.54	0
CO2441	CO2396	9.79	2 1-	4ACSR	0	0	473	144	8	1	1	0.00	8.54	0
CO8254	CO2401	9.44	0 1-	4ACSR	0	0	503	147	0	0	0	0.00	8.47	0
CO3458	CO3060	8.72	5 1-	4ACSR	0	0	575	153	24	3	3	0.01	8.33	0
CO3175	CO3458	8.77	1 1-	4ACSR	0	0	569	152	15	2	2	0.00	8.33	0
CO3174	CO3458	8.82	0 1-	4ACSR	0	0	564	152	0	0	0	0.00	8.33	0
CO3459	CO3458	8.81	3 1-	4ACSR	0	0	565	152	9	1	1	0.01	8.33	0
CO3460	CO3459	8.85	1 1-	4ACSR	0	0	560	152	8	1	1	0.00	8.33	0
CO3456	CO3455	8.60	2 1-	4ACSR	0	0	588	154	13	1	1	0.01	8.24	0
CO3457	CO3456	8.70	1 1-	4ACSR	0	0	577	153	13	1	1	0.00	8.24	0
CO3446	CO3057	8.18	4 1-	4ACSR	0	0	641	158	46	6	5	0.01	7.96	0
CO3447	CO3446	8.27	3 1-	4ACSR	0	0	628	157	36	5	4	0.02	7.98	0
CO3450	CO3447	8.37	1 1-	4ACSR	0	0	617	156	11	1	1	0.01	7.98	0
CO3451	CO3450	8.41	1 1-	4ACSR	0	0	611	156	11	1	1	0.00	7.98	0
CO3448	CO3447	8.29	1 1-	4ACSR	0	0	625	157	14	1	1	0.00	7.98	0
CO3449	CO3448	8.35	1 1-	4ACSR	0	0	618	156	14	1	1	0.00	7.98	0
CO3423	CO3422	8.20	42 1-	4ACSR	0	0	638	158	237	34	24	0.19	8.06	72
CO3424	CO3423	8.21	40 1-	4ACSR	0	0	636	158	214	30	22	0.02	8.08	8
CO3425	CO3424	8.23	40 1-	4ACSR	0	0	634	157	214	30	22	0.02	8.10	9
CO3426	CO3425	8.26	39 1-	4ACSR	0	0	630	157	210	30	22	0.04	8.14	14
CO3427	CO3426	8.29	37 1-	4ACSR	0	0	626	157	202	29	21	0.04	8.18	13
CO3166	CO3427	8.33	2 1-	4ACSR	0	0	622	157	9	1	1	0.00	8.18	0
CO3428	CO3427	8.30	35 1-	4ACSR	0	0	625	157	194	28	20	0.01	8.19	4
CO3429	CO3428	8.32	33 1-	4ACSR	0	0	622	157	180	26	19	0.03	8.23	10
OC1693866320	CO3429	8.32	31 1-	20 N FUSE	0	0	622	157	178	25	128	0.00	8.23	0
CO3430	OC1693866320	8.33	31 1-	4ACSR	0	0	620	156	178	25	18	0.01	8.24	4
CO3167	CO3430	8.36	1 1-	4ACSR	0	0	617	156	7	1	1	0.00	8.24	0
CO3431	CO3430	8.36	30 1-	4ACSR	0	0	617	156	170	24	18	0.03	8.26	7
CO3432	CO3431	8.41	28 1-	4ACSR	0	0	611	156	165	23	17	0.06	8.32	16
CO3435	CO3432	8.47	18 1-	4ACSR	0	0	604	155	124	17	13	0.05	8.37	10
CO1055143962	CO3435	8.49	4 1-	2ACSR	0	0	602	155	27	3	2	0.00	8.37	0
CO3436	CO3435	8.58	13 1-	4ACSR	0	0	591	154	96	13	10	0.07	8.43	10
CO3440	CO3436	8.65	10 1-	4ACSR	0	0	583	154	44	6	5	0.02	8.45	0
CO3441	CO3440	8.71	10 1-	4ACSR	0	0	576	153	44	6	5	0.02	8.47	0
CO3442	CO3441	8.73	8 1-	4ACSR	0	0	573	153	36	5	4	0.01	8.47	0
CO3191	CO3442	8.76	0 1-	4ACSR	0	0	571	153	0	0	0	0.00	8.47	0
CO3443	CO3442	8.78	8 1-	4ACSR	0	0	568	152	36	5	4	0.01	8.48	0
CO3444	CO3443	8.91	8 1-	4ACSR	0	0	555	151	36	5	4	0.03	8.51	0
CO3445	CO3444	9.03	8 1-	4ACSR	0	0	541	150	36	5	4	0.03	8.54	0
OC264682515	CO3445	9.03	8 1-	20 N FUSE	0	0	541	150	36	5	26	0.00	8.54	0
CO8258	OC264682515	9.25	8 1-	4ACSR	0	0	520	148	36	5	4	0.05	8.59	3
CO2460	CO8258	9.30	0 1-	4ACSR	0	0	516	148	0	0	0	0.00	8.59	0
CO2405	CO8258	9.37	8 1-	4ACSR	0	0	509	147	36	5	4	0.03	8.62	0
CO2625	CO2405	9.44	4 1-	4ACSR	0	0	503	147	23	3	2	0.01	8.63	0
CO2622	CO2625	9.60	3 1-	4ACSR	0	0	489	145	23	3	2	0.03	8.66	0
CO2624	CO2622	9.67	3 1-	4ACSR	0	0	483	145	23	3	2	0.01	8.67	0
CO2623	CO2624	9.86	3 1-	4ACSR	0	0	467	143	23	3	2	0.03	8.70	0
CO2627	CO2623	10.10	3 1-	4ACSR	0	0	449	141	23	3	2	0.03	8.73	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2626	CO2627	10.12	2 1-	4ACSR	0	0	448	141	14	2	1	0.00	8.73	0
CO2630	CO2626	10.19	0 1-	4ACSR	0	0	443	141	0	0	0	0.00	8.73	0
CO2464	CO2626	10.17	1 1-	4ACSR	0	0	444	141	7	1	1	0.00	8.73	0
CO2463	CO2626	10.16	0 1-	4ACSR	0	0	445	141	0	0	0	0.00	8.73	0
CO2462	CO2623	9.93	0 1-	4ACSR	0	0	462	143	0	0	0	0.00	8.70	0
CO2759	CO2623	9.96	0 1-	4ACSR	0	0	460	143	0	0	0	0.00	8.70	0
CO2758	CO2759	9.99	0 1-	4ACSR	0	0	457	142	0	0	0	0.00	8.70	0
CO2461	CO2405	9.43	2 1-	4ACSR	0	0	503	147	8	1	1	0.00	8.62	0
CO2757	CO2405	9.45	2 1-	4ACSR	0	0	502	147	5	0	0	0.00	8.62	0
CO2756	CO2757	9.53	0 1-	4ACSR	0	0	495	146	0	0	0	0.00	8.62	0
CO3438	CO3436	8.66	2 1-	4ACSR	0	0	582	153	38	5	4	0.02	8.45	0
CO3198	CO3438	8.84	1 1-	2ACSR	0	0	565	152	20	2	2	0.01	8.46	0
CO3439	CO3438	8.69	1 1-	4ACSR	0	0	578	153	17	2	2	0.00	8.45	0
CO3437	CO3439	8.72	0 1-	4ACSR	0	0	575	153	0	0	0	0.00	8.45	0
CO3433	CO3432	8.45	10 1-	4ACSR	0	0	606	155	40	5	4	0.01	8.33	0
CO3434	CO3433	8.48	6 1-	4ACSR	0	0	603	155	27	3	3	0.00	8.33	0
CO3199	CO3434	8.52	2 1-	2ACSR	0	0	599	155	15	2	1	0.00	8.33	0
CO3040	CO3461	7.43	186 3-	4/0ACSR	1048	957	725	162	1387	65	19	0.04	7.64	92
CO3047	CO3040	7.47	14 1-	4ACSR	0	0	719	162	108	15	11	0.02	7.67	4
CO3407	CO3047	7.49	1 1-	4ACSR	0	0	716	162	3	0	0	0.00	7.67	0
CO3408	CO3407	7.56	1 1-	4ACSR	0	0	704	161	3	0	0	0.00	7.67	0
CO3048	CO3047	7.52	11 1-	4ACSR	0	0	710	161	89	12	9	0.03	7.70	5
CO3411	CO3048	7.59	8 1-	4ACSR	0	0	699	161	58	8	6	0.02	7.72	0
CO3412	CO3411	7.62	7 1-	4ACSR	0	0	695	160	44	6	5	0.01	7.73	0
CO3413	CO3412	7.67	7 1-	4ACSR	0	0	688	160	44	6	5	0.01	7.74	0
CO3414	CO3413	7.70	5 1-	4ACSR	0	0	682	159	27	3	3	0.00	7.74	0
CO3224	CO3414	7.74	1 1-	2ACSR	0	0	678	159	5	0	0	0.00	7.75	0
CO3415	CO3414	7.74	1 1-	4ACSR	0	0	677	159	4	0	0	0.00	7.75	0
CO3416	CO3415	7.79	1 1-	4ACSR	0	0	670	159	4	0	0	0.00	7.75	0
CO3409	CO3048	7.54	3 1-	4ACSR	0	0	707	161	31	4	3	0.00	7.70	0
CO3410	CO3409	7.60	1 1-	4ACSR	0	0	698	160	7	0	1	0.00	7.70	0
CO3039	CO3040	7.52	172 3-	4/0ACSR	1035	945	716	162	1279	60	18	0.04	7.68	98
CO3405	CO3039	7.56	2 1-	4ACSR	0	0	710	161	89	12	9	0.02	7.70	3
CO3406	CO3405	7.58	2 1-	4ACSR	0	0	707	161	89	12	9	0.01	7.71	0
CO3038	CO3039	7.60	170 3-	4/0ACSR	1025	936	709	162	1189	55	16	0.03	7.71	68
CO3802	CO3038	7.61	80 1-	4ACSR	0	0	708	162	528	76	54	0.02	7.73	20
OC105	CO3802	7.61	80 1-	50 L OCR	0	0	708	162	527	76	0	0.00	7.73	0
CO3803	OC105	7.63	80 1-	4ACSR	0	0	705	161	527	76	54	0.08	7.81	69
CO3324	CO3803	7.66	78 1-	4ACSR	0	0	699	161	523	75	54	0.12	7.93	102
CO3164	CO3324	7.70	5 1-	750 MCM - 42 Wi	0	0	697	161	40	5	0	0.00	7.93	0
CO3831	CO3324	7.74	71 1-	4ACSR	0	0	688	160	472	68	49	0.23	8.16	187
CO3832	CO3831	7.82	71 1-	4ACSR	0	0	676	159	471	68	49	0.25	8.42	200
CO3327	CO3832	7.87	70 1-	4ACSR	0	0	669	159	449	65	47	0.12	8.54	91
CO3328	CO3327	7.89	61 1-	4ACSR	0	0	666	159	397	57	41	0.06	8.60	41
CO3051	CO3328	7.96	38 1-	4/0ACSR	0	0	661	159	188	27	8	0.02	8.63	6
CO3804	CO3051	7.96	30 1-	4/0ACSR	0	0	660	159	147	21	6	0.00	8.63	0
CO3805	CO3804	8.03	30 1-	4/0ACSR	0	0	655	158	147	21	6	0.02	8.64	3
CO3358	CO3805	8.11	24 1-	4/0ACSR	0	0	649	158	109	15	5	0.02	8.66	2
CO3052	CO3358	8.14	4 1-	4/0ACSR	0	0	646	158	23	3	1	0.00	8.66	0
CO3348	CO3052	8.18	4 1-	4/0ACSR	0	0	643	158	23	3	1	0.00	8.66	0
CO3351	CO3348	8.20	4 1-	4/0ACSR	0	0	642	158	23	3	1	0.00	8.66	0
CO3352	CO3351	8.24	0 1-	4/0ACSR	0	0	639	158	0	0	0	0.00	8.66	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3353	CO3358	8.12	20 1-	4/0ACSR	0	0	648	158	86	12	4	0.00	8.66	0
CO3356	CO3353	8.20	20 1-	4/0ACSR	0	0	642	158	86	12	4	0.01	8.67	0
CO3357	CO3356	8.24	8 1-	4/0ACSR	0	0	639	158	45	6	2	0.00	8.68	0
CO3354	CO3357	8.30	5 1-	4/0ACSR	0	0	635	158	26	3	1	0.00	8.68	0
CO3355	CO3354	8.34	2 1-	4/0ACSR	0	0	632	158	14	2	1	0.00	8.68	0
CO38678675	CO3355	8.37	2 1-	2ACSR	0	0	628	157	14	2	1	0.00	8.68	0
CO3359	CO3051	7.98	8 1-	4/0ACSR	0	0	658	159	41	6	2	0.00	8.63	0
CO3360	CO3359	8.01	0 1-	4/0ACSR	0	0	656	158	0	0	0	0.00	8.63	0
CO3049	CO3328	7.98	23 1-	4ACSR	0	0	653	158	208	30	22	0.12	8.72	43
CO3050	CO3049	8.02	19 1-	4ACSR	0	0	647	158	173	25	18	0.04	8.77	13
CO3346	CO3050	8.06	10 1-	4ACSR	0	0	642	157	75	10	8	0.02	8.79	2
CO3347	CO3346	8.10	10 1-	4ACSR	0	0	637	157	75	10	8	0.01	8.80	0
CO3345	CO3347	8.17	3 1-	4ACSR	0	0	627	156	32	4	3	0.01	8.81	0
CO3341	CO3050	8.06	9 1-	4/0ACSR	0	0	645	157	98	14	4	0.01	8.77	0
CO3342	CO3341	8.15	7 1-	4/0ACSR	0	0	638	157	72	10	3	0.01	8.79	0
CO3343	CO3342	8.19	7 1-	4/0ACSR	0	0	635	157	72	10	3	0.00	8.79	0
CO-1526601957	CO3343	8.22	3 1-	2ACSR	0	0	632	157	31	4	2	0.00	8.80	0
CO2083371267	CO-1526601957	8.23	1 1-	2ACSR	0	0	631	157	18	2	1	0.00	8.80	0
CO320394142	CO2083371267	8.26	1 1-	1/0PRIURD	0	0	628	322	18	2	2	0.00	8.80	0
CO309534129	CO-1526601957	8.25	2 1-	2ACSR	0	0	629	157	13	1	1	0.00	8.80	0
CO3210	CO309534129	8.28	2 1-	1/0PRIURD	0	0	626	322	13	1	1	0.00	8.80	0
CO3344	CO3343	8.25	1 1-	4/0ACSR	0	0	631	157	18	2	1	0.00	8.79	0
CO3339	CO3049	8.02	2 1-	4ACSR	0	0	647	158	16	2	2	0.00	8.73	0
CO3340	CO3339	8.06	2 1-	4ACSR	0	0	642	157	16	2	2	0.00	8.73	0
CO3801	CO3038	7.63	90 3-	4/0ACSR	1021	933	706	162	661	31	9	0.01	7.72	9
OC947	CO3801	7.63	86 3-	NoDevice	1021	933	706	162	647	31	0	0.00	7.72	0
CO3800	OC947	7.64	86 3-	4/0ACSR	1020	932	706	162	647	31	9	0.00	7.72	0
CO3037	CO3800	7.79	0 3-	4/0ACSR	1001	915	692	161	0	0	0	0.00	7.72	0
CO3325	CO3800	7.67	86 3-	4/0ACSR	1017	928	703	161	647	31	9	0.01	7.73	8
OC95	CO3325	7.67	85 3-	50 L OCR	1017	928	703	161	646	31	0	0.00	7.73	0
CO3326	OC95	7.70	85 3-	4/0ACSR	1012	924	700	161	646	31	9	0.01	7.74	10
CO3323	CO3326	7.78	85 3-	4/0ACSR	1003	916	693	161	646	31	9	0.02	7.77	21
CO3799	CO3323	7.79	84 3-	750 MCM - 42 wi	1002	915	693	161	643	30	3	0.00	7.77	0
CO3331	CO3799	7.82	46 1-	4/0ACSR	0	0	690	161	403	58	17	0.03	7.80	14
CO3332	CO3331	7.90	46 1-	4/0ACSR	0	0	683	161	403	58	17	0.06	7.85	30
CO3333	CO3332	7.93	42 1-	4/0ACSR	0	0	680	161	381	55	16	0.03	7.88	14
CO3156	CO3333	7.98	2 1-	4/0ACSR	0	0	676	161	6	0	0	0.00	7.88	0
CO3374	CO3333	8.01	37 1-	4/0ACSR	0	0	674	160	368	53	16	0.05	7.94	27
CO3375	CO3374	8.05	37 1-	4/0ACSR	0	0	671	160	368	53	16	0.03	7.96	13
CO3376	CO3375	8.07	36 1-	4/0ACSR	0	0	669	160	363	52	15	0.01	7.98	6
CO3379	CO3376	8.09	1 1-	4/0ACSR	0	0	667	160	5	0	0	0.00	7.98	0
CO3380	CO3379	8.12	1 1-	4/0ACSR	0	0	665	160	5	0	0	0.00	7.98	0
CO3377	CO3376	8.12	35 1-	4ACSR	0	0	661	160	357	51	37	0.13	8.11	77
CO3378	CO3377	8.18	34 1-	4ACSR	0	0	654	159	338	48	35	0.13	8.23	73
CO3157	CO3378	8.22	1 1-	4ACSR	0	0	649	159	14	2	1	0.00	8.23	0
CO3053	CO3378	8.24	33 1-	4ACSR	0	0	646	159	324	46	33	0.12	8.35	64
CO3383	CO3053	8.33	3 1-	4ACSR	0	0	634	158	47	6	5	0.02	8.37	0
CO3384	CO3383	8.39	1 1-	4ACSR	0	0	627	157	20	2	2	0.00	8.38	0
CO3381	CO3053	8.26	29 1-	4ACSR	0	0	644	158	262	38	27	0.03	8.38	15
OC-439617926	CO3381	8.26	29 1-	20 N FUSE	0	0	644	158	262	38	190	0.00	8.38	0
CO3382	OC-439617926	8.33	29 1-	4ACSR	0	0	634	158	262	38	27	0.12	8.51	53
CO3385	CO3382	8.40	26 1-	4ACSR	0	0	625	157	235	34	24	0.10	8.61	41

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3386	CO3385	8.47	26 1-	4ACSR	0	0	616	156	234	34	24	0.11	8.72	42
CO3158	CO3386	8.52	2 1-	4ACSR	0	0	610	156	36	5	4	0.01	8.72	0
CO3054	CO3386	8.53	21 1-	4ACSR	0	0	609	156	166	24	17	0.06	8.78	18
CO3160	CO3054	8.58	1 1-	4ACSR	0	0	603	155	2	0	0	0.00	8.78	0
CO3389	CO3054	8.59	12 1-	4ACSR	0	0	602	155	79	11	8	0.03	8.81	3
CO3390	CO3389	8.62	10 1-	4ACSR	0	0	599	155	65	9	7	0.01	8.82	0
CO3161	CO3390	8.67	1 1-	4ACSR	0	0	592	155	6	0	1	0.00	8.82	0
CO3080	CO3390	8.67	9 1-	4ACSR	0	0	592	155	59	8	6	0.02	8.84	2
CO3163	CO3080	8.74	3 1-	4ACSR	0	0	585	154	30	4	3	0.01	8.85	0
CO326011660	CO3163	8.77	1 1-	2ACSR	0	0	581	154	11	1	1	0.00	8.85	0
CO-802844336	CO326011660	8.83	1 1-	2ACSR	0	0	576	153	11	1	1	0.00	8.86	0
CO3401	CO3080	8.77	2 1-	4ACSR	0	0	581	154	5	0	0	0.00	8.85	0
CO3162	CO3401	8.79	1 1-	4ACSR	0	0	579	154	0	0	0	0.00	8.85	0
CO3402	CO3401	8.80	1 1-	4ACSR	0	0	577	153	5	0	0	0.00	8.85	0
CO3403	CO3402	8.81	1 1-	4ACSR	0	0	576	153	5	0	0	0.00	8.85	0
CO3404	CO3403	8.85	1 1-	4ACSR	0	0	572	153	5	0	0	0.00	8.85	0
CO3399	CO3080	8.77	4 1-	4ACSR	0	0	581	154	24	3	2	0.01	8.86	0
CO3400	CO3399	8.82	3 1-	4ACSR	0	0	576	153	24	3	2	0.01	8.86	0
CO8244	CO3400	8.86	2 1-	4/0ACSR	0	0	573	153	12	1	1	0.00	8.86	0
CO3387	CO3054	8.59	7 1-	4ACSR	0	0	602	155	85	12	9	0.03	8.81	5
CO3388	CO3387	8.64	7 1-	4ACSR	0	0	595	155	85	12	9	0.03	8.85	5
CO3393	CO3388	8.70	6 1-	4ACSR	0	0	589	154	69	9	7	0.02	8.87	2
CO3397	CO3393	8.71	1 1-	4ACSR	0	0	588	154	9	1	1	0.00	8.87	0
CO3398	CO3397	8.73	1 1-	4ACSR	0	0	586	154	9	1	1	0.00	8.87	0
CO3394	CO3393	8.73	2 1-	4ACSR	0	0	586	154	28	4	3	0.01	8.87	0
CO3395	CO3394	8.77	2 1-	4ACSR	0	0	581	154	28	4	3	0.01	8.88	0
CO3396	CO3395	8.79	1 1-	4ACSR	0	0	579	154	12	1	1	0.00	8.88	0
CO3159	CO3393	8.74	1 1-	4/0ACSR	0	0	586	154	14	1	1	0.00	8.87	0
CO3391	CO3388	8.68	1 1-	4/0ACSR	0	0	593	155	16	2	1	0.00	8.85	0
CO3392	CO3391	8.72	1 1-	4/0ACSR	0	0	591	155	16	2	1	0.00	8.85	0
CO3372	CO3333	7.97	3 1-	4/0ACSR	0	0	677	161	7	0	0	0.00	7.88	0
CO3373	CO3372	8.01	2 1-	4/0ACSR	0	0	674	160	2	0	0	0.00	7.88	0
CO3329	CO3799	7.81	38 1-	4/0ACSR	0	0	691	161	240	34	10	0.01	7.78	3
CO3330	CO3329	7.86	37 1-	4/0ACSR	0	0	687	161	232	33	10	0.02	7.80	6
CO3334	CO3330	7.87	33 1-	4/0ACSR	0	0	685	161	219	31	9	0.01	7.81	2
CO3206	CO3334	7.90	1 1-	2ACSR	0	0	682	161	9	1	1	0.00	7.81	0
CO3335	CO3334	7.94	32 1-	4/0ACSR	0	0	679	161	209	30	9	0.03	7.83	7
CO3336	CO3335	7.97	26 1-	4/0ACSR	0	0	677	161	181	26	8	0.01	7.84	0
CO3338	CO3336	8.00	24 1-	4/0ACSR	0	0	675	160	170	24	7	0.01	7.85	2
CO3337	CO3338	8.02	22 1-	4/0ACSR	0	0	673	160	156	22	7	0.01	7.86	0
CO3361	CO3337	8.06	18 1-	4ACSR	0	0	667	160	129	18	13	0.03	7.89	7
OC1029812872	CO3361	8.06	17 1-	20 N FUSE	0	0	667	160	125	18	91	0.00	7.89	0
CO3362	OC1029812872	8.10	17 1-	4ACSR	0	0	663	160	125	18	13	0.03	7.92	6
CO3366	CO3362	8.11	5 1-	4ACSR	0	0	661	160	51	7	5	0.00	7.92	0
CO3370	CO3366	8.13	5 1-	4ACSR	0	0	658	159	51	7	5	0.01	7.93	0
CO3371	CO3370	8.19	2 1-	4ACSR	0	0	651	159	34	4	3	0.01	7.93	0
CO3367	CO3370	8.18	2 1-	4ACSR	0	0	652	159	14	2	1	0.00	7.93	0
CO3368	CO3367	8.21	2 1-	4ACSR	0	0	647	159	14	2	1	0.00	7.94	0
CO3369	CO3368	8.27	1 1-	4ACSR	0	0	639	158	10	1	1	0.00	7.94	0
CO3363	CO3362	8.15	12 1-	4/0ACSR	0	0	658	160	74	10	3	0.01	7.92	0
CO3364	CO3363	8.20	8 1-	4/0ACSR	0	0	654	159	49	7	2	0.00	7.93	0
CO3155	CO3364	8.26	2 1-	4/0ACSR	0	0	650	159	16	2	1	0.00	7.93	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3365	CO3364	8.28	1 1-	4/0ACSR	0	0	649	159	13	1	1	0.00	7.93	0
CO3350	CO3337	8.05	0 1-	4/0ACSR	0	0	670	160	0	0	0	0.00	7.86	0
CO3349	CO3350	8.08	0 1-	4/0ACSR	0	0	668	160	0	0	0	0.00	7.86	0
CO-214798512	CO3329	7.83	1 1-	2ACSR	0	0	688	161	8	1	1	0.00	7.78	0
NEWCAP-EA5FB7B3	CO3038	7.60	0 3-	Capacitor	1025	936	709	162	0	-13	0	0.00	7.71	0
CO3417	CO3461	7.38	2 1-	4/0ACSR	0	0	729	162	7	1	0	0.00	7.60	0
OC678459799	CO3417	7.38	0 1-	20 N FUSE	0	0	729	162	0	0	0	0.00	7.60	0
CO3418	OC678459799	7.42	0 1-	4/0ACSR	0	0	726	162	0	0	0	0.00	7.60	0
#SW89-B	CO3820	7.00	0 3-	Open	1110	1012	769	163	0	0	0	0.00	7.34	0
CO3069	CO3821	7.13	1 3-	4/0AAAC	1093	997	756	163	1	0	0	0.00	7.30	0
CO3045	CO3479	6.87	13 1-	4/0ACSR	0	0	782	164	73	10	3	0.01	7.21	0
CO3481	CO3045	6.90	2 1-	4ACSR	0	0	777	164	12	1	1	0.00	7.21	0
CO3482	CO3481	6.93	1 1-	4ACSR	0	0	772	163	9	1	1	0.00	7.22	0
CO3483	CO3482	6.96	1 1-	4ACSR	0	0	765	163	9	1	1	0.00	7.22	0
CO3484	CO3483	7.00	1 1-	4ACSR	0	0	758	162	9	1	1	0.00	7.22	0
CO3046	CO3045	6.93	11 1-	4/0ACSR	0	0	776	164	61	8	3	0.01	7.22	0
CO3485	CO3046	6.96	10 1-	4/0ACSR	0	0	773	164	58	8	2	0.00	7.22	0
CO3486	CO3485	6.97	9 1-	4/0ACSR	0	0	771	163	47	6	2	0.00	7.22	0
CO3487	CO3486	7.04	4 1-	4ACSR	0	0	759	163	19	2	2	0.01	7.23	0
CO3488	CO3487	7.06	3 1-	4ACSR	0	0	756	163	10	1	1	0.00	7.23	0
CO3489	CO3488	7.15	3 1-	4ACSR	0	0	739	162	10	1	1	0.01	7.24	0
CO3490	CO3489	7.19	3 1-	4ACSR	0	0	733	161	10	1	1	0.00	7.24	0
CO3837	CO3490	7.21	3 1-	4ACSR	0	0	730	161	10	1	1	0.00	7.24	0
CO3491	CO3837	7.25	1 1-	4ACSR	0	0	723	161	7	1	1	0.00	7.24	0
CO3150	CO3837	7.25	1 1-	1/0PRIURD	0	0	727	345	3	0	0	0.00	7.24	0
CO3149	CO3486	7.00	2 1-	4/0ACSR	0	0	768	163	15	2	1	0.00	7.22	0
CO3148	CO3046	6.98	0 1-	4/0ACSR	0	0	770	163	0	0	0	0.00	7.22	0
CO3147	CO3043	6.71	2 1-	4/0ACSR	0	0	801	164	7	1	0	0.00	7.09	0
CO3182	CO3065	6.57	2 1-	4ACSR	0	0	811	164	13	1	1	0.00	6.95	0
CO3825	CO3068	5.75	16 1-	4ACSR	0	0	933	167	91	13	9	0.00	6.26	0
OC99	CO3825	5.75	16 1-	10 N FUSE	0	0	933	167	91	13	131	0.00	6.26	0
CO3826	OC99	5.81	16 1-	4ACSR	0	0	916	167	91	13	9	0.04	6.29	6
CO3522	CO3826	5.89	14 1-	4ACSR	0	0	895	166	84	12	9	0.05	6.34	7
CO3523	CO3522	5.99	14 1-	4ACSR	0	0	872	165	84	12	9	0.05	6.39	7
CO3186	CO3523	6.06	1 1-	4ACSR	0	0	855	164	0	0	0	0.00	6.39	0
CO3077	CO3523	6.08	13 1-	2ACSR	0	0	854	164	84	12	7	0.03	6.43	4
CO3524	CO3077	6.13	7 1-	4ACSR	0	0	843	164	42	6	4	0.01	6.44	0
CO3525	CO3524	6.20	4 1-	4ACSR	0	0	827	163	23	3	2	0.01	6.45	0
CO3526	CO3525	6.30	3 1-	4ACSR	0	0	807	162	21	3	2	0.01	6.46	0
CO3527	CO3526	6.32	2 1-	4ACSR	0	0	801	162	13	1	1	0.00	6.46	0
CO3528	CO3527	6.34	1 1-	4ACSR	0	0	797	162	2	0	0	0.00	6.46	0
CO3187	CO3526	6.35	1 1-	4ACSR	0	0	794	161	8	1	1	0.00	6.46	0
CO3189	CO3077	6.15	1 1-	4ACSR	0	0	838	163	18	2	2	0.00	6.43	0
CO3188	CO3077	6.15	1 1-	4ACSR	0	0	838	163	12	1	1	0.00	6.43	0
CO3185	CO3826	5.83	1 1-	4ACSR	0	0	910	166	6	0	1	0.00	6.29	0
CO3184	CO3826	5.97	1 1-	4ACSR	0	0	878	165	0	0	0	0.00	6.29	0
CO3834	CO8252	5.81	80 1-	4ACSR	0	0	891	165	504	72	52	1.03	7.04	866
CO8260	CO3834	5.89	79 1-	4ACSR	0	0	871	164	499	72	52	0.28	7.32	229
CO4881	CO8260	6.14	77 1-	4ACSR	0	0	813	162	488	71	51	0.82	8.14	672
CO4880	CO4881	6.17	77 1-	4ACSR	0	0	808	161	485	71	51	0.08	8.22	64
CO4878	CO4880	6.24	1 1-	4ACSR	0	0	793	161	2	0	0	0.00	8.22	0
CO4879	CO4878	6.33	1 1-	4ACSR	0	0	773	160	2	0	0	0.00	8.22	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4876	CO4880	6.21	74 1-	4ACSR	0	0	800	161	474	69	50	0.13	8.34	100
CO4877	CO4876	6.24	74 1-	4ACSR	0	0	793	161	473	69	50	0.10	8.44	79
CO4874	CO4877	6.28	2 1-	4ACSR	0	0	783	160	10	1	1	0.00	8.44	0
CO4875	CO4874	6.33	1 1-	4ACSR	0	0	773	160	4	0	0	0.00	8.44	0
CO4872	CO4877	6.27	69 1-	4ACSR	0	0	786	160	435	63	46	0.10	8.55	77
CO4873	CO4872	6.33	68 1-	4ACSR	0	0	773	160	429	63	45	0.17	8.72	122
CO4870	CO4873	6.38	4 1-	4ACSR	0	0	764	159	19	2	2	0.01	8.72	0
CO4871	CO4870	6.50	3 1-	4ACSR	0	0	741	158	17	2	2	0.01	8.73	0
CO4868	CO4873	6.38	59 1-	4ACSR	0	0	763	159	385	56	40	0.14	8.85	90
CO4869	CO4868	6.43	58 1-	4ACSR	0	0	753	159	383	56	40	0.13	8.98	83
CO4867	CO4869	6.57	57 1-	4ACSR	0	0	728	158	380	56	40	0.34	9.32	221
CO4866	CO4867	6.69	56 1-	4ACSR	0	0	707	156	376	55	40	0.31	9.63	198
CO4768	CO4866	6.76	1 1-	4ACSR	0	0	694	156	10	1	1	0.00	9.63	0
CO4740	CO4866	6.73	53 1-	4ACSR	0	0	699	156	358	53	38	0.12	9.75	71
CO4864	CO4740	6.75	4 1-	4ACSR	0	0	695	156	3	0	0	0.00	9.75	0
OC29558313	CO4864	6.75	3 1-	20 N FUSE	0	0	695	156	3	0	2	0.00	9.75	0
CO4865	OC29558313	7.15	3 1-	4ACSR	0	0	633	152	3	0	0	0.01	9.76	0
CO8256	CO4865	7.34	1 1-	4ACSR	0	0	607	151	0	0	0	0.00	9.76	0
CO3685	CO8256	7.37	1 1-	4ACSR	0	0	602	150	0	0	0	0.00	9.76	0
CO8255	CO4865	7.26	2 1-	4ACSR	0	0	618	151	3	0	0	0.00	9.76	0
CO4741	CO4740	6.90	49 1-	4ACSR	0	0	671	154	355	52	38	0.40	10.15	246
CO4769	CO4741	6.96	1 1-	4ACSR	0	0	662	154	5	0	1	0.00	10.15	0
CO4742	CO4741	6.95	48 1-	4ACSR	0	0	664	154	349	52	37	0.11	10.26	65
CO4770	CO4742	7.01	2 1-	4ACSR	0	0	654	154	18	2	2	0.00	10.27	0
CO4743	CO4742	6.99	43 1-	4ACSR	0	0	656	154	312	46	33	0.10	10.37	55
CO4862	CO4743	7.08	42 1-	4ACSR	0	0	644	153	311	46	33	0.17	10.54	91
CO4863	CO4862	7.20	40 1-	4ACSR	0	0	627	152	305	45	33	0.25	10.79	134
CO4848	CO4863	7.23	16 1-	4ACSR	0	0	622	152	107	15	11	0.03	10.82	5
CO4849	CO4848	7.26	15 1-	4ACSR	0	0	618	151	103	15	11	0.02	10.83	3
CO-1883807208	CO4849	7.35	0 1-	2ACSR	0	0	608	151	0	0	0	0.00	10.83	0
CO4850	CO4849	7.33	13 1-	4ACSR	0	0	608	151	103	15	11	0.05	10.88	8
CO4861	CO4850	7.39	12 1-	4ACSR	0	0	601	150	88	13	9	0.03	10.92	5
CO4857	CO4861	7.44	10 1-	4ACSR	0	0	593	150	65	9	7	0.03	10.94	3
CO4858	CO4857	7.48	9 1-	4ACSR	0	0	589	149	64	9	7	0.01	10.96	0
CO4851	CO4858	7.50	8 1-	4ACSR	0	0	587	149	50	7	5	0.01	10.96	0
CO4852	CO4851	7.52	7 1-	4ACSR	0	0	583	149	42	6	5	0.01	10.97	0
CO4853	CO4852	7.56	5 1-	4ACSR	0	0	579	149	18	2	2	0.00	10.97	0
CO4859	CO4853	7.59	3 1-	4ACSR	0	0	574	148	12	1	1	0.00	10.97	0
CO4860	CO4859	7.63	1 1-	4ACSR	0	0	570	148	9	1	1	0.00	10.98	0
CO1648782096	CO4859	7.62	1 1-	1/0PRIURD	0	0	572	292	3	0	0	0.00	10.97	0
CO4772	CO4853	7.59	1 1-	4ACSR	0	0	574	148	1	0	0	0.00	10.97	0
CO4854	CO4861	7.48	2 1-	2ACSR	0	0	592	150	23	3	2	0.01	10.93	0
CO4855	CO4854	7.53	2 1-	2ACSR	0	0	586	149	23	3	2	0.00	10.93	0
CO4856	CO4855	7.61	1 1-	2ACSR	0	0	579	149	12	1	1	0.00	10.93	0
CO4846	CO4863	7.27	24 1-	4ACSR	0	0	616	151	197	29	21	0.10	10.89	34
CO4847	CO4846	7.33	22 1-	4ACSR	0	0	609	151	189	28	20	0.07	10.96	23
CO4844	CO4847	7.36	20 1-	4ACSR	0	0	604	150	174	26	19	0.04	11.00	12
CO4845	CO4844	7.38	18 1-	4ACSR	0	0	602	150	160	23	17	0.02	11.02	4
CO4840	CO4845	7.46	4 1-	4ACSR	0	0	591	150	38	5	4	0.02	11.04	0
CO4841	CO4840	7.48	4 1-	4ACSR	0	0	589	149	38	5	4	0.00	11.05	0
CO4842	CO4841	7.56	3 1-	4ACSR	0	0	579	149	28	4	3	0.02	11.06	0
CO4843	CO4842	7.61	1 1-	4ACSR	0	0	573	148	8	1	1	0.00	11.06	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4804	CO4842	7.60	1 1-	2ACSR	0	0	575	148	18	2	1	0.00	11.06	0
CO4838	CO4845	7.41	14 1-	4ACSR	0	0	598	150	122	18	13	0.02	11.04	5
CO4839	CO4838	7.44	12 1-	4ACSR	0	0	593	150	110	16	12	0.03	11.07	5
CO4836	CO4839	7.52	3 1-	4ACSR	0	0	584	149	24	3	3	0.01	11.08	0
CO4837	CO4836	7.54	1 1-	4ACSR	0	0	581	149	9	1	1	0.00	11.08	0
CO4803	CO4836	7.58	1 1-	4ACSR	0	0	576	149	6	0	1	0.00	11.08	0
CO4744	CO4839	7.55	7 1-	4ACSR	0	0	580	149	78	11	8	0.06	11.13	8
CO5032	CO4744	7.56	0 1-	4ACSR	0	0	579	149	0	0	0	0.00	11.13	0
OC133	CO5032	7.56	0 1-	50 L OCR	0	0	579	149	0	0	0	0.00	11.13	0
CO4818	CO4744	7.74	7 1-	4ACSR	0	0	557	147	78	11	8	0.10	11.23	14
CO4819	CO4818	7.82	7 1-	4ACSR	0	0	548	147	78	11	8	0.05	11.28	6
CO4820	CO4819	7.86	6 1-	4ACSR	0	0	544	146	78	11	8	0.01	11.29	0
CO4821	CO4820	7.88	3 1-	4ACSR	0	0	541	146	16	2	2	0.00	11.29	0
CO4830	CO4821	7.91	2 1-	2ACSR	0	0	539	146	15	2	1	0.00	11.29	0
CO4831	CO4830	7.92	2 1-	2ACSR	0	0	538	146	15	2	1	0.00	11.29	0
CO4832	CO4831	7.94	1 1-	2ACSR	0	0	536	146	0	0	0	0.00	11.29	0
CO4833	CO4832	8.06	1 1-	2ACSR	0	0	526	145	0	0	0	0.00	11.29	0
CO4834	CO4833	8.15	1 1-	2ACSR	0	0	519	145	0	0	0	0.00	11.29	0
CO5030	CO4834	8.27	0 1-	2ACSR	0	0	510	144	0	0	0	0.00	11.29	0
CO5031	CO5030	8.40	0 1-	2ACSR	0	0	501	143	0	0	0	0.00	11.29	0
CO4835	CO5031	8.47	0 1-	2ACSR	0	0	495	143	0	0	0	0.00	11.29	0
CO4822	CO4821	7.94	1 1-	2ACSR	0	0	537	146	0	0	0	0.00	11.29	0
CO4823	CO4822	7.99	1 1-	2ACSR	0	0	533	145	0	0	0	0.00	11.29	0
CO4824	CO4823	8.04	1 1-	2ACSR	0	0	528	145	0	0	0	0.00	11.29	0
CO4825	CO4824	8.06	1 1-	2ACSR	0	0	527	145	0	0	0	0.00	11.29	0
CO4826	CO4825	8.08	1 1-	2ACSR	0	0	525	145	0	0	0	0.00	11.29	0
CO4827	CO4826	8.18	1 1-	2ACSR	0	0	517	144	0	0	0	0.00	11.29	0
CO4828	CO4827	8.23	1 1-	2ACSR	0	0	513	144	0	0	0	0.00	11.29	0
CO4829	CO4828	8.28	1 1-	2ACSR	0	0	509	144	0	0	0	0.00	11.29	0
CO4795	CO4819	7.86	1 1-	500 MCM ACSR 30	0	0	546	146	0	0	0	0.00	11.28	0
CO4773	CO4847	7.37	1 1-	4ACSR	0	0	602	150	5	0	1	0.00	10.96	0
CO4771	CO4743	7.09	1 1-	4ACSR	0	0	642	153	1	0	0	0.00	10.37	0
CO4767	CO4873	6.42	3 1-	4ACSR	0	0	757	159	7	1	1	0.00	8.72	0
CO-1309827563	CO4767	6.57	1 1-	2ACSR	0	0	733	158	3	0	0	0.00	8.72	0
CO4780	CO4880	6.22	1 1-	4ACSR	0	0	796	161	8	1	1	0.00	8.22	0
CO4766	CO4880	6.21	1 1-	4ACSR	0	0	798	161	1	0	0	0.00	8.22	0
CO4944	CO4942	5.46	3 1-	4ACSR	0	0	977	168	21	3	2	0.00	5.96	0
CO4786	CO4944	5.54	2 1-	4ACSR	0	0	954	167	12	1	1	0.00	5.96	0
CO4945	CO4944	5.49	1 1-	4ACSR	0	0	967	168	9	1	1	0.00	5.96	0
NEWCAP-62FCC5B9	CO4942	5.43	0 3-	Capacitor	1410	1278	984	168	0	-13	0	0.00	5.95	0
CO4929	CO5036	4.28	2 1-	4ACSR	0	0	1185	170	4	0	0	0.00	5.07	0
CO4928	CO5036	4.29	1 1-	4ACSR	0	0	1181	170	10	1	1	0.00	5.07	0
CO4745	CO5036	4.34	44 1-	4ACSR	0	0	1160	170	331	47	34	0.25	5.32	134
CO4953	CO4745	4.44	9 1-	4ACSR	0	0	1122	169	65	9	7	0.03	5.35	3
CO4777	CO4953	4.51	3 1-	4ACSR	0	0	1095	168	24	3	2	0.01	5.36	0
CO4954	CO4953	4.50	1 1-	4ACSR	0	0	1099	168	11	1	1	0.00	5.36	0
CO4955	CO4954	4.58	1 1-	4ACSR	0	0	1069	167	11	1	1	0.00	5.36	0
CO4951	CO4745	4.39	2 1-	4ACSR	0	0	1141	169	32	4	3	0.01	5.33	0
CO4952	CO4951	4.43	1 1-	4ACSR	0	0	1126	169	14	2	1	0.00	5.33	0
CO4746	CO4745	4.46	29 1-	4ACSR	0	0	1114	168	214	30	22	0.16	5.48	54
CO17305	CO4746	4.51	26 1-	4ACSR	0	0	1092	168	194	27	20	0.07	5.55	22
OC-1937327248	CO17305	4.51	25 1-	20 N FUSE	0	0	1092	168	181	25	130	0.00	5.55	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4956	OC-1937327248	4.62	25 1-	4ACSR	0	0	1052	167	181	25	19	0.13	5.68	37
CO4752	CO4956	4.86	2 1-	4ACSR	0	0	972	164	15	2	2	0.02	5.70	0
CO4793	CO4752	4.91	2 1-	4ACSR	0	0	958	164	15	2	2	0.00	5.70	0
CO-1290982428	CO4793	4.95	1 1-	2ACSR	0	0	948	164	8	1	1	0.00	5.71	0
CO4957	CO4752	5.03	0 1-	4ACSR	0	0	921	163	0	0	0	0.00	5.70	0
CO4958	CO4957	5.10	0 1-	4ACSR	0	0	900	162	0	0	0	0.00	5.70	0
CO4959	CO4956	4.65	22 1-	4ACSR	0	0	1041	166	155	22	16	0.03	5.71	7
CO4960	CO4959	4.77	19 1-	4ACSR	0	0	1003	165	135	19	14	0.10	5.80	21
CO4961	CO4960	4.79	3 1-	4ACSR	0	0	994	165	12	1	1	0.00	5.80	0
CO4962	CO4961	4.81	1 1-	4ACSR	0	0	988	165	9	1	1	0.00	5.81	0
CO4963	CO4962	4.86	1 1-	4ACSR	0	0	972	164	9	1	1	0.00	5.81	0
CO4792	CO4963	4.91	0 1-	4ACSR	0	0	958	164	0	0	0	0.00	5.81	0
CO4964	CO4963	5.00	0 1-	4ACSR	0	0	931	163	0	0	0	0.00	5.81	0
CO4965	CO4964	5.11	0 1-	4ACSR	0	0	898	162	0	0	0	0.00	5.81	0
CO4751	CO4960	4.91	15 1-	4ACSR	0	0	958	164	112	16	12	0.10	5.91	19
CO4787	CO4751	4.98	2 1-	4ACSR	0	0	936	163	21	3	2	0.01	5.91	0
CO4966	CO4751	5.02	12 1-	4ACSR	0	0	925	163	87	12	9	0.05	5.96	7
CO4967	CO4966	5.06	9 1-	4ACSR	0	0	912	162	63	9	6	0.02	5.98	0
CO4788	CO4967	5.10	0 1-	4ACSR	0	0	902	162	0	0	0	0.00	5.98	0
CO4968	CO4967	5.11	8 1-	4ACSR	0	0	898	162	54	7	6	0.02	5.99	0
CO4969	CO4968	5.16	6 1-	4ACSR	0	0	883	161	43	6	4	0.01	6.01	0
CO4970	CO4969	5.23	4 1-	4ACSR	0	0	866	161	24	3	3	0.01	6.01	0
CO4975	CO4970	5.30	2 1-	4ACSR	0	0	848	160	20	2	2	0.01	6.02	0
CO4976	CO4975	5.33	1 1-	4ACSR	0	0	839	160	3	0	0	0.00	6.02	0
CO4971	CO4976	5.52	1 1-	4ACSR	0	0	794	158	3	0	0	0.00	6.02	0
CO4972	CO4971	5.64	1 1-	4ACSR	0	0	768	157	3	0	0	0.00	6.03	0
CO4973	CO4972	5.75	1 1-	4ACSR	0	0	746	156	3	0	0	0.00	6.03	0
CO4974	CO4973	5.80	1 1-	4ACSR	0	0	737	155	3	0	0	0.00	6.03	0
CO4977	CO4974	5.87	1 1-	4ACSR	0	0	723	155	3	0	0	0.00	6.03	0
CO4978	CO4977	5.93	1 1-	4ACSR	0	0	712	154	3	0	0	0.00	6.03	0
CO4789	CO4970	5.42	1 1-	4ACSR	0	0	819	159	0	0	0	0.00	6.01	0
CO4764	CO4738	4.23	0 1-	6ACWC	0	0	1190	170	0	0	0	0.00	4.99	0
NEWCAP-E865B087	CO4737	4.10	0 3-	Capacitor	1731	1578	1240	171	0	-14	0	0.00	4.96	0
CO4908	CO4735	4.00	6 1-	6ACWC	0	0	1255	171	6	0	1	0.00	4.85	0
CO4909	CO4908	4.14	6 1-	6ACWC	0	0	1191	170	6	0	1	0.01	4.85	0
OC-201403878	CO4909	4.14	6 1-	20 N FUSE	0	0	1191	170	6	0	5	0.00	4.85	0
CO4910	OC-201403878	4.36	6 1-	6ACWC	0	0	1101	167	6	0	1	0.01	4.86	0
CO4911	CO4910	4.50	6 1-	6ACWC	0	0	1048	166	6	0	1	0.01	4.87	0
CO4912	CO4911	4.81	5 1-	6ACWC	0	0	946	163	6	0	1	0.01	4.89	0
CO4913	CO4912	4.90	4 1-	6ACWC	0	0	920	162	6	0	1	0.00	4.89	0
CO4914	CO4913	5.09	2 1-	6ACSR	0	0	852	159	3	0	0	0.00	4.89	0
CO4915	CO4914	5.16	1 1-	6ACSR	0	0	828	158	0	0	0	0.00	4.89	0
CO4759	CO4913	5.23	2 1-	6ACSR	0	0	806	157	3	0	1	0.01	4.90	0
CO795361010	CO4759	5.61	2 1-	2ACSR	0	0	740	155	3	0	0	0.00	4.90	0
CO4760	CO4735	4.03	3 1-	6ACSR	0	0	1233	170	12	1	2	0.00	4.85	0
CO4899	CO5035	3.29	3 1-	6ACSR	0	0	1458	173	13	1	2	0.00	4.24	0
CO4900	CO4899	3.33	2 1-	6ACSR	0	0	1426	172	6	0	1	0.00	4.25	0
CO4901	CO4900	3.41	2 1-	6ACSR	0	0	1365	171	6	0	1	0.00	4.25	0
CO4902	CO4901	3.49	2 1-	6ACSR	0	0	1314	169	6	0	1	0.00	4.25	0
CO4800	CO4899	3.36	1 1-	6ACSR	0	0	1408	171	7	1	1	0.00	4.25	0
CO-1044522907	CO4894	2.94	1 1-	2ACSR	0	0	1593	174	8	1	1	0.00	3.90	0
CO724591412	CO-1044522907	2.97	1 1-	1/0PRIURD	0	0	1577	427	8	1	1	0.00	3.91	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4892	CO4747	2.84	1 1-	6ACWC	0	0	1626	174	13	1	1	0.00	3.81	0
CO4893	CO4892	2.87	1 1-	6ACWC	0	0	1601	173	13	1	1	0.00	3.81	0
CO4736	CO4887	2.75	5 3-	4ACSR	2200	2018	1648	173	20	1	1	0.00	3.68	0
CO4890	CO4736	2.91	1 3-	4ACSR	2047	1892	1527	172	6	0	0	0.00	3.68	0
CO4891	CO4890	2.94	0 3-	4ACSR	2017	1867	1504	171	0	0	0	0.00	3.68	0
CO4888	CO4736	2.84	0 1-	6ACWC	0	0	1582	172	0	0	0	0.00	3.68	0
CO4889	CO4888	2.89	0 1-	6ACWC	0	0	1539	172	0	0	0	0.00	3.68	0
CO4754	CO4885	2.62	1 1-	336 MCM ACSR 30	0	0	1741	174	5	0	0	0.00	3.57	0
CO4753	CO4885	2.62	0 1-	336 MCM ACSR 30	0	0	1741	174	0	0	0	0.00	3.57	0
OC1214124256	CO4753	2.62	0 1-	20 N FUSE	0	0	1741	174	0	0	0	0.00	3.57	0
CO-2027551947	CO5409	2.14	1 1-	2ACSR	0	0	1986	175	0	0	0	0.00	3.12	0
CO5412	CO5403	1.45	119 3-	336ACSR	3133	2952	2552	177	665	33	6	0.00	2.44	2
CO30693	CO5412	1.57	0 3-	336ACSR	3018	2835	2435	177	0	0	0	0.00	2.44	0
CO5413	CO5412	1.45	119 3-	336ACSR	3129	2947	2548	177	665	33	6	0.00	2.44	0
CO8318	CO5413	1.69	118 3-	336ACSR	2917	2733	2335	176	661	33	6	0.07	2.51	47
CO5516	CO8318	1.74	24 1-	4ACSR	0	0	2256	176	134	20	14	0.05	2.56	12
CO5554	CO5516	1.79	1 1-	4ACSR	0	0	2189	175	14	2	1	0.00	2.57	0
CO5712	CO5516	1.75	23 1-	4ACSR	0	0	2247	176	120	18	13	0.01	2.57	0
OC156	CO5712	1.75	23 1-	50 L OCR	0	0	2247	176	120	18	0	0.00	2.57	0
CO5713	OC156	1.77	23 1-	4ACSR	0	0	2223	176	120	18	13	0.01	2.58	3
CO5557	CO5713	1.81	1 1-	4ACSR	0	0	2159	175	6	0	1	0.00	2.58	0
CO5522	CO5713	2.03	22 1-	4ACSR	0	0	1885	173	114	17	12	0.21	2.79	38
CO371073868	CO5522	2.09	1 1-	1/0PRIURD	0	0	1843	424	9	1	1	0.00	2.79	0
CO5592	CO5522	2.11	19 1-	4ACSR	0	0	1796	172	83	12	9	0.05	2.84	7
CO5593	CO5592	2.22	18 1-	4ACSR	0	0	1681	171	83	12	9	0.07	2.90	9
CO5517	CO5593	2.34	8 1-	4ACSR	0	0	1571	169	39	5	4	0.03	2.94	0
CO5595	CO5517	2.44	6 1-	4ACSR	0	0	1493	168	33	5	4	0.02	2.96	0
CO5594	CO5595	2.51	5 1-	4ACSR	0	0	1439	168	28	4	3	0.01	2.97	0
CO5692	CO5594	2.52	5 1-	4ACSR	0	0	1429	168	28	4	3	0.00	2.97	0
CO5693	CO5692	2.60	4 1-	4ACSR	0	0	1372	167	15	2	2	0.01	2.98	0
CO1293243741	CO5693	2.76	0 1-	2ACSR	0	0	1293	166	0	0	0	0.00	2.98	0
CO5551	CO5693	2.68	3 1-	4ACSR	0	0	1320	166	15	2	2	0.00	2.99	0
CO5548	CO5693	2.69	1 1-	4ACSR	0	0	1317	166	0	0	0	0.00	2.98	0
CO5691	CO5517	2.45	1 1-	4ACSR	0	0	1485	168	2	0	0	0.00	2.94	0
CO8322	CO5691	2.53	0 1-	4ACSR	0	0	1421	167	0	0	0	0.00	2.94	0
CO5701	CO5593	2.26	10 1-	4ACSR	0	0	1650	170	43	6	5	0.01	2.91	0
CO5702	CO5701	2.35	10 1-	4ACSR	0	0	1563	169	43	6	5	0.03	2.94	2
CO5549	CO5702	2.40	0 1-	4ACSR	0	0	1524	169	0	0	0	0.00	2.94	0
CO5697	CO5702	2.38	10 1-	4ACSR	0	0	1543	169	43	6	5	0.01	2.95	0
CO5698	CO5697	2.47	10 1-	4ACSR	0	0	1468	168	43	6	5	0.03	2.98	0
CO5696	CO5698	2.55	9 1-	4ACSR	0	0	1409	167	43	6	5	0.02	3.00	0
CO5596	CO5696	2.59	8 1-	4ACSR	0	0	1384	167	39	5	4	0.01	3.01	0
CO5556	CO5596	2.62	1 1-	4ACSR	0	0	1361	167	3	0	0	0.00	3.02	0
CO5521	CO5596	2.62	7 1-	4ACSR	0	0	1360	167	36	5	4	0.01	3.02	0
CO5547	CO5521	2.67	0 1-	4ACSR	0	0	1329	166	0	0	0	0.00	3.02	0
CO5518	CO5521	2.66	7 1-	4ACSR	0	0	1337	166	36	5	4	0.01	3.03	0
CO5662	CO5518	2.77	3 1-	4ACSR	0	0	1268	165	30	4	3	0.02	3.05	0
CO5663	CO5662	2.89	1 1-	4ACSR	0	0	1198	164	14	2	2	0.01	3.06	0
CO5694	CO5518	2.91	4 1-	4ACSR	0	0	1187	164	6	0	1	0.01	3.04	0
CO1651118997	CO5694	2.97	0 1-	2ACSR	0	0	1166	163	0	0	0	0.00	3.04	0
CO5695	CO5694	3.06	3 1-	4ACSR	0	0	1116	162	3	0	0	0.00	3.04	0
CO5566	CO5695	3.10	1 1-	2ACSR	0	0	1101	162	0	0	0	0.00	3.04	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5565	CO5695	3.10	2 1-	4ACSR	0	0	1096	162	3	0	0	0.00	3.04	0
CO5562	CO5696	2.58	1 1-	2ACSR	0	0	1394	167	3	0	0	0.00	3.00	0
CO5550	CO5522	2.09	1 1-	4ACSR	0	0	1812	172	11	1	1	0.00	2.79	0
CO-2040412379	CO5550	2.14	0 1-	2ACSR	0	0	1776	172	0	0	0	0.00	2.79	0
CO5515	CO8318	1.75	94 3-	336ACSR	2867	2683	2286	176	527	26	5	0.01	2.53	8
CO5676	CO5515	1.79	2 1-	336 MCM ACSR 30	0	0	2261	176	9	1	0	0.00	2.53	0
OC-710506034	CO5676	1.79	1 1-	20 N FUSE	0	0	2261	176	2	0	1	0.00	2.53	0
CO5677	OC-710506034	1.86	1 1-	336 MCM ACSR 30	0	0	2208	176	2	0	0	0.00	2.53	0
CO5639	CO5515	1.92	92 3-	336 MCM ACSR 30	2742	2558	2165	176	518	26	5	0.04	2.57	20
CO5641	CO5639	2.02	92 3-	336 MCM ACSR 30	2673	2489	2098	176	518	26	5	0.02	2.59	12
CO5640	CO5641	2.09	91 3-	336 MCM ACSR 30	2625	2442	2053	176	512	25	5	0.02	2.60	8
CO5514	CO5640	2.15	88 3-	336ACSR	2586	2404	2017	175	487	24	5	0.01	2.62	6
CO5659	CO5514	2.17	85 3-	336ACSR	2571	2389	2003	175	470	23	5	0.01	2.62	2
CO8313	CO5659	2.40	85 3-	336ACSR	2431	2252	1874	175	470	23	5	0.05	2.67	22
CO5275	CO8313	2.72	84 3-	336ACSR	2259	2084	1719	174	456	22	4	0.07	2.74	30
CO5224	CO5275	2.97	84 3-	336ACSR	2144	1973	1618	174	456	22	4	0.05	2.79	23
CO5288	CO5224	2.97	11 1-	4ACSR	0	0	1613	174	57	8	6	0.00	2.79	0
OC139	CO5288	2.97	11 1-	50 H OCR	0	0	1613	174	57	8	17	0.00	2.79	0
CO5289	OC139	3.51	11 1-	4ACSR	0	0	1268	168	57	8	6	0.21	3.00	20
CO5221	CO5289	3.56	2 1-	4ACSR	0	0	1244	168	5	0	1	0.00	3.00	0
CO5222	CO5221	3.65	2 1-	4ACSR	0	0	1198	167	5	0	1	0.00	3.01	0
CO5223	CO5222	3.67	1 1-	4ACSR	0	0	1189	166	5	0	1	0.00	3.01	0
CO8302	CO5223	3.80	0 1-	4ACSR	0	0	1126	165	0	0	0	0.00	3.01	0
CO5094	CO5223	3.80	1 1-	4ACSR	0	0	1126	165	5	0	1	0.00	3.01	0
CO5219	CO5289	3.56	8 1-	4ACSR	0	0	1240	168	47	7	5	0.02	3.02	0
CO5220	CO5219	3.63	6 1-	4ACSR	0	0	1207	167	41	6	4	0.02	3.04	0
CO5216	CO5220	3.68	5 1-	4ACSR	0	0	1184	166	34	5	4	0.01	3.05	0
CO5217	CO5216	3.75	5 1-	4ACSR	0	0	1150	166	34	5	4	0.02	3.06	0
CO5218	CO5217	4.13	5 1-	4ACSR	0	0	995	162	34	5	4	0.09	3.16	5
CO5215	CO5218	4.20	4 1-	4ACSR	0	0	970	161	33	4	4	0.02	3.17	0
CO5213	CO5215	4.24	2 1-	4ACSR	0	0	959	161	28	4	3	0.01	3.18	0
CO5214	CO5213	4.32	1 1-	4ACSR	0	0	931	160	24	3	3	0.01	3.19	0
CO5095	CO5215	4.44	1 1-	4ACSR	0	0	895	159	1	0	0	0.00	3.17	0
CO5052	CO5224	3.11	73 3-	336ACSR	2080	1911	1562	174	398	20	4	0.03	2.81	11
CO5059	CO5052	3.19	16 3-	336ACSR	2050	1882	1536	173	41	2	0	0.00	2.81	0
CO5227	CO5059	3.24	10 1-	4ACSR	0	0	1500	173	28	4	3	0.01	2.82	0
OC-1974721792	CO5227	3.24	10 1-	20 N FUSE	0	0	1500	173	28	4	21	0.00	2.82	0
CO5228	OC-1974721792	3.26	10 1-	4ACSR	0	0	1489	173	28	4	3	0.00	2.83	0
CO5229	CO5228	3.28	10 1-	4ACSR	0	0	1475	172	28	4	3	0.00	2.83	0
CO5230	CO5229	3.31	8 1-	4ACSR	0	0	1452	172	16	2	2	0.00	2.83	0
CO5231	CO5230	3.40	7 1-	4ACSR	0	0	1399	171	7	1	1	0.00	2.84	0
CO5232	CO5231	3.49	7 1-	4ACSR	0	0	1344	170	7	1	1	0.00	2.84	0
CO5233	CO5232	3.54	7 1-	4ACSR	0	0	1317	170	7	1	1	0.00	2.85	0
CO8311	CO5233	3.59	7 1-	4ACSR	0	0	1291	169	7	1	1	0.00	2.85	0
CO5660	CO8311	3.67	6 1-	4ACSR	0	0	1248	168	7	1	1	0.00	2.85	0
CO5661	CO5660	3.87	5 1-	4ACSR	0	0	1150	166	7	1	1	0.01	2.86	0
CO5626	CO5661	3.92	2 1-	4ACSR	0	0	1129	166	3	0	0	0.00	2.86	0
CO5627	CO5626	3.97	2 1-	4ACSR	0	0	1106	165	3	0	0	0.00	2.86	0
CO5589	CO5661	4.09	1 1-	4ACSR	0	0	1060	164	4	0	0	0.01	2.87	0
CO5591	CO5589	4.18	1 1-	4ACSR	0	0	1024	163	4	0	0	0.00	2.87	0
CO5590	CO5591	4.25	1 1-	4ACSR	0	0	998	162	4	0	0	0.00	2.87	0
CO5225	CO5059	3.22	3 1-	4ACSR	0	0	1512	173	10	1	1	0.00	2.82	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5226	CO5225	3.26	1 1-	4ACSR	0	0	1489	173	4	0	0	0.00	2.82	0
CO5086	CO5059	3.42	1 1-	4ACSR	0	0	1385	171	3	0	0	0.00	2.82	0
OC445373381	CO5086	3.42	0 1-	20 N FUSE	0	0	1385	171	0	0	0	0.00	2.82	0
CO5057	CO5052	3.31	57 3-	336ACSR	2001	1836	1495	173	357	17	3	0.03	2.84	11
CO5058	CO5057	3.35	57 3-	336ACSR	1984	1819	1480	173	357	17	3	0.01	2.85	3
CO5234	CO5058	3.40	1 1-	336 MCM ACSR 30	0	0	1465	173	1	0	0	0.00	2.85	0
OC-802813206	CO5234	3.40	1 1-	20 N FUSE	0	0	1465	173	1	0	1	0.00	2.85	0
CO5235	OC-802813206	3.47	1 1-	336 MCM ACSR 30	0	0	1443	173	1	0	0	0.00	2.85	0
CO5060	CO5058	3.45	56 3-	336ACSR	1946	1783	1448	173	356	17	3	0.02	2.87	6
CO5236	CO5060	3.56	55 3-	336ACSR	1907	1746	1415	173	345	17	3	0.02	2.88	6
CO5238	CO5236	3.64	55 3-	336ACSR	1879	1719	1391	173	345	17	3	0.01	2.90	4
CO5237	CO5238	3.75	54 3-	336ACSR	1843	1684	1361	172	345	17	3	0.02	2.91	6
CO5246	CO5237	3.89	54 3-	336ACSR	1797	1641	1323	172	345	17	3	0.02	2.93	8
CO5245	CO5246	3.91	54 3-	336ACSR	1791	1637	1318	172	345	17	3	0.00	2.94	0
CO5244	CO5245	3.93	54 3-	336ACSR	1784	1631	1312	172	345	17	3	0.00	2.94	0
CO5243	CO5244	3.98	53 3-	336ACSR	1767	1615	1298	172	325	16	3	0.01	2.95	3
SW-637280452-B	CO5243	3.98	52 3-	Closed	1767	1615	1298	172	319	16	0	0.00	2.95	0
SW-637280452-A	SW-637280452-B	3.98	52 3-	Closed	1767	1615	1298	172	319	16	0	0.00	2.95	0
CO5252	SW-637280452-A	4.12	52 3-	336ACSR	1725	1577	1264	172	319	16	3	0.02	2.97	6
CO5251	CO5252	4.14	51 3-	336ACSR	1720	1572	1260	171	319	16	3	0.00	2.97	0
CO5250	CO5251	4.19	51 3-	336ACSR	1705	1558	1247	171	319	16	3	0.01	2.98	2
CO5249	CO5250	4.22	50 3-	336ACSR	1697	1551	1241	171	303	15	3	0.00	2.98	0
CO5254	CO5249	4.29	48 3-	336ACSR	1677	1533	1224	171	293	14	3	0.01	2.99	3
CO5253	CO5254	4.35	48 3-	336ACSR	1661	1518	1211	171	293	14	3	0.01	3.00	2
CO5286	CO5253	4.36	20 1-	4ACSR	0	0	1208	171	140	21	15	0.01	3.01	0
OC140	CO5286	4.36	20 1-	70 L OCR	0	0	1208	171	140	21	30	0.00	3.01	0
CO5287	OC140	4.48	20 1-	4ACSR	0	0	1156	170	140	21	15	0.13	3.13	30
CO5260	CO5287	4.61	20 1-	4ACSR	0	0	1108	168	140	21	15	0.12	3.25	28
CO5261	CO5260	4.75	19 1-	4ACSR	0	0	1055	167	132	19	14	0.14	3.39	30
CO5093	CO5261	4.83	1 1-	4ACSR	0	0	1027	166	14	2	1	0.00	3.39	0
CO5053	CO5261	4.84	18 1-	4ACSR	0	0	1022	166	118	17	13	0.08	3.47	16
CO5055	CO5053	4.96	11 1-	4ACSR	0	0	983	165	84	12	9	0.07	3.54	10
CO5262	CO5055	5.05	8 1-	4ACSR	0	0	956	164	60	9	6	0.04	3.58	4
CO5263	CO5262	5.07	8 1-	4ACSR	0	0	948	164	60	9	6	0.01	3.59	0
CO5264	CO5263	5.13	7 1-	4ACSR	0	0	930	163	52	7	6	0.02	3.61	0
CO5265	CO5264	5.16	6 1-	4ACSR	0	0	923	163	42	6	5	0.01	3.61	0
CO5266	CO5265	5.19	5 1-	4ACSR	0	0	915	162	31	4	3	0.01	3.62	0
CO5267	CO5266	5.22	4 1-	4ACSR	0	0	905	162	25	3	3	0.01	3.63	0
CO5268	CO5267	5.28	4 1-	4ACSR	0	0	887	162	25	3	3	0.01	3.64	0
CO5269	CO5268	5.35	3 1-	4ACSR	0	0	868	161	21	3	2	0.01	3.65	0
CO5270	CO5269	5.40	2 1-	4ACSR	0	0	856	160	21	3	2	0.01	3.65	0
CO5271	CO5270	5.45	1 1-	4ACSR	0	0	844	160	10	1	1	0.00	3.66	0
CO5090	CO5055	5.03	3 1-	4ACSR	0	0	960	164	25	3	3	0.01	3.55	0
CO5092	CO5090	5.08	2 1-	4ACSR	0	0	946	164	15	2	2	0.00	3.56	0
CO5091	CO5090	5.08	1 1-	4ACSR	0	0	946	164	9	1	1	0.00	3.55	0
CO5054	CO5053	4.94	6 1-	4ACSR	0	0	990	165	29	4	3	0.02	3.49	0
CO5089	CO5054	5.01	2 1-	4ACSR	0	0	968	164	8	1	1	0.00	3.49	0
CO5088	CO5054	5.01	2 1-	4ACSR	0	0	968	164	12	1	1	0.00	3.49	0
CO5256	CO5253	4.38	28 3-	336ACSR	1654	1511	1205	171	153	7	1	0.00	3.00	0
CO5255	CO5256	4.53	28 3-	336ACSR	1615	1476	1174	171	153	7	1	0.01	3.01	0
CO8307	CO5255	4.87	2 1-	4ACSR	0	0	1045	167	5	0	1	0.01	3.02	0
OC-818373937	CO8307	4.87	2 1-	20 N FUSE	0	0	1045	167	5	0	4	0.00	3.02	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5628	OC-818373937	4.94	1 1-	4ACSR	0	0	1021	166	3	0	0	0.00	3.03	0
CO5629	CO5628	5.01	1 1-	4ACSR	0	0	997	166	3	0	0	0.00	3.03	0
CO5513	OC-818373937	4.99	1 1-	4ACSR	0	0	1005	166	2	0	0	0.00	3.02	0
CO5258	CO5255	4.59	26 3-	336ACSR	1600	1462	1162	171	148	7	1	0.00	3.02	0
CO5257	CO5258	4.65	26 3-	336ACSR	1583	1446	1148	170	148	7	1	0.00	3.02	0
CO5259	CO5257	4.73	26 3-	336ACSR	1564	1429	1133	170	148	7	1	0.01	3.02	0
CO8312	CO5259	5.14	24 3-	336ACSR	1473	1346	1060	169	134	6	1	0.02	3.05	3
CO5587	CO8312	5.36	23 3-	336ACSR	1426	1303	1023	169	130	6	1	0.01	3.06	0
CO-1859020918	CO5587	5.49	22 3-	2ACSR	1380	1265	989	168	129	6	4	0.02	3.09	5
CO1555463764	CO-1859020918	5.55	22 3-	2ACSR	1361	1248	975	168	129	6	4	0.01	3.10	2
CO5586	CO1555463764	5.64	21 3-	336ACSR	1344	1233	962	167	115	5	1	0.00	3.10	0
CO5585	CO5586	5.69	21 3-	336ACSR	1336	1225	956	167	115	5	1	0.00	3.10	0
CO5512	CO5585	5.83	15 3-	336ACSR	1313	1204	938	167	83	4	1	0.00	3.11	0
CO5625	CO5512	5.88	3 1-	4ACSR	0	0	923	166	9	1	1	0.00	3.11	0
OC1562225337	CO5625	5.88	3 1-	20 N FUSE	0	0	923	166	9	1	7	0.00	3.11	0
CO5624	OC1562225337	5.91	2 1-	4ACSR	0	0	915	166	3	0	0	0.00	3.11	0
CO2074732033	CO5624	5.97	1 1-	2ACSR	0	0	902	166	0	0	0	0.00	3.11	0
CO1890756962	CO2074732033	6.03	1 1-	2ACSR	0	0	889	165	0	0	0	0.00	3.11	0
CO-1901535915	CO1890756962	6.09	1 1-	2ACSR	0	0	877	165	0	0	0	0.00	3.11	0
CO5546	OC1562225337	5.91	1 1-	4ACSR	0	0	917	166	5	0	1	0.00	3.11	0
CO5509	CO5512	6.08	11 3-	336ACSR	1271	1166	905	166	70	3	1	0.01	3.12	0
AU133034184+	CO5509	6.08	7 3-	99 KVA 1PH AUTO	170	166	154	136	43	2	16	0.25	3.37	0
CO5508+	AU133034184	6.16	7 3-	336ACSR	170	165	154	136	43	1	0	0.00	3.37	0
CO5687+	CO5508	6.28	1 1-	4ACSR	0	0	154	136	8	0	0	0.00	3.37	0
OC-906280049+	CO5687	6.28	0 1-	20 N FUSE	0	0	154	136	0	0	0	0.00	3.37	0
CO5688+	OC-906280049	6.62	0 1-	4ACSR	0	0	153	135	0	0	0	0.00	3.37	0
CO5511+	CO5508	6.29	2 3-	336ACSR	170	165	154	136	10	0	0	0.00	3.37	0
CO5582+	CO5511	6.38	0 3-	336ACSR	170	165	154	136	0	0	0	0.00	3.37	0
CO5705+	CO5582	6.42	0 3-	336ACSR	170	165	153	136	0	0	0	0.00	3.37	0
OC-1438472691	CO5705	6.42	0 3-	20 N FUSE	170	165	153	136	0	0	0	122.63	126.00	0
CO5540+	CO5511	6.38	2 1-	4ACSR	0	0	153	136	10	0	1	0.00	3.37	0
OC-506365641+	CO5540	6.38	0 1-	20 N FUSE	0	0	153	136	0	0	0	0.00	3.37	0
CO5689+	CO5508	6.27	3 1-	4ACSR	0	0	154	136	23	1	1	0.00	3.37	0
OC-1244311342+	CO5689	6.27	2 1-	20 N FUSE	0	0	154	136	19	1	7	0.00	3.37	0
CO5690+	OC-1244311342	6.36	2 1-	4ACSR	0	0	153	136	19	1	1	0.00	3.37	0
CO5619+	CO5690	6.41	1 1-	4ACSR	0	0	153	135	15	1	1	0.00	3.37	0
CO362691026	CO5509	6.13	2 1-	2ACSR	0	0	895	166	12	1	1	0.00	3.12	0
CO580271455	CO362691026	6.15	2 1-	2ACSR	0	0	891	166	12	1	1	0.00	3.12	0
CO5722	CO5509	6.15	2 1-	4ACSR	0	0	888	166	16	2	2	0.01	3.12	0
OC-1952577528	CO5722	6.15	1 1-	20 N FUSE	0	0	888	166	12	1	9	0.00	3.12	0
CO5543	OC-1952577528	6.20	1 1-	4ACSR	0	0	876	165	12	1	1	0.00	3.13	0
CO-884927264	CO5585	5.72	6 1-	2ACSR	0	0	948	167	32	4	3	0.01	3.11	0
CO1329109554	CO-884927264	5.79	5 1-	2ACSR	0	0	933	167	21	3	2	0.01	3.12	0
CO5541	CO1329109554	5.86	1 1-	4ACSR	0	0	914	166	0	0	0	0.00	3.12	0
CO5714	CO1329109554	5.80	4 1-	4ACSR	0	0	931	166	21	3	2	0.00	3.12	0
OC154	CO5714	5.80	4 1-	50 L OCR	0	0	931	166	21	3	0	0.00	3.12	0
CO5715	OC154	5.87	4 1-	4ACSR	0	0	912	166	21	3	2	0.01	3.13	0
CO5584	CO5715	6.09	4 1-	4ACSR	0	0	857	164	21	3	2	0.03	3.16	0
CO5583	CO5584	6.42	4 1-	4ACSR	0	0	784	160	21	3	2	0.05	3.21	0
CO5686	CO5583	6.50	2 1-	4ACSR	0	0	767	159	9	1	1	0.01	3.22	0
CO5718	CO5686	6.51	2 1-	4ACSR	0	0	765	159	9	1	1	0.00	3.22	0
CO5621	CO5718	6.56	1 1-	4ACSR	0	0	756	159	0	0	0	0.00	3.22	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5620	CO5621	6.68	1 1-	4ACSR	0	0	734	158	0	0	0	0.00	3.22	0
CO5544	CO5718	6.55	1 1-	4ACSR	0	0	759	159	9	1	1	0.00	3.22	0
CO5717	CO5583	6.76	2 1-	4ACSR	0	0	719	157	12	1	1	0.03	3.24	0
CO5598	CO5717	6.91	2 1-	4ACSR	0	0	692	156	12	1	1	0.01	3.25	0
CO5716	CO5598	7.15	2 1-	4ACSR	0	0	654	154	12	1	1	0.02	3.27	0
CO5672	CO5716	7.42	2 1-	4ACSR	0	0	616	151	12	1	1	0.02	3.30	0
CO5673	CO5672	7.53	2 1-	4ACSR	0	0	601	150	12	1	1	0.01	3.31	0
CO5623	CO5673	7.55	1 1-	4ACSR	0	0	598	150	10	1	1	0.00	3.31	0
CO5622	CO5623	7.58	1 1-	4ACSR	0	0	595	150	10	1	1	0.00	3.31	0
CO5542	CO5673	7.67	1 1-	4ACSR	0	0	583	149	2	0	0	0.00	3.31	0
CO788885993	CO-884927264	5.76	1 1-	2ACSR	0	0	939	167	11	1	1	0.00	3.11	0
CO5561	CO1555463764	5.63	1 1-	2ACSR	0	0	956	167	13	1	1	0.00	3.10	0
OC341510529	CO5561	5.63	0 1-	20 N FUSE	0	0	956	167	0	0	0	0.00	3.10	0
CO1002566554	CO-1859020918	5.57	0 3-	2ACSR	1355	1243	971	167	0	0	0	0.00	3.09	0
CO5563	CO5587	5.44	1 1-	2ACSR	0	0	1004	168	2	0	0	0.00	3.06	0
OC2067879718	CO5563	5.44	0 1-	20 N FUSE	0	0	1004	168	0	0	0	0.00	3.06	0
CO-1751459849	CO5259	4.79	1 1-	2ACSR	0	0	1113	170	9	1	1	0.00	3.03	0
CO5087	CO5249	4.29	2 1-	336 MCM ACSR 30	0	0	1225	171	9	1	0	0.00	2.98	0
OC-292748679	CO5087	4.29	0 1-	20 N FUSE	0	0	1225	171	0	0	0	0.00	2.98	0
CO5247	CO5243	4.01	1 1-	4ACSR	0	0	1286	172	6	0	1	0.00	2.95	0
OC693110567	CO5247	4.01	1 1-	20 N FUSE	0	0	1286	172	6	0	4	0.00	2.95	0
CO5248	OC693110567	4.06	1 1-	4ACSR	0	0	1263	171	6	0	1	0.00	2.95	0
CO5239	CO5237	3.78	0 1-	336ACSR	0	0	1352	172	0	0	0	0.00	2.91	0
OC1052710764	CO5239	3.78	0 1-	20 N FUSE	0	0	1352	172	0	0	0	0.00	2.91	0
CO5240	OC1052710764	3.84	0 1-	336ACSR	0	0	1335	172	0	0	0	0.00	2.91	0
CO5241	CO5240	3.89	0 1-	336ACSR	0	0	1323	172	0	0	0	0.00	2.91	0
CO5242	CO5241	3.95	0 1-	336ACSR	0	0	1306	172	0	0	0	0.00	2.91	0
CO5101	CO5237	3.78	0 1-	4ACSR	0	0	1342	172	0	0	0	0.00	2.91	0
OC688918135	CO5101	3.78	0 1-	20 N FUSE	0	0	1342	172	0	0	0	0.00	2.91	0
CO5102	CO5060	3.48	1 1-	4ACSR	0	0	1429	173	11	1	1	0.00	2.87	0
OC-1897931575	CO5102	3.48	0 1-	20 N FUSE	0	0	1429	173	0	0	0	0.00	2.87	0
CO5552	CO5514	2.22	1 1-	336 MCM ACSR 30	0	0	1976	175	0	0	0	0.00	2.62	0
OC-414635908	CO5552	2.22	0 1-	20 N FUSE	0	0	1976	175	0	0	0	0.00	2.62	0
CO5703	CO5640	2.13	1 1-	336 MCM ACSR 30	0	0	2031	176	13	2	0	0.00	2.61	0
OC-1355861340	CO5703	2.13	1 1-	20 N FUSE	0	0	2031	176	13	2	10	0.00	2.61	0
CO5719	OC-1355861340	2.18	1 1-	336 MCM ACSR 30	0	0	2004	175	13	2	0	0.00	2.61	0
CO5461	CO5413	1.50	1 1-	336 MCM ACSR 30	0	0	2504	177	4	0	0	0.00	2.44	0
OC1909251800	CO5461	1.50	1 1-	20 N FUSE	0	0	2504	177	4	0	3	0.00	2.44	0
CO5460	OC1909251800	1.52	1 1-	336 MCM ACSR 30	0	0	2483	177	4	0	0	0.00	2.44	0
CO5400	CO5300	1.36	43 1-	4ACSR	0	0	2612	177	280	42	30	0.05	2.36	24
CO5399	CO5400	1.46	41 1-	4ACSR	0	0	2431	176	266	40	29	0.19	2.55	85
CO5350	CO5399	1.53	2 1-	4ACSR	0	0	2318	175	8	1	1	0.00	2.55	0
CO5483	CO5399	1.47	39 1-	4ACSR	0	0	2419	176	258	38	28	0.01	2.56	5
OC142	CO5483	1.47	39 1-	50 H OCR	0	0	2419	176	258	38	78	0.00	2.56	0
CO5484	OC142	1.51	39 1-	4ACSR	0	0	2350	175	258	38	28	0.08	2.63	32
CO5414	CO5484	1.55	38 1-	4ACSR	0	0	2288	175	254	38	27	0.07	2.70	29
CO5333	CO5414	1.59	1 1-	4ACSR	0	0	2224	174	12	1	1	0.00	2.70	0
CO5397	CO5414	1.58	37 1-	4ACSR	0	0	2246	174	242	36	26	0.05	2.75	19
CO5398	CO5397	1.62	37 1-	4ACSR	0	0	2184	174	242	36	26	0.07	2.82	27
CO5396	CO5398	1.71	36 1-	4ACSR	0	0	2047	173	229	34	25	0.16	2.97	60
CO5393	CO5396	1.79	33 1-	4ACSR	0	0	1944	172	211	31	23	0.12	3.09	42
CO5392	CO5393	1.85	33 1-	4ACSR	0	0	1866	171	211	31	23	0.10	3.19	34

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5391	CO5392	1.94	32 1-	4ACSR	0	0	1765	171	211	31	23	0.13	3.32	48
CO5394	CO5391	1.96	32 1-	4ACSR	0	0	1746	170	210	31	23	0.03	3.35	9
CO5395	CO5394	1.99	30 1-	4ACSR	0	0	1715	170	203	30	22	0.04	3.39	14
CO5334	CO5395	2.05	2 1-	4ACSR	0	0	1655	169	22	3	2	0.00	3.40	0
CO5481	CO5395	2.14	27 1-	4ACSR	0	0	1570	168	171	25	18	0.18	3.57	52
CO5390	CO5481	2.20	25 1-	4ACSR	0	0	1517	168	153	23	17	0.07	3.64	18
CO5335	CO5390	2.25	1 1-	4ACSR	0	0	1474	167	12	1	1	0.00	3.64	0
CO5304	CO5390	2.27	24 1-	4ACSR	0	0	1460	167	141	21	15	0.07	3.71	17
CO5314	CO5304	2.31	19 1-	4ACSR	0	0	1433	167	120	18	13	0.03	3.74	6
CO5355	CO5314	2.41	1 1-	4ACSR	0	0	1359	166	1	0	0	0.00	3.74	0
CO5313	CO5314	2.45	17 1-	4ACSR	0	0	1333	165	116	17	13	0.12	3.86	24
CO5337	CO5313	2.50	1 1-	4ACSR	0	0	1302	165	10	1	1	0.00	3.87	0
CO5303	CO5313	2.66	16 1-	4ACSR	0	0	1205	163	106	16	12	0.16	4.03	30
CO5302	CO5303	2.87	12 1-	4ACSR	0	0	1098	161	78	11	8	0.11	4.14	14
CO5388	CO5302	2.93	7 1-	4ACSR	0	0	1072	161	61	9	7	0.03	4.17	3
CO5387	CO5388	2.96	6 1-	4ACSR	0	0	1060	160	61	9	7	0.01	4.18	0
CO5389	CO5387	2.98	5 1-	4ACSR	0	0	1053	160	61	9	7	0.01	4.19	0
CO5356	CO5389	3.01	1 1-	4ACSR	0	0	1040	160	29	4	3	0.00	4.19	0
CO5421	CO5389	2.99	4 1-	4ACSR	0	0	1046	160	32	4	4	0.00	4.19	0
CO5420	CO5421	3.02	4 1-	4ACSR	0	0	1035	160	32	4	4	0.01	4.20	0
CO5351	CO5420	3.06	1 1-	4ACSR	0	0	1020	160	0	0	0	0.00	4.20	0
CO5312	CO5420	3.11	3 1-	4ACSR	0	0	999	159	32	4	4	0.02	4.22	0
CO5339	CO5312	3.21	1 1-	4ACSR	0	0	964	158	14	2	2	0.00	4.22	0
CO-399067886	CO5312	3.16	2 1-	2ACSR	0	0	984	159	18	2	2	0.00	4.22	0
CO1013259010	CO-399067886	3.18	2 1-	2ACSR	0	0	978	159	18	2	2	0.00	4.22	0
CO5362	CO1013259010	3.24	1 1-	2ACSR	0	0	963	158	7	1	1	0.00	4.23	0
CO5499	CO1013259010	3.56	1 1-	4ACSR	0	0	857	155	11	1	1	0.03	4.26	0
CO5382	CO5499	3.65	1 1-	4ACSR	0	0	831	154	11	1	1	0.01	4.26	0
CO5381	CO5382	3.83	1 1-	4ACSR	0	0	785	153	11	1	1	0.01	4.28	0
CO5383	CO5381	3.91	1 1-	4ACSR	0	0	766	152	11	1	1	0.01	4.28	0
CO5380	CO5383	4.03	1 1-	4ACSR	0	0	739	151	11	1	1	0.01	4.29	0
CO5384	CO5380	4.20	1 1-	4ACSR	0	0	706	150	11	1	1	0.01	4.31	0
CO5379	CO5384	4.26	1 1-	4ACSR	0	0	694	149	11	1	1	0.01	4.31	0
CO5385	CO5379	4.34	1 1-	4ACSR	0	0	678	148	11	1	1	0.01	4.32	0
CO5378	CO5385	4.42	1 1-	4ACSR	0	0	664	148	11	1	1	0.01	4.33	0
CO5386	CO5378	4.59	1 1-	4ACSR	0	0	637	147	11	1	1	0.01	4.34	0
CO5377	CO5386	4.69	1 1-	4ACSR	0	0	622	146	11	1	1	0.00	4.34	0
CO5338	CO5302	2.93	3 1-	4ACSR	0	0	1072	161	5	0	1	0.00	4.14	0
CO5459	CO5303	2.76	3 1-	4ACSR	0	0	1152	162	28	4	3	0.02	4.05	0
CO5458	CO5459	2.81	2 1-	4ACSR	0	0	1129	162	18	2	2	0.00	4.05	0
CO5456	CO5304	2.34	5 1-	4ACSR	0	0	1410	166	21	3	2	0.01	3.72	0
CO5336	CO5456	2.37	3 1-	4ACSR	0	0	1384	166	13	2	1	0.00	3.72	0
CO5457	CO5456	2.37	1 1-	4ACSR	0	0	1383	166	8	1	1	0.00	3.72	0
CO437552857	CO5481	2.27	1 1-	2ACSR	0	0	1481	168	7	1	1	0.00	3.58	0
CO5455	CO5396	1.75	3 1-	4ACSR	0	0	1999	173	18	2	2	0.00	2.98	0
CO5454	CO5455	1.80	2 1-	4ACSR	0	0	1923	172	14	2	2	0.00	2.98	0
CO-1312843299	CO-1660857539	0.00	642 3-	500 MCM ACSR 30	5512	5751	5816	180	4416	196	28	0.00	0.00	3
Blue Bank	CO-1312843299	0.00	642 3-	560 200WVE	5512	5751	5816	180	4416	196	35	0.00	0.00	0
CO1769567024	Blue Bank	0.00	642 3-	500 MCM ACSR 30	5510	5748	5813	180	4416	196	28	0.00	0.00	3
CO-1952292198	CO1769567024	0.01	642 3-	336ACSR	5489	5706	5771	180	4416	196	38	0.01	0.01	51
CO-1291772028	CO-1952292198	0.03	642 3-	336ACSR	5432	5594	5657	180	4416	196	38	0.02	0.04	144

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2080275668	CO-1291772028	0.09	642 3-	336ACSR	5276	5324	5359	180	4415	196	38	0.07	0.11	402
CO1062602769	CO2080275668	0.15	642 3-	336ACSR	5128	5148	5089	179	4413	196	38	0.07	0.18	403
CO28398208	CO1062602769	0.16	642 3-	336ACSR	5103	5118	5044	179	4412	196	38	0.01	0.19	70
CO898629534	CO28398208	0.19	642 3-	336ACSR	5037	5040	4945	179	4411	196	38	0.03	0.22	189
SW-166854633-B	CO898629534	0.19	642 3-	Closed	5037	5040	4945	179	4410	196	0	0.00	0.22	0
SW-166854633-A	SW-166854633-B	0.19	642 3-	Closed	5037	5040	4945	179	4410	196	0	0.00	0.22	0
CO1612322580	SW-166854633-A	0.20	642 3-	336ACSR	4998	4993	4886	179	4410	196	38	0.02	0.24	115
CO-1131954798	CO1612322580	0.23	0 3-	336ACSR	4942	4928	4791	179	0	0	0	0.00	0.24	0
SW1577090571-B	CO-1131954798	0.23	0 3-	Open	4942	4928	4791	179	0	0	0	0.00	0.24	0
CO-774506312	CO1612322580	0.24	642 3-	336ACSR	4908	4888	4733	179	4410	196	38	0.05	0.29	268
CO5478	CO-774506312	0.28	1 1-	2ACSR	0	0	4538	179	28	3	2	0.00	0.29	0
OC-2036552216	CO5478	0.28	0 1-	20 N FUSE	0	0	4538	179	0	0	0	0.00	0.29	0
CO5466	CO-774506312	0.32	2 1-	4ACSR	0	0	4335	178	15	2	1	0.01	0.29	0
OC1592248314	CO5466	0.32	1 1-	20 N FUSE	0	0	4335	178	14	1	9	0.00	0.29	0
CO5467	OC1592248314	0.41	1 1-	4ACSR	0	0	3914	177	14	1	1	0.00	0.30	0
CO5435	CO-774506312	0.39	639 3-	336ACSR	4588	4517	4286	179	4365	194	37	0.18	0.46	1017
CO5434	CO5435	0.53	639 3-	336ACSR	4328	4224	3943	179	4360	194	37	0.16	0.62	930
CO1705855636	CO5434	0.58	0 1-	2ACSR	0	0	3775	178	0	0	0	0.00	0.62	0
OC78394041	CO1705855636	0.58	0 1-	20 N FUSE	0	0	3775	178	0	0	0	0.00	0.62	0
CO5433	CO5434	0.56	638 3-	336ACSR	4273	4162	3872	179	4347	194	37	0.04	0.66	213
CO8323	CO5433	0.60	637 3-	336ACSR	4201	4083	3781	179	4330	193	37	0.05	0.71	280
CO8391	CO8323	0.61	637 3-	336ACSR	4190	4071	3768	179	4329	193	37	0.01	0.71	44
CO30644	CO8391	0.74	1 1-	2ACSR	0	0	3394	178	0	0	0	0.00	0.71	0
OC1024202476	CO30644	0.74	1 1-	20 N FUSE	0	0	3394	178	0	0	0	0.00	0.71	0
CO30643	OC1024202476	0.74	1 1-	2ACSR	0	0	3381	178	0	0	0	0.00	0.71	0
CO5630	CO30643	0.84	1 1-	4ACSR	0	0	3094	176	0	0	0	0.00	0.71	0
CO5631	CO5630	0.98	1 1-	4ACSR	0	0	2721	175	0	0	0	0.00	0.71	0
CO1851473906	CO30643	1.05	0 1-	2ACSR	0	0	2677	175	0	0	0	0.00	0.71	0
CO8390	CO8391	0.67	636 3-	336ACSR	4085	3956	3638	178	4329	193	37	0.07	0.79	427
CO5599	CO8390	0.72	636 3-	336ACSR	4016	3881	3554	178	4327	193	37	0.05	0.84	293
CO5600	CO5599	0.79	636 3-	336ACSR	3903	3759	3419	178	4325	193	37	0.09	0.92	503
CO5602	CO5600	0.89	635 3-	336ACSR	3772	3618	3265	178	4323	193	37	0.11	1.03	622
CO5601	CO5602	1.04	634 3-	336ACSR	3577	3412	3043	178	4315	193	37	0.17	1.20	998
CO5965	CO5601	1.14	632 3-	336ACSR	3452	3281	2906	177	4298	192	37	0.12	1.32	694
CO5966	CO5965	1.20	630 3-	336ACSR	3382	3208	2829	177	4280	192	37	0.07	1.39	412
CO5967	CO5966	1.25	630 3-	336ACSR	3336	3161	2780	177	4278	192	37	0.05	1.44	276
CO5968	CO5967	1.31	630 3-	336ACSR	3274	3096	2713	177	4276	192	37	0.07	1.50	389
CO5971	CO5968	1.37	625 3-	336ACSR	3209	3029	2645	177	4241	190	37	0.07	1.57	414
CO5972	CO5971	1.46	625 3-	336ACSR	3122	2941	2555	177	4240	190	37	0.10	1.67	578
CO5908	CO5972	1.60	32 1-	4ACSR	0	0	2326	175	145	19	14	0.12	1.79	27
CO6098	CO5908	1.60	30 1-	4ACSR	0	0	2315	175	138	18	13	0.01	1.79	0
OC178	CO6098	1.60	30 1-	15 H OCR	0	0	2315	175	138	18	125	0.00	1.79	0
CO6099	OC178	1.67	30 1-	4ACSR	0	0	2215	175	138	18	13	0.05	1.85	12
CO5973	CO6099	1.76	29 1-	4ACSR	0	0	2078	174	138	18	13	0.08	1.93	18
CO5974	CO5973	1.81	1 1-	4ACSR	0	0	2014	173	9	1	1	0.00	1.93	0
CO5975	CO5974	1.89	1 1-	4ACSR	0	0	1914	172	9	1	1	0.00	1.93	0
CO5900	CO5973	1.83	28 1-	4ACSR	0	0	1983	173	129	17	12	0.05	1.98	12
CO8324	CO5900	2.04	9 1-	4ACSR	0	0	1735	171	43	5	4	0.06	2.04	4
CO5553	CO8324	2.09	1 1-	4ACSR	0	0	1687	170	18	2	2	0.00	2.04	0
CO5520	CO8324	2.12	8 1-	4ACSR	0	0	1664	170	25	3	2	0.01	2.05	0
CO5632	CO5520	2.13	3 1-	4ACSR	0	0	1647	170	10	1	1	0.00	2.05	0
CO5699	CO5632	2.15	3 1-	4ACSR	0	0	1628	169	10	1	1	0.00	2.05	0

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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5700	CO5699	2.32	0 1-	4ACSR	0	0	1487	168	0	0	0	0.00	2.05	0
CO5555	CO5520	2.16	3 1-	4ACSR	0	0	1619	169	13	1	1	0.00	2.05	0
CO5564	CO5555	2.23	1 1-	1/0PRIURD	0	0	1580	403	9	1	1	0.00	2.05	0
CO5899	CO5900	2.02	19 1-	4ACSR	0	0	1760	171	86	11	8	0.10	2.08	14
CO5977	CO5899	2.07	17 1-	4ACSR	0	0	1706	170	66	8	6	0.02	2.10	2
CO5978	CO5977	2.18	15 1-	4ACSR	0	0	1606	169	63	8	6	0.04	2.14	4
CO5976	CO5978	2.22	14 1-	4ACSR	0	0	1565	169	63	8	6	0.02	2.16	0
CO5979	CO5976	2.24	13 1-	4ACSR	0	0	1550	169	58	7	6	0.01	2.16	0
CO5980	CO5979	2.27	12 1-	4ACSR	0	0	1525	168	58	7	6	0.01	2.17	0
CO5898	CO5980	2.46	3 1-	4ACSR	0	0	1381	166	6	0	1	0.01	2.18	0
CO8327	CO5898	2.63	2 1-	4ACSR	0	0	1271	165	4	0	0	0.00	2.18	0
CO5597	CO8327	2.69	2 1-	4ACSR	0	0	1232	164	4	0	0	0.00	2.18	0
CO5930	CO5898	2.55	1 1-	4ACSR	0	0	1318	165	2	0	0	0.00	2.18	0
CO5981	CO5980	2.32	9 1-	4ACSR	0	0	1486	168	52	7	5	0.01	2.19	0
CO5982	CO5981	2.46	8 1-	4ACSR	0	0	1380	166	47	6	5	0.04	2.23	3
CO1943516140	CO5982	2.50	1 1-	2ACSR	0	0	1356	166	10	1	1	0.00	2.23	0
CO-287515837	CO1943516140	2.55	0 1-	2ACSR	0	0	1330	166	0	0	0	0.00	2.23	0
CO5983	CO5982	2.53	7 1-	4ACSR	0	0	1332	166	37	5	4	0.01	2.24	0
CO5984	CO5983	2.61	6 1-	2ACSR	0	0	1292	165	27	3	2	0.01	2.25	0
CO5985	CO5984	2.76	6 1-	2ACSR	0	0	1221	164	27	3	2	0.02	2.27	0
CO1074637485	CO5985	2.79	1 1-	2ACSR	0	0	1208	164	10	1	1	0.00	2.27	0
CO510226860	CO1074637485	2.82	1 1-	2ACSR	0	0	1196	164	10	1	1	0.00	2.27	0
CO836986208	CO5985	2.83	1 1-	2ACSR	0	0	1193	164	6	0	0	0.00	2.27	0
CO5986	CO5985	2.84	4 1-	2ACSR	0	0	1189	164	11	1	1	0.00	2.27	0
CO5987	CO5986	2.96	4 1-	2ACSR	0	0	1141	163	11	1	1	0.01	2.28	0
CO5988	CO5987	3.03	2 1-	2ACSR	0	0	1114	162	5	0	0	0.00	2.28	0
CO5989	CO5988	3.07	1 1-	2ACSR	0	0	1101	162	0	0	0	0.00	2.28	0
CO5948	CO5987	2.98	2 1-	2ACSR	0	0	1134	163	6	0	0	0.00	2.28	0
CO6104	CO5948	3.03	2 1-	1/0PRIURD	0	0	1122	365	6	0	1	0.00	2.28	0
CO5931	CO5976	2.31	1 1-	4ACSR	0	0	1496	168	5	0	0	0.00	2.16	0
CO5929	CO5899	2.09	1 1-	4ACSR	0	0	1687	170	9	1	1	0.00	2.08	0
CO5928	CO5899	2.09	1 1-	4ACSR	0	0	1687	170	10	1	1	0.00	2.08	0
CO5946	CO5908	1.64	1 1-	4ACSR	0	0	2251	175	3	0	0	0.00	1.79	0
CO5902	CO5972	1.53	593 3-	336ACSR	3056	2874	2488	177	4092	184	35	0.08	1.75	428
CO5990	CO5902	1.66	592 3-	336ACSR	2946	2762	2376	177	4086	183	35	0.13	1.88	762
CO5992	CO5990	1.73	591 3-	336ACSR	2885	2701	2316	176	4081	183	35	0.08	1.96	442
CO5993	CO5992	1.77	590 3-	336ACSR	2853	2669	2284	176	4069	183	35	0.04	2.00	238
CO5991	CO5993	1.78	589 3-	336ACSR	2848	2664	2279	176	4055	182	35	0.01	2.01	38
CO5994	CO5991	1.82	588 3-	336ACSR	2819	2635	2250	176	4034	181	35	0.04	2.05	223
CO5995	CO5994	1.88	587 3-	336ACSR	2772	2588	2205	176	4025	181	35	0.06	2.11	358
CO6102	CO5995	1.88	5 1-	4ACSR	0	0	2196	176	30	4	3	0.00	2.11	0
OC176	CO6102	1.88	5 1-	10 N FUSE	0	0	2196	176	30	4	41	0.00	2.11	0
CO6103	OC176	1.92	5 1-	4ACSR	0	0	2142	176	30	4	3	0.01	2.12	0
CO5996	CO6103	1.97	3 1-	4ACSR	0	0	2081	175	18	2	2	0.01	2.12	0
CO5997	CO5996	2.11	3 1-	4ACSR	0	0	1910	173	18	2	2	0.02	2.14	0
CO5922	CO5997	2.23	2 1-	4ACSR	0	0	1782	172	8	1	1	0.00	2.14	0
CO5921	CO5997	2.23	1 1-	4ACSR	0	0	1782	172	10	1	1	0.00	2.14	0
CO6100	CO5995	1.88	6 1-	4ACSR	0	0	2196	176	30	4	3	0.00	2.11	0
OC177	CO6100	1.88	6 1-	10 N FUSE	0	0	2196	176	30	4	41	0.00	2.11	0
CO6101	OC177	1.97	6 1-	4ACSR	0	0	2081	175	30	4	3	0.02	2.13	0
CO6003	CO6101	2.07	3 1-	4ACSR	0	0	1964	174	5	0	1	0.00	2.13	0
CO6001	CO6003	2.16	3 1-	4ACSR	0	0	1857	173	5	0	1	0.00	2.13	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6002	CO6001	2.21	2 1-	4ACSR	0	0	1808	172	5	0	0	0.00	2.14	0
CO6000	CO6002	2.40	1 1-	4ACSR	0	0	1622	170	3	0	0	0.00	2.14	0
CO5998	CO6101	2.04	2 1-	4ACSR	0	0	1993	174	11	1	1	0.00	2.13	0
CO5999	CO5998	2.08	1 1-	4ACSR	0	0	1948	174	2	0	0	0.00	2.13	0
CO5920	CO6101	2.04	1 1-	4ACSR	0	0	1993	174	14	1	1	0.00	2.13	0
CO6004	CO5995	1.94	575 3-	336ACSR	2723	2539	2157	176	3952	178	34	0.07	2.18	380
CO6005	CO6004	2.02	573 3-	336ACSR	2670	2486	2106	176	3950	178	34	0.08	2.26	423
CO6006	CO6005	2.11	570 3-	336ACSR	2607	2425	2047	176	3908	176	34	0.09	2.35	512
CO17310	CO6006	2.15	569 3-	336ACSR	2585	2402	2025	176	3814	172	33	0.03	2.38	183
CO17311	CO17310	2.15	569 3-	336ACSR	2580	2398	2021	176	3813	172	33	0.01	2.39	35
CO6109	CO17311	2.21	567 3-	336ACSR	2544	2362	1987	175	3763	169	33	0.05	2.44	290
CO6009	CO6109	2.23	566 3-	336ACSR	2530	2348	1974	175	3755	169	33	0.02	2.46	116
OC1234156967	CO6009	2.23	564 3-	20 N FUSE	2530	2348	1974	175	3746	169	846	0.00	2.46	0
CO6010	OC1234156967	2.25	564 3-	336ACSR	2519	2337	1964	175	3746	169	33	0.02	2.48	93
CO6011	CO6010	2.26	563 3-	336ACSR	2510	2329	1956	175	3745	169	33	0.01	2.49	72
CO6012	CO6011	2.30	562 3-	336ACSR	2487	2306	1934	175	3737	168	33	0.04	2.53	192
CO6013	CO6012	2.41	561 3-	336ACSR	2425	2246	1877	175	3727	168	32	0.10	2.63	530
CO6016	CO6013	2.46	560 3-	336ACSR	2396	2217	1850	175	3721	168	32	0.05	2.68	264
CO6017	CO6016	2.49	559 3-	336ACSR	2378	2200	1834	175	3715	168	32	0.03	2.71	158
CO6014	CO6017	2.51	559 3-	336ACSR	2365	2187	1822	175	3714	168	32	0.02	2.73	115
CO6015	CO6014	2.57	558 3-	336ACSR	2336	2158	1795	175	3712	167	32	0.05	2.78	278
CO5945	CO6015	2.61	1 1-	4ACSR	0	0	1758	174	13	1	1	0.00	2.78	0
OC1428432812	CO5945	2.61	0 1-	20 N FUSE	0	0	1758	174	0	0	0	0.00	2.78	0
CO5901	CO6015	2.62	557 3-	336ACSR	2311	2134	1773	175	3697	167	32	0.04	2.83	236
CO6029	CO5901	2.87	532 3-	336ACSR	2186	2014	1662	174	3539	160	31	0.22	3.05	1151
CO6030	CO6029	2.93	532 3-	336ACSR	2158	1987	1637	174	3533	160	31	0.05	3.10	278
CO6031	CO6030	2.99	532 3-	336ACSR	2130	1959	1612	174	3532	160	31	0.06	3.16	288
RG938754825	CO6031	2.99	530 3-	200	2130	1959	1612	174	3529	160	80	-3.16	0.00	0
CO6036	RG938754825	3.07	530 3-	336ACSR	2096	1927	1583	174	3529	156	30	0.07	0.07	336
CO6037	CO6036	3.15	529 3-	336ACSR	2063	1894	1553	174	3528	156	30	0.07	0.13	347
CO6041	CO6037	3.19	529 3-	336ACSR	2047	1880	1540	173	3526	156	30	0.03	0.17	161
CO6042	CO6041	3.22	527 3-	336ACSR	2031	1864	1526	173	3512	155	30	0.03	0.20	171
CO6040	CO6042	3.26	527 3-	336ACSR	2018	1851	1514	173	3511	155	30	0.03	0.23	143
CO6045	CO6040	3.33	527 3-	336ACSR	1988	1823	1489	173	3511	155	30	0.06	0.29	321
CO6046	CO6045	3.43	527 3-	336ACSR	1950	1787	1456	173	3509	155	30	0.09	0.38	435
CO6047	CO6046	3.49	526 3-	336ACSR	1929	1767	1439	173	3505	155	30	0.05	0.42	245
CO6048	CO6047	3.80	526 3-	336ACSR	1822	1667	1348	172	3503	155	30	0.26	0.69	1338
CO6108	CO6048	3.85	519 3-	336ACSR	1805	1652	1334	172	3431	152	29	0.04	0.73	216
CO6107	CO6108	3.93	519 3-	336ACSR	1780	1629	1313	172	3430	152	29	0.06	0.79	325
CO6401	CO6107	3.95	519 3-	336ACSR	1776	1625	1310	172	3428	152	29	0.01	0.80	55
CO6403	CO6401	4.07	505 3-	336ACSR	1738	1590	1278	172	3353	149	29	0.10	0.90	501
CO6829	CO6403	4.12	43 1-	4ACSR	0	0	1257	171	245	33	24	0.07	0.97	26
OC523612381	CO6829	4.12	40 1-	20 N FUSE	0	0	1257	171	234	31	158	0.00	0.97	0
CO6830	OC523612381	4.22	40 1-	4ACSR	0	0	1209	170	234	31	23	0.15	1.12	57
CO6511	CO6830	4.29	39 1-	4ACSR	0	0	1180	169	234	31	23	0.09	1.21	36
CO6513	CO6511	4.40	38 1-	4ACSR	0	0	1133	168	233	31	23	0.16	1.37	59
CO6512	CO6513	4.54	38 1-	4ACSR	0	0	1078	167	233	31	23	0.20	1.57	75
CO6456	CO6512	4.64	2 1-	4ACSR	0	0	1043	166	5	0	1	0.00	1.57	0
CO6393	CO6512	4.61	36 1-	4ACSR	0	0	1052	166	227	30	22	0.09	1.67	34
CO-1199748307	CO6393	4.79	1 1-	2ACSR	0	0	1002	165	16	2	1	0.01	1.67	0
CO6455	CO6393	4.67	0 1-	4ACSR	0	0	1031	165	0	0	0	0.00	1.67	0
CO6394	CO6393	4.68	34 1-	4ACSR	0	0	1026	165	201	27	20	0.09	1.75	29

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6823	CO6394	4.77	33 1-	4ACSR	0	0	997	164	195	26	19	0.10	1.85	31
CO6824	CO6823	4.81	32 1-	4ACSR	0	0	984	164	186	25	18	0.04	1.90	14
CO6652	CO6824	4.88	32 1-	4ACSR	0	0	960	163	186	25	18	0.09	1.98	26
CO6649	CO6652	4.96	32 1-	4ACSR	0	0	936	163	186	25	18	0.09	2.07	26
CO6651	CO6649	5.02	32 1-	4ACSR	0	0	919	162	186	25	18	0.06	2.13	19
CO6650	CO6651	5.09	31 1-	4ACSR	0	0	898	161	182	24	18	0.08	2.22	25
CO1292259639	CO6650	5.21	29 1-	2ACSR	0	0	872	160	182	24	14	0.09	2.31	25
OH365	CO1292259639	5.49	28 1-	2ACSR	0	0	816	159	179	24	14	0.21	2.52	60
CO6528	OH365	5.56	28 1-	2ACSR	0	0	802	158	178	24	14	0.06	2.58	15
CO6527	CO6528	5.98	27 1-	2ACSR	0	0	732	156	168	23	13	0.30	2.87	78
CO6524	CO6527	6.05	10 1-	2ACSR	0	0	720	155	62	8	5	0.02	2.89	0
CO6526	CO6524	6.09	8 1-	2ACSR	0	0	715	155	57	7	4	0.01	2.90	0
CO6525	CO6526	6.21	8 1-	2ACSR	0	0	698	154	57	7	4	0.03	2.93	2
CO6821	CO6525	6.30	7 1-	2ACSR	0	0	685	154	52	7	4	0.02	2.95	0
CO6822	CO6821	6.40	6 1-	2ACSR	0	0	672	153	45	6	3	0.02	2.97	0
CO6529	CO6822	6.47	6 1-	2ACSR	0	0	663	153	45	6	3	0.01	2.98	0
CO6536	CO6529	6.50	6 1-	2ACSR	0	0	659	152	45	6	3	0.01	2.99	0
CO6530	CO6536	6.58	3 1-	2ACSR	0	0	649	152	29	4	2	0.01	2.99	0
CO6535	CO6530	6.67	3 1-	2ACSR	0	0	638	151	29	4	2	0.01	3.01	0
CO6531	CO6535	6.74	3 1-	2ACSR	0	0	630	151	29	4	2	0.01	3.01	0
CO6534	CO6531	6.89	3 1-	2ACSR	0	0	613	150	29	4	2	0.02	3.03	0
CO6532	CO6534	6.96	3 1-	2ACSR	0	0	606	150	29	4	2	0.01	3.04	0
CO6533	CO6532	7.00	3 1-	2ACSR	0	0	602	149	29	4	2	0.00	3.05	0
CO8335	CO6533	7.11	3 1-	2ACSR	0	0	590	149	29	4	2	0.01	3.06	0
CO6052	CO8335	7.19	3 1-	2ACSR	0	0	583	148	29	4	2	0.01	3.07	0
CO6053	CO6052	7.24	1 1-	2ACSR	0	0	577	148	15	2	1	0.00	3.07	0
CO6054	CO6053	7.32	1 1-	2ACSR	0	0	570	148	15	2	1	0.00	3.08	0
CO6055	CO6054	7.38	1 1-	2ACSR	0	0	564	147	15	2	1	0.00	3.08	0
CO5952	CO6052	7.23	1 1-	2ACSR	0	0	578	148	10	1	1	0.00	3.07	0
CO6662	CO6525	6.28	0 1-	2ACSR	0	0	688	154	0	0	0	0.00	2.93	0
CO6663	CO6662	6.36	0 1-	2ACSR	0	0	677	153	0	0	0	0.00	2.93	0
CO6711	CO6527	6.22	17 1-	2ACSR	0	0	696	154	106	14	8	0.11	2.98	18
CO6710	CO6711	6.26	17 1-	2ACSR	0	0	690	154	106	14	8	0.02	3.00	3
CO6468	CO6710	6.36	1 1-	2ACSR	0	0	677	153	5	0	0	0.00	3.00	0
CO6660	CO6710	6.29	1 1-	2ACSR	0	0	686	154	16	2	1	0.00	3.00	0
CO6661	CO6660	6.37	1 1-	2ACSR	0	0	676	153	16	2	1	0.00	3.00	0
CO6399	CO6710	6.38	13 1-	2ACSR	0	0	675	153	78	10	6	0.04	3.04	5
CO6828	CO6399	6.42	12 1-	2ACSR	0	0	669	153	64	8	5	0.01	3.05	0
CO6827	CO6828	6.64	12 1-	2ACSR	0	0	642	151	64	8	5	0.06	3.11	6
CO6804	CO6827	6.69	12 1-	2ACSR	0	0	637	151	63	8	5	0.01	3.12	0
CO6803	CO6804	6.72	12 1-	2ACSR	0	0	632	151	63	8	5	0.01	3.13	0
CO-269452926	CO6803	6.74	11 1-	2ACSR	0	0	631	151	57	7	4	0.00	3.13	0
CO1742816118	CO-269452926	6.84	0 1-	2ACSR	0	0	619	150	0	0	0	0.00	3.13	0
CO-1102110201	CO-269452926	6.79	11 1-	2ACSR	0	0	624	151	57	7	4	0.01	3.15	0
CO6466	CO-1102110201	6.86	2 1-	2ACSR	0	0	617	150	12	1	1	0.00	3.15	0
CO6398	CO-1102110201	6.87	9 1-	2ACSR	0	0	616	150	45	6	3	0.01	3.16	0
CO6800	CO6398	6.93	7 1-	2ACSR	0	0	609	150	24	3	2	0.01	3.16	0
CO6801	CO6800	6.98	5 1-	2ACSR	0	0	604	149	22	2	2	0.00	3.17	0
CO6521	CO6801	7.06	4 1-	2ACSR	0	0	596	149	20	2	2	0.01	3.18	0
CO6523	CO6521	7.23	3 1-	2ACSR	0	0	579	148	14	1	1	0.01	3.19	0
CO6522	CO6523	7.32	3 1-	2ACSR	0	0	569	148	14	1	1	0.00	3.19	0
CO6397	CO6398	7.00	0 1-	2ACSR	0	0	602	149	0	0	0	0.00	3.16	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6467	CO6399	6.47	1 1-	2ACSR	0	0	663	153	14	1	1	0.00	3.04	0
CO6454	CO6394	4.74	1 1-	4ACSR	0	0	1006	165	6	0	1	0.00	1.75	0
CO6453	CO6511	4.34	1 1-	4ACSR	0	0	1159	169	0	0	0	0.00	1.21	0
CO6540	CO6403	4.15	461 3-	336ACSR	1715	1569	1259	172	3104	138	27	0.06	0.96	271
CO6537	CO6540	4.23	461 3-	336ACSR	1693	1549	1241	171	3103	138	27	0.05	1.02	257
CO6539	CO6537	4.28	461 3-	336ACSR	1677	1534	1228	171	3102	138	27	0.04	1.06	194
CO6538	CO6539	4.41	461 3-	336ACSR	1645	1504	1201	171	3101	138	27	0.09	1.14	410
CA-648038189	CO6538	4.41	0 3-	Capacitor	1645	1504	1201	171	0	-14	0	0.00	1.14	0
CO6549	CO6538	4.46	35 1-	4ACSR	0	0	1179	170	231	31	22	0.07	1.22	28
CO6550	CO6549	4.51	35 1-	4ACSR	0	0	1157	170	231	31	22	0.07	1.29	28
CO6548	CO6550	4.57	33 1-	4ACSR	0	0	1133	169	227	30	22	0.08	1.37	30
CO6850	CO6548	4.58	33 1-	4ACSR	0	0	1130	169	227	30	22	0.01	1.38	3
OC190	CO6850	4.58	33 1-	50 H OCR	0	0	1130	169	227	30	61	0.00	1.38	0
CO6509	OC190	4.68	16 1-	4ACSR	0	0	1091	168	114	15	11	0.07	1.45	13
CO6807	CO6509	4.74	15 1-	4ACSR	0	0	1070	167	99	13	10	0.03	1.48	5
CO6808	CO6807	4.80	13 1-	4ACSR	0	0	1050	167	87	11	8	0.03	1.51	4
OC1698725168	CO6808	4.80	12 1-	20 N FUSE	0	0	1050	167	85	11	58	0.00	1.51	0
CO6805	OC1698725168	4.90	2 1-	4ACSR	0	0	1013	166	8	1	1	0.00	1.52	0
CO6806	CO6805	4.92	1 1-	4ACSR	0	0	1008	166	1	0	0	0.00	1.52	0
CO6510	CO6806	4.96	1 1-	4ACSR	0	0	996	165	1	0	0	0.00	1.52	0
CO6452	OC1698725168	4.85	1 1-	4ACSR	0	0	1030	166	16	2	2	0.00	1.52	0
CO6687	OC1698725168	4.91	5 1-	4ACSR	0	0	1011	166	38	5	4	0.03	1.54	0
CO6626	CO6687	4.97	5 1-	4ACSR	0	0	992	165	38	5	4	0.01	1.55	0
CO6665	CO6626	5.04	4 1-	2ACSR	0	0	972	165	26	3	2	0.01	1.56	0
OC1018156279	CO6665	5.04	4 1-	20 N FUSE	0	0	972	165	26	3	18	0.00	1.56	0
CO6841	OC1018156279	5.12	4 1-	2ACSR	0	0	952	164	26	3	2	0.01	1.57	0
CO8334	CO6841	5.19	0 1-	2ACSR	0	0	936	164	0	0	0	0.00	1.57	0
CO6675	CO6841	5.17	4 1-	2ACSR	0	0	941	164	26	3	2	0.00	1.57	0
CO6712	CO6675	5.19	4 1-	2ACSR	0	0	936	164	26	3	2	0.00	1.58	0
CO6713	CO6712	5.22	2 1-	2ACSR	0	0	928	163	20	2	1	0.00	1.58	0
CO6676	CO6713	5.30	1 1-	2ACSR	0	0	910	163	6	0	0	0.00	1.58	0
CO6677	CO6676	5.36	0 1-	2ACSR	0	0	897	162	0	0	0	0.00	1.58	0
CO6627	CO6626	5.00	1 1-	4ACSR	0	0	980	165	12	1	1	0.00	1.55	0
CO6647	OC1698725168	4.89	4 1-	4ACSR	0	0	1017	166	23	3	2	0.01	1.52	0
CO6648	CO6647	4.95	2 1-	4ACSR	0	0	999	165	6	0	1	0.00	1.52	0
CO6451	CO6509	4.74	1 1-	4ACSR	0	0	1071	167	14	1	1	0.00	1.45	0
CO6390	OC190	4.67	17 1-	4ACSR	0	0	1096	168	113	15	11	0.06	1.44	11
CO6853	CO6390	4.67	2 1-	4ACSR	0	0	1095	168	7	0	1	0.00	1.44	0
CO6389	CO6390	4.73	14 1-	4ACSR	0	0	1075	168	105	14	10	0.04	1.48	6
CO6705	CO6389	4.76	13 1-	4ACSR	0	0	1063	167	93	12	9	0.02	1.50	3
CO6706	CO6705	4.79	11 1-	4ACSR	0	0	1053	167	79	10	8	0.01	1.51	0
CO6832	CO6706	4.86	10 1-	4ACSR	0	0	1027	166	64	8	6	0.03	1.53	2
CO6833	CO6832	4.91	9 1-	4ACSR	0	0	1012	166	46	6	4	0.01	1.54	0
CO6507	CO6833	4.93	9 1-	4ACSR	0	0	1005	166	46	6	4	0.01	1.55	0
CO6442	CO6507	5.00	0 1-	4ACSR	0	0	980	165	0	0	0	0.00	1.55	0
CO6621	CO6507	4.96	9 1-	4ACSR	0	0	995	165	46	6	4	0.01	1.56	0
CO6625	CO6621	4.97	5 1-	4ACSR	0	0	993	165	20	2	2	0.00	1.56	0
CO6664	CO6625	5.10	4 1-	2ACSR	0	0	959	164	19	2	1	0.01	1.56	0
CO6707	CO6664	5.25	3 1-	2ACSR	0	0	921	163	6	0	0	0.00	1.57	0
CO6708	CO6707	5.32	0 1-	2ACSR	0	0	905	163	0	0	0	0.00	1.57	0
CO6624	CO6625	5.00	1 1-	4ACSR	0	0	983	165	0	0	0	0.00	1.56	0
CO6622	CO6621	4.98	2 1-	4ACSR	0	0	987	165	9	1	1	0.00	1.56	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6443	CO6622	5.08	1 1-	4ACSR	0	0	957	164	4	0	0	0.00	1.56	0
CO6623	CO6622	5.10	1 1-	4ACSR	0	0	950	164	5	0	0	0.00	1.56	0
CO6444	CO6389	4.78	1 1-	4ACSR	0	0	1057	167	11	1	1	0.00	1.48	0
CO6445	CO6444	4.82	1 1-	4ACSR	0	0	1040	167	11	1	1	0.00	1.48	0
CO-778584560	CO6390	4.71	1 1-	2ACSR	0	0	1084	168	1	0	0	0.00	1.44	0
CO6545	CO6538	4.48	409 3-	336ACSR	1624	1485	1185	171	2766	124	24	0.06	1.20	218
CO6544	CO6545	4.55	409 3-	336ACSR	1606	1469	1170	171	2765	124	24	0.05	1.26	193
CO6546	CO6544	4.66	409 3-	336ACSR	1580	1445	1149	170	2764	124	24	0.08	1.34	293
CO6543	CO6546	4.71	409 3-	336ACSR	1568	1434	1139	170	2763	124	24	0.04	1.38	137
FD322298804	CO6543	4.71	409 3-	_DefaultBayEqui	1568	1434	1139	170	2762	124	0	0.00	1.38	0
CO6547	FD322298804	4.81	409 3-	336ACSR	1544	1412	1120	170	2762	124	24	0.08	1.46	274
OC322298804	CO6547	4.81	405 3-	20 N FUSE	1544	1412	1120	170	2746	123	620	0.00	1.46	0
CO6541	OC322298804	4.88	405 3-	336ACSR	1526	1396	1106	170	2746	123	24	0.06	1.52	209
CO6542	CO6541	4.93	404 3-	336ACSR	1516	1386	1097	170	2700	121	23	0.04	1.55	125
CO6388	CO6542	5.08	404 3-	4/0ACSR	1475	1349	1065	169	2699	121	36	0.17	1.72	648
CO6419	CO6388	5.16	3 1-	4ACSR	0	0	1040	169	19	2	2	0.00	1.73	0
OC1203892521	CO6419	5.16	0 1-	20 N FUSE	0	0	1040	169	0	0	0	0.00	1.73	0
CO6369	CO6388	5.18	401 3-	4/0ACSR	1450	1327	1046	169	2677	121	36	0.11	1.83	399
CO6370	CO6369	5.22	108 1-	4ACSR	0	0	1034	169	489	66	47	0.11	1.94	89
CO6421	CO6370	5.25	2 1-	4ACSR	0	0	1022	168	1	0	0	0.00	1.94	0
CO6371	CO6370	5.39	106 1-	4ACSR	0	0	982	167	488	66	47	0.50	2.45	400
OC1296592086	CO6371	5.39	106 1-	20 N FUSE	0	0	982	167	486	66	331	0.00	2.45	0
CO6422	OC1296592086	5.44	2 1-	4ACSR	0	0	965	166	10	1	1	0.00	2.45	0
CO6374	OC1296592086	5.48	4 1-	4ACSR	0	0	954	166	23	3	2	0.01	2.46	0
CO6592	CO6374	5.56	3 1-	4ACSR	0	0	933	165	11	1	1	0.00	2.46	0
CO6591	CO6592	5.59	3 1-	4ACSR	0	0	922	165	11	1	1	0.00	2.47	0
CO6685	CO6591	5.67	1 1-	4ACSR	0	0	902	164	1	0	0	0.00	2.47	0
CO6684	CO6591	5.64	2 1-	4ACSR	0	0	909	164	9	1	1	0.00	2.47	0
CO6639	CO6684	5.69	1 1-	4ACSR	0	0	897	164	9	1	1	0.00	2.47	0
CO6423	CO6374	5.53	1 1-	4ACSR	0	0	940	166	12	1	1	0.00	2.46	0
CO6372	OC1296592086	5.48	100 1-	4ACSR	0	0	954	166	454	61	44	0.26	2.71	194
CO6590	CO6372	5.63	1 1-	4ACSR	0	0	913	165	8	1	1	0.01	2.71	0
CO6474	CO6590	5.67	1 1-	2ACSR	0	0	904	164	8	1	1	0.00	2.71	0
CO6686	CO6590	5.80	0 1-	4ACSR	0	0	868	163	0	0	0	0.00	2.71	0
CO6373	CO6372	5.65	99 1-	4ACSR	0	0	907	164	444	60	43	0.46	3.17	336
CO6425	CO6373	5.68	1 1-	4ACSR	0	0	899	164	7	0	1	0.00	3.17	0
CO6375	CO6373	5.76	98 1-	4ACSR	0	0	880	163	436	59	43	0.27	3.44	195
CO6593	CO6375	5.82	2 1-	4ACSR	0	0	863	163	9	1	1	0.00	3.44	0
CO6594	CO6593	5.86	1 1-	4ACSR	0	0	853	162	1	0	0	0.00	3.44	0
CO6759	CO6375	5.77	92 1-	4ACSR	0	0	875	163	392	53	38	0.04	3.48	25
CO6760	CO6759	5.83	90 1-	4ACSR	0	0	861	162	378	52	37	0.14	3.61	85
CO6758	CO6760	5.88	89 1-	4ACSR	0	0	849	162	376	51	37	0.11	3.72	68
CO6757	CO6758	5.91	88 1-	4ACSR	0	0	842	162	370	50	36	0.06	3.79	39
CO6490	CO6757	5.94	88 1-	4ACSR	0	0	833	161	370	50	36	0.09	3.87	53
CO6489	CO6490	6.03	88 1-	4ACSR	0	0	814	161	370	50	36	0.19	4.06	118
OC-86712539	CO6489	6.03	88 1-	20 N FUSE	0	0	814	161	369	50	255	0.00	4.06	0
CO6491	OC-86712539	6.25	86 1-	4ACSR	0	0	767	158	355	49	35	0.47	4.54	280
CO6683	CO6491	6.30	86 1-	4ACSR	0	0	756	158	354	49	35	0.12	4.66	73
CO6782	CO6683	6.44	39 1-	4ACSR	0	0	730	157	207	28	21	0.17	4.83	59
CO6783	CO6782	6.55	38 1-	4ACSR	0	0	709	156	207	28	21	0.14	4.98	50
CO6473	CO6783	6.68	5 1-	4ACSR	0	0	687	155	24	3	2	0.01	4.99	0
CO153232061	CO6473	6.72	1 1-	2ACSR	0	0	681	154	10	1	1	0.00	4.99	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6406	CO6783	6.66	33 1-	4ACSR	0	0	690	155	182	25	18	0.12	5.10	37
OC-1404447939	CO6406	6.66	33 1-	20 N FUSE	0	0	690	155	182	25	127	0.00	5.10	0
CO6780	OC-1404447939	6.72	3 1-	4ACSR	0	0	679	154	18	2	2	0.01	5.10	0
CO6781	CO6780	6.83	2 1-	4ACSR	0	0	662	153	11	1	1	0.01	5.11	0
CO6672	CO6781	6.89	1 1-	2ACSR	0	0	655	153	9	1	1	0.00	5.11	0
CO6668	CO6672	7.04	1 1-	2ACSR	0	0	637	152	9	1	1	0.01	5.12	0
CO6671	CO6668	7.10	1 1-	2ACSR	0	0	630	152	9	1	1	0.00	5.12	0
CO6669	CO6671	7.15	1 1-	2ACSR	0	0	624	151	9	1	1	0.00	5.12	0
CO6670	CO6669	7.22	1 1-	2ACSR	0	0	617	151	9	1	1	0.00	5.12	0
CO6641	CO6781	6.87	1 1-	4ACSR	0	0	656	153	2	0	0	0.00	5.11	0
CO6450	CO6641	6.94	0 1-	4ACSR	0	0	645	152	0	0	0	0.00	5.11	0
CO6642	CO6641	7.11	1 1-	4ACSR	0	0	620	151	2	0	0	0.00	5.11	0
CO6778	OC-1404447939	6.76	30 1-	4ACSR	0	0	674	154	165	22	16	0.10	5.20	27
CO6779	CO6778	6.83	29 1-	4ACSR	0	0	662	153	162	22	16	0.07	5.27	20
CO6508	CO6779	7.00	27 1-	4ACSR	0	0	636	152	142	19	14	0.14	5.41	32
CO8351	CO6508	7.11	22 1-	4ACSR	0	0	620	151	98	13	10	0.07	5.48	11
CO7755	CO8351	7.15	21 1-	4ACSR	0	0	615	150	98	13	10	0.02	5.50	4
CO7570	CO7755	7.27	14 1-	4ACSR	0	0	598	149	63	8	6	0.05	5.55	5
CO7756	CO7570	7.29	14 1-	4ACSR	0	0	596	149	63	8	6	0.00	5.55	0
CO7757	CO7756	7.44	12 1-	4ACSR	0	0	577	148	45	6	4	0.04	5.59	3
CO7758	CO7757	7.52	11 1-	4ACSR	0	0	567	147	41	5	4	0.02	5.61	0
CO7759	CO7758	7.56	10 1-	4ACSR	0	0	563	147	39	5	4	0.01	5.62	0
CO7522	CO7759	7.65	1 1-	4ACSR	0	0	552	146	5	0	1	0.00	5.63	0
CO7465	CO7759	7.59	9 1-	4ACSR	0	0	559	147	34	4	3	0.01	5.63	0
CO7760	CO7465	7.60	8 1-	4ACSR	0	0	557	147	24	3	2	0.00	5.63	0
CO7761	CO7760	7.63	7 1-	4ACSR	0	0	554	146	20	2	2	0.00	5.64	0
CO7571	CO7761	7.87	7 1-	4ACSR	0	0	528	144	20	2	2	0.03	5.67	0
CO7642	CO7571	8.00	4 1-	4ACSR	0	0	514	143	12	1	1	0.01	5.68	0
CO8354	CO7642	8.06	4 1-	4ACSR	0	0	509	143	12	1	1	0.00	5.68	0
CO6646	CO8354	8.13	4 1-	4ACSR	0	0	502	142	12	1	1	0.00	5.68	0
CO6645	CO6646	8.17	1 1-	4ACSR	0	0	498	142	4	0	0	0.00	5.69	0
CO6644	CO6646	8.16	2 1-	4ACSR	0	0	499	142	8	1	1	0.00	5.69	0
CO6643	CO6644	8.19	2 1-	4ACSR	0	0	496	142	8	1	1	0.00	5.69	0
CO7572	CO7571	7.95	3 1-	4ACSR	0	0	520	144	8	1	1	0.00	5.67	0
CO7573	CO7572	8.01	3 1-	4ACSR	0	0	513	143	8	1	1	0.00	5.67	0
CO7574	CO7573	8.11	2 1-	4ACSR	0	0	504	143	8	1	1	0.00	5.68	0
CO7650	CO7574	8.20	1 1-	4ACSR	0	0	495	142	2	0	0	0.00	5.68	0
CO7651	CO7650	8.35	1 1-	4ACSR	0	0	482	141	2	0	0	0.00	5.68	0
CO7652	CO7651	8.41	1 1-	4ACSR	0	0	476	140	2	0	0	0.00	5.68	0
CO7530	CO7574	8.15	1 1-	4ACSR	0	0	500	142	5	0	1	0.00	5.68	0
CO7523	CO7465	7.68	1 1-	4ACSR	0	0	548	146	10	1	1	0.00	5.63	0
CO7466	CO7755	7.21	5 1-	4ACSR	0	0	607	150	27	3	3	0.01	5.51	0
CO7674	CO7466	7.29	5 1-	4ACSR	0	0	596	149	27	3	3	0.01	5.52	0
CO7675	CO7674	7.39	3 1-	4ACSR	0	0	583	148	9	1	1	0.01	5.53	0
CO7641	CO7675	7.44	3 1-	4ACSR	0	0	576	148	9	1	1	0.00	5.53	0
CO7648	CO7674	7.32	1 1-	4ACSR	0	0	592	149	1	0	0	0.00	5.52	0
CO7649	CO7648	7.37	1 1-	4ACSR	0	0	586	149	1	0	0	0.00	5.52	0
CO7646	CO7466	7.25	0 1-	4ACSR	0	0	601	149	0	0	0	0.00	5.51	0
CO7647	CO7646	7.27	0 1-	4ACSR	0	0	598	149	0	0	0	0.00	5.51	0
CO6788	CO6508	7.09	3 1-	4ACSR	0	0	623	151	30	4	3	0.01	5.42	0
CO6789	CO6788	7.14	2 1-	4ACSR	0	0	616	150	20	2	2	0.00	5.43	0
CO6667	CO6779	6.90	1 1-	2ACSR	0	0	654	153	9	1	1	0.00	5.27	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6666	CO6779	6.97	1 1-	2ACSR	0	0	645	152	11	1	1	0.00	5.27	0
CO6392	CO6683	6.52	47 1-	4ACSR	0	0	714	156	146	20	14	0.19	4.85	45
OC1303073911	CO6392	6.52	46 1-	20 N FUSE	0	0	714	156	135	18	94	0.00	4.85	0
CO6786	OC1303073911	6.58	21 1-	4ACSR	0	0	705	155	116	16	12	0.04	4.89	7
CO6787	CO6786	6.64	20 1-	4ACSR	0	0	694	155	113	15	11	0.04	4.93	8
CO6751	CO6787	6.74	18 1-	4ACSR	0	0	676	154	101	14	10	0.07	5.00	11
CO6752	CO6751	6.75	17 1-	4ACSR	0	0	675	154	96	13	9	0.01	5.00	0
CO6750	CO6752	6.81	17 1-	4ACSR	0	0	666	153	96	13	9	0.03	5.03	5
CO6492	CO6750	6.88	16 1-	4ACSR	0	0	654	153	93	12	9	0.04	5.07	6
CO6753	CO6492	6.89	12 1-	4ACSR	0	0	652	153	71	9	7	0.00	5.08	0
CO6754	CO6753	6.92	10 1-	4ACSR	0	0	648	152	60	8	6	0.01	5.09	0
CO8348	CO6754	7.09	7 1-	4ACSR	0	0	623	151	28	3	3	0.03	5.11	0
CO-1477955234	CO8348	7.15	4 1-	2ACSR	0	0	616	150	26	3	2	0.01	5.12	0
CO-1105906878	CO-1477955234	7.21	1 1-	2ACSR	0	0	610	150	10	1	1	0.00	5.12	0
CO-1583622550	CO-1477955234	7.22	3 1-	2ACSR	0	0	608	150	16	2	1	0.00	5.13	0
CO7616	CO-1583622550	7.32	1 1-	4ACSR	0	0	596	149	7	1	1	0.00	5.13	0
CO-2117295247	CO-1583622550	7.28	2 1-	2ACSR	0	0	602	150	8	1	1	0.00	5.13	0
CO-880054005	CO-2117295247	7.35	2 1-	2ACSR	0	0	595	149	8	1	1	0.00	5.13	0
CO1884890173	CO-880054005	7.42	2 1-	2ACSR	0	0	588	149	8	1	1	0.00	5.13	0
CO7505	CO8348	7.15	1 1-	4ACSR	0	0	615	150	0	0	0	0.00	5.11	0
CO7504	CO8348	7.15	2 1-	4ACSR	0	0	615	150	2	0	0	0.00	5.12	0
CO6596	CO6754	6.95	3 1-	4ACSR	0	0	644	152	32	4	3	0.01	5.09	0
CO6755	CO6596	7.01	3 1-	4ACSR	0	0	635	152	32	4	3	0.01	5.10	0
CO6756	CO6755	7.04	1 1-	4ACSR	0	0	630	151	12	1	1	0.00	5.10	0
CO6595	CO6756	7.06	1 1-	4ACSR	0	0	627	151	12	1	1	0.00	5.10	0
CO6428	CO6492	6.98	1 1-	4ACSR	0	0	639	152	3	0	0	0.00	5.07	0
CO6427	CO6787	6.75	2 1-	4ACSR	0	0	675	154	11	1	1	0.00	4.93	0
CO6784	OC1303073911	6.61	25 1-	4ACSR	0	0	698	155	19	2	2	0.01	4.86	0
CO6785	CO6784	6.66	24 1-	4ACSR	0	0	690	155	19	2	2	0.01	4.87	0
CO1633543038	CO6785	6.71	8 1-	2ACSR	0	0	683	154	5	0	0	0.00	4.87	0
CO698378099	CO1633543038	6.76	6 1-	2ACSR	0	0	677	154	5	0	0	0.00	4.87	0
CO8350	CO698378099	6.82	1 1-	4ACSR	0	0	666	153	4	0	0	0.00	4.87	0
CO7787	CO698378099	6.81	5 1-	4ACSR	0	0	668	154	1	0	0	0.00	4.87	0
CO-845164888	CO1633543038	6.75	2 1-	2ACSR	0	0	678	154	0	0	0	0.00	4.87	0
CO6790	CO6785	6.69	12 1-	4ACSR	0	0	685	154	13	1	1	0.00	4.87	0
CO6791	CO6790	6.73	9 1-	4ACSR	0	0	679	154	5	0	0	0.00	4.87	0
CO-490942932	CO6791	6.76	7 1-	2ACSR	0	0	674	154	4	0	0	0.00	4.87	0
CO1876042396	CO-490942932	6.78	3 1-	2ACSR	0	0	672	154	4	0	0	0.00	4.87	0
CO-428527835	CO1876042396	6.79	3 1-	2ACSR	0	0	670	154	4	0	0	0.00	4.87	0
CO2108429900	CO-428527835	6.82	3 1-	2ACSR	0	0	666	153	4	0	0	0.00	4.87	0
CO-934948291	CO-490942932	6.80	4 1-	2ACSR	0	0	669	154	0	0	0	0.00	4.87	0
CO6470	CO6785	6.71	4 1-	2ACSR	0	0	684	154	0	0	0	0.00	4.87	0
CO6449	OC-86712539	6.09	2 1-	4ACSR	0	0	801	160	14	1	1	0.00	4.07	0
CO6426	CO6757	6.10	0 1-	4ACSR	0	0	799	160	0	0	0	0.00	3.79	0
CO6376	CO6375	5.81	3 1-	4ACSR	0	0	865	163	22	3	2	0.01	3.45	0
CO6488	CO6376	5.98	3 1-	4ACSR	0	0	825	161	22	3	2	0.02	3.47	0
CO6761	CO6488	6.08	3 1-	4ACSR	0	0	803	160	22	3	2	0.01	3.48	0
CO6762	CO6761	6.17	2 1-	4ACSR	0	0	783	159	13	1	1	0.01	3.49	0
CO6448	CO6762	6.36	1 1-	4ACSR	0	0	744	157	4	0	0	0.00	3.49	0
CO-192406970	CO6762	6.24	1 1-	4ACSR	0	0	769	159	9	1	1	0.00	3.49	0
CO-1412743967	CO-192406970	6.38	1 1-	4ACSR	0	0	740	157	9	1	1	0.00	3.49	0
CO-1839810447	CO-192406970	6.34	0 1-	4ACSR	0	0	749	158	0	0	0	0.00	3.49	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6424	CO6376	5.87	0 1-	4ACSR	0	0	851	162	0	0	0	0.00	3.45	0
CO6368	CO6369	5.29	293 3-	4/0ACSR	1421	1301	1024	169	2186	98	29	0.10	1.94	320
CO6420	CO6368	5.41	1 1-	4ACSR	0	0	987	168	13	1	1	0.00	1.94	0
OC963659116	CO6420	5.41	0 1-	20 N FUSE	0	0	987	168	0	0	0	0.00	1.94	0
CO6367	CO6368	5.42	292 3-	4/0ACSR	1390	1272	1000	168	2172	98	29	0.12	2.06	369
CO6589	CO6367	5.52	4 1-	4ACSR	0	0	973	167	24	3	2	0.01	2.07	0
OC-674030568	CO6589	5.52	2 1-	20 N FUSE	0	0	973	167	20	2	14	0.00	2.07	0
CO6588	OC-674030568	5.58	1 1-	4ACSR	0	0	956	167	9	1	1	0.00	2.07	0
CO102230778	CO6588	5.61	1 1-	2ACSR	0	0	947	167	9	1	1	0.00	2.07	0
CO6418	OC-674030568	5.56	1 1-	4ACSR	0	0	959	167	12	1	1	0.00	2.07	0
CO6486	CO6367	5.47	288 3-	4/0ACSR	1380	1263	992	168	2146	97	29	0.04	2.09	116
CO6487	CO6486	5.67	288 3-	4/0ACSR	1334	1222	957	168	2146	97	29	0.18	2.28	554
CO6587	CO6487	5.72	6 1-	4ACSR	0	0	945	167	41	5	4	0.01	2.29	0
OC-1505960734	CO6587	5.72	5 1-	20 N FUSE	0	0	945	167	32	4	22	0.00	2.29	0
CO6703	OC-1505960734	5.78	5 1-	4ACSR	0	0	929	167	32	4	3	0.01	2.30	0
CO6704	CO6703	5.79	3 1-	4ACSR	0	0	924	166	30	4	3	0.00	2.30	0
CO6493	CO6487	5.71	282 3-	4/0ACSR	1326	1214	951	168	2103	95	28	0.03	2.31	99
CO6494	CO6493	5.77	282 3-	4/0ACSR	1312	1202	941	167	2102	95	28	0.06	2.37	166
CO6429	CO6494	5.79	1 1-	4ACSR	0	0	936	167	9	1	1	0.00	2.37	0
OC1902310336	CO6429	5.79	0 1-	20 N FUSE	0	0	936	167	0	0	0	0.00	2.37	0
CO6379	CO6494	5.81	281 3-	4/0ACSR	1305	1195	935	167	2092	95	28	0.03	2.40	94
CO6484	CO6379	5.84	213 3-	4/0ACSR	1298	1189	930	167	1718	78	23	0.02	2.42	58
CO6483	CO6484	5.91	213 3-	4/0ACSR	1284	1177	920	167	1717	78	23	0.05	2.47	116
CO6485	CO6483	5.97	213 3-	4/0ACSR	1271	1165	910	167	1717	78	23	0.05	2.52	116
CO6586	CO6485	6.06	6 1-	4ACSR	0	0	889	166	44	6	4	0.02	2.54	0
OC-34990268	CO6586	6.06	3 1-	20 N FUSE	0	0	889	166	27	3	18	0.00	2.54	0
CO6763	OC-34990268	6.09	2 1-	4ACSR	0	0	880	166	20	2	2	0.00	2.54	0
CO6764	CO6763	6.13	0 1-	4ACSR	0	0	871	165	0	0	0	0.00	2.54	0
CO6417	OC-34990268	6.10	1 1-	4ACSR	0	0	880	166	7	0	1	0.00	2.54	0
CO6366	CO6485	5.99	207 3-	4/0ACSR	1267	1162	907	167	1672	76	22	0.01	2.53	32
CO6584	CO6366	6.12	1 1-	4ACSR	0	0	877	165	10	1	1	0.00	2.54	0
OC-1839478350	CO6584	6.12	0 1-	20 N FUSE	0	0	877	165	0	0	0	0.00	2.54	0
CO6585	OC-1839478350	6.21	0 1-	4ACSR	0	0	855	165	0	0	0	0.00	2.54	0
CO6365	CO6366	6.22	206 3-	4/0ACSR	1224	1122	874	166	1663	75	22	0.16	2.69	374
CO6747	CO6365	6.25	205 3-	4/0ACSR	1218	1117	870	166	1654	75	22	0.02	2.71	54
CO6699	CO6747	6.30	205 3-	4/0ACSR	1211	1110	864	166	1654	75	22	0.03	2.74	69
CO6825	CO6699	6.40	1 1-	4ACSR	0	0	840	165	7	0	1	0.00	2.75	0
OC1058120022	CO6825	6.40	0 1-	20 N FUSE	0	0	840	165	0	0	0	0.00	2.75	0
CO6826	OC1058120022	6.48	0 1-	4ACSR	0	0	825	164	0	0	0	0.00	2.75	0
CO6740	CO6699	6.45	203 3-	4/0ACSR	1184	1086	844	165	1636	74	22	0.10	2.85	242
CO6698	CO6740	6.53	203 3-	4/0ACSR	1170	1073	833	165	1635	74	22	0.06	2.91	135
CO6738	CO6698	6.63	3 1-	4ACSR	0	0	813	164	15	1	1	0.01	2.91	0
OC-1325718740	CO6738	6.63	3 1-	20 N FUSE	0	0	813	164	15	1	10	0.00	2.91	0
CO6739	OC-1325718740	6.67	3 1-	4ACSR	0	0	804	164	15	1	1	0.00	2.92	0
CO6582	CO6739	6.71	2 1-	4ACSR	0	0	796	163	14	1	1	0.00	2.92	0
CO6583	CO6582	6.77	0 1-	4ACSR	0	0	785	163	0	0	0	0.00	2.92	0
CO6697	CO6698	6.61	197 3-	4/0ACSR	1156	1060	823	165	1593	72	21	0.05	2.96	125
FD457656573	CO6697	6.61	195 3-	_DefaultBayEqui	1156	1060	823	165	1582	72	0	0.00	2.96	0
CO6727	FD457656573	6.65	195 3-	4/0ACSR	1151	1056	819	165	1582	72	21	0.02	2.98	46
OC457656573	CO6727	6.65	184 3-	20 N FUSE	1151	1056	819	165	1523	69	348	0.00	2.98	0
CO6361	OC457656573	6.70	184 3-	4/0ACSR	1142	1047	812	165	1523	69	20	0.04	3.02	79
CO6578	CO6361	6.77	5 1-	4ACSR	0	0	799	164	45	6	4	0.02	3.03	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC302619809	CO6578	6.77	3 1-	20 N FUSE	0	0	799	164	32	4	22	0.00	3.03	0
CO6723	OC302619809	6.86	3 1-	4ACSR	0	0	782	163	32	4	3	0.01	3.05	0
CO6724	CO6723	6.93	2 1-	4ACSR	0	0	768	162	20	2	2	0.00	3.05	0
CO6360	CO6361	6.83	179 3-	4/0ACSR	1121	1029	797	164	1478	67	20	0.08	3.10	168
CO6359	CO6360	6.97	173 3-	4/0ACSR	1100	1010	781	164	1446	66	19	0.09	3.18	178
CO6480	CO6359	7.01	137 3-	4/0ACSR	1094	1004	777	164	1144	52	15	0.02	3.20	30
CO6718	CO6480	7.03	137 3-	4/0ACSR	1092	1002	775	164	1144	52	15	0.01	3.21	12
CO6720	CO6718	7.08	137 3-	4/0ACSR	1084	995	770	164	1144	52	15	0.03	3.23	42
CO6719	CO6720	7.12	136 3-	4/0ACSR	1078	990	765	163	1138	52	15	0.02	3.26	34
CO6358	CO6719	7.28	123 3-	4/0ACSR	1057	970	749	163	1083	49	15	0.07	3.32	104
CO6846	CO6358	7.28	32 1-	4ACSR	0	0	748	163	202	27	20	0.01	3.33	3
OC188	CO6846	7.28	32 1-	50 H OCR	0	0	748	163	202	27	55	0.00	3.33	0
CO6847	OC188	7.42	32 1-	4ACSR	0	0	725	162	202	27	20	0.16	3.50	54
CO6689	CO6847	7.47	30 1-	4ACSR	0	0	717	161	190	26	19	0.06	3.55	17
CO6690	CO6689	7.53	28 1-	4ACSR	0	0	708	160	174	23	17	0.06	3.61	17
CO6714	CO6690	7.56	27 1-	4ACSR	0	0	702	160	165	22	16	0.03	3.64	9
CO6691	CO6714	7.60	24 1-	4ACSR	0	0	696	160	141	19	14	0.03	3.67	7
CO8355	CO6691	7.75	23 1-	4ACSR	0	0	673	158	128	17	13	0.12	3.79	25
CO8352	CO8355	7.84	1 1-	4ACSR	0	0	660	157	2	0	0	0.00	3.79	0
CO7447	CO8355	7.77	22 1-	4ACSR	0	0	671	158	126	17	12	0.01	3.81	3
CO7498	CO7447	7.84	1 1-	4ACSR	0	0	660	157	4	0	0	0.00	3.81	0
CO7448	CO7447	7.81	20 1-	4ACSR	0	0	665	158	122	16	12	0.03	3.84	6
CO7710	CO7448	7.85	3 1-	4ACSR	0	0	659	157	13	1	1	0.00	3.84	0
CO7711	CO7710	7.89	2 1-	4ACSR	0	0	653	157	4	0	0	0.00	3.84	0
CO7552	CO7448	7.84	17 1-	4ACSR	0	0	660	157	108	14	11	0.02	3.86	4
CO7553	CO7552	7.91	17 1-	4ACSR	0	0	650	157	108	14	11	0.04	3.90	8
CO7554	CO7553	8.00	17 1-	4ACSR	0	0	638	156	108	14	11	0.06	3.96	10
CO7499	CO7554	8.04	0 1-	4ACSR	0	0	632	156	0	0	0	0.00	3.96	0
CO7449	CO7554	8.08	17 1-	4ACSR	0	0	628	155	108	14	11	0.05	4.01	10
OC-1368271817	CO7449	8.08	17 1-	20 N FUSE	0	0	628	155	108	14	75	0.00	4.01	0
CO7605	OC-1368271817	8.18	1 1-	4ACSR	0	0	614	154	6	0	1	0.00	4.02	0
CO7606	CO7605	8.23	1 1-	4ACSR	0	0	607	154	6	0	1	0.00	4.02	0
CO7450	OC-1368271817	8.11	16 1-	4ACSR	0	0	623	155	102	14	10	0.02	4.04	4
CO7500	CO7450	8.23	1 1-	4ACSR	0	0	608	154	19	2	2	0.01	4.04	0
CO7451	CO7450	8.33	15 1-	4ACSR	0	0	595	153	83	11	8	0.11	4.15	15
CO7453	CO7451	8.47	12 1-	4ACSR	0	0	578	152	71	9	7	0.06	4.21	7
CO7558	CO7453	8.52	9 1-	4ACSR	0	0	573	151	54	7	5	0.02	4.23	0
OC-1676478082	CO7558	8.52	9 1-	20 N FUSE	0	0	573	151	54	7	38	0.00	4.23	0
CO7708	OC-1676478082	8.62	9 1-	4ACSR	0	0	561	150	54	7	5	0.03	4.25	2
CO7709	CO7708	8.68	7 1-	4ACSR	0	0	555	150	36	5	4	0.01	4.27	0
CO7612	CO7709	8.72	4 1-	4ACSR	0	0	551	150	22	3	2	0.00	4.27	0
CO7613	CO7612	8.77	3 1-	4ACSR	0	0	545	149	19	2	2	0.00	4.28	0
CO7614	CO7613	8.87	1 1-	4ACSR	0	0	535	148	10	1	1	0.01	4.28	0
CO6407	CO7614	8.88	1 1-	4ACSR	0	0	535	148	10	1	1	0.00	4.28	0
CO6629	CO6407	8.90	0 1-	4ACSR	0	0	533	148	0	0	0	0.00	4.28	0
CO6628	CO6629	8.93	0 1-	4ACSR	0	0	529	148	0	0	0	0.00	4.28	0
CO7607	CO7709	8.71	2 1-	4ACSR	0	0	552	150	12	1	1	0.00	4.27	0
CO7608	CO7607	8.75	2 1-	4ACSR	0	0	547	149	12	1	1	0.00	4.27	0
CO7609	CO7608	8.78	1 1-	4ACSR	0	0	544	149	3	0	0	0.00	4.27	0
CO7610	CO7609	8.81	1 1-	4ACSR	0	0	541	149	3	0	0	0.00	4.27	0
CO7611	CO7610	8.85	1 1-	4ACSR	0	0	537	148	3	0	0	0.00	4.27	0
CO7503	CO7453	8.51	2 1-	4ACSR	0	0	574	151	9	1	1	0.00	4.21	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7502	CO7453	8.55	1 1-	4ACSR	0	0	570	151	8	1	1	0.00	4.21	0
CO7452	CO7451	8.46	3 1-	4ACSR	0	0	579	152	12	1	1	0.01	4.16	0
CO7555	CO7452	8.63	3 1-	4ACSR	0	0	560	150	12	1	1	0.01	4.16	0
CO7556	CO7555	8.83	1 1-	4ACSR	0	0	539	149	0	0	0	0.00	4.16	0
CO7557	CO7556	9.06	1 1-	4ACSR	0	0	516	147	0	0	0	0.00	4.16	0
CO7501	CO7452	8.59	0 1-	4ACSR	0	0	565	151	0	0	0	0.00	4.16	0
CO6630	CO6714	7.62	2 1-	4ACSR	0	0	694	160	15	2	1	0.01	3.65	0
CO6446	CO6630	7.65	1 1-	4ACSR	0	0	689	159	14	1	1	0.00	3.65	0
CO6631	CO6630	7.64	1 1-	4ACSR	0	0	691	159	0	0	0	0.00	3.65	0
CO6357	CO6358	7.41	87 3-	4/0ACSR	1039	954	736	163	850	38	11	0.05	3.37	57
CO6356	CO6357	7.45	80 3-	4/0ACSR	1034	949	732	162	788	36	11	0.01	3.38	14
CO6479	CO6356	7.60	3 3-	2ACSR	1005	925	712	161	187	8	5	0.03	3.42	10
OC587102266	CO6479	7.60	3 3-	20 N FUSE	1005	925	712	161	187	8	43	0.00	3.42	0
CO6748	OC587102266	7.61	3 3-	2ACSR	1002	922	710	161	187	8	5	0.00	3.42	0
CO6749	CO6748	7.69	2 3-	2ACSR	989	911	700	161	14	0	0	0.00	3.42	0
CO6839	CO6749	7.77	1 3-	1/0PRIURD	984	907	692	340	11	0	0	0.00	3.42	0
CO30654	CO6749	7.84	1 1-	4ACSR	0	0	676	159	3	0	0	0.00	3.42	0
OC1306854553	CO30654	7.84	1 1-	20 N FUSE	0	0	676	159	3	0	2	0.00	3.42	0
CO7619	OC1306854553	7.89	1 1-	4ACSR	0	0	670	159	3	0	0	0.00	3.42	0
CO7620	CO7619	7.95	1 1-	4ACSR	0	0	662	158	3	0	0	0.00	3.42	0
330102135	CO6748	7.61	1 3-	Consumer	1002	922	710	161	173	7	0	0.00	3.42	0
CO6688	CO6356	7.48	77 3-	4/0ACSR	1029	945	729	162	601	27	8	0.01	3.39	8
CO12952	CO6688	7.71	77 3-	4/0ACSR	1000	919	707	162	601	27	8	0.06	3.45	49
CO12989	CO12952	7.85	2 1-	4ACSR	0	0	686	160	44	6	4	0.02	3.47	0
OC1009927014	CO12989	7.85	0 1-	20 N FUSE	0	0	686	160	0	0	0	0.00	3.47	0
CO12951	CO12952	7.73	73 3-	4/0ACSR	998	917	706	162	547	25	7	0.00	3.45	3
CO13102	CO12951	7.79	3 1-	4ACSR	0	0	696	161	15	1	1	0.00	3.46	0
OC1962896989	CO13102	7.79	1 1-	20 N FUSE	0	0	696	161	11	1	8	0.00	3.46	0
CO13101	OC1962896989	7.87	1 1-	4ACSR	0	0	684	160	11	1	1	0.00	3.46	0
CO13002	CO12951	7.76	70 3-	4/0ACSR	994	914	703	162	532	24	7	0.01	3.46	5
CO13001	CO13002	7.83	70 3-	4/0ACSR	986	906	697	161	532	24	7	0.01	3.47	11
CO13034	CO13001	7.86	5 1-	4ACSR	0	0	692	161	45	6	4	0.01	3.48	0
OC-2036069136	CO13034	7.86	4 1-	20 N FUSE	0	0	692	161	28	3	19	0.00	3.48	0
CO13035	OC-2036069136	7.88	4 1-	4ACSR	0	0	689	161	28	3	3	0.00	3.48	0
CO13036	CO13035	7.96	1 1-	4ACSR	0	0	678	160	6	0	1	0.00	3.49	0
CO13033	CO13001	7.87	64 3-	4/0ACSR	981	901	693	161	477	21	6	0.01	3.48	7
CO13032	CO13033	7.98	64 3-	4/0ACSR	969	890	684	161	477	21	6	0.02	3.50	14
CO12988	CO13032	8.14	2 1-	4ACSR	0	0	661	159	3	0	0	0.00	3.51	0
OC-1454285742	CO12988	8.14	0 1-	20 N FUSE	0	0	661	159	0	0	0	0.00	3.51	0
CO12987	CO13032	8.15	2 1-	4ACSR	0	0	660	159	14	1	1	0.01	3.51	0
OC1638385423	CO12987	8.15	0 1-	20 N FUSE	0	0	660	159	0	0	0	0.00	3.51	0
CO12950	CO13032	8.11	59 3-	4/0ACSR	953	876	673	160	447	20	6	0.02	3.53	16
CO12953	CO12950	8.21	42 3-	2ACSR	936	862	661	160	341	15	9	0.04	3.57	23
CO13000	CO12953	8.26	41 1-	2ACSR	0	0	655	159	289	39	22	0.06	3.63	28
OC925964915	CO13000	8.26	41 1-	70 L OCR	0	0	655	159	289	39	57	0.00	3.63	0
CO17218	OC925964915	8.30	41 1-	2ACSR	0	0	651	159	289	39	22	0.05	3.68	22
CO2089196102	CO17218	8.35	1 1-	2ACSR	0	0	646	159	12	1	1	0.00	3.68	0
CO14893	CO17218	8.35	39 1-	2ACSR	0	0	645	159	276	37	21	0.06	3.74	26
CO14892	CO14893	8.45	39 1-	2ACSR	0	0	635	158	276	37	21	0.11	3.84	47
CO14891	CO14892	8.52	37 1-	2ACSR	0	0	628	158	267	36	20	0.08	3.92	35
CO14810	CO14891	8.60	19 1-	2ACSR	0	0	619	157	132	18	10	0.04	3.97	9
CO14988	CO14810	8.69	6 1-	2ACSR	0	0	610	157	36	4	3	0.01	3.98	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14992	CO14988	8.73	3 1-	4ACSR	0	0	605	156	29	4	3	0.01	3.99	0
CO14991	CO14992	8.77	2 1-	4ACSR	0	0	601	156	25	3	2	0.00	3.99	0
CO1349416517	CO14991	8.91	1 1-	2ACSR	0	0	587	155	14	1	1	0.00	4.00	0
CO14987	CO14988	8.77	3 1-	2ACSR	0	0	602	156	7	0	0	0.00	3.98	0
CO966706038	CO14987	8.84	2 1-	2ACSR	0	0	596	156	0	0	0	0.00	3.98	0
CO-1206633433	CO966706038	8.90	2 1-	2ACSR	0	0	590	155	0	0	0	0.00	3.98	0
CO252571525	CO-1206633433	8.94	0 1-	2ACSR	0	0	586	155	0	0	0	0.00	3.98	0
CO-500618845	CO-1206633433	8.95	2 1-	2ACSR	0	0	586	155	0	0	0	0.00	3.98	0
CO-1949677770	CO-500618845	8.98	0 1-	2ACSR	0	0	582	155	0	0	0	0.00	3.98	0
CO-1802027497	CO-1949677770	9.04	0 1-	2ACSR	0	0	577	154	0	0	0	0.00	3.98	0
CO1073353669	CO-1802027497	9.10	0 1-	2ACSR	0	0	572	154	0	0	0	0.00	3.98	0
CO-6134816	CO-500618845	8.97	2 1-	2ACSR	0	0	583	155	0	0	0	0.00	3.98	0
CO476106124	CO-6134816	9.02	1 1-	2ACSR	0	0	579	154	0	0	0	0.00	3.98	0
CO14888	CO476106124	9.09	1 1-	2ACSR	0	0	573	154	0	0	0	0.00	3.98	0
CO1741316382	CO14888	9.13	1 1-	2ACSR	0	0	569	154	0	0	0	0.00	3.98	0
CO1509952656	CO14888	9.13	0 1-	2ACSR	0	0	569	154	0	0	0	0.00	3.98	0
CO14986	CO14987	8.84	1 1-	2ACSR	0	0	596	156	6	0	0	0.00	3.98	0
CO14985	CO14986	8.91	1 1-	2ACSR	0	0	589	155	6	0	0	0.00	3.99	0
CO14984	CO14810	8.71	11 1-	2ACSR	0	0	608	156	81	11	6	0.03	4.00	4
CO14983	CO14984	8.76	8 1-	2ACSR	0	0	603	156	59	8	5	0.01	4.01	0
CO14982	CO14983	8.85	4 1-	2ACSR	0	0	595	156	42	5	3	0.01	4.02	0
CO14981	CO14982	8.90	2 1-	2ACSR	0	0	590	155	17	2	1	0.00	4.02	0
CO14809	CO14891	8.57	18 1-	2ACSR	0	0	622	157	135	18	10	0.03	3.95	6
CO14980	CO14809	8.62	9 1-	2ACSR	0	0	617	157	56	7	4	0.01	3.96	0
CO14979	CO14980	8.74	7 1-	2ACSR	0	0	606	156	39	5	3	0.02	3.98	0
CO15093	CO14979	8.81	6 1-	2ACSR	0	0	598	156	39	5	3	0.01	3.99	0
CO15094	CO15093	8.86	3 1-	2ACSR	0	0	593	155	27	3	2	0.00	4.00	0
CO15119	CO15094	8.93	2 1-	2ACSR	0	0	587	155	18	2	1	0.00	4.00	0
CO14995	CO15119	8.97	2 1-	2ACSR	0	0	584	155	18	2	1	0.00	4.00	0
CO14978	CO14809	8.63	7 1-	2ACSR	0	0	616	157	67	9	5	0.01	3.97	0
CO14977	CO14978	8.70	6 1-	2ACSR	0	0	609	157	60	8	5	0.02	3.98	0
CO14976	CO14977	8.87	3 1-	2ACSR	0	0	593	155	40	5	3	0.02	4.00	0
CO14975	CO14976	8.91	1 1-	2ACSR	0	0	589	155	16	2	1	0.00	4.00	0
CO12990	CO12953	8.27	1 3-	2ACSR	927	854	655	159	52	2	1	0.00	3.57	0
CO12949	CO12950	8.27	17 3-	4/0ACSR	936	860	660	160	106	4	1	0.01	3.54	0
CO13100	CO12949	8.33	9 1-	4ACSR	0	0	652	159	55	7	5	0.02	3.56	0
OC-1768527664	CO13100	8.33	8 1-	20 N FUSE	0	0	652	159	55	7	38	0.00	3.56	0
CO17220	OC-1768527664	8.39	8 1-	4ACSR	0	0	644	159	55	7	5	0.02	3.58	0
CO14966	CO17220	8.42	6 1-	4ACSR	0	0	640	159	45	6	4	0.01	3.58	0
CO15002	CO14966	8.49	2 1-	2ACSR	0	0	633	158	6	0	0	0.00	3.58	0
CO15001	CO14966	8.48	2 1-	2ACSR	0	0	634	158	22	3	2	0.00	3.59	0
CO14965	CO14966	8.48	1 1-	4ACSR	0	0	632	158	12	1	1	0.00	3.58	0
CO14855	CO14966	8.45	1 1-	2ACSR	0	0	637	158	4	0	0	0.00	3.58	0
CO12986	CO12949	8.35	1 1-	4ACSR	0	0	650	159	1	0	0	0.00	3.54	0
OC-2045231124	CO12986	8.35	0 1-	20 N FUSE	0	0	650	159	0	0	0	0.00	3.54	0
CO12947	CO12949	8.42	7 3-	4/0ACSR	920	846	648	160	50	2	1	0.00	3.54	0
CO17219	CO12947	8.47	1 1-	4ACSR	0	0	642	159	2	0	0	0.00	3.54	0
OC2064558829	CO17219	8.47	0 1-	20 N FUSE	0	0	642	159	0	0	0	0.00	3.54	0
CO12948	CO12947	8.52	6 3-	4/0ACSR	910	837	641	159	48	2	1	0.00	3.54	0
CO17217	CO12948	8.57	1 1-	4ACSR	0	0	634	159	14	1	1	0.00	3.54	0
OC488065821	CO17217	8.57	0 1-	20 N FUSE	0	0	634	159	0	0	0	0.00	3.54	0
CO17216	CO12948	8.58	5 3-	1/0ACSR	901	829	635	159	33	1	1	0.00	3.54	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1439089210	CO17216	8.62	0 3-	2ACSR	896	825	631	159	0	0	0	0.00	3.54	0
CO15092	CO17216	8.67	5 1-	4ACSR	0	0	624	158	33	4	3	0.02	3.56	0
OC-946547093	CO15092	8.67	4 1-	20 N FUSE	0	0	624	158	27	3	18	0.00	3.56	0
CO15095	OC-946547093	8.72	4 1-	4ACSR	0	0	619	158	27	3	3	0.01	3.56	0
CO14964	CO15095	8.77	3 1-	4ACSR	0	0	612	157	13	1	1	0.00	3.57	0
CO6561	CO6357	7.47	6 1-	4ACSR	0	0	726	162	47	6	5	0.02	3.39	0
OC518195889	CO6561	7.47	6 1-	20 N FUSE	0	0	726	162	47	6	32	0.00	3.39	0
CO6560	OC518195889	7.53	6 1-	4ACSR	0	0	717	161	47	6	5	0.01	3.40	0
CO6700	CO6560	7.56	5 1-	4ACSR	0	0	712	161	37	5	4	0.01	3.41	0
CO6701	CO6700	7.58	4 1-	4ACSR	0	0	708	161	30	4	3	0.00	3.41	0
CO6702	CO6701	7.62	3 1-	4ACSR	0	0	702	160	19	2	2	0.00	3.42	0
CO6840	CO6702	7.69	1 1-	1/0PRIURD	0	0	694	339	6	0	1	0.00	3.42	0
CO6563	CO6719	7.23	4 1-	4ACSR	0	0	747	162	5	0	0	0.00	3.26	0
OC1721381819	CO6563	7.23	1 1-	20 N FUSE	0	0	747	162	0	0	0	0.00	3.26	0
CO6562	OC1721381819	7.30	1 1-	4ACSR	0	0	734	162	0	0	0	0.00	3.26	0
CO6715	CO6719	7.18	7 1-	4ACSR	0	0	756	163	31	4	3	0.01	3.26	0
OC2007396425	CO6715	7.18	5 1-	20 N FUSE	0	0	756	163	17	2	11	0.00	3.26	0
CO6717	OC2007396425	7.22	5 1-	4ACSR	0	0	748	162	17	2	2	0.00	3.27	0
CO6716	CO6717	7.29	3 1-	4ACSR	0	0	737	162	4	0	0	0.00	3.27	0
CO6564	CO6716	7.34	2 1-	4ACSR	0	0	727	161	3	0	0	0.00	3.27	0
CO6692	CO6359	7.04	36 1-	4ACSR	0	0	768	163	301	41	29	0.12	3.31	61
CO6693	CO6692	7.09	35 1-	4ACSR	0	0	760	163	282	38	28	0.07	3.38	33
OC1211387813	CO6693	7.09	34 1-	20 N FUSE	0	0	760	163	269	36	185	0.00	3.38	0
CO6362	OC1211387813	7.18	33 1-	4ACSR	0	0	744	162	257	35	25	0.15	3.53	61
CO6721	CO6362	7.26	32 1-	4ACSR	0	0	731	161	247	33	24	0.11	3.64	45
CO6722	CO6721	7.35	31 1-	4ACSR	0	0	715	160	241	33	24	0.14	3.77	54
CO6568	CO6722	7.41	29 1-	4ACSR	0	0	706	160	220	30	22	0.07	3.85	27
CO6569	CO6568	7.43	0 1-	4ACSR	0	0	702	159	0	0	0	0.00	3.85	0
CO6411	CO6568	7.47	27 1-	4ACSR	0	0	696	159	211	29	21	0.08	3.93	27
CO6695	CO6411	7.54	25 1-	4ACSR	0	0	684	158	191	26	19	0.08	4.01	26
CO6728	CO6695	7.63	23 1-	4ACSR	0	0	671	157	183	25	18	0.10	4.11	29
CO6573	CO6728	7.73	4 1-	4ACSR	0	0	657	157	31	4	3	0.02	4.12	0
CO6575	CO6573	7.78	2 1-	4ACSR	0	0	649	156	22	3	2	0.01	4.13	0
CO6574	CO6575	7.83	1 1-	4ACSR	0	0	642	156	9	1	1	0.00	4.13	0
CO6572	CO6728	7.65	2 1-	4ACSR	0	0	668	157	31	4	3	0.00	4.11	0
CO6729	CO6572	7.70	2 1-	4ACSR	0	0	661	157	31	4	3	0.00	4.12	0
CO6730	CO6729	7.75	0 1-	4ACSR	0	0	654	156	0	0	0	0.00	4.12	0
CO6363	CO6728	7.72	14 1-	4ACSR	0	0	658	157	95	13	9	0.05	4.16	8
CO6364	CO6363	7.76	13 1-	4ACSR	0	0	651	156	86	11	9	0.02	4.18	3
CO6732	CO6364	7.86	6 1-	4ACSR	0	0	638	155	27	3	3	0.01	4.19	0
CO6733	CO6732	7.93	5 1-	4ACSR	0	0	628	155	19	2	2	0.01	4.20	0
CO8347	CO6733	8.00	5 1-	4ACSR	0	0	619	154	19	2	2	0.01	4.21	0
CO7559	CO8347	8.09	5 1-	4ACSR	0	0	608	153	19	2	2	0.01	4.22	0
CO7560	CO7559	8.29	4 1-	4ACSR	0	0	583	151	15	2	1	0.02	4.23	0
CO7508	CO7560	8.40	1 1-	4ACSR	0	0	570	150	10	1	1	0.00	4.24	0
CO7507	CO7560	8.51	0 1-	4ACSR	0	0	557	150	0	0	0	0.00	4.23	0
CO46856859	CO7559	8.19	1 1-	2ACSR	0	0	598	153	4	0	0	0.00	4.22	0
CO6731	CO6364	7.86	5 1-	4ACSR	0	0	638	155	43	5	4	0.02	4.20	0
CO6696	CO6731	7.87	4 1-	4ACSR	0	0	637	155	31	4	3	0.00	4.20	0
CO6570	CO6696	7.97	0 1-	4ACSR	0	0	623	154	0	0	0	0.00	4.20	0
SW1957362924-B	CO6570	7.97	0 1-	Closed	0	0	623	154	0	0	0	0.00	4.20	0
SW1957362924-A	SW1957362924-B	7.97	0 1-	Closed	0	0	623	154	0	0	0	0.00	4.20	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6571	SW1957362924-A	8.12	0 1-	4ACSR	0	0	603	153	0	0	0	0.00	4.20	0
CO6409	CO6696	7.92	2 1-	4ACSR	0	0	630	155	15	2	1	0.00	4.21	0
CO6410	CO6363	7.81	1 1-	4ACSR	0	0	645	156	9	1	1	0.00	4.16	0
CO6673	CO6728	7.68	2 1-	2ACSR	0	0	665	157	19	2	1	0.00	4.11	0
CO6674	CO6673	7.71	2 1-	2ACSR	0	0	661	157	19	2	1	0.00	4.11	0
CO6694	CO6411	7.64	1 1-	4ACSR	0	0	669	157	12	1	1	0.01	3.93	0
CO6567	CO6722	7.42	1 1-	4ACSR	0	0	704	159	10	1	1	0.00	3.78	0
CO6408	CO6362	7.21	0 1-	4ACSR	0	0	739	161	0	0	0	0.00	3.53	0
CO6565	OC1211387813	7.16	1 1-	4ACSR	0	0	747	162	12	1	1	0.00	3.38	0
CO6566	CO6565	7.21	0 1-	4ACSR	0	0	739	161	0	0	0	0.00	3.38	0
CO6482	CO6360	6.94	5 1-	4ACSR	0	0	777	163	31	4	3	0.02	3.12	0
CO6481	CO6482	6.95	5 1-	4ACSR	0	0	775	163	31	4	3	0.00	3.12	0
CO6576	CO6481	7.04	1 1-	4ACSR	0	0	758	162	15	2	1	0.01	3.13	0
CO6577	CO6576	7.06	1 1-	4ACSR	0	0	754	162	15	2	1	0.00	3.13	0
CO6412	CO6481	7.00	1 1-	4ACSR	0	0	766	163	10	1	1	0.00	3.12	0
CO6581	CO6727	6.72	3 1-	4ACSR	0	0	804	164	18	2	2	0.01	2.99	0
OC1583645423	CO6581	6.72	2 1-	20 N FUSE	0	0	804	164	13	1	9	0.00	2.99	0
CO6725	OC1583645423	6.76	2 1-	4ACSR	0	0	796	164	13	1	1	0.00	2.99	0
CO6726	CO6725	6.82	2 1-	4ACSR	0	0	785	163	13	1	1	0.00	2.99	0
CO6580	CO6726	6.83	1 1-	4ACSR	0	0	782	163	2	0	0	0.00	2.99	0
CO6736	CO6727	6.71	7 1-	4ACSR	0	0	806	164	39	5	4	0.01	3.00	0
OC660729554	CO6736	6.71	5 1-	20 N FUSE	0	0	806	164	36	4	24	0.00	3.00	0
CO6737	OC660729554	6.76	5 1-	4ACSR	0	0	796	164	36	4	3	0.01	3.01	0
CO6734	CO6737	6.80	5 1-	4ACSR	0	0	788	163	35	4	3	0.01	3.01	0
CO6735	CO6734	6.83	3 1-	4ACSR	0	0	782	163	17	2	2	0.00	3.02	0
CO6579	CO6735	6.90	1 1-	4ACSR	0	0	769	162	9	1	1	0.00	3.02	0
CO6413	CO6735	6.88	2 1-	4ACSR	0	0	773	162	8	1	1	0.00	3.02	0
CO6414	CO6698	6.66	1 1-	4ACSR	0	0	808	164	12	1	1	0.00	2.91	0
OC-984586152	CO6414	6.66	0 1-	20 N FUSE	0	0	808	164	0	0	0	0.00	2.91	0
CO6415	CO6365	6.27	1 1-	4ACSR	0	0	864	166	7	0	1	0.00	2.69	0
CO6416	CO6379	5.90	2 1-	4ACSR	0	0	911	166	21	2	2	0.01	2.41	0
OC-1987110480	CO6416	5.90	0 1-	20 N FUSE	0	0	911	166	0	0	0	0.00	2.41	0
CO6377	CO6379	5.85	66 1-	2ACSR	0	0	925	167	353	48	27	0.07	2.47	39
CO6430	CO6377	5.89	2 1-	2ACSR	0	0	917	167	4	0	0	0.00	2.47	0
CO6378	CO6377	5.91	64 1-	2ACSR	0	0	912	167	349	47	26	0.08	2.55	47
CO6469	CO6378	5.94	1 1-	2ACSR	0	0	906	166	3	0	0	0.00	2.55	0
CO6400	CO6378	5.97	63 1-	2ACSR	0	0	901	166	345	47	26	0.08	2.63	43
CO6844	CO6400	5.98	62 1-	2ACSR	0	0	899	166	339	46	26	0.01	2.64	5
OC187	CO6844	5.98	62 1-	70 L OCR	0	0	899	166	339	46	66	0.00	2.64	0
CO6845	OC187	6.05	62 1-	2ACSR	0	0	885	166	339	46	26	0.10	2.74	53
CO6776	CO6845	6.08	61 1-	2ACSR	0	0	878	165	338	46	26	0.05	2.79	26
CO6777	CO6776	6.16	60 1-	2ACSR	0	0	863	165	338	46	26	0.11	2.90	57
CO6432	CO6777	6.20	1 1-	2ACSR	0	0	855	165	7	0	0	0.00	2.90	0
CO6380	CO6777	6.23	58 1-	2ACSR	0	0	850	164	321	43	24	0.09	2.99	46
CO6495	CO6380	6.25	56 1-	2ACSR	0	0	844	164	313	42	24	0.04	3.02	19
CO6855	CO6495	6.26	2 1-	2ACSR	0	0	842	164	16	2	1	0.00	3.02	0
CO6856	CO6855	6.28	2 1-	2ACSR	0	0	840	164	16	2	1	0.00	3.03	0
CO6709	CO6856	6.33	1 1-	2ACSR	0	0	830	164	9	1	1	0.00	3.03	0
CO6496	CO6495	6.28	54 1-	2ACSR	0	0	840	164	296	40	23	0.03	3.05	13
CO6551	CO6496	6.35	53 1-	2ACSR	0	0	828	163	296	40	23	0.08	3.13	39
CO6552	CO6551	6.53	51 1-	2ACSR	0	0	794	162	292	40	22	0.22	3.36	102
CO6553	CO6552	6.59	26 1-	2ACSR	0	0	786	162	130	17	10	0.03	3.39	6

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6554	CO6553	6.63	25 1-	2ACSR	0	0	778	162	129	17	10	0.02	3.41	5
CO6774	CO6554	6.68	21 1-	2ACSR	0	0	770	161	93	12	7	0.02	3.43	3
CO6775	CO6774	6.76	21 1-	2ACSR	0	0	758	161	93	12	7	0.03	3.46	4
OC994449990	CO6775	6.76	20 1-	20 N FUSE	0	0	758	161	81	11	56	0.00	3.46	0
CO6857	OC994449990	6.88	9 1-	2ACSR	0	0	740	160	36	4	3	0.02	3.47	0
CO6858	CO6857	6.90	9 1-	2ACSR	0	0	737	160	36	4	3	0.00	3.48	0
CO6559	CO6858	6.95	6 1-	2ACSR	0	0	729	159	23	3	2	0.00	3.48	0
CO6558	CO6559	7.10	6 1-	2ACSR	0	0	708	158	23	3	2	0.01	3.50	0
CO6612	CO6558	7.15	4 1-	2ACSR	0	0	702	158	15	2	1	0.00	3.50	0
CO6610	CO6612	7.19	2 1-	2ACSR	0	0	697	158	9	1	1	0.00	3.50	0
CO6611	CO6610	7.24	1 1-	2ACSR	0	0	690	158	8	1	1	0.00	3.50	0
CO6383	CO6558	7.16	2 1-	4ACSR	0	0	699	158	8	1	1	0.00	3.50	0
CO6609	CO6383	7.24	2 1-	2ACSR	0	0	689	157	8	1	1	0.00	3.50	0
CO6438	CO6609	7.25	1 1-	4ACSR	0	0	687	157	7	0	1	0.00	3.50	0
CO6608	CO6609	7.26	1 1-	2ACSR	0	0	685	157	1	0	0	0.00	3.50	0
CO6555	CO6858	7.08	2 1-	2ACSR	0	0	711	159	13	1	1	0.01	3.49	0
CO6557	CO6555	7.14	2 1-	2ACSR	0	0	703	158	13	1	1	0.00	3.49	0
CO6556	CO6557	7.32	0 1-	2ACSR	0	0	679	157	0	0	0	0.00	3.49	0
CO6851	CO6556	7.56	0 1-	4ACSR	0	0	644	155	0	0	0	0.00	3.49	0
CO6852	CO6851	7.56	0 1-	4ACSR	0	0	643	155	0	0	0	0.00	3.49	0
CO6437	OC994449990	6.81	1 1-	2ACSR	0	0	750	160	2	0	0	0.00	3.46	0
CO6405	OC994449990	6.79	10 1-	2ACSR	0	0	753	160	43	5	3	0.01	3.46	0
CO6859	CO6405	6.93	2 1-	2ACSR	0	0	733	160	12	1	1	0.01	3.47	0
CO6860	CO6859	7.00	2 1-	2ACSR	0	0	722	159	12	1	1	0.00	3.47	0
CO6607	CO6860	7.05	1 1-	2ACSR	0	0	715	159	12	1	1	0.00	3.48	0
CO6768	CO6405	6.86	5 1-	2ACSR	0	0	742	160	26	3	2	0.01	3.47	0
CO6769	CO6768	6.94	4 1-	2ACSR	0	0	731	159	21	2	2	0.00	3.47	0
CO6678	CO6769	7.08	1 1-	2ACSR	0	0	711	159	9	1	1	0.00	3.48	0
CO6637	CO6554	6.70	2 1-	2ACSR	0	0	768	161	24	3	2	0.01	3.41	0
CO6638	CO6637	6.74	1 1-	2ACSR	0	0	761	161	12	1	1	0.00	3.42	0
CO6434	CO6552	6.61	1 1-	2ACSR	0	0	782	162	0	0	0	0.00	3.36	0
CO-941611886	CO6552	6.63	23 1-	2ACSR	0	0	779	162	144	19	11	0.06	3.41	13
CO1658766723	CO-941611886	6.68	1 1-	2ACSR	0	0	770	161	10	1	1	0.00	3.41	0
CO-912023170	CO-941611886	6.69	22 1-	2ACSR	0	0	770	161	134	18	10	0.03	3.45	7
CO6682	CO-912023170	6.75	22 1-	2ACSR	0	0	760	161	134	18	10	0.03	3.48	7
CO6478	CO6682	6.81	1 1-	2ACSR	0	0	751	160	0	0	0	0.00	3.48	0
CO6477	CO6682	6.80	20 1-	2ACSR	0	0	752	160	129	17	10	0.03	3.51	6
CO6599	CO6477	6.88	2 1-	2ACSR	0	0	741	160	16	2	1	0.00	3.51	0
CO6597	CO6599	6.94	1 1-	2ACSR	0	0	731	159	5	0	0	0.00	3.51	0
CO6598	CO6597	7.01	1 1-	2ACSR	0	0	721	159	5	0	0	0.00	3.51	0
CO6381	CO6477	6.86	17 1-	2ACSR	0	0	743	160	106	14	8	0.02	3.53	4
CO6602	CO6381	6.89	2 1-	2ACSR	0	0	738	160	21	2	2	0.00	3.53	0
CO6600	CO6602	6.93	1 1-	2ACSR	0	0	732	160	11	1	1	0.00	3.54	0
CO6601	CO6600	6.99	1 1-	2ACSR	0	0	724	159	11	1	1	0.00	3.54	0
CO6498	CO6381	6.91	15 1-	2ACSR	0	0	735	160	85	11	6	0.02	3.55	3
CO6834	CO6498	6.94	15 1-	2ACSR	0	0	731	159	85	11	6	0.01	3.56	0
CO6835	CO6834	6.97	15 1-	2ACSR	0	0	727	159	85	11	6	0.01	3.57	0
CO6772	CO6835	7.03	13 1-	2ACSR	0	0	718	159	83	11	6	0.02	3.59	3
CO6773	CO6772	7.08	12 1-	2ACSR	0	0	711	159	83	11	6	0.02	3.61	2
CO6497	CO6773	7.24	11 1-	2ACSR	0	0	689	157	72	9	5	0.05	3.66	5
CO6603	CO6497	7.31	2 1-	2ACSR	0	0	681	157	15	2	1	0.00	3.66	0
CO6770	CO6603	7.37	2 1-	2ACSR	0	0	673	157	15	2	1	0.00	3.66	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6771	CO6770	7.44	1 1-	2ACSR	0	0	664	156	5	0	0	0.00	3.66	0
CO6499	CO6497	7.28	8 1-	2ACSR	0	0	684	157	50	6	4	0.01	3.66	0
CO6500	CO6499	7.35	8 1-	2ACSR	0	0	676	157	50	6	4	0.01	3.68	0
CO6501	CO6500	7.42	1 1-	2ACSR	0	0	668	156	2	0	0	0.00	3.68	0
CO6502	CO6501	7.48	1 1-	2ACSR	0	0	659	156	2	0	0	0.00	3.68	0
CO6435	CO6502	7.54	1 1-	2ACSR	0	0	653	156	2	0	0	0.00	3.68	0
CO6436	CO6500	7.39	1 1-	2ACSR	0	0	671	157	6	0	0	0.00	3.68	0
CO6382	CO6500	7.46	6 1-	4ACSR	0	0	659	156	42	5	4	0.03	3.71	0
CO6606	CO6382	7.54	5 1-	2ACSR	0	0	650	155	33	4	2	0.01	3.72	0
CO6604	CO6606	7.60	5 1-	2ACSR	0	0	642	155	33	4	2	0.01	3.73	0
CO6605	CO6604	7.65	5 1-	2ACSR	0	0	637	155	33	4	2	0.01	3.73	0
CO8332	CO6605	7.80	4 1-	2ACSR	0	0	620	154	21	2	2	0.01	3.74	0
CO6838	CO6605	7.72	1 1-	1/0PRIURD	0	0	631	315	12	1	1	0.00	3.73	0
CO6476	CO6606	7.58	0 1-	2ACSR	0	0	645	155	0	0	0	0.00	3.72	0
CO6433	CO6382	7.49	1 1-	2ACSR	0	0	655	156	9	1	1	0.00	3.71	0
CO6679	CO6773	7.16	1 1-	2ACSR	0	0	701	158	11	1	1	0.00	3.61	0
CO6680	CO6679	7.22	1 1-	2ACSR	0	0	693	158	11	1	1	0.00	3.61	0
CO6472	CO6380	6.34	2 1-	2ACSR	0	0	828	164	8	1	1	0.00	2.99	0
CO6431	CO6400	5.99	1 1-	2ACSR	0	0	897	166	7	0	0	0.00	2.63	0
CO6475	CO6486	5.52	0 1-	2ACSR	0	0	979	168	0	0	0	0.00	2.09	0
OC2122367255	CO6475	5.52	0 1-	20 N FUSE	0	0	979	168	0	0	0	0.00	2.09	0
CO6471	CO6541	4.93	1 1-	2ACSR	0	0	1093	170	45	6	3	0.00	1.52	0
OC-1362802889	CO6471	4.93	0 1-	20 N FUSE	0	0	1093	170	0	0	0	0.00	1.52	0
CO6816	CO6547	4.84	4 1-	4ACSR	0	0	1107	170	15	2	1	0.00	1.46	0
OC236458931	CO6816	4.84	4 1-	20 N FUSE	0	0	1107	170	15	2	10	0.00	1.46	0
CO6817	OC236458931	4.89	4 1-	4ACSR	0	0	1091	169	15	2	1	0.00	1.46	0
CO6815	CO6817	4.92	3 1-	4ACSR	0	0	1080	169	15	2	1	0.00	1.47	0
CO6814	CO6815	4.95	3 1-	4ACSR	0	0	1071	169	15	2	1	0.00	1.47	0
CO6813	CO6814	5.01	2 1-	4ACSR	0	0	1050	168	4	0	0	0.00	1.47	0
CO6404	CO6538	4.47	17 1-	4ACSR	0	0	1177	170	102	13	10	0.04	1.18	6
CO6842	CO6404	4.47	11 1-	4ACSR	0	0	1174	170	59	7	6	0.00	1.18	0
OC186	CO6842	4.47	11 1-	15 H OCR	0	0	1174	170	59	7	53	0.00	1.18	0
CO6843	OC186	4.49	11 1-	4ACSR	0	0	1165	170	59	7	6	0.01	1.19	0
CO6515	CO6843	4.55	10 1-	4ACSR	0	0	1142	169	50	6	5	0.02	1.21	0
CO6811	CO6515	4.58	10 1-	4ACSR	0	0	1131	169	50	6	5	0.01	1.21	0
CO6812	CO6811	4.67	10 1-	4ACSR	0	0	1095	168	50	6	5	0.03	1.24	2
CO6514	CO6812	5.01	10 1-	4ACSR	0	0	977	165	50	6	5	0.10	1.34	8
CO6818	CO6514	5.10	7 1-	4ACSR	0	0	950	164	33	4	3	0.02	1.36	0
CO6819	CO6818	5.15	6 1-	4ACSR	0	0	935	163	33	4	3	0.01	1.37	0
CO6820	CO6819	5.24	5 1-	4ACSR	0	0	909	162	33	4	3	0.01	1.39	0
CO6459	CO6820	5.34	1 1-	4ACSR	0	0	883	161	4	0	0	0.00	1.39	0
CO6458	CO6820	5.33	1 1-	4ACSR	0	0	885	162	1	0	0	0.00	1.39	0
CO6395	CO6820	5.43	2 1-	4ACSR	0	0	858	161	16	2	2	0.01	1.40	0
CO6520	CO6395	5.55	1 1-	4ACSR	0	0	827	159	9	1	1	0.01	1.41	0
CO6519	CO6520	5.56	1 1-	4ACSR	0	0	825	159	9	1	1	0.00	1.41	0
CO6461	CO6519	5.62	0 1-	4ACSR	0	0	812	159	0	0	0	0.00	1.41	0
CO6658	CO6519	5.73	1 1-	4ACSR	0	0	786	158	9	1	1	0.00	1.41	0
CO6659	CO6658	5.84	0 1-	4ACSR	0	0	763	157	0	0	0	0.00	1.41	0
CO6460	CO6395	5.62	0 1-	4ACSR	0	0	812	159	0	0	0	0.00	1.40	0
CO6653	CO6514	5.15	2 1-	4ACSR	0	0	936	163	17	2	2	0.01	1.35	0
CO6654	CO6653	5.18	1 1-	4ACSR	0	0	928	163	3	0	0	0.00	1.35	0
CO6516	CO6404	4.52	6 1-	4ACSR	0	0	1153	170	43	5	4	0.01	1.19	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-130436786	CO6516	4.52	6 1-	20 N FUSE	0	0	1153	170	43	5	29	0.00	1.19	0
CO6518	OC-130436786	4.55	6 1-	4ACSR	0	0	1143	169	43	5	4	0.01	1.20	0
CO6517	CO6518	4.57	4 1-	4ACSR	0	0	1135	169	41	5	4	0.01	1.21	0
CO6809	CO6517	4.63	3 1-	4ACSR	0	0	1110	169	36	4	3	0.01	1.22	0
CO6810	CO6809	4.75	2 1-	4ACSR	0	0	1068	167	17	2	2	0.01	1.23	0
CO6657	CO6810	4.80	2 1-	4ACSR	0	0	1047	167	17	2	2	0.01	1.23	0
CO6655	CO6657	4.85	2 1-	4ACSR	0	0	1031	166	17	2	2	0.00	1.24	0
CO6656	CO6655	4.89	1 1-	4ACSR	0	0	1018	166	17	2	2	0.00	1.24	0
CO6457	CO6517	4.61	1 1-	4ACSR	0	0	1120	169	5	0	0	0.00	1.21	0
CO6402	CO6401	3.96	13 1-	2ACSR	0	0	1304	172	71	9	5	0.00	0.81	0
OC-769278967	CO6402	3.96	13 1-	20 N FUSE	0	0	1304	172	71	9	47	0.00	0.81	0
CO5910	OC-769278967	4.05	13 1-	2ACSR	0	0	1268	171	71	9	5	0.02	0.83	3
CO6056	CO5910	4.12	3 1-	4ACSR	0	0	1232	170	6	0	1	0.00	0.83	0
CO6057	CO6056	4.20	2 1-	4ACSR	0	0	1199	170	3	0	0	0.00	0.84	0
CO6058	CO6057	4.27	0 1-	4ACSR	0	0	1166	169	0	0	0	0.00	0.84	0
CO5905	CO5910	4.12	10 1-	4ACSR	0	0	1233	170	65	8	6	0.03	0.86	3
CO5942	CO5905	4.18	1 1-	4ACSR	0	0	1207	170	0	0	0	0.00	0.86	0
CO5936	CO5905	4.16	1 1-	4ACSR	0	0	1213	170	2	0	0	0.00	0.86	0
CO5904	CO5905	4.19	5 1-	4ACSR	0	0	1203	170	51	6	5	0.02	0.88	0
CO5903	CO5904	4.26	5 1-	4ACSR	0	0	1170	169	51	6	5	0.02	0.90	0
CO5906	CO5903	4.47	5 1-	4ACSR	0	0	1085	167	51	6	5	0.06	0.96	5
CO6061	CO5906	4.54	3 1-	4ACSR	0	0	1060	166	26	3	3	0.01	0.98	0
CO6062	CO6061	4.71	3 1-	4ACSR	0	0	1000	164	26	3	3	0.02	0.99	0
CO6105	CO6062	4.71	0 1-	4ACSR	0	0	998	164	0	0	0	0.00	0.99	0
SW179-B	CO6105	4.71	0 1-	Closed	0	0	998	164	0	0	0	0.00	0.99	0
SW179-A	SW179-B	4.71	0 1-	Closed	0	0	998	164	0	0	0	0.00	0.99	0
CO6106	SW179-A	4.82	0 1-	4ACSR	0	0	963	163	0	0	0	0.00	0.99	0
CO6063	CO6106	5.12	0 1-	4ACSR	0	0	874	160	0	0	0	0.00	0.99	0
CO8336	CO6063	5.29	0 1-	4ACSR	0	0	830	159	0	0	0	0.00	0.99	0
CO6831	CO8336	5.31	0 1-	4ACSR	0	0	825	158	0	0	0	0.00	0.99	0
CO5938	CO6062	4.84	1 1-	4ACSR	0	0	957	163	10	1	1	0.00	1.00	0
CO5907	CO6062	4.79	1 1-	4ACSR	0	0	973	164	0	0	0	0.00	0.99	0
CO5894	CO5907	4.92	1 1-	4ACSR	0	0	933	162	0	0	0	0.00	0.99	0
CO5917	CO5894	5.01	0 1-	4ACSR	0	0	905	161	0	0	0	0.00	0.99	0
CO5916	CO5894	4.98	1 1-	4ACSR	0	0	913	162	0	0	0	0.00	0.99	0
CO5939	CO5916	5.11	1 1-	4ACSR	0	0	879	160	0	0	0	0.00	0.99	0
CO6059	CO5906	4.61	1 1-	4ACSR	0	0	1032	165	16	2	2	0.01	0.98	0
CO6060	CO6059	4.65	1 1-	4ACSR	0	0	1019	165	16	2	2	0.00	0.98	0
CO5937	CO5906	4.57	1 1-	4ACSR	0	0	1049	166	9	1	1	0.00	0.97	0
CO5909	CO6048	3.85	7 1-	4ACSR	0	0	1320	172	66	8	6	0.02	0.71	0
OC-1804703929	CO5909	3.85	6 1-	20 N FUSE	0	0	1320	172	61	8	41	0.00	0.71	0
CO6050	OC-1804703929	3.97	4 1-	4ACSR	0	0	1264	170	42	5	4	0.03	0.73	0
CO6051	CO6050	4.14	4 1-	4ACSR	0	0	1184	169	42	5	4	0.04	0.78	3
CO5941	CO6051	4.20	2 1-	4ACSR	0	0	1157	168	26	3	2	0.00	0.78	0
CO5940	CO6051	4.24	2 1-	4ACSR	0	0	1139	168	16	2	2	0.00	0.78	0
CO6049	OC-1804703929	3.91	2 1-	4ACSR	0	0	1292	171	19	2	2	0.01	0.71	0
CO8333	CO6049	3.99	0 1-	4ACSR	0	0	1254	170	0	0	0	0.00	0.71	0
CO5935	CO6049	3.99	1 1-	4ACSR	0	0	1254	170	14	1	1	0.00	0.71	0
CO5953	CO6046	3.47	1 1-	2ACSR	0	0	1435	173	3	0	0	0.00	0.38	0
OC1646585297	CO5953	3.47	0 1-	20 N FUSE	0	0	1435	173	0	0	0	0.00	0.38	0
CO6038	CO6041	3.23	2 1-	4ACSR	0	0	1511	173	13	1	1	0.00	0.17	0
OC1447339866	CO6038	3.23	2 1-	20 N FUSE	0	0	1511	173	13	1	9	0.00	0.17	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6039	OC1447339866	3.35	2 1-	4ACSR	0	0	1435	172	13	1	1	0.01	0.18	0
CO6043	CO6039	3.42	2 1-	4ACSR	0	0	1391	171	13	1	1	0.01	0.18	0
CO6044	CO6043	3.46	2 1-	4ACSR	0	0	1363	170	13	1	1	0.00	0.19	0
CO5943	CO6044	3.50	1 1-	1/0PRIURD	0	0	1352	407	10	1	1	0.00	0.19	0
CO6032	CO6031	3.04	2 1-	4ACSR	0	0	1575	173	1	0	0	0.00	3.16	0
OC-812945140	CO6032	3.04	2 1-	20 N FUSE	0	0	1575	173	1	0	1	0.00	3.16	0
CO6033	OC-812945140	3.22	2 1-	4ACSR	0	0	1450	171	1	0	0	0.00	3.16	0
CO6034	CO6033	3.32	1 1-	4ACSR	0	0	1388	170	0	0	0	0.00	3.16	0
CO6035	CO6034	3.39	1 1-	4ACSR	0	0	1345	170	0	0	0	0.00	3.16	0
CO5950	CO6031	3.02	0 1-	2ACSR	0	0	1596	174	0	0	0	0.00	3.16	0
OC-1367227704	CO5950	3.02	0 1-	20 N FUSE	0	0	1596	174	0	0	0	0.00	3.16	0
CO5951	CO6030	2.96	0 1-	2ACSR	0	0	1617	174	0	0	0	0.00	3.10	0
OC1473491658	CO5951	2.96	0 1-	20 N FUSE	0	0	1617	174	0	0	0	0.00	3.10	0
CO6018	CO5901	2.64	21 1-	4ACSR	0	0	1748	174	136	18	13	0.02	2.85	5
OC2044199005	CO6018	2.64	19 1-	20 N FUSE	0	0	1748	174	118	16	80	0.00	2.85	0
CO6019	OC2044199005	2.68	19 1-	4ACSR	0	0	1715	174	118	16	11	0.03	2.87	5
CO6023	CO6019	2.79	12 1-	4ACSR	0	0	1626	173	68	9	7	0.04	2.92	5
CO6024	CO6023	2.88	10 1-	4ACSR	0	0	1551	172	65	8	6	0.04	2.95	4
CO6027	CO6024	2.98	3 1-	4ACSR	0	0	1481	171	16	2	2	0.01	2.96	0
CO6028	CO6027	3.10	2 1-	4ACSR	0	0	1397	169	13	1	1	0.01	2.97	0
CO5924	CO6028	3.19	1 1-	4ACSR	0	0	1342	168	13	1	1	0.00	2.98	0
CO5923	CO6028	3.17	1 1-	4ACSR	0	0	1356	169	0	0	0	0.00	2.97	0
CO6025	CO6024	2.95	5 1-	4ACSR	0	0	1503	171	48	6	5	0.01	2.97	0
CO6026	CO6025	3.17	3 1-	4ACSR	0	0	1356	169	28	3	3	0.03	3.00	0
CO5926	CO6026	3.24	1 1-	4ACSR	0	0	1313	168	5	0	1	0.00	3.00	0
CO5925	CO6026	3.22	1 1-	4ACSR	0	0	1327	168	13	1	1	0.00	3.00	0
CO5927	CO6024	2.96	0 1-	4ACSR	0	0	1498	171	0	0	0	0.00	2.95	0
CO6020	CO6019	2.72	4 1-	4ACSR	0	0	1684	174	35	4	3	0.01	2.88	0
CO6021	CO6020	2.73	4 1-	4ACSR	0	0	1674	173	35	4	3	0.00	2.88	0
CO6022	CO6021	2.77	3 1-	4ACSR	0	0	1640	173	23	3	2	0.00	2.89	0
CO5944	CO6019	2.71	2 1-	4ACSR	0	0	1691	174	12	1	1	0.00	2.88	0
CO5954	CO5901	2.66	2 1-	2ACSR	0	0	1736	174	8	1	1	0.00	2.83	0
OC590949499	CO5954	2.66	0 1-	20 N FUSE	0	0	1736	174	0	0	0	0.00	2.83	0
CO5932	CO5901	2.69	1 1-	4ACSR	0	0	1711	174	11	1	1	0.00	2.83	0
OC-525888044	CO5932	2.69	0 1-	20 N FUSE	0	0	1711	174	0	0	0	0.00	2.83	0
CO5956	CO6010	2.31	1 1-	2ACSR	0	0	1910	175	0	0	0	0.00	2.48	0
OC2029277518	CO5956	2.31	0 1-	20 N FUSE	0	0	1910	175	0	0	0	0.00	2.48	0
CO5955	CO17311	2.18	2 1-	2ACSR	0	0	1995	175	51	6	4	0.00	2.39	0
OC1804394278	CO5955	2.18	0 1-	20 N FUSE	0	0	1995	175	0	0	0	0.00	2.39	0
CO6007	CO6006	2.14	1 3-	2ACSR	2571	2387	2014	175	92	4	2	0.00	2.35	0
CO6008	CO6007	2.19	1 3-	2ACSR	2521	2335	1968	175	92	4	2	0.00	2.35	0
CO5934	CO6005	2.07	3 1-	4ACSR	0	0	2049	175	40	5	4	0.01	2.26	0
OC441440448	CO5934	2.07	0 1-	20 N FUSE	0	0	2049	175	0	0	0	0.00	2.26	0
CO5947	CO5994	1.85	1 1-	2ACSR	0	0	2213	176	8	1	1	0.00	2.05	0
OC-1782245397	CO5947	1.85	0 1-	20 N FUSE	0	0	2213	176	0	0	0	0.00	2.05	0
CO5933	CO5902	1.58	1 1-	4ACSR	0	0	2409	176	4	0	0	0.00	1.75	0
OC-465991220	CO5933	1.58	0 1-	20 N FUSE	0	0	2409	176	0	0	0	0.00	1.75	0
CO5969	CO5968	1.32	5 1-	2ACSR	0	0	2697	177	33	4	2	0.00	1.50	0
OC1604883597	CO5969	1.32	4 1-	20 N FUSE	0	0	2697	177	21	2	14	0.00	1.50	0
CO5970	OC1604883597	1.38	4 1-	2ACSR	0	0	2586	177	21	2	2	0.00	1.51	0
CO5957	CO5965	1.18	2 1-	2ACSR	0	0	2834	177	15	2	1	0.00	1.32	0
OC1555229331	CO5957	1.18	0 1-	20 N FUSE	0	0	2834	177	0	0	0	0.00	1.32	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5949	CO5601	1.10	2 1-	2ACSR	0	0	2903	177	13	1	1	0.00	1.20	0
OC-342608185	CO5949	1.10	0 1-	20 N FUSE	0	0	2903	177	0	0	0	0.00	1.20	0
CO5560	CO5602	0.96	1 1-	2ACSR	0	0	3101	177	5	0	0	0.00	1.03	0
OC-512366437	CO5560	0.96	0 1-	20 N FUSE	0	0	3101	177	0	0	0	0.00	1.03	0
CO5559	CO5600	0.87	1 1-	2ACSR	0	0	3227	178	0	0	0	0.00	0.92	0
OC-1514970600	CO5559	0.87	0 1-	20 N FUSE	0	0	3227	178	0	0	0	0.00	0.92	0
CO-1405802674	CO-1660857539	0.00	454 3-	500 MCM ACSR 30	5512	5751	5816	180	2231	100	15	0.00	0.00	0
Muses Mill	CO-1405802674	0.00	454 3-	560 200WVE	5512	5751	5816	180	2231	100	18	0.00	0.00	0
CO941727467	Muses Mill	0.00	454 3-	500 MCM ACSR 30	5510	5748	5813	180	2231	100	15	0.00	0.00	0
CO934293526	CO941727467	0.02	454 3-	336ACSR	5471	5670	5734	180	2231	100	19	0.01	0.01	25
CO987216559	CO934293526	0.03	454 3-	336ACSR	5436	5604	5666	180	2231	100	19	0.01	0.02	22
CO1821578043	CO987216559	0.04	454 3-	336ACSR	5405	5543	5604	180	2231	100	19	0.01	0.03	21
CO-1463981735	CO1821578043	0.07	454 3-	336ACSR	5322	5393	5445	180	2231	100	19	0.02	0.05	55
CO-606580065	CO-1463981735	0.14	454 3-	336ACSR	5153	5177	5133	179	2230	100	19	0.04	0.09	119
CO1772670141	CO-606580065	0.24	454 3-	336ACSR	4916	4896	4720	179	2230	100	19	0.07	0.16	179
CO5344	CO1772670141	0.27	1 1-	4ACSR	0	0	4558	179	15	2	1	0.00	0.16	0
CO183102376	CO1772670141	0.31	453 3-	336ACSR	4755	4709	4493	179	2214	99	19	0.05	0.21	130
CO5346	CO183102376	0.35	1 1-	4ACSR	0	0	4286	179	7	0	1	0.00	0.21	0
CO-142093522	CO183102376	0.33	452 3-	336ACSR	4718	4667	4443	179	2206	99	19	0.01	0.22	30
CO-423970069	CO-142093522	0.41	452 3-	336ACSR	4548	4472	4213	179	2206	99	19	0.06	0.28	148
CO5366	CO-423970069	0.52	445 3-	1/0ACSR	4281	4173	3871	178	2173	97	43	0.17	0.45	566
CO5364	CO5366	0.61	445 3-	1/0ACSR	4057	3926	3599	178	2171	97	43	0.16	0.61	510
CO5365	CO5364	0.69	443 3-	1/0ACSR	3872	3725	3383	177	2142	96	42	0.14	0.75	445
CO5368	CO5365	0.75	428 3-	1/0ACSR	3743	3586	3238	177	2091	94	41	0.10	0.85	314
CO5369	CO5368	0.80	425 3-	1/0ACSR	3650	3485	3134	177	2072	93	41	0.08	0.92	238
FD-453038052	CO5369	0.80	423 3-	_DefaultBayEqui	3650	3485	3134	177	2069	93	0	0.00	0.92	0
CO5367	FD-453038052	0.93	423 3-	1/0ACSR	3406	3227	2873	176	2069	93	41	0.21	1.14	667
OC-453038052	CO5367	0.93	422 3-	20 N FUSE	3406	3227	2873	176	2060	93	467	0.00	1.14	0
CO5311	OC-453038052	1.13	381 3-	1/0ACSR	3089	2897	2549	175	1822	82	36	0.28	1.42	779
CO5347	CO5311	1.19	2 1-	4ACSR	0	0	2438	175	13	1	1	0.00	1.42	0
CO8314	CO5311	1.23	379 3-	1/0ACSR	2949	2754	2412	175	1805	82	36	0.14	1.56	384
CO5778	CO8314	1.42	2 1-	4ACSR	0	0	2096	173	15	2	1	0.02	1.58	0
CO8319	CO5778	1.56	1 1-	4ACSR	0	0	1910	171	15	2	1	0.01	1.59	0
CO5465	CO8319	1.60	1 1-	4ACSR	0	0	1862	171	15	2	1	0.00	1.59	0
CO5724	CO8314	1.46	377 3-	1/0ACSR	2669	2488	2146	174	1788	81	35	0.32	1.88	863
CO5779	CO5724	1.53	4 1-	4ACSR	0	0	2039	173	17	2	2	0.01	1.89	0
CO5780	CO5779	1.60	1 1-	4ACSR	0	0	1955	172	11	1	1	0.00	1.89	0
CO5740	CO5779	1.62	2 1-	4ACSR	0	0	1927	172	6	0	1	0.00	1.89	0
CO5723	CO5724	1.71	373 3-	1/0ACSR	2416	2255	1915	172	1768	80	35	0.34	2.22	918
CO5781	CO5723	1.74	4 1-	4ACSR	0	0	1874	172	30	4	3	0.01	2.23	0
CO5782	CO5781	1.80	3 1-	4ACSR	0	0	1809	171	21	2	2	0.01	2.23	0
CO5783	CO5782	1.82	1 1-	4ACSR	0	0	1785	171	10	1	1	0.00	2.23	0
CO5784	CO5783	1.88	1 1-	4ACSR	0	0	1725	171	10	1	1	0.00	2.24	0
CO5741	CO5782	1.89	2 1-	4ACSR	0	0	1709	170	11	1	1	0.00	2.24	0
CO5733	CO5723	1.76	369 3-	1/0ACSR	2363	2207	1868	172	1733	79	34	0.08	2.30	207
CO5751	CO5733	1.81	1 1-	4ACSR	0	0	1819	172	9	1	1	0.00	2.30	0
CO5732	CO5733	1.86	368 3-	1/0ACSR	2282	2132	1795	172	1723	78	34	0.13	2.43	335
CO5877	CO5732	1.86	4 1-	4ACSR	0	0	1788	172	9	1	1	0.00	2.43	0
OC170	CO5877	1.86	4 1-	10 N FUSE	0	0	1788	172	9	1	12	0.00	2.43	0
CO5878	OC170	1.94	4 1-	4ACSR	0	0	1711	171	9	1	1	0.00	2.43	0
CO5787	CO5878	2.08	2 1-	4ACSR	0	0	1578	169	8	1	1	0.01	2.44	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5788	CO5787	2.11	1 1-	4ACSR	0	0	1554	169	7	1	1	0.00	2.44	0
CO5742	CO5878	2.10	1 1-	4ACSR	0	0	1565	169	0	0	0	0.00	2.43	0
CO1150291051	CO5742	2.13	1 1-	2ACSR	0	0	1545	169	0	0	0	0.00	2.43	0
CO1433233614	CO1150291051	2.22	1 1-	2ACSR	0	0	1485	168	0	0	0	0.00	2.43	0
CO1111028131	CO1433233614	2.29	1 1-	2ACSR	0	0	1444	168	0	0	0	0.00	2.43	0
CO754935578	CO1111028131	2.35	1 1-	2ACSR	0	0	1409	167	0	0	0	0.00	2.43	0
CO5785	CO5732	1.93	2 1-	4ACSR	0	0	1721	171	15	1	1	0.00	2.43	0
CO5786	CO5785	1.97	0 1-	4ACSR	0	0	1676	170	0	0	0	0.00	2.43	0
CO5743	CO5785	2.02	1 1-	4ACSR	0	0	1634	170	3	0	0	0.00	2.43	0
CO5729	CO5732	2.17	362 3-	1/0ACSR	2045	1914	1589	170	1698	77	34	0.42	2.84	1084
CO5789	CO5729	2.23	6 1-	4ACSR	0	0	1538	170	26	3	3	0.01	2.85	0
CO5791	CO5789	2.29	3 1-	4ACSR	0	0	1493	169	16	2	2	0.01	2.86	0
CO5792	CO5791	2.32	3 1-	4ACSR	0	0	1467	169	16	2	2	0.00	2.86	0
CO5793	CO5792	2.35	2 1-	4ACSR	0	0	1443	168	6	0	1	0.00	2.86	0
CO5744	CO5792	2.40	1 1-	4ACSR	0	0	1412	168	10	1	1	0.00	2.87	0
CO5790	CO5789	2.30	3 1-	4ACSR	0	0	1486	169	10	1	1	0.00	2.86	0
CO5728	CO5729	2.24	356 3-	1/0ACSR	2000	1873	1552	170	1667	76	33	0.09	2.93	223
FD1046893362	CO5728	2.24	273 3-	_DefaultBayEqui	2000	1873	1552	170	1227	56	0	0.00	2.93	0
CO5727	FD1046893362	2.32	273 3-	1/0ACSR	1946	1823	1505	169	1227	56	25	0.08	3.01	154
OC1046893362	CO5727	2.32	265 3-	20 N FUSE	1946	1823	1505	169	1171	53	269	0.00	3.01	0
CO5726	OC1046893362	2.43	265 3-	1/0ACSR	1878	1761	1448	169	1171	53	23	0.10	3.12	189
CO5824	CO5726	2.50	262 3-	1/0ACSR	1840	1726	1416	169	1151	52	23	0.06	3.18	107
CO5825	CO5824	2.54	262 3-	1/0ACSR	1819	1707	1399	168	1151	52	23	0.03	3.21	61
CO5881	CO5825	2.55	12 1-	6ACWC	0	0	1395	168	92	12	9	0.00	3.22	0
OC169	CO5881	2.55	12 1-	10 N FUSE	0	0	1395	168	92	12	127	0.00	3.22	0
CO5882	OC169	2.64	12 1-	6ACWC	0	0	1333	167	92	12	9	0.05	3.27	7
CO5821	CO5882	2.73	11 1-	6ACWC	0	0	1279	166	80	11	8	0.04	3.31	6
CO5826	CO5821	2.79	1 1-	6ACWC	0	0	1249	166	7	0	1	0.00	3.31	0
CO5731	CO5821	2.78	10 1-	6ACWC	0	0	1251	166	73	10	7	0.02	3.33	3
CO5831	CO5731	2.84	8 1-	6ACWC	0	0	1221	165	65	8	6	0.02	3.36	2
CO5832	CO5831	2.96	5 1-	6ACWC	0	0	1160	164	39	5	4	0.03	3.38	0
CO5829	CO5832	3.02	3 1-	6ACWC	0	0	1133	164	31	4	3	0.01	3.39	0
CO5830	CO5829	3.14	3 1-	6ACWC	0	0	1076	162	31	4	3	0.02	3.41	0
CO-1104292447	CO5830	3.24	2 1-	2ACSR	0	0	1046	162	21	2	2	0.01	3.42	0
CO-1800279001	CO-1104292447	3.33	1 1-	2ACSR	0	0	1017	161	10	1	1	0.00	3.42	0
CO197172457	CO-1104292447	3.32	1 1-	2ACSR	0	0	1021	161	12	1	1	0.00	3.43	0
CO455515655	CO197172457	3.46	1 1-	2ACSR	0	0	979	160	12	1	1	0.01	3.43	0
CO-1019551428	CO455515655	3.57	1 1-	2ACSR	0	0	948	160	12	1	1	0.01	3.44	0
CO1907272602	CO-1019551428	3.69	1 1-	2ACSR	0	0	920	159	12	1	1	0.00	3.44	0
CO5827	CO5831	2.89	3 1-	6ACWC	0	0	1194	165	25	3	3	0.01	3.36	0
CO5828	CO5827	2.91	1 1-	6ACWC	0	0	1185	165	11	1	1	0.00	3.36	0
CO5750	CO5731	2.86	2 1-	6ACWC	0	0	1207	165	8	1	1	0.00	3.34	0
CO5833	CO5825	2.61	250 3-	1/0ACSR	1783	1673	1369	168	1058	48	21	0.06	3.27	93
CO5834	CO5833	2.67	249 3-	1/0ACSR	1750	1642	1341	168	1055	48	21	0.05	3.32	87
CO5745	CO5834	2.72	2 1-	4ACSR	0	0	1309	167	1	0	0	0.00	3.32	0
CO1143102509	CO5745	2.80	1 1-	2ACSR	0	0	1273	167	0	0	0	0.00	3.32	0
CO5725	CO5834	2.84	247 3-	1/0ACSR	1667	1566	1273	167	1054	48	21	0.14	3.46	231
CO5871	CO5725	2.96	243 3-	1/0ACSR	1616	1519	1232	166	1030	47	21	0.09	3.56	146
CO5872	CO5871	3.08	242 3-	1/0ACSR	1563	1470	1188	166	1023	47	21	0.10	3.66	161
CO5839	CO5872	3.17	241 3-	1/0ACSR	1530	1439	1162	165	1010	46	20	0.07	3.73	103
CO5840	CO5839	3.24	238 3-	1/0ACSR	1502	1413	1139	165	1001	46	20	0.06	3.78	91
CO5883	CO5840	3.25	12 1-	4ACSR	0	0	1136	165	39	5	4	0.00	3.79	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC171	CO5883	3.25	12 1-	25 H OCR	0	0	1136	165	39	5	22	0.00	3.79	0
CO5884	OC171	3.42	12 1-	4ACSR	0	0	1063	163	39	5	4	0.04	3.82	2
CO5841	CO5884	3.47	10 1-	4ACSR	0	0	1043	163	36	4	4	0.01	3.84	0
CO5842	CO5841	3.67	7 1-	4ACSR	0	0	967	161	32	4	3	0.04	3.87	0
CO5843	CO5842	3.74	6 1-	4ACSR	0	0	945	160	23	3	2	0.01	3.88	0
CO5844	CO5843	3.83	6 1-	4ACSR	0	0	918	159	23	3	2	0.01	3.89	0
OC1962829630	CO5844	3.83	6 1-	20 N FUSE	0	0	918	159	23	3	16	0.00	3.89	0
CO5847	OC1962829630	4.17	2 1-	4ACSR	0	0	822	156	5	0	0	0.01	3.90	0
CO5848	CO5847	4.21	2 1-	4ACSR	0	0	810	156	5	0	0	0.00	3.90	0
CO5849	CO5848	4.24	1 1-	4ACSR	0	0	804	156	4	0	0	0.00	3.91	0
CO5850	CO5849	4.53	1 1-	4ACSR	0	0	740	153	4	0	0	0.00	3.91	0
CO5845	OC1962829630	3.92	4 1-	4ACSR	0	0	891	159	19	2	2	0.01	3.90	0
CO5846	CO5845	3.96	1 1-	4ACSR	0	0	877	158	12	1	1	0.00	3.90	0
CO5851	CO5840	3.30	225 3-	1/0ACSR	1478	1392	1120	165	962	44	19	0.05	3.83	70
CO5852	CO5851	3.33	222 3-	1/0ACSR	1468	1383	1112	165	939	43	19	0.02	3.85	29
CO5853	CO5852	3.38	221 3-	1/0ACSR	1451	1367	1098	164	920	42	18	0.03	3.89	49
CO5854	CO5853	3.47	217 3-	1/0ACSR	1421	1338	1074	164	889	41	18	0.06	3.95	86
CO5885	CO5854	3.47	135 1-	4ACSR	0	0	1071	164	441	61	44	0.02	3.97	13
OC172	CO5885	3.47	135 1-	50 H OCR	0	0	1071	164	441	61	122	0.00	3.97	0
CO5886	OC172	3.55	135 1-	4ACSR	0	0	1042	163	441	61	44	0.20	4.17	148
CO5858	CO5886	3.62	131 1-	4ACSR	0	0	1013	163	410	57	41	0.20	4.37	132
CO5859	CO5858	3.86	131 1-	4ACSR	0	0	934	160	409	57	41	0.60	4.97	405
CO5860	CO5859	4.09	1 1-	4ACSR	0	0	865	158	0	0	0	0.00	4.97	0
CO5861	CO5860	4.16	1 1-	4ACSR	0	0	844	157	0	0	0	0.00	4.97	0
CO8331	CO5861	4.49	0 1-	4ACSR	0	0	767	155	0	0	0	0.00	4.97	0
CO5736	CO5859	4.09	130 1-	4ACSR	0	0	866	158	407	57	41	0.59	5.55	398
CO6136	CO5736	4.16	130 1-	4ACSR	0	0	846	157	406	57	41	0.19	5.74	127
CO6342	CO6136	4.16	18 1-	4ACSR	0	0	844	157	77	10	8	0.00	5.74	0
OC181	CO6342	4.16	18 1-	25 H OCR	0	0	844	157	77	10	43	0.00	5.74	0
CO6343	OC181	4.27	18 1-	4ACSR	0	0	817	156	77	10	8	0.05	5.79	6
CO6255	CO6343	4.37	16 1-	4ACSR	0	0	793	156	73	10	7	0.04	5.84	5
CO6341	CO6255	4.38	14 1-	4ACSR	0	0	789	155	71	9	7	0.01	5.84	0
CO1120073942	CO6341	4.42	0 1-	2ACSR	0	0	782	155	0	0	0	0.00	5.84	0
CO6254	CO6341	4.55	14 1-	4ACSR	0	0	753	154	71	9	7	0.07	5.92	9
CO6256	CO6254	4.63	13 1-	4ACSR	0	0	736	153	63	8	6	0.03	5.95	3
CO6257	CO6256	4.77	12 1-	4ACSR	0	0	709	152	61	8	6	0.05	6.00	5
CO6126	CO6257	4.84	12 1-	4ACSR	0	0	695	151	61	8	6	0.03	6.03	3
OC-324859541	CO6126	4.84	12 1-	20 N FUSE	0	0	695	151	61	8	43	0.00	6.03	0
CO6258	OC-324859541	4.98	11 1-	4ACSR	0	0	670	150	60	8	6	0.05	6.08	5
CO6259	CO6258	5.20	10 1-	4ACSR	0	0	635	148	59	8	6	0.08	6.16	8
CO6260	CO6259	5.35	9 1-	4ACSR	0	0	612	147	57	8	6	0.05	6.21	4
CO6261	CO6260	5.41	7 1-	4ACSR	0	0	604	147	37	5	4	0.01	6.22	0
CO-1227562893	CO6261	5.83	7 1-	2ACSR	0	0	561	144	37	5	3	0.07	6.29	4
CO6266	CO-1227562893	5.92	2 1-	4ACSR	0	0	550	144	8	1	1	0.00	6.29	0
CO6265	CO-1227562893	5.98	5 1-	4ACSR	0	0	544	143	28	3	3	0.02	6.31	0
CO6263	CO6265	6.04	2 1-	4ACSR	0	0	537	143	7	1	1	0.00	6.31	0
CO6264	CO6263	6.15	1 1-	4ACSR	0	0	525	142	5	0	0	0.00	6.31	0
CO6262	CO6264	6.38	0 1-	4ACSR	0	0	502	140	0	0	0	0.00	6.31	0
CO6179	CO6264	6.26	1 1-	4ACSR	0	0	513	141	5	0	0	0.00	6.31	0
CO6165	CO6265	6.04	1 1-	4ACSR	0	0	537	143	0	0	0	0.00	6.31	0
OC1873827084	CO6165	6.04	0 1-	20 N FUSE	0	0	537	143	0	0	0	0.00	6.31	0
CO-1063891138	CO6261	5.47	0 1-	2ACSR	0	0	597	146	0	0	0	0.00	6.22	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6156	OC-324859541	4.91	1 1-	4ACSR	0	0	683	151	1	0	0	0.00	6.03	0
CO6157	CO6257	4.89	0 1-	4ACSR	0	0	685	151	0	0	0	0.00	6.00	0
CO6158	CO6254	4.59	1 1-	4ACSR	0	0	743	154	8	1	1	0.00	5.92	0
CO6122	CO6136	4.22	112 1-	4ACSR	0	0	830	157	328	46	33	0.13	5.87	70
CO6347	CO6122	4.38	1 1-	4ACSR	0	0	790	155	3	0	0	0.00	5.87	0
CO6125	CO6122	4.26	110 1-	4ACSR	0	0	821	157	317	44	32	0.07	5.94	37
CO6252	CO6125	4.28	108 1-	4ACSR	0	0	814	156	304	42	31	0.05	5.99	26
CO1070604722	CO6252	4.38	1 1-	2ACSR	0	0	796	156	4	0	0	0.00	5.99	0
CO-2036597502	CO1070604722	4.42	1 1-	2ACSR	0	0	789	155	4	0	0	0.00	5.99	0
CO6253	CO6252	4.29	106 1-	4ACSR	0	0	812	156	296	41	30	0.02	6.01	9
CO6250	CO6253	4.34	106 1-	4ACSR	0	0	800	156	296	41	30	0.09	6.10	44
CO6251	CO6250	4.39	106 1-	4ACSR	0	0	788	155	295	41	30	0.10	6.20	49
CO6349	CO6251	4.57	105 1-	4ACSR	0	0	749	154	295	41	30	0.33	6.52	162
CO6353	CO6349	4.62	1 1-	4ACSR	0	0	737	153	7	1	1	0.00	6.52	0
CO6114	CO6349	4.81	104 1-	4ACSR	0	0	700	152	287	40	29	0.45	6.97	218
CO6350	CO6114	4.92	1 1-	4ACSR	0	0	680	151	0	0	0	0.00	6.97	0
CO6280	CO6350	5.01	0 1-	4ACSR	0	0	665	150	0	0	0	0.00	6.97	0
CO6115	CO6114	4.92	103 1-	4ACSR	0	0	681	151	286	40	29	0.19	7.16	92
CO6248	CO6115	4.94	100 1-	4ACSR	0	0	677	151	274	38	28	0.04	7.21	19
CO6249	CO6248	4.97	100 1-	4ACSR	0	0	672	150	274	38	28	0.05	7.25	22
CO6117	CO6249	5.12	29 1-	4ACSR	0	0	647	149	112	15	11	0.11	7.36	21
CO6323	CO6117	5.18	27 1-	4ACSR	0	0	638	149	94	13	10	0.03	7.40	6
CO6334	CO6323	5.18	26 1-	4ACSR	0	0	637	149	92	13	9	0.00	7.40	0
OC183	CO6334	5.18	26 1-	25 H OCR	0	0	637	149	92	13	53	0.00	7.40	0
CO6335	OC183	5.37	26 1-	4ACSR	0	0	610	147	92	13	9	0.11	7.51	17
CO6246	CO6335	5.59	26 1-	4ACSR	0	0	579	145	92	13	9	0.13	7.64	21
CO6128	CO6246	5.82	26 1-	4ACSR	0	0	551	143	92	13	9	0.13	7.78	21
CO6130	CO6128	5.91	23 1-	4ACSR	0	0	541	143	67	9	7	0.04	7.81	4
CO6129	CO6130	6.00	23 1-	4ACSR	0	0	530	142	67	9	7	0.04	7.86	5
CO6133	CO6129	6.10	23 1-	4ACSR	0	0	520	141	67	9	7	0.04	7.90	5
CO6132	CO6133	6.24	22 1-	4ACSR	0	0	505	140	59	8	6	0.05	7.95	5
CO6131	CO6132	6.32	20 1-	4ACSR	0	0	498	140	51	7	5	0.02	7.97	0
CO6134	CO6131	6.51	19 1-	4ACSR	0	0	480	138	51	7	5	0.06	8.03	5
CO6244	CO6134	6.58	15 1-	4ACSR	0	0	474	138	42	6	4	0.02	8.05	0
CO6245	CO6244	6.66	14 1-	4ACSR	0	0	467	137	37	5	4	0.02	8.07	0
CO6135	CO6245	6.70	6 1-	4ACSR	0	0	463	137	10	1	1	0.00	8.07	0
CO8344	CO6135	6.76	3 1-	4ACSR	0	0	458	137	2	0	0	0.00	8.07	0
CO8343	CO6135	6.76	3 1-	4ACSR	0	0	458	136	7	1	1	0.00	8.07	0
CO7412	CO8343	6.79	3 1-	4ACSR	0	0	456	136	7	1	1	0.00	8.07	0
CO7360	CO7412	7.19	3 1-	4ACSR	0	0	425	134	7	1	1	0.02	8.09	0
CO7413	CO7360	7.21	3 1-	4ACSR	0	0	424	133	7	1	1	0.00	8.09	0
CO7414	CO7413	7.28	2 1-	4ACSR	0	0	419	133	6	0	1	0.00	8.09	0
CO7361	CO7414	7.36	1 1-	4ACSR	0	0	414	132	1	0	0	0.00	8.09	0
CO7359	CO7412	6.90	0 1-	4ACSR	0	0	447	136	0	0	0	0.00	8.07	0
CO7355	CO7359	7.06	0 1-	4ACSR	0	0	435	134	0	0	0	0.00	8.07	0
CO7358	CO7355	7.29	0 1-	4ACSR	0	0	418	133	0	0	0	0.00	8.07	0
CO7356	CO7358	7.42	0 1-	4ACSR	0	0	409	132	0	0	0	0.00	8.07	0
CO7357	CO7356	7.61	0 1-	4ACSR	0	0	397	131	0	0	0	0.00	8.07	0
CO6242	CO6245	6.69	5 1-	4ACSR	0	0	465	137	19	2	2	0.00	8.07	0
CO6243	CO6242	6.75	4 1-	4ACSR	0	0	459	137	18	2	2	0.00	8.07	0
CO6168	CO6134	6.57	1 1-	4ACSR	0	0	475	138	3	0	0	0.00	8.03	0
CO6169	CO6131	6.36	1 1-	4ACSR	0	0	494	139	0	0	0	0.00	7.97	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6170	CO6132	6.36	1 1-	4ACSR	0	0	494	139	0	0	0	0.00	7.95	0
CO6171	CO6133	6.23	1 1-	4ACSR	0	0	507	140	8	1	1	0.00	7.90	0
CO6172	CO6129	6.11	0 1-	4ACSR	0	0	519	141	0	0	0	0.00	7.86	0
CO6175	CO6172	6.17	0 1-	2ACSR	0	0	514	141	0	0	0	0.00	7.86	0
CO6267	CO6130	6.04	0 1-	4ACSR	0	0	526	142	0	0	0	0.00	7.81	0
CO6167	CO6128	5.95	3 1-	4ACSR	0	0	536	142	25	3	3	0.01	7.79	0
CO6164	CO6246	5.65	0 1-	4ACSR	0	0	571	145	0	0	0	0.00	7.64	0
CO6166	CO6323	5.21	1 1-	4ACSR	0	0	632	148	2	0	0	0.00	7.40	0
CO6177	CO6117	5.20	2 1-	2ACSR	0	0	637	149	18	2	1	0.00	7.37	0
CO6116	CO6249	5.00	70 1-	4ACSR	0	0	666	150	161	22	16	0.04	7.29	10
CO6295	CO6116	5.10	0 1-	4ACSR	0	0	650	149	0	0	0	0.00	7.29	0
CO6296	CO6295	5.31	0 1-	4ACSR	0	0	618	148	0	0	0	0.00	7.29	0
CO6278	CO6116	5.21	70 1-	4ACSR	0	0	632	148	161	22	16	0.21	7.50	56
CO6279	CO6278	5.26	68 1-	4ACSR	0	0	625	148	152	21	15	0.04	7.55	12
CO6297	CO6279	5.39	1 1-	4ACSR	0	0	607	147	2	0	0	0.00	7.55	0
CO6298	CO6297	5.49	1 1-	4ACSR	0	0	592	146	2	0	0	0.00	7.55	0
CO6272	CO6279	5.45	67 1-	4ACSR	0	0	598	146	150	21	15	0.17	7.72	44
CO6307	CO6272	5.52	66 1-	4ACSR	0	0	589	146	143	20	15	0.06	7.79	16
CO6308	CO6307	5.61	66 1-	4ACSR	0	0	577	145	143	20	15	0.09	7.87	21
CO6309	CO6308	5.69	66 1-	4ACSR	0	0	567	144	143	20	15	0.07	7.94	17
CO6310	CO6309	5.81	66 1-	4ACSR	0	0	553	144	143	20	15	0.11	8.05	27
CO6336	CO6310	5.81	65 1-	4ACSR	0	0	552	144	131	18	13	0.01	8.06	0
OC185	CO6336	5.81	65 1-	15 H OCR	0	0	552	144	131	18	125	0.00	8.06	0
CO6337	OC185	5.86	65 1-	4ACSR	0	0	546	143	131	18	13	0.04	8.10	9
CO6306	CO6337	5.96	65 1-	4ACSR	0	0	535	142	131	18	13	0.08	8.18	17
CO6273	CO6306	6.05	63 1-	4ACSR	0	0	525	142	125	17	13	0.07	8.25	16
CO6317	CO6273	6.09	4 1-	4ACSR	0	0	521	141	7	0	1	0.00	8.25	0
CO6318	CO6317	6.14	3 1-	4ACSR	0	0	515	141	5	0	0	0.00	8.25	0
CO6142	CO6317	6.14	1 1-	4ACSR	0	0	515	141	2	0	0	0.00	8.25	0
CO6286	CO6273	6.12	59 1-	4ACSR	0	0	517	141	118	16	12	0.06	8.31	12
CO6287	CO6286	6.20	58 1-	4ACSR	0	0	509	141	118	16	12	0.06	8.37	12
CO6288	CO6287	6.28	57 1-	4ACSR	0	0	501	140	114	16	12	0.06	8.43	12
CO6289	CO6288	6.38	57 1-	4ACSR	0	0	492	139	114	16	12	0.08	8.50	15
CO6118	CO6289	6.44	56 1-	4ACSR	0	0	486	139	114	16	12	0.05	8.55	9
CO6119	CO6118	6.73	9 1-	4ACSR	0	0	461	137	68	9	7	0.13	8.67	15
OC241878813	CO6119	6.73	9 1-	20 N FUSE	0	0	461	137	68	9	49	0.00	8.67	0
CO8337	OC241878813	7.03	7 1-	4ACSR	0	0	437	135	40	5	4	0.08	8.75	5
CO7330	CO8337	7.22	7 1-	4ACSR	0	0	423	133	40	5	4	0.05	8.80	3
CO7407	CO7330	7.28	7 1-	4ACSR	0	0	420	133	40	5	4	0.01	8.81	0
CO7408	CO7407	7.48	6 1-	4ACSR	0	0	406	132	36	5	4	0.04	8.86	3
CO7406	CO7408	7.53	5 1-	4ACSR	0	0	403	131	31	4	3	0.01	8.87	0
CO7374	CO7406	7.60	2 1-	4ACSR	0	0	398	131	20	2	2	0.01	8.87	0
CO7375	CO7374	7.67	1 1-	4ACSR	0	0	394	130	7	0	1	0.00	8.88	0
CO7338	CO7406	7.89	1 1-	4ACSR	0	0	381	129	0	0	0	0.00	8.87	0
CO7337	CO7338	8.11	1 1-	4ACSR	0	0	369	128	0	0	0	0.00	8.87	0
CO373160697	OC241878813	6.80	1 1-	4ACSR	0	0	455	136	12	1	1	0.00	8.68	0
CO6144	OC241878813	6.76	1 1-	4ACSR	0	0	458	136	16	2	2	0.00	8.67	0
CO6304	CO6118	6.54	47 1-	4ACSR	0	0	477	138	46	6	5	0.03	8.57	2
CO6305	CO6304	6.76	47 1-	4ACSR	0	0	458	137	46	6	5	0.07	8.64	5
CO6303	CO6305	6.79	46 1-	4ACSR	0	0	456	136	46	6	5	0.01	8.65	0
CO8339	CO6303	7.19	46 1-	4ACSR	0	0	426	134	46	6	5	0.12	8.77	9
CO7409	CO8339	7.53	46 1-	4ACSR	0	0	402	131	45	6	5	0.10	8.87	8

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7335	CO7409	7.60	45 1-	4ACSR	0	0	398	131	45	6	5	0.02	8.89	0
CO7336	CO7335	7.79	45 1-	4ACSR	0	0	387	130	45	6	5	0.06	8.94	4
CO7310	CO7336	7.91	44 1-	4ACSR	0	0	380	129	33	4	3	0.03	8.97	0
CO7334	CO7310	8.07	10 1-	4ACSR	0	0	371	128	14	1	1	0.01	8.98	0
CO7387	CO7334	8.11	10 1-	4ACSR	0	0	369	128	14	1	1	0.00	8.99	0
CO7388	CO7387	8.23	9 1-	4ACSR	0	0	362	127	6	0	1	0.00	8.99	0
OC-767508569	CO7388	8.23	9 1-	20 N FUSE	0	0	362	127	6	0	4	0.00	8.99	0
CO7385	OC-767508569	8.25	9 1-	4ACSR	0	0	361	127	6	0	1	0.00	8.99	0
CO7386	CO7385	8.29	5 1-	4ACSR	0	0	359	126	6	0	1	0.00	8.99	0
CO7384	CO7386	8.32	4 1-	4ACSR	0	0	358	126	6	0	1	0.00	8.99	0
CO7383	CO7384	8.38	2 1-	4ACSR	0	0	355	126	0	0	0	0.00	8.99	0
CO7333	CO7310	8.04	34 1-	4ACSR	0	0	373	128	20	2	2	0.02	8.99	0
OC42883965	CO7333	8.04	32 1-	20 N FUSE	0	0	373	128	20	2	14	0.00	8.99	0
CO7399	OC42883965	8.06	32 1-	4ACSR	0	0	371	128	20	2	2	0.00	8.99	0
CO7400	CO7399	8.10	29 1-	4ACSR	0	0	369	128	19	2	2	0.00	8.99	0
CO7401	CO7400	8.15	25 1-	4ACSR	0	0	367	127	15	2	2	0.00	9.00	0
CO7402	CO7401	8.17	22 1-	4ACSR	0	0	365	127	14	2	1	0.00	9.00	0
CO7403	CO7402	8.19	18 1-	4ACSR	0	0	364	127	8	1	1	0.00	9.00	0
CO7392	CO7403	8.21	18 1-	4ACSR	0	0	363	127	8	1	1	0.00	9.00	0
CO7393	CO7392	8.25	16 1-	4ACSR	0	0	361	127	8	1	1	0.00	9.00	0
CO7391	CO7393	8.28	11 1-	4ACSR	0	0	360	127	8	1	1	0.00	9.01	0
CO7389	CO7391	8.32	7 1-	4ACSR	0	0	358	126	2	0	0	0.00	9.01	0
CO7390	CO7389	8.40	5 1-	4ACSR	0	0	354	126	2	0	0	0.00	9.01	0
CO7316	CO7391	8.32	4 1-	4ACSR	0	0	358	126	6	0	1	0.00	9.01	0
CO7332	CO7336	8.09	1 1-	4ACSR	0	0	370	128	12	1	1	0.02	8.97	0
OC1772870026	CO7332	8.09	1 1-	20 N FUSE	0	0	370	128	12	1	9	0.00	8.97	0
CO7331	OC1772870026	8.53	1 1-	4ACSR	0	0	348	125	12	1	1	0.03	9.00	0
CO7424	CO7331	8.63	1 1-	4ACSR	0	0	343	124	12	1	1	0.01	9.01	0
CO7425	CO7424	8.83	1 1-	4ACSR	0	0	334	123	12	1	1	0.01	9.02	0
CO7315	CO7409	7.75	0 1-	4ACSR	0	0	389	130	0	0	0	0.00	8.87	0
CO6321	CO6289	6.44	1 1-	4ACSR	0	0	486	139	0	0	0	0.00	8.50	0
CO6322	CO6321	6.47	1 1-	4ACSR	0	0	484	139	0	0	0	0.00	8.50	0
CO6320	CO6322	6.52	1 1-	4ACSR	0	0	479	138	0	0	0	0.00	8.50	0
CO6319	CO6320	6.59	1 1-	4ACSR	0	0	473	138	0	0	0	0.00	8.50	0
CO6141	CO6287	6.27	1 1-	4ACSR	0	0	502	140	3	0	0	0.00	8.37	0
CO-247326889	CO6286	6.20	1 1-	2ACSR	0	0	512	141	0	0	0	0.00	8.31	0
CO6143	CO6310	5.85	1 1-	4ACSR	0	0	548	143	12	1	1	0.00	8.05	0
CO6293	CO6249	5.18	1 1-	4ACSR	0	0	638	149	0	0	0	0.00	7.25	0
CO6294	CO6293	5.21	1 1-	4ACSR	0	0	632	148	0	0	0	0.00	7.25	0
CO6247	CO6115	5.01	3 1-	4ACSR	0	0	665	150	12	1	1	0.00	7.17	0
CO6351	CO6247	5.11	0 1-	4ACSR	0	0	649	149	0	0	0	0.00	7.17	0
CO6153	CO6252	4.38	0 1-	4ACSR	0	0	790	155	0	0	0	0.00	5.99	0
CO6154	CO6125	4.31	1 1-	4ACSR	0	0	807	156	0	0	0	0.00	5.94	0
CO6155	CO6122	4.38	1 1-	4ACSR	0	0	792	155	8	1	1	0.00	5.87	0
CO5855	CO5886	3.60	4 1-	4ACSR	0	0	1022	163	30	4	3	0.01	4.18	0
CO5856	CO5855	3.62	3 1-	4ACSR	0	0	1015	163	23	3	2	0.00	4.18	0
CO5857	CO5856	3.65	1 1-	4ACSR	0	0	1003	162	5	0	0	0.00	4.18	0
CO5756	CO5856	3.67	1 1-	4ACSR	0	0	998	162	9	1	1	0.00	4.18	0
CO5734	CO5854	3.53	80 1-	2ACSR	0	0	1053	164	445	61	34	0.12	4.07	84
CO5862	CO5734	3.59	4 1-	4ACSR	0	0	1031	163	35	4	3	0.01	4.08	0
CO5863	CO5862	3.63	1 1-	4ACSR	0	0	1016	163	12	1	1	0.00	4.08	0
CO5738	CO5734	3.61	72 1-	2ACSR	0	0	1028	163	394	54	30	0.14	4.21	84

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5887	CO5738	3.62	69 1-	2ACSR	0	0	1026	163	371	51	29	0.01	4.22	6
OC173	CO5887	3.62	69 1-	50 H OCR	0	0	1026	163	371	51	103	0.00	4.22	0
CO5888	OC173	3.73	69 1-	2ACSR	0	0	994	162	371	51	29	0.18	4.39	103
CO5866	CO5888	3.77	67 1-	2ACSR	0	0	982	162	355	49	28	0.06	4.46	35
CO5867	CO5866	3.89	2 1-	2ACSR	0	0	951	161	9	1	1	0.00	4.46	0
CO5868	CO5867	3.91	2 1-	2ACSR	0	0	946	161	9	1	1	0.00	4.46	0
CO5869	CO5868	4.08	1 1-	2ACSR	0	0	904	160	2	0	0	0.00	4.46	0
CO5870	CO5869	4.23	1 1-	2ACSR	0	0	870	159	2	0	0	0.00	4.46	0
CO5737	CO5866	3.88	64 1-	2ACSR	0	0	954	161	340	47	26	0.15	4.61	82
CO8329	CO5737	4.12	0 1-	4ACSR	0	0	879	159	0	0	0	0.00	4.61	0
CO5735	CO5737	4.01	63 1-	2ACSR	0	0	921	160	336	46	26	0.19	4.80	103
CO8328	CO5735	4.43	61 1-	2ACSR	0	0	828	158	333	46	26	0.61	5.42	325
CO6202	CO8328	4.50	5 1-	4ACSR	0	0	812	157	28	3	3	0.01	5.43	0
OC1751266404	CO6202	4.50	5 1-	20 N FUSE	0	0	812	157	28	3	20	0.00	5.43	0
CO6203	OC1751266404	4.55	5 1-	4ACSR	0	0	799	157	28	3	3	0.01	5.44	0
CO6204	CO6203	4.59	4 1-	4ACSR	0	0	790	156	26	3	3	0.01	5.44	0
CO6205	CO6204	4.67	4 1-	4ACSR	0	0	773	156	26	3	3	0.01	5.46	0
CO6206	CO6205	4.68	4 1-	4ACSR	0	0	769	155	26	3	3	0.00	5.46	0
CO6207	CO6206	4.69	3 1-	4ACSR	0	0	767	155	20	2	2	0.00	5.46	0
CO6208	CO6207	4.75	3 1-	4ACSR	0	0	754	155	20	2	2	0.01	5.47	0
CO6211	CO6208	4.86	3 1-	4ACSR	0	0	733	154	20	2	2	0.01	5.48	0
CO6212	CO6211	4.99	2 1-	4ACSR	0	0	707	153	20	2	2	0.02	5.50	0
CO6209	CO6212	5.14	2 1-	4ACSR	0	0	680	151	20	2	2	0.02	5.51	0
CO6210	CO6209	5.29	1 1-	4ACSR	0	0	655	150	12	1	1	0.01	5.52	0
CO6180	CO6211	4.92	1 1-	2ACSR	0	0	723	154	0	0	0	0.00	5.48	0
CO6150	CO6203	4.61	1 1-	2ACSR	0	0	788	156	2	0	0	0.00	5.44	0
CO6200	CO8328	4.53	56 1-	2ACSR	0	0	809	157	303	42	24	0.13	5.55	63
CO1966468575	CO6200	4.57	0 1-	2ACSR	0	0	801	157	0	0	0	0.00	5.55	0
CO6201	CO6200	4.75	54 1-	2ACSR	0	0	770	156	295	41	23	0.27	5.82	128
CO6199	CO6201	4.79	53 1-	2ACSR	0	0	762	155	292	41	23	0.06	5.88	29
CO6198	CO6199	4.89	52 1-	2ACSR	0	0	747	155	291	41	23	0.12	6.00	55
CO6121	CO6198	5.03	50 1-	2ACSR	0	0	724	154	274	38	21	0.17	6.17	75
CO6124	CO6121	5.12	49 1-	2ACSR	0	0	711	153	264	37	21	0.10	6.27	44
CO6123	CO6124	5.21	49 1-	2ACSR	0	0	697	153	264	37	21	0.11	6.38	47
CO6330	CO6123	5.22	13 1-	4ACSR	0	0	696	153	90	12	9	0.00	6.39	0
OC180	CO6330	5.22	13 1-	25 H OCR	0	0	696	153	90	12	51	0.00	6.39	0
CO6331	OC180	5.41	13 1-	4ACSR	0	0	663	151	90	12	9	0.11	6.49	16
CO6189	CO6331	5.58	12 1-	4ACSR	0	0	636	150	87	12	9	0.10	6.59	14
CO6188	CO6189	5.74	12 1-	4ACSR	0	0	612	148	87	12	9	0.08	6.67	12
CO6187	CO6188	5.90	11 1-	4ACSR	0	0	591	147	75	10	8	0.07	6.75	9
CO6186	CO6187	6.01	11 1-	4ACSR	0	0	576	146	75	10	8	0.05	6.80	7
CO6185	CO6186	6.35	11 1-	4ACSR	0	0	536	143	75	10	8	0.16	6.96	20
CO6184	CO6185	6.41	10 1-	4ACSR	0	0	530	143	73	10	7	0.02	6.99	3
CO6183	CO6184	6.49	10 1-	4ACSR	0	0	522	142	73	10	7	0.04	7.02	5
CO6182	CO6183	6.62	10 1-	4ACSR	0	0	508	141	73	10	7	0.06	7.08	8
CO6181	CO6182	6.84	10 1-	4ACSR	0	0	487	140	73	10	7	0.10	7.18	11
CO8341	CO6181	7.03	7 1-	4ACSR	0	0	471	138	46	6	5	0.06	7.24	4
CO7353	CO8341	7.10	7 1-	4ACSR	0	0	464	138	46	6	5	0.02	7.26	0
OC373730390	CO7353	7.10	6 1-	20 N FUSE	0	0	464	138	41	5	29	0.00	7.26	0
CO7352	OC373730390	7.31	1 1-	2ACSR	0	0	451	137	3	0	0	0.00	7.26	0
CO8340	CO7352	7.64	1 1-	2ACSR	0	0	432	135	3	0	0	0.00	7.26	0
CO6160	CO8340	7.69	1 1-	2ACSR	0	0	429	135	3	0	0	0.00	7.26	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6159	CO8340	7.70	0 1-	2ACSR	0	0	429	135	0	0	0	0.00	7.26	0
CO7351	OC373730390	7.14	5 1-	2ACSR	0	0	462	138	38	5	3	0.01	7.26	0
CO7422	CO7351	7.20	5 1-	2ACSR	0	0	458	137	38	5	3	0.01	7.27	0
CO7423	CO7422	7.23	4 1-	2ACSR	0	0	456	137	21	3	2	0.00	7.27	0
CO7416	CO7423	7.24	4 1-	2ACSR	0	0	456	137	21	3	2	0.00	7.27	0
CO7417	CO7416	7.41	3 1-	2ACSR	0	0	445	136	21	3	2	0.02	7.29	0
CO7418	CO7417	7.48	2 1-	2ACSR	0	0	441	136	21	3	2	0.01	7.30	0
CO7419	CO7418	7.63	1 1-	2ACSR	0	0	432	135	10	1	1	0.00	7.30	0
CO6173	CO6181	6.99	1 1-	4ACSR	0	0	474	139	16	2	2	0.01	7.19	0
CO6161	CO6183	6.53	0 1-	2ACSR	0	0	519	142	0	0	0	0.00	7.02	0
CO6196	CO6123	5.34	36 1-	2ACSR	0	0	680	152	174	24	14	0.10	6.48	27
CO6197	CO6196	5.41	35 1-	2ACSR	0	0	671	152	173	24	14	0.05	6.53	14
CO6174	CO6197	5.46	1 1-	4ACSR	0	0	663	151	3	0	0	0.00	6.53	0
CO6137	CO6197	5.61	33 1-	2ACSR	0	0	645	151	170	24	13	0.15	6.68	42
CO6127	CO6137	5.69	33 1-	2ACSR	0	0	635	150	170	24	13	0.06	6.74	17
CO8300	CO6127	5.92	32 1-	2ACSR	0	0	609	149	159	22	13	0.16	6.90	41
OC2005028707	CO8300	5.92	32 1-	H OCR	0	0	609	149	159	22	90	0.00	6.90	0
CO4702	OC2005028707	5.95	25 1-	2ACSR	0	0	607	149	105	14	8	0.01	6.91	0
CO4703	CO4702	6.12	25 1-	2ACSR	0	0	589	148	105	14	8	0.08	6.99	13
CO4704	CO4703	6.22	24 1-	2ACSR	0	0	578	147	103	14	8	0.05	7.04	8
CO4705	CO4704	6.27	23 1-	2ACSR	0	0	573	147	102	14	8	0.02	7.06	3
CO4711	CO4705	6.32	16 1-	2ACSR	0	0	569	146	59	8	5	0.01	7.07	0
CO4712	CO4711	6.39	15 1-	2ACSR	0	0	562	146	56	7	4	0.02	7.09	0
CO4713	CO4712	6.47	14 1-	2ACSR	0	0	555	146	46	6	4	0.02	7.10	0
CO4714	CO4713	6.82	13 1-	2ACSR	0	0	525	144	46	6	4	0.07	7.18	5
CO4687	CO4714	6.98	0 1-	4ACSR	0	0	509	142	0	0	0	0.00	7.18	0
CO4683	CO4714	6.96	13 1-	2ACSR	0	0	513	143	46	6	4	0.03	7.20	2
CO4724	CO4683	7.09	10 1-	2ACSR	0	0	504	142	41	5	3	0.02	7.22	0
CO4725	CO4724	7.12	9 1-	2ACSR	0	0	502	142	32	4	3	0.00	7.23	0
CO4723	CO4725	7.25	8 1-	2ACSR	0	0	492	141	25	3	2	0.01	7.24	0
CO4726	CO4723	7.31	5 1-	2ACSR	0	0	488	141	19	2	1	0.00	7.25	0
CO1978942424	CO4726	7.36	4 1-	2ACSR	0	0	485	141	12	1	1	0.00	7.25	0
CO1767507963	CO1978942424	7.53	1 1-	2ACSR	0	0	473	140	1	0	0	0.00	7.25	0
CO1087812468	CO1978942424	7.42	3 1-	2ACSR	0	0	480	140	11	1	1	0.00	7.25	0
CO4728	CO1087812468	7.50	3 1-	2ACSR	0	0	475	140	11	1	1	0.00	7.25	0
CO4729	CO4728	7.56	3 1-	2ACSR	0	0	471	140	11	1	1	0.00	7.26	0
CO4730	CO4729	7.62	2 1-	2ACSR	0	0	467	139	5	0	0	0.00	7.26	0
CO4731	CO4730	7.77	2 1-	2ACSR	0	0	457	139	5	0	0	0.00	7.26	0
CO4732	CO4731	7.83	1 1-	2ACSR	0	0	454	138	5	0	0	0.00	7.26	0
CO4686	CO4729	7.63	1 1-	2ACSR	0	0	466	139	6	0	0	0.00	7.26	0
CO252420913	CO1978942424	7.42	0 1-	2ACSR	0	0	480	141	0	0	0	0.00	7.25	0
CO4685	CO4723	7.44	1 1-	2ACSR	0	0	479	140	0	0	0	0.00	7.24	0
CO4720	CO4683	7.15	1 1-	2ACSR	0	0	499	142	1	0	0	0.00	7.20	0
CO4721	CO4720	7.20	1 1-	2ACSR	0	0	495	142	1	0	0	0.00	7.21	0
CO4722	CO4721	7.26	1 1-	2ACSR	0	0	491	141	1	0	0	0.00	7.21	0
CO4718	CO4683	7.02	1 1-	2ACSR	0	0	509	143	4	0	0	0.00	7.21	0
CO4719	CO4718	7.04	1 1-	2ACSR	0	0	507	143	4	0	0	0.00	7.21	0
CO4717	CO4719	7.06	1 1-	2ACSR	0	0	506	142	4	0	0	0.00	7.21	0
CO4716	CO4717	7.14	1 1-	2ACSR	0	0	500	142	4	0	0	0.00	7.21	0
CO4715	CO4716	7.18	1 1-	2ACSR	0	0	497	142	4	0	0	0.00	7.21	0
CO4684	CO4683	7.01	1 1-	2ACSR	0	0	510	143	0	0	0	0.00	7.20	0
CO4689	CO4712	6.40	1 1-	2ACSR	0	0	561	146	9	1	1	0.00	7.09	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO4706	CO4705	6.39	5 1-	2ACSR	0	0	562	146	19	2	2	0.01	7.07	0
CO4709	CO4706	6.41	2 1-	2ACSR	0	0	560	146	9	1	1	0.00	7.07	0
CO4710	CO4709	6.44	2 1-	2ACSR	0	0	557	146	9	1	1	0.00	7.07	0
CO4688	CO4710	6.49	1 1-	2ACSR	0	0	553	146	1	0	0	0.00	7.07	0
CO4707	CO4706	6.43	2 1-	2ACSR	0	0	558	146	8	1	1	0.00	7.07	0
CO4708	CO4707	6.49	0 1-	2ACSR	0	0	553	146	0	0	0	0.00	7.07	0
CO4699	OC2005028707	5.96	3 1-	2ACSR	0	0	605	149	6	0	0	0.00	6.90	0
CO4700	CO4699	6.05	3 1-	2ACSR	0	0	595	148	6	0	0	0.00	6.90	0
CO4701	CO4700	6.16	1 1-	2ACSR	0	0	585	147	2	0	0	0.00	6.90	0
CO4693	OC2005028707	5.96	4 1-	2ACSR	0	0	605	148	48	6	4	0.01	6.91	0
CO4695	CO4693	5.98	3 1-	2ACSR	0	0	603	148	14	1	1	0.00	6.91	0
CO4696	CO4695	6.03	3 1-	2ACSR	0	0	598	148	14	1	1	0.00	6.91	0
CO4694	CO4696	6.10	1 1-	2ACSR	0	0	590	148	10	1	1	0.00	6.91	0
CO4697	CO4694	6.14	0 1-	2ACSR	0	0	586	147	0	0	0	0.00	6.91	0
CO4698	CO4697	6.19	0 1-	2ACSR	0	0	581	147	0	0	0	0.00	6.91	0
CO6162	CO6127	5.74	1 1-	2ACSR	0	0	630	150	10	1	1	0.00	6.74	0
CO6192	CO6137	5.64	0 1-	2ACSR	0	0	641	150	0	0	0	0.00	6.68	0
CO6193	CO6192	5.68	0 1-	2ACSR	0	0	637	150	0	0	0	0.00	6.68	0
CO6190	CO6193	5.76	0 1-	2ACSR	0	0	628	150	0	0	0	0.00	6.68	0
CO6191	CO6190	5.80	0 1-	2ACSR	0	0	623	149	0	0	0	0.00	6.68	0
CO6163	CO6193	5.70	0 1-	2ACSR	0	0	634	150	0	0	0	0.00	6.68	0
CO6194	CO6196	5.40	1 1-	750 MCM - 42 Wi	0	0	677	152	0	0	0	0.00	6.48	0
CO6195	CO6194	5.42	1 1-	750 MCM - 42 Wi	0	0	676	152	0	0	0	0.00	6.48	0
CO6152	CO6124	5.18	0 1-	2ACSR	0	0	702	153	0	0	0	0.00	6.27	0
CO6151	CO6121	5.20	1 1-	2ACSR	0	0	699	153	9	1	1	0.00	6.17	0
CO-300298428	CO6198	4.90	1 1-	2ACSR	0	0	744	155	12	1	1	0.00	6.00	0
CO-1603317638	CO-300298428	4.94	1 1-	2ACSR	0	0	737	155	12	1	1	0.00	6.00	0
CO-827276485	CO-300298428	5.00	0 1-	2ACSR	0	0	729	154	0	0	0	0.00	6.00	0
CO5755	CO5735	4.12	2 1-	4ACSR	0	0	887	159	2	0	0	0.00	4.80	0
CO5864	CO5738	3.72	2 1-	4ACSR	0	0	990	162	15	2	1	0.01	4.21	0
CO5865	CO5864	3.75	1 1-	4ACSR	0	0	978	162	13	1	1	0.00	4.22	0
CO5754	CO5738	3.65	0 1-	4ACSR	0	0	1014	163	0	0	0	0.00	4.21	0
CO-127181064	CO5853	3.40	0 1-	2ACSR	0	0	1091	164	0	0	0	0.00	3.89	0
CO5838	CO5725	2.96	4 1-	6ACWC	0	0	1212	166	22	3	2	0.01	3.48	0
CO5836	CO5838	2.99	1 1-	6ACWC	0	0	1193	165	5	0	0	0.00	3.48	0
CO5837	CO5836	3.07	1 1-	6ACWC	0	0	1154	165	5	0	0	0.00	3.48	0
CO5835	CO5838	3.02	1 1-	4ACSR	0	0	1179	165	15	2	1	0.00	3.48	0
CO5822	CO5726	2.56	3 1-	4ACSR	0	0	1364	168	18	2	2	0.01	3.13	0
CO5823	CO5822	2.60	2 1-	4ACSR	0	0	1333	167	6	0	1	0.00	3.13	0
CO5818	CO5727	2.47	6 1-	4ACSR	0	0	1398	168	41	5	4	0.03	3.04	0
CO5819	CO5818	2.54	3 1-	4ACSR	0	0	1348	167	29	4	3	0.01	3.05	0
CO5820	CO5819	2.60	1 1-	4ACSR	0	0	1312	167	8	1	1	0.00	3.06	0
CO5794	CO5728	2.29	82 1-	2ACSR	0	0	1519	170	436	60	33	0.09	3.02	63
CO5795	CO5794	2.53	82 1-	2ACSR	0	0	1377	168	436	60	33	0.46	3.48	313
CO5879	CO5795	2.54	80 1-	2ACSR	0	0	1373	168	420	58	32	0.01	3.50	8
OC168	CO5879	2.54	80 1-	50 H OCR	0	0	1373	168	420	58	117	0.00	3.50	0
CO5880	OC168	2.57	80 1-	2ACSR	0	0	1354	168	420	58	32	0.06	3.56	43
CO5800	CO5880	2.78	80 1-	2ACSR	0	0	1256	166	420	58	32	0.37	3.93	245
CO5801	CO5800	2.94	80 1-	2ACSR	0	0	1187	165	419	58	32	0.30	4.23	196
CO5802	CO5801	3.17	80 1-	2ACSR	0	0	1102	163	418	58	32	0.41	4.64	273
CO5749	CO5802	3.20	1 1-	2ACSR	0	0	1089	163	0	0	0	0.00	4.64	0
CO5730	CO5802	3.26	79 1-	2ACSR	0	0	1070	163	417	58	32	0.17	4.81	114

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5806	CO5730	3.33	77 1-	2ACSR	0	0	1048	162	405	56	31	0.12	4.93	75
CO5807	CO5806	3.37	76 1-	2ACSR	0	0	1034	162	404	56	31	0.08	5.02	53
CO5814	CO5807	3.42	69 1-	2ACSR	0	0	1019	162	392	54	31	0.08	5.10	53
CO5815	CO5814	3.58	68 1-	2ACSR	0	0	973	161	392	54	31	0.27	5.37	170
CO5816	CO5815	3.81	68 1-	2ACSR	0	0	914	159	391	54	31	0.39	5.76	243
CO5817	CO5816	3.87	66 1-	2ACSR	0	0	901	159	372	52	29	0.09	5.85	55
CO8330	CO5817	4.13	66 1-	2ACSR	0	0	842	157	372	52	29	0.43	6.29	259
CO6213	CO8330	4.15	66 1-	2ACSR	0	0	838	157	371	52	29	0.03	6.32	17
CO6313	CO6213	4.19	66 1-	2ACSR	0	0	830	157	371	52	29	0.06	6.38	38
CO6314	CO6313	4.24	65 1-	2ACSR	0	0	821	157	359	50	28	0.08	6.46	45
CO6216	CO6314	4.38	65 1-	2ACSR	0	0	793	156	359	50	28	0.23	6.69	133
CO6290	CO6216	4.54	3 1-	2ACSR	0	0	765	155	35	4	3	0.02	6.71	0
CO6291	CO6290	4.61	1 1-	2ACSR	0	0	753	154	7	1	1	0.00	6.71	0
CO6138	CO6290	4.58	1 1-	2ACSR	0	0	759	154	14	1	1	0.00	6.71	0
CO6217	CO6216	4.46	62 1-	2ACSR	0	0	779	155	323	45	25	0.11	6.80	59
CO6218	CO6217	4.48	60 1-	2ACSR	0	0	776	155	321	45	25	0.02	6.82	11
CO6219	CO6218	4.62	60 1-	2ACSR	0	0	753	154	321	45	25	0.19	7.02	101
CO6220	CO6219	4.63	60 1-	2ACSR	0	0	751	154	321	45	25	0.01	7.03	7
CO6221	CO6220	4.85	59 1-	2ACSR	0	0	716	153	317	45	25	0.31	7.34	161
CO6113	CO6221	4.95	59 1-	2ACSR	0	0	701	152	316	45	25	0.14	7.48	71
CO6112	CO6113	5.18	57 1-	2ACSR	0	0	670	151	308	44	24	0.31	7.79	156
REG249	CO6112	5.18	57 1-	50	0	0	670	151	308	44	88	-7.79	0.00	0
CO6274	REG249	5.26	57 1-	2ACSR	0	0	659	150	308	41	23	0.10	0.10	49
OC-478390902	CO6274	5.26	57 1-	20 N FUSE	0	0	659	150	307	41	207	0.00	0.10	0
CO6275	OC-478390902	5.33	57 1-	2ACSR	0	0	649	150	307	41	23	0.10	0.20	46
CO6276	CO6275	5.44	56 1-	2ACSR	0	0	636	149	307	41	23	0.14	0.34	65
CO6111	CO6276	5.55	54 1-	2ACSR	0	0	623	149	300	40	22	0.14	0.48	66
CO6110	CO6111	5.89	50 1-	2ACSR	0	0	587	147	255	34	19	0.35	0.83	137
CO6339	CO6110	5.90	26 1-	2ACSR	0	0	586	147	114	15	9	0.00	0.84	0
OC184	CO6339	5.90	26 1-	35 H OCR	0	0	586	147	114	15	44	0.00	0.84	0
CO6340	OC184	5.96	26 1-	2ACSR	0	0	580	146	114	15	9	0.03	0.87	6
CO6338	CO6340	6.04	25 1-	2ACSR	0	0	572	146	114	15	9	0.04	0.91	7
CO6311	CO6338	6.11	23 1-	2ACSR	0	0	565	146	101	13	8	0.03	0.94	5
CO6312	CO6311	6.34	21 1-	2ACSR	0	0	545	144	93	12	7	0.09	1.02	13
CO6241	CO6312	6.39	21 1-	2ACSR	0	0	540	144	93	12	7	0.02	1.04	3
CO6120	CO6241	7.00	21 1-	2ACSR	0	0	492	141	93	12	7	0.24	1.28	34
CO8345	CO6120	7.08	3 1-	2ACSR	0	0	487	140	11	1	1	0.00	1.28	0
CO8346	CO8345	7.18	1 1-	2ACSR	0	0	479	140	2	0	0	0.00	1.28	0
CO8338	CO6120	7.07	18 1-	2ACSR	0	0	487	140	82	11	6	0.02	1.31	3
CO7343	CO8338	7.42	18 1-	2ACSR	0	0	464	139	82	11	6	0.12	1.42	15
CO8369	CO7343	7.57	9 1-	2ACSR	0	0	454	138	66	8	5	0.04	1.47	4
CO7764	CO8369	7.72	8 1-	2ACSR	0	0	446	137	65	8	5	0.04	1.51	4
CO8353	CO7764	7.89	7 1-	2ACSR	0	0	436	136	62	8	5	0.05	1.55	4
CO6794	CO8353	7.92	7 1-	2ACSR	0	0	434	136	62	8	5	0.01	1.56	0
CO6795	CO6794	8.00	7 1-	2ACSR	0	0	430	136	62	8	5	0.02	1.58	0
CO6793	CO6795	8.02	7 1-	2ACSR	0	0	428	136	62	8	5	0.01	1.58	0
CO6792	CO6793	8.07	6 1-	2ACSR	0	0	426	135	51	6	4	0.01	1.60	0
CO6796	CO6792	8.16	6 1-	2ACSR	0	0	421	135	51	6	4	0.02	1.62	0
CO6797	CO6796	8.26	6 1-	2ACSR	0	0	416	134	51	6	4	0.02	1.64	0
CO6798	CO6797	8.29	5 1-	2ACSR	0	0	414	134	41	5	3	0.01	1.64	0
CO6836	CO6798	8.40	5 1-	2ACSR	0	0	409	134	41	5	3	0.02	1.66	0
CO6837	CO6836	8.49	4 1-	2ACSR	0	0	404	133	37	5	3	0.01	1.67	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO6799	CO6837	8.63	3 1-	2ACSR	0	0	398	133	30	4	2	0.02	1.69	0
CO6464	CO6799	8.70	1 1-	2ACSR	0	0	394	132	17	2	1	0.00	1.69	0
CO6396	CO6799	8.70	1 1-	2ACSR	0	0	394	132	5	0	0	0.00	1.69	0
CO6465	CO6396	8.77	1 1-	2ACSR	0	0	391	132	5	0	0	0.00	1.69	0
CO6463	CO6797	8.32	1 1-	2ACSR	0	0	413	134	10	1	1	0.00	1.64	0
CO6462	CO6792	8.15	0 1-	2ACSR	0	0	422	135	0	0	0	0.00	1.60	0
CO7311	CO7343	7.52	8 1-	2ACSR	0	0	457	138	16	2	1	0.01	1.43	0
CO7342	CO7311	7.64	7 1-	2ACSR	0	0	450	138	10	1	1	0.00	1.44	0
CO7339	CO7342	7.69	6 1-	2ACSR	0	0	447	137	10	1	1	0.00	1.44	0
CO7341	CO7339	7.82	6 1-	2ACSR	0	0	440	137	10	1	1	0.01	1.44	0
CO7340	CO7341	7.89	6 1-	2ACSR	0	0	435	136	10	1	1	0.00	1.45	0
CO7404	CO7340	7.91	6 1-	2ACSR	0	0	435	136	10	1	1	0.00	1.45	0
CO7405	CO7404	7.95	5 1-	2ACSR	0	0	432	136	9	1	1	0.00	1.45	0
CO8371	CO7405	8.08	2 1-	2ACSR	0	0	425	135	3	0	0	0.00	1.45	0
CO7643	CO8371	8.14	2 1-	2ACSR	0	0	422	135	3	0	0	0.00	1.45	0
CO7312	CO7405	8.06	3 1-	2ACSR	0	0	426	135	6	0	0	0.00	1.45	0
CO7376	CO7312	8.12	1 1-	2ACSR	0	0	423	135	0	0	0	0.00	1.45	0
CO7378	CO7376	8.23	0 1-	2ACSR	0	0	417	135	0	0	0	0.00	1.45	0
CO7377	CO7378	8.34	0 1-	2ACSR	0	0	412	134	0	0	0	0.00	1.45	0
CO7324	CO7312	8.10	2 1-	2ACSR	0	0	424	135	6	0	0	0.00	1.45	0
CO8372	CO7324	8.13	0 1-	2ACSR	0	0	423	135	0	0	0	0.00	1.45	0
CO7535	CO8372	8.14	0 1-	2ACSR	0	0	422	135	0	0	0	0.00	1.45	0
CO7382	CO7324	8.12	1 1-	2ACSR	0	0	423	135	4	0	0	0.00	1.45	0
CO7431	CO7382	8.13	1 1-	2ACSR	0	0	423	135	4	0	0	0.00	1.45	0
CO7432	CO7431	8.17	1 1-	2ACSR	0	0	421	135	4	0	0	0.00	1.45	0
CO8377	CO7432	8.30	1 1-	2ACSR	0	0	414	134	4	0	0	0.00	1.46	0
CO7575	CO8377	8.36	0 1-	2ACSR	0	0	411	134	0	0	0	0.00	1.46	0
CO528091511	CO7575	8.45	0 1-	2ACSR	0	0	406	134	0	0	0	0.00	1.46	0
#SW-819138331-A	CO528091511	8.45	0 1-	Open	0	0	406	134	0	0	0	0.00	1.46	0
CO7317	CO7311	7.59	1 1-	2ACSR	0	0	453	138	7	0	1	0.00	1.43	0
CO6148	CO6311	6.15	2 1-	2ACSR	0	0	562	145	8	1	1	0.00	0.94	0
CO6269	CO6148	6.20	2 1-	1/0PRIURD	0	0	558	282	8	1	1	0.00	0.94	0
CO6239	CO6338	6.07	1 1-	2ACSR	0	0	569	146	12	1	1	0.00	0.91	0
CO6240	CO6239	6.11	1 1-	2ACSR	0	0	565	146	12	1	1	0.00	0.91	0
CO6176	CO6338	6.07	1 1-	2ACSR	0	0	569	146	0	0	0	0.00	0.91	0
CO6270	CO6110	5.96	21 1-	2ACSR	0	0	580	146	126	17	9	0.04	0.87	6
CO6271	CO6270	6.06	20 1-	2ACSR	0	0	570	146	107	14	8	0.04	0.91	7
CO6292	CO6271	6.08	4 1-	2ACSR	0	0	568	146	10	1	1	0.00	0.91	0
CO6354	CO6292	6.10	2 1-	2ACSR	0	0	567	146	2	0	0	0.00	0.91	0
CO6355	CO6354	6.14	1 1-	2ACSR	0	0	563	145	0	0	0	0.00	0.91	0
CO6178	CO6292	6.18	2 1-	2ACSR	0	0	559	145	9	1	1	0.00	0.92	0
CO6281	CO6271	6.10	16 1-	2ACSR	0	0	566	146	97	13	7	0.02	0.93	3
CO6299	CO6281	6.16	16 1-	2ACSR	0	0	561	145	97	13	7	0.02	0.95	3
CO6300	CO6299	6.20	14 1-	2ACSR	0	0	557	145	67	9	5	0.01	0.96	0
CO6277	CO6300	6.22	13 1-	2ACSR	0	0	555	145	61	8	5	0.01	0.97	0
CO6344	CO6277	6.26	12 1-	2ACSR	0	0	552	145	53	7	4	0.01	0.98	0
CO6329	CO6344	6.29	0 1-	4ACSR	0	0	548	145	0	0	0	0.00	0.98	0
CO6328	CO6344	6.32	11 1-	2ACSR	0	0	546	144	53	7	4	0.01	0.99	0
CO6346	CO6328	6.43	11 1-	2ACSR	0	0	537	144	53	7	4	0.02	1.01	0
CO6327	CO6346	6.46	2 1-	2ACSR	0	0	534	144	6	0	0	0.00	1.01	0
CO6316	CO6327	6.50	2 1-	2ACSR	0	0	531	143	6	0	0	0.00	1.02	0
CO-1854412311	CO6346	6.44	9 1-	2ACSR	0	0	536	144	47	6	4	0.00	1.02	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO349530682	CO-1854412311	6.56	1 1-	2ACSR	0	0	526	143	6	0	0	0.00	1.02	0
CO189680783	CO-1854412311	6.45	8 1-	2ACSR	0	0	535	144	41	5	3	0.00	1.02	0
CO6324	CO189680783	6.47	8 1-	2ACSR	0	0	533	144	41	5	3	0.00	1.02	0
CO6345	CO6324	6.51	6 1-	2ACSR	0	0	530	143	39	5	3	0.01	1.03	0
CO6302	CO6345	6.57	5 1-	2ACSR	0	0	525	143	28	3	2	0.00	1.03	0
CO6282	CO6302	6.62	2 1-	2ACSR	0	0	521	143	8	1	1	0.00	1.03	0
CO6283	CO6282	6.70	0 1-	2ACSR	0	0	514	142	0	0	0	0.00	1.03	0
CO6301	CO6345	6.57	1 1-	1/0PRIURD	0	0	526	274	11	1	1	0.00	1.03	0
CO6325	CO6324	6.49	0 1-	2ACSR	0	0	531	143	0	0	0	0.00	1.02	0
CO6315	CO6325	6.55	0 1-	2ACSR	0	0	526	143	0	0	0	0.00	1.02	0
CO6284	CO6299	6.20	2 1-	4ACSR	0	0	556	145	29	3	3	0.01	0.96	0
CO6285	CO6284	6.23	1 1-	4ACSR	0	0	553	145	17	2	2	0.00	0.96	0
CO6237	CO6110	5.96	2 1-	2ACSR	0	0	579	146	7	0	1	0.00	0.84	0
CO6238	CO6237	5.98	1 1-	2ACSR	0	0	578	146	6	0	0	0.00	0.84	0
CO6236	CO6238	6.04	0 1-	2ACSR	0	0	572	146	0	0	0	0.00	0.84	0
CO6147	CO6238	6.01	1 1-	2ACSR	0	0	575	146	6	0	0	0.00	0.84	0
CO-273409755	CO6147	6.15	1 1-	2ACSR	0	0	562	145	6	0	0	0.00	0.84	0
CO6228	CO6111	5.62	4 1-	2ACSR	0	0	616	148	44	5	3	0.01	0.49	0
CO6229	CO6228	5.71	4 1-	2ACSR	0	0	606	148	44	5	3	0.02	0.51	0
CO6332	CO6229	5.72	2 1-	2ACSR	0	0	605	148	32	4	2	0.00	0.51	0
OC182	CO6332	5.72	2 1-	15 H OCR	0	0	605	148	32	4	29	0.00	0.51	0
CO6333	OC182	5.81	2 1-	2ACSR	0	0	595	147	32	4	2	0.01	0.52	0
CO6230	CO6333	5.86	2 1-	2ACSR	0	0	590	147	32	4	2	0.01	0.53	0
CO6231	CO6230	6.02	2 1-	2ACSR	0	0	574	146	32	4	2	0.02	0.54	0
CO6232	CO6231	6.09	1 1-	2ACSR	0	0	567	146	16	2	1	0.00	0.55	0
CO6233	CO6232	6.16	1 1-	2ACSR	0	0	560	145	16	2	1	0.00	0.55	0
CO6234	CO6233	6.22	1 1-	2ACSR	0	0	555	145	16	2	1	0.00	0.56	0
CO6235	CO6234	6.39	1 1-	2ACSR	0	0	540	144	16	2	1	0.01	0.56	0
CO6145	CO6232	6.15	0 1-	2ACSR	0	0	562	145	0	0	0	0.00	0.55	0
CO6146	CO6229	5.75	1 1-	2ACSR	0	0	601	148	0	0	0	0.00	0.51	0
CO6226	CO6276	5.55	1 1-	2ACSR	0	0	623	149	7	0	1	0.00	0.34	0
CO6227	CO6226	5.67	1 1-	2ACSR	0	0	610	148	7	0	1	0.00	0.35	0
CO6225	CO6227	5.84	1 1-	2ACSR	0	0	592	147	7	0	1	0.00	0.35	0
CO6140	REG249	5.36	0 1-	2ACSR	0	0	647	150	0	0	0	0.00	0.00	0
CO6139	CO6113	5.07	1 1-	2ACSR	0	0	684	152	5	0	0	0.00	7.48	0
CO6223	CO6221	4.91	0 1-	2ACSR	0	0	707	152	0	0	0	0.00	7.34	0
CO6224	CO6223	5.00	0 1-	2ACSR	0	0	694	152	0	0	0	0.00	7.34	0
CO6222	CO6224	5.04	0 1-	2ACSR	0	0	688	152	0	0	0	0.00	7.34	0
CO6214	CO6313	4.24	1 1-	2ACSR	0	0	820	157	12	1	1	0.00	6.38	0
CO6215	CO6214	4.28	1 1-	2ACSR	0	0	812	156	12	1	1	0.00	6.38	0
CO5757	CO5816	3.97	1 1-	2ACSR	0	0	878	158	16	2	1	0.01	5.77	0
CO5746	CO5816	3.89	1 1-	2ACSR	0	0	896	159	1	0	0	0.00	5.76	0
CO5808	CO5807	3.51	3 1-	2ACSR	0	0	994	161	2	0	0	0.00	5.02	0
CO5809	CO5808	3.57	3 1-	2ACSR	0	0	975	161	2	0	0	0.00	5.02	0
CO5810	CO5809	3.68	3 1-	2ACSR	0	0	948	160	2	0	0	0.00	5.02	0
CO5811	CO5810	3.78	3 1-	2ACSR	0	0	920	159	2	0	0	0.00	5.02	0
CO5812	CO5811	3.90	1 1-	2ACSR	0	0	894	159	0	0	0	0.00	5.02	0
CO5813	CO5812	3.97	1 1-	2ACSR	0	0	877	158	0	0	0	0.00	5.02	0
CO5747	CO5807	3.45	3 1-	2ACSR	0	0	1012	162	9	1	1	0.00	5.02	0
CO5803	CO5730	3.28	2 1-	2ACSR	0	0	1062	163	12	1	1	0.00	4.82	0
CO5804	CO5803	3.29	2 1-	2ACSR	0	0	1059	163	12	1	1	0.00	4.82	0
CO5805	CO5804	3.35	1 1-	2ACSR	0	0	1042	162	5	0	0	0.00	4.82	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5748	CO5804	3.35	1 1-	2ACSR	0	0	1040	162	6	0	0	0.00	4.82	0
CO5796	CO5795	2.60	2 1-	2ACSR	0	0	1337	167	14	1	1	0.00	3.49	0
CO5797	CO5796	2.74	2 1-	2ACSR	0	0	1273	166	14	1	1	0.01	3.50	0
CO5798	CO5797	2.97	2 1-	2ACSR	0	0	1175	165	14	1	1	0.01	3.51	0
CO5799	CO5798	3.04	1 1-	2ACSR	0	0	1147	164	12	1	1	0.00	3.51	0
CO5291	OC-453038052	1.10	41 3-	336ACSR	3222	3035	2676	176	238	10	2	0.01	1.15	3
CO5376	CO5291	1.17	0 3-	336ACSR	3151	2962	2602	176	0	0	0	0.00	1.15	0
CO5375	CO5376	1.29	0 3-	336ACSR	3040	2848	2487	176	0	0	0	0.00	1.15	0
SW1467466824-A	CO5375	1.29	0 3-	Open	3040	2848	2487	176	0	0	0	0.00	1.15	0
CO5297	CO5291	1.13	40 3-	336ACSR	3192	3004	2644	176	225	10	2	0.00	1.15	0
CO5485	CO5297	1.14	35 1-	6ACWC	0	0	2630	176	196	26	19	0.01	1.16	2
OC143	CO5485	1.14	35 1-	35 H OCR	0	0	2630	176	196	26	76	0.00	1.16	0
CO5486	OC143	1.17	35 1-	6ACWC	0	0	2571	175	196	26	19	0.03	1.19	11
CO5374	CO5486	1.28	35 1-	6ACWC	0	0	2361	174	195	26	19	0.13	1.32	41
CO5373	CO5374	1.36	34 1-	6ACWC	0	0	2227	173	194	26	19	0.09	1.41	29
CO5372	CO5373	1.45	34 1-	6ACWC	0	0	2081	172	194	26	19	0.11	1.52	35
CO5371	CO5372	1.51	29 1-	6ACWC	0	0	1997	172	153	20	15	0.05	1.58	12
CO5370	CO5371	1.69	27 1-	6ACWC	0	0	1777	170	138	18	13	0.15	1.72	33
CO5327	CO5370	1.86	1 1-	6ACWC	0	0	1607	168	2	0	0	0.00	1.72	0
CO5326	CO5370	1.79	1 1-	6ACWC	0	0	1676	169	11	1	1	0.00	1.73	0
CO5325	CO5370	1.79	1 1-	6ACWC	0	0	1676	169	5	0	1	0.00	1.73	0
CO5296	CO5370	1.80	24 1-	6ACWC	0	0	1662	169	119	16	12	0.08	1.80	15
CO5324	CO5296	1.85	0 1-	6ACWC	0	0	1616	168	0	0	0	0.00	1.80	0
CO5295	CO5296	1.94	24 1-	6ACWC	0	0	1531	167	119	16	12	0.10	1.90	20
CO5323	CO5295	1.99	1 1-	6ACWC	0	0	1490	167	18	2	2	0.00	1.91	0
CO5498	CO5295	2.04	23 1-	6ACWC	0	0	1454	166	101	13	10	0.06	1.96	9
CO5422	CO5498	2.13	23 1-	6ACWC	0	0	1383	166	101	13	10	0.06	2.02	9
CO5468	CO5422	2.25	2 1-	6ACWC	0	0	1304	164	5	0	1	0.00	2.02	0
CO5469	CO5468	2.32	0 1-	6ACWC	0	0	1260	164	0	0	0	0.00	2.02	0
CO5424	CO5422	2.20	21 1-	6ACWC	0	0	1334	165	96	13	9	0.04	2.06	7
CO5471	CO5424	2.21	2 1-	6ACWC	0	0	1326	165	3	0	0	0.00	2.06	0
CO5470	CO5471	2.28	2 1-	6ACWC	0	0	1286	164	3	0	0	0.00	2.06	0
CO5423	CO5424	2.21	19 1-	6ACWC	0	0	1330	165	93	12	9	0.00	2.07	0
CO5315	CO5423	2.29	19 1-	6ACWC	0	0	1275	164	93	12	9	0.05	2.11	7
CO5357	CO5315	2.39	1 1-	6ACWC	0	0	1220	163	8	1	1	0.00	2.12	0
CO5316	CO5315	2.38	18 1-	6ACWC	0	0	1227	163	84	11	8	0.04	2.16	6
CO5473	CO5316	2.40	2 1-	6ACWC	0	0	1214	163	1	0	0	0.00	2.16	0
CO5472	CO5473	2.45	0 1-	6ACWC	0	0	1188	162	0	0	0	0.00	2.16	0
CO5317	CO5316	2.47	16 1-	6ACWC	0	0	1175	162	84	11	8	0.04	2.20	5
CO5358	CO5317	2.53	1 1-	6ACWC	0	0	1145	162	13	1	1	0.00	2.20	0
CO5318	CO5317	2.54	13 1-	6ACWC	0	0	1139	162	50	6	5	0.02	2.22	0
CO5359	CO5318	2.61	4 1-	6ACWC	0	0	1105	161	11	1	1	0.00	2.22	0
CO5482	CO5318	2.67	8 1-	6ACWC	0	0	1078	160	38	5	4	0.03	2.25	0
CO5360	CO5482	2.72	1 1-	6ACWC	0	0	1057	160	9	1	1	0.00	2.25	0
CO5428	CO5482	2.74	7 1-	6ACWC	0	0	1048	160	29	3	3	0.01	2.26	0
CO5427	CO5428	2.83	6 1-	6ACWC	0	0	1013	159	23	3	2	0.01	2.27	0
CO5425	CO5427	2.85	6 1-	6ACWC	0	0	1007	159	23	3	2	0.00	2.28	0
CO5426	CO5425	2.97	6 1-	6ACWC	0	0	960	158	23	3	2	0.02	2.29	0
CO5361	CO5426	3.04	1 1-	6ACWC	0	0	935	157	7	0	1	0.00	2.29	0
CO5430	CO5426	3.02	5 1-	6ACWC	0	0	943	157	16	2	2	0.00	2.30	0
CO5429	CO5430	3.12	5 1-	6ACWC	0	0	912	156	16	2	2	0.01	2.31	0
CO8321	CO5429	3.29	1 1-	6ACWC	0	0	858	155	3	0	0	0.00	2.31	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO8317	CO5429	3.22	4 1-	6ACWC	0	0	881	155	13	1	1	0.01	2.31	0
CO5767	CO8317	3.26	4 1-	6ACWC	0	0	869	155	13	1	1	0.00	2.32	0
CO5765	CO5767	3.33	2 1-	6ACWC	0	0	848	155	11	1	1	0.00	2.32	0
CO5766	CO5765	3.34	2 1-	6ACWC	0	0	845	154	11	1	1	0.00	2.32	0
CO5764	CO5766	3.42	1 1-	6ACWC	0	0	823	154	0	0	0	0.00	2.32	0
CO5763	CO5764	3.55	1 1-	6ACWC	0	0	790	153	0	0	0	0.00	2.32	0
CO5875	CO5763	3.56	0 1-	4ACSR	0	0	789	153	0	0	0	0.00	2.32	0
CO5753	CO5763	3.74	1 1-	6ACWC	0	0	747	151	0	0	0	0.00	2.32	0
OH168	CO5763	4.07	0 1-	6ACWC	0	0	682	148	0	0	0	0.00	2.32	0
OH169	OH168	4.48	0 1-	6ACWC	0	0	614	145	0	0	0	0.00	2.32	0
OH171	OH169	4.70	0 1-	6ACWC	0	0	585	143	0	0	0	0.00	2.32	0
SW173-A	OH171	4.70	0 1-	Open	0	0	585	143	0	0	0	0.00	2.32	0
CO5752	CO5767	3.30	2 1-	6ACWC	0	0	855	155	2	0	0	0.00	2.32	0
CO-762251945	CO5318	2.60	1 1-	2ACSR	0	0	1116	161	0	0	0	0.00	2.22	0
CO5443	CO5372	1.55	5 1-	6ACWC	0	0	1949	171	41	5	4	0.02	1.55	0
CO-2099069021	CO5443	1.59	1 1-	2ACSR	0	0	1908	171	12	1	1	0.00	1.55	0
CO5479	CO5443	1.56	4 1-	6ACWC	0	0	1935	171	29	3	3	0.00	1.55	0
CO5480	CO5479	1.63	3 1-	6ACWC	0	0	1853	171	29	3	3	0.01	1.56	0
CO5442	CO5480	1.67	2 1-	6ACWC	0	0	1804	170	19	2	2	0.00	1.56	0
CO5444	CO5442	1.74	1 1-	6ACWC	0	0	1725	169	15	2	1	0.00	1.57	0
CO5440	CO5297	1.24	5 1-	336 MCM ACSR 30	0	0	2544	176	30	3	1	0.00	1.15	0
CO5439	CO5440	1.31	4 1-	336 MCM ACSR 30	0	0	2473	176	30	3	1	0.00	1.16	0
CO5441	CO5439	1.36	2 1-	336 MCM ACSR 30	0	0	2435	175	22	2	1	0.00	1.16	0
CO1630746698	CO5441	1.44	1 1-	2ACSR	0	0	2320	175	13	1	1	0.00	1.16	0
CO5475	CO5367	1.01	1 1-	4ACSR	0	0	2692	175	6	0	1	0.00	1.14	0
CO5474	CO5475	1.02	1 1-	4ACSR	0	0	2664	175	6	0	1	0.00	1.14	0
CO5489	CO5365	0.70	13 1-	6ACWC	0	0	3362	177	39	5	4	0.00	0.75	0
OC145	CO5489	0.70	13 1-	10 N FUSE	0	0	3362	177	39	5	53	0.00	0.75	0
CO5490	OC145	0.84	13 1-	6ACWC	0	0	2958	176	39	5	4	0.03	0.78	0
CO5343	CO5490	0.92	2 1-	6ACWC	0	0	2740	175	5	0	0	0.00	0.78	0
CO-1844693248	CO5490	0.87	1 1-	2ACSR	0	0	2877	176	12	1	1	0.00	0.78	0
CO5308	CO5490	1.04	10 1-	6ACWC	0	0	2482	174	22	3	2	0.03	0.80	0
CO8316	CO5308	1.11	6 1-	6ACWC	0	0	2332	173	8	1	1	0.00	0.81	0
CO8320	CO8316	1.15	2 1-	6ACWC	0	0	2263	173	4	0	0	0.00	0.81	0
CO5769	CO8316	1.23	3 1-	6ACWC	0	0	2132	172	3	0	0	0.00	0.81	0
CO5770	CO5769	1.36	3 1-	6ACWC	0	0	1937	170	3	0	0	0.00	0.81	0
CO5771	CO5770	1.62	3 1-	6ACWC	0	0	1638	168	3	0	0	0.00	0.81	0
CO5772	CO5771	1.76	3 1-	6ACWC	0	0	1501	166	3	0	0	0.00	0.82	0
CO5773	CO5772	2.19	3 1-	6ACWC	0	0	1208	162	3	0	0	0.01	0.82	0
CO5774	CO5773	2.22	3 1-	6ACWC	0	0	1191	162	3	0	0	0.00	0.82	0
CO5776	CO5774	2.29	3 1-	1/0PRIURD	0	0	1170	363	3	0	0	0.00	0.82	0
CO5777	CO5776	2.37	2 1-	1/0PRIURD	0	0	1146	361	3	0	0	0.00	0.82	0
CO5775	CO5777	2.56	1 1-	1/0PRIURD	0	0	1092	356	3	0	0	0.00	0.82	0
CO8315	CO5308	1.19	4 1-	6ACWC	0	0	2197	172	14	1	1	0.01	0.82	0
CO5768	CO8315	1.23	2 1-	6ACWC	0	0	2130	172	10	1	1	0.00	0.82	0
CO5873	CO5768	1.41	2 1-	6ACWC	0	0	1876	170	10	1	1	0.01	0.83	0
CO5874	CO5873	1.47	1 1-	6ACWC	0	0	1795	169	8	1	1	0.00	0.83	0
CO5739	CO8315	1.23	1 1-	6ACWC	0	0	2135	172	2	0	0	0.00	0.82	0
CO1854306361	CO-423970069	0.49	1 3-	2ACSR	4333	4226	3930	178	13	0	0	0.00	0.28	0
CO-1476451937	CO1854306361	0.54	1 3-	2ACSR	4193	4067	3755	178	13	0	0	0.00	0.28	0
CO5463	CO-423970069	0.44	6 1-	4ACSR	0	0	4090	179	18	2	2	0.00	0.28	0
CO5462	CO5463	0.51	6 1-	4ACSR	0	0	3813	178	18	2	2	0.01	0.28	0

Title: FLEMING - MASON ENERGY COOPERATIVE - KENTUCKY 52 FLEMING - FLEMINGSBURG, KENTUCKY
 Case: 2008-2009 CONSTRUCTION WORK PLAN - FUTURE WINTER 2008-09 SYSTEM AFTER IMPROVEMENTS
 Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO5345	CO5462	0.54	1 1-	4ACSR	0	0	3662	177	7	0	1	0.00	0.28	0
CO5464	CO5462	0.56	1 1-	4ACSR	0	0	3589	177	2	0	0	0.00	0.28	0
CO-1606246390	CO-1660857539	0.00	0 3-	500 MCM ACSR 30	5513	5752	5817	180	0	0	0	0.00	0.00	0
OC-1576232584	CO-1606246390	0.00	0 3-	560 200WVE	5513	5752	5817	180	0	0	0	0.00	0.00	0
CO-734006800	OC-1576232584	0.00	0 3-	500 MCM ACSR 30	5511	5749	5814	180	0	0	0	0.00	0.00	0
SUB 0 total losses:		\$108,594												

 Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB	0 RECTORVILLE SUB		2157		6065	6302	6354	180	12588					
	CO22485 RECTORVILLE SUB	0.00	2157 3-	750 MCM - 42 Wi	6053	6285	6334	180	12588	564	49	0.01	0.01	62
	CO22486 CO22485	0.01	2157 3-	750 MCM - 42 Wi	6042	6268	6315	180	12588	564	49	0.01	0.01	62
	CO22489 CO22486	0.02	292 3-	750 MCM - 42 Wi	6003	6209	6249	180	1845	82	7	0.00	0.02	5
	Owl Hollow CO22489	0.02	292 3-	560 200WVE	6003	6209	6249	180	1845	82	15	0.00	0.02	0
	CO22368 Owl Hollow	0.03	292 3-	4/0ACSR	5953	6131	6168	180	1845	82	24	0.01	0.03	25
	CO22369 CO22368	0.13	292 3-	4/0ACSR	5601	5620	5616	179	1845	82	24	0.08	0.10	187
	CO22370 CO22369	0.15	292 3-	4/0ACSR	5535	5530	5516	179	1844	82	24	0.02	0.12	37
	CO22371 CO22370	0.19	292 3-	4/0ACSR	5378	5341	5284	179	1844	82	24	0.04	0.16	90
	CO22279 CO22371	0.26	289 3-	4/0ACSR	5164	5099	4979	179	1800	80	24	0.05	0.21	126
	CO23696 CO22279	0.29	287 3-	4/0ACSR	5064	4987	4840	179	1782	80	24	0.03	0.24	62
	CO22787 CO23696	0.33	2 1-	2ACSR	0	0	4642	179	23	3	2	0.00	0.24	0
	CO22878 CO23696	0.33	284 3-	4/0ACSR	4961	4871	4699	179	1756	79	23	0.03	0.26	64
	CO22853 CO22878	0.39	11 1-	4ACSR	0	0	4380	178	96	12	9	0.03	0.30	5
	CO22854 CO22853	0.42	10 1-	4ACSR	0	0	4223	178	85	11	8	0.01	0.31	0
	CO22855 CO22854	0.47	8 1-	4ACSR	0	0	3963	177	73	9	7	0.02	0.33	2
	CO23695 CO22855	0.51	6 1-	4ACSR	0	0	3802	177	53	7	5	0.01	0.34	0
	CO22158 CO23695	0.55	4 1-	4ACSR	0	0	3637	176	26	3	2	0.00	0.34	0
	CO22157 CO22158	0.57	3 1-	4ACSR	0	0	3560	176	13	1	1	0.00	0.34	0
	CO22156 CO22157	0.58	2 1-	4ACSR	0	0	3496	176	2	0	0	0.00	0.34	0
	CO22757 CO22854	0.43	1 1-	4ACSR	0	0	4165	178	2	0	0	0.00	0.31	0
	CO22789 CO22878	0.36	273 3-	4/0ACSR	4867	4766	4573	179	1659	74	22	0.02	0.29	54
	CO22788 CO22789	0.39	271 3-	4/0ACSR	4805	4697	4491	179	1634	73	22	0.02	0.30	36
	CO22791 CO22788	0.44	271 3-	4/0ACSR	4657	4534	4299	179	1634	73	22	0.04	0.35	89
	CO22790 CO22791	0.56	271 3-	4/0ACSR	4386	4239	3960	178	1634	73	22	0.08	0.43	177
	CO22760 CO22790	0.65	0 1-	4ACSR	0	0	3585	177	0	0	0	0.00	0.43	0
	CO22759 CO22790	0.65	1 1-	4ACSR	0	0	3585	177	15	2	1	0.00	0.43	0
	CO22795 CO22790	0.67	270 3-	4/0ACSR	4144	3978	3669	178	1618	72	21	0.08	0.51	174
	CO22796 CO22795	0.88	270 3-	4/0ACSR	3759	3573	3230	177	1617	72	21	0.15	0.66	319
	CO22794 CO22796	1.11	270 3-	4/0ACSR	3411	3213	2856	177	1616	72	21	0.16	0.82	348
	CO22797 CO22794	1.30	270 3-	4/0ACSR	3165	2963	2603	176	1614	72	21	0.13	0.95	288
	CO22793 CO22797	1.38	269 3-	4/0ACSR	3062	2861	2501	176	1600	72	21	0.06	1.01	132
	CO22792 CO22793	1.46	268 3-	4/0ACSR	2983	2781	2423	176	1599	72	21	0.05	1.06	108
	CO22800 CO22792	1.53	266 3-	4/0ACSR	2903	2702	2345	176	1580	71	21	0.05	1.12	111
	CO22801 CO22800	1.61	266 3-	4/0ACSR	2828	2627	2273	175	1579	71	21	0.05	1.17	110
	CO22798 CO22801	1.74	264 3-	4/0ACSR	2706	2511	2157	175	1561	70	21	0.09	1.26	188
	CO22799 CO22798	1.81	263 3-	4/0ACSR	2645	2454	2100	175	1557	70	21	0.05	1.31	100
	CO30564 CO22799	1.87	263 3-	4/0ACSR	2594	2406	2052	175	1557	70	21	0.04	1.35	87
	CO22810 CO30564	1.88	261 3-	4/0ACSR	2585	2397	2043	175	1531	69	20	0.01	1.36	16
	CO22809 CO22810	1.95	261 3-	4/0ACSR	2530	2346	1993	174	1531	69	20	0.05	1.40	95
	CO22743 CO22809	2.01	252 3-	4/0ACSR	2484	2303	1950	174	1490	67	20	0.04	1.44	80
	CO22815 CO22743	2.06	252 3-	4/0ACSR	2450	2271	1920	174	1490	67	20	0.03	1.47	59
	CO22814 CO22815	2.15	251 3-	4/0ACSR	2380	2206	1857	174	1482	67	20	0.06	1.53	128
	CO22813 CO22814	2.22	250 3-	4/0ACSR	2333	2162	1814	174	1481	67	20	0.05	1.58	90
	CO22816 CO22813	2.29	250 3-	4/0ACSR	2289	2120	1775	173	1481	67	20	0.04	1.62	89
	CO22812 CO22816	2.59	250 3-	4/0ACSR	2110	1953	1617	173	1480	67	20	0.20	1.82	394
	CO22817 CO22812	2.65	250 3-	4/0ACSR	2079	1925	1591	172	1479	67	20	0.04	1.86	74
	CO22821 CO22817	2.74	24 3-	1/0ACSR	2021	1872	1542	172	282	12	6	0.02	1.88	8
	SW1-A CO22821	2.74	24 3-	Closed	2021	1872	1542	172	282	12	0	0.00	1.88	0
	SW1-B SW1-A	2.74	24 3-	Closed	2021	1872	1542	172	282	12	0	0.00	1.88	0
	CO22820 SW1-B	2.87	24 3-	1/0AAAC	1949	1807	1480	171	282	12	5	0.03	1.90	12

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1902510789	CO22820	2.87	23 3-	20 N FUSE	1949	1807	1480	171	275	12	62	0.00	1.90	0
CO1144357358	OC-1902510789	3.02	23 3-	1/0AAAC	1873	1738	1416	171	275	12	5	0.03	1.93	13
CO22822	CO1144357358	3.17	23 3-	1/0ACSR	1793	1666	1350	170	274	12	5	0.03	1.97	13
CO22823	CO22822	3.39	23 3-	1/0ACSR	1688	1571	1266	169	274	12	5	0.05	2.01	19
CO23227	CO22823	3.46	23 3-	1/0ACSR	1657	1542	1241	168	274	12	5	0.01	2.03	6
CO23158	CO23227	3.79	23 3-	1/0ACSR	1523	1421	1135	167	274	12	5	0.07	2.10	29
CO23157	CO23158	3.87	23 3-	1/0ACSR	1491	1391	1109	166	274	12	5	0.02	2.12	8
CO-969913368	CO23157	4.04	23 3-	1/0ACSR	1433	1338	1064	166	274	12	5	0.04	2.15	15
CO1311691612	CO-969913368	4.09	19 1-	2ACSR	0	0	1050	165	91	12	7	0.02	2.17	3
CO-1026502091	CO1311691612	4.12	19 1-	2ACSR	0	0	1038	165	91	12	7	0.01	2.18	0
OC656923649	CO-1026502091	4.12	19 1-	20 N FUSE	0	0	1038	165	91	12	62	0.00	2.18	0
CO23101	OC656923649	4.24	19 1-	4ACSR	0	0	997	164	91	12	9	0.06	2.24	8
CO23232	CO23101	4.29	1 1-	4ACSR	0	0	980	163	11	1	1	0.00	2.25	0
CO23231	CO23232	4.31	1 1-	4ACSR	0	0	976	163	11	1	1	0.00	2.25	0
CO23162	CO23101	4.50	16 1-	4ACSR	0	0	915	161	65	8	6	0.10	2.35	11
CO23161	CO23162	4.54	16 1-	4ACSR	0	0	905	161	65	8	6	0.01	2.36	0
CO23159	CO23161	4.67	15 1-	4ACSR	0	0	868	160	62	8	6	0.05	2.41	5
OC878077373	CO23159	4.67	14 1-	20 N FUSE	0	0	868	160	61	8	42	0.00	2.41	0
CO23160	OC878077373	4.75	14 1-	4ACSR	0	0	845	159	61	8	6	0.03	2.44	3
CO23103	CO23160	4.83	14 1-	4ACSR	0	0	826	158	61	8	6	0.03	2.47	3
CO845645207	CO23103	4.88	14 1-	4ACSR	0	0	814	158	61	8	6	0.02	2.49	0
CO1779354015	CO845645207	5.06	14 1-	4ACSR	0	0	774	156	61	8	6	0.07	2.56	7
CO23128	CO1779354015	5.22	14 1-	4ACSR	0	0	740	155	61	8	6	0.06	2.61	6
CO23164	CO23128	5.29	13 1-	4ACSR	0	0	725	154	61	8	6	0.02	2.64	0
CO23163	CO23164	5.46	10 1-	4ACSR	0	0	693	153	42	5	4	0.04	2.68	3
CO23129	CO23163	5.55	1 1-	4ACSR	0	0	678	152	1	0	0	0.00	2.68	0
CO23105	CO23163	5.61	8 1-	4ACSR	0	0	667	151	38	5	4	0.03	2.71	0
CO23130	CO23105	5.73	1 1-	4ACSR	0	0	648	150	7	0	1	0.00	2.72	0
CO23106	CO23105	5.73	6 1-	4ACSR	0	0	648	150	27	3	3	0.02	2.73	0
CO23234	CO23106	5.83	1 1-	4ACSR	0	0	632	149	0	0	0	0.00	2.73	0
CO23233	CO23234	5.94	0 1-	4ACSR	0	0	617	149	0	0	0	0.00	2.73	0
CO23107	CO23106	5.83	5 1-	4ACSR	0	0	632	149	27	3	3	0.02	2.75	0
CO23270	CO23107	6.16	4 1-	4ACSR	0	0	586	147	27	3	3	0.05	2.80	0
CO23261	CO23270	6.21	3 1-	4ACSR	0	0	579	146	23	3	2	0.01	2.81	0
CO23134	CO23261	6.27	2 1-	4ACSR	0	0	572	146	13	1	1	0.00	2.81	0
CO23178	CO23261	6.25	1 1-	4ACSR	0	0	574	146	10	1	1	0.00	2.81	0
CO-371329118	CO23178	6.30	0 1-	4ACSR	0	0	569	146	0	0	0	0.00	2.81	0
CO26951049	CO-371329118	6.36	0 1-	4ACSR	0	0	562	145	0	0	0	0.00	2.81	0
CO23131	CO23107	5.89	1 1-	4ACSR	0	0	623	149	0	0	0	0.00	2.75	0
CO-521739218	CO845645207	4.91	0 1-	4ACSR	0	0	808	158	0	0	0	0.00	2.49	0
CO23126	CO23160	4.80	0 1-	4ACSR	0	0	833	158	0	0	0	0.00	2.44	0
CO1246845140	CO-969913368	4.10	4 3-	1/0ACSR	1413	1320	1049	165	183	8	4	0.01	2.16	2
CO-359398303	CO1246845140	4.14	1 3-	1/0ACSR	1401	1310	1040	165	167	7	3	0.00	2.16	0
CO-360110062	CO-359398303	4.15	1 3-	1/0ACSR	1396	1305	1035	165	167	7	3	0.00	2.17	0
210112005	CO-360110062	4.15	1 3-	Consumer	1396	1305	1035	165	167	7	0	0.00	2.17	0
CO-1106469593	CO1246845140	4.15	0 1-	2ACSR	0	0	1034	165	0	0	0	0.00	2.16	0
CO23228	CO1246845140	4.23	2 1-	4ACSR	0	0	1003	164	5	0	1	0.00	2.16	0
CO23229	CO23228	4.30	1 1-	4ACSR	0	0	978	163	0	0	0	0.00	2.16	0
CO23152	CO1246845140	4.16	1 1-	2ACSR	0	0	1031	165	11	1	1	0.00	2.16	0
CO-949620761	CO22820	2.88	1 1-	4ACSR	0	0	1476	171	7	0	1	0.00	1.90	0
CO22861	CO-949620761	2.93	1 1-	4ACSR	0	0	1439	171	7	0	1	0.00	1.91	0
CO22860	CO22861	2.99	1 1-	4ACSR	0	0	1402	170	7	0	1	0.00	1.91	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22862	CO22860	3.05	1 1-	4ACSR	0	0	1362	169	7	0	1	0.00	1.91	0
CO22859	CO22862	3.14	1 1-	4ACSR	0	0	1309	168	7	0	1	0.00	1.91	0
CO22811	CO22817	2.76	226 3-	4/0ACSR	2020	1871	1540	172	1197	54	16	0.06	1.92	97
OC-176889844	CO22811	2.76	225 3-	20 N FUSE	2020	1871	1540	172	1194	54	272	0.00	1.92	0
CO22818	OC-176889844	2.86	225 3-	4/0ACSR	1972	1825	1499	172	1194	54	16	0.05	1.97	85
CO22819	CO22818	3.01	225 3-	4/0ACSR	1904	1762	1441	171	1194	54	16	0.08	2.05	125
CO22744	CO22819	3.10	225 3-	4/0ACSR	1865	1726	1408	171	1194	54	16	0.05	2.09	76
CO22745	CO22744	3.23	225 3-	4/0ACSR	1809	1675	1362	171	1193	54	16	0.07	2.16	114
CO22883	CO22745	3.24	63 1-	4ACSR	0	0	1358	171	275	37	27	0.01	2.17	5
OC698	CO22883	3.24	63 1-	50 L OCR	0	0	1358	171	275	37	0	0.00	2.17	0
CO22884	OC698	3.35	63 1-	4ACSR	0	0	1297	170	275	37	27	0.18	2.36	81
CO22827	CO22884	3.48	62 1-	4ACSR	0	0	1229	168	269	36	26	0.22	2.57	95
CO22828	CO22827	3.65	62 1-	4ACSR	0	0	1149	166	268	36	26	0.28	2.86	123
CO22767	CO22828	3.75	1 1-	4ACSR	0	0	1108	165	0	0	0	0.00	2.86	0
CO22829	CO22828	3.99	61 1-	4ACSR	0	0	1012	163	268	36	26	0.56	3.42	247
CO22885	CO22829	4.23	61 1-	4ACSR	0	0	933	161	267	36	26	0.38	3.81	168
CO22832	CO22885	4.29	60 1-	4ACSR	0	0	913	160	261	36	26	0.10	3.91	43
CO1683754522	CO22832	4.38	59 1-	4ACSR	0	0	885	159	244	33	24	0.14	4.05	57
OC-258606013	CO1683754522	4.38	59 1-	20 N FUSE	0	0	885	159	244	33	169	0.00	4.05	0
CO765392547	OC-258606013	5.39	2 1-	2ACSR	0	0	703	153	8	1	1	0.02	4.07	0
OC-1068439364	CO765392547	5.39	0 1-	20 N FUSE	0	0	703	153	0	0	0	0.00	4.07	0
CO-486581547	OC-258606013	4.47	57 1-	4ACSR	0	0	861	158	236	32	23	0.13	4.18	50
CO22831	CO-486581547	4.56	57 1-	4ACSR	0	0	838	158	236	32	23	0.13	4.31	49
CO22771	CO22831	4.59	1 1-	4ACSR	0	0	831	157	11	1	1	0.00	4.31	0
CO22835	CO22831	4.69	56 1-	4ACSR	0	0	805	156	225	31	22	0.18	4.49	68
CO22834	CO22835	4.73	55 1-	4ACSR	0	0	796	156	221	30	22	0.05	4.54	19
OC989053862	CO22834	4.73	53 1-	20 N FUSE	0	0	796	156	216	30	150	0.00	4.54	0
CO22866	OC989053862	4.81	5 1-	4ACSR	0	0	778	155	18	2	2	0.01	4.55	0
OC-500684524	CO22866	4.81	3 1-	20 N FUSE	0	0	778	155	10	1	7	0.00	4.55	0
CO22865	OC-500684524	4.90	3 1-	4ACSR	0	0	757	154	10	1	1	0.01	4.55	0
CO22864	CO22865	4.96	2 1-	4ACSR	0	0	744	154	8	1	1	0.00	4.56	0
CO22748	OC989053862	4.83	48 1-	4ACSR	0	0	773	155	198	27	20	0.12	4.66	40
CO22749	CO22748	4.93	47 1-	4ACSR	0	0	750	154	193	26	19	0.13	4.79	41
CO22774	CO22749	5.11	3 1-	4ACSR	0	0	715	153	9	1	1	0.00	4.80	0
CO22773	CO22749	5.09	0 1-	4ACSR	0	0	718	153	0	0	0	0.00	4.79	0
CO22750	CO22749	5.00	43 1-	4ACSR	0	0	737	154	179	24	18	0.07	4.86	21
CO22837	CO22750	5.01	41 1-	4ACSR	0	0	734	154	173	24	17	0.02	4.88	5
CO22836	CO22837	5.22	40 1-	4ACSR	0	0	693	152	169	23	17	0.22	5.10	63
CO22776	CO22836	5.32	2 1-	4ACSR	0	0	676	151	9	1	1	0.00	5.11	0
CO22751	CO22836	5.29	38 1-	4ACSR	0	0	681	151	160	22	16	0.07	5.17	19
CO22752	CO22751	5.46	38 1-	4ACSR	0	0	652	150	160	22	16	0.17	5.34	46
CO22839	CO22752	5.59	11 1-	4ACSR	0	0	632	149	44	6	4	0.03	5.38	2
OC-524800411	CO22839	5.59	10 1-	20 N FUSE	0	0	632	149	41	5	29	0.00	5.38	0
CO22838	OC-524800411	5.63	10 1-	4ACSR	0	0	626	148	41	5	4	0.01	5.39	0
CO22778	CO22838	5.72	1 1-	4ACSR	0	0	613	148	7	1	1	0.00	5.39	0
CO22841	CO22838	5.70	9 1-	4ACSR	0	0	615	148	33	4	3	0.01	5.40	0
CO22840	CO22841	5.92	8 1-	4ACSR	0	0	586	146	26	3	3	0.03	5.44	0
CO22753	CO22840	6.54	6 1-	4ACSR	0	0	513	141	19	2	2	0.08	5.51	2
CO22754	CO22753	6.75	6 1-	4ACSR	0	0	493	140	19	2	2	0.03	5.54	0
CO22869	CO22754	6.85	4 1-	4ACSR	0	0	484	139	9	1	1	0.01	5.54	0
CO22870	CO22869	6.92	3 1-	4ACSR	0	0	477	138	9	1	1	0.00	5.55	0
CO22868	CO22870	6.97	1 1-	4ACSR	0	0	473	138	3	0	0	0.00	5.55	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22867	CO22868	7.04	1 1-	4ACSR	0	0	467	137	3	0	0	0.00	5.55	0
CO22871	CO22867	7.11	1 1-	4ACSR	0	0	461	137	3	0	0	0.00	5.55	0
CO22780	CO22754	6.94	2 1-	4ACSR	0	0	475	138	10	1	1	0.01	5.54	0
CO22843	CO22753	6.88	0 1-	4ACSR	0	0	480	139	0	0	0	0.00	5.51	0
CO22842	CO22843	7.05	0 1-	4ACSR	0	0	466	137	0	0	0	0.00	5.51	0
CO22844	CO22842	7.21	0 1-	4ACSR	0	0	453	136	0	0	0	0.00	5.51	0
CO22779	CO22840	6.01	2 1-	4ACSR	0	0	574	145	6	0	1	0.00	5.44	0
CO22755	CO22752	5.56	27 1-	4ACSR	0	0	637	149	115	16	12	0.07	5.41	13
CO22782	CO22755	5.65	1 1-	4ACSR	0	0	623	148	3	0	0	0.00	5.41	0
CO22781	CO22755	5.61	1 1-	4ACSR	0	0	629	148	1	0	0	0.00	5.41	0
CO22845	CO22755	5.58	25 1-	4ACSR	0	0	634	149	111	15	11	0.01	5.43	3
CO22847	CO22845	5.61	24 1-	4ACSR	0	0	629	148	98	13	10	0.02	5.45	3
CO22846	CO22847	5.78	23 1-	4ACSR	0	0	605	147	97	13	10	0.10	5.55	17
CO22873	CO22846	5.86	1 1-	4ACSR	0	0	593	146	4	0	0	0.00	5.55	0
CO22783	CO22873	5.91	1 1-	4ACSR	0	0	587	146	4	0	0	0.00	5.55	0
CO22872	CO22873	5.95	0 1-	4ACSR	0	0	582	146	0	0	0	0.00	5.55	0
CO22849	CO22846	5.85	22 1-	4ACSR	0	0	595	147	93	13	9	0.04	5.59	6
CO22848	CO22849	5.97	22 1-	4ACSR	0	0	579	146	93	13	9	0.07	5.66	11
CO22874	CO22848	6.06	2 1-	4ACSR	0	0	567	145	6	0	1	0.00	5.66	0
CO22875	CO22874	6.14	1 1-	4ACSR	0	0	558	144	6	0	1	0.00	5.67	0
CO22851	CO22848	5.99	20 1-	4ACSR	0	0	577	145	88	12	9	0.01	5.67	0
CO22850	CO22851	6.20	20 1-	4ACSR	0	0	551	144	88	12	9	0.12	5.79	17
CO22852	CO22850	6.31	20 1-	4ACSR	0	0	538	143	87	12	9	0.06	5.85	9
CO22756	CO22852	6.44	19 1-	4ACSR	0	0	523	142	81	11	8	0.07	5.92	10
CO23698	CO22756	6.70	16 1-	4ACSR	0	0	498	140	78	10	8	0.13	6.04	16
CO22553	CO23698	6.90	12 1-	4ACSR	0	0	479	138	65	9	7	0.08	6.12	9
CO22556	CO22553	6.95	5 1-	4ACSR	0	0	474	138	9	1	1	0.00	6.13	0
CO22727	CO22556	6.96	4 1-	4ACSR	0	0	474	138	8	1	1	0.00	6.13	0
OC684	CO22727	6.96	4 1-	15 H OCR	0	0	474	138	8	1	7	0.00	6.13	0
CO22728	OC684	7.05	4 1-	4ACSR	0	0	466	137	8	1	1	0.00	6.13	0
CO22718	CO22728	7.18	3 1-	4ACSR	0	0	455	136	8	1	1	0.01	6.14	0
CO22719	CO22718	7.53	3 1-	4ACSR	0	0	429	134	8	1	1	0.02	6.16	0
CO22720	CO22719	7.57	3 1-	4ACSR	0	0	426	134	8	1	1	0.00	6.16	0
CO22721	CO22720	7.67	3 1-	4ACSR	0	0	419	133	8	1	1	0.01	6.16	0
CO22722	CO22721	7.72	3 1-	4ACSR	0	0	415	133	8	1	1	0.00	6.16	0
CO22573	CO22722	7.77	1 1-	4ACSR	0	0	412	132	0	0	0	0.00	6.16	0
CO22723	CO22722	7.84	1 1-	4ACSR	0	0	407	132	5	0	1	0.00	6.17	0
CO22724	CO22723	7.96	1 1-	4ACSR	0	0	400	131	5	0	1	0.00	6.17	0
CO22574	CO22556	6.99	1 1-	4ACSR	0	0	471	138	1	0	0	0.00	6.13	0
CO22554	CO22553	7.07	7 1-	4ACSR	0	0	464	137	56	7	6	0.06	6.19	6
CO22714	CO22554	7.11	4 1-	4ACSR	0	0	461	137	32	4	3	0.01	6.19	0
CO22715	CO22714	7.25	4 1-	4ACSR	0	0	450	136	32	4	3	0.02	6.21	0
CO22713	CO22715	7.29	3 1-	4ACSR	0	0	447	136	18	2	2	0.00	6.22	0
CO22555	CO22713	7.40	3 1-	4ACSR	0	0	438	135	18	2	2	0.01	6.23	0
CO22577	CO22555	7.52	0 1-	4ACSR	0	0	429	134	0	0	0	0.00	6.23	0
CO22711	CO22555	7.43	3 1-	4ACSR	0	0	436	135	18	2	2	0.00	6.24	0
CO22712	CO22711	7.55	3 1-	4ACSR	0	0	427	134	18	2	2	0.01	6.25	0
CO-928653193	CO22712	7.70	2 1-	2ACSR	0	0	419	133	13	1	1	0.01	6.26	0
CO-845775053	CO-928653193	7.74	1 1-	2ACSR	0	0	417	133	9	1	1	0.00	6.26	0
CO-243526851	CO-928653193	7.80	1 1-	2ACSR	0	0	414	133	3	0	0	0.00	6.26	0
CO21890	CO-243526851	7.98	1 1-	4ACSR	0	0	402	132	3	0	0	0.00	6.26	0
CO21891	CO21890	8.06	0 1-	4ACSR	0	0	397	131	0	0	0	0.00	6.26	0

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CO21892	CO21891	8.13	0 1-	4ACSR	0	0	393	131	0	0	0	0.00	6.26	0
CO22578	CO22712	7.61	1 1-	4ACSR	0	0	423	133	5	0	0	0.00	6.25	0
CO22596	CO22711	7.50	0 1-	2ACSR	0	0	432	134	0	0	0	0.00	6.24	0
CO22576	CO22554	7.13	1 1-	4ACSR	0	0	459	137	11	1	1	0.00	6.19	0
CO22575	CO22554	7.13	2 1-	4ACSR	0	0	459	137	13	1	1	0.00	6.19	0
CO22716	CO23698	6.85	4 1-	4ACSR	0	0	484	139	13	1	1	0.01	6.05	0
CO22717	CO22716	6.92	1 1-	4ACSR	0	0	478	138	3	0	0	0.00	6.05	0
CO22877	CO22756	6.56	3 1-	4/0ACSR	0	0	518	142	3	0	0	0.00	5.92	0
CO22786	CO22877	6.63	1 1-	4/0ACSR	0	0	515	141	1	0	0	0.00	5.92	0
CO22876	CO22877	6.60	2 1-	4/0ACSR	0	0	516	141	2	0	0	0.00	5.92	0
CO22784	CO22852	6.36	1 1-	4ACSR	0	0	532	142	7	0	1	0.00	5.85	0
CO22777	CO22751	5.40	0 1-	4ACSR	0	0	663	150	0	0	0	0.00	5.17	0
CO22775	CO22750	5.08	2 1-	4ACSR	0	0	720	153	6	0	1	0.00	4.86	0
CO22772	CO22748	4.87	1 1-	4ACSR	0	0	763	155	4	0	0	0.00	4.66	0
CO22825	CO22745	3.28	162 3-	4/0ACSR	1790	1657	1346	171	918	41	12	0.02	2.18	24
CO22824	CO22825	3.60	162 3-	4/0ACSR	1672	1548	1248	170	918	41	12	0.13	2.31	159
OC-374486693	CO22824	3.60	161 3-	20 N FUSE	1672	1548	1248	170	902	41	206	0.00	2.31	0
CO22826	OC-374486693	3.65	161 3-	4/0ACSR	1657	1534	1236	170	902	41	12	0.02	2.33	21
CO22768	CO22826	3.69	0 1-	4ACSR	0	0	1214	169	0	0	0	0.00	2.33	0
OC-269789067	CO22768	3.69	0 1-	20 N FUSE	0	0	1214	169	0	0	0	0.00	2.33	0
CO22746	CO22826	3.70	161 3-	4/0ACSR	1638	1516	1220	169	901	41	12	0.02	2.35	29
CO-1761758658	CO22746	3.76	1 1-	2ACSR	0	0	1199	169	0	0	0	0.00	2.35	0
OC-2116256631	CO-1761758658	3.76	0 1-	20 N FUSE	0	0	1199	169	0	0	0	0.00	2.35	0
CO22769	CO22746	3.82	1 1-	4ACSR	0	0	1169	168	3	0	0	0.00	2.35	0
OC-1917715669	CO22769	3.82	0 1-	20 N FUSE	0	0	1169	168	0	0	0	0.00	2.35	0
CO23680	CO22746	3.91	159 3-	4/0ACSR	1571	1454	1166	169	898	41	12	0.08	2.43	102
CO23156	CO23680	4.02	159 3-	4/0ACSR	1538	1424	1139	168	898	41	12	0.04	2.48	53
CO23682	CO23156	4.22	2 1-	4ACSR	0	0	1064	166	2	0	0	0.00	2.48	0
OC291128154	CO23682	4.22	2 1-	20 N FUSE	0	0	1064	166	2	0	1	0.00	2.48	0
CO23683	OC291128154	4.28	2 1-	4ACSR	0	0	1043	166	2	0	0	0.00	2.48	0
CO22785	OC291128154	4.49	0 1-	4ACSR	0	0	970	164	0	0	0	0.00	2.48	0
CO23179	CO23156	4.27	157 3-	4/0ACSR	1470	1360	1084	168	896	40	12	0.10	2.57	118
CO23180	CO23179	4.29	157 3-	4/0ACSR	1465	1356	1080	168	895	40	12	0.01	2.58	9
CO23185	CO23180	4.31	157 3-	4/0ACSR	1460	1351	1076	168	895	40	12	0.01	2.59	9
CO23184	CO23185	4.36	156 3-	4/0ACSR	1445	1338	1065	167	894	40	12	0.02	2.61	26
CO23181	CO23184	4.40	155 3-	4/0ACSR	1436	1330	1057	167	882	40	12	0.01	2.62	16
CO23183	CO23181	4.42	154 3-	4/0ACSR	1431	1324	1053	167	882	40	12	0.01	2.63	11
CO23182	CO23183	4.53	153 3-	4/0ACSR	1402	1298	1030	167	881	40	12	0.04	2.68	54
CO23235	CO23182	4.65	2 1-	4ACSR	0	0	994	166	12	1	1	0.01	2.69	0
OC-1716965119	CO23235	4.65	2 1-	20 N FUSE	0	0	994	166	12	1	9	0.00	2.69	0
CO23237	OC-1716965119	4.80	2 1-	4ACSR	0	0	945	164	12	1	1	0.01	2.69	0
CO23236	CO23237	4.87	1 1-	4ACSR	0	0	927	164	0	0	0	0.00	2.69	0
CO23186	CO23182	4.75	149 3-	4/0ACSR	1352	1252	991	166	865	39	12	0.08	2.76	93
CO23188	CO23186	4.78	147 3-	4/0ACSR	1344	1244	984	166	841	38	11	0.01	2.77	16
CO23187	CO23188	5.08	147 3-	4/0ACSR	1282	1186	935	165	841	38	11	0.11	2.88	125
CO23110	CO23187	5.17	107 3-	4/0ACSR	1263	1169	920	165	582	26	8	0.02	2.90	19
CO23138	CO23110	5.23	0 1-	4ACSR	0	0	906	165	0	0	0	0.00	2.90	0
CO23137	CO23110	5.22	2 1-	4ACSR	0	0	908	165	4	0	0	0.00	2.90	0
OC813307289	CO23137	5.22	0 1-	20 N FUSE	0	0	908	165	0	0	0	0.00	2.90	0
CO23203	CO23110	5.23	105 3-	4/0ACSR	1250	1158	911	165	577	26	8	0.02	2.92	13
CO23205	CO23203	5.30	104 3-	4/0ACSR	1237	1145	900	165	577	26	8	0.02	2.94	14
CO23204	CO23205	5.41	104 3-	4/0ACSR	1218	1128	886	164	577	26	8	0.03	2.96	20

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23202	CO23204	5.46	103 3-	4/0ACSR	1209	1119	879	164	568	26	8	0.01	2.97	10
CO23111	CO23202	5.62	101 3-	4/0ACSR	1181	1093	857	164	568	26	8	0.04	3.01	31
CO23206	CO23111	5.88	100 3-	4/0ACSR	1137	1052	823	163	568	26	8	0.07	3.08	52
CO23208	CO23206	6.01	100 3-	4/0ACSR	1116	1033	807	163	568	26	8	0.03	3.11	26
CO23207	CO23208	6.08	100 3-	4/0ACSR	1105	1024	799	163	567	26	8	0.02	3.13	13
CO23141	CO23207	6.16	1 1-	4ACSR	0	0	783	162	15	2	2	0.00	3.13	0
OC952034879	CO23141	6.16	0 1-	20 N FUSE	0	0	783	162	0	0	0	0.00	3.13	0
CO23112	CO23207	6.24	99 3-	4/0ACSR	1083	1002	781	162	552	25	7	0.04	3.17	28
CO788384884	CO23112	6.28	66 3-	1/0ACSR	1074	995	775	162	404	18	8	0.01	3.18	9
CO-1968675454	CO788384884	6.38	5 3-	1/0ACSR	1056	978	761	161	32	1	1	0.00	3.18	0
CO23266	CO-1968675454	6.50	3 1-	4ACSR	0	0	739	160	27	3	3	0.02	3.20	0
CO23267	CO23266	6.51	3 1-	4ACSR	0	0	738	160	27	3	3	0.00	3.20	0
CO23124	CO23267	6.55	3 1-	4ACSR	0	0	730	160	27	3	3	0.01	3.21	0
CO23176	CO23124	6.63	2 1-	4ACSR	0	0	718	159	13	1	1	0.01	3.22	0
CO23175	CO23176	6.72	2 1-	4ACSR	0	0	702	158	13	1	1	0.00	3.22	0
CO1028861211	CO23175	6.75	0 1-	4ACSR	0	0	698	158	0	0	0	0.00	3.22	0
CO23133	CO23124	6.64	1 1-	4ACSR	0	0	716	159	14	1	1	0.00	3.21	0
CO23114	CO-1968675454	6.42	2 1-	4ACSR	0	0	754	161	5	0	0	0.00	3.18	0
CO23268	CO23114	6.43	2 1-	4ACSR	0	0	753	161	5	0	0	0.00	3.18	0
OC703	CO23268	6.43	2 1-	50 H OCR	0	0	753	161	5	0	1	0.00	3.18	0
CO23269	OC703	6.61	2 1-	4ACSR	0	0	721	159	5	0	0	0.01	3.19	0
CO23221	CO23269	6.76	2 1-	4ACSR	0	0	696	158	5	0	0	0.00	3.19	0
CO23217	CO23221	6.91	1 1-	4ACSR	0	0	672	156	1	0	0	0.00	3.19	0
OC1944703631	CO23217	6.91	1 1-	20 N FUSE	0	0	672	156	1	0	1	0.00	3.19	0
CO23220	OC1944703631	6.97	1 1-	4ACSR	0	0	662	156	1	0	0	0.00	3.19	0
CO23218	CO23220	7.04	1 1-	4ACSR	0	0	652	155	1	0	0	0.00	3.19	0
CO23219	CO23218	7.14	1 1-	4ACSR	0	0	639	154	1	0	0	0.00	3.20	0
CO23664	CO23219	7.24	1 1-	4ACSR	0	0	624	153	1	0	0	0.00	3.20	0
CO-1197836154	CO788384884	6.40	61 3-	1/0ACSR	1052	975	759	161	373	17	7	0.04	3.22	21
CO1858028701	CO-1197836154	7.14	61 3-	1/0ACSR	936	870	673	158	373	17	7	0.21	3.43	124
CO23512	CO1858028701	7.20	2 1-	4ACSR	0	0	665	157	10	1	1	0.00	3.43	0
OC725022113	CO23512	7.20	0 1-	20 N FUSE	0	0	665	157	0	0	0	0.00	3.43	0
CO-1254008844	CO1858028701	7.59	59 3-	1/0ACSR	876	816	630	156	362	16	7	0.13	3.56	71
CO-1838363289	CO-1254008844	8.24	57 3-	1/0ACSR	801	748	575	153	352	16	7	0.18	3.74	99
CO1514433892	CO-1838363289	8.34	56 3-	1/0ACSR	790	738	567	152	343	15	7	0.03	3.77	15
CO-1417101679	CO1514433892	8.36	19 1-	4ACSR	0	0	566	152	103	14	10	0.01	3.78	0
CO23591	CO-1417101679	8.36	19 1-	4ACSR	0	0	565	152	103	14	10	0.00	3.78	0
OC713	CO23591	8.36	19 1-	25 H OCR	0	0	565	152	103	14	57	0.00	3.78	0
CO23593	OC713	8.37	19 1-	4ACSR	0	0	564	152	103	14	10	0.00	3.78	0
CO23594	CO23593	8.43	19 1-	4ACSR	0	0	557	152	103	14	10	0.04	3.82	7
CO23540	CO23594	8.47	18 1-	4ACSR	0	0	553	151	102	14	10	0.02	3.85	4
CO23541	CO23540	8.53	17 1-	4ACSR	0	0	548	151	94	13	9	0.03	3.88	5
CO23507	CO23541	8.78	16 1-	4ACSR	0	0	522	149	92	12	9	0.15	4.03	22
CO23565	CO23507	8.84	14 1-	4ACSR	0	0	517	148	83	11	8	0.03	4.05	4
CO-1627428483	CO23565	8.89	14 1-	2ACSR	0	0	513	148	83	11	6	0.02	4.07	3
CO490266635	CO-1627428483	9.19	13 1-	2ACSR	0	0	492	146	83	11	6	0.10	4.18	14
CO23584	CO490266635	9.36	0 1-	4ACSR	0	0	478	145	0	0	0	0.00	4.18	0
CO23585	CO23584	9.64	0 1-	4ACSR	0	0	456	142	0	0	0	0.00	4.18	0
CO23586	CO23585	9.81	0 1-	4ACSR	0	0	443	141	0	0	0	0.00	4.18	0
CO23576	CO490266635	9.23	13 1-	4ACSR	0	0	489	146	83	11	8	0.02	4.20	3
CO23577	CO23576	9.29	13 1-	4ACSR	0	0	483	145	83	11	8	0.03	4.23	4
CO23578	CO23577	9.37	13 1-	4ACSR	0	0	477	145	83	11	8	0.04	4.27	5

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23579	CO23578	9.41	13 1-	4ACSR	0	0	474	144	83	11	8	0.02	4.29	3
CO23580	CO23579	9.68	13 1-	4ACSR	0	0	453	142	83	11	8	0.14	4.43	19
OC1293305490	CO23580	9.68	13 1-	20 N FUSE	0	0	453	142	83	11	58	0.00	4.43	0
CO23587	OC1293305490	9.83	0 1-	4ACSR	0	0	442	141	0	0	0	0.00	4.43	0
CO23588	CO23587	10.08	0 1-	4ACSR	0	0	425	139	0	0	0	0.00	4.43	0
CO23581	OC1293305490	9.77	13 1-	4ACSR	0	0	446	141	83	11	8	0.04	4.48	6
CO23582	CO23581	9.79	12 1-	4ACSR	0	0	445	141	68	9	7	0.01	4.49	0
CO23550	CO23582	9.89	1 1-	4ACSR	0	0	438	141	4	0	0	0.00	4.49	0
CO23551	CO23550	10.05	1 1-	4ACSR	0	0	427	139	4	0	0	0.00	4.49	0
CO23583	CO23582	10.07	11 1-	4ACSR	0	0	426	139	64	8	6	0.10	4.59	10
CO23667	CO23583	10.16	9 1-	4ACSR	0	0	420	139	51	7	5	0.03	4.62	2
CO23407	CO23667	10.28	1 1-	4ACSR	0	0	412	138	12	1	1	0.01	4.63	0
CO23471	CO23407	10.51	1 1-	4ACSR	0	0	398	136	12	1	1	0.02	4.64	0
CO23472	CO23471	10.66	1 1-	4ACSR	0	0	390	135	12	1	1	0.01	4.66	0
CO23408	CO23472	10.87	1 1-	4ACSR	0	0	378	133	12	1	1	0.01	4.66	0
CO23405	CO23667	10.27	8 1-	4ACSR	0	0	413	138	39	5	4	0.03	4.64	0
CO23406	CO23405	10.37	8 1-	4ACSR	0	0	407	137	39	5	4	0.03	4.67	0
OC1238481980	CO23406	10.37	8 1-	20 N FUSE	0	0	407	137	39	5	27	0.00	4.67	0
CO23455	OC1238481980	10.41	8 1-	4ACSR	0	0	404	137	39	5	4	0.01	4.68	0
CO23456	CO23455	10.75	8 1-	4ACSR	0	0	385	134	39	5	4	0.08	4.76	5
CO23396	CO23456	10.86	3 1-	4ACSR	0	0	379	134	10	1	1	0.00	4.76	0
CO23473	CO23396	10.94	2 1-	4ACSR	0	0	374	133	3	0	0	0.00	4.76	0
CO23474	CO23473	11.02	2 1-	4ACSR	0	0	370	132	3	0	0	0.00	4.77	0
CO23417	CO23474	11.25	1 1-	4ACSR	0	0	359	131	0	0	0	0.00	4.77	0
CO23500	CO23474	11.03	0 1-	4ACSR	0	0	370	132	0	0	0	0.00	4.77	0
SW712-A	CO23500	11.03	0 1-	Open	0	0	370	132	0	0	0	0.00	4.77	0
CO23379	CO23456	10.96	0 1-	4ACSR	0	0	374	133	0	0	0	0.00	4.76	0
CO23499	CO23379	11.04	0 1-	4ACSR	0	0	369	132	0	0	0	0.00	4.76	0
CO23501	CO23499	11.05	0 1-	4ACSR	0	0	369	132	0	0	0	0.00	4.76	0
SW712-B	CO23501	11.05	0 1-	Open	0	0	369	132	0	0	0	0.00	4.76	0
CO23380	CO23379	11.05	0 1-	4ACSR	0	0	369	132	0	0	0	0.00	4.76	0
CO23436	CO23380	11.18	0 1-	4ACSR	0	0	362	131	0	0	0	0.00	4.76	0
CO23437	CO23436	11.27	0 1-	4ACSR	0	0	358	131	0	0	0	0.00	4.76	0
CO23409	CO23380	11.16	0 1-	4ACSR	0	0	363	131	0	0	0	0.00	4.76	0
CO23410	CO23409	11.30	0 1-	4ACSR	0	0	357	131	0	0	0	0.00	4.76	0
CO23491	CO23410	11.30	0 1-	4ACSR	0	0	356	131	0	0	0	0.00	4.76	0
CO23452	CO23456	10.90	5 1-	4ACSR	0	0	377	133	29	3	3	0.02	4.78	0
CO23453	CO23452	10.95	4 1-	4ACSR	0	0	374	133	18	2	2	0.01	4.79	0
CO23412	CO23453	11.04	3 1-	4ACSR	0	0	369	132	17	2	2	0.01	4.80	0
CO23413	CO23412	11.13	3 1-	4ACSR	0	0	365	132	17	2	2	0.01	4.81	0
CO23381	CO23413	11.22	1 1-	4ACSR	0	0	360	131	0	0	0	0.00	4.81	0
CO23382	CO23381	11.61	0 1-	4ACSR	0	0	342	129	0	0	0	0.00	4.81	0
CO23414	CO23381	11.41	0 1-	4ACSR	0	0	351	130	0	0	0	0.00	4.81	0
CO23415	CO23414	11.55	0 1-	4ACSR	0	0	345	129	0	0	0	0.00	4.81	0
CO23416	CO23415	11.91	0 1-	4ACSR	0	0	329	127	0	0	0	0.00	4.81	0
CO23454	CO23413	11.16	2 1-	4ACSR	0	0	363	131	17	2	2	0.00	4.81	0
CO23438	CO23454	11.19	1 1-	4ACSR	0	0	362	131	8	1	1	0.00	4.81	0
CO879884113	CO-1627428483	8.97	1 1-	2ACSR	0	0	507	147	0	0	0	0.00	4.07	0
CO23558	CO23507	8.86	2 1-	4ACSR	0	0	515	148	9	1	1	0.00	4.03	0
CO23559	CO23558	8.95	1 1-	4ACSR	0	0	507	147	6	0	1	0.00	4.03	0
CO23513	CO23541	8.62	1 1-	4ACSR	0	0	538	150	2	0	0	0.00	3.88	0
CO23548	CO23594	8.52	1 1-	4ACSR	0	0	549	151	1	0	0	0.00	3.82	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC954511739	CO23548	8.52	1 1-	20 N FUSE	0	0	549	151	1	0	1	0.00	3.82	0
CO23549	OC954511739	8.67	1 1-	4ACSR	0	0	533	150	1	0	0	0.00	3.82	0
CO136416879	CO1514433892	8.57	37 3-	1/0ACSR	767	717	551	151	239	11	5	0.04	3.81	16
CO23570	CO136416879	8.61	34 3-	1/0ACSR	764	715	548	151	236	10	5	0.01	3.81	2
OC-215177748	CO23570	8.61	34 3-	20 N FUSE	764	715	548	151	236	10	54	0.00	3.81	0
CO23569	OC-215177748	8.76	34 3-	1/0ACSR	749	701	537	151	236	10	5	0.03	3.84	11
CO23568	CO23569	8.85	33 3-	1/0ACSR	741	694	532	150	235	10	5	0.02	3.86	6
CO23567	CO23568	8.94	33 3-	1/0ACSR	733	687	526	150	235	10	5	0.02	3.88	6
CO23589	CO23567	9.01	32 3-	1/0ACSR	727	681	521	150	234	10	5	0.01	3.89	5
CO23519	CO23589	9.04	31 3-	1/0ACSR	724	678	519	149	222	10	4	0.01	3.89	0
CO23525	CO23519	9.11	4 1-	4ACSR	0	0	513	149	17	2	2	0.00	3.90	0
OC-705885037	CO23525	9.11	0 1-	20 N FUSE	0	0	513	149	0	0	0	0.00	3.90	0
CO23520	CO23519	9.10	27 3-	1/0ACSR	719	673	516	149	205	9	4	0.01	3.90	3
CO23521	CO23520	9.16	24 3-	1/0ACSR	714	669	512	149	194	8	4	0.01	3.91	3
CO23561	CO23521	9.17	24 3-	1/0ACSR	713	668	512	149	194	8	4	0.00	3.91	0
CO23562	CO23561	9.23	22 3-	1/0ACSR	708	664	508	149	189	8	4	0.01	3.92	2
CO23522	CO23562	9.27	19 3-	1/0ACSR	705	661	506	148	183	8	4	0.01	3.93	0
CO1705069226	CO23522	9.54	9 3-	1/0ACSR	683	641	490	147	155	7	3	0.03	3.96	8
CO82528484	CO1705069226	9.57	1 1-	4ACSR	0	0	488	147	3	0	0	0.00	3.96	0
OC1012334834	CO82528484	9.57	1 1-	20 N FUSE	0	0	488	147	3	0	2	0.00	3.96	0
CO23545	OC1012334834	9.76	1 1-	4ACSR	0	0	473	146	3	0	0	0.00	3.96	0
CO2062434146	CO1705069226	9.66	6 3-	1/0ACSR	674	632	483	147	131	6	3	0.01	3.97	3
CO-794426719	CO2062434146	9.87	6 3-	1/0ACSR	659	618	472	146	131	6	3	0.02	3.99	4
CO-1576730245	CO-794426719	9.90	0 1-	2ACSR	0	0	470	146	0	0	0	0.00	3.99	0
OC-1918069583	CO-1576730245	9.90	0 1-	20 N FUSE	0	0	470	146	0	0	0	0.00	3.99	0
CO-1273173802	CO-794426719	9.95	6 3-	1/0ACSR	653	613	468	146	131	6	3	0.01	4.00	0
CO2053793345	CO-1273173802	9.96	0 1-	4ACSR	0	0	467	145	0	0	0	0.00	4.00	0
CO-56310270	CO-1273173802	10.04	6 3-	1/0ACSR	646	607	464	145	131	6	3	0.01	4.01	0
CO493907033	CO-56310270	10.09	0 1-	2ACSR	0	0	461	145	0	0	0	0.00	4.01	0
OC-952858398	CO493907033	10.09	0 1-	20 N FUSE	0	0	461	145	0	0	0	0.00	4.01	0
CO-954626860	CO-56310270	10.59	6 3-	1/0ACSR	610	573	437	143	131	6	3	0.06	4.07	12
CO1604357197	CO-954626860	10.73	3 1-	4ACSR	0	0	429	142	9	1	1	0.01	4.08	0
OC-1435950744	CO1604357197	10.73	3 1-	20 N FUSE	0	0	429	142	9	1	6	0.00	4.08	0
CO23663	OC-1435950744	10.99	1 1-	4ACSR	0	0	413	140	3	0	0	0.00	4.08	0
CO23174	CO23663	11.36	1 1-	4ACSR	0	0	391	137	3	0	0	0.00	4.08	0
CO23173	CO23174	11.46	0 1-	4ACSR	0	0	385	136	0	0	0	0.00	4.08	0
CO23508	OC-1435950744	10.97	2 1-	4ACSR	0	0	414	140	7	0	1	0.00	4.08	0
CO999846545	CO-954626860	10.87	3 3-	1/0ACSR	593	558	425	142	121	5	2	0.03	4.10	5
CO-238976319	CO999846545	10.96	1 1-	2ACSR	0	0	421	141	6	0	0	0.00	4.10	0
OC-347434307	CO-238976319	10.96	1 1-	20 N FUSE	0	0	421	141	6	0	4	0.00	4.10	0
CO359802064	OC-347434307	11.01	1 1-	4ACSR	0	0	418	141	6	0	1	0.00	4.10	0
CO339789460	CO999846545	11.01	2 3-	1/0ACSR	585	550	419	141	115	5	2	0.01	4.11	2
CO-1130694736	CO339789460	11.05	1 3-	1/0ACSR	583	549	418	141	57	2	1	0.00	4.11	0
CO959918776	CO339789460	11.08	1 3-	1/0ACSR	581	547	417	141	58	2	1	0.00	4.11	0
CO311899967	CO959918776	11.50	1 3-	2ACSR	553	522	397	139	58	2	1	0.03	4.14	3
CO-1896965616	CO311899967	11.60	0 3-	2ACSR	546	515	393	138	0	0	0	0.00	4.14	0
CO-2042437091	CO311899967	11.54	1 3-	2ACSR	550	519	395	139	58	2	1	0.00	4.14	0
CO-1707138338	CO-1273173802	10.09	0 1-	4ACSR	0	0	458	144	0	0	0	0.00	4.00	0
OC-1296896098	CO-1707138338	10.09	0 1-	20 N FUSE	0	0	458	144	0	0	0	0.00	4.00	0
CO-638898416	CO2062434146	9.70	0 1-	4ACSR	0	0	480	146	0	0	0	0.00	3.97	0
OC-1288812715	CO-638898416	9.70	0 1-	20 N FUSE	0	0	480	146	0	0	0	0.00	3.97	0
CO1354701879	CO1705069226	9.61	2 1-	4ACSR	0	0	484	147	21	2	2	0.01	3.97	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC755756650	CO1354701879	9.61	1 1-	20 N FUSE	0	0	484	147	20	2	14	0.00	3.97	0
CO23517	OC755756650	9.69	1 1-	4ACSR	0	0	478	146	20	2	2	0.00	3.98	0
CO23523	CO23522	9.53	10 1-	4ACSR	0	0	483	146	27	3	3	0.05	3.97	0
OC518533399	CO23523	9.53	10 1-	20 N FUSE	0	0	483	146	27	3	19	0.00	3.97	0
CO30587	OC518533399	9.57	9 1-	4ACSR	0	0	480	146	18	2	2	0.00	3.98	0
CO30588	CO30587	9.65	9 1-	4ACSR	0	0	474	145	18	2	2	0.01	3.99	0
CO23542	CO30588	9.71	7 1-	4ACSR	0	0	469	145	17	2	2	0.01	3.99	0
CO23543	CO23542	9.90	7 1-	4ACSR	0	0	455	143	17	2	2	0.02	4.01	0
CO23544	CO23543	9.92	7 1-	4ACSR	0	0	453	143	17	2	2	0.00	4.02	0
CO23571	CO23544	10.00	3 1-	4ACSR	0	0	448	142	14	1	1	0.01	4.02	0
CO23572	CO23571	10.06	3 1-	4ACSR	0	0	443	142	14	1	1	0.01	4.03	0
CO23573	CO23572	10.11	3 1-	4ACSR	0	0	440	142	14	1	1	0.00	4.03	0
CO23560	CO23544	10.04	4 1-	4ACSR	0	0	445	142	3	0	0	0.00	4.02	0
CO23590	CO23560	10.06	2 1-	4ACSR	0	0	444	142	3	0	0	0.00	4.02	0
CO23557	CO23590	10.07	2 1-	4ACSR	0	0	443	142	3	0	0	0.00	4.02	0
CO23556	CO23557	10.11	1 1-	4ACSR	0	0	440	142	3	0	0	0.00	4.02	0
CO1609942273	OC518533399	9.55	1 1-	2ACSR	0	0	482	146	9	1	1	0.00	3.97	0
CO23515	CO136416879	8.64	3 1-	2ACSR	0	0	545	151	3	0	0	0.00	3.81	0
OC1725772198	CO23515	8.64	0 1-	20 N FUSE	0	0	545	151	0	0	0	0.00	3.81	0
CO-1778417675	CO-1838363289	8.27	1 1-	2ACSR	0	0	572	153	9	1	1	0.00	3.74	0
CO23516	CO-1778417675	8.32	1 1-	2ACSR	0	0	567	152	9	1	1	0.00	3.74	0
CO775006910	CO-1254008844	7.61	2 1-	2ACSR	0	0	627	156	10	1	1	0.00	3.56	0
OC-571270101	CO775006910	7.61	2 1-	20 N FUSE	0	0	627	156	10	1	7	0.00	3.56	0
CO23518	OC-571270101	7.68	0 1-	4ACSR	0	0	617	155	0	0	0	0.00	3.56	0
CO23553	OC-571270101	7.66	2 1-	4ACSR	0	0	620	155	10	1	1	0.00	3.56	0
CO23554	CO23553	7.70	2 1-	4ACSR	0	0	616	155	10	1	1	0.00	3.56	0
CO23555	CO23554	7.80	1 1-	4ACSR	0	0	603	154	8	1	1	0.00	3.57	0
CO23142	CO23112	6.35	3 1-	4ACSR	0	0	759	161	11	1	1	0.00	3.17	0
OC1564652867	CO23142	6.35	0 1-	20 N FUSE	0	0	759	161	0	0	0	0.00	3.17	0
CO23222	CO23112	6.33	29 1-	2ACSR	0	0	767	161	127	17	10	0.05	3.22	10
CO23224	CO23222	6.41	29 1-	2ACSR	0	0	754	161	127	17	10	0.04	3.26	8
CO23223	CO23224	6.44	28 1-	2ACSR	0	0	749	161	124	17	9	0.02	3.28	4
CO23262	CO23223	6.45	28 1-	2ACSR	0	0	748	161	124	17	9	0.00	3.28	0
OC704	CO23262	6.45	28 1-	35 H OCR	0	0	748	161	124	17	49	0.00	3.28	0
CO23263	OC704	6.54	28 1-	2ACSR	0	0	734	160	124	17	9	0.05	3.33	9
CO23225	CO23263	6.57	28 1-	2ACSR	0	0	730	160	124	17	9	0.02	3.35	3
CO23226	CO23225	6.67	27 1-	2ACSR	0	0	716	159	122	16	9	0.05	3.39	9
CO23117	CO23226	6.75	23 1-	4ACSR	0	0	703	158	98	13	10	0.05	3.44	8
CO23250	CO23117	6.84	1 1-	4ACSR	0	0	688	158	4	0	0	0.00	3.44	0
CO23252	CO23250	6.88	0 1-	4ACSR	0	0	682	157	0	0	0	0.00	3.44	0
CO23251	CO23252	6.92	0 1-	4ACSR	0	0	676	157	0	0	0	0.00	3.44	0
CO23151	CO23251	7.10	0 1-	2ACSR	0	0	653	156	0	0	0	0.00	3.44	0
CO23118	CO23117	6.85	20 1-	4ACSR	0	0	686	157	90	12	9	0.06	3.50	8
CO23144	CO23118	6.95	1 1-	4ACSR	0	0	671	157	5	0	0	0.00	3.50	0
CO23119	CO23118	7.04	18 1-	4ACSR	0	0	658	156	76	10	8	0.09	3.59	11
CO23254	CO23119	7.12	3 1-	4ACSR	0	0	645	155	18	2	2	0.01	3.60	0
CO23155	CO23254	7.16	1 1-	2ACSR	0	0	640	155	8	1	1	0.00	3.60	0
CO23253	CO23254	7.16	2 1-	4ACSR	0	0	640	155	10	1	1	0.00	3.60	0
CO23120	CO23119	7.24	13 1-	4ACSR	0	0	629	154	55	7	5	0.07	3.66	6
CO23122	CO23120	7.34	10 1-	4ACSR	0	0	616	153	52	7	5	0.03	3.69	3
OC916133036	CO23122	7.34	10 1-	20 N FUSE	0	0	616	153	52	7	36	0.00	3.69	0
CO23147	OC916133036	7.38	1 1-	4ACSR	0	0	611	153	6	0	1	0.00	3.69	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23215	OC916133036	7.36	9 1-	4ACSR	0	0	613	153	47	6	5	0.01	3.69	0
CO23214	CO23215	7.37	7 1-	4ACSR	0	0	611	153	35	4	3	0.00	3.70	0
CO23148	CO23214	7.49	1 1-	4ACSR	0	0	596	152	0	0	0	0.00	3.70	0
CO23123	CO23214	7.51	6 1-	4ACSR	0	0	594	152	35	4	3	0.02	3.72	0
CO23260	CO23123	7.54	0 1-	4ACSR	0	0	589	151	0	0	0	0.00	3.72	0
CO23259	CO23260	7.73	0 1-	4ACSR	0	0	567	150	0	0	0	0.00	3.72	0
CO23216	CO23123	7.75	5 1-	4ACSR	0	0	565	149	25	3	2	0.04	3.76	0
CO23666	CO23216	7.79	5 1-	4ACSR	0	0	560	149	25	3	2	0.00	3.76	0
CO23535	CO23666	8.07	3 1-	4ACSR	0	0	531	147	15	2	1	0.01	3.78	0
CO23536	CO23535	8.22	1 1-	4ACSR	0	0	516	146	2	0	0	0.00	3.78	0
CO23537	CO23536	8.37	0 1-	4ACSR	0	0	501	144	0	0	0	0.00	3.78	0
CO23153	CO23215	7.58	1 1-	2ACSR	0	0	591	151	10	1	1	0.00	3.70	0
CO23121	CO23120	7.32	3 1-	4ACSR	0	0	618	153	3	0	0	0.00	3.66	0
CO23211	CO23121	7.39	2 1-	4ACSR	0	0	608	153	3	0	0	0.00	3.66	0
CO23213	CO23211	7.44	1 1-	4ACSR	0	0	602	152	0	0	0	0.00	3.66	0
CO23212	CO23213	7.63	1 1-	4ACSR	0	0	579	150	0	0	0	0.00	3.66	0
CO23256	CO23212	7.69	0 1-	4ACSR	0	0	572	150	0	0	0	0.00	3.66	0
CO23255	CO23256	7.75	0 1-	4ACSR	0	0	565	149	0	0	0	0.00	3.66	0
CO23258	CO23212	7.67	1 1-	4ACSR	0	0	575	150	0	0	0	0.00	3.66	0
CO23257	CO23258	7.69	1 1-	4ACSR	0	0	572	150	0	0	0	0.00	3.66	0
CO23146	CO23121	7.42	1 1-	4ACSR	0	0	605	152	0	0	0	0.00	3.66	0
CO23145	CO23119	7.11	2 1-	4ACSR	0	0	647	155	4	0	0	0.00	3.59	0
CO23143	CO23117	6.80	2 1-	4ACSR	0	0	694	158	5	0	0	0.00	3.44	0
CO23209	CO23226	6.71	4 1-	4ACSR	0	0	709	159	24	3	2	0.01	3.40	0
OC831640407	CO23209	6.71	4 1-	20 N FUSE	0	0	709	159	24	3	16	0.00	3.40	0
CO23210	OC831640407	6.81	4 1-	4ACSR	0	0	693	158	24	3	2	0.01	3.41	0
CO23247	CO23210	6.84	2 1-	4ACSR	0	0	688	158	9	1	1	0.00	3.41	0
CO23249	CO23247	6.89	1 1-	4ACSR	0	0	679	157	0	0	0	0.00	3.41	0
CO23248	CO23249	6.91	0 1-	4ACSR	0	0	676	157	0	0	0	0.00	3.41	0
CO23139	CO23111	5.75	1 1-	4ACSR	0	0	826	163	0	0	0	0.00	3.01	0
OC1193325299	CO23139	5.75	0 1-	20 N FUSE	0	0	826	163	0	0	0	0.00	3.01	0
CO23140	CO23202	5.53	1 1-	4ACSR	0	0	860	164	0	0	0	0.00	2.97	0
OC20962884	CO23140	5.53	0 1-	20 N FUSE	0	0	860	164	0	0	0	0.00	2.97	0
CO23246	CO23202	5.53	1 1-	4ACSR	0	0	861	164	0	0	0	0.00	2.97	0
OC-1115560889	CO23246	5.53	0 1-	20 N FUSE	0	0	861	164	0	0	0	0.00	2.97	0
CO23245	OC-1115560889	5.83	0 1-	4ACSR	0	0	792	161	0	0	0	0.00	2.97	0
CO23109	CO23187	5.24	40 1-	4ACSR	0	0	892	164	259	35	25	0.26	3.14	110
CO23240	CO23109	5.25	7 1-	4ACSR	0	0	888	164	44	6	4	0.00	3.14	0
CO23242	CO23240	5.27	6 1-	4ACSR	0	0	884	163	44	6	4	0.00	3.15	0
CO23135	CO23242	5.33	1 1-	4ACSR	0	0	869	163	2	0	0	0.00	3.15	0
CO23241	CO23242	5.37	2 1-	4ACSR	0	0	858	162	7	0	1	0.00	3.15	0
CO23244	CO23242	5.36	3 1-	4ACSR	0	0	861	163	35	4	3	0.01	3.16	0
CO23243	CO23244	5.40	1 1-	4ACSR	0	0	852	162	9	1	1	0.00	3.16	0
CO23264	CO23109	5.25	33 1-	4ACSR	0	0	890	164	215	29	21	0.01	3.15	3
OC705	CO23264	5.25	33 1-	70 L OCR	0	0	890	164	215	29	42	0.00	3.15	0
CO23265	OC705	5.30	33 1-	4ACSR	0	0	876	163	215	29	21	0.07	3.22	26
CO23195	CO23265	5.32	33 1-	4ACSR	0	0	871	163	215	29	21	0.03	3.25	9
CO23193	CO23195	5.41	32 1-	4ACSR	0	0	849	162	205	28	20	0.11	3.36	37
CO23189	CO23193	5.51	31 1-	4ACSR	0	0	826	161	201	27	20	0.12	3.48	39
CO23191	CO23189	5.58	30 1-	4ACSR	0	0	809	160	198	27	20	0.10	3.57	31
CO23192	CO23191	5.68	30 1-	4ACSR	0	0	789	160	198	27	20	0.11	3.68	36
CO23190	CO23192	5.80	29 1-	4ACSR	0	0	762	158	195	26	19	0.15	3.83	47

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO23194	CO23190	5.83	27 1-	4ACSR	0	0	758	158	182	25	18	0.03	3.86	8
CO23198	CO23194	6.01	26 1-	4ACSR	0	0	722	156	179	24	18	0.20	4.06	58
CO23199	CO23198	6.06	25 1-	4ACSR	0	0	714	156	168	23	17	0.04	4.10	12
CO23197	CO23199	6.16	24 1-	4ACSR	0	0	696	155	159	22	16	0.10	4.20	26
CO23154	CO23197	6.19	0 1-	2ACSR	0	0	692	155	0	0	0	0.00	4.20	0
CO23196	CO23197	6.22	22 1-	4ACSR	0	0	685	154	156	21	15	0.06	4.27	16
OC-1718054376	CO23196	6.22	21 1-	20 N FUSE	0	0	685	154	151	21	105	0.00	4.27	0
CO23200	OC-1718054376	6.31	21 1-	4ACSR	0	0	670	154	151	21	15	0.09	4.35	21
CO23239	CO23200	6.37	0 1-	4ACSR	0	0	661	153	0	0	0	0.00	4.35	0
CO23238	CO23239	6.45	0 1-	4ACSR	0	0	649	152	0	0	0	0.00	4.35	0
CO23201	CO23200	6.38	20 1-	4ACSR	0	0	659	153	151	21	15	0.06	4.41	15
CO23694	CO23201	6.57	19 1-	4ACSR	0	0	631	151	145	20	14	0.16	4.58	38
CO22967	CO23694	6.61	18 1-	4ACSR	0	0	625	151	131	18	13	0.03	4.61	6
CO22985	CO22967	6.72	15 1-	4ACSR	0	0	609	150	104	14	10	0.07	4.68	12
CO22986	CO22985	6.91	14 1-	4ACSR	0	0	585	149	94	13	9	0.11	4.78	16
CO22921	CO22986	6.98	1 1-	4ACSR	0	0	575	148	11	1	1	0.00	4.79	0
CO22983	CO22986	7.03	12 1-	4ACSR	0	0	570	148	80	11	8	0.06	4.84	8
CO22984	CO22983	7.15	11 1-	4ACSR	0	0	556	147	80	11	8	0.06	4.90	7
OC1103327543	CO22984	7.15	9 1-	20 N FUSE	0	0	556	147	63	8	44	0.00	4.90	0
CO22982	OC1103327543	7.19	9 1-	4ACSR	0	0	551	146	63	8	6	0.02	4.92	0
CO23684	CO22982	7.29	1 1-	4ACSR	0	0	540	145	10	1	1	0.00	4.92	0
CO22891	CO22982	7.28	8 1-	4ACSR	0	0	541	145	53	7	5	0.03	4.95	3
CO23685	CO22891	7.39	1 1-	4ACSR	0	0	529	145	3	0	0	0.00	4.95	0
CO22978	CO22891	7.33	6 1-	4ACSR	0	0	535	145	39	5	4	0.01	4.96	0
CO22979	CO22978	7.44	4 1-	4ACSR	0	0	524	144	29	4	3	0.02	4.98	0
CO23013	CO22979	7.55	4 1-	4ACSR	0	0	513	143	29	4	3	0.02	5.00	0
CO23014	CO23013	7.59	4 1-	4ACSR	0	0	509	143	29	4	3	0.01	5.00	0
CO22981	CO23014	7.63	3 1-	4ACSR	0	0	505	143	18	2	2	0.00	5.01	0
CO22980	CO22981	7.66	1 1-	4ACSR	0	0	502	142	7	0	1	0.00	5.01	0
CO22922	CO22980	7.82	1 1-	4ACSR	0	0	487	141	7	0	1	0.00	5.01	0
CO22929	CO22891	7.32	1 1-	4ACSR	0	0	537	145	11	1	1	0.00	4.95	0
CO22968	CO22967	6.66	2 1-	4ACSR	0	0	617	151	17	2	2	0.01	4.61	0
CO22987	CO22968	6.70	2 1-	4ACSR	0	0	612	150	17	2	2	0.00	4.62	0
CO22988	CO22987	6.78	1 1-	4ACSR	0	0	602	150	0	0	0	0.00	4.62	0
CO22969	CO22988	6.85	1 1-	4ACSR	0	0	592	149	0	0	0	0.00	4.62	0
CO22725	CO22969	7.02	1 1-	4ACSR	0	0	571	148	0	0	0	0.00	4.62	0
CO22726	CO22725	7.09	1 1-	4ACSR	0	0	562	147	0	0	0	0.00	4.62	0
CO23136	CO23194	6.02	1 1-	4ACSR	0	0	721	156	3	0	0	0.00	3.86	0
CO23681	CO23680	4.01	0 1-	4ACSR	0	0	1126	168	0	0	0	0.00	2.43	0
OC-157421614	CO23681	4.01	0 1-	20 N FUSE	0	0	1126	168	0	0	0	0.00	2.43	0
CO22766	CO22744	3.18	0 1-	4ACSR	0	0	1363	170	0	0	0	0.00	2.09	0
CO22765	CO22743	2.10	0 1-	4ACSR	0	0	1846	173	0	0	0	0.00	1.44	0
OC-1594467839	CO22765	2.10	0 1-	20 N FUSE	0	0	1846	173	0	0	0	0.00	1.44	0
CO22803	CO22809	1.99	9 3-	4/0ACSR	2496	2314	1961	174	40	1	1	0.00	1.40	0
CO22802	CO22803	2.14	8 3-	4/0ACSR	2390	2215	1866	174	38	1	1	0.00	1.40	0
CO22879	CO22802	2.15	8 1-	4ACSR	0	0	1859	174	38	5	4	0.00	1.41	0
OC696	CO22879	2.15	8 1-	50 L OCR	0	0	1859	174	38	5	0	0.00	1.41	0
CO22880	OC696	2.49	8 1-	4ACSR	0	0	1539	170	38	5	4	0.08	1.49	5
CO22742	CO22880	2.71	3 1-	4ACSR	0	0	1380	168	7	0	1	0.01	1.50	0
CO22763	CO22742	2.77	1 1-	4ACSR	0	0	1340	167	6	0	1	0.00	1.50	0
CO22808	CO22742	3.02	1 1-	4ACSR	0	0	1196	165	0	0	0	0.00	1.50	0
OC866718443	CO22808	3.02	1 1-	20 N FUSE	0	0	1196	165	0	0	0	0.00	1.50	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22807	OC866718443	3.12	1 1-	4ACSR	0	0	1150	164	0	0	0	0.00	1.50	0
CO30521	CO22807	3.26	0 1-	4ACSR	0	0	1085	162	0	0	0	0.00	1.50	0
CO28730	CO30521	3.36	0 1-	4ACSR	0	0	1041	161	0	0	0	0.00	1.50	0
CO28689	CO30521	3.35	0 1-	4ACSR	0	0	1045	161	0	0	0	0.00	1.50	0
CO28690	CO28689	3.45	0 1-	4ACSR	0	0	1008	161	0	0	0	0.00	1.50	0
CO28809	CO28690	3.71	0 1-	4ACSR	0	0	916	158	0	0	0	0.00	1.50	0
CO28810	CO28809	3.84	0 1-	4ACSR	0	0	875	157	0	0	0	0.00	1.50	0
CO30467	CO28810	3.92	0 1-	4ACSR	0	0	854	156	0	0	0	0.00	1.50	0
CO29153	CO30467	3.98	0 1-	4ACSR	0	0	838	156	0	0	0	0.00	1.50	0
CO29154	CO29153	4.03	0 1-	4ACSR	0	0	823	155	0	0	0	0.00	1.50	0
CO28732	CO28690	3.57	0 1-	4ACSR	0	0	964	159	0	0	0	0.00	1.50	0
CO28731	CO28689	3.38	0 1-	4ACSR	0	0	1032	161	0	0	0	0.00	1.50	0
CO22764	CO22807	3.24	0 1-	4ACSR	0	0	1090	162	0	0	0	0.00	1.50	0
CO22747	CO22880	2.52	4 1-	4ACSR	0	0	1521	170	31	4	3	0.00	1.49	0
CO22741	CO22747	2.77	3 1-	4ACSR	0	0	1341	167	27	3	3	0.04	1.53	0
CO22805	CO22741	2.96	2 1-	4ACSR	0	0	1229	165	19	2	2	0.02	1.55	0
CO22806	CO22805	3.12	2 1-	4ACSR	0	0	1147	164	19	2	2	0.01	1.57	0
CO22804	CO22806	3.25	1 1-	4ACSR	0	0	1086	162	10	1	1	0.00	1.57	0
CO22762	CO22741	2.85	1 1-	4ACSR	0	0	1294	166	8	1	1	0.00	1.53	0
CO22770	CO22747	2.64	1 1-	4ACSR	0	0	1432	169	4	0	0	0.00	1.49	0
CO22856	CO22880	2.59	1 1-	4ACSR	0	0	1467	169	1	0	0	0.00	1.49	0
CO22858	CO22856	2.61	1 1-	4ACSR	0	0	1448	169	1	0	0	0.00	1.49	0
CO22761	CO22792	1.49	2 1-	4ACSR	0	0	2370	175	19	2	2	0.00	1.07	0
OC1211168047	CO22761	1.49	0 1-	20 N FUSE	0	0	2370	175	0	0	0	0.00	1.07	0
CO22488	CO22486	0.02	974 3-	750 MCM - 42 wi	6012	6223	6265	180	5258	234	20	0.01	0.02	28
Tollesboro	CO22488	0.02	974 3-	560 200WVE	6012	6223	6265	180	5258	234	42	0.00	0.02	0
CO22364	Tollesboro	0.06	974 3-	4/0ACSR	5864	5996	6026	180	5258	234	69	0.08	0.10	598
CO22365	CO22364	0.20	974 3-	4/0ACSR	5350	5311	5245	179	5255	234	69	0.31	0.41	2300
CO22366	CO22365	0.24	974 3-	4/0ACSR	5232	5176	5075	179	5244	234	69	0.08	0.49	587
CO22367	CO22366	0.31	974 3-	4/0ACSR	5024	4942	4786	179	5241	234	69	0.15	0.64	1089
CO2054737601	CO22367	0.36	0 1-	2ACSR	0	0	4546	179	0	0	0	0.00	0.64	0
OC-1861156253	CO2054737601	0.36	0 1-	20 N FUSE	0	0	4546	179	0	0	0	0.00	0.64	0
CO22046	CO22367	0.36	2 1-	4ACSR	0	0	4516	178	16	2	2	0.00	0.64	0
OC-1372900105	CO22046	0.36	0 1-	20 N FUSE	0	0	4516	178	0	0	0	0.00	0.64	0
CO22148	CO22367	0.66	942 3-	1/0CU	4178	4015	3697	178	5124	229	74	0.87	1.51	6628
CO22386	CO22148	0.75	940 3-	1/0CU	4007	3833	3497	177	5087	228	74	0.21	1.73	1631
CO22387	CO22386	0.95	940 3-	1/0CU	3645	3452	3092	177	5080	228	74	0.51	2.24	3918
CO22161	CO22387	1.10	914 3-	1/0CU	3428	3227	2860	176	4985	225	73	0.35	2.59	2636
CO22162	CO22161	1.12	913 3-	1/0CU	3392	3190	2823	176	4964	225	73	0.06	2.65	468
CO22506	CO22162	1.13	119 3-	1/0ACSR	3380	3178	2811	176	723	32	14	0.00	2.65	4
OC671	CO22506	1.13	119 3-	70 L OCR	3380	3178	2811	176	723	32	47	0.00	2.65	0
CO22507	OC671	1.18	119 3-	1/0ACSR	3306	3101	2736	176	723	32	14	0.02	2.68	28
CO22438	CO22507	1.25	119 3-	1/0ACSR	3185	2977	2615	176	723	32	14	0.04	2.72	47
CO22439	CO22438	1.28	119 3-	1/0ACSR	3138	2929	2569	175	723	32	14	0.02	2.74	19
CO22189	CO22439	1.32	117 3-	1/0ACSR	3078	2868	2511	175	716	32	14	0.02	2.76	25
CO21977	CO22189	1.41	2 1-	4ACSR	0	0	2352	174	10	1	1	0.00	2.76	0
OC654316087	CO21977	1.41	0 1-	20 N FUSE	0	0	2352	174	0	0	0	0.00	2.76	0
CO21976	CO22189	1.37	1 1-	4ACSR	0	0	2421	175	6	0	1	0.00	2.76	0
OC395791601	CO21976	1.37	0 1-	20 N FUSE	0	0	2421	175	0	0	0	0.00	2.76	0
CO22075	CO22189	1.36	114 3-	1/0ACSR	3031	2825	2466	175	699	31	14	0.02	2.78	19
CO22074	CO22075	1.42	112 3-	1/0ACSR	2946	2746	2385	175	693	31	14	0.03	2.81	35

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO30544	CO22074	1.46	1 1-	4ACSR	0	0	2318	174	3	0	0	0.00	2.81	0
OC778245801	CO30544	1.46	0 1-	20 N FUSE	0	0	2318	174	0	0	0	0.00	2.81	0
CO21978	CO22074	1.48	1 1-	4ACSR	0	0	2270	174	3	0	0	0.00	2.81	0
OC753541253	CO21978	1.48	0 1-	20 N FUSE	0	0	2270	174	0	0	0	0.00	2.81	0
CO22137	CO22074	1.46	110 3-	1/0ACSR	2893	2697	2335	175	686	31	14	0.02	2.83	22
CO-1919219193	CO22137	1.49	2 1-	2ACSR	0	0	2283	174	15	2	1	0.00	2.83	0
OC2090238449	CO-1919219193	1.49	0 1-	20 N FUSE	0	0	2283	174	0	0	0	0.00	2.83	0
CO22136	CO22137	1.49	107 3-	1/0ACSR	2846	2654	2290	174	663	30	13	0.02	2.85	19
CO22060	CO22136	1.61	107 3-	1/0ACSR	2703	2522	2158	174	662	30	13	0.06	2.91	62
CO21938	CO22060	1.68	11 1-	4ACSR	0	0	2065	173	78	10	8	0.03	2.94	3
OC1426360877	CO21938	1.68	9 1-	20 N FUSE	0	0	2065	173	56	7	39	0.00	2.94	0
CO22174	OC1426360877	1.78	9 1-	4ACSR	0	0	1932	172	56	7	6	0.03	2.97	3
CO22175	CO22174	1.83	8 1-	4ACSR	0	0	1872	172	48	6	5	0.01	2.98	0
CO22176	CO22175	1.86	7 1-	4ACSR	0	0	1828	171	30	4	3	0.00	2.98	0
CO22177	CO22176	1.93	4 1-	4ACSR	0	0	1757	170	9	1	1	0.00	2.99	0
CO21951	CO22177	2.08	2 1-	4ACSR	0	0	1605	169	4	0	0	0.00	2.99	0
CO22000	CO21951	2.15	2 1-	4ACSR	0	0	1538	168	4	0	0	0.00	2.99	0
CO21954	CO21951	2.14	0 1-	4ACSR	0	0	1550	168	0	0	0	0.00	2.99	0
CO22508	CO21954	2.15	0 1-	4ACSR	0	0	1544	168	0	0	0	0.00	2.99	0
CO22531	CO22177	1.93	0 1-	4ACSR	0	0	1750	170	0	0	0	0.00	2.99	0
CO22525	CO22060	1.62	0 1-	4ACSR	0	0	2148	174	0	0	0	0.00	2.91	0
SW675-A	CO22525	1.62	0 1-	Open	0	0	2148	174	0	0	0	0.00	2.91	0
CO22172	CO22060	1.64	96 3-	1/0ACSR	2668	2490	2126	174	584	26	12	0.01	2.92	13
CO22173	CO22172	1.67	96 3-	1/0ACSR	2642	2465	2102	174	584	26	12	0.01	2.93	9
CO21979	CO22173	1.73	1 1-	4ACSR	0	0	2013	173	6	0	1	0.00	2.93	0
OC-1830501465	CO21979	1.73	0 1-	20 N FUSE	0	0	2013	173	0	0	0	0.00	2.93	0
CO22303	CO22173	1.76	92 3-	1/0ACSR	2546	2377	2015	173	552	25	11	0.04	2.97	33
CO22472	CO22303	1.78	92 3-	1/0ACSR	2519	2352	1991	173	552	25	11	0.01	2.98	9
CO22471	CO22472	1.81	92 3-	1/0ACSR	2488	2324	1964	173	552	25	11	0.01	3.00	11
CO30561	CO22471	1.88	92 3-	1/0ACSR	2420	2261	1903	172	552	25	11	0.03	3.03	25
CO22422	CO30561	1.92	87 3-	1/0ACSR	2389	2233	1876	172	515	23	10	0.01	3.04	10
CO22421	CO22422	1.99	87 3-	1/0ACSR	2325	2174	1820	172	515	23	10	0.03	3.07	22
CO-1985888271	CO22421	2.03	85 3-	2ACSR	2285	2138	1785	172	487	22	12	0.02	3.09	18
CO1017070327	CO-1985888271	2.11	1 1-	2ACSR	0	0	1717	171	13	1	1	0.00	3.09	0
OC-635809710	CO1017070327	2.11	0 1-	20 N FUSE	0	0	1717	171	0	0	0	0.00	3.09	0
CO1734333221	CO-1985888271	2.08	84 3-	2ACSR	2237	2095	1745	171	474	21	12	0.03	3.11	20
CO22539	CO1734333221	2.15	84 3-	1/0ACSR	2176	2039	1693	171	473	21	9	0.03	3.14	21
CO22468	CO22539	2.18	84 3-	1/0ACSR	2152	2017	1672	171	473	21	9	0.01	3.15	9
CO22470	CO22468	2.22	83 3-	1/0ACSR	2123	1990	1647	171	473	21	9	0.01	3.17	10
CO22469	CO22470	2.29	83 3-	1/0ACSR	2078	1948	1609	170	473	21	9	0.02	3.19	17
CO21998	CO22469	2.36	1 1-	4ACSR	0	0	1549	170	1	0	0	0.00	3.19	0
OC98185114	CO21998	2.36	0 1-	20 N FUSE	0	0	1549	170	0	0	0	0.00	3.19	0
CO22182	CO22469	2.38	51 1-	4ACSR	0	0	1529	169	325	44	32	0.19	3.38	98
OC-648432149	CO22182	2.38	49 1-	20 N FUSE	0	0	1529	169	312	42	215	0.00	3.38	0
CO22183	OC-648432149	2.49	49 1-	4ACSR	0	0	1448	168	312	42	31	0.20	3.58	103
CO21939	CO22183	2.53	47 1-	4ACSR	0	0	1417	168	299	41	29	0.08	3.66	39
CO21982	CO21939	2.61	1 1-	4ACSR	0	0	1365	167	11	1	1	0.00	3.66	0
CO21981	CO21939	2.55	1 1-	4ACSR	0	0	1399	168	11	1	1	0.00	3.66	0
CO22178	CO21939	2.65	45 1-	4ACSR	0	0	1338	167	276	38	27	0.20	3.85	90
CO22179	CO22178	2.75	44 1-	4ACSR	0	0	1272	166	274	37	27	0.18	4.03	79
CO30526	CO22179	2.84	39 1-	4ACSR	0	0	1221	165	219	30	22	0.12	4.15	44
CO28307	CO30526	3.09	15 1-	4ACSR	0	0	1098	162	109	15	11	0.16	4.32	29

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28493	CO28307	3.11	13 1-	4ACSR	0	0	1091	162	98	13	10	0.01	4.32	0
CO28494	CO28493	3.24	13 1-	4ACSR	0	0	1035	161	97	13	10	0.08	4.40	13
CO30527	CO28494	3.29	1 1-	4ACSR	0	0	1014	160	10	1	1	0.00	4.41	0
CO28306	CO28494	3.46	10 1-	4ACSR	0	0	952	159	66	9	7	0.09	4.50	10
CO28347	CO28306	3.54	3 1-	4ACSR	0	0	926	158	20	2	2	0.01	4.50	0
CO-1995072274	CO28347	3.62	2 1-	2ACSR	0	0	906	158	9	1	1	0.00	4.51	0
CO28497	CO28306	3.49	7 1-	4ACSR	0	0	942	158	46	6	5	0.01	4.50	0
CO28498	CO28497	3.57	4 1-	4ACSR	0	0	915	158	26	3	3	0.01	4.51	0
CO22103	CO28498	3.62	3 1-	4ACSR	0	0	900	157	18	2	2	0.00	4.52	0
CO22185	CO22103	3.64	2 1-	4ACSR	0	0	894	157	14	1	1	0.00	4.52	0
CO22186	CO22185	3.68	1 1-	4ACSR	0	0	883	157	5	0	1	0.00	4.52	0
CO22184	CO22186	3.79	0 1-	4ACSR	0	0	852	156	0	0	0	0.00	4.52	0
CO28495	CO28494	3.31	2 1-	4ACSR	0	0	1006	160	21	2	2	0.01	4.41	0
CO28496	CO28495	3.40	1 1-	4ACSR	0	0	973	159	11	1	1	0.01	4.42	0
CO-1483629372	CO28496	3.46	1 1-	2ACSR	0	0	957	159	11	1	1	0.00	4.42	0
CO28489	CO28307	3.17	1 1-	4ACSR	0	0	1062	161	8	1	1	0.00	4.32	0
CO28490	CO28489	3.24	1 1-	4ACSR	0	0	1036	161	8	1	1	0.00	4.32	0
CO28491	CO28490	3.30	1 1-	4ACSR	0	0	1011	160	8	1	1	0.00	4.33	0
CO28492	CO28491	3.37	0 1-	4ACSR	0	0	987	160	0	0	0	0.00	4.33	0
CO28323	CO30526	2.88	3 1-	4ACSR	0	0	1203	164	21	2	2	0.00	4.16	0
CO28488	CO28323	2.91	3 1-	4ACSR	0	0	1187	164	21	2	2	0.00	4.16	0
CO28345	CO28488	2.95	1 1-	4ACSR	0	0	1165	164	10	1	1	0.00	4.16	0
CO28487	CO28488	2.95	2 1-	4ACSR	0	0	1165	164	11	1	1	0.00	4.16	0
CO28586	CO28487	2.98	2 1-	4ACSR	0	0	1148	163	11	1	1	0.00	4.16	0
CO28585	CO28586	2.99	0 1-	4ACSR	0	0	1145	163	0	0	0	0.00	4.16	0
CO28499	CO30526	2.88	19 1-	4ACSR	0	0	1199	164	87	11	9	0.02	4.17	3
CO28500	CO28499	3.03	17 1-	4ACSR	0	0	1128	163	78	10	8	0.07	4.24	8
CO138969700	CO28500	3.16	1 1-	2ACSR	0	0	1080	162	1	0	0	0.00	4.24	0
CO28501	CO28500	3.11	15 1-	4ACSR	0	0	1090	162	71	9	7	0.04	4.27	4
CO28502	CO28501	3.16	12 1-	4ACSR	0	0	1070	162	53	7	5	0.01	4.29	0
CO30525	CO28502	3.21	7 1-	4ACSR	0	0	1046	161	37	5	4	0.01	4.30	0
CO22312	CO30525	3.25	5 1-	4ACSR	0	0	1033	161	23	3	2	0.00	4.30	0
CO22350	CO22312	3.31	3 1-	4ACSR	0	0	1007	160	22	3	2	0.01	4.31	0
CO30524	CO22350	3.48	2 1-	2ACSR	0	0	959	159	18	2	1	0.01	4.32	0
CO28503	CO30524	3.60	2 1-	2ACSR	0	0	927	158	18	2	1	0.01	4.33	0
CO28504	CO28503	3.69	2 1-	2ACSR	0	0	905	158	18	2	1	0.01	4.34	0
CO28505	CO28504	3.78	2 1-	2ACSR	0	0	884	157	18	2	1	0.01	4.35	0
CO28506	CO28505	3.86	2 1-	2ACSR	0	0	867	157	18	2	1	0.01	4.35	0
CO28507	CO28506	3.94	1 1-	2ACSR	0	0	849	156	17	2	1	0.01	4.36	0
CO28508	CO28507	4.03	1 1-	2ACSR	0	0	831	156	17	2	1	0.01	4.36	0
CO28509	CO28508	4.06	1 1-	2ACSR	0	0	824	155	17	2	1	0.00	4.37	0
CO28510	CO28509	4.10	1 1-	2ACSR	0	0	817	155	17	2	1	0.00	4.37	0
CO28367	CO28510	4.16	1 1-	1/0PRIURD	0	0	808	327	17	2	2	0.00	4.37	0
CO28511	CO28510	4.13	0 1-	2ACSR	0	0	810	155	0	0	0	0.00	4.37	0
CO28512	CO28511	4.15	0 1-	2ACSR	0	0	807	155	0	0	0	0.00	4.37	0
CO22351	CO22350	3.34	1 1-	4ACSR	0	0	997	160	4	0	0	0.00	4.31	0
CO1321848753	CO22351	3.36	0 1-	2ACSR	0	0	991	160	0	0	0	0.00	4.31	0
CO-766773170	CO1321848753	3.38	0 1-	2ACSR	0	0	984	160	0	0	0	0.00	4.31	0
CO-130284181	CO22351	3.43	1 1-	2ACSR	0	0	972	159	4	0	0	0.00	4.31	0
CO409416342	CO-130284181	3.50	1 1-	2ACSR	0	0	951	159	4	0	0	0.00	4.31	0
CO328862457	CO28501	3.16	2 1-	2ACSR	0	0	1073	162	18	2	1	0.00	4.28	0
CO819961856	CO328862457	3.22	1 1-	2ACSR	0	0	1054	161	8	1	1	0.00	4.28	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22092	CO22179	2.81	4 1-	4ACSR	0	0	1240	165	43	5	4	0.01	4.04	0
CO21980	CO22092	2.87	1 1-	4ACSR	0	0	1204	164	10	1	1	0.00	4.04	0
CO22091	CO22092	2.90	2 1-	4ACSR	0	0	1189	164	22	3	2	0.01	4.05	0
CO22180	CO22183	2.58	2 1-	4ACSR	0	0	1379	167	13	1	1	0.01	3.58	0
CO22181	CO22180	2.60	1 1-	4ACSR	0	0	1368	167	11	1	1	0.00	3.58	0
CO22311	CO22469	2.32	31 1-	6HDCU	0	0	1583	170	147	20	16	0.03	3.22	6
CO22310	CO22311	2.34	30 1-	6HDCU	0	0	1561	170	139	19	15	0.02	3.24	5
CO21955	CO22310	2.45	25 1-	6HDCU	0	0	1476	169	108	14	11	0.07	3.31	11
OC-169784924	CO21955	2.45	24 1-	20 N FUSE	0	0	1476	169	97	13	67	0.00	3.31	0
CO21950	OC-169784924	2.60	23 1-	6HDCU	0	0	1372	167	92	12	10	0.08	3.39	12
CO21949	CO21950	2.69	15 1-	6HDCU	0	0	1312	166	69	9	7	0.04	3.43	4
CO21997	CO21949	2.75	1 1-	4ACSR	0	0	1276	166	1	0	0	0.00	3.43	0
CO21948	CO21949	2.98	14 1-	6HDCU	0	0	1157	163	67	9	7	0.12	3.54	13
CO21947	CO21948	3.14	10 1-	6HDCU	0	0	1081	162	50	6	5	0.05	3.59	4
CO22003	CO21947	3.33	0 1-	4ACSR	0	0	1004	160	0	0	0	0.00	3.59	0
CO22188	CO21947	3.31	10 1-	6HDCU	0	0	1012	160	50	6	5	0.05	3.64	4
CO22187	CO22188	3.40	10 1-	6HDCU	0	0	979	159	50	6	5	0.03	3.67	2
CO21946	CO22187	3.47	9 1-	6HDCU	0	0	954	159	42	5	4	0.01	3.68	0
CO23736	CO21946	3.54	3 1-	6HDCU	0	0	931	158	19	2	2	0.01	3.69	0
CO21443	CO23736	3.56	3 1-	6HDCU	0	0	927	158	19	2	2	0.00	3.69	0
CO21442	CO21443	3.61	2 1-	6HDCU	0	0	912	158	15	2	2	0.00	3.70	0
CO21441	CO21442	3.66	2 1-	6HDCU	0	0	893	157	15	2	2	0.01	3.70	0
CO21367	CO21441	3.82	2 1-	6HDCU	0	0	849	156	15	2	2	0.01	3.72	0
OC1628589574	CO21367	3.82	2 1-	20 N FUSE	0	0	849	156	15	2	11	0.00	3.72	0
CO21530	OC1628589574	3.91	2 1-	6HDCU	0	0	825	155	15	2	2	0.01	3.73	0
CO21409	CO21530	3.96	1 1-	2ACSR	0	0	815	155	9	1	1	0.00	3.73	0
CO21415	CO21409	4.03	1 1-	1/0PRIURD	0	0	805	325	9	1	1	0.00	3.73	0
CO21529	CO21530	4.01	1 1-	6HDCU	0	0	801	154	7	0	1	0.00	3.73	0
CO21531	CO21529	4.07	0 1-	6HDCU	0	0	787	154	0	0	0	0.00	3.73	0
CO21394	OC1628589574	3.87	0 1-	6HDCU	0	0	837	155	0	0	0	0.00	3.72	0
CO21395	CO21441	3.71	0 1-	6HDCU	0	0	879	157	0	0	0	0.00	3.70	0
CO22196	CO21946	3.55	3 1-	6HDCU	0	0	928	158	7	1	1	0.00	3.69	0
CO22197	CO22196	3.62	1 1-	6HDCU	0	0	908	157	0	0	0	0.00	3.69	0
CO22194	CO22187	3.47	1 1-	4ACSR	0	0	956	159	8	1	1	0.00	3.67	0
CO22195	CO22194	3.55	0 1-	4ACSR	0	0	930	158	0	0	0	0.00	3.67	0
CO21952	CO21948	3.13	4 1-	4ACSR	0	0	1085	162	17	2	2	0.02	3.56	0
OC306311388	CO21952	3.13	3 1-	20 N FUSE	0	0	1085	162	16	2	11	0.00	3.56	0
CO22102	OC306311388	3.18	2 1-	4ACSR	0	0	1065	161	5	0	0	0.00	3.56	0
CO22426	CO22102	3.24	1 1-	4ACSR	0	0	1041	161	2	0	0	0.00	3.56	0
CO22425	CO22426	3.27	1 1-	4ACSR	0	0	1026	161	2	0	0	0.00	3.56	0
CO22002	OC306311388	3.30	1 1-	4ACSR	0	0	1016	160	11	1	1	0.01	3.56	0
CO22396	CO21950	2.78	7 1-	6HDCU	0	0	1263	165	22	3	2	0.02	3.41	0
OC755099206	CO22396	2.78	7 1-	20 N FUSE	0	0	1263	165	22	3	15	0.00	3.41	0
CO22395	OC755099206	2.93	7 1-	6HDCU	0	0	1180	164	22	3	2	0.02	3.43	0
CO22004	CO22395	2.97	1 1-	6HDCU	0	0	1162	164	5	0	1	0.00	3.43	0
CO21953	CO22395	3.04	6 1-	6HDCU	0	0	1128	163	17	2	2	0.01	3.44	0
CO22411	CO21953	3.12	1 1-	4ACSR	0	0	1091	162	0	0	0	0.00	3.44	0
CO22410	CO22411	3.21	1 1-	4ACSR	0	0	1052	161	0	0	0	0.00	3.44	0
CO22107	CO21953	3.13	2 1-	4ACSR	0	0	1085	162	5	0	0	0.00	3.44	0
CO22106	CO22107	3.34	0 1-	4ACSR	0	0	999	160	0	0	0	0.00	3.44	0
CO22105	CO21953	3.14	3 1-	4ACSR	0	0	1080	162	12	1	1	0.01	3.45	0
CO22104	CO22105	3.18	2 1-	4ACSR	0	0	1065	161	6	0	1	0.00	3.45	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22428	CO22104	3.31	1 1-	4ACSR	0	0	1013	160	6	0	1	0.00	3.45	0
CO22427	CO22428	3.36	1 1-	4ACSR	0	0	994	160	6	0	1	0.00	3.46	0
CO22047	OC-169784924	2.50	1 1-	2ACSR	0	0	1447	168	5	0	0	0.00	3.31	0
CO22528	OC-169784924	2.46	0 1-	4ACSR	0	0	1471	169	0	0	0	0.00	3.31	0
CO21999	CO22310	2.44	3 1-	4ACSR	0	0	1485	169	20	2	2	0.01	3.24	0
CO22082	CO30561	1.91	4 1-	4ACSR	0	0	1871	172	27	3	3	0.00	3.03	0
OC1788003674	CO22082	1.91	3 1-	20 N FUSE	0	0	1871	172	18	2	12	0.00	3.03	0
CO22081	OC1788003674	1.96	3 1-	4ACSR	0	0	1819	172	18	2	2	0.00	3.03	0
CO22527	CO22081	1.96	0 1-	4ACSR	0	0	1812	172	0	0	0	0.00	3.03	0
CO22001	CO22081	2.04	1 1-	4ACSR	0	0	1735	171	3	0	0	0.00	3.03	0
CO22163	CO22162	1.17	794 3-	1/0CU	3336	3133	2765	176	4239	192	62	0.08	2.73	536
CO22436	CO22163	1.22	793 3-	1/0CU	3265	3060	2692	176	4232	191	62	0.11	2.84	716
CO22435	CO22436	1.25	793 3-	1/0CU	3222	3017	2649	176	4228	191	62	0.07	2.91	435
CO21940	CO22435	1.32	791 3-	1/0CU	3135	2928	2561	176	4223	191	62	0.14	3.05	936
CO22441	CO21940	1.34	778 3-	1/0CU	3112	2906	2538	175	4167	189	61	0.04	3.09	244
CO22440	CO22441	1.35	778 3-	1/0CU	3098	2892	2524	175	4166	189	61	0.02	3.11	153
CO22190	CO22440	1.39	776 3-	1/0CU	3057	2850	2484	175	4161	189	61	0.07	3.19	458
CO22191	CO22190	1.42	774 3-	1/0CU	3020	2813	2447	175	4155	189	61	0.06	3.25	416
CO22327	CO22191	1.46	8 1-	4ACSR	0	0	2379	175	35	4	3	0.01	3.26	0
CO22007	CO22327	1.47	7 1-	1/0PRIURD	0	0	2365	440	35	4	3	0.00	3.26	0
CO22319	CO22007	1.58	5 1-	1/0PRIURD	0	0	2254	437	22	3	2	0.00	3.26	0
CO-1111749743	CO22319	1.65	2 1-	1/0PRIURD	0	0	2197	434	13	1	1	0.00	3.27	0
CO-251639058	CO-1111749743	1.69	0 1-	1/0PRIURD	0	0	2165	432	0	0	0	0.00	3.27	0
CO-1126418795	CO-1111749743	1.74	2 1-	1/0PRIURD	0	0	2130	431	13	1	1	0.00	3.27	0
CO1946455801	CO-1126418795	1.77	2 1-	1/0PRIURD	0	0	2107	429	13	1	1	0.00	3.27	0
CO-1428076018	CO1946455801	1.77	2 1-	1/0PRIURD	0	0	2103	429	13	1	1	0.00	3.27	0
CO161402883	CO-1428076018	1.80	2 1-	1/0PRIURD	0	0	2086	428	13	1	1	0.00	3.27	0
CO-2029845015	CO161402883	1.85	1 1-	1/0PRIURD	0	0	2050	427	6	0	1	0.00	3.27	0
CO22328	CO22327	1.50	1 1-	1/0PRIURD	0	0	2342	439	0	0	0	0.00	3.26	0
CO22389	CO22191	1.44	766 3-	1/0CU	3003	2796	2431	175	4118	187	60	0.03	3.28	193
CO22388	CO22389	1.51	766 3-	1/0CU	2923	2715	2352	175	4117	187	60	0.15	3.43	945
CO21985	CO22388	1.56	5 1-	4ACSR	0	0	2273	174	15	2	1	0.00	3.43	0
CO21941	CO22388	1.59	761 3-	1/0CU	2840	2639	2273	175	4098	186	60	0.16	3.59	1007
CO21986	CO21941	1.61	2 1-	4ACSR	0	0	2251	175	18	2	2	0.00	3.59	0
CO22094	CO21941	1.63	5 1-	4ACSR	0	0	2219	174	23	3	2	0.00	3.59	0
CO22325	CO22094	1.68	3 1-	4ACSR	0	0	2134	174	17	2	2	0.01	3.60	0
CO21987	CO22325	1.77	1 1-	4ACSR	0	0	2008	173	9	1	1	0.00	3.60	0
CO22326	CO22325	1.83	2 1-	4ACSR	0	0	1936	172	8	1	1	0.00	3.60	0
CO22391	CO21941	1.75	754 3-	1/0CU	2689	2497	2130	174	4052	184	60	0.31	3.90	1975
CO22390	CO22391	1.78	754 3-	1/0CU	2663	2473	2106	174	4043	184	60	0.06	3.96	355
CO22008	CO22390	1.88	1 1-	4ACSR	0	0	1980	173	2	0	0	0.00	3.96	0
CO22096	CO22390	1.85	1 1-	4ACSR	0	0	2013	173	2	0	0	0.00	3.96	0
CO22095	CO22096	1.87	1 1-	4ACSR	0	0	1988	173	2	0	0	0.00	3.96	0
CO22464	CO22390	1.87	752 3-	1/0CU	2590	2405	2039	174	4038	184	60	0.16	4.12	1044
CO22463	CO22464	1.93	752 3-	1/0CU	2544	2361	1996	174	4033	184	60	0.11	4.23	696
CO22465	CO22463	2.02	752 3-	1/0CU	2471	2294	1930	173	4030	184	60	0.18	4.41	1129
CO22280	CO22465	2.08	751 3-	1/0CU	2428	2254	1891	173	4018	184	60	0.11	4.52	704
CO22193	CO22280	2.09	750 3-	1/0CU	2421	2247	1885	173	4005	184	59	0.02	4.54	122
CO22304	CO22193	2.11	61 1-	4ACSR	0	0	1855	173	263	36	26	0.04	4.58	18
CO22305	CO22304	2.15	60 1-	4ACSR	0	0	1814	172	256	35	25	0.06	4.64	26
CO22442	CO22305	2.17	2 1-	4ACSR	0	0	1790	172	7	0	1	0.00	4.64	0
CO22540	CO22442	2.20	0 1-	4ACSR	0	0	1761	172	0	0	0	0.00	4.64	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22295	CO22305	2.20	58 1-	4ACSR	0	0	1761	172	249	34	25	0.08	4.72	32
CO22296	CO22295	2.23	58 1-	4ACSR	0	0	1736	172	249	34	25	0.04	4.75	16
CO22534	CO22296	2.23	31 1-	4ACSR	0	0	1729	171	89	12	9	0.00	4.76	0
OC668	CO22534	2.23	31 1-	35 L OCR	0	0	1729	171	89	12	35	0.00	4.76	0
CO22535	OC668	2.26	31 1-	4ACSR	0	0	1698	171	89	12	9	0.02	4.78	2
CO22210	CO22535	2.37	30 1-	4ACSR	0	0	1600	170	84	11	8	0.05	4.83	8
CO22211	CO22210	2.42	29 1-	4ACSR	0	0	1559	169	80	11	8	0.02	4.85	3
CO80089647	CO22211	2.44	28 1-	2ACSR	0	0	1544	169	75	10	6	0.01	4.86	0
CO1805294701	CO80089647	2.47	1 1-	2ACSR	0	0	1523	169	5	0	0	0.00	4.86	0
CO-112368577	CO80089647	2.53	27 1-	2ACSR	0	0	1485	169	70	9	5	0.03	4.89	3
CO22448	CO-112368577	2.56	27 1-	4ACSR	0	0	1467	168	70	9	7	0.01	4.90	0
CO22208	CO22448	2.59	26 1-	4ACSR	0	0	1441	168	67	9	7	0.01	4.91	0
CO22209	CO22208	2.71	24 1-	4ACSR	0	0	1360	167	61	8	6	0.04	4.95	4
CO22206	CO22209	2.80	23 1-	4ACSR	0	0	1299	166	54	7	5	0.03	4.98	3
CO22207	CO22206	2.87	22 1-	4ACSR	0	0	1260	165	49	6	5	0.02	5.00	0
CO22040	CO22207	2.91	3 1-	4/0ACSR	0	0	1247	165	8	1	0	0.00	5.00	0
CO22042	CO22040	2.97	1 1-	2ACSR	0	0	1221	165	6	0	0	0.00	5.00	0
CO22203	CO22207	2.95	19 1-	4ACSR	0	0	1217	165	41	5	4	0.02	5.02	0
CO22204	CO22203	3.00	16 1-	4ACSR	0	0	1187	164	35	4	3	0.01	5.03	0
CO22205	CO22204	3.03	13 1-	4ACSR	0	0	1173	164	31	4	3	0.01	5.04	0
CO22447	CO22205	3.11	10 1-	4ACSR	0	0	1134	163	28	3	3	0.01	5.05	0
CO22446	CO22447	3.13	10 1-	4ACSR	0	0	1124	163	28	3	3	0.00	5.05	0
CO21974	CO22446	3.24	8 1-	4ACSR	0	0	1073	162	20	2	2	0.01	5.07	0
CO22018	CO21974	3.45	1 1-	4ACSR	0	0	988	160	8	1	1	0.01	5.07	0
CO21962	CO21974	3.31	5 1-	4ACSR	0	0	1045	161	9	1	1	0.00	5.07	0
CO22275	CO21962	3.40	4 1-	4ACSR	0	0	1008	160	5	0	1	0.00	5.07	0
CO22276	CO22275	3.45	2 1-	4ACSR	0	0	990	160	3	0	0	0.00	5.07	0
CO22213	CO22276	3.52	0 1-	4ACSR	0	0	964	159	0	0	0	0.00	5.07	0
CO22019	CO21962	3.36	1 1-	4ACSR	0	0	1023	160	3	0	0	0.00	5.07	0
CO22017	CO22446	3.17	2 1-	4ACSR	0	0	1105	162	8	1	1	0.00	5.06	0
CO22016	CO22448	2.61	1 1-	4ACSR	0	0	1425	168	3	0	0	0.00	4.90	0
CO22393	CO22296	2.30	27 1-	4ACSR	0	0	1662	171	160	22	16	0.07	4.83	20
CO22392	CO22393	2.32	27 1-	4ACSR	0	0	1645	171	160	22	16	0.02	4.85	5
CO22394	CO22392	2.49	27 1-	4ACSR	0	0	1500	169	160	22	16	0.17	5.02	45
CO21942	CO22394	2.87	4 1-	4ACSR	0	0	1246	165	14	1	1	0.03	5.05	0
CO22097	CO21942	3.08	2 1-	4ACSR	0	0	1137	163	2	0	0	0.00	5.05	0
CO23737	CO22097	3.21	1 1-	4ACSR	0	0	1078	162	2	0	0	0.00	5.05	0
CO22062	CO21942	3.02	2 1-	4HDCU	0	0	1182	164	12	1	1	0.00	5.05	0
CO22420	CO22062	3.08	1 1-	4HDCU	0	0	1159	163	0	0	0	0.00	5.05	0
CO22419	CO22420	3.15	1 1-	4HDCU	0	0	1133	163	0	0	0	0.00	5.05	0
CO22533	CO22394	2.77	23 1-	4ACSR	0	0	1304	166	145	20	14	0.25	5.27	61
CO22404	CO22533	2.78	23 1-	4ACSR	0	0	1297	166	145	20	14	0.01	5.28	3
CO22405	CO22404	2.80	23 1-	4ACSR	0	0	1286	166	145	20	14	0.02	5.29	4
CO22329	CO22405	2.98	4 1-	4ACSR	0	0	1186	164	22	3	2	0.02	5.32	0
CO22474	CO22329	3.20	2 1-	4ACSR	0	0	1082	162	20	2	2	0.03	5.34	0
CO22473	CO22474	3.35	2 1-	4ACSR	0	0	1019	160	20	2	2	0.02	5.36	0
CO22021	CO22473	3.40	1 1-	4ACSR	0	0	997	160	3	0	0	0.00	5.36	0
CO22020	CO22473	3.40	1 1-	4ACSR	0	0	997	160	17	2	2	0.00	5.37	0
CO22022	CO22329	3.04	1 1-	4ACSR	0	0	1157	163	2	0	0	0.00	5.32	0
CO22340	CO22405	2.81	19 1-	2ACSR	0	0	1280	166	123	17	10	0.01	5.30	0
CO22538	CO22340	2.84	15 1-	2ACSR	0	0	1270	165	104	14	8	0.01	5.31	0
CO22339	CO22538	2.88	13 1-	2ACSR	0	0	1248	165	90	12	7	0.02	5.33	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22320	CO22339	2.96	13 1-	1/0PRIURD	0	0	1221	378	90	12	8	0.02	5.34	2
CO22321	CO22320	3.02	8 1-	1/0PRIURD	0	0	1202	376	58	8	5	0.01	5.35	0
CO22318	CO22321	3.08	3 1-	1/0PRIURD	0	0	1184	374	18	2	2	0.00	5.35	0
CO22317	CO22318	3.19	0 1-	1/0PRIURD	0	0	1151	372	0	0	0	0.00	5.35	0
CO22049	CO22538	2.89	2 1-	1/0PRIURD	0	0	1249	380	14	1	1	0.00	5.31	0
CO22341	CO22340	2.86	4 1-	2ACSR	0	0	1257	165	19	2	1	0.00	5.30	0
CO22322	CO22341	2.97	4 1-	1/0PRIURD	0	0	1220	378	19	2	2	0.00	5.31	0
CO22484	CO22322	3.10	1 1-	1/0PRIURD	0	0	1179	374	1	0	0	0.00	5.31	0
CO22500	CO22193	2.09	13 1-	4ACSR	0	0	1877	173	75	10	7	0.00	4.54	0
OC663	CO22500	2.09	13 1-	50 L OCR	0	0	1877	173	75	10	0	0.00	4.54	0
CO22501	OC663	2.16	13 1-	4ACSR	0	0	1802	172	75	10	7	0.03	4.57	4
CO21988	CO22501	2.24	2 1-	4ACSR	0	0	1724	171	14	1	1	0.00	4.57	0
CO22165	CO22501	2.34	10 1-	4ACSR	0	0	1627	170	58	7	6	0.06	4.63	5
CO22166	CO22165	2.37	9 1-	4ACSR	0	0	1603	170	49	6	5	0.01	4.64	0
CO22164	CO22166	2.44	7 1-	4ACSR	0	0	1543	169	42	5	4	0.02	4.66	0
CO22277	CO22164	2.47	6 1-	4ACSR	0	0	1516	169	36	5	4	0.01	4.66	0
CO22278	CO22277	2.48	5 1-	4ACSR	0	0	1507	169	24	3	2	0.00	4.66	0
CO22281	CO22278	2.66	4 1-	4ACSR	0	0	1376	167	15	2	1	0.01	4.67	0
CO22282	CO22281	2.72	2 1-	4ACSR	0	0	1339	166	5	0	0	0.00	4.68	0
CO22384	CO22282	2.89	0 1-	4ACSR	0	0	1236	165	0	0	0	0.00	4.68	0
CO22385	CO22384	3.08	0 1-	4ACSR	0	0	1138	163	0	0	0	0.00	4.68	0
CO22083	CO22282	2.75	2 1-	4ACSR	0	0	1314	166	5	0	0	0.00	4.68	0
CO22523	CO22083	2.86	2 1-	4ACSR	0	0	1250	165	5	0	0	0.00	4.68	0
CO22381	CO22523	3.01	2 1-	4ACSR	0	0	1172	164	5	0	0	0.00	4.68	0
CO22382	CO22381	3.09	2 1-	4ACSR	0	0	1132	163	5	0	0	0.00	4.69	0
CO22383	CO22382	3.41	2 1-	4ACSR	0	0	997	160	5	0	0	0.01	4.69	0
CO22379	CO22383	3.51	1 1-	4ACSR	0	0	959	159	3	0	0	0.00	4.69	0
CO-451734469	CO22379	3.74	1 1-	2ACSR	0	0	902	157	3	0	0	0.00	4.70	0
CO-1763695931	CO-451734469	3.80	0 1-	2ACSR	0	0	887	157	0	0	0	0.00	4.70	0
CO-972994725	CO-451734469	3.94	1 1-	2ACSR	0	0	856	156	3	0	0	0.00	4.70	0
CO22536	CO22193	2.24	676 3-	1/0CU	2315	2149	1790	173	3667	168	54	0.26	4.80	1543
CO21957	CO22536	2.45	674 3-	1/0CU	2179	2022	1671	172	3647	167	54	0.37	5.17	2181
CO21958	CO21957	2.55	674 3-	1/0CU	2124	1972	1623	171	3637	167	54	0.16	5.34	949
CO22401	CO21958	2.57	673 3-	1/0CU	2112	1961	1613	171	3628	167	54	0.04	5.37	217
CO22400	CO22401	2.75	673 3-	1/0CU	2014	1870	1529	171	3627	167	54	0.31	5.69	1843
CO21959	CO22400	2.82	668 3-	1/0CU	1980	1838	1500	171	3599	166	54	0.12	5.80	678
CO30701	CO21959	2.89	2 3-	1/0CU	1947	1808	1472	170	0	0	0	0.00	5.80	0
CO22201	CO21959	2.82	664 3-	1/0CU	1978	1836	1498	171	3584	166	54	0.01	5.81	47
RG13	CO22201	2.82	664 3-	200	1978	1836	1498	171	3584	166	83	-5.81	0.00	0
CO22202	RG13	3.12	664 3-	1/0CU	1843	1711	1385	170	3584	158	51	0.48	0.48	2654
CO22403	CO22202	3.17	663 3-	1/0CU	1822	1692	1367	169	3568	158	51	0.08	0.55	445
CO22402	CO22403	3.21	663 3-	1/0CU	1803	1675	1352	169	3566	158	51	0.07	0.63	395
CO21960	CO22402	3.32	661 3-	1/0CU	1760	1635	1317	169	3560	158	51	0.17	0.80	968
CO22502	CO21960	3.33	658 3-	1/0CU	1758	1633	1314	169	3547	157	51	0.01	0.81	59
CO22503	CO22502	3.36	658 3-	1/0CU	1744	1620	1303	169	3546	157	51	0.06	0.87	319
CO21961	CO22503	3.41	628 3-	1/0CU	1724	1602	1287	169	3386	150	49	0.08	0.94	424
CO21963	CO21961	3.54	406 3-	1/0CU	1679	1560	1250	168	1778	79	26	0.11	1.05	283
CO22024	CO21963	3.60	4 1-	4ACSR	0	0	1221	168	14	1	1	0.00	1.06	0
CO22218	CO21963	3.62	402 3-	1/0CU	1651	1534	1227	168	1762	79	26	0.07	1.12	182
CO22219	CO22218	3.67	401 3-	1/0CU	1632	1516	1212	168	1757	79	26	0.05	1.17	123
CO22453	CO22219	3.70	392 3-	1/0CU	1622	1508	1204	168	1714	77	25	0.02	1.20	61
CO22452	CO22453	3.72	392 3-	1/0CU	1616	1501	1198	168	1714	77	25	0.02	1.21	43

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC130016512	CO22452	3.72	386 3-	70 L OCR	1616	1501	1198	168	1685	75 109	0.00	1.21	0	
CO22235	OC130016512	3.76	386 3-	1/0CU	1602	1489	1187	167	1685	75 25	0.04	1.25	87	
CO22236	CO22235	3.80	384 3-	1/0CU	1590	1478	1178	167	1682	75 24	0.03	1.28	74	
CO22241	CO22236	3.84	380 3-	1/0CU	1577	1465	1167	167	1671	75 24	0.04	1.31	87	
CO22313	CO22241	3.86	378 3-	1/0CU	1571	1460	1162	167	1668	75 24	0.02	1.33	39	
CO22314	CO22313	3.88	377 3-	1/0CU	1564	1454	1157	167	1659	74 24	0.02	1.35	40	
CO22240	CO22314	3.95	375 3-	1/0CU	1543	1434	1140	167	1655	74 24	0.06	1.41	140	
CO22239	CO22240	4.01	371 3-	1/0CU	1525	1417	1125	167	1641	74 24	0.05	1.45	118	
CO22238	CO22239	4.11	367 3-	1/0CU	1495	1390	1102	166	1624	73 24	0.08	1.54	196	
CO22237	CO22238	4.18	366 3-	1/0CU	1477	1373	1087	166	1608	72 23	0.05	1.59	121	
CO22542	CO22237	4.24	230 3-	1/0CU	1461	1359	1075	166	1045	47 15	0.03	1.62	46	
CO21970	CO22542	4.31	215 3-	1/0CU	1442	1341	1059	166	991	44 14	0.04	1.66	53	
CO22123	CO21970	4.35	3 1-	4ACSR	0	0	1045	165	13	1 1	0.00	1.66	0	
CO22122	CO22123	4.39	2 1-	4ACSR	0	0	1031	165	5	0 1	0.00	1.66	0	
CO22543	CO21970	4.38	211 3-	1/0CU	1423	1324	1045	165	972	43 14	0.03	1.69	48	
CO22124	CO22543	4.44	10 3-	4ACSR	1395	1300	1024	165	74	3 2	0.01	1.70	0	
CO22242	CO22124	4.47	4 3-	4ACSR	1380	1288	1014	165	54	2 2	0.00	1.70	0	
CO22243	CO22242	4.50	2 3-	4ACSR	1363	1273	1002	164	51	2 2	0.00	1.70	0	
CO21971	CO22543	4.45	201 3-	1/0CU	1406	1308	1031	165	898	40 13	0.03	1.72	41	
CO23733	CO21971	4.75	178 3-	1/0CU	1334	1241	974	164	807	36 12	0.12	1.84	145	
CO21864	CO23733	4.85	178 3-	1/0CU	1313	1221	958	164	806	36 12	0.04	1.88	45	
CO21594	CO21864	4.87	167 3-	1/0ACSR	1307	1217	954	164	716	32 14	0.01	1.89	11	
CO21854	CO21594	4.93	167 3-	1/0ACSR	1289	1200	940	163	716	32 14	0.04	1.93	41	
CO21855	CO21854	5.00	166 3-	1/0ACSR	1271	1183	926	163	709	32 14	0.04	1.96	39	
CO21847	CO21855	5.06	112 3-	1/0ACSR	1256	1170	915	163	497	22 10	0.02	1.99	16	
CO21848	CO21847	5.08	111 3-	1/0ACSR	1251	1165	912	163	493	22 10	0.01	1.99	6	
CO21632	CO21848	5.13	1 1-	4ACSR	0	0	896	162	8	1 1	0.00	1.99	0	
CO21837	CO21848	5.10	110 3-	1/0ACSR	1244	1159	906	163	485	22 10	0.01	2.00	8	
CO21838	CO21837	5.12	107 3-	1/0ACSR	1239	1155	902	163	464	21 9	0.01	2.01	5	
CO21836	CO21838	5.16	105 3-	1/0ACSR	1229	1146	895	162	443	20 9	0.01	2.02	9	
CO21839	CO21836	5.28	86 3-	4ACSR	1183	1107	863	161	372	16 12	0.08	2.10	50	
CO21661	CO21839	5.33	1 3-	2ACSR	1169	1095	853	161	1	0 0	0.00	2.10	0	
CO21840	CO21839	5.32	85 3-	4ACSR	1171	1097	855	161	370	16 12	0.02	2.12	13	
CO21842	CO21840	5.47	84 3-	4ACSR	1116	1050	817	159	349	15 11	0.10	2.22	56	
CO21843	CO21842	5.50	83 3-	4ACSR	1105	1040	809	159	343	15 11	0.02	2.24	11	
CO21841	CO21843	5.54	80 3-	4ACSR	1092	1030	801	159	324	14 11	0.02	2.26	12	
CO23743	CO21841	5.59	76 3-	1/0CU	1085	1023	796	159	287	13 4	0.01	2.27	3	
CO21347	CO23743	5.59	25 1-	4ACSR	0	0	794	159	111	15 11	0.00	2.27	0	
OC637	CO21347	5.59	25 1-	25 H OCR	0	0	794	159	111	15 61	0.00	2.27	0	
CO21348	OC637	5.62	25 1-	4ACSR	0	0	789	158	111	15 11	0.02	2.29	3	
CO544010058	CO21348	5.66	1 1-	2ACSR	0	0	782	158	8	1 1	0.00	2.29	0	
CO21263	CO21348	5.66	23 1-	4ACSR	0	0	780	158	100	13 10	0.03	2.31	4	
CO21213	CO21263	5.72	0 1-	4ACSR	0	0	767	157	0	0 0	0.00	2.31	0	
CO21264	CO21263	5.69	23 1-	4ACSR	0	0	773	158	100	13 10	0.02	2.33	3	
CO21266	CO21264	5.75	22 1-	4ACSR	0	0	761	157	91	12 9	0.03	2.36	5	
CO21265	CO21266	5.82	21 1-	4ACSR	0	0	745	156	87	12 9	0.04	2.41	6	
CO21214	CO21265	5.86	1 1-	4ACSR	0	0	738	156	1	0 0	0.00	2.41	0	
CO21273	CO21265	5.94	20 1-	4ACSR	0	0	723	155	87	11 8	0.06	2.47	9	
CO21272	CO21273	6.04	19 1-	4ACSR	0	0	705	154	85	11 8	0.05	2.51	6	
CO21274	CO21272	6.18	18 1-	4ACSR	0	0	679	153	74	10 7	0.07	2.58	8	
CO21340	CO21274	6.28	1 1-	4ACSR	0	0	664	152	3	0 0	0.00	2.58	0	
CO21337	CO21340	6.36	1 1-	4ACSR	0	0	650	152	3	0 0	0.00	2.59	0	

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21339	CO21337	6.45	1 1-	4ACSR	0	0	636	151	3	0	0	0.00	2.59	0
CO21338	CO21339	6.54	1 1-	4ACSR	0	0	625	150	3	0	0	0.00	2.59	0
CO21269	CO21274	6.29	17 1-	4ACSR	0	0	662	152	70	9	7	0.04	2.63	5
CO21271	CO21269	6.31	16 1-	4ACSR	0	0	659	152	62	8	6	0.01	2.63	0
CO21270	CO21271	6.39	15 1-	4ACSR	0	0	646	151	62	8	6	0.03	2.67	3
CO-2135996948	CO21270	6.44	15 1-	2ACSR	0	0	640	151	62	8	5	0.01	2.68	0
CO1872203879	CO-2135996948	6.57	1 1-	2ACSR	0	0	625	150	4	0	0	0.00	2.68	0
CO-1764549330	CO-2135996948	6.62	14 1-	2ACSR	0	0	619	150	58	8	4	0.05	2.72	4
CO21268	CO-1764549330	6.78	14 1-	4ACSR	0	0	597	149	58	8	6	0.06	2.78	6
CO21344	CO21268	6.79	14 1-	8ACWC	0	0	596	149	58	8	8	0.00	2.79	0
CO30542	CO21344	6.98	14 1-	8ACWC	0	0	564	146	58	8	8	0.10	2.89	10
CO21234	CO30542	7.06	13 1-	8ACWC	0	0	552	145	58	8	8	0.04	2.93	4
CO21235	CO21234	7.12	13 1-	8ACWC	0	0	543	145	58	8	8	0.03	2.96	3
CO1976948756	CO21235	7.15	11 1-	2ACSR	0	0	540	144	56	7	4	0.01	2.97	0
CO-276496211	CO1976948756	7.35	10 1-	2ACSR	0	0	524	143	48	6	4	0.04	3.01	3
CO21236	CO-276496211	7.65	10 1-	8ACWC	0	0	485	140	48	6	7	0.13	3.14	11
CO21240	CO21236	7.82	4 1-	4ACSR	0	0	470	139	12	1	1	0.01	3.15	0
CO21239	CO21240	7.93	3 1-	4ACSR	0	0	460	138	2	0	0	0.00	3.15	0
CO21237	CO21239	8.03	1 1-	4ACSR	0	0	452	137	0	0	0	0.00	3.15	0
CO21238	CO21237	8.08	0 1-	4ACSR	0	0	448	137	0	0	0	0.00	3.15	0
CO21231	CO21236	7.84	2 1-	6ACWC	0	0	468	139	16	2	2	0.02	3.16	0
CO21232	CO21231	7.92	2 1-	6ACWC	0	0	461	138	16	2	2	0.01	3.17	0
OC34123186	CO21232	7.92	0 1-	20 N FUSE	0	0	461	138	0	0	0	0.00	3.17	0
CO21189	OC34123186	8.10	0 1-	6ACWC	0	0	447	137	0	0	0	0.00	3.17	0
CO21229	CO21189	8.16	0 1-	6ACWC	0	0	443	136	0	0	0	0.00	3.17	0
CO21350	CO21229	8.24	0 1-	6ACWC	0	0	437	136	0	0	0	0.00	3.17	0
CO21188	CO21189	8.28	0 1-	6ACWC	0	0	434	136	0	0	0	0.00	3.17	0
OC735311694	CO21188	8.28	0 1-	20 N FUSE	0	0	434	136	0	0	0	0.00	3.17	0
CO21306	CO21232	8.13	2 1-	4ACSR	0	0	445	137	16	2	2	0.02	3.19	0
CO21305	CO21306	8.21	1 1-	4ACSR	0	0	439	136	8	1	1	0.00	3.19	0
CO21308	CO21236	7.70	3 1-	4ACSR	0	0	481	140	20	2	2	0.01	3.15	0
CO21307	CO21308	7.83	2 1-	4ACSR	0	0	469	139	16	2	2	0.01	3.16	0
CO-1176267393	CO1976948756	7.19	1 1-	2ACSR	0	0	536	144	8	1	1	0.00	2.97	0
CO21203	CO30542	7.35	1 1-	4ACSR	0	0	522	143	0	0	0	0.00	2.89	0
CO21242	CO23743	5.65	50 3-	1/0CU	1076	1014	788	158	174	7	3	0.01	2.27	0
CO21241	CO21242	5.71	49 3-	1/0CU	1068	1006	782	158	174	7	3	0.00	2.28	0
CO21311	CO21241	5.75	3 3-	4ACSR	1052	993	771	158	5	0	0	0.00	2.28	0
CO21310	CO21311	5.86	2 3-	4ACSR	1022	967	750	157	3	0	0	0.00	2.28	0
CO21225	CO21310	5.92	1 1-	2ACSR	0	0	741	156	2	0	0	0.00	2.28	0
CO21345	CO21241	5.71	41 1-	4ACSR	0	0	780	158	142	19	14	0.01	2.28	0
OC640	CO21345	5.71	41 1-	25 H OCR	0	0	780	158	142	19	77	0.00	2.28	0
CO21346	OC640	5.73	41 1-	4ACSR	0	0	777	158	142	19	14	0.01	2.30	3
CO21244	CO21346	5.78	41 1-	4ACSR	0	0	767	158	142	19	14	0.04	2.34	9
CO21243	CO21244	5.92	40 1-	4ACSR	0	0	738	156	138	18	13	0.12	2.46	27
CO21204	CO21243	5.97	0 1-	4ACSR	0	0	728	156	0	0	0	0.00	2.46	0
CO21246	CO21243	6.00	40 1-	4ACSR	0	0	723	156	138	18	13	0.06	2.52	14
CO21245	CO21246	6.01	39 1-	4ACSR	0	0	720	155	128	17	12	0.01	2.53	3
CO21190	CO21245	6.18	35 1-	4ACSR	0	0	690	154	115	15	11	0.12	2.65	22
CO21319	CO21190	6.30	16 1-	4ACSR	0	0	670	153	51	6	5	0.04	2.68	3
CO21314	CO21319	6.34	15 1-	4ACSR	0	0	663	152	48	6	5	0.01	2.70	0
CO21318	CO21314	6.39	12 1-	4ACSR	0	0	655	152	32	4	3	0.01	2.70	0
CO21317	CO21318	6.43	10 1-	4ACSR	0	0	650	152	24	3	2	0.00	2.71	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21315	CO21317	6.47	8 1-	4ACSR	0	0	643	151	18	2	2	0.00	2.71	0
CO21316	CO21315	6.52	6 1-	4ACSR	0	0	636	151	14	1	1	0.00	2.71	0
CO21254	CO21190	6.32	19 1-	4ACSR	0	0	666	153	64	8	6	0.06	2.70	6
CO21251	CO21254	6.57	19 1-	4ACSR	0	0	627	150	64	8	6	0.10	2.80	10
CO21224	CO21251	6.81	1 1-	4ACSR	0	0	595	148	1	0	0	0.00	2.80	0
CO21253	CO21251	6.69	18 1-	4ACSR	0	0	611	149	63	8	6	0.04	2.85	5
CO21252	CO21253	6.81	18 1-	4ACSR	0	0	594	148	63	8	6	0.05	2.90	5
CO21256	CO21252	6.89	17 1-	4ACSR	0	0	585	148	60	8	6	0.02	2.92	2
CO21255	CO21256	7.10	16 1-	4ACSR	0	0	559	146	51	6	5	0.06	2.98	5
CO21211	CO21255	7.21	1 1-	4ACSR	0	0	546	145	8	1	1	0.00	2.99	0
CO21191	CO21255	7.22	15 1-	4ACSR	0	0	545	145	43	5	4	0.03	3.02	2
CO21193	CO21191	7.37	4 1-	4ACSR	0	0	529	144	11	1	1	0.01	3.03	0
CO21210	CO21193	7.42	2 1-	4ACSR	0	0	523	144	8	1	1	0.00	3.03	0
CO21209	CO21193	7.43	1 1-	4ACSR	0	0	522	143	3	0	0	0.00	3.03	0
CO21208	CO21193	7.44	1 1-	4ACSR	0	0	521	143	0	0	0	0.00	3.03	0
CO21215	CO21191	7.33	0 1-	4ACSR	0	0	532	144	0	0	0	0.00	3.02	0
CO21257	CO21191	7.28	11 1-	4ACSR	0	0	539	145	31	4	3	0.01	3.03	0
CO21259	CO21257	7.50	10 1-	4ACSR	0	0	515	143	30	4	3	0.04	3.07	0
CO21258	CO21259	7.54	9 1-	4ACSR	0	0	511	143	30	4	3	0.01	3.07	0
CO21192	CO21258	7.75	1 1-	4ACSR	0	0	492	141	0	0	0	0.00	3.07	0
CO21207	CO21192	7.82	0 1-	4ACSR	0	0	485	140	0	0	0	0.00	3.07	0
CO21206	CO21192	7.89	1 1-	4ACSR	0	0	479	140	0	0	0	0.00	3.07	0
CO21260	CO21258	7.73	8 1-	4ACSR	0	0	493	141	30	4	3	0.03	3.10	0
CO21262	CO21260	7.80	7 1-	4ACSR	0	0	487	141	23	3	2	0.01	3.11	0
CO21261	CO21262	7.89	4 1-	4ACSR	0	0	479	140	17	2	2	0.01	3.12	0
CO-1723822932	CO21261	7.96	1 1-	4ACSR	0	0	473	139	10	1	1	0.00	3.12	0
CO21205	CO21261	7.96	1 1-	4ACSR	0	0	472	139	4	0	0	0.00	3.12	0
CO21313	CO21261	8.00	2 1-	4ACSR	0	0	469	139	4	0	0	0.00	3.12	0
CO21312	CO21313	8.02	0 1-	4ACSR	0	0	468	139	0	0	0	0.00	3.12	0
CO21212	CO21252	6.86	1 1-	4ACSR	0	0	588	148	3	0	0	0.00	2.90	0
CO21250	CO21245	6.10	4 1-	4ACSR	0	0	705	155	13	1	1	0.00	2.54	0
CO21249	CO21250	6.49	3 1-	4ACSR	0	0	641	151	6	0	1	0.01	2.55	0
CO21226	CO21249	6.55	1 1-	2ACSR	0	0	633	151	2	0	0	0.00	2.55	0
CO21247	CO21249	6.53	1 1-	4ACSR	0	0	634	151	4	0	0	0.00	2.55	0
CO21248	CO21247	6.77	0 1-	4ACSR	0	0	600	149	0	0	0	0.00	2.55	0
CO21320	CO21241	5.78	4 1-	4ACSR	0	0	766	158	20	2	2	0.01	2.28	0
CO23744	CO21320	5.87	2 1-	4ACSR	0	0	748	157	14	1	1	0.01	2.29	0
CO21846	CO23744	5.92	1 1-	2ACSR	0	0	740	156	13	1	1	0.00	2.29	0
CO21844	CO21841	5.59	4 1-	4ACSR	0	0	791	158	37	5	4	0.01	2.27	0
CO21845	CO21844	5.66	2 1-	4ACSR	0	0	776	158	17	2	2	0.00	2.27	0
CO1361525627	CO21845	5.71	1 1-	4ACSR	0	0	763	157	7	0	1	0.00	2.27	0
CO21633	CO21836	5.22	1 1-	4ACSR	0	0	880	162	16	2	2	0.00	2.02	0
CO21834	CO21836	5.21	15 3-	1/0ACSR	1217	1134	886	162	43	1	1	0.00	2.02	0
CO21835	CO21834	5.26	14 3-	1/0ACSR	1204	1123	877	162	39	1	1	0.00	2.03	0
CO21833	CO21835	5.32	11 3-	1/0ACSR	1191	1111	866	162	37	1	1	0.00	2.03	0
CO21831	CO21833	5.36	11 3-	1/0ACSR	1182	1103	860	161	37	1	1	0.00	2.03	0
CO21832	CO21831	5.39	11 3-	1/0ACSR	1175	1097	855	161	37	1	1	0.00	2.03	0
CO21830	CO21832	5.44	6 3-	1/0ACSR	1165	1087	847	161	24	1	0	0.00	2.03	0
CO21829	CO21830	5.46	3 3-	1/0ACSR	1158	1081	842	161	13	0	0	0.00	2.03	0
CO21828	CO21829	5.49	2 3-	1/0ACSR	1154	1077	839	161	12	0	0	0.00	2.03	0
CO21827	CO21828	5.50	0 3-	1/0ACSR	1150	1074	836	161	0	0	0	0.00	2.03	0
CO21932	CO21827	5.51	0 3-	1/0ACSR	1148	1072	835	161	0	0	0	0.00	2.03	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
#SW657-B	CO21932	5.51	0 3-	Open	1148	1072	835	161	0	0	0	0.00	2.03	0
CO21849	CO21855	5.03	5 1-	4ACSR	0	0	918	163	30	4	3	0.00	1.97	0
CO21850	CO21849	5.07	3 1-	4ACSR	0	0	906	162	26	3	2	0.01	1.97	0
CO21851	CO21850	5.14	2 1-	4ACSR	0	0	886	162	17	2	2	0.01	1.98	0
CO21852	CO21851	5.20	1 1-	4ACSR	0	0	871	161	9	1	1	0.00	1.98	0
CO21853	CO21852	5.31	1 1-	4ACSR	0	0	844	160	9	1	1	0.00	1.99	0
CO21865	CO21855	5.04	48 3-	1/0ACSR	1260	1174	919	163	180	8	4	0.01	1.97	0
CO21866	CO21865	5.10	47 3-	1/0ACSR	1244	1159	906	163	178	8	4	0.01	1.98	2
CO21625	CO21866	5.15	2 1-	4ACSR	0	0	892	162	7	0	1	0.00	1.98	0
CO21867	CO21866	5.16	43 3-	1/0ACSR	1229	1145	895	162	168	7	3	0.01	1.99	0
CO21868	CO21867	5.22	42 3-	1/0ACSR	1215	1133	885	162	164	7	3	0.01	1.99	0
CO21876	CO21868	5.25	29 3-	1/0ACSR	1207	1126	879	162	106	4	2	0.00	1.99	0
CO21877	CO21876	5.33	19 3-	1/0ACSR	1188	1109	865	162	80	3	2	0.00	2.00	0
CO21878	CO21877	5.37	17 3-	1/0ACSR	1180	1101	859	161	70	3	1	0.00	2.00	0
CO21879	CO21878	5.39	12 3-	1/0ACSR	1174	1096	854	161	38	1	1	0.00	2.00	0
CO22058	CO21879	5.45	12 1-	2ACSR	0	0	844	161	38	5	3	0.01	2.01	0
CO22135	CO22058	5.50	8 1-	2ACSR	0	0	832	161	19	2	1	0.00	2.01	0
CO22134	CO22058	5.47	3 1-	2ACSR	0	0	840	161	14	1	1	0.00	2.01	0
CO22059	CO22134	5.50	2 1-	2ACSR	0	0	833	161	9	1	1	0.00	2.01	0
CO21869	CO21868	5.26	12 1-	4ACSR	0	0	875	162	52	7	5	0.01	2.00	0
CO21871	CO21869	5.30	5 1-	2ACSR	0	0	866	161	18	2	1	0.00	2.00	0
CO21872	CO21871	5.39	3 1-	2ACSR	0	0	848	161	10	1	1	0.00	2.01	0
CO21870	CO21869	5.30	6 1-	4ACSR	0	0	865	161	14	1	1	0.00	2.01	0
CO21595	CO21870	5.35	4 1-	4ACSR	0	0	850	161	12	1	1	0.00	2.01	0
CO21875	CO21595	5.40	4 1-	4ACSR	0	0	838	160	12	1	1	0.00	2.01	0
CO23742	CO21875	5.60	2 1-	4ACSR	0	0	792	158	4	0	0	0.00	2.02	0
CO21309	CO23742	5.67	2 1-	4ACSR	0	0	777	158	4	0	0	0.00	2.02	0
CO21341	CO21309	5.75	1 1-	1/0PRIURD	0	0	767	334	1	0	0	0.00	2.02	0
CO21873	CO21595	5.43	0 1-	4ACSR	0	0	832	160	0	0	0	0.00	2.01	0
CO21874	CO21873	5.47	0 1-	4ACSR	0	0	823	160	0	0	0	0.00	2.01	0
CO21626	CO21870	5.31	2 1-	4ACSR	0	0	861	161	3	0	0	0.00	2.01	0
CO21856	CO21864	4.86	11 1-	6ACWC	0	0	953	164	90	12	9	0.01	1.89	0
CO21858	CO21856	4.97	7 1-	4ACSR	0	0	921	163	48	6	5	0.02	1.91	0
CO21859	CO21858	5.02	2 1-	4ACSR	0	0	908	162	17	2	2	0.00	1.92	0
CO21624	CO21858	5.02	2 1-	4ACSR	0	0	908	162	11	1	1	0.00	1.92	0
CO21857	CO21856	5.03	4 1-	6ACWC	0	0	904	162	41	5	4	0.04	1.93	3
CO21631	CO21857	5.09	0 1-	4ACSR	0	0	888	162	0	0	0	0.00	1.93	0
CO21860	CO21857	5.10	3 1-	4ACSR	0	0	884	161	37	5	4	0.02	1.95	0
CO21862	CO21860	5.15	2 1-	4ACSR	0	0	872	161	31	4	3	0.01	1.95	0
CO21863	CO21862	5.20	1 1-	4ACSR	0	0	859	160	16	2	2	0.00	1.95	0
CO21861	CO21860	5.18	1 1-	4ACSR	0	0	864	161	6	0	1	0.00	1.95	0
CO22128	CO21971	4.54	23 1-	6HDCU	0	0	999	164	91	12	9	0.05	1.77	7
CO22253	CO22128	4.59	18 1-	6HDCU	0	0	984	164	79	10	8	0.02	1.79	0
CO23851	CO22253	4.62	15 1-	6HDCU	0	0	974	163	59	7	6	0.01	1.80	0
CO23852	CO23851	4.64	11 1-	6HDCU	0	0	969	163	54	7	6	0.01	1.80	0
CO21880	CO23852	4.66	11 1-	6HDCU	0	0	961	163	54	7	6	0.01	1.81	0
CO21881	CO21880	4.68	9 1-	6HDCU	0	0	954	163	44	5	5	0.00	1.81	0
CO21882	CO21881	4.71	7 1-	6HDCU	0	0	945	163	36	4	4	0.01	1.82	0
CO21883	CO21882	4.75	5 1-	6HDCU	0	0	934	162	25	3	3	0.00	1.82	0
CO21884	CO21883	4.79	1 1-	6HDCU	0	0	923	162	13	1	1	0.00	1.83	0
CO22244	CO22542	4.26	6 1-	4ACSR	0	0	1066	166	17	2	2	0.00	1.62	0
CO22245	CO22244	4.28	3 1-	4ACSR	0	0	1058	165	11	1	1	0.00	1.62	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22246	CO22245	4.31	2 1-	4ACSR	0	0	1046	165	8	1	1	0.00	1.62	0
CO22269	CO22542	4.27	8 1-	4ACSR	0	0	1063	166	33	4	3	0.01	1.62	0
CO22270	CO22269	4.30	6 1-	4ACSR	0	0	1051	165	31	4	3	0.00	1.63	0
CO22267	CO22270	4.32	3 1-	4ACSR	0	0	1044	165	15	2	1	0.00	1.63	0
CO22268	CO22267	4.39	2 1-	4ACSR	0	0	1019	164	13	1	1	0.00	1.63	0
CO22291	CO22237	4.25	50 2-	4ACSR	0	1342	1061	165	202	13	10	0.04	1.63	13
CO22292	CO22291	4.27	47 2-	4ACSR	0	1331	1052	165	196	13	9	0.01	1.64	4
CO22127	CO22292	4.33	3 1-	4ACSR	0	0	1029	165	7	0	1	0.00	1.64	0
CO22126	CO22127	4.38	1 1-	4ACSR	0	0	1014	164	4	0	0	0.00	1.64	0
CO22233	CO22292	4.32	44 2-	4ACSR	0	1310	1035	165	189	12	9	0.02	1.67	8
CO22234	CO22233	4.34	42 2-	4ACSR	0	1300	1027	164	183	12	9	0.01	1.68	3
CO22283	CO22234	4.37	14 2-	6HDCU	0	1286	1015	164	71	4	4	0.01	1.68	0
CO22284	CO22283	4.41	13 2-	6HDCU	0	1269	1001	164	58	3	3	0.01	1.69	0
CO22252	CO22284	4.45	10 2-	6HDCU	0	1252	988	163	52	3	3	0.01	1.69	0
CO22249	CO22252	4.49	10 2-	6HDCU	0	1238	976	163	52	3	3	0.01	1.70	0
CO22250	CO22249	4.54	8 2-	6HDCU	0	1217	959	162	49	3	3	0.01	1.71	0
CO22455	CO22250	4.56	4 2-	6HDCU	0	1210	953	162	32	2	2	0.00	1.71	0
CO22541	CO22455	4.60	1 2-	6HDCU	0	1195	941	162	1	0	0	0.00	1.71	0
CO22227	CO22234	4.38	27 2-	6HDCU	0	1282	1011	164	103	6	5	0.01	1.69	0
CO22228	CO22227	4.50	23 2-	6HDCU	0	1235	974	163	93	6	5	0.03	1.72	4
CO22085	CO22228	4.52	19 2-	6HDCU	0	1224	964	163	77	5	4	0.01	1.72	0
CO22229	CO22085	4.58	17 2-	6HDCU	0	1201	946	162	69	4	4	0.01	1.73	0
CO22230	CO22229	4.62	13 2-	6HDCU	0	1185	933	162	57	3	3	0.01	1.74	0
CO22130	CO22230	4.66	2 1-	4ACSR	0	0	922	161	11	1	1	0.00	1.74	0
CO22129	CO22130	4.72	1 1-	4ACSR	0	0	905	161	10	1	1	0.00	1.74	0
CO22231	CO22230	4.64	9 2-	6HDCU	0	1178	928	161	39	2	2	0.00	1.74	0
CO22232	CO22231	4.72	6 2-	6HDCU	0	1151	906	161	24	1	1	0.00	1.74	0
CO22223	CO22232	4.75	5 2-	6HDCU	0	1139	897	160	20	1	1	0.00	1.75	0
CO22222	CO22223	4.80	2 2-	6HDCU	0	1122	883	160	6	0	0	0.00	1.75	0
CO22510	CO22222	4.83	0 2-	6HDCU	0	1111	875	160	0	0	0	0.00	1.75	0
SW681-B	CO22510	4.83	0 2-	Open	0	1111	875	160	0	0	0	0.00	1.75	0
CO22027	CO22228	4.53	1 1-	4ACSR	0	0	962	163	4	0	0	0.00	1.72	0
CO22263	CO22237	4.19	84 1-	4ACSR	0	0	1082	166	350	47	34	0.03	1.62	16
CO22264	CO22263	4.24	81 1-	4ACSR	0	0	1065	165	341	46	33	0.09	1.71	49
CO22257	CO22264	4.27	19 1-	4ACSR	0	0	1052	165	65	8	6	0.01	1.72	0
CO22258	CO22257	4.29	17 1-	4ACSR	0	0	1044	165	60	8	6	0.01	1.73	0
CO22117	CO22258	4.33	9 1-	4ACSR	0	0	1030	165	31	4	3	0.01	1.73	0
CO22261	CO22117	4.34	6 1-	4ACSR	0	0	1026	164	23	3	2	0.00	1.73	0
CO22262	CO22261	4.36	4 1-	4ACSR	0	0	1019	164	10	1	1	0.00	1.73	0
CO22255	CO22258	4.32	6 1-	4ACSR	0	0	1034	165	20	2	2	0.00	1.73	0
CO22256	CO22255	4.35	5 1-	4ACSR	0	0	1023	164	18	2	2	0.00	1.73	0
CO22116	CO22256	4.38	1 1-	4ACSR	0	0	1012	164	8	1	1	0.00	1.73	0
CO22259	CO22264	4.27	60 1-	4ACSR	0	0	1052	165	270	36	26	0.05	1.76	24
CO22260	CO22259	4.35	58 1-	4ACSR	0	0	1023	164	260	35	25	0.12	1.88	52
CO21968	CO22260	4.44	54 1-	4ACSR	0	0	993	163	239	32	23	0.12	2.00	45
CO21969	CO21968	4.50	37 1-	4ACSR	0	0	971	163	157	21	15	0.06	2.07	16
CO22494	CO21969	4.51	34 1-	4ACSR	0	0	969	163	140	19	14	0.01	2.07	0
OC660	CO22494	4.51	34 1-	50 H OCR	0	0	969	163	140	19	38	0.00	2.07	0
CO22495	OC660	4.61	34 1-	4ACSR	0	0	938	162	140	19	14	0.08	2.15	18
CO23732	CO22495	4.65	1 1-	4/0ACSR	0	0	930	162	0	0	0	0.00	2.15	0
CO23731	CO22495	4.69	32 1-	4ACSR	0	0	912	161	127	17	12	0.07	2.22	14
CO23730	CO23731	4.73	2 1-	4ACSR	0	0	901	161	4	0	0	0.00	2.22	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21590	CO23731	4.77	29 1-	4ACSR	0	0	889	160	116	15	11	0.06	2.27	11
CO21916	CO21590	5.04	26 1-	4ACSR	0	0	819	158	91	12	9	0.15	2.42	22
CO21917	CO21916	5.09	26 1-	4ACSR	0	0	805	157	91	12	9	0.03	2.45	5
CO21616	CO21917	5.15	2 1-	4ACSR	0	0	791	157	4	0	0	0.00	2.45	0
CO21914	CO21917	5.12	22 1-	4ACSR	0	0	800	157	81	11	8	0.01	2.46	0
CO21915	CO21914	5.20	22 1-	4ACSR	0	0	780	156	81	11	8	0.04	2.51	6
CO21591	CO21915	5.30	21 1-	4ACSR	0	0	759	155	77	10	8	0.04	2.55	5
CO21910	CO21591	5.37	4 1-	4ACSR	0	0	745	155	19	2	2	0.01	2.56	0
CO21912	CO21910	5.50	4 1-	4ACSR	0	0	719	154	19	2	2	0.01	2.57	0
CO21618	CO21912	5.56	1 1-	4ACSR	0	0	707	153	10	1	1	0.00	2.57	0
CO21913	CO21912	5.51	3 1-	4ACSR	0	0	716	153	9	1	1	0.00	2.57	0
CO21911	CO21913	5.53	2 1-	4ACSR	0	0	713	153	7	1	1	0.00	2.57	0
CO21908	CO21591	5.33	14 1-	4ACSR	0	0	753	155	51	7	5	0.01	2.56	0
CO21909	CO21908	5.35	14 1-	4ACSR	0	0	749	155	51	7	5	0.01	2.56	0
CO21906	CO21909	5.38	3 1-	4ACSR	0	0	742	155	15	2	1	0.00	2.57	0
CO21907	CO21906	5.42	3 1-	4ACSR	0	0	734	154	15	2	1	0.00	2.57	0
CO21904	CO21909	5.39	11 1-	4ACSR	0	0	741	155	37	5	4	0.01	2.57	0
CO21905	CO21904	5.40	10 1-	4ACSR	0	0	738	154	35	4	3	0.00	2.58	0
CO21903	CO21905	5.65	10 1-	4ACSR	0	0	691	152	35	4	3	0.05	2.63	3
CO21901	CO21903	5.74	7 1-	4ACSR	0	0	676	151	34	4	3	0.02	2.65	0
CO21902	CO21901	5.84	7 1-	4ACSR	0	0	658	151	34	4	3	0.02	2.67	0
CO21592	CO21902	6.03	6 1-	4ACSR	0	0	629	149	32	4	3	0.03	2.70	0
CO21593	CO21592	6.14	4 1-	4ACSR	0	0	613	148	12	1	1	0.01	2.71	0
CO21897	CO21593	6.27	2 1-	4ACSR	0	0	594	147	6	0	1	0.00	2.71	0
CO21898	CO21897	6.35	2 1-	4ACSR	0	0	584	146	6	0	1	0.00	2.72	0
CO21899	CO21898	6.40	2 1-	4ACSR	0	0	578	146	6	0	1	0.00	2.72	0
CO21623	CO21899	6.46	1 1-	4ACSR	0	0	571	146	0	0	0	0.00	2.72	0
CO21900	CO21899	6.42	1 1-	4ACSR	0	0	575	146	6	0	1	0.00	2.72	0
CO21895	CO21593	6.27	2 1-	2ACSR	0	0	599	147	6	0	0	0.00	2.71	0
CO21896	CO21895	6.31	1 1-	2ACSR	0	0	594	147	4	0	0	0.00	2.71	0
CO21893	CO21593	6.19	0 1-	4/0ACSR	0	0	610	148	0	0	0	0.00	2.71	0
CO21894	CO21893	6.24	0 1-	4/0ACSR	0	0	607	148	0	0	0	0.00	2.71	0
CO21622	CO21592	6.11	1 1-	4ACSR	0	0	618	148	12	1	1	0.00	2.70	0
CO21621	CO21902	5.93	1 1-	4ACSR	0	0	643	150	1	0	0	0.00	2.67	0
CO21620	CO21903	5.71	2 1-	4ACSR	0	0	681	152	1	0	0	0.00	2.63	0
CO21619	CO21903	5.69	1 1-	4ACSR	0	0	684	152	1	0	0	0.00	2.63	0
CO21617	CO21915	5.24	1 1-	4ACSR	0	0	772	156	4	0	0	0.00	2.51	0
CO21918	CO21917	5.18	2 1-	4ACSR	0	0	785	156	6	0	1	0.00	2.45	0
CO21919	CO21918	5.29	1 1-	4ACSR	0	0	761	155	3	0	0	0.00	2.46	0
CO21615	CO21590	4.85	3 1-	4ACSR	0	0	868	160	24	3	2	0.01	2.28	0
CO21636	CO21615	4.87	2 1-	4ACSR	0	0	861	159	24	3	2	0.00	2.29	0
CO1003891726	CO21636	4.93	1 1-	4ACSR	0	0	846	159	12	1	1	0.00	2.29	0
CO21614	CO23731	4.86	1 1-	4ACSR	0	0	864	159	7	0	1	0.00	2.22	0
CO22121	CO21969	4.65	3 1-	4ACSR	0	0	924	161	17	2	2	0.01	2.07	0
CO22266	CO22121	4.82	1 1-	4ACSR	0	0	875	160	2	0	0	0.00	2.08	0
CO22035	CO21968	4.46	1 1-	4ACSR	0	0	984	163	11	1	1	0.00	2.00	0
CO22120	CO21968	4.51	11 1-	4ACSR	0	0	968	163	51	6	5	0.02	2.02	0
CO22413	CO22120	4.55	1 1-	4ACSR	0	0	956	162	2	0	0	0.00	2.02	0
CO22412	CO22413	4.59	1 1-	4ACSR	0	0	944	162	2	0	0	0.00	2.02	0
CO22265	CO22120	4.57	6 1-	4ACSR	0	0	948	162	37	5	4	0.01	2.03	0
CO22460	CO22265	4.59	3 1-	4ACSR	0	0	944	162	18	2	2	0.00	2.04	0
CO22459	CO22460	4.62	3 1-	4ACSR	0	0	932	162	18	2	2	0.00	2.04	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22498	CO22260	4.36	1 1-	4ACSR	0	0	1021	164	9	1	1	0.00	1.88	0
CO22499	CO22498	4.41	1 1-	4ACSR	0	0	1001	164	9	1	1	0.00	1.89	0
CO22430	CO22499	4.62	0 1-	4ACSR	0	0	935	162	0	0	0	0.00	1.89	0
SW1917994366-B	CO22430	4.62	0 1-	Closed	0	0	935	162	0	0	0	0.00	1.89	0
SW1917994366-A	SW1917994366-B	4.62	0 1-	Closed	0	0	935	162	0	0	0	0.00	1.89	0
CO22429	SW1917994366-A	4.65	0 1-	4ACSR	0	0	923	161	0	0	0	0.00	1.89	0
CO22431	CO22429	4.75	0 1-	4ACSR	0	0	896	160	0	0	0	0.00	1.89	0
CO22288	CO22431	4.85	0 1-	4ACSR	0	0	867	159	0	0	0	0.00	1.89	0
CO22467	CO22288	4.88	0 1-	4ACSR	0	0	859	159	0	0	0	0.00	1.89	0
CO22466	CO22467	4.94	0 1-	4ACSR	0	0	844	159	0	0	0	0.00	1.89	0
CO22462	CO22466	4.97	0 1-	4ACSR	0	0	835	158	0	0	0	0.00	1.89	0
SW1131714329-B	CO22462	4.97	0 1-	Open	0	0	835	158	0	0	0	0.00	1.89	0
CO22034	CO22260	4.43	1 1-	4ACSR	0	0	996	164	5	0	1	0.00	1.89	0
CO22025	CO22219	3.72	5 1-	4ACSR	0	0	1189	167	29	3	3	0.01	1.18	0
CO-1880662507	CO22025	3.77	1 1-	2ACSR	0	0	1169	167	10	1	1	0.00	1.18	0
CO22407	CO21961	3.53	222 3-	1/0ACSR	1670	1553	1244	168	1607	71	31	0.12	1.06	340
CO22406	CO22407	3.54	221 3-	1/0ACSR	1666	1549	1241	168	1602	71	31	0.01	1.07	24
CO22087	CO22406	3.57	220 3-	2ACSR	1651	1536	1229	168	1515	67	37	0.04	1.11	118
CO22451	CO22087	3.60	220 3-	2ACSR	1633	1520	1215	168	1514	67	37	0.05	1.17	139
OC1883089213	CO22451	3.60	220 3-	100 L OCR	1633	1520	1215	168	1513	67	67	0.00	1.17	0
CO22450	OC1883089213	3.64	220 3-	2ACSR	1614	1504	1201	167	1513	67	37	0.05	1.22	148
OC1758888866	CO22450	3.64	219 3-	100 L OCR	1614	1504	1201	167	1507	67	67	0.00	1.22	0
CO22308	OC1758888866	3.67	219 3-	2ACSR	1596	1488	1187	167	1507	67	37	0.05	1.28	147
CO22309	CO22308	3.69	219 3-	2ACSR	1585	1478	1179	167	1506	67	37	0.03	1.31	84
CO22224	CO22309	3.75	216 3-	2ACSR	1558	1454	1158	167	1496	66	37	0.08	1.39	224
CO22330	CO22224	3.90	212 3-	1/0ACSR	1500	1401	1113	166	1487	66	29	0.14	1.53	383
CO22115	CO22330	3.93	2 1-	4ACSR	0	0	1099	165	6	0	1	0.00	1.53	0
CO22114	CO22115	3.97	1 1-	4ACSR	0	0	1084	165	4	0	0	0.00	1.53	0
CO22026	CO22330	3.97	1 1-	4ACSR	0	0	1086	165	1	0	0	0.00	1.53	0
CO22331	CO22330	3.97	209 3-	1/0ACSR	1475	1379	1094	165	1478	66	29	0.06	1.60	171
CO22349	CO22331	3.98	208 3-	1/0ACSR	1470	1374	1090	165	1471	65	29	0.01	1.61	35
CO22220	CO22349	4.02	2 3-	1/0ACSR	1456	1361	1079	165	56	2	1	0.00	1.61	0
CO22221	CO22220	4.05	1 3-	1/0ACSR	1445	1352	1071	165	35	1	1	0.00	1.61	0
CO22477	CO22349	4.06	206 3-	1/0ACSR	1444	1351	1070	165	1415	63	28	0.06	1.67	169
CO22476	CO22477	4.11	205 3-	1/0ACSR	1425	1333	1055	165	1414	63	28	0.05	1.72	128
CO22478	CO22476	4.20	205 3-	1/0ACSR	1397	1308	1034	164	1413	63	28	0.07	1.80	196
CO22475	CO22478	4.26	205 3-	1/0ACSR	1378	1290	1019	164	1412	63	28	0.05	1.85	137
CO22479	CO22475	4.37	205 3-	1/0ACSR	1342	1257	992	164	1412	63	28	0.10	1.95	270
CO22521	CO22479	4.44	205 3-	1/0ACSR	1324	1241	978	163	1410	63	28	0.05	2.00	142
CO22520	CO22521	4.44	205 3-	1/0ACSR	1323	1240	977	163	1410	63	28	0.00	2.01	11
CO23741	CO22520	4.49	174 3-	1/0ACSR	1308	1226	965	163	1170	52	23	0.04	2.04	84
CO21370	CO23741	4.51	174 3-	1/0ACSR	1301	1220	960	163	1170	52	23	0.02	2.06	35
CO1906815099	CO21370	4.68	1 3-	2ACSR	1247	1172	920	162	0	0	0	0.00	2.06	0
CO23740	CO21370	4.56	2 3-	4ACSR	1279	1201	945	162	17	0	1	0.00	2.06	0
CO23739	CO23740	4.60	1 1-	4ACSR	0	0	934	162	13	1	1	0.00	2.06	0
CO21454	CO21370	4.62	170 3-	1/0ACSR	1274	1194	939	162	1150	51	23	0.07	2.13	155
CO21453	CO21454	4.63	169 3-	1/0ACSR	1270	1191	936	162	1136	51	22	0.01	2.14	22
CO21451	CO21453	4.73	167 3-	1/0ACSR	1242	1166	915	162	1130	51	22	0.07	2.21	154
CO21452	CO21451	4.78	166 3-	1/0ACSR	1231	1155	907	162	1118	50	22	0.03	2.24	66
CO21456	CO21452	4.83	15 3-	4ACSR	1209	1136	891	161	161	7	5	0.01	2.25	4
CO21455	CO21456	4.89	13 3-	4ACSR	1187	1118	876	161	136	6	4	0.01	2.26	3
CO21458	CO21455	4.94	11 3-	4ACSR	1167	1101	862	160	110	4	4	0.01	2.27	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21457	CO21458	4.98	10 3-	4ACSR	1152	1087	851	160	100	4	3	0.01	2.28	0
CO23738	CO21457	5.05	10 3-	4ACSR	1127	1066	834	159	100	4	3	0.01	2.29	0
CO22334	CO23738	5.06	6 1-	4ACSR	0	0	831	159	66	9	6	0.00	2.30	0
CO-68907558	CO22334	5.09	1 1-	2ACSR	0	0	826	159	19	2	1	0.00	2.30	0
CO-1591963750	CO-68907558	5.14	1 1-	2ACSR	0	0	816	158	19	2	1	0.00	2.30	0
CO22335	CO22334	5.10	1 1-	4ACSR	0	0	821	159	18	2	2	0.00	2.30	0
CO22125	CO22334	5.20	4 1-	4ACSR	0	0	799	158	30	4	3	0.02	2.32	0
CO22039	CO22125	5.27	1 1-	4ACSR	0	0	783	157	10	1	1	0.00	2.32	0
CO22225	CO22125	5.21	2 1-	4ACSR	0	0	796	158	12	1	1	0.00	2.32	0
CO22226	CO22225	5.25	1 1-	4ACSR	0	0	788	157	12	1	1	0.00	2.32	0
CO22336	CO23738	5.13	4 3-	4ACSR	1101	1044	816	158	34	1	1	0.00	2.30	0
CO22483	CO22336	5.16	3 3-	4ACSR	1090	1033	808	158	32	1	1	0.00	2.30	0
CO22417	CO22483	5.21	2 1-	2ACSR	0	0	798	158	9	1	1	0.00	2.30	0
CO22416	CO22417	5.40	2 1-	2ACSR	0	0	766	157	9	1	1	0.01	2.31	0
CO22418	CO22416	5.45	2 1-	2ACSR	0	0	757	156	9	1	1	0.00	2.31	0
CO22537	CO22483	5.22	1 3-	4ACSR	1068	1014	793	157	23	1	1	0.00	2.30	0
CO21401	CO21455	4.94	1 1-	4ACSR	0	0	864	160	14	1	1	0.00	2.26	0
CO21574	CO21452	4.79	151 3-	1/0ACSR	1229	1154	905	162	957	43	19	0.00	2.24	7
CO-432672873	CO21574	4.86	151 3-	2ACSR	1207	1134	889	161	957	43	24	0.06	2.30	123
CO21402	CO-432672873	4.91	6 1-	4ACSR	0	0	874	161	23	3	2	0.00	2.31	0
CO-1662235658	CO-432672873	4.91	145 3-	2ACSR	1193	1121	879	161	933	42	24	0.04	2.35	80
CO21459	CO-1662235658	4.96	145 3-	1/0ACSR	1180	1109	869	161	933	42	19	0.03	2.37	57
CO463622821	CO21459	4.98	1 1-	2ACSR	0	0	865	161	1	0	0	0.00	2.37	0
CO1636174070	CO463622821	5.01	1 1-	2ACSR	0	0	858	160	1	0	0	0.00	2.37	0
CO21535	CO1636174070	5.07	1 1-	4ACSR	0	0	843	160	1	0	0	0.00	2.37	0
CO21461	CO21459	5.01	139 3-	1/0ACSR	1167	1098	859	160	908	41	18	0.03	2.40	51
CO21460	CO21461	5.14	136 3-	1/0ACSR	1139	1072	838	160	891	40	18	0.06	2.46	121
CO21371	CO21460	5.22	132 3-	1/0ACSR	1123	1056	826	159	881	40	18	0.04	2.50	72
CO21411	CO21371	5.25	7 1-	2ACSR	0	0	819	159	61	8	5	0.01	2.50	0
CO21567	CO21411	5.29	7 1-	1/0PRIURD	0	0	813	342	61	8	5	0.01	2.51	0
CO21417	CO21567	5.35	7 1-	1/0PRIURD	0	0	805	341	61	8	5	0.01	2.52	0
CO21416	CO21417	5.46	7 1-	1/0PRIURD	0	0	790	338	61	8	5	0.02	2.54	0
CO21581	CO21416	5.64	5 1-	1/0PRIURD	0	0	766	334	41	5	4	0.02	2.55	0
CO21580	CO21581	5.64	3 1-	1/0PRIURD	0	0	766	334	24	3	2	0.00	2.55	0
CO21543	CO21580	5.71	2 1-	4ACSR	0	0	751	157	18	2	2	0.00	2.56	0
CO21545	CO21580	5.66	1 1-	4ACSR	0	0	762	157	6	0	1	0.00	2.55	0
CO21544	CO21545	5.67	1 1-	4ACSR	0	0	759	157	6	0	1	0.00	2.55	0
CO21541	CO21544	5.75	0 1-	4ACSR	0	0	744	157	0	0	0	0.00	2.55	0
CO21568	CO21567	5.31	0 1-	1/0PRIURD	0	0	811	342	0	0	0	0.00	2.51	0
CO21472	CO21371	5.52	3 1-	6HDCU	0	0	759	157	9	1	1	0.02	2.51	0
CO21471	CO21472	5.58	3 1-	6HDCU	0	0	747	156	9	1	1	0.00	2.51	0
CO21538	CO21471	5.70	1 1-	4ACSR	0	0	725	155	0	0	0	0.00	2.51	0
CO21537	CO21538	5.79	1 1-	4ACSR	0	0	707	154	0	0	0	0.00	2.51	0
CO21473	CO21471	5.87	2 1-	6HDCU	0	0	693	154	8	1	1	0.01	2.53	0
CO21475	CO21473	5.99	2 1-	6HDCU	0	0	674	153	8	1	1	0.00	2.53	0
CO21474	CO21475	6.03	1 1-	6HDCU	0	0	666	152	2	0	0	0.00	2.53	0
CO21470	CO21371	5.27	121 3-	1/0ACSR	1112	1046	817	159	799	36	16	0.02	2.52	39
CO21469	CO21470	5.31	119 3-	1/0ACSR	1103	1039	811	159	767	35	15	0.02	2.53	30
CO21464	CO21469	5.38	118 3-	1/0ACSR	1091	1027	801	159	753	35	15	0.02	2.55	43
CO21463	CO21464	5.43	115 3-	1/0ACSR	1080	1017	793	158	732	34	15	0.02	2.57	37
CO21465	CO21463	5.49	113 3-	1/0ACSR	1069	1007	785	158	723	33	15	0.02	2.59	36
CO21462	CO21465	5.54	111 3-	1/0ACSR	1059	997	777	158	702	32	14	0.02	2.61	33

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21466	CO21462	5.58	110 3-	1/0ACSR	1052	991	772	158	693	32	14	0.01	2.62	23
CO21546	CO21466	5.63	2 1-	4ACSR	0	0	762	157	16	2	2	0.00	2.63	0
CO21542	CO21546	5.68	1 1-	4ACSR	0	0	752	157	8	1	1	0.00	2.63	0
CO21468	CO21466	5.68	108 3-	1/0ACSR	1032	973	757	157	676	31	14	0.03	2.66	61
CO21467	CO21468	5.81	104 3-	1/0ACSR	1009	952	740	157	664	31	14	0.04	2.70	74
CO21372	CO21467	5.92	103 3-	1/0ACSR	991	935	726	156	655	31	14	0.03	2.73	61
NEWCAP-E59CB512	CO21372	5.92	0 3-	Capacitor	991	935	726	156	0	-14	0	0.00	2.73	0
CO21480	CO21372	5.98	87 3-	1/0ACSR	982	927	720	156	557	25	11	0.02	2.75	19
CO21479	CO21480	6.00	86 3-	1/0ACSR	979	923	717	156	544	24	11	0.01	2.76	7
CO21379	CO21479	6.03	29 1-	4ACSR	0	0	711	156	255	34	25	0.05	2.81	22
CO21408	CO21379	6.06	1 1-	2ACSR	0	0	708	156	10	1	1	0.00	2.81	0
CO21511	CO21379	6.04	28 1-	4ACSR	0	0	710	156	245	33	24	0.01	2.83	6
OC1594843032	CO21511	6.04	27 1-	50 L OCR	0	0	710	156	245	33	0	0.00	2.83	0
CO21503	OC1594843032	6.06	27 1-	4ACSR	0	0	706	155	245	33	24	0.03	2.85	10
CO21499	CO21503	6.09	26 1-	4ACSR	0	0	700	155	233	31	23	0.05	2.90	18
CO21498	CO21499	6.12	25 1-	4ACSR	0	0	695	155	221	30	22	0.04	2.94	14
CO21502	CO21498	6.16	21 1-	4ACSR	0	0	690	155	193	26	19	0.03	2.97	10
CO21500	CO21502	6.19	17 1-	4ACSR	0	0	685	154	164	22	16	0.03	3.00	7
CO21501	CO21500	6.21	13 1-	4ACSR	0	0	681	154	131	17	13	0.02	3.02	4
CO958508272	CO21501	6.30	1 1-	2ACSR	0	0	669	154	7	0	1	0.00	3.02	0
CO21506	CO21501	6.24	11 1-	4ACSR	0	0	675	154	115	15	11	0.02	3.04	4
CO21507	CO21506	6.27	10 1-	4ACSR	0	0	670	154	103	14	10	0.02	3.06	3
CO21407	CO21507	6.30	2 1-	2ACSR	0	0	667	153	20	2	2	0.00	3.06	0
CO21561	CO21507	6.29	3 1-	2ACSR	0	0	668	153	36	4	3	0.00	3.06	0
CO21560	CO21561	6.30	1 1-	2ACSR	0	0	666	153	16	2	1	0.00	3.06	0
CO21562	CO21560	6.33	1 1-	2ACSR	0	0	663	153	16	2	1	0.00	3.06	0
CO21510	CO21507	6.29	5 1-	4ACSR	0	0	667	153	47	6	5	0.00	3.06	0
CO21509	CO21510	6.33	3 1-	4ACSR	0	0	662	153	28	3	3	0.00	3.07	0
CO21508	CO21509	6.34	1 1-	4ACSR	0	0	659	153	10	1	1	0.00	3.07	0
CO21504	CO21508	6.36	1 1-	4ACSR	0	0	657	153	10	1	1	0.00	3.07	0
CO21505	CO21504	6.40	0 1-	4ACSR	0	0	650	152	0	0	0	0.00	3.07	0
CO21486	CO21479	6.02	52 3-	1/0ACSR	976	920	715	156	271	12	5	0.00	2.77	0
CO21481	CO21486	6.04	52 3-	1/0ACSR	972	917	712	156	271	12	5	0.01	2.77	2
CO21484	CO21481	6.05	52 3-	1/0ACSR	970	915	711	156	271	12	5	0.00	2.77	0
CO21483	CO21484	6.08	52 3-	1/0ACSR	966	912	708	156	271	12	5	0.01	2.78	2
CO21485	CO21483	6.14	52 3-	1/0ACSR	957	903	701	155	271	12	5	0.01	2.79	5
CO21482	CO21485	6.19	51 3-	1/0ACSR	948	895	695	155	262	11	5	0.01	2.80	5
CO21406	CO21482	6.38	2 1-	4ACSR	0	0	663	153	2	0	0	0.00	2.80	0
CO21488	CO21482	6.26	49 3-	1/0ACSR	938	886	687	155	260	11	5	0.01	2.81	5
CO21487	CO21488	6.33	49 3-	1/0ACSR	929	877	680	155	260	11	5	0.01	2.83	5
CO30656	CO21487	6.40	42 3-	1/0ACSR	919	867	672	154	231	10	5	0.01	2.84	4
CO21489	CO30656	6.59	41 3-	1/0ACSR	892	842	652	153	218	9	4	0.03	2.87	11
CO21490	CO21489	6.61	41 3-	1/0ACSR	889	840	650	153	218	9	4	0.00	2.88	0
CO21354	CO21490	6.67	41 3-	1/0ACSR	882	833	645	153	218	9	4	0.01	2.88	3
CO21532	CO21354	6.74	6 1-	4ACSR	0	0	635	152	34	4	3	0.01	2.90	0
CO21533	CO21532	6.80	4 1-	4ACSR	0	0	626	152	27	3	3	0.01	2.91	0
CO21583	CO21533	6.85	3 1-	4ACSR	0	0	618	151	16	2	2	0.00	2.91	0
CO21419	CO21354	6.74	33 3-	1/0ACSR	872	824	638	153	174	7	3	0.01	2.89	3
CO21420	CO21419	6.80	33 3-	1/0ACSR	865	818	633	153	174	7	3	0.01	2.90	0
CO21418	CO21420	6.85	33 3-	1/0ACSR	858	811	627	152	174	7	3	0.01	2.91	0
CO21513	CO21418	6.92	33 1-	6HDCU	0	0	618	152	174	23	18	0.07	2.98	19
OC-427641767	CO21513	6.92	32 1-	20 N FUSE	0	0	618	152	174	23	119	0.00	2.98	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21512	OC-427641767	6.99	32 1-	6HDCU	0	0	608	151	174	23	18	0.08	3.06	23
CO21368	CO21512	7.07	30 1-	6HDCU	0	0	598	150	162	22	17	0.07	3.13	20
CO-942203908	CO21368	7.12	28 1-	2ACSR	0	0	593	150	152	20	12	0.03	3.16	8
CO292876963	CO-942203908	7.20	28 1-	2ACSR	0	0	586	150	152	20	12	0.05	3.21	12
OC-1516835302	CO292876963	7.20	28 1-	20 N FUSE	0	0	586	150	152	20	104	0.00	3.21	0
CO1034439366	OC-1516835302	7.26	27 1-	2ACSR	0	0	579	149	152	20	12	0.04	3.25	10
CO1132936367	CO1034439366	7.31	1 1-	2ACSR	0	0	574	149	8	1	1	0.00	3.25	0
CO-1219372304	CO1132936367	7.40	1 1-	2ACSR	0	0	567	149	8	1	1	0.00	3.26	0
CO392199794	CO1034439366	7.33	26 1-	2ACSR	0	0	573	149	143	19	11	0.04	3.29	9
CO21384	CO392199794	7.35	26 1-	4ACSR	0	0	570	149	143	19	14	0.02	3.31	5
CO21427	CO21384	7.40	26 1-	6HDCU	0	0	565	148	143	19	15	0.04	3.36	10
CO21426	CO21427	7.46	26 1-	6HDCU	0	0	558	148	143	19	15	0.05	3.41	12
CO21577	CO21426	7.55	8 1-	6HDCU	0	0	548	147	51	7	5	0.03	3.43	2
OC647	CO21577	7.55	8 1-	20 N FUSE	0	0	548	147	51	7	35	0.00	3.43	0
CO918482468	OC647	7.70	8 1-	2ACSR	0	0	536	146	51	7	4	0.03	3.47	3
CO21528	CO918482468	7.83	1 1-	4ACSR	0	0	521	145	11	1	1	0.01	3.48	0
CO21527	CO21528	7.87	1 1-	4ACSR	0	0	518	145	11	1	1	0.00	3.48	0
CO21364	CO918482468	7.73	7 1-	6HDCU	0	0	532	146	40	5	4	0.01	3.48	0
CO21435	CO21364	7.96	7 1-	6HDCU	0	0	509	144	40	5	4	0.05	3.52	3
CO21572	CO21435	8.00	0 1-	6HDCU	0	0	505	144	0	0	0	0.00	3.52	0
CO21434	CO21435	8.16	6 1-	6HDCU	0	0	491	143	30	4	3	0.04	3.56	0
CO21413	CO21434	8.36	6 1-	4ACSR	0	0	474	141	30	4	3	0.03	3.59	0
CO21438	CO21413	8.44	4 1-	6HDCU	0	0	467	141	15	2	2	0.01	3.60	0
CO21410	CO21438	8.49	1 1-	2ACSR	0	0	464	140	8	1	1	0.00	3.60	0
CO21436	CO21438	8.58	3 1-	6HDCU	0	0	456	139	7	0	1	0.01	3.60	0
CO21393	CO21436	8.62	2 1-	4ACSR	0	0	453	139	7	0	1	0.00	3.60	0
CO21437	CO21413	8.50	1 1-	6HDCU	0	0	462	140	4	0	0	0.00	3.59	0
CO21440	CO21437	8.59	0 1-	6HDCU	0	0	455	139	0	0	0	0.00	3.59	0
CO21439	CO21440	8.97	0 1-	6HDCU	0	0	428	137	0	0	0	0.00	3.59	0
CO21382	CO21426	7.62	18 1-	4ACSR	0	0	540	146	92	12	9	0.09	3.50	14
OC-532355344	CO21382	7.62	18 1-	20 N FUSE	0	0	540	146	92	12	63	0.00	3.50	0
CO2053829830	OC-532355344	7.67	0 1-	2ACSR	0	0	535	146	0	0	0	0.00	3.50	0
CO21517	OC-532355344	7.69	1 1-	4ACSR	0	0	533	146	0	0	0	0.00	3.50	0
CO21356	OC-532355344	7.65	17 1-	6HDCU	0	0	536	146	92	12	10	0.02	3.52	3
CO21518	CO21356	7.95	15 1-	4ACSR	0	0	507	144	88	12	9	0.15	3.67	22
CO21523	CO21518	7.95	13 1-	6HDCU	0	0	506	144	79	10	8	0.00	3.67	0
CO21522	CO21523	8.14	10 1-	6HDCU	0	0	490	142	46	6	5	0.05	3.72	4
CO21359	CO21522	8.22	10 1-	6HDCU	0	0	483	142	45	6	5	0.02	3.75	0
CO21433	CO21359	8.28	9 1-	6HDCU	0	0	477	141	41	5	4	0.01	3.76	0
CO1096890692	CO21433	8.33	0 1-	2ACSR	0	0	474	141	0	0	0	0.00	3.76	0
CO21432	CO21433	8.35	8 1-	6HDCU	0	0	472	141	38	5	4	0.02	3.78	0
CO21360	CO21432	8.43	8 1-	6HDCU	0	0	465	140	38	5	4	0.02	3.80	0
OC1161693586	CO21360	8.43	8 1-	20 N FUSE	0	0	465	140	38	5	26	0.00	3.80	0
CO1432280357	OC1161693586	8.75	5 1-	6HDCU	0	0	440	138	33	4	4	0.06	3.86	4
CO825810416	CO1432280357	9.01	5 1-	2ACSR	0	0	426	137	33	4	3	0.04	3.90	0
CO21363	CO825810416	9.13	2 1-	6HDCU	0	0	418	136	4	0	0	0.00	3.90	0
CO30528	CO21363	9.21	1 1-	6HDCU	0	0	413	135	1	0	0	0.00	3.90	0
CO28053	CO30528	9.26	1 1-	4ACSR	0	0	410	135	1	0	0	0.00	3.90	0
CO21362	CO825810416	9.34	3 1-	6HDCU	0	0	405	134	29	4	3	0.06	3.96	3
OC-1426790380	CO21362	9.34	3 1-	15 N FUSE	0	0	405	134	29	4	27	0.00	3.96	0
CO21526	OC-1426790380	9.63	1 1-	6HDCU	0	0	388	132	18	2	2	0.02	3.97	0
CO21525	CO21526	9.68	0 1-	6HDCU	0	0	385	132	0	0	0	0.00	3.97	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21392	OC-1426790380	9.58	2 1-	4ACSR	0	0	390	133	11	1	1	0.01	3.96	0
CO-262718666	CO1432280357	8.84	0 1-	2ACSR	0	0	435	137	0	0	0	0.00	3.86	0
CO21391	OC1161693586	8.54	3 1-	4ACSR	0	0	456	139	5	0	0	0.00	3.80	0
CO21389	CO21432	8.40	0 1-	4ACSR	0	0	468	140	0	0	0	0.00	3.78	0
CO21390	CO21359	8.24	1 1-	6HDCU	0	0	480	142	5	0	1	0.00	3.75	0
CO21430	CO21522	8.15	0 1-	6HDCU	0	0	488	142	0	0	0	0.00	3.72	0
CO21431	CO21523	8.00	1 1-	6HDCU	0	0	502	143	17	2	2	0.00	3.68	0
CO21524	CO21431	8.03	0 1-	6HDCU	0	0	500	143	0	0	0	0.00	3.68	0
CO21521	CO21518	8.00	1 1-	6HDCU	0	0	502	143	5	0	1	0.00	3.67	0
CO21444	OC-1516835302	7.24	1 1-	6HDCU	0	0	581	149	1	0	0	0.00	3.21	0
CO21355	CO21444	7.31	1 1-	6HDCU	0	0	572	149	1	0	0	0.00	3.21	0
CO21421	CO21355	7.55	1 1-	6HDCU	0	0	545	147	1	0	0	0.00	3.21	0
CO21423	CO21421	7.67	1 1-	6HDCU	0	0	532	146	1	0	0	0.00	3.21	0
CO21422	CO21423	7.73	1 1-	6HDCU	0	0	526	145	1	0	0	0.00	3.21	0
CO21383	CO21422	7.80	1 1-	4ACSR	0	0	519	145	1	0	0	0.00	3.21	0
CO21425	CO21422	8.09	0 1-	6HDCU	0	0	492	143	0	0	0	0.00	3.21	0
CO21424	CO21425	8.32	0 1-	6HDCU	0	0	472	141	0	0	0	0.00	3.21	0
CO21396	CO21368	7.13	2 1-	4ACSR	0	0	591	150	9	1	1	0.00	3.13	0
CO21385	CO21512	7.08	1 1-	4ACSR	0	0	596	150	11	1	1	0.00	3.06	0
CO21381	CO21354	6.72	2 1-	4ACSR	0	0	636	153	10	1	1	0.00	2.89	0
CO21564	CO30656	6.42	1 1-	2ACSR	0	0	669	154	13	1	1	0.00	2.84	0
CO21563	CO21564	6.50	1 1-	2ACSR	0	0	659	154	13	1	1	0.00	2.84	0
CO30652	CO21487	6.33	4 2-	4ACSR	0	875	679	154	20	1	1	0.00	2.83	0
CO30653	CO30652	6.36	4 2-	4ACSR	0	869	674	154	20	1	1	0.00	2.83	0
CO30557	CO30653	6.40	4 2-	4ACSR	0	862	668	154	20	1	1	0.00	2.83	0
CO21478	CO21372	6.04	16 1-	6HDCU	0	0	706	155	98	13	10	0.07	2.80	11
CO21477	CO21478	6.19	15 1-	6HDCU	0	0	680	154	95	12	10	0.09	2.88	13
OC-731192487	CO21477	6.19	15 1-	50 E OCR	0	0	680	154	95	12	26	0.00	2.88	0
CO21403	OC-731192487	6.25	0 1-	4ACSR	0	0	670	153	0	0	0	0.00	2.88	0
CO21373	OC-731192487	6.33	15 1-	6HDCU	0	0	658	153	95	12	10	0.08	2.96	13
CO21374	CO21373	6.63	14 1-	6HDCU	0	0	614	150	93	12	10	0.17	3.13	26
CO21547	CO21374	6.71	3 1-	4ACSR	0	0	604	150	21	2	2	0.01	3.14	0
CO21549	CO21547	6.86	3 1-	4ACSR	0	0	584	148	21	2	2	0.02	3.16	0
CO-455040947	CO21549	6.96	1 1-	2ACSR	0	0	574	148	3	0	0	0.00	3.16	0
CO-778469921	CO21549	6.97	1 1-	2ACSR	0	0	573	148	8	1	1	0.00	3.16	0
CO21548	CO21549	6.97	1 1-	4ACSR	0	0	570	147	10	1	1	0.00	3.16	0
CO21375	CO21374	6.75	11 1-	6HDCU	0	0	599	149	72	9	8	0.05	3.18	6
CO21376	CO21375	7.01	9 1-	6HDCU	0	0	566	147	59	8	6	0.09	3.28	9
CO21405	CO21376	7.09	1 1-	4ACSR	0	0	556	146	3	0	0	0.00	3.28	0
CO21377	CO21376	7.24	8 1-	6HDCU	0	0	540	145	56	7	6	0.07	3.35	6
CO21557	CO21377	7.30	4 1-	4ACSR	0	0	534	145	27	3	3	0.01	3.36	0
CO21554	CO21557	7.32	3 1-	4ACSR	0	0	532	145	24	3	2	0.00	3.36	0
CO21556	CO21554	7.39	2 1-	4ACSR	0	0	524	144	12	1	1	0.01	3.36	0
CO21555	CO21556	7.44	2 1-	4ACSR	0	0	519	144	12	1	1	0.00	3.36	0
CO21553	CO21377	7.30	3 1-	4ACSR	0	0	533	145	19	2	2	0.01	3.35	0
CO-379129393	CO21553	7.31	1 1-	2ACSR	0	0	533	145	11	1	1	0.00	3.35	0
CO273911664	CO-379129393	7.38	1 1-	2ACSR	0	0	527	144	11	1	1	0.00	3.35	0
CO-355002256	CO-379129393	7.33	0 1-	2ACSR	0	0	531	145	0	0	0	0.00	3.35	0
CO21551	CO21375	6.84	2 1-	4ACSR	0	0	586	148	13	1	1	0.01	3.19	0
CO21550	CO21551	6.94	1 1-	4ACSR	0	0	575	148	11	1	1	0.00	3.19	0
CO21404	CO21373	6.37	1 1-	4ACSR	0	0	652	152	2	0	0	0.00	2.96	0
CO21476	CO21467	6.48	1 1-	6HDCU	0	0	630	151	9	1	1	0.03	2.73	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO21582	CO21476	6.53	1 1-	6HDCU	0	0	623	151	9	1	1	0.00	2.73	0
CO343046750	CO21371	5.37	1 1-	1/0PRIURD	0	0	804	341	13	1	1	0.00	2.50	0
CO21540	CO21460	5.18	1 1-	4ACSR	0	0	828	159	5	0	0	0.00	2.46	0
CO21539	CO21540	5.27	1 1-	4ACSR	0	0	808	159	5	0	0	0.00	2.46	0
CO21566	CO21453	4.68	1 1-	4ACSR	0	0	921	162	2	0	0	0.00	2.14	0
CO21565	CO21566	4.73	0 1-	4ACSR	0	0	906	161	0	0	0	0.00	2.14	0
CO21400	CO21370	4.67	1 1-	4ACSR	0	0	914	161	3	0	0	0.00	2.06	0
CO-637096916	CO22520	4.48	28 3-	1/0ACSR	1310	1228	967	163	175	7	3	0.01	2.01	0
CO-64767903	CO-637096916	4.51	1 1-	2ACSR	0	0	960	163	0	0	0	0.00	2.01	0
CO-1581841413	CO-637096916	4.51	27 3-	1/0ACSR	1303	1221	961	163	175	7	3	0.00	2.02	0
CO22271	CO-1581841413	4.58	27 3-	1/0ACSR	1283	1203	947	163	175	7	3	0.01	2.03	2
CO-786956635	CO22271	4.61	0 1-	2ACSR	0	0	939	162	0	0	0	0.00	2.03	0
CO22457	CO22271	4.64	25 3-	1/0ACSR	1268	1189	935	162	163	7	3	0.01	2.03	0
CO22458	CO22457	4.75	23 3-	1/0ACSR	1239	1163	913	162	152	6	3	0.01	2.05	3
CO22254	CO22458	4.80	23 3-	1/0ACSR	1226	1151	903	162	152	6	3	0.01	2.05	0
CO21973	CO22254	4.86	20 3-	6HDCU	1200	1129	885	161	134	6	5	0.02	2.07	4
CO21975	CO21973	4.90	5 2-	2ACSR	0	1120	878	161	25	1	1	0.00	2.07	0
CO22133	CO21975	4.97	4 1-	4ACSR	0	0	859	160	24	3	2	0.01	2.08	0
CO22289	CO22133	5.00	3 1-	4ACSR	0	0	850	160	19	2	2	0.00	2.08	0
CO22290	CO22289	5.02	2 1-	4ACSR	0	0	847	160	8	1	1	0.00	2.08	0
CO22285	CO22290	5.03	2 1-	4ACSR	0	0	844	160	8	1	1	0.00	2.08	0
CO21972	CO21973	4.89	14 3-	6HDCU	1189	1119	877	161	69	3	2	0.00	2.07	0
CO22415	CO21972	4.92	1 1-	4ACSR	0	0	870	160	3	0	0	0.00	2.07	0
CO22414	CO22415	4.96	1 1-	4ACSR	0	0	860	160	3	0	0	0.00	2.07	0
CO22247	CO21972	4.93	10 3-	6HDCU	1175	1107	867	160	54	2	2	0.00	2.07	0
CO22454	CO22247	4.95	8 3-	6HDCU	1168	1101	862	160	49	2	2	0.00	2.08	0
CO30562	CO22454	4.97	7 3-	6HDCU	1159	1094	856	160	46	2	2	0.00	2.08	0
CO22248	CO30562	5.04	6 3-	6HDCU	1136	1074	840	159	32	1	1	0.00	2.08	0
CO22307	CO22248	5.08	5 3-	1/0ACSR	1128	1066	834	159	26	1	1	0.00	2.08	0
CO22306	CO22307	5.11	5 3-	1/0ACSR	1121	1059	828	159	26	1	1	0.00	2.08	0
CO22513	CO22248	5.04	0 1-	6HDCU	0	0	839	159	0	0	0	0.00	2.08	0
CO22512	CO22513	5.05	0 1-	6HDCU	0	0	837	159	0	0	0	0.00	2.08	0
CO22456	CO22512	5.06	0 1-	6HDCU	0	0	834	159	0	0	0	0.00	2.08	0
CO22041	CO21973	4.98	1 3-	2ACSR	1167	1099	860	160	40	1	1	0.00	2.07	0
CO22037	CO22254	4.87	2 1-	4ACSR	0	0	883	161	14	1	1	0.00	2.06	0
CO22038	CO22520	4.48	3 1-	4ACSR	0	0	964	163	64	8	6	0.01	2.02	0
CO22511	CO22224	3.76	0 2-	6HDCU	0	1451	1155	166	0	0	0	0.00	1.39	0
SW681-A	CO22511	3.76	0 2-	Open	0	1451	1155	166	0	0	0	0.00	1.39	0
CO22023	CO22406	3.58	1 3-	1/0ACSR	1648	1533	1227	168	87	3	2	0.00	1.07	0
CO22514	CO22406	3.57	0 3-	4ACSR	1648	1534	1228	168	0	0	0	0.00	1.07	0
CO22515	CO22514	3.57	0 3-	4ACSR	1643	1530	1224	168	0	0	0	0.00	1.07	0
CO22216	CO22503	3.44	30 1-	6ACWC	0	0	1259	168	158	21	15	0.07	0.94	18
OC570715194	CO22216	3.44	29 1-	35 L OCR	0	0	1259	168	145	19	56	0.00	0.94	0
CO22217	OC570715194	3.48	29 1-	6ACWC	0	0	1242	168	145	19	14	0.03	0.97	6
CO22273	CO22217	3.50	26 1-	6ACWC	0	0	1231	167	132	17	13	0.02	0.98	3
CO22274	CO22273	3.51	25 1-	6ACWC	0	0	1225	167	122	16	12	0.01	0.99	0
CO22214	CO22274	3.53	23 1-	6ACWC	0	0	1213	167	115	15	11	0.02	1.01	3
CO22215	CO22214	3.58	22 1-	6ACWC	0	0	1190	167	114	15	11	0.03	1.04	6
CO22113	CO22215	3.70	21 1-	6ACWC	0	0	1134	165	111	15	11	0.08	1.12	14
CO22112	CO22113	3.75	20 1-	6ACWC	0	0	1113	165	101	13	10	0.03	1.14	4
CO-858773536	CO22112	3.82	19 1-	2ACSR	0	0	1088	164	94	12	7	0.03	1.17	4
CO924094745	CO-858773536	3.89	19 1-	2ACSR	0	0	1066	164	94	12	7	0.03	1.20	4

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1549511785	CO924094745	3.96	19 1-	2ACSR	0	0	1045	163	94	12	7	0.03	1.22	4
CO-1854058709	CO1549511785	4.00	19 1-	2ACSR	0	0	1031	163	94	12	7	0.02	1.24	3
SW1131714329-A	CO-1854058709	4.00	0 1-	Open	0	0	1031	163	0	0	0	0.00	1.24	0
CO22461	CO-1854058709	4.03	19 1-	4ACSR	0	0	1020	163	94	12	9	0.02	1.26	3
CO21964	CO22461	4.13	18 1-	4ACSR	0	0	986	162	88	11	9	0.05	1.31	7
CO21965	CO21964	4.18	17 1-	4ACSR	0	0	966	161	87	11	8	0.03	1.34	4
CO22119	CO21965	4.22	2 1-	4ACSR	0	0	953	161	13	1	1	0.00	1.34	0
CO22118	CO22119	4.27	1 1-	4ACSR	0	0	938	161	4	0	0	0.00	1.34	0
CO21966	CO21965	4.26	15 1-	4ACSR	0	0	942	161	74	9	7	0.03	1.37	4
CO21967	CO21966	4.51	13 1-	4ACSR	0	0	868	158	62	8	6	0.08	1.45	8
CO22086	CO21967	4.60	10 1-	4ACSR	0	0	842	157	46	6	4	0.02	1.47	0
CO22199	CO22086	4.68	9 1-	4ACSR	0	0	821	157	34	4	3	0.02	1.49	0
CO22200	CO22199	4.81	8 1-	4ACSR	0	0	791	156	32	4	3	0.02	1.52	0
CO22332	CO22200	4.95	3 1-	4ACSR	0	0	759	154	17	2	2	0.01	1.53	0
CO22029	CO22332	5.00	1 1-	4ACSR	0	0	748	154	9	1	1	0.00	1.53	0
CO22333	CO22332	5.06	2 1-	4ACSR	0	0	735	153	7	0	1	0.00	1.53	0
CO22198	CO22200	4.97	5 1-	4ACSR	0	0	754	154	16	2	2	0.01	1.53	0
CO22444	CO22198	5.04	3 1-	4ACSR	0	0	739	153	13	1	1	0.01	1.54	0
CO22443	CO22444	5.20	3 1-	4ACSR	0	0	708	152	13	1	1	0.01	1.55	0
CO22445	CO22443	5.24	3 1-	4ACSR	0	0	700	152	13	1	1	0.00	1.55	0
CO22030	CO22445	5.29	1 1-	4ACSR	0	0	691	151	2	0	0	0.00	1.55	0
CO22286	CO22445	5.29	1 1-	4ACSR	0	0	691	151	9	1	1	0.00	1.55	0
CO22287	CO22286	5.34	1 1-	4ACSR	0	0	683	151	9	1	1	0.00	1.56	0
CO22031	CO21967	4.56	1 1-	4ACSR	0	0	854	158	4	0	0	0.00	1.45	0
CO22033	CO21966	4.32	0 1-	4ACSR	0	0	923	160	0	0	0	0.00	1.37	0
CO22032	CO21964	4.17	1 1-	4ACSR	0	0	972	162	2	0	0	0.00	1.31	0
CO22028	CO22461	4.13	1 1-	4ACSR	0	0	986	162	6	0	1	0.00	1.26	0
CO22015	CO21960	3.36	3 1-	4ACSR	0	0	1295	169	9	1	1	0.00	0.80	0
CO22014	CO22402	3.25	1 1-	4ACSR	0	0	1332	169	3	0	0	0.00	0.63	0
CO22013	CO22202	3.16	1 1-	4ACSR	0	0	1362	169	3	0	0	0.00	0.48	0
CO22111	CO21959	2.90	2 1-	4ACSR	0	0	1446	170	12	1	1	0.00	5.81	0
CO22110	CO22111	2.92	1 1-	4ACSR	0	0	1431	170	6	0	1	0.00	5.81	0
CO22492	CO22400	2.76	5 1-	4ACSR	0	0	1524	171	20	2	2	0.00	5.69	0
OC659	CO22492	2.76	5 1-	10 N FUSE	0	0	1524	171	20	2	28	0.00	5.69	0
CO22493	OC659	2.83	5 1-	4ACSR	0	0	1473	170	20	2	2	0.01	5.70	0
CO22084	CO22493	2.90	4 1-	4ACSR	0	0	1420	169	18	2	2	0.01	5.70	0
CO22342	CO22084	3.35	3 1-	4ACSR	0	0	1164	165	16	2	2	0.04	5.75	0
CO22048	CO22342	3.51	1 1-	2ACSR	0	0	1102	164	7	0	1	0.00	5.75	0
CO22343	CO22342	3.60	2 1-	4ACSR	0	0	1052	162	8	1	1	0.01	5.76	0
CO22212	CO22343	3.66	1 1-	4ACSR	0	0	1028	162	5	0	1	0.00	5.76	0
CO22012	CO22493	2.90	1 1-	4ACSR	0	0	1423	169	2	0	0	0.00	5.70	0
CO22011	CO21958	2.62	1 1-	4ACSR	0	0	1561	171	4	0	0	0.00	5.34	0
CO22010	CO21957	2.53	0 1-	4ACSR	0	0	1604	171	0	0	0	0.00	5.17	0
CO22009	CO22536	2.26	2 1-	4ACSR	0	0	1764	172	12	1	1	0.00	4.80	0
CO22093	CO21940	1.37	12 1-	4ACSR	0	0	2462	175	43	5	4	0.01	3.07	0
CO21984	CO22093	1.49	4 1-	4ACSR	0	0	2259	174	5	0	1	0.00	3.07	0
CO22347	CO22093	1.38	7 1-	4ACSR	0	0	2451	175	33	4	3	0.00	3.07	0
CO22348	CO22347	1.42	1 1-	4ACSR	0	0	2373	174	2	0	0	0.00	3.07	0
CO22301	CO22347	1.43	6 1-	4ACSR	0	0	2357	174	31	4	3	0.01	3.07	0
CO22302	CO22301	1.47	3 1-	4ACSR	0	0	2288	174	13	1	1	0.00	3.08	0
CO22192	CO22302	1.53	0 1-	4ACSR	0	0	2188	173	0	0	0	0.00	3.08	0
CO21983	CO22435	1.29	0 1-	4ACSR	0	0	2570	175	0	0	0	0.00	2.91	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22504	CO22387	0.96	26 1-	4ACSR	0	0	3074	177	76	10	7	0.00	2.24	0
OC667	CO22504	0.96	26 1-	70 L OCR	0	0	3074	177	76	10	15	0.00	2.24	0
CO22505	OC667	1.02	26 1-	4ACSR	0	0	2914	176	76	10	7	0.03	2.27	3
CO22071	CO22505	1.08	25 1-	4ACSR	0	0	2760	175	76	10	7	0.03	2.30	3
CO22072	CO22071	1.09	23 1-	4ACSR	0	0	2737	175	59	8	6	0.00	2.30	0
CO22315	CO22072	1.14	22 1-	4ACSR	0	0	2621	175	55	7	5	0.02	2.31	0
CO22316	CO22315	1.19	20 1-	4ACSR	0	0	2514	174	51	6	5	0.01	2.33	0
CO22073	CO22316	1.25	14 1-	4ACSR	0	0	2390	174	37	5	4	0.01	2.34	0
CO22149	CO22073	1.30	2 1-	4ACSR	0	0	2305	173	7	1	1	0.00	2.34	0
CO22433	CO22149	1.34	0 1-	4ACSR	0	0	2234	173	0	0	0	0.00	2.34	0
CO22432	CO22433	1.38	0 1-	4ACSR	0	0	2170	172	0	0	0	0.00	2.34	0
CO22434	CO22432	1.42	0 1-	4ACSR	0	0	2104	172	0	0	0	0.00	2.34	0
CO22517	CO22434	1.42	0 1-	4ACSR	0	0	2093	172	0	0	0	0.00	2.34	0
SW945-B	CO22517	1.42	0 1-	Closed	0	0	2093	172	0	0	0	0.00	2.34	0
SW945-A	SW945-B	1.42	0 1-	Closed	0	0	2093	172	0	0	0	0.00	2.34	0
CO22398	CO22434	1.45	0 1-	4ACSR	0	0	2047	171	0	0	0	0.00	2.34	0
CO22397	CO22398	1.47	0 1-	4ACSR	0	0	2018	171	0	0	0	0.00	2.34	0
CO22399	CO22397	1.49	0 1-	4ACSR	0	0	2002	171	0	0	0	0.00	2.34	0
CO22524	CO22399	1.57	0 1-	4ACSR	0	0	1892	170	0	0	0	0.00	2.34	0
SW675-B	CO22524	1.57	0 1-	Open	0	0	1892	170	0	0	0	0.00	2.34	0
CO22323	CO22073	1.27	12 1-	4ACSR	0	0	2363	173	29	4	3	0.00	2.34	0
CO22409	CO22323	1.30	6 1-	4ACSR	0	0	2301	173	10	1	1	0.00	2.35	0
CO22408	CO22409	1.34	6 1-	4ACSR	0	0	2234	173	10	1	1	0.00	2.35	0
CO22324	CO22323	1.29	6 1-	4ACSR	0	0	2319	173	20	2	2	0.00	2.35	0
CO22090	CO22324	1.38	1 1-	4ACSR	0	0	2170	172	4	0	0	0.00	2.35	0
CO22496	CO22367	0.31	30 1-	6ACWC	0	0	4749	179	96	12	9	0.00	0.65	0
OC661	CO22496	0.31	30 1-	70 L OCR	0	0	4749	179	96	12	18	0.00	0.65	0
CO22497	OC661	0.35	30 1-	6ACWC	0	0	4556	179	96	12	9	0.02	0.66	3
CO22155	CO22497	0.42	29 1-	6ACWC	0	0	4168	178	87	11	8	0.04	0.70	5
CO22159	CO22155	0.60	28 1-	6ACWC	0	0	3384	176	86	11	8	0.09	0.79	13
CO22160	CO22159	0.65	27 1-	6ACWC	0	0	3203	175	86	11	8	0.02	0.82	3
CO22170	CO22160	0.78	25 1-	6ACWC	0	0	2798	174	75	10	7	0.06	0.87	7
CO22171	CO22170	0.92	22 1-	6ACWC	0	0	2469	172	71	9	7	0.06	0.93	6
CO22377	CO22171	0.96	0 1-	4ACSR	0	0	2370	172	0	0	0	0.00	0.93	0
CO22378	CO22377	1.01	0 1-	4ACSR	0	0	2277	171	0	0	0	0.00	0.93	0
CO22169	CO22171	0.98	21 1-	6ACWC	0	0	2328	172	70	9	7	0.03	0.96	3
CO1793456423	CO22169	1.10	1 1-	2ACSR	0	0	2157	171	11	1	1	0.00	0.96	0
CO-1442038865	CO1793456423	1.13	0 1-	2ACSR	0	0	2124	171	0	0	0	0.00	0.96	0
CO-1419796253	CO1793456423	1.13	0 1-	2ACSR	0	0	2115	171	0	0	0	0.00	0.96	0
CO22344	CO22169	1.02	19 1-	6ACWC	0	0	2250	171	56	7	5	0.01	0.97	0
CO22345	CO22344	1.09	17 1-	6ACWC	0	0	2143	171	53	7	5	0.02	0.99	0
CO22346	CO22345	1.12	16 1-	6ACWC	0	0	2078	170	51	6	5	0.01	1.00	0
CO1704794947	CO22346	1.16	1 1-	2ACSR	0	0	2034	170	0	0	0	0.00	1.00	0
CO22132	CO22346	1.30	2 1-	2ACSR	0	0	1873	169	11	1	1	0.01	1.01	0
CO22131	CO22132	1.35	1 1-	2ACSR	0	0	1824	169	11	1	1	0.00	1.01	0
CO22375	CO22346	1.33	13 1-	6ACWC	0	0	1794	168	40	5	4	0.05	1.05	3
CO22376	CO22375	1.35	13 1-	6ACWC	0	0	1770	168	40	5	4	0.00	1.05	0
CO22168	CO22376	1.39	11 1-	6ACWC	0	0	1722	168	17	2	2	0.00	1.06	0
OC1957618548	CO22168	1.39	9 1-	20 N FUSE	0	0	1722	168	14	1	9	0.00	1.06	0
CO22293	OC1957618548	1.51	9 1-	6ACWC	0	0	1595	166	14	1	1	0.01	1.07	0
CO22294	CO22293	1.57	9 1-	6ACWC	0	0	1542	166	14	1	1	0.00	1.07	0
CO22337	CO22294	1.58	8 1-	6ACWC	0	0	1531	166	13	1	1	0.00	1.07	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO22043	CO22337	1.63	2 1-	2ACSR	0	0	1499	165	5	0	0	0.00	1.07	0
CO22338	CO22337	1.66	6 1-	6ACWC	0	0	1466	165	8	1	1	0.00	1.08	0
CO23697	CO22338	1.74	2 1-	4ACSR	0	0	1397	164	4	0	0	0.00	1.08	0
CO22863	CO23697	1.81	1 1-	4ACSR	0	0	1348	163	4	0	0	0.00	1.08	0
CO22167	CO22338	1.69	4 1-	6ACWC	0	0	1437	165	5	0	0	0.00	1.08	0
CO22372	CO22167	2.03	3 1-	6ACWC	0	0	1207	161	5	0	0	0.01	1.09	0
OC703030226	CO22372	2.03	3 1-	20 N FUSE	0	0	1207	161	5	0	3	0.00	1.09	0
CO23844	OC703030226	2.09	3 1-	6ACWC	0	0	1177	161	5	0	0	0.00	1.09	0
CO22830	CO23844	2.13	2 1-	6ACWC	0	0	1154	160	4	0	0	0.00	1.09	0
CO22373	OC1957618548	1.42	0 1-	4ACSR	0	0	1690	167	0	0	0	0.00	1.06	0
CO22374	CO22373	1.51	0 1-	4ACSR	0	0	1592	166	0	0	0	0.00	1.06	0
CO22050	CO22344	1.15	1 1-	2ACSR	0	0	2081	170	3	0	0	0.00	0.97	0
CO22089	CO22160	0.75	1 1-	4ACSR	0	0	2896	174	2	0	0	0.00	0.82	0
CO22088	CO22089	0.80	0 1-	4ACSR	0	0	2737	174	0	0	0	0.00	0.82	0
CO22487	CO22486	0.02	891 3-	750 MCM - 42 Wi	6015	6226	6268	180	5485	248	21	0.01	0.02	29
Plumville	CO22487	0.02	891 3-	560 200WVE	6015	6226	6268	180	5485	248	44	0.00	0.02	0
CO21943	Plumville	0.03	891 3-	1/0CU	5959	6137	6177	180	5485	248	80	0.04	0.06	320
XFMR369+	CO21943	0.03	888 3-	5600 KVA 3PH AU	1223	1238	1241	344	5449	246	95	1.40	1.46	0
CO22362+	XFMR369	0.07	887 3-	4/0ACSR	1220	1233	1236	344	5439	123	36	0.02	1.49	166
CO22363+	CO22362	0.21	887 3-	4/0ACSR	1209	1217	1219	343	5438	123	36	0.08	1.57	592
CO22361+	CO22363	0.24	887 3-	4/0ACSR	1206	1213	1215	343	5436	123	36	0.02	1.59	166
CO21944+	CO22361	0.41	885 3-	1/0CU	1194	1195	1196	341	5431	122	40	0.11	1.70	878
CO22150+	CO21944	0.44	882 3-	1/0CU	1192	1191	1192	341	5418	122	40	0.02	1.72	172
CO22151+	CO22150	0.50	881 3-	1/0CU	1187	1186	1184	341	5417	122	40	0.05	1.77	356
CO22061+	CO22151	0.57	881 3-	1/0CU	1182	1181	1177	340	5416	122	40	0.04	1.81	342
CO22069+	CO22061	0.60	3 1-	4ACSR	0	0	1171	339	14	0	1	0.00	1.81	0
CO22356+	CO22069	0.63	2 1-	4ACSR	0	0	1167	339	11	0	1	0.00	1.81	0
CO22357+	CO22356	0.67	2 1-	4ACSR	0	0	1162	338	11	0	1	0.00	1.81	0
CO22067+	CO22061	0.62	877 3-	1/0CU	1178	1176	1171	340	5398	122	39	0.04	1.85	307
CO22068+	CO22067	0.70	873 3-	1/0CU	1172	1170	1162	339	5378	121	39	0.05	1.90	397
CO22045+	CO22068	0.78	1 1-	2ACSR	0	0	1151	338	9	0	0	0.00	1.90	0
CO22066+	CO22068	0.75	870 3-	1/0CU	1169	1166	1157	339	5364	121	39	0.03	1.93	255
CO21991+	CO22066	0.78	1 1-	4ACSR	0	0	1151	338	10	0	0	0.00	1.93	0
CO22522+	CO22066	0.88	864 3-	1/0CU	1159	1155	1143	338	5335	121	39	0.09	2.02	697
CO22064+	CO22522	0.91	861 3-	1/0CU	1157	1152	1139	337	5330	121	39	0.02	2.04	185
CO22065+	CO22064	0.94	859 3-	1/0CU	1155	1151	1136	337	5329	121	39	0.01	2.06	113
CO30523+	CO22065	1.04	838 3-	1/0CU	1148	1142	1125	336	5195	117	38	0.07	2.13	526
CO28315+	CO30523	1.10	834 3-	1/0CU	1144	1138	1119	336	5181	117	38	0.04	2.17	282
CO28513+	CO28315	1.12	6 1-	4ACSR	0	0	1116	335	28	1	1	0.00	2.16	0
CO28514+	CO28513	1.17	4 1-	4ACSR	0	0	1109	334	16	1	1	0.00	2.16	0
CO28515+	CO28514	1.20	1 1-	4ACSR	0	0	1105	334	10	0	0	0.00	2.16	0
CO28516+	CO28315	1.16	2 1-	4ACSR	0	0	1110	334	13	0	1	0.00	2.16	0
CO28517+	CO28516	1.26	1 1-	4ACSR	0	0	1097	332	8	0	0	0.00	2.16	0
CO28312+	CO28315	1.13	826 3-	1/0CU	1141	1135	1116	336	5139	116	38	0.02	2.19	159
CO28313+	CO28312	1.16	822 3-	1/0CU	1139	1133	1113	335	5126	116	38	0.02	2.21	164
CO28518+	CO28313	1.22	11 1-	4ACSR	0	0	1105	334	67	4	3	0.01	2.21	0
CO28519+	CO28518	1.25	10 1-	4ACSR	0	0	1100	333	65	4	3	0.00	2.21	0
CO30429+	CO28519	1.32	6 1-	4ACSR	0	0	1090	332	29	2	1	0.00	2.22	0
CO29038+	CO30429	1.36	2 1-	4ACSR	0	0	1085	331	12	0	1	0.00	2.22	0
CO29039+	CO29038	1.39	1 1-	4ACSR	0	0	1081	330	6	0	0	0.00	2.22	0
CO29037+	CO30429	1.34	2 1-	4ACSR	0	0	1087	331	14	0	1	0.00	2.22	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28873+	CO29037	1.36	2 1-	4ACSR	0	0	1085	331	14	0	1	0.00	2.22	0
CO28353+	CO28519	1.28	1 1-	4ACSR	0	0	1096	333	15	1	1	0.00	2.21	0
CO28520+	CO28519	1.31	3 1-	4ACSR	0	0	1091	332	20	1	1	0.00	2.22	0
CO28314+	CO28313	1.24	811 3-	1/0CU	1134	1127	1105	335	5058	114	37	0.05	2.25	337
CO28354+	CO28314	1.29	1 1-	4ACSR	0	0	1097	333	10	0	0	0.00	2.25	0
CO28521+	CO28314	1.27	810 3-	1/0CU	1132	1125	1102	334	5047	114	37	0.02	2.27	145
CO30433+	CO28521	1.29	810 3-	1/0CU	1130	1123	1100	334	5046	114	37	0.02	2.29	125
CO28967+	CO30433	1.32	809 3-	1/0CU	1128	1121	1097	334	5046	114	37	0.02	2.31	133
CO-1847810322+	CO28967	1.37	2 3-	2ACSR	1124	1116	1091	333	8	0	0	0.00	2.31	0
CO-982977416+	CO28967	1.35	2 1-	2ACSR	0	0	1093	334	4	0	0	0.00	2.31	0
CO28968+	CO28967	1.37	805 3-	1/0CU	1125	1117	1092	334	5034	114	37	0.03	2.34	236
CO28965+	CO28968	1.43	801 3-	1/0CU	1121	1112	1086	333	5019	114	37	0.03	2.37	252
CO28734+	CO28965	1.46	1 1-	4ACSR	0	0	1081	332	2	0	0	0.00	2.37	0
CO28733+	CO28965	1.50	1 1-	4ACSR	0	0	1076	332	4	0	0	0.00	2.37	0
CO28691+	CO28965	1.56	795 3-	1/0CU	1112	1102	1073	332	4994	113	37	0.09	2.46	642
CO28692+	CO28691	1.64	781 3-	1/0CU	1107	1096	1065	331	4963	112	36	0.05	2.51	347
CO29048+	CO28692	1.67	16 1-	4ACSR	0	0	1062	331	52	3	3	0.00	2.51	0
CO29035+	CO29048	1.72	12 1-	4ACSR	0	0	1055	330	38	2	2	0.00	2.51	0
CO29036+	CO29035	1.76	10 1-	4ACSR	0	0	1049	329	16	1	1	0.00	2.51	0
CO28735+	CO29048	1.72	2 1-	4ACSR	0	0	1055	330	9	0	0	0.00	2.51	0
CO29049+	CO29048	1.71	2 1-	4ACSR	0	0	1056	330	5	0	0	0.00	2.51	0
CO28766+	CO28692	1.65	1 1-	4/0ACSR	0	0	1065	331	8	0	0	0.00	2.51	0
CO28961+	CO28692	1.77	764 3-	1/0CU	1098	1087	1053	330	4901	111	36	0.08	2.59	586
CO28962+	CO28961	1.83	758 3-	1/0CU	1094	1082	1047	330	4871	110	36	0.04	2.62	255
CO28949+	CO28962	1.86	758 3-	1/0CU	1092	1080	1044	330	4870	110	36	0.02	2.64	119
CO28950+	CO28949	1.89	757 3-	1/0CU	1090	1078	1042	329	4866	110	36	0.02	2.66	131
CO28811+	CO28950	1.91	757 3-	1/0CU	1089	1077	1040	329	4865	110	36	0.01	2.67	84
CO28812+	CO28811	1.97	757 3-	1/0CU	1085	1072	1033	329	4865	110	36	0.04	2.71	294
CO28813+	CO28812	2.07	757 3-	1/0CU	1079	1065	1024	328	4864	110	36	0.06	2.77	434
CO28693+	CO28813	2.13	164 3-	1/0ACSR	1074	1060	1018	327	812	18	8	0.01	2.78	11
CO28736+	CO28693	2.25	1 1-	4ACSR	0	0	1003	325	0	0	0	0.00	2.78	0
CO28999+	CO28693	2.13	163 3-	1/0ACSR	1074	1060	1018	327	812	18	8	0.00	2.78	0
OC901+	CO28999	2.13	163 3-	50 E OCR	1074	1060	1018	327	812	18	37	0.00	2.78	0
CO29000+	OC901	2.22	163 3-	1/0ACSR	1068	1053	1009	326	812	18	8	0.01	2.80	17
CO28695+	CO29000	2.37	154 3-	1/0ACSR	1056	1040	994	325	799	18	8	0.02	2.82	29
CO29056+	CO28695	2.39	2 1-	4ACSR	0	0	991	324	12	0	1	0.00	2.82	0
CO29057+	CO29056	2.40	1 1-	4ACSR	0	0	990	324	3	0	0	0.00	2.82	0
CO28774+	CO29056	2.44	1 1-	2ACSR	0	0	986	324	9	0	0	0.00	2.82	0
CO28696+	CO28695	2.44	151 3-	1/0ACSR	1051	1034	987	324	776	17	8	0.01	2.83	13
CO28877+	CO28696	2.45	20 1-	4ACSR	0	0	985	324	99	6	5	0.00	2.83	0
CO29074+	CO28877	2.47	20 1-	4ACSR	0	0	984	323	99	6	5	0.00	2.83	0
CO29040+	CO29074	2.48	18 1-	4ACSR	0	0	982	323	91	6	5	0.00	2.83	0
CO28878+	CO29040	2.52	8 1-	4ACSR	0	0	977	322	44	3	2	0.00	2.84	0
CO28879+	CO28878	2.56	8 1-	4ACSR	0	0	973	322	44	3	2	0.00	2.84	0
CO28880+	CO28879	2.60	3 1-	4ACSR	0	0	968	321	20	1	1	0.00	2.84	0
CO29041+	CO29040	2.53	9 1-	4ACSR	0	0	976	322	47	3	2	0.00	2.84	0
CO28988+	CO29041	2.56	3 1-	4ACSR	0	0	972	322	20	1	1	0.00	2.84	0
CO28989+	CO28988	2.58	3 1-	4ACSR	0	0	970	321	20	1	1	0.00	2.84	0
CO28697+	CO28696	2.50	131 3-	1/0ACSR	1047	1030	981	323	677	15	7	0.01	2.84	8
CO28738+	CO28697	2.57	2 1-	4ACSR	0	0	973	322	7	0	0	0.00	2.84	0
CO28737+	CO28697	2.51	3 1-	4ACSR	0	0	979	323	14	0	1	0.00	2.84	0
CO28815+	CO28697	2.55	126 3-	1/0ACSR	1043	1025	976	323	656	15	7	0.01	2.85	7

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28814+	CO28815	2.61	123 3-	1/0ACSR	1039	1020	970	322	640	14	6	0.01	2.85	7
CO28997+	CO28814	2.62	33 1-	6ACWC	0	0	969	322	173	11	9	0.00	2.85	0
OC898+	CO28997	2.62	33 1-	10 N FUSE	0	0	969	322	173	11	119	0.00	2.85	0
CO28998+	OC898	2.68	33 1-	6ACWC	0	0	962	321	173	11	9	0.02	2.87	4
CO28739+	CO28998	2.72	1 1-	4ACSR	0	0	958	320	10	0	0	0.00	2.87	0
CO28953+	CO28998	2.70	32 1-	6ACWC	0	0	960	320	163	11	8	0.01	2.87	0
CO28954+	CO28953	2.75	30 1-	6ACWC	0	0	954	319	159	10	8	0.01	2.89	3
CO28955+	CO28954	2.78	28 1-	6ACWC	0	0	950	319	155	10	8	0.01	2.89	0
CO28699+	CO28955	2.86	17 1-	6ACWC	0	0	941	317	75	5	4	0.01	2.90	0
CO28700+	CO28699	2.91	12 1-	6ACWC	0	0	936	316	51	3	3	0.00	2.91	0
CO28951+	CO28700	2.97	9 1-	6ACWC	0	0	929	315	36	2	2	0.00	2.91	0
CO28952+	CO28951	3.01	3 1-	6ACWC	0	0	924	314	6	0	0	0.00	2.91	0
CO28816+	CO28952	3.03	3 1-	6ACWC	0	0	921	314	6	0	0	0.00	2.91	0
CO28817+	CO28816	3.12	3 1-	6ACWC	0	0	912	312	6	0	0	0.00	2.91	0
CO28818+	CO28817	3.22	3 1-	6ACWC	0	0	901	310	6	0	0	0.00	2.91	0
CO28741+	CO28818	3.26	1 1-	4ACSR	0	0	896	310	0	0	0	0.00	2.91	0
CO28884+	CO28818	3.26	1 1-	4ACSR	0	0	896	310	4	0	0	0.00	2.91	0
CO28885+	CO28884	3.27	1 1-	4ACSR	0	0	895	309	4	0	0	0.00	2.91	0
CO28740+	CO28700	2.93	3 1-	4ACSR	0	0	934	316	15	1	1	0.00	2.91	0
CO28881+	CO28699	2.89	5 1-	4ACSR	0	0	937	317	24	1	1	0.00	2.90	0
CO28882+	CO28881	2.95	3 1-	4ACSR	0	0	931	316	8	0	0	0.00	2.91	0
CO28883+	CO28882	2.96	3 1-	4ACSR	0	0	929	315	8	0	0	0.00	2.91	0
CO28698+	CO28955	2.82	11 1-	6ACWC	0	0	946	318	80	5	4	0.00	2.90	0
CO28956+	CO28698	2.86	6 1-	6ACWC	0	0	942	317	52	3	3	0.00	2.90	0
CO28957+	CO28956	2.89	5 1-	6ACWC	0	0	937	317	51	3	3	0.00	2.90	0
CO29033+	CO28957	2.96	2 1-	6ACWC	0	0	930	315	29	2	1	0.00	2.91	0
CO28764+	CO29033	3.01	0 1-	6ACWC	0	0	924	314	0	0	0	0.00	2.91	0
CO29034+	CO29033	2.98	1 1-	6ACWC	0	0	927	315	16	1	1	0.00	2.91	0
CO28819+	CO28698	2.91	4 1-	6ACWC	0	0	935	316	22	1	1	0.00	2.90	0
CO28820+	CO28819	2.99	4 1-	6ACWC	0	0	926	315	22	1	1	0.00	2.90	0
CO28821+	CO28820	3.01	3 1-	6ACWC	0	0	924	314	14	0	1	0.00	2.91	0
CO29052+	CO28821	3.11	3 1-	6ACWC	0	0	912	312	14	0	1	0.00	2.91	0
CO28773+	CO29052	3.16	1 1-	2ACSR	0	0	908	312	9	0	0	0.00	2.91	0
CO29053+	CO29052	3.22	2 1-	6ACWC	0	0	901	310	5	0	0	0.00	2.91	0
CO29031+	CO28814	2.69	6 1-	4ACSR	0	0	961	321	35	2	2	0.00	2.86	0
CO28984+	CO29031	2.71	2 1-	4ACSR	0	0	959	320	24	1	1	0.00	2.86	0
CO28985+	CO28984	2.72	1 1-	4ACSR	0	0	957	320	20	1	1	0.00	2.86	0
CO29032+	CO29031	2.72	1 1-	4ACSR	0	0	957	320	6	0	0	0.00	2.86	0
CO28765+	CO28814	2.64	1 1-	4/0ACSR	0	0	968	322	12	0	0	0.00	2.85	0
CO28742+	CO28814	2.69	1 1-	4ACSR	0	0	961	321	8	0	0	0.00	2.85	0
CO28701+	CO28814	2.77	82 3-	1/0ACSR	1028	1008	956	321	412	9	4	0.01	2.87	8
CO28822+	CO28701	2.84	68 3-	1/0ACSR	1022	1002	949	320	359	8	4	0.01	2.87	3
CO28823+	CO28822	2.89	68 3-	1/0ACSR	1019	998	944	319	359	8	4	0.00	2.88	0
CO28824+	CO28823	2.91	68 3-	1/0ACSR	1017	997	942	319	359	8	4	0.00	2.88	0
CO28958+	CO28824	2.97	40 3-	1/0ACSR	1013	992	937	318	197	4	2	0.00	2.88	0
CO28959+	CO28958	3.00	37 3-	1/0ACSR	1011	990	934	318	191	4	2	0.00	2.88	0
CO28960+	CO28959	3.11	31 3-	1/0ACSR	1004	982	925	317	169	3	2	0.00	2.88	0
CO28890+	CO28960	3.21	25 1-	4ACSR	0	0	913	315	130	9	6	0.02	2.90	4
CO28891+	CO28890	3.25	1 1-	4ACSR	0	0	909	314	0	0	0	0.00	2.90	0
XFMR367	CO28890	3.21	20 1-	167 KVA 1PH AUT	0	0	587	169	112	7	67	0.48	3.38	0
OH366	XFMR367	3.58	20 1-	4ACSR	0	0	558	165	112	15	11	0.26	3.64	48
CO28903	OH366	3.77	2 1-	4ACSR	0	0	544	163	15	2	1	0.01	3.65	0

Substation Power Factor: 0.98

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28904	CO28903	3.84	1 1-	4ACSR	0	0	539	163	9	1	1	0.00	3.65	0
CO28761	OH366	3.90	2 1-	4ACSR	0	0	534	162	13	1	1	0.01	3.65	0
CO28839	OH366	3.68	16 1-	4ACSR	0	0	551	164	84	11	8	0.05	3.69	6
CO28838	CO28839	3.88	13 1-	4ACSR	0	0	535	162	76	10	8	0.10	3.79	13
CO28900	CO28838	4.07	0 1-	4ACSR	0	0	521	160	0	0	0	0.00	3.79	0
CO28901	CO28900	4.13	0 1-	4ACSR	0	0	517	160	0	0	0	0.00	3.79	0
CO28902	CO28901	4.22	0 1-	4ACSR	0	0	510	159	0	0	0	0.00	3.79	0
CO28837	CO28838	4.00	13 1-	4ACSR	0	0	527	161	76	10	8	0.06	3.84	7
CO28836	CO28837	4.04	13 1-	4ACSR	0	0	524	161	76	10	8	0.02	3.86	2
CO28706	CO28836	4.19	13 1-	4ACSR	0	0	513	159	76	10	8	0.07	3.93	9
CO28834	CO28706	4.53	1 1-	4ACSR	0	0	489	156	2	0	0	0.00	3.94	0
CO28835	CO28834	4.64	1 1-	4ACSR	0	0	481	155	2	0	0	0.00	3.94	0
CO28898	CO28706	4.30	0 1-	4ACSR	0	0	505	158	0	0	0	0.00	3.93	0
CO28899	CO28898	4.41	0 1-	4ACSR	0	0	497	157	0	0	0	0.00	3.93	0
CO28976	CO28706	4.26	12 1-	4ACSR	0	0	508	158	75	10	7	0.03	3.97	4
CO28975	CO28976	4.46	12 1-	4ACSR	0	0	494	156	75	10	7	0.10	4.06	12
CO28833	CO28975	4.54	12 1-	4ACSR	0	0	488	156	75	10	7	0.04	4.10	5
CO29066	CO28833	4.72	1 1-	4ACSR	0	0	476	154	6	0	1	0.01	4.11	0
CO28871	CO29066	4.73	1 1-	4ACSR	0	0	475	154	6	0	1	0.00	4.11	0
CO28759	CO28833	4.63	1 1-	4ACSR	0	0	482	155	7	0	1	0.00	4.10	0
CO28758	CO28833	4.70	0 1-	4ACSR	0	0	478	154	0	0	0	0.00	4.10	0
CO29067	CO28833	4.75	10 1-	4ACSR	0	0	474	154	61	8	6	0.08	4.18	8
CO28808	CO29067	4.76	10 1-	4ACSR	0	0	474	154	61	8	6	0.00	4.19	0
CO29065	CO28808	4.92	2 1-	4ACSR	0	0	463	152	6	0	1	0.00	4.19	0
CO28687	CO28808	4.87	8 1-	4ACSR	0	0	466	153	55	7	6	0.04	4.22	3
CO28807	CO28687	4.91	4 1-	4ACSR	0	0	464	152	28	3	3	0.01	4.23	0
CO30469	CO28807	5.12	4 1-	4ACSR	0	0	450	150	28	3	3	0.04	4.27	0
CO29130	CO30469	5.25	0 1-	4ACSR	0	0	442	149	0	0	0	0.00	4.27	0
CO29161	CO30469	5.27	4 1-	4ACSR	0	0	441	149	28	3	3	0.02	4.29	0
CO29162	CO29161	5.33	2 1-	4ACSR	0	0	437	148	4	0	0	0.00	4.29	0
CO28688	CO28687	4.99	4 1-	4ACSR	0	0	459	151	27	3	3	0.02	4.25	0
CO29064	CO28688	5.13	0 1-	4ACSR	0	0	449	150	0	0	0	0.00	4.25	0
CO30471	CO29064	5.24	0 1-	4ACSR	0	0	443	149	0	0	0	0.00	4.25	0
CO29063	CO28688	5.03	1 1-	4ACSR	0	0	456	151	2	0	0	0.00	4.25	0
CO28728	CO28688	5.05	2 1-	4ACSR	0	0	455	151	24	3	2	0.00	4.25	0
CO28760	CO28836	4.10	0 1-	4ACSR	0	0	519	160	0	0	0	0.00	3.86	0
CO28941+	CO28960	3.18	3 1-	4ACSR	0	0	917	316	25	1	1	0.00	2.89	0
CO28942+	CO28941	3.20	2 1-	4ACSR	0	0	914	315	7	0	0	0.00	2.89	0
CO28888+	CO28942	3.25	0 1-	4ACSR	0	0	909	314	0	0	0	0.00	2.89	0
CO28889+	CO28888	3.36	0 1-	4ACSR	0	0	897	312	0	0	0	0.00	2.89	0
CO28995+	CO28824	2.92	25 1-	4ACSR	0	0	942	319	156	10	8	0.00	2.88	0
OC897+	CO28995	2.92	25 1-	10 N FUSE	0	0	942	319	156	10	108	0.00	2.88	0
CO28996+	OC897	2.97	25 1-	4ACSR	0	0	936	318	156	10	8	0.01	2.89	3
CO28825+	CO28996	3.04	21 1-	4ACSR	0	0	928	317	143	9	7	0.02	2.90	3
CO28702+	CO28825	3.23	12 1-	4ACSR	0	0	906	313	96	6	5	0.03	2.93	4
CO28748+	CO28702	3.32	1 1-	4ACSR	0	0	897	311	11	0	1	0.00	2.93	0
CO28826+	CO28702	3.29	9 1-	4ACSR	0	0	900	312	78	5	4	0.01	2.94	0
CO28827+	CO28826	3.37	9 1-	4ACSR	0	0	891	310	78	5	4	0.01	2.95	0
CO28946+	CO28827	3.47	8 1-	4ACSR	0	0	881	308	75	5	4	0.01	2.96	0
CO28947+	CO28946	3.51	7 1-	4ACSR	0	0	875	307	72	5	4	0.01	2.96	0
CO28828+	CO28947	3.56	7 1-	4ACSR	0	0	871	307	72	5	4	0.00	2.97	0
CO28746+	CO28828	3.64	1 1-	4ACSR	0	0	862	305	6	0	0	0.00	2.97	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28948+	CO28828	3.57	5 1-	4ACSR	0	0	869	306	52	3	3	0.00	2.97	0
CO29058+	CO28948	3.64	2 1-	4ACSR	0	0	862	305	23	1	1	0.00	2.97	0
CO28747+	CO29058	3.67	1 1-	4ACSR	0	0	858	305	12	0	1	0.00	2.97	0
CO29059+	CO29058	3.65	1 1-	4ACSR	0	0	861	305	11	0	1	0.00	2.97	0
CO28750+	CO28825	3.15	4 1-	4ACSR	0	0	916	314	22	1	1	0.00	2.91	0
CO28749+	CO28825	3.12	2 1-	4ACSR	0	0	918	315	6	0	0	0.00	2.90	0
CO28768+	CO28825	3.07	1 1-	2ACSR	0	0	925	316	5	0	0	0.00	2.90	0
CO28944+	CO28701	2.80	14 1-	4ACSR	0	0	951	320	53	3	3	0.00	2.87	0
CO28945+	CO28944	2.84	13 1-	4ACSR	0	0	947	319	50	3	2	0.00	2.87	0
CO28745+	CO28945	2.88	3 1-	4ACSR	0	0	943	318	8	0	0	0.00	2.87	0
CO28744+	CO28945	2.88	1 1-	4ACSR	0	0	942	318	12	0	1	0.00	2.87	0
CO28743+	CO28945	2.91	3 1-	4ACSR	0	0	939	318	7	0	0	0.00	2.87	0
CO28886+	CO28945	2.95	6 1-	4ACSR	0	0	935	317	23	1	1	0.00	2.87	0
CO28887+	CO28886	3.02	0 1-	4ACSR	0	0	926	315	0	0	0	0.00	2.87	0
CO28694+	CO29000	2.36	7 3-	1/0ACSR	1057	1041	995	325	9	0	0	0.00	2.80	0
CO28875+	CO28694	2.40	4 1-	4ACSR	0	0	990	324	3	0	0	0.00	2.79	0
CO28876+	CO28875	2.43	4 1-	4ACSR	0	0	987	323	3	0	0	0.00	2.79	0
CO28763+	CO29000	2.29	0 1-	4/0ACSR	0	0	1003	326	0	0	0	0.00	2.79	0
CO28829+	CO28813	2.13	592 3-	1/0CU	1075	1061	1019	328	4040	91	30	0.03	2.80	172
CO28830+	CO28829	2.24	592 3-	1/0CU	1068	1053	1010	327	4039	91	30	0.06	2.86	335
CO28703+	CO28830	2.43	8 3-	4ACSR	1051	1033	985	323	56	1	1	0.00	2.86	0
CO28831+	CO28703	2.55	7 3-	4ACSR	1040	1020	971	320	47	1	1	0.00	2.86	0
CO28832+	CO28831	2.62	7 3-	4ACSR	1035	1014	963	319	47	1	1	0.00	2.86	0
CO28910+	CO28832	2.64	1 1-	4ACSR	0	0	960	318	8	0	0	0.00	2.86	0
CO28973+	CO28832	2.68	5 1-	4ACSR	0	0	956	318	37	2	2	0.00	2.87	0
CO29075+	CO28973	2.73	1 1-	4ACSR	0	0	949	317	14	0	1	0.00	2.87	0
CO28974+	CO28973	2.69	4 1-	4ACSR	0	0	954	317	22	1	1	0.00	2.87	0
CO28892+	CO28974	2.71	4 1-	4ACSR	0	0	952	317	22	1	1	0.00	2.87	0
CO28751+	CO28703	2.49	1 1-	4ACSR	0	0	978	321	9	0	0	0.00	2.86	0
CO28966+	CO28830	2.45	584 3-	1/0CU	1055	1038	991	325	3982	90	29	0.11	2.96	628
CO29073+	CO28966	2.70	583 3-	1/0CU	1040	1022	971	323	3965	90	29	0.12	3.08	717
CO29054+	CO29073	2.83	582 3-	1/0CU	1032	1013	960	322	3959	90	29	0.07	3.15	398
CO29055+	CO29054	2.90	579 3-	1/0CU	1027	1008	955	322	3950	90	29	0.04	3.18	210
CO28704+	CO29055	3.05	579 3-	1/0CU	1019	998	943	320	3949	90	29	0.07	3.25	417
CO30425+	CO28704	3.20	572 3-	1/0CU	1010	989	932	319	3901	89	29	0.07	3.33	426
CO30428+	CO30425	3.27	2 1-	4ACSR	0	0	924	318	5	0	0	0.00	3.32	0
CO28350+	CO30425	3.29	1 1-	4ACSR	0	0	922	317	8	0	0	0.00	3.32	0
CO28311+	CO30425	3.27	569 3-	1/0CU	1006	984	927	319	3887	88	29	0.03	3.36	202
CO28567+	CO28311	3.48	2 3-	4ACSR	989	964	904	315	47	1	1	0.00	3.36	0
CO28568+	CO28567	3.72	2 3-	4ACSR	969	940	878	310	47	1	1	0.00	3.37	0
CO1674805093+	CO28568	4.03	0 1-	2ACSR	0	0	851	306	0	0	0	0.00	3.36	0
CO28569+	CO28568	3.76	1 3-	4ACSR	965	936	874	309	0	0	0	0.00	3.37	0
CO1319228516+	CO28569	3.79	1 1-	2ACSR	0	0	872	309	0	0	0	0.00	3.36	0
CO-691419260+	CO1319228516	3.82	1 1-	2ACSR	0	0	868	308	0	0	0	0.00	3.36	0
CO28565+	CO28311	3.30	567 3-	1/0CU	1004	982	924	319	3839	87	28	0.02	3.38	96
CO28566+	CO28565	3.36	567 3-	1/0CU	1001	979	920	318	3839	87	28	0.03	3.40	153
CO28349+	CO28566	3.43	1 1-	4ACSR	0	0	912	317	12	0	1	0.00	3.40	0
CO28562+	CO28566	3.40	566 3-	1/0CU	999	976	917	318	3826	87	28	0.02	3.42	110
CO28563+	CO28562	3.53	566 3-	1/0CU	991	968	908	317	3826	87	28	0.06	3.48	361
CO28564+	CO28563	3.55	566 3-	1/0CU	990	967	906	317	3824	87	28	0.01	3.49	55
CO28351+	CO28564	3.64	2 1-	4ACSR	0	0	897	315	12	0	1	0.00	3.49	0
CO28310+	CO28564	3.67	563 3-	1/0CU	984	960	898	316	3810	87	28	0.05	3.55	314

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28352+	CO28310	3.69	1 1-	4ACSR	0	0	896	315	6	0	0	0.00	3.54	0
CO28309+	CO28310	3.69	562 3-	1/0CU	982	958	896	316	3802	86	28	0.01	3.56	79
CO30689+	CO28309	3.70	0 3-	6HDCU	982	958	896	316	1057	24	19	0.00	3.56	2
OC882+	CO30689	3.70	0 3-	70 E OCR	982	958	896	316	0	0	0	0.00	3.56	0
CO28597+	CO28309	3.70	196 3-	6HDCU	982	958	896	316	1057	24	18	0.00	3.56	3
MTP28598+	CO28597	3.70	196 3-	Node	982	958	896	316	1057	24	0	0.00	3.56	0
CO28598+	MTP28598	3.71	196 3-	6HDCU	981	956	894	315	1057	24	19	0.01	3.57	12
CO28560+	CO28598	3.79	195 3-	6HDCU	975	950	887	314	1055	24	19	0.04	3.60	64
CO28561+	CO28560	3.93	195 3-	6HDCU	964	937	873	311	1054	24	19	0.07	3.67	120
CO28308+	CO28561	3.98	194 3-	1/0ACSR	961	933	868	311	1053	24	11	0.01	3.68	20
CO28377+	CO28308	4.02	1 1-	2ACSR	0	0	865	310	9	0	0	0.00	3.68	0
CO28556+	CO28308	4.18	193 3-	1/0ACSR	948	919	853	309	1044	24	11	0.04	3.73	67
CO28557+	CO28556	4.25	191 3-	1/0ACSR	944	914	848	308	1041	24	11	0.01	3.74	21
CO28555+	CO28557	4.32	190 3-	1/0ACSR	939	909	842	307	1033	24	10	0.02	3.75	25
CO28348+	CO28555	4.40	1 1-	4ACSR	0	0	835	306	3	0	0	0.00	3.75	0
CO28551+	CO28555	4.40	3 1-	4ACSR	0	0	835	306	10	0	0	0.00	3.75	0
CO28552+	CO28551	4.44	2 1-	4ACSR	0	0	831	305	7	0	0	0.00	3.75	0
CO28553+	CO28552	4.50	2 1-	4ACSR	0	0	826	304	7	0	0	0.00	3.75	0
CO28554+	CO28553	4.55	1 1-	2ACSR	0	0	821	303	4	0	0	0.00	3.75	0
CO28549+	CO28555	4.38	186 3-	1/0ACSR	936	905	838	307	1020	23	10	0.01	3.77	19
CO28550+	CO28549	4.44	185 3-	1/0ACSR	932	901	834	306	1014	23	10	0.01	3.78	18
CO28299+	CO28550	4.49	182 3-	1/0ACSR	929	898	830	306	1003	23	10	0.01	3.79	15
CO28547+	CO28299	4.53	179 3-	1/0ACSR	927	895	827	305	973	22	10	0.01	3.80	12
CO28548+	CO28547	4.64	177 3-	1/0ACSR	920	888	819	304	956	22	10	0.02	3.82	30
CO736615418+	CO28548	4.70	0 1-	2ACSR	0	0	814	304	0	0	0	0.00	3.81	0
CO399653303+	CO736615418	4.75	0 1-	2ACSR	0	0	810	303	0	0	0	0.00	3.81	0
CO773899197+	CO399653303	4.80	0 1-	2ACSR	0	0	806	302	0	0	0	0.00	3.81	0
CO28538+	CO28548	4.66	159 3-	1/0ACSR	919	887	818	304	832	19	8	0.00	3.82	4
CO28539+	CO28538	4.74	159 3-	1/0ACSR	914	881	812	303	832	19	8	0.01	3.83	18
CO28298+	CO28539	4.82	0 1-	6ACWC	0	0	805	302	0	0	0	0.00	3.83	0
CO28342+	CO28298	4.90	0 1-	6ACWC	0	0	798	301	0	0	0	0.00	3.83	0
CO28532+	CO28539	4.81	156 3-	1/0ACSR	910	877	807	303	812	18	8	0.01	3.85	14
CO28533+	CO28532	4.85	154 3-	1/0ACSR	908	875	804	302	792	18	8	0.01	3.85	7
CO28297+	CO28533	4.92	152 3-	1/0ACSR	903	870	799	302	784	18	8	0.01	3.86	14
CO28528+	CO28297	4.97	1 1-	4ACSR	0	0	795	301	4	0	0	0.00	3.86	0
CO28529+	CO28528	5.02	1 1-	4ACSR	0	0	791	300	4	0	0	0.00	3.86	0
CO28526+	CO28297	4.95	3 1-	4ACSR	0	0	797	301	10	0	1	0.00	3.86	0
CO28527+	CO28526	5.05	1 1-	4ACSR	0	0	788	299	6	0	0	0.00	3.86	0
CO28524+	CO28297	4.95	2 1-	4ACSR	0	0	797	301	12	0	1	0.00	3.86	0
CO-929806305+	CO28524	4.96	0 1-	2ACSR	0	0	796	301	0	0	0	0.00	3.86	0
CO28525+	CO28524	4.96	2 1-	4ACSR	0	0	795	301	12	0	1	0.00	3.86	0
CO28522+	CO28297	4.98	145 3-	1/0ACSR	900	866	795	301	757	17	8	0.01	3.87	11
CO28523+	CO28522	5.04	143 3-	1/0ACSR	896	862	791	301	754	17	8	0.01	3.88	11
CO28443+	CO28523	5.07	76 3-	1/0ACSR	895	861	789	300	390	9	4	0.00	3.88	0
CO28444+	CO28443	5.08	75 3-	1/0ACSR	894	860	788	300	387	9	4	0.00	3.88	0
CO28445+	CO28444	5.13	75 3-	1/0ACSR	891	857	785	300	387	9	4	0.00	3.89	2
CO28340+	CO28445	5.15	5 1-	4ACSR	0	0	783	299	18	1	1	0.00	3.89	0
CO28324+	CO28445	5.21	35 3-	1/0ACSR	886	852	780	299	180	4	2	0.00	3.89	0
CO28316+	CO28324	5.52	24 3-	1/0ACSR	870	833	760	296	141	3	1	0.01	3.90	0
CO-1734286821+	CO28316	5.61	24 1-	2ACSR	0	0	754	295	141	9	5	0.01	3.91	3
OC27595705+	CO-1734286821	5.61	24 1-	20 N FUSE	0	0	754	295	141	9	49	0.00	3.91	0
CO898308174+	OC27595705	5.69	24 1-	2ACSR	0	0	748	294	141	9	5	0.01	3.92	3

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-2053102347+	CO898308174	5.82	21 1-	2ACSR	0	0	739	292	131	9	5	0.02	3.94	4
CO422486170+	CO-2053102347	5.86	1 1-	2ACSR	0	0	737	292	3	0	0	0.00	3.94	0
CO382354984+	CO-2053102347	5.90	20 1-	2ACSR	0	0	734	292	127	8	5	0.01	3.95	2
CO28425+	CO382354984	5.95	17 1-	4ACSR	0	0	730	291	93	6	5	0.01	3.96	0
CO28426+	CO28425	6.06	16 1-	4ACSR	0	0	722	289	91	6	5	0.02	3.98	2
CO30426+	CO28426	6.20	13 1-	4ACSR	0	0	710	286	77	5	4	0.02	4.00	2
CO28115+	CO30426	6.35	13 1-	4ACSR	0	0	699	284	77	5	4	0.02	4.01	2
CO28070+	CO28115	6.45	2 1-	2ACSR	0	0	693	283	12	0	0	0.00	4.01	0
CO28110+	CO28115	6.43	11 1-	2ACSR	0	0	694	283	65	4	3	0.01	4.02	0
CO28111+	CO28110	6.57	11 1-	2ACSR	0	0	686	282	65	4	3	0.01	4.03	0
CO28113+	CO28111	6.67	2 1-	2ACSR	0	0	680	281	3	0	0	0.00	4.03	0
CO28114+	CO28113	6.75	0 1-	2ACSR	0	0	675	280	0	0	0	0.00	4.03	0
CO28112+	CO28111	6.63	9 1-	2ACSR	0	0	682	281	62	4	2	0.00	4.03	0
CO28109+	CO28112	6.70	9 1-	2ACSR	0	0	678	280	62	4	2	0.01	4.04	0
CO28108+	CO28109	6.76	9 1-	2ACSR	0	0	674	279	62	4	2	0.00	4.04	0
CO28107+	CO28108	6.80	9 1-	2ACSR	0	0	672	279	62	4	2	0.00	4.05	0
CO28106+	CO28107	6.85	9 1-	2ACSR	0	0	669	278	62	4	2	0.00	4.05	0
CO28043+	CO28106	6.92	1 1-	4ACSR	0	0	665	277	16	1	1	0.00	4.05	0
CO28104+	CO28106	6.93	8 1-	2ACSR	0	0	664	278	47	3	2	0.00	4.05	0
CO28105+	CO28104	7.02	8 1-	2ACSR	0	0	660	277	47	3	2	0.00	4.06	0
CO28103+	CO28105	7.09	8 1-	2ACSR	0	0	656	276	47	3	2	0.00	4.06	0
CO28020+	CO28103	7.18	4 1-	2ACSR	0	0	650	275	6	0	0	0.00	4.06	0
CO28117+	CO28020	7.22	4 1-	4ACSR	0	0	648	274	6	0	0	0.00	4.06	0
CO28116+	CO28117	7.26	3 1-	4ACSR	0	0	645	274	2	0	0	0.00	4.06	0
CO28018+	CO28116	7.38	2 1-	4ACSR	0	0	637	272	2	0	0	0.00	4.06	0
CO28044+	CO28018	7.41	2 1-	4ACSR	0	0	635	271	2	0	0	0.00	4.06	0
CO28017+	CO28018	7.48	0 1-	4ACSR	0	0	631	270	0	0	0	0.00	4.06	0
CO28019+	CO28017	7.51	0 1-	4ACSR	0	0	629	270	0	0	0	0.00	4.06	0
CO28119+	CO28019	7.85	0 1-	4ACSR	0	0	608	265	0	0	0	0.00	4.06	0
CO28120+	CO28119	8.00	0 1-	4ACSR	0	0	599	263	0	0	0	0.00	4.06	0
CO28121+	CO28120	8.15	0 1-	4ACSR	0	0	590	261	0	0	0	0.00	4.06	0
CO28118+	CO28117	7.25	0 1-	4ACSR	0	0	646	274	0	0	0	0.00	4.06	0
CO28101+	CO28103	7.15	4 1-	2ACSR	0	0	652	275	40	2	2	0.00	4.06	0
CO28102+	CO28101	7.19	4 1-	2ACSR	0	0	650	275	40	2	2	0.00	4.07	0
CO28100+	CO28102	7.22	4 1-	2ACSR	0	0	648	274	40	2	2	0.00	4.07	0
CO28099+	CO28100	7.39	4 1-	2ACSR	0	0	639	273	40	2	2	0.01	4.07	0
CO239927185+	CO28099	7.44	1 1-	2ACSR	0	0	636	272	10	0	0	0.00	4.07	0
CO28045+	CO28099	7.62	3 1-	4ACSR	0	0	624	269	31	2	2	0.01	4.09	0
CO507127360+	CO28045	7.97	1 1-	2ACSR	0	0	607	266	6	0	0	0.00	4.09	0
CO28097+	CO28045	7.70	2 1-	4ACSR	0	0	619	268	24	1	1	0.00	4.09	0
CO-365168624+	CO28097	7.81	0 1-	2ACSR	0	0	614	267	0	0	0	0.00	4.09	0
CO-1107506301+	CO28097	7.80	1 1-	2ACSR	0	0	614	267	9	0	0	0.00	4.09	0
CO28096+	CO28099	7.60	0 1-	2ACSR	0	0	628	270	0	0	0	0.00	4.07	0
CO28095+	CO28096	7.62	0 1-	2ACSR	0	0	627	270	0	0	0	0.00	4.07	0
CO28094+	CO28095	7.66	0 1-	2ACSR	0	0	625	270	0	0	0	0.00	4.07	0
CO28093+	CO28094	7.69	0 1-	2ACSR	0	0	623	269	0	0	0	0.00	4.07	0
CO28092+	CO28093	7.78	0 1-	2ACSR	0	0	619	269	0	0	0	0.00	4.07	0
CO28196+	CO28092	7.81	0 1-	2ACSR	0	0	617	268	0	0	0	0.00	4.07	0
#SW865-B+	CO28196	7.81	0 1-	Open	0	0	617	268	0	0	0	0.00	4.07	0
CO28427+	CO28426	6.15	3 1-	4ACSR	0	0	714	287	15	1	1	0.00	3.98	0
CO30431+	CO28427	6.22	2 1-	4ACSR	0	0	709	286	7	0	0	0.00	3.98	0
CO28134+	CO30431	6.26	2 1-	4ACSR	0	0	706	286	7	0	0	0.00	3.98	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28067+	CO28134	6.31	1 1-	2ACSR	0	0	703	285	0	0	0	0.00	3.98	0
CO28135+	CO28134	6.30	1 1-	4ACSR	0	0	703	285	7	0	0	0.00	3.98	0
CO28362+	CO382354984	5.92	3 1-	4ACSR	0	0	732	291	34	2	2	0.00	3.96	0
CO-753009952+	CO28362	5.96	2 1-	2ACSR	0	0	729	291	22	1	1	0.00	3.96	0
CO1544102642+	CO-753009952	5.98	1 1-	2ACSR	0	0	728	290	9	0	0	0.00	3.96	0
CO160279021+	CO-2053102347	5.84	0 1-	2ACSR	0	0	738	292	0	0	0	0.00	3.94	0
CO138472408+	CO898308174	5.77	0 1-	2ACSR	0	0	743	293	0	0	0	0.00	3.92	0
CO1086450442+	CO898308174	5.75	3 1-	2ACSR	0	0	744	293	10	0	0	0.00	3.92	0
CO28424+	CO1086450442	5.81	1 1-	4ACSR	0	0	739	292	1	0	0	0.00	3.92	0
CO28587+	CO28324	5.22	11 1-	4ACSR	0	0	779	299	39	2	2	0.00	3.90	0
OC869+	CO28587	5.22	11 1-	15 H OCR	0	0	779	299	39	2	18	0.00	3.90	0
CO28588+	OC869	5.53	11 1-	4ACSR	0	0	753	294	39	2	2	0.02	3.92	0
CO28422+	CO28588	5.58	10 1-	4ACSR	0	0	749	293	34	2	2	0.00	3.92	0
CO28421+	CO28422	5.80	10 1-	4ACSR	0	0	731	289	34	2	2	0.01	3.93	0
CO28578+	CO28421	6.09	9 1-	4ACSR	0	0	708	284	32	2	2	0.01	3.94	0
CO28288+	CO28578	6.16	7 1-	4ACSR	0	0	703	283	31	2	2	0.00	3.95	0
CO28326+	CO28288	6.32	2 1-	4ACSR	0	0	691	281	3	0	0	0.00	3.95	0
CO28289+	CO28288	6.26	5 1-	4ACSR	0	0	695	282	28	1	1	0.00	3.95	0
CO28290+	CO28289	6.31	4 1-	4ACSR	0	0	692	281	28	1	1	0.00	3.95	0
CO28419+	CO28290	6.37	4 1-	4ACSR	0	0	687	280	28	1	1	0.00	3.96	0
CO28420+	CO28419	6.46	4 1-	4ACSR	0	0	680	278	28	1	1	0.00	3.96	0
CO28417+	CO28420	6.56	4 1-	4ACSR	0	0	673	277	28	1	1	0.00	3.97	0
CO28418+	CO28417	6.77	4 1-	4ACSR	0	0	658	274	28	1	1	0.01	3.98	0
CO28416+	CO28418	6.90	4 1-	4ACSR	0	0	650	272	28	1	1	0.01	3.98	0
CO28415+	CO28416	6.99	4 1-	4ACSR	0	0	643	271	28	1	1	0.00	3.98	0
CO28414+	CO28415	7.36	3 1-	4ACSR	0	0	619	265	18	1	1	0.01	3.99	0
CO28412+	CO28414	7.41	1 1-	4ACSR	0	0	616	265	0	0	0	0.00	3.99	0
CO28329+	CO28412	7.44	1 1-	4ACSR	0	0	614	264	0	0	0	0.00	3.99	0
CO28413+	CO28412	7.54	0 1-	4ACSR	0	0	608	263	0	0	0	0.00	3.99	0
CO28328+	CO28414	7.52	1 1-	4ACSR	0	0	609	263	15	1	1	0.00	4.00	0
CO28327+	CO28289	6.45	1 1-	4ACSR	0	0	681	279	0	0	0	0.00	3.95	0
CO28325+	CO28578	6.11	2 1-	4ACSR	0	0	706	284	1	0	0	0.00	3.94	0
CO28589+	CO28445	5.14	35 1-	4ACSR	0	0	785	300	189	13	9	0.00	3.89	0
OC884+	CO28589	5.14	35 1-	20 N FUSE	0	0	785	300	189	13	66	0.00	3.89	0
CO28590+	OC884	5.17	35 1-	4ACSR	0	0	782	299	189	13	9	0.01	3.90	3
CO28428+	CO28590	5.19	35 1-	4ACSR	0	0	780	299	189	13	9	0.01	3.90	0
CO28429+	CO28428	5.26	32 1-	4ACSR	0	0	774	297	176	12	9	0.02	3.92	6
CO28430+	CO28429	5.33	32 1-	4ACSR	0	0	768	296	176	12	9	0.02	3.94	5
CO28431+	CO28430	5.43	32 1-	4ACSR	0	0	760	295	176	12	9	0.03	3.97	7
CO28432+	CO28431	5.48	31 1-	4ACSR	0	0	756	294	168	11	8	0.01	3.98	4
CO28433+	CO28432	5.55	30 1-	4ACSR	0	0	749	292	168	11	8	0.02	4.00	5
CO28435+	CO28433	5.62	29 1-	4ACSR	0	0	744	291	156	10	8	0.02	4.02	4
CO28436+	CO28435	5.65	27 1-	4ACSR	0	0	742	291	154	10	8	0.01	4.03	0
CO28434+	CO28436	5.69	27 1-	4ACSR	0	0	739	290	154	10	8	0.01	4.03	2
CO28317+	CO28434	5.76	24 1-	4ACSR	0	0	732	289	135	9	7	0.02	4.05	4
CO28358+	CO28317	5.83	1 1-	4ACSR	0	0	727	288	3	0	0	0.00	4.05	0
CO28357+	CO28317	5.81	1 1-	4ACSR	0	0	728	288	1	0	0	0.00	4.05	0
CO28318+	CO28317	5.92	22 1-	4ACSR	0	0	719	286	131	9	7	0.03	4.08	7
CO28441+	CO28318	6.08	17 1-	4ACSR	0	0	707	284	111	7	6	0.03	4.11	5
CO28442+	CO28441	6.16	16 1-	4ACSR	0	0	701	283	111	7	6	0.01	4.13	2
CO30432+	CO28442	6.25	15 1-	4ACSR	0	0	694	281	101	7	5	0.02	4.14	2
CO28016+	CO30432	6.29	1 1-	4ACSR	0	0	691	280	3	0	0	0.00	4.14	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28175+	CO30432	6.30	4 1-	4ACSR	0	0	691	280	21	1	1	0.00	4.14	0
CO28176+	CO28175	6.37	2 1-	4ACSR	0	0	685	279	15	1	1	0.00	4.14	0
CO28177+	CO28176	6.43	1 1-	4ACSR	0	0	681	278	9	0	0	0.00	4.14	0
CO28169+	CO30432	6.31	9 1-	4ACSR	0	0	690	280	69	4	3	0.01	4.15	0
CO28170+	CO28169	6.39	7 1-	4ACSR	0	0	684	279	50	3	2	0.01	4.15	0
CO28171+	CO28170	6.43	6 1-	4ACSR	0	0	681	278	39	2	2	0.00	4.15	0
CO28172+	CO28171	6.53	5 1-	4ACSR	0	0	674	277	28	1	1	0.00	4.16	0
CO28015+	CO28172	6.76	1 1-	4ACSR	0	0	657	273	0	0	0	0.00	4.16	0
CO28042+	CO28015	6.87	1 1-	4ACSR	0	0	650	272	0	0	0	0.00	4.16	0
CO28041+	CO28015	6.95	0 1-	4ACSR	0	0	644	271	0	0	0	0.00	4.16	0
CO28173+	CO28172	6.59	2 1-	4ACSR	0	0	670	276	15	1	1	0.00	4.16	0
CO28066+	CO28173	6.63	2 1-	750 MCM - 42 Wi	0	0	669	276	15	1	0	0.00	4.16	0
CO28174+	CO28173	6.64	0 1-	4ACSR	0	0	666	275	0	0	0	0.00	4.16	0
CO28439+	CO28318	5.99	5 1-	4ACSR	0	0	714	285	20	1	1	0.00	4.09	0
CO28440+	CO28439	6.04	1 1-	4ACSR	0	0	710	284	15	1	1	0.00	4.09	0
CO28437+	CO28434	5.78	3 1-	4ACSR	0	0	731	289	19	1	1	0.00	4.04	0
CO28438+	CO28437	5.87	1 1-	4ACSR	0	0	723	287	7	0	0	0.00	4.04	0
CO28341+	CO28523	5.09	3 1-	4ACSR	0	0	787	300	10	0	1	0.00	3.88	0
CO28591+	CO28523	5.05	62 1-	4ACSR	0	0	790	300	346	24	17	0.00	3.88	0
OC870+	CO28591	5.05	62 1-	35 E OCR	0	0	790	300	346	24	69	0.00	3.88	0
CO28592+	OC870	5.08	62 1-	4ACSR	0	0	788	300	346	24	17	0.02	3.90	9
CO28446+	CO28592	5.10	61 1-	4ACSR	0	0	786	300	332	23	17	0.01	3.91	5
CO28447+	CO28446	5.12	59 1-	4ACSR	0	0	784	299	312	21	16	0.01	3.92	6
CO28364+	CO28447	5.18	2 1-	4ACSR	0	0	779	298	21	1	1	0.00	3.92	0
CO28448+	CO28447	5.20	52 1-	4ACSR	0	0	778	298	280	19	14	0.03	3.95	14
CO28449+	CO28448	5.28	49 1-	4ACSR	0	0	770	296	270	18	13	0.04	3.99	16
CO28450+	CO28449	5.31	47 1-	4ACSR	0	0	768	296	259	18	13	0.01	4.00	4
CO28451+	CO28450	5.38	46 1-	4ACSR	0	0	762	295	251	17	13	0.03	4.03	11
CO28339+	CO28451	5.41	2 1-	4ACSR	0	0	759	294	9	0	0	0.00	4.03	0
CO28452+	CO28451	5.48	44 1-	4ACSR	0	0	754	293	242	16	12	0.04	4.06	14
CO28453+	CO28452	5.50	43 1-	4ACSR	0	0	752	293	235	16	12	0.01	4.07	3
CO28454+	CO28453	5.53	42 1-	4ACSR	0	0	750	292	226	15	11	0.01	4.08	3
CO1802451650+	CO28454	5.61	2 1-	2ACSR	0	0	744	291	11	0	0	0.00	4.08	0
CO28455+	CO28454	5.65	40 1-	4ACSR	0	0	739	290	215	15	11	0.04	4.12	15
CO28366+	CO28455	5.67	2 1-	2ACSR	0	0	738	290	4	0	0	0.00	4.12	0
CO28456+	CO28455	5.71	38 1-	4ACSR	0	0	734	289	212	14	11	0.02	4.15	8
CO28457+	CO28456	5.75	37 1-	4ACSR	0	0	731	288	206	14	10	0.01	4.16	4
CO28458+	CO28457	5.85	36 1-	4ACSR	0	0	724	287	201	14	10	0.03	4.19	10
CO28459+	CO28458	5.88	36 1-	4ACSR	0	0	721	286	201	14	10	0.01	4.20	3
CO28375+	CO28459	5.97	1 1-	2ACSR	0	0	715	285	7	0	0	0.00	4.20	0
CO28460+	CO28459	5.98	35 1-	4ACSR	0	0	713	285	194	13	10	0.03	4.23	10
CO28305+	CO28460	6.09	33 1-	4ACSR	0	0	704	283	174	12	9	0.03	4.26	9
CO-1924669892+	CO28305	6.19	1 1-	2ACSR	0	0	698	282	15	1	1	0.00	4.26	0
CO-1452547899+	CO-1924669892	6.23	0 1-	2ACSR	0	0	696	281	0	0	0	0.00	4.26	0
CO-1647662845+	CO-1924669892	6.27	1 1-	2ACSR	0	0	693	281	15	1	1	0.00	4.26	0
CO-2005018793+	CO-1647662845	6.33	1 1-	2ACSR	0	0	689	280	15	1	1	0.00	4.26	0
CO28461+	CO28305	6.14	1 1-	4ACSR	0	0	701	282	2	0	0	0.00	4.26	0
CO28304+	CO28305	6.15	31 1-	4ACSR	0	0	700	282	157	10	8	0.01	4.28	4
CO28303+	CO28304	6.32	5 1-	4ACSR	0	0	687	279	18	1	1	0.00	4.28	0
CO28301+	CO28303	6.44	3 1-	4ACSR	0	0	679	278	7	0	0	0.00	4.28	0
CO28300+	CO28301	6.57	0 1-	4ACSR	0	0	669	276	0	0	0	0.00	4.28	0
XFMR113	CO28300	6.57	0 1-	167 KVA 1PH AUT	0	0	533	163	0	0	0	0.00	4.28	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28483+	CO28301	6.52	3 1-	4ACSR	0	0	673	276	7	0	0	0.00	4.28	0
CO28484+	CO28483	6.56	2 1-	4ACSR	0	0	670	276	6	0	0	0.00	4.28	0
CO28485+	CO28303	6.40	1 1-	4ACSR	0	0	682	278	2	0	0	0.00	4.28	0
CO28486+	CO28485	6.45	1 1-	4ACSR	0	0	678	277	2	0	0	0.00	4.28	0
CO28302+	CO28304	6.20	24 1-	4ACSR	0	0	696	281	132	9	7	0.01	4.29	2
CO28465+	CO28302	6.30	18 1-	4ACSR	0	0	689	280	112	7	6	0.02	4.30	3
CO28466+	CO28465	6.42	16 1-	4ACSR	0	0	680	278	96	6	5	0.02	4.32	3
CO28471+	CO28466	6.46	11 1-	4ACSR	0	0	677	277	76	5	4	0.01	4.33	0
CO1466221543+	CO28471	6.51	1 1-	2ACSR	0	0	674	277	9	0	0	0.00	4.33	0
CO28472+	CO28471	6.60	9 1-	4ACSR	0	0	667	275	63	4	3	0.01	4.34	0
CO28473+	CO28472	6.70	9 1-	2ACSR	0	0	661	274	63	4	2	0.01	4.35	0
CO584360241+	CO28473	6.85	1 1-	2ACSR	0	0	652	272	12	0	0	0.00	4.35	0
CO1365140619+	CO28473	6.91	7 1-	2ACSR	0	0	649	272	51	3	2	0.01	4.36	0
CO28474+	CO1365140619	6.98	1 1-	4ACSR	0	0	645	271	10	0	0	0.00	4.36	0
CO28475+	CO28474	7.04	0 1-	4ACSR	0	0	640	270	0	0	0	0.00	4.36	0
CO28476+	CO1365140619	7.06	6 1-	4ACSR	0	0	639	270	41	2	2	0.01	4.37	0
CO28477+	CO28476	7.09	5 1-	4ACSR	0	0	637	269	29	2	1	0.00	4.37	0
CO28478+	CO28477	7.17	5 1-	4ACSR	0	0	632	268	29	2	1	0.00	4.37	0
CO28479+	CO28478	7.25	5 1-	4ACSR	0	0	626	267	29	2	1	0.00	4.38	0
CO28480+	CO28479	7.33	5 1-	4ACSR	0	0	621	266	29	2	1	0.00	4.38	0
CO28359+	CO28480	7.39	1 1-	4ACSR	0	0	618	265	9	0	0	0.00	4.38	0
CO28481+	CO28480	7.41	3 1-	4ACSR	0	0	617	265	17	1	1	0.00	4.38	0
CO577165033+	CO28481	7.47	1 1-	2ACSR	0	0	613	264	13	0	1	0.00	4.38	0
CO28482+	CO28481	7.44	2 1-	4ACSR	0	0	614	264	4	0	0	0.00	4.38	0
CO28467+	CO28466	6.55	5 1-	4ACSR	0	0	670	276	19	1	1	0.00	4.32	0
CO28469+	CO28467	6.63	2 1-	4ACSR	0	0	665	275	10	0	0	0.00	4.33	0
CO28470+	CO28469	6.70	1 1-	4ACSR	0	0	660	274	10	0	0	0.00	4.33	0
CO28468+	CO28467	6.61	3 1-	4ACSR	0	0	666	275	9	0	0	0.00	4.32	0
CO28344+	CO28468	6.70	1 1-	4ACSR	0	0	660	274	9	0	0	0.00	4.33	0
CO28463+	CO28302	6.22	3 1-	4ACSR	0	0	694	281	6	0	0	0.00	4.29	0
CO28464+	CO28463	6.26	1 1-	4ACSR	0	0	692	280	1	0	0	0.00	4.29	0
CO28368+	CO28302	6.24	3 1-	4ACSR	0	0	694	281	13	0	1	0.00	4.29	0
CO28346+	CO28460	6.09	1 1-	4ACSR	0	0	704	283	15	1	1	0.00	4.23	0
CO28338+	CO28456	5.77	1 1-	4ACSR	0	0	730	288	5	0	0	0.00	4.15	0
CO28530+	CO28533	4.94	1 1-	4ACSR	0	0	796	301	0	0	0	0.00	3.85	0
CO28531+	CO28530	5.08	1 1-	4ACSR	0	0	784	298	0	0	0	0.00	3.85	0
CO28534+	CO28539	4.76	0 1-	2ACSR	0	0	810	303	0	0	0	0.00	3.83	0
CO28535+	CO28534	4.80	0 1-	2ACSR	0	0	807	303	0	0	0	0.00	3.83	0
CO28540+	CO28548	4.75	15 1-	2ACSR	0	0	810	303	110	7	4	0.01	3.83	2
CO28541+	CO28540	4.78	14 1-	2ACSR	0	0	808	303	110	7	4	0.00	3.83	0
CO28542+	CO28541	4.84	13 1-	2ACSR	0	0	803	302	102	7	4	0.01	3.84	0
CO28376+	CO28542	4.85	1 1-	2ACSR	0	0	802	302	6	0	0	0.00	3.84	0
CO28543+	CO28542	4.89	12 1-	2ACSR	0	0	799	301	96	6	4	0.01	3.84	0
CO28544+	CO28543	4.95	9 1-	2ACSR	0	0	795	300	73	5	3	0.00	3.85	0
CO28373+	CO28544	4.99	2 1-	2ACSR	0	0	791	300	18	1	1	0.00	3.85	0
CO28545+	CO28544	4.98	6 1-	2ACSR	0	0	792	300	48	3	2	0.00	3.85	0
CO28546+	CO28545	5.03	3 1-	2ACSR	0	0	789	299	18	1	1	0.00	3.85	0
CO28374+	CO28545	5.03	2 1-	2ACSR	0	0	788	299	18	1	1	0.00	3.85	0
CO28372+	CO28543	4.93	2 1-	4ACSR	0	0	795	300	13	0	1	0.00	3.84	0
CO28343+	CO28299	4.55	3 1-	4ACSR	0	0	824	305	29	2	1	0.00	3.79	0
CO28356+	CO28550	4.57	3 3-	4ACSR	922	889	821	304	11	0	0	0.00	3.78	0
CO28575+	CO28356	4.65	2 1-	4ACSR	0	0	814	302	10	0	1	0.00	3.78	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28576+	CO28575	4.72	2 1-	4ACSR	0	0	807	301	10	0	1	0.00	3.79	0
CO28577+	CO28576	4.80	2 1-	4ACSR	0	0	800	300	10	0	1	0.00	3.79	0
CO28574+	CO28356	4.63	1 1-	4ACSR	0	0	816	303	1	0	0	0.00	3.78	0
CO28558+	CO28561	4.10	1 1-	1/0CU	0	0	861	310	0	0	0	0.00	3.68	0
CO28559+	CO28558	4.17	1 1-	1/0CU	0	0	857	310	0	0	0	0.00	3.68	0
CA74+	CO28597	3.70	0 3-	Capacitor	982	958	896	316	0	-7	0	0.00	3.56	0
CO28322+	CO28309	3.75	366 3-	1/0CU	980	955	893	315	1688	39	13	0.01	3.57	28
CO28595+	CO28322	3.75	133 3-	1/0ACSR	979	955	892	315	585	13	6	0.00	3.57	0
OC878+	CO28595	3.75	133 3-	35 E OCR	979	955	892	315	585	13	39	0.00	3.57	0
CO28596+	OC878	3.77	133 3-	1/0ACSR	978	954	891	315	585	13	6	0.00	3.57	0
CO28370+	CO28596	3.80	1 1-	2ACSR	0	0	888	315	9	0	0	0.00	3.57	0
CO28371+	CO28370	3.87	1 1-	1/0PRIURD	0	0	883	598	9	0	0	0.00	3.57	0
CO28570+	CO28596	3.86	132 3-	1/0ACSR	972	947	883	314	575	13	6	0.01	3.59	9
CO28599+	CO28570	3.94	6 1-	4ACSR	0	0	875	313	21	1	1	0.00	3.58	0
CO28572+	CO28599	3.97	0 1-	4ACSR	0	0	872	312	0	0	0	0.00	3.58	0
CO28571+	CO28570	3.91	124 3-	1/0ACSR	969	944	880	314	551	12	6	0.01	3.59	4
CO30500+	CO28571	3.94	123 3-	1/0ACSR	967	941	877	313	548	12	6	0.00	3.59	4
CO28705+	CO30500	4.04	120 3-	1/0ACSR	961	934	869	312	543	12	5	0.01	3.60	8
CO28943+	CO28705	4.06	4 1-	4ACSR	0	0	867	312	33	2	2	0.00	3.60	0
CO29012+	CO28943	4.09	3 1-	4ACSR	0	0	864	311	26	1	1	0.00	3.60	0
CO28772+	CO29012	4.14	1 1-	2ACSR	0	0	860	311	3	0	0	0.00	3.60	0
CO29013+	CO29012	4.11	2 1-	4ACSR	0	0	862	311	22	1	1	0.00	3.60	0
CO29072+	CO28705	4.09	1 1-	4ACSR	0	0	864	311	1	0	0	0.00	3.60	0
CO28977+	CO29072	4.13	1 1-	4ACSR	0	0	860	311	1	0	0	0.00	3.60	0
CO29071+	CO28705	4.24	114 3-	1/0ACSR	948	920	854	310	498	11	5	0.02	3.63	16
CO29070+	CO29071	4.35	2 1-	4ACSR	0	0	843	308	12	0	1	0.00	3.62	0
CO28896+	CO29070	4.45	1 1-	4ACSR	0	0	834	306	12	0	1	0.00	3.63	0
CO28676+	CO29071	4.32	112 3-	1/0ACSR	943	915	847	310	486	11	5	0.01	3.63	6
CO29069+	CO28676	4.36	5 1-	4ACSR	0	0	844	309	6	0	0	0.00	3.63	0
CO28897+	CO29069	4.47	3 1-	4ACSR	0	0	833	307	4	0	0	0.00	3.63	0
CO28677+	CO28676	4.50	107 3-	1/0ACSR	932	903	834	308	480	11	5	0.02	3.65	13
CO28803+	CO28677	4.59	103 3-	1/0ACSR	927	897	828	307	471	10	5	0.01	3.66	6
CO28804+	CO28803	4.64	102 3-	1/0ACSR	924	893	824	306	466	10	5	0.01	3.66	4
CO28717+	CO28804	4.72	1 1-	4ACSR	0	0	817	305	3	0	0	0.00	3.66	0
CO28939+	CO28804	4.77	101 3-	1/0ACSR	916	885	815	305	463	10	5	0.01	3.68	8
CO28940+	CO28939	5.17	100 3-	1/0ACSR	893	860	787	301	460	10	5	0.04	3.71	26
CO28678+	CO28940	5.31	97 3-	1/0ACSR	885	851	778	300	441	10	4	0.01	3.73	8
CO28718+	CO28678	5.34	1 1-	4ACSR	0	0	776	300	10	0	1	0.00	3.72	0
CO28912+	CO28678	5.43	96 3-	1/0ACSR	878	844	770	299	431	10	4	0.01	3.74	7
CO28913+	CO28912	5.48	95 3-	1/0ACSR	876	841	767	298	428	9	4	0.00	3.74	3
CO28679+	CO28913	5.62	86 3-	1/0ACSR	868	833	759	297	408	9	4	0.01	3.75	7
CO29011+	CO28679	5.63	0 1-	4ACSR	0	0	758	297	0	0	0	0.00	3.76	0
CO28680+	CO28679	5.73	86 3-	1/0ACSR	862	827	752	296	408	9	4	0.01	3.76	5
CO28681+	CO28680	5.83	48 3-	1/0ACSR	857	821	746	295	235	5	2	0.00	3.77	0
CO28683+	CO28681	5.90	33 2-	4ACSR	0	815	741	294	188	6	5	0.01	3.78	3
CO29001+	CO28683	5.91	32 1-	4ACSR	0	0	740	294	188	13	9	0.00	3.78	0
OC896+	CO29001	5.91	32 1-	10 N FUSE	0	0	740	294	188	13	131	0.00	3.78	0
CO29002+	OC896	5.99	32 1-	4ACSR	0	0	733	293	188	13	9	0.03	3.80	8
CO28918+	CO29002	6.05	30 1-	4ACSR	0	0	729	292	184	12	9	0.02	3.82	5
CO28919+	CO28918	6.11	29 1-	4ACSR	0	0	724	291	181	12	9	0.02	3.84	5
CO28684+	CO28919	6.15	27 1-	4ACSR	0	0	721	290	177	12	9	0.01	3.85	3
CO28685+	CO28684	6.19	26 1-	4ACSR	0	0	718	289	170	11	8	0.01	3.86	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28725+	CO28685	6.28	1 1-	4ACSR	0	0	711	288	5	0	0	0.00	3.86	0
CO28686+	CO28685	6.28	24 1-	4ACSR	0	0	711	288	161	11	8	0.02	3.88	6
CO961877951+	CO28686	6.34	1 1-	2ACSR	0	0	707	287	9	0	0	0.00	3.88	0
CO28805+	CO28686	6.35	14 1-	4ACSR	0	0	706	287	98	6	5	0.01	3.89	0
CO29044+	CO28805	6.39	13 1-	4ACSR	0	0	703	286	87	6	4	0.01	3.90	0
CO29045+	CO29044	6.43	12 1-	4ACSR	0	0	700	285	80	5	4	0.00	3.90	0
CO28722+	CO29045	6.50	1 1-	4ACSR	0	0	695	284	4	0	0	0.00	3.90	0
CO28721+	CO29045	6.48	0 1-	4ACSR	0	0	696	285	0	0	0	0.00	3.90	0
CO29042+	CO29045	6.53	9 1-	4ACSR	0	0	693	284	68	4	3	0.01	3.91	0
CO28777+	CO29042	6.59	1 1-	4ACSR	0	0	688	283	9	0	0	0.00	3.91	0
CO29043+	CO29042	6.61	7 1-	4ACSR	0	0	687	282	46	3	2	0.01	3.92	0
CO30470+	CO29043	6.67	4 1-	4ACSR	0	0	683	282	26	1	1	0.00	3.92	0
CO29155+	CO30470	6.72	3 1-	4ACSR	0	0	679	281	17	1	1	0.00	3.92	0
CO29156+	CO29155	6.78	1 1-	4ACSR	0	0	675	280	14	0	1	0.00	3.92	0
CO29157+	CO29156	6.83	1 1-	4ACSR	0	0	671	279	14	0	1	0.00	3.92	0
CO28726+	CO29043	6.68	2 1-	4ACSR	0	0	682	281	12	0	1	0.00	3.92	0
CO28775+	CO29044	6.43	1 1-	2ACSR	0	0	701	286	7	0	0	0.00	3.90	0
CO28916+	CO28686	6.35	7 1-	4ACSR	0	0	706	287	45	3	2	0.00	3.88	0
CO28767+	CO28916	6.36	2 1-	2ACSR	0	0	705	286	20	1	1	0.00	3.88	0
CO28917+	CO28916	6.36	1 1-	4ACSR	0	0	705	286	0	0	0	0.00	3.88	0
CO29024+	CO28686	6.39	2 1-	4ACSR	0	0	703	286	10	0	0	0.00	3.88	0
CO28723+	CO29024	6.40	1 1-	4ACSR	0	0	702	286	6	0	0	0.00	3.88	0
CO29025+	CO29024	6.43	0 1-	4ACSR	0	0	700	285	0	0	0	0.00	3.88	0
CO28724+	CO28684	6.18	1 1-	4ACSR	0	0	719	289	7	0	0	0.00	3.85	0
CO28978+	CO28919	6.14	2 1-	4ACSR	0	0	722	290	5	0	0	0.00	3.84	0
CO28979+	CO28978	6.19	0 1-	4ACSR	0	0	718	289	0	0	0	0.00	3.84	0
CO28682+	CO28681	5.93	14 2-	4ACSR	0	813	738	294	44	1	1	0.00	3.77	0
CO29020+	CO28682	5.98	13 2-	4ACSR	0	809	734	293	42	1	1	0.00	3.77	0
CO29021+	CO29020	6.00	12 2-	4ACSR	0	807	732	292	42	1	1	0.00	3.77	0
CO28770+	CO29021	6.10	4 1-	4ACSR	0	0	725	291	10	0	0	0.00	3.78	0
CO28869+	CO29021	6.10	6 1-	4ACSR	0	0	725	291	28	1	1	0.00	3.77	0
CO28870+	CO28869	6.13	1 1-	4ACSR	0	0	723	290	15	1	1	0.00	3.77	0
CO28720+	CO28682	6.00	1 2-	4ACSR	0	807	732	292	2	0	0	0.00	3.77	0
CO28806+	CO28680	5.85	35 1-	4ACSR	0	0	743	294	169	11	8	0.03	3.80	9
CO28971+	CO28806	5.94	34 1-	4ACSR	0	0	736	293	168	11	8	0.02	3.82	6
CO28972+	CO28971	6.00	32 1-	4ACSR	0	0	731	292	159	11	8	0.01	3.84	4
CO28920+	CO28972	6.05	31 1-	4ACSR	0	0	727	291	144	10	7	0.01	3.85	3
CO29003+	CO28920	6.06	31 1-	4ACSR	0	0	726	291	144	10	7	0.00	3.85	0
XFMR112	CO29003	6.06	31 1-	333 KVA 1PH AUT	0	0	721	169	144	10	44	0.38	4.23	0
OC902	XFMR112	6.06	31 1-	50 H OCR	0	0	721	169	144	20	40	0.00	4.23	0
CO29004	OC902	6.15	31 1-	4ACSR	0	0	710	168	144	20	14	0.08	4.31	19
CO-2052583408	CO29004	6.18	1 1-	2ACSR	0	0	706	168	11	1	1	0.00	4.31	0
CO28921	CO29004	6.22	30 1-	4ACSR	0	0	700	167	133	18	13	0.06	4.37	14
CO30468	CO28921	6.62	30 1-	4ACSR	0	0	650	163	133	18	13	0.34	4.71	75
CO29131	CO30468	6.70	1 1-	4ACSR	0	0	641	162	3	0	0	0.00	4.72	0
CO29126	CO30468	6.81	29 1-	4ACSR	0	0	628	161	129	18	13	0.16	4.87	33
CO29138	CO29126	6.95	28 1-	4ACSR	0	0	613	160	126	17	13	0.11	4.98	22
CO29139	CO29138	7.05	27 1-	4ACSR	0	0	601	159	123	17	12	0.08	5.06	17
CO29140	CO29139	7.09	27 1-	4ACSR	0	0	597	158	123	17	12	0.03	5.09	6
CO29174	CO29140	7.14	13 1-	4ACSR	0	0	591	158	37	5	4	0.01	5.10	0
CO29175	CO29174	7.28	13 1-	4ACSR	0	0	577	157	37	5	4	0.03	5.13	0
CO29141	CO29175	7.33	12 1-	4ACSR	0	0	571	156	36	5	4	0.01	5.15	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO29173	CO29141	7.38	11 1-	4ACSR	0	0	567	156	36	5	4	0.01	5.16	0
CO29178	CO29173	7.41	10 1-	4ACSR	0	0	563	155	32	4	3	0.01	5.16	0
CO29136	CO29178	7.43	2 1-	4ACSR	0	0	561	155	2	0	0	0.00	5.16	0
CO29179	CO29178	7.59	8 1-	4ACSR	0	0	545	154	30	4	3	0.03	5.20	0
CO29168	CO29179	7.72	8 1-	4ACSR	0	0	534	153	30	4	3	0.02	5.22	0
CO29169	CO29168	7.84	5 1-	4ACSR	0	0	522	151	22	3	2	0.02	5.24	0
CO29142	CO29169	7.95	5 1-	4ACSR	0	0	512	150	22	3	2	0.02	5.25	0
CO29166	CO29142	8.04	5 1-	4ACSR	0	0	505	150	22	3	2	0.01	5.26	0
CO29167	CO29166	8.10	3 1-	4ACSR	0	0	500	149	8	1	1	0.00	5.26	0
CO29165	CO29167	8.16	1 1-	4ACSR	0	0	495	149	0	0	0	0.00	5.26	0
CO29143	CO29165	8.26	1 1-	4ACSR	0	0	487	148	0	0	0	0.00	5.26	0
CO29144	CO29143	8.33	1 1-	4ACSR	0	0	481	147	0	0	0	0.00	5.26	0
CO29127	CO29140	7.28	13 1-	4ACSR	0	0	577	157	74	10	7	0.09	5.18	11
CO29158	CO29127	7.41	1 1-	4ACSR	0	0	563	155	0	0	0	0.00	5.18	0
CO29159	CO29158	7.48	1 1-	4ACSR	0	0	556	155	0	0	0	0.00	5.18	0
CO29160	CO29159	7.51	1 1-	4ACSR	0	0	554	154	0	0	0	0.00	5.18	0
CO29128	CO29127	7.58	12 1-	4ACSR	0	0	547	154	74	10	7	0.14	5.32	18
CO29151	CO29128	7.70	7 1-	4ACSR	0	0	536	153	37	5	4	0.03	5.35	0
CO29176	CO29151	7.72	7 1-	4ACSR	0	0	533	153	37	5	4	0.01	5.36	0
CO29177	CO29176	7.86	5 1-	4ACSR	0	0	521	151	25	3	2	0.02	5.38	0
CO29172	CO29177	7.90	4 1-	4ACSR	0	0	517	151	24	3	2	0.01	5.38	0
CO29152	CO29172	7.92	4 1-	4ACSR	0	0	515	151	24	3	2	0.00	5.39	0
CO29135	CO29152	8.10	2 1-	4ACSR	0	0	500	149	2	0	0	0.00	5.39	0
CO29170	CO29152	8.03	2 1-	4ACSR	0	0	506	150	21	3	2	0.01	5.40	0
CO29171	CO29170	8.06	1 1-	4ACSR	0	0	503	150	9	1	1	0.00	5.40	0
CO29163	CO29176	7.81	1 1-	2ACSR	0	0	527	152	10	1	1	0.00	5.36	0
CO29164	CO29163	7.89	1 1-	2ACSR	0	0	520	151	10	1	1	0.00	5.36	0
CO29137	CO29176	7.77	1 1-	2ACSR	0	0	529	152	2	0	0	0.00	5.36	0
CO29129	CO29128	7.74	5 1-	4ACSR	0	0	531	152	37	5	4	0.03	5.36	0
CO29134	CO29129	7.87	3 1-	4ACSR	0	0	520	151	11	1	1	0.00	5.36	0
CO29145	CO29129	7.80	1 1-	6HDCU	0	0	526	152	17	2	2	0.01	5.36	0
CO29146	CO29145	7.94	1 1-	6HDCU	0	0	514	151	17	2	2	0.02	5.38	0
CO29147	CO29146	7.98	1 1-	6HDCU	0	0	511	150	17	2	2	0.00	5.38	0
CO29148	CO29147	8.05	1 1-	6HDCU	0	0	505	150	17	2	2	0.00	5.39	0
CO29149	CO29148	8.14	0 1-	6HDCU	0	0	497	149	0	0	0	0.00	5.39	0
CO29150	CO29149	8.22	0 1-	6HDCU	0	0	491	148	0	0	0	0.00	5.39	0
CO29133	CO29127	7.44	0 1-	4ACSR	0	0	561	155	0	0	0	0.00	5.18	0
CO29132	CO29126	6.87	1 1-	4ACSR	0	0	621	161	3	0	0	0.00	4.87	0
CO29010+	CO28920	6.10	0 1-	4ACSR	0	0	723	290	0	0	0	0.00	3.85	0
CO29009+	CO29010	6.10	0 1-	4ACSR	0	0	723	290	0	0	0	0.00	3.85	0
CO28727+	CO28920	6.09	0 1-	4ACSR	0	0	724	290	0	0	0	0.00	3.85	0
CO29022+	CO28680	5.75	3 1-	4/0ACSR	0	0	751	296	4	0	0	0.00	3.76	0
CO29023+	CO29022	5.80	1 1-	4/0ACSR	0	0	749	296	3	0	0	0.00	3.76	0
CO29014+	CO28913	5.52	7 1-	4ACSR	0	0	765	298	15	1	1	0.00	3.74	0
CO28719+	CO29014	5.57	2 1-	4ACSR	0	0	760	297	4	0	0	0.00	3.74	0
CO29015+	CO29014	5.58	5 1-	4ACSR	0	0	760	297	11	0	1	0.00	3.74	0
CO28868+	CO29015	5.62	1 1-	4ACSR	0	0	756	296	3	0	0	0.00	3.74	0
CO29030+	CO28913	5.60	2 1-	4ACSR	0	0	758	297	4	0	0	0.00	3.74	0
CO28866+	CO28940	5.23	3 1-	4ACSR	0	0	783	300	18	1	1	0.00	3.71	0
CO28867+	CO28866	5.28	1 1-	4ACSR	0	0	778	299	3	0	0	0.00	3.71	0
CO29068+	CO28677	4.73	3 1-	4ACSR	0	0	813	304	6	0	0	0.00	3.65	0
CO28757+	CO29068	4.79	2 1-	4ACSR	0	0	807	302	6	0	0	0.00	3.65	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28756+	CO29068	4.92	1 1-	4ACSR	0	0	796	300	1	0	0	0.00	3.65	0
CO28755+	CO30500	4.04	1 1-	4ACSR	0	0	867	311	4	0	0	0.00	3.59	0
CO28593+	CO28322	3.75	233 3-	1/0CU	979	955	892	315	1103	25	8	0.00	3.57	0
OC883+	CO28593	3.75	233 3-	100 E OCR	979	955	892	315	1103	25	26	0.00	3.57	0
CO28594+	OC883	3.80	233 3-	1/0CU	977	952	889	315	1103	25	8	0.01	3.58	11
CO30502+	CO28594	4.02	233 3-	1/0CU	965	939	874	313	1103	25	8	0.03	3.61	52
CO28779+	CO30502	4.06	233 3-	1/0CU	963	936	871	313	1103	25	8	0.01	3.62	9
CO30423+	CO28779	4.43	0 1-	6ACWC	0	0	835	306	0	0	0	0.00	3.62	0
CO29046+	CO28779	4.08	0 1-	4ACSR	0	0	870	313	0	0	0	0.00	3.62	0
CO29047+	CO29046	4.12	0 1-	4ACSR	0	0	866	312	0	0	0	0.00	3.62	0
CO28707+	CO29046	4.09	0 1-	4ACSR	0	0	868	312	0	0	0	0.00	3.62	0
CO28666+	CO28779	4.37	233 3-	1/0CU	947	919	851	311	1103	25	8	0.05	3.66	72
CO28842+	CO28666	4.56	9 1-	4ACSR	0	0	833	307	54	3	3	0.02	3.68	0
CO28937+	CO28842	4.59	9 1-	4ACSR	0	0	830	307	54	3	3	0.00	3.68	0
CO28938+	CO28937	4.73	4 1-	4ACSR	0	0	817	304	27	1	1	0.00	3.68	0
CO28729+	CO28938	4.75	1 1-	4/0ACSR	0	0	816	304	8	0	0	0.00	3.68	0
CO28667+	CO28666	4.44	224 3-	1/0CU	943	915	846	310	1049	24	8	0.01	3.67	16
CO28668+	CO28667	4.62	218 3-	1/0CU	934	905	835	309	1031	23	8	0.02	3.70	36
CO28990+	CO28668	4.63	2 1-	4ACSR	0	0	835	309	3	0	0	0.00	3.70	0
OC893+	CO28990	4.63	2 1-	10 N FUSE	0	0	835	309	3	0	2	0.00	3.70	0
CO28991+	OC893	4.81	2 1-	4ACSR	0	0	818	305	3	0	0	0.00	3.71	0
CO28709+	CO28991	5.04	0 1-	4ACSR	0	0	798	301	0	0	0	0.00	3.71	0
CO28708+	CO28991	4.96	2 1-	4ACSR	0	0	804	303	3	0	0	0.00	3.71	0
CO28780+	CO28668	4.76	215 3-	1/0CU	927	897	827	308	1016	23	8	0.02	3.72	28
CO28781+	CO28780	4.95	215 3-	1/0CU	918	887	816	307	1016	23	8	0.03	3.74	37
CO28782+	CO28781	5.08	215 3-	1/0CU	911	880	808	306	1016	23	8	0.02	3.76	26
CO30424+	CO28782	5.14	214 3-	1/0CU	909	877	805	305	1015	23	8	0.01	3.77	11
CO28291+	CO30424	5.18	212 3-	1/0CU	907	875	803	305	999	23	7	0.01	3.77	8
CO28330+	CO28291	5.24	1 3-	6ACSR	902	869	797	304	17	0	0	0.00	3.78	0
CO28292+	CO28291	5.43	210 3-	1/0CU	895	863	789	303	966	22	7	0.03	3.81	44
CO28396+	CO28292	5.56	207 3-	1/0CU	889	856	782	302	937	21	7	0.02	3.82	22
CO28397+	CO28396	6.05	207 3-	1/0CU	867	832	756	299	937	21	7	0.06	3.89	83
CO28293+	CO28397	6.20	16 1-	4ACSR	0	0	744	296	105	7	5	0.02	3.91	4
CO28581+	CO28293	6.21	14 1-	4ACSR	0	0	744	296	98	6	5	0.00	3.91	0
OC873+	CO28581	6.21	14 1-	25 E OCR	0	0	744	296	98	6	27	0.00	3.91	0
CO28582+	OC873	6.29	14 1-	4ACSR	0	0	737	295	98	6	5	0.01	3.92	2
CO28294+	CO28582	6.47	14 1-	4ACSR	0	0	723	292	98	6	5	0.03	3.95	4
CO28390+	CO28294	6.50	2 1-	4ACSR	0	0	721	291	13	0	1	0.00	3.95	0
CO28391+	CO28390	6.60	1 1-	4ACSR	0	0	713	290	0	0	0	0.00	3.95	0
CO28392+	CO28391	6.68	0 1-	4ACSR	0	0	708	288	0	0	0	0.00	3.95	0
CO28388+	CO28294	6.58	12 1-	4ACSR	0	0	715	290	85	5	4	0.01	3.96	0
CO28389+	CO28388	6.66	11 1-	4ACSR	0	0	709	289	77	5	4	0.01	3.97	0
CO28387+	CO28389	6.80	10 1-	4ACSR	0	0	699	286	69	4	3	0.01	3.99	0
CO28385+	CO28387	6.84	8 1-	4ACSR	0	0	696	286	47	3	2	0.00	3.99	0
CO28386+	CO28385	6.87	7 1-	4ACSR	0	0	694	285	40	2	2	0.00	3.99	0
CO28335+	CO28386	6.95	1 1-	4ACSR	0	0	688	284	0	0	0	0.00	3.99	0
CO28383+	CO28386	7.10	6 1-	4ACSR	0	0	678	282	39	2	2	0.01	4.00	0
CO28384+	CO28383	7.16	4 1-	4ACSR	0	0	673	281	36	2	2	0.00	4.01	0
CO28382+	CO28384	7.28	3 1-	4ACSR	0	0	665	279	22	1	1	0.00	4.01	0
CO28381+	CO28382	7.36	3 1-	4ACSR	0	0	659	277	22	1	1	0.00	4.01	0
CO28369+	CO28381	7.41	1 1-	2ACSR	0	0	657	277	5	0	0	0.00	4.02	0
CO28379+	CO28381	7.44	2 1-	4ACSR	0	0	654	276	18	1	1	0.00	4.02	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28334+	CO28379	7.51	1 1-	4ACSR	0	0	650	275	8	0	0	0.00	4.02	0
CO28380+	CO28379	7.53	1 1-	4ACSR	0	0	648	275	9	0	0	0.00	4.02	0
CO28378+	CO28380	7.61	1 1-	4ACSR	0	0	643	274	9	0	0	0.00	4.02	0
CO28296+	CO28582	6.58	0 1-	4ACSR	0	0	715	290	0	0	0	0.00	3.92	0
CO28337+	CO28296	6.62	0 1-	4ACSR	0	0	712	289	0	0	0	0.00	3.92	0
CO28336+	CO28296	6.80	0 1-	4ACSR	0	0	698	286	0	0	0	0.00	3.92	0
CO28393+	CO28293	6.31	2 1-	4ACSR	0	0	735	294	7	0	0	0.00	3.91	0
CO28394+	CO28393	6.42	1 1-	4ACSR	0	0	727	293	0	0	0	0.00	3.91	0
CO28395+	CO28394	6.51	1 1-	4ACSR	0	0	720	291	0	0	0	0.00	3.91	0
CO28579+	CO28397	6.06	190 3-	1/0ACSR	867	832	755	299	831	19	8	0.00	3.89	0
OC875+	CO28579	6.06	190 3-	50 E OCR	867	832	755	299	831	19	39	0.00	3.89	0
CO28580+	OC875	6.20	190 3-	1/0ACSR	859	824	746	298	831	19	8	0.02	3.91	31
CO28402+	CO28580	6.25	189 3-	1/0ACSR	856	821	743	297	826	19	8	0.01	3.92	11
CO28403+	CO28402	6.39	189 3-	1/0ACSR	849	813	735	296	826	19	8	0.02	3.94	28
CO28407+	CO28403	6.46	4 1-	4ACSR	0	0	729	294	37	2	2	0.00	3.94	0
CO28409+	CO28407	6.54	4 1-	4ACSR	0	0	723	293	37	2	2	0.00	3.95	0
CO28410+	CO28409	6.60	3 1-	4ACSR	0	0	719	292	26	1	1	0.00	3.95	0
CO28411+	CO28410	6.63	1 1-	4ACSR	0	0	717	292	11	0	1	0.00	3.95	0
CO28408+	CO28407	6.54	0 1-	4ACSR	0	0	723	293	0	0	0	0.00	3.94	0
CO28404+	CO28403	6.42	183 3-	1/0ACSR	848	811	733	295	787	18	8	0.01	3.95	7
CO28405+	CO28404	6.46	182 3-	1/0ACSR	846	809	731	295	776	18	8	0.01	3.95	7
CO28406+	CO28405	6.56	181 3-	1/0ACSR	841	804	725	294	770	17	8	0.01	3.97	18
CO28669+	CO28406	6.69	181 3-	1/0ACSR	834	797	718	293	770	17	8	0.02	3.99	24
CO29061+	CO28669	6.74	180 3-	1/0ACSR	831	794	715	293	759	17	8	0.01	4.00	10
CO29062+	CO29061	6.78	180 3-	1/0ACSR	829	792	712	292	759	17	8	0.01	4.00	7
CO28969+	CO29062	6.80	179 3-	1/0ACSR	828	791	711	292	757	17	8	0.00	4.01	3
CO28970+	CO28969	6.87	178 3-	1/0ACSR	825	787	708	291	749	17	8	0.01	4.02	11
CO28783+	CO28970	6.92	176 3-	1/0ACSR	823	785	705	291	741	17	7	0.01	4.02	9
CO1539839234+	CO28783	7.02	176 3-	2ACSR	817	779	699	290	741	17	10	0.02	4.05	27
CO421171537+	CO1539839234	7.07	175 3-	2ACSR	814	775	695	289	733	17	9	0.01	4.06	15
CO28847+	CO421171537	7.10	2 1-	4ACSR	0	0	694	289	12	0	1	0.00	4.06	0
CO28848+	CO28847	7.18	2 1-	4ACSR	0	0	688	287	12	0	1	0.00	4.06	0
CO28785+	CO421171537	7.11	173 3-	1/0ACSR	812	774	694	289	721	16	7	0.00	4.06	5
CO28982+	CO28785	7.23	173 3-	1/0ACSR	806	767	687	288	721	16	7	0.02	4.08	20
CO28983+	CO28982	7.27	172 3-	1/0ACSR	805	766	685	287	702	16	7	0.00	4.09	5
CO30464+	CO28983	7.37	170 3-	1/0ACSR	800	760	680	286	702	16	7	0.01	4.10	16
CO29102+	CO30464	7.42	170 3-	1/0ACSR	798	758	678	286	701	16	7	0.01	4.11	7
CO29120+	CO29102	7.57	168 3-	1/0ACSR	790	750	670	285	684	15	7	0.02	4.13	22
CO29121+	CO29120	7.62	166 3-	1/0ACSR	788	748	668	284	671	15	7	0.01	4.13	7
CO30576+	CO29121	7.73	165 3-	1/0ACSR	783	743	662	283	671	15	7	0.01	4.15	15
CO28786+	CO30576	7.76	165 3-	1/0ACSR	782	741	661	283	671	15	7	0.00	4.15	4
CO28670+	CO28786	7.84	14 1-	4ACSR	0	0	656	282	81	5	4	0.01	4.16	0
CO28986+	CO28670	7.87	8 1-	4ACSR	0	0	654	281	34	2	2	0.00	4.16	0
CO28987+	CO28986	7.92	6 1-	4ACSR	0	0	651	281	12	0	1	0.00	4.16	0
CO28789+	CO28670	7.88	5 1-	4ACSR	0	0	653	281	44	3	2	0.00	4.16	0
CO28790+	CO28789	7.90	5 1-	4ACSR	0	0	652	281	44	3	2	0.00	4.17	0
CO28791+	CO28790	7.98	5 1-	4ACSR	0	0	647	280	44	3	2	0.00	4.17	0
CO28980+	CO28791	8.01	3 1-	4ACSR	0	0	645	279	34	2	2	0.00	4.17	0
CO28981+	CO28980	8.10	1 1-	4ACSR	0	0	640	278	1	0	0	0.00	4.17	0
CO28712+	CO28980	8.06	1 1-	4ACSR	0	0	642	279	19	1	1	0.00	4.17	0
CO28849+	CO28791	8.06	2 1-	4ACSR	0	0	642	278	9	0	0	0.00	4.17	0
CO28850+	CO28849	8.12	2 1-	4ACSR	0	0	639	278	9	0	0	0.00	4.17	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28787+	CO28786	7.81	151 3-	1/0ACSR	780	739	658	283	589	13	6	0.01	4.16	5
CO28788+	CO28787	7.86	151 3-	1/0ACSR	777	737	656	282	589	13	6	0.01	4.17	5
CO28992+	CO28788	7.87	77 1-	4ACSR	0	0	656	282	312	21	16	0.00	4.17	0
OC894+	CO28992	7.87	77 1-	10 N FUSE	0	0	656	282	312	21	218	0.00	4.17	0
CO28993+	OC894	7.92	77 1-	4ACSR	0	0	652	281	312	21	16	0.03	4.19	14
CO30465+	CO28993	7.98	76 1-	4ACSR	0	0	649	280	306	21	15	0.03	4.22	13
CO29103+	CO30465	8.00	73 1-	4ACSR	0	0	647	280	292	20	15	0.01	4.23	4
CO29104+	CO29103	8.04	73 1-	4ACSR	0	0	645	279	292	20	15	0.02	4.25	9
CO29078+	CO29104	8.06	71 1-	4ACSR	0	0	644	279	270	18	13	0.01	4.26	3
CO29091+	CO29078	8.08	4 1-	4ACSR	0	0	642	279	4	0	0	0.00	4.26	0
CO29100+	CO29091	8.12	4 1-	4ACSR	0	0	640	278	4	0	0	0.00	4.26	0
CO29101+	CO29100	8.13	2 1-	4ACSR	0	0	640	278	3	0	0	0.00	4.26	0
CO29083+	CO29100	8.15	1 1-	4ACSR	0	0	638	278	1	0	0	0.00	4.26	0
CO29079+	CO29078	8.09	62 1-	4ACSR	0	0	642	279	250	17	13	0.01	4.27	5
CO29081+	CO29079	8.14	0 1-	4ACSR	0	0	639	278	0	0	0	0.00	4.27	0
SW907-B+	CO29081	8.14	0 1-	Open	0	0	639	278	0	0	0	0.00	4.27	0
CO29098+	CO29079	8.10	62 1-	4ACSR	0	0	641	279	250	17	13	0.00	4.27	0
CO29099+	CO29098	8.14	55 1-	4ACSR	0	0	639	278	240	16	12	0.01	4.29	6
CO29080+	CO29099	8.20	54 1-	4ACSR	0	0	635	277	236	16	12	0.02	4.31	9
CO29105+	CO29080	8.29	44 1-	4ACSR	0	0	629	276	205	14	10	0.03	4.34	10
CO29106+	CO29105	8.31	43 1-	4ACSR	0	0	628	275	199	13	10	0.01	4.35	2
CO29088+	CO29106	8.39	2 1-	4ACSR	0	0	624	274	10	0	1	0.00	4.35	0
CO29089+	CO29088	8.76	2 1-	4ACSR	0	0	602	269	10	0	1	0.00	4.35	0
CO29090+	CO29089	9.00	1 1-	4ACSR	0	0	589	265	3	0	0	0.00	4.35	0
CO29118+	CO29090	9.04	1 1-	4ACSR	0	0	586	265	3	0	0	0.00	4.35	0
CO29119+	CO29118	9.11	0 1-	4ACSR	0	0	583	264	0	0	0	0.00	4.35	0
CO29097+	CO29119	9.24	0 1-	4ACSR	0	0	576	262	0	0	0	0.00	4.35	0
CO29085+	CO29090	9.13	0 1-	4ACSR	0	0	582	264	0	0	0	0.00	4.35	0
CO29087+	CO29106	8.33	41 1-	4ACSR	0	0	627	275	189	13	9	0.01	4.35	0
CO29107+	CO29087	8.39	36 1-	4ACSR	0	0	624	274	182	12	9	0.01	4.37	4
CO29108+	CO29107	8.41	34 1-	4ACSR	0	0	623	274	167	11	8	0.01	4.37	0
CO29109+	CO29108	8.43	33 1-	4ACSR	0	0	621	274	164	11	8	0.01	4.38	0
CO29116+	CO29109	8.50	31 1-	4ACSR	0	0	617	273	146	10	7	0.01	4.39	3
CO29117+	CO29116	8.58	24 1-	4ACSR	0	0	612	271	108	7	5	0.01	4.41	2
CO29095+	CO29117	8.61	11 1-	4ACSR	0	0	611	271	46	3	2	0.00	4.41	0
CO29096+	CO29095	8.64	8 1-	4ACSR	0	0	609	271	31	2	2	0.00	4.41	0
CO29112+	CO29096	8.65	8 1-	4ACSR	0	0	608	270	31	2	2	0.00	4.41	0
CO29113+	CO29112	8.67	7 1-	4ACSR	0	0	607	270	26	1	1	0.00	4.41	0
CO29111+	CO29113	8.70	4 1-	4ACSR	0	0	606	270	13	0	1	0.00	4.41	0
CO29110+	CO29111	8.72	1 1-	4ACSR	0	0	604	269	5	0	0	0.00	4.41	0
CO29114+	CO29117	8.62	9 1-	4ACSR	0	0	610	271	43	3	2	0.00	4.41	0
CO29115+	CO29114	8.67	8 1-	4ACSR	0	0	607	270	37	2	2	0.00	4.41	0
CO-1121630725+	CO29115	8.69	1 1-	2ACSR	0	0	606	270	6	0	0	0.00	4.41	0
CO29084+	CO29080	8.26	4 1-	4ACSR	0	0	632	276	12	0	1	0.00	4.31	0
CO29094+	CO29080	8.23	5 1-	4ACSR	0	0	633	277	19	1	1	0.00	4.31	0
CO29124+	CO29094	8.25	2 1-	4ACSR	0	0	632	276	6	0	0	0.00	4.31	0
CO29125+	CO29124	8.27	2 1-	4ACSR	0	0	631	276	6	0	0	0.00	4.31	0
CO29092+	CO29125	8.30	1 1-	4ACSR	0	0	629	276	4	0	0	0.00	4.31	0
CO29093+	CO29092	8.32	1 1-	4ACSR	0	0	628	275	4	0	0	0.00	4.31	0
CO29082+	CO29104	8.07	2 1-	4ACSR	0	0	643	279	22	1	1	0.00	4.25	0
CO28792+	CO28788	7.88	74 1-	4ACSR	0	0	655	282	277	19	14	0.01	4.18	4
CO28933+	CO28792	7.91	74 1-	4ACSR	0	0	653	282	277	19	14	0.01	4.19	6

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28934+	CO28933	7.94	73 1-	4ACSR	0	0	651	281	275	19	14	0.01	4.20	5
CO28851+	CO28934	7.97	13 1-	4ACSR	0	0	649	280	22	1	1	0.00	4.20	0
CO28932+	CO28851	8.00	11 1-	4ACSR	0	0	648	280	14	0	1	0.00	4.20	0
CO29018+	CO28932	8.04	7 1-	4ACSR	0	0	645	279	10	0	1	0.00	4.21	0
CO28713+	CO29018	8.08	1 1-	4ACSR	0	0	642	279	1	0	0	0.00	4.21	0
CO29019+	CO29018	8.06	3 1-	4ACSR	0	0	644	279	6	0	0	0.00	4.21	0
CO28793+	CO28934	8.05	54 1-	4ACSR	0	0	644	279	224	15	11	0.04	4.24	15
CO28794+	CO28793	8.15	53 1-	4ACSR	0	0	638	278	222	15	11	0.03	4.28	12
CO29016+	CO28794	8.19	3 1-	4ACSR	0	0	636	277	29	2	1	0.00	4.28	0
CO28714+	CO29016	8.24	1 1-	4ACSR	0	0	632	276	9	0	0	0.00	4.28	0
CO29017+	CO29016	8.20	2 1-	4ACSR	0	0	635	277	20	1	1	0.00	4.28	0
CO28852+	CO29017	8.28	2 1-	4ACSR	0	0	630	276	20	1	1	0.00	4.28	0
CO28853+	CO28852	8.33	2 1-	4ACSR	0	0	627	275	20	1	1	0.00	4.28	0
CO28930+	CO28794	8.39	50 1-	4ACSR	0	0	624	274	193	13	10	0.07	4.35	23
CO28931+	CO28930	8.43	48 1-	4ACSR	0	0	621	274	190	13	9	0.01	4.36	4
CO28795+	CO28931	8.60	48 1-	4ACSR	0	0	611	271	190	13	9	0.05	4.42	16
CO28715+	CO28795	8.70	2 1-	4ACSR	0	0	606	270	0	0	0	0.00	4.42	0
CO29008+	CO28795	8.61	46 1-	4ACSR	0	0	611	271	190	13	9	0.00	4.42	0
OC903+	CO29008	8.61	46 1-	25 E OCR	0	0	611	271	190	13	53	0.00	4.42	0
CO28671+	OC903	8.64	37 1-	4ACSR	0	0	609	270	145	10	7	0.01	4.43	0
CO29005+	CO28671	8.69	37 1-	4ACSR	0	0	606	270	145	10	7	0.01	4.44	2
CO28798+	CO29005	8.72	4 1-	2ACSR	0	0	605	269	14	0	1	0.00	4.44	0
CO418936487+	CO28798	8.77	1 1-	2ACSR	0	0	603	269	1	0	0	0.00	4.44	0
CO28797+	CO29005	8.73	1 1-	2ACSR	0	0	604	269	2	0	0	0.00	4.44	0
CO29006+	CO29005	8.76	32 1-	4ACSR	0	0	602	269	129	9	6	0.02	4.45	3
CO29007+	CO29006	8.85	30 1-	4ACSR	0	0	597	267	124	8	6	0.02	4.47	4
CO28924+	CO29007	8.90	28 1-	4ACSR	0	0	594	267	110	7	6	0.01	4.48	0
CO28925+	CO28924	8.92	27 1-	4ACSR	0	0	593	266	107	7	5	0.00	4.48	0
CO28799+	CO28925	9.11	27 1-	4ACSR	0	0	583	264	107	7	5	0.03	4.51	6
CO28672+	CO28799	9.21	25 1-	4ACSR	0	0	578	262	105	7	5	0.02	4.53	3
CO28673+	CO28672	9.28	18 1-	4ACSR	0	0	573	261	86	6	4	0.01	4.54	0
CO28802+	CO28673	9.47	7 1-	4ACSR	0	0	564	259	26	1	1	0.01	4.55	0
CO28914+	CO28802	9.57	7 1-	4ACSR	0	0	559	258	26	1	1	0.00	4.55	0
CO28915+	CO28914	9.70	5 1-	4ACSR	0	0	552	256	21	1	1	0.00	4.55	0
CO28911+	CO28915	9.77	2 1-	4ACSR	0	0	548	255	3	0	0	0.00	4.55	0
CO29076+	CO28911	9.78	0 1-	4ACSR	0	0	548	255	0	0	0	0.00	4.55	0
CO28862+	CO28673	9.36	2 1-	4ACSR	0	0	569	260	17	1	1	0.00	4.54	0
CO28863+	CO28862	9.42	0 1-	4ACSR	0	0	566	260	0	0	0	0.00	4.54	0
CO28674+	CO28673	9.40	9 1-	4ACSR	0	0	567	260	44	3	2	0.01	4.55	0
CO28716+	CO28674	9.49	1 1-	4ACSR	0	0	562	259	10	0	0	0.00	4.55	0
CO28675+	CO28674	9.47	5 1-	4ACSR	0	0	563	259	19	1	1	0.00	4.55	0
CO28935+	CO28675	9.59	3 1-	4ACSR	0	0	557	257	17	1	1	0.00	4.55	0
CO28936+	CO28935	9.72	2 1-	4ACSR	0	0	551	256	17	1	1	0.00	4.56	0
CO28800+	CO28936	9.83	2 1-	4ACSR	0	0	545	254	17	1	1	0.00	4.56	0
CO28801+	CO28800	9.92	1 1-	4ACSR	0	0	541	253	1	0	0	0.00	4.56	0
CO28864+	CO28675	9.61	2 1-	4ACSR	0	0	557	257	2	0	0	0.00	4.55	0
CO28865+	CO28864	9.68	1 1-	4ACSR	0	0	553	256	0	0	0	0.00	4.55	0
CO28860+	CO28672	9.29	5 1-	4ACSR	0	0	573	261	19	1	1	0.00	4.53	0
CO28861+	CO28860	9.36	2 1-	4ACSR	0	0	569	260	11	0	1	0.00	4.53	0
CO28922+	CO28799	9.21	2 1-	4ACSR	0	0	577	262	2	0	0	0.00	4.51	0
CO28923+	CO28922	9.24	1 1-	4ACSR	0	0	575	262	2	0	0	0.00	4.51	0
CO28908+	CO29007	8.92	2 1-	4ACSR	0	0	593	266	14	1	1	0.00	4.47	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28909+	CO28908	8.96	1 1-	1/0PRIURD	0	0	592	436	7	0	0	0.00	4.47	0
CO28778+	CO29006	8.82	2 1-	4ACSR	0	0	598	268	5	0	0	0.00	4.45	0
CO28926+	OC903	8.69	9 1-	4ACSR	0	0	606	270	45	3	2	0.00	4.42	0
CO28927+	CO28926	8.72	7 1-	4ACSR	0	0	604	269	36	2	2	0.00	4.43	0
CO29026+	CO28927	8.74	7 1-	4ACSR	0	0	603	269	36	2	2	0.00	4.43	0
CO29027+	CO29026	8.77	6 1-	4ACSR	0	0	602	269	30	2	2	0.00	4.43	0
CO28928+	CO29027	8.82	6 1-	4ACSR	0	0	599	268	30	2	2	0.00	4.43	0
CO28771+	CO28928	8.87	1 1-	2/0ACSR	0	0	597	268	2	0	0	0.00	4.43	0
CO28929+	CO28928	8.93	4 1-	4ACSR	0	0	592	266	28	1	1	0.00	4.43	0
CO28796+	CO28929	9.05	3 1-	4ACSR	0	0	586	265	23	1	1	0.00	4.44	0
CO28858+	CO28796	9.14	2 1-	4ACSR	0	0	581	263	12	0	1	0.00	4.44	0
CO28859+	CO28858	9.20	2 1-	4ACSR	0	0	578	263	12	0	1	0.00	4.44	0
CO28854+	CO28796	9.16	1 1-	4ACSR	0	0	580	263	11	0	1	0.00	4.44	0
CO28855+	CO28854	9.26	1 1-	4ACSR	0	0	575	262	11	0	1	0.00	4.44	0
CO28856+	CO28855	9.31	1 1-	4ACSR	0	0	572	261	11	0	1	0.00	4.44	0
CO28857+	CO28856	9.33	1 1-	4ACSR	0	0	571	261	11	0	1	0.00	4.44	0
CO28994+	CO28786	7.77	0 1-	4ACSR	0	0	660	283	0	0	0	0.00	4.15	0
OC895+	CO28994	7.77	0 1-	10 N FUSE	0	0	660	283	0	0	0	0.00	4.15	0
CO30466+	OC895	7.85	0 1-	4ACSR	0	0	655	282	0	0	0	0.00	4.15	0
CO29122+	CO30466	7.96	0 1-	4ACSR	0	0	648	280	0	0	0	0.00	4.15	0
CO29123+	CO29122	7.97	0 1-	4ACSR	0	0	648	280	0	0	0	0.00	4.15	0
SW907-A+	CO29123	7.97	0 1-	Open	0	0	648	280	0	0	0	0.00	4.15	0
CO29086+	CO29102	7.46	1 1-	2ACSR	0	0	675	286	12	0	0	0.00	4.10	0
CO454401021+	CO1539839234	7.04	1 1-	2ACSR	0	0	698	289	7	0	0	0.00	4.04	0
CO-1085361809+	CO454401021	7.15	1 1-	2ACSR	0	0	691	288	7	0	0	0.00	4.04	0
CO1023354346+	CO-1085361809	7.42	1 1-	1/0PRIURD	0	0	678	491	7	0	0	0.00	4.04	0
CO-2005133090+	CO1023354346	7.48	1 1-	1/0PRIURD	0	0	675	490	7	0	0	0.00	4.04	0
CO1852216540+	CO-2005133090	7.56	0 1-	1/0PRIURD	0	0	672	488	0	0	0	0.00	4.04	0
CO29060+	CO29061	6.85	0 3-	2ACSR	825	787	708	291	0	0	0	0.00	4.00	0
CO28769+	CO28669	6.74	1 1-	2ACSR	0	0	715	292	11	0	0	0.00	3.99	0
CO28399+	CO28397	6.09	1 3-	1/0CU	865	831	754	299	0	0	0	0.00	3.89	0
CO28400+	CO28399	6.11	1 3-	1/0CU	864	830	753	299	0	0	0	0.00	3.89	0
CO28333+	CO28400	6.21	1 1-	4ACSR	0	0	745	297	0	0	0	0.00	3.88	0
CO28295+	CO28400	6.22	0 3-	1/0CU	860	824	747	298	0	0	0	0.00	3.89	0
CO28584+	CO28295	6.23	0 3-	1/0CU	859	824	747	298	0	0	0	0.00	3.89	0
#SW868-A+	CO28584	6.23	0 3-	Open	859	824	747	298	0	0	0	0.00	3.89	0
CO28332+	CO28292	5.61	3 1-	4ACSR	0	0	773	300	29	2	1	0.01	3.81	0
CO-119922057+	CO28332	5.69	1 1-	2ACSR	0	0	768	299	10	0	0	0.00	3.81	0
CO28365+	CO28332	5.67	1 1-	2ACSR	0	0	769	299	13	0	0	0.00	3.81	0
CO28398+	CO28291	5.21	1 3-	2ACSR	905	873	800	305	17	0	0	0.00	3.78	0
CO30430+	CO28398	5.27	1 3-	2ACSR	901	869	796	304	17	0	0	0.00	3.78	0
CO28840+	CO30430	5.30	1 3-	2ACSR	899	867	793	303	17	0	0	0.00	3.78	0
CO28841+	CO28840	5.48	1 3-	2ACSR	888	854	780	301	17	0	0	0.00	3.78	0
CO28331+	CO30424	5.23	2 1-	4ACSR	0	0	797	304	16	1	1	0.00	3.77	0
CO28711+	CO28782	5.13	1 1-	4ACSR	0	0	804	305	0	0	0	0.00	3.76	0
CO28710+	CO28668	4.68	1 1-	4ACSR	0	0	830	308	12	0	1	0.00	3.70	0
CO28845+	CO28667	4.64	3 1-	4ACSR	0	0	828	307	4	0	0	0.00	3.67	0
CO28846+	CO28845	4.69	2 1-	4ACSR	0	0	823	306	3	0	0	0.00	3.67	0
CO30501+	CO28846	4.74	1 1-	2ACSR	0	0	819	305	2	0	0	0.00	3.67	0
CO28573+	CO30501	4.77	1 1-	2ACSR	0	0	817	305	2	0	0	0.00	3.67	0
CO28843+	CO28667	4.55	3 1-	4ACSR	0	0	837	308	14	0	1	0.00	3.67	0
CO277806545+	CO28843	4.61	1 1-	2ACSR	0	0	831	307	6	0	0	0.00	3.67	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28844+	CO28843	4.61	1 1-	4ACSR	0	0	831	307	4	0	0	0.00	3.67	0
CO29028+	CO28704	3.16	6 1-	4ACSR	0	0	931	318	36	2	2	0.01	3.26	0
CO29050+	CO29028	3.27	3 1-	2ACSR	0	0	920	317	23	1	1	0.00	3.26	0
CO29051+	CO29050	3.32	1 1-	2ACSR	0	0	915	316	10	0	0	0.00	3.26	0
CO28776+	CO29050	3.30	2 1-	2ACSR	0	0	917	316	13	0	0	0.00	3.26	0
CO29029+	CO29028	3.23	2 1-	4ACSR	0	0	923	317	9	0	0	0.00	3.26	0
CO28762+	CO28704	3.09	1 1-	1/0CU	0	0	940	320	10	0	0	0.00	3.25	0
CO28754+	CO29054	2.92	3 1-	4ACSR	0	0	950	320	7	0	0	0.00	3.15	0
CO28753+	CO29073	2.75	0 1-	4ACSR	0	0	964	322	0	0	0	0.00	3.08	0
CO28752+	CO29073	2.79	1 1-	4ACSR	0	0	960	321	2	0	0	0.00	3.08	0
CO28893+	CO29073	2.76	0 1-	4ACSR	0	0	964	322	0	0	0	0.00	3.08	0
CO28894+	CO28893	2.86	0 1-	4ACSR	0	0	953	320	0	0	0	0.00	3.08	0
CO28895+	CO28894	2.91	0 1-	4ACSR	0	0	946	319	0	0	0	0.00	3.08	0
CO28905+	CO28691	1.63	9 1-	4ACSR	0	0	1064	331	16	1	1	0.00	2.46	0
CO28906+	CO28905	1.67	6 1-	4ACSR	0	0	1059	330	9	0	0	0.00	2.46	0
CO28907+	CO28906	1.82	3 1-	4ACSR	0	0	1039	327	5	0	0	0.00	2.46	0
CO28874+	CO28965	1.48	3 1-	4ACSR	0	0	1079	332	4	0	0	0.00	2.37	0
CO28963+	CO28874	1.50	2 1-	4ACSR	0	0	1076	331	3	0	0	0.00	2.37	0
CO28964+	CO28963	1.53	1 1-	4ACSR	0	0	1072	331	3	0	0	0.00	2.37	0
CO28363+	CO28312	1.16	2 1-	4/0ACSR	0	0	1113	335	7	0	0	0.00	2.18	0
CO28355+	CO30523	1.10	2 1-	4ACSR	0	0	1117	335	6	0	0	0.00	2.13	0
CO22490+	CO22065	0.94	21 1-	4ACSR	0	0	1136	337	133	9	7	0.00	2.06	0
OC658+	CO22490	0.94	21 1-	10 N FUSE	0	0	1136	337	133	9	92	0.00	2.06	0
CO22491+	OC658	0.97	21 1-	4ACSR	0	0	1132	336	133	9	7	0.01	2.06	0
CO22057+	CO22491	1.02	20 1-	4ACSR	0	0	1125	335	127	8	6	0.01	2.07	0
CO22051+	CO22057	1.07	16 1-	4ACSR	0	0	1117	334	108	7	5	0.01	2.08	0
CO21956+	CO22051	1.11	6 1-	4ACSR	0	0	1112	333	50	3	2	0.00	2.08	0
CO30522+	CO21956	1.22	1 1-	4ACSR	0	0	1095	331	1	0	0	0.00	2.08	0
CO28872+	CO30522	1.30	1 1-	4ACSR	0	0	1085	329	1	0	0	0.00	2.08	0
CO22063+	CO21956	1.21	5 1-	4ACSR	0	0	1097	331	49	3	2	0.01	2.09	0
CO22354+	CO22063	1.24	4 1-	4ACSR	0	0	1093	331	39	2	2	0.00	2.09	0
CO22355+	CO22354	1.25	4 1-	4ACSR	0	0	1091	330	39	2	2	0.00	2.09	0
CO22352+	CO22355	1.30	4 1-	4ACSR	0	0	1085	329	39	2	2	0.00	2.10	0
CO22353+	CO22352	1.33	4 1-	4ACSR	0	0	1080	329	39	2	2	0.00	2.10	0
CO22005+	CO22353	1.37	4 1-	4ACSR	0	0	1074	328	39	2	2	0.00	2.10	0
CO22052+	CO22051	1.10	10 1-	4ACSR	0	0	1113	334	58	4	3	0.00	2.08	0
CO22054+	CO22052	1.17	7 1-	4ACSR	0	0	1102	332	40	2	2	0.00	2.09	0
CO22055+	CO22054	1.21	7 1-	4ACSR	0	0	1096	331	40	2	2	0.00	2.09	0
CO22056+	CO22055	1.23	0 1-	4ACSR	0	0	1094	331	0	0	0	0.00	2.09	0
CO21992+	CO22052	1.12	1 1-	4ACSR	0	0	1111	333	5	0	0	0.00	2.08	0
CO22053+	CO22052	1.12	0 1-	4ACSR	0	0	1111	333	0	0	0	0.00	2.08	0
CO22519+	CO22061	0.57	0 3-	6HDCU	1181	1180	1176	340	0	0	0	0.00	1.81	0
CO21990+	CO21944	0.48	3 1-	4ACSR	0	0	1184	340	9	0	0	0.00	1.70	0
CO22109+	CO22361	0.30	2 1-	4ACSR	0	0	1206	342	4	0	0	0.00	1.58	0
CO22108+	CO22109	0.32	1 1-	4ACSR	0	0	1202	341	3	0	0	0.00	1.58	0
CO21989+	XFMR369	0.22	1 1-	4ACSR	0	0	1211	340	10	0	0	0.00	1.47	0
SUB	0 total losses:	\$79,447												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 0 Hilda 2			3		6836	7275	7401	180	8636					
CO452	Hilda 2	0.01	0 3-	750 MCM - 42 Wi	6791	7200	7318	180	0	0	0	0.00	0.00	0
Guardian 1	CO452	0.01	0 3-	VWVE	6791	7200	7318	180	0	0	0	0.00	0.00	0
CO510	Guardian 1	0.03	0 3-	556ACSR	6701	7052	7157	180	0	0	0	0.00	0.00	0
CO511	CO510	0.07	0 3-	556ACSR	6562	6832	6915	180	0	0	0	0.00	0.00	0
CO808	CO511	0.08	0 3-	556ACSR	6526	6776	6854	180	0	0	0	0.00	0.00	0
CO809	CO808	0.10	0 3-	556ACSR	6441	6648	6710	180	0	0	0	0.00	0.00	0
CO810	CO809	0.13	0 3-	556ACSR	6354	6520	6566	179	0	0	0	0.00	0.00	0
CO811	CO810	0.16	0 3-	556ACSR	6239	6354	6377	179	0	0	0	0.00	0.00	0
CO812	CO811	0.17	0 3-	556ACSR	6188	6283	6295	179	0	0	0	0.00	0.00	0
CO518	CO812	0.21	0 3-	556ACSR	6061	6108	6094	179	0	0	0	0.00	0.00	0
CO524	CO518	0.22	0 3-	556ACSR	6027	6062	6040	179	0	0	0	0.00	0.00	0
CO519	CO524	0.35	0 3-	556ACSR	5635	5557	5452	179	0	0	0	0.00	0.00	0
CO523	CO519	0.42	0 3-	556ACSR	5454	5336	5193	179	0	0	0	0.00	0.00	0
CO520	CO523	0.45	0 3-	556ACSR	5361	5226	5064	179	0	0	0	0.00	0.00	0
CO522	CO520	0.72	0 3-	556ACSR	4760	4564	4274	179	0	0	0	0.00	0.00	0
CO521	CO522	0.81	0 3-	556ACSR	4575	4366	4046	179	0	0	0	0.00	0.00	0
CO422	CO521	0.88	0 3-	1000 CU PRI URD	4580	4403	4003	468	0	0	0	0.00	0.00	0
CO451	Hilda 2	0.01	3 3-	750 MCM - 42 Wi	6796	7208	7327	180	8636	404	35	0.02	0.02	89
Guardian 2	CO451	0.01	3 3-	WVE	6796	7208	7327	180	8635	404	72	0.00	0.02	0
CO634	Guardian 2	0.02	3 3-	556ACSR	6742	7119	7231	180	8635	404	57	0.03	0.05	234
CO813	CO634	0.03	3 3-	556ACSR	6703	7055	7161	180	8634	404	57	0.02	0.08	175
CO814	CO813	0.05	3 3-	556ACSR	6637	6949	7045	180	8634	404	57	0.04	0.12	296
CO815	CO814	0.09	3 3-	556ACSR	6472	6694	6761	180	8632	404	57	0.11	0.23	769
CO816	CO815	0.10	3 3-	556ACSR	6454	6668	6732	180	8629	404	57	0.01	0.24	83
CO817	CO816	0.13	3 3-	556ACSR	6352	6516	6561	179	8628	404	57	0.07	0.31	499
CO818	CO817	0.16	3 3-	556ACSR	6252	6372	6398	179	8626	404	57	0.07	0.38	503
CO819	CO818	0.24	3 3-	556ACSR	5987	6008	5978	179	8624	404	57	0.20	0.57	1412
CO445	CO819	0.39	3 3-	556ACSR	5544	5445	5320	179	8617	404	57	0.37	0.94	2660
CO711	CO445	0.65	3 3-	556ACSR	4910	4726	4464	179	8605	404	57	0.63	1.57	4624
CO712	CO711	0.69	3 3-	556ACSR	4821	4629	4350	179	8583	404	57	0.10	1.67	749
CO512	CO712	0.75	2 3-	556ACSR	4692	4490	4189	179	8580	404	57	0.15	1.83	1134
CO432	CO512	0.77	1 1-	1/0ACSR	0	0	4141	179	0	0	0	0.00	1.83	0
CO423	CO512	0.81	1 3-	1000 CU PRI URD	4697	4523	4152	468	8574	404	58	0.02	1.85	387
400322153	CO423	0.81	1 3-	Consumer	4697	4523	4152	468	8573	404	0	0.00	1.85	0
SUB 0 total losses:		\$13,614												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS

SUB	0 SNOW HILL		1615		2660	2827	2812	354	9389					
	OH181+	SNOW HILL	0.01	1615 3-	750 MCM HdCu -	2656	2821	2805	354	9389	209	19	0.00	0.00 29
	OH185+	OH181	0.03	515 3-	336ACSR	2651	2812	2796	354	2652	59	11	0.00	0.01 10
	SNOW HILL CKT+	OH185	0.03	515 3-	560 200WVE	2651	2812	2796	354	2652	59	11	0.00	0.01 0
	OH211+	SNOW HILL CKT	0.05	515 3-	336ACSR	2643	2798	2782	353	2652	59	11	0.00	0.01 15
	OH212+	OH211	0.10	515 3-	336ACSR	2627	2772	2755	353	2652	59	11	0.01	0.02 30
	OH213+	OH212	0.13	515 3-	336ACSR	2617	2755	2737	353	2652	59	11	0.01	0.03 19
	OH214+	OH213	0.22	515 3-	336ACSR	2588	2706	2687	353	2652	59	11	0.02	0.04 57
	OH215+	OH214	0.30	515 3-	336ACSR	2563	2666	2644	352	2652	59	11	0.02	0.06 50
	OH216+	OH215	0.35	515 3-	336ACSR	2549	2643	2620	352	2651	59	11	0.01	0.07 28
	OH217+	OH216	0.45	515 3-	336ACSR	2518	2595	2568	352	2651	59	11	0.02	0.09 64
	OH218+	OH217	0.57	515 3-	336ACSR	2480	2538	2506	351	2651	59	11	0.02	0.11 80
	OH219+	OH218	0.74	515 3-	336ACSR	2434	2469	2431	350	2651	59	11	0.03	0.14 102
	OH220+	OH219	0.82	515 3-	336ACSR	2409	2434	2392	350	2650	59	11	0.02	0.16 55
	OH221+	OH220	0.94	515 3-	336ACSR	2378	2390	2344	349	2650	59	11	0.02	0.18 71
	OH222+	OH221	0.96	515 3-	336ACSR	2371	2380	2332	349	2650	59	11	0.01	0.19 18
	SW818-A+	OH222	0.96	0 1-	Open	0	0	2332	349	0	0	0	0.00	0.19 0
	CO26553+	OH222	0.97	0 1-	4ACSR	0	0	2327	349	0	0	0	0.00	0.19 0
	CO26552+	CO26553	1.27	0 1-	4ACSR	0	0	2132	342	0	0	0	0.00	0.19 0
	CO498542498+	CO26552	1.74	0 1-	2ACSR	0	0	1902	336	0	0	0	0.00	0.19 0
	SW232-B+	CO498542498	1.74	0 1-	Open	0	0	1902	336	0	0	0	0.00	0.19 0
	OH223+	OH222	1.00	515 3-	336ACSR	2362	2368	2318	349	2649	59	11	0.01	0.19 21
	OH224+	OH223	1.04	515 3-	336ACSR	2350	2351	2300	349	2649	59	11	0.01	0.20 28
	OH225+	OH224	1.07	515 3-	336ACSR	2343	2341	2289	349	2649	59	11	0.01	0.21 17
	OH226+	OH225	1.10	515 3-	336ACSR	2334	2330	2276	349	2649	59	11	0.01	0.21 21
	OH227+	OH226	1.17	515 3-	336ACSR	2316	2305	2248	348	2649	59	11	0.01	0.23 44
	OH228+	OH227	1.24	515 3-	336ACSR	2299	2283	2223	348	2649	59	11	0.01	0.24 42
	OH229+	OH228	1.29	515 3-	336ACSR	2287	2266	2204	348	2649	59	11	0.01	0.25 32
	OH230+	OH229	1.33	515 3-	336ACSR	2277	2254	2190	347	2648	59	11	0.01	0.26 23
	OH231+	OH230	1.35	515 3-	336ACSR	2273	2248	2183	347	2648	59	11	0.00	0.26 11
	CO26425+	OH231	1.36	3 1-	4ACSR	0	0	2172	347	5	0	0	0.00	0.26 0
	CO26502+	CO26425	1.83	2 1-	4ACSR	0	0	1908	337	5	0	0	0.00	0.26 0
	CO26503+	CO26502	1.86	1 1-	4ACSR	0	0	1895	336	0	0	0	0.00	0.26 0
	CO26560+	CO26503	2.18	1 1-	4ACSR	0	0	1733	329	0	0	0	0.00	0.26 0
	CO26561+	CO26560	2.27	0 1-	4ACSR	0	0	1693	328	0	0	0	0.00	0.26 0
	CO26562+	CO26561	2.27	0 1-	4ACSR	0	0	1691	328	0	0	0	0.00	0.26 0
	CO26372+	CO26425	1.42	1 1-	4ACSR	0	0	2139	346	0	0	0	0.00	0.26 0
	CO26426+	OH231	1.50	512 3-	336ACSR	2236	2201	2129	347	2643	59	11	0.03	0.29 95
	CO26413+	CO26426	1.61	508 3-	336ACSR	2209	2167	2090	346	2628	58	11	0.02	0.31 70
	CO26414+	CO26413	1.69	508 3-	336ACSR	2191	2145	2065	346	2628	58	11	0.01	0.32 47
	CO26415+	CO26414	1.74	506 3-	336ACSR	2178	2129	2047	346	2627	58	11	0.01	0.33 35
	CO26416+	CO26415	1.85	506 3-	336ACSR	2154	2099	2013	345	2627	58	11	0.02	0.35 67
	CO26399+	CO26416	1.92	1 1-	2ACSR	0	0	1983	344	3	0	0	0.00	0.35 0
	CO26417+	CO26416	1.91	505 3-	336ACSR	2140	2082	1993	345	2623	58	11	0.01	0.37 39
	CO26402+	CO26417	2.03	1 1-	2ACSR	0	0	1943	343	7	0	0	0.00	0.37 0
	CO26501+	CO26417	1.95	2 1-	4ACSR	0	0	1976	344	11	0	1	0.00	0.37 0
	CO26500+	CO26501	1.98	2 1-	4ACSR	0	0	1959	343	11	0	1	0.00	0.37 0
	SW240-A+	CO26500	1.98	0 1-	Open	0	0	1959	343	0	0	0	0.00	0.37 0
	CO-330911433+	CO26500	2.07	1 1-	2ACSR	0	0	1921	342	11	0	0	0.00	0.37 0
	CO704003164+	CO-330911433	2.12	1 1-	2ACSR	0	0	1902	341	11	0	0	0.00	0.37 0
	SW232-A+	CO-330911433	2.07	0 1-	Open	0	0	1921	342	0	0	0	0.00	0.37 0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OH233+	CO26417	2.00	501 3-	336ACSR	2122	2061	1968	344	2603	58	11	0.02	0.38	50
OH234+	OH233	2.08	501 3-	336ACSR	2104	2039	1943	344	2603	58	11	0.02	0.40	52
OH235+	OH234	2.13	501 3-	336ACSR	2093	2026	1929	344	2603	58	11	0.01	0.41	30
OH236+	OH235	2.16	501 3-	336ACSR	2088	2020	1922	344	2602	58	11	0.00	0.41	14
CO26354+	OH236	2.19	501 3-	336ACSR	2082	2013	1913	343	2602	58	11	0.01	0.42	19
CO26424+	CO26354	2.20	2 1-	4ACSR	0	0	1906	343	3	0	0	0.00	0.42	0
CO26423+	CO26424	2.50	2 1-	4ACSR	0	0	1768	337	3	0	0	0.00	0.42	0
CO26422+	CO26423	2.53	1 1-	4ACSR	0	0	1758	336	0	0	0	0.00	0.42	0
CO26421+	CO26422	2.60	1 1-	4ACSR	0	0	1726	334	0	0	0	0.00	0.42	0
CO26373+	CO26354	2.22	0 1-	4ACSR	0	0	1895	343	0	0	0	0.00	0.42	0
OH238+	CO26354	2.22	499 3-	336ACSR	2076	2005	1904	343	2599	58	11	0.01	0.42	19
CO26539+	OH238	2.31	1 1-	4ACSR	0	0	1861	341	0	0	0	0.00	0.42	0
CO26352+	CO26539	2.60	1 1-	4ACSR	0	0	1734	335	0	0	0	0.00	0.42	0
SW240-B+	CO26352	2.60	0 1-	Open	0	0	1734	335	0	0	0	0.00	0.42	0
CO26551+	OH238	2.36	498 3-	336ACSR	2046	1971	1865	343	2599	58	11	0.03	0.45	88
OC811+	CO26551	2.36	497 3-	25 H OCR	2046	1971	1865	343	2593	58	233	0.00	0.45	0
CO26550+	OC811	2.37	497 3-	336ACSR	2045	1969	1863	343	2593	58	11	0.00	0.45	4
CO26419+	CO26550	2.39	497 3-	336ACSR	2039	1963	1856	342	2593	58	11	0.00	0.46	15
CO26420+	CO26419	2.43	496 3-	336ACSR	2032	1954	1846	342	2581	57	11	0.01	0.46	23
CO26396+	CO26420	2.54	1 1-	2ACSR	0	0	1806	341	1	0	0	0.00	0.46	0
CO26460+	CO26420	2.51	2 1-	4ACSR	0	0	1813	341	16	1	1	0.00	0.47	0
CO26459+	CO26460	2.56	2 1-	4ACSR	0	0	1788	339	16	1	1	0.00	0.47	0
CO1095957714+	CO26420	2.50	493 3-	336ACSR	2019	1940	1829	342	2564	57	11	0.01	0.48	38
CO-976224559+	CO1095957714	2.64	493 3-	336ACSR	1991	1907	1793	341	2564	57	11	0.03	0.50	85
CO26542+	CO-976224559	2.68	489 3-	336ACSR	1984	1899	1783	341	2528	56	11	0.01	0.51	23
CO26543+	CO26542	2.72	488 3-	336ACSR	1977	1892	1774	341	2516	56	11	0.01	0.52	20
CO-835374848+	CO26543	2.75	487 3-	336ACSR	1970	1884	1765	341	2508	56	11	0.01	0.52	22
CO-1958371091+	CO-835374848	2.92	487 3-	336ACSR	1938	1851	1725	340	2508	56	11	0.03	0.55	96
CO16716+	CO-1958371091	3.01	466 3-	1/0ACSR	1915	1826	1697	339	2350	52	23	0.04	0.59	144
CO16796+	CO16716	3.12	465 3-	1/0ACSR	1889	1798	1666	338	2348	52	23	0.05	0.64	167
CO16797+	CO16796	3.19	465 3-	1/0ACSR	1870	1779	1645	337	2347	52	23	0.03	0.67	120
CO16900+	CO16797	3.22	3 1-	4ACSR	0	0	1635	336	10	0	0	0.00	0.67	0
CO16749+	CO16900	3.25	1 1-	4ACSR	0	0	1626	336	2	0	0	0.00	0.67	0
CO16901+	CO16900	3.29	2 1-	4ACSR	0	0	1610	335	9	0	0	0.00	0.68	0
CO16792+	CO16797	3.46	461 3-	1/0ACSR	1806	1712	1572	334	2326	52	23	0.12	0.79	415
CO16741+	CO16792	3.56	458 3-	1/0ACSR	1782	1687	1545	333	2313	52	23	0.05	0.84	162
CO16892+	CO16741	3.62	457 3-	1/0ACSR	1769	1674	1531	333	2313	52	23	0.03	0.86	88
CO30596+	CO16892	3.68	455 3-	1/0ACSR	1756	1660	1517	332	2292	51	22	0.02	0.89	87
CO26394+	CO30596	3.75	1 1-	4ACSR	0	0	1492	330	0	0	0	0.00	0.89	0
CO26538+	CO30596	3.81	454 3-	1/0ACSR	1727	1632	1484	331	2291	51	22	0.06	0.95	205
CO26537+	CO26538	3.92	454 3-	1/0ACSR	1702	1608	1458	330	2290	51	22	0.05	1.00	172
CO26439+	CO26537	4.02	454 3-	1/0ACSR	1682	1588	1437	329	2290	51	22	0.04	1.04	144
CO26393+	CO26439	4.08	2 1-	4ACSR	0	0	1418	327	10	0	0	0.00	1.04	0
CO26397+	CO26393	4.14	1 1-	2ACSR	0	0	1404	327	10	0	0	0.00	1.04	0
CO26536+	CO26439	4.04	450 3-	1/0ACSR	1679	1584	1433	328	2259	50	22	0.01	1.05	26
CO26535+	CO26536	4.11	450 3-	1/0ACSR	1663	1569	1416	328	2259	50	22	0.03	1.08	115
CO26482+	CO26535	4.17	4 1-	4ACSR	0	0	1399	326	21	1	1	0.00	1.08	0
CO30597+	CO26482	4.36	1 1-	4ACSR	0	0	1346	323	1	0	0	0.00	1.08	0
CO26367+	CO26535	4.15	445 3-	1/0ACSR	1656	1562	1409	327	2232	50	22	0.01	1.09	48
CO26392+	CO26367	4.26	1 1-	4ACSR	0	0	1376	325	6	0	0	0.00	1.09	0
CO26366+	CO26367	4.18	444 3-	1/0ACSR	1648	1555	1400	327	2226	50	22	0.02	1.11	55
CO26391+	CO26366	4.23	2 1-	4ACSR	0	0	1387	326	13	0	1	0.00	1.11	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26365+	CO26366	4.24	442 3-	1/0ACSR	1637	1544	1388	326	2213	49	22	0.02	1.13	81
CO26548+	CO26365	4.25	5 1-	6ACWC	0	0	1387	326	30	1	1	0.00	1.13	0
OC813+	CO26548	4.25	5 1-	10 N FUSE	0	0	1387	326	30	1	20	0.00	1.13	0
CO26549+	OC813	4.35	5 1-	6ACWC	0	0	1360	324	30	1	1	0.00	1.14	0
CO26533+	CO26549	4.60	4 1-	6ACWC	0	0	1292	319	22	1	1	0.01	1.14	0
CO26544+	CO26533	4.74	2 1-	6ACWC	0	0	1256	317	12	0	1	0.00	1.15	0
CO26401+	CO26544	4.86	1 1-	2ACSR	0	0	1232	315	4	0	0	0.00	1.15	0
CO26545+	CO26544	4.78	0 1-	6ACWC	0	0	1246	316	0	0	0	0.00	1.15	0
CO26534+	CO26545	4.87	0 1-	6ACWC	0	0	1227	314	0	0	0	0.00	1.15	0
CO26364+	CO26365	4.33	437 3-	1/0ACSR	1619	1526	1370	325	2183	49	21	0.04	1.17	125
CO26363+	CO26364	4.44	433 3-	1/0ACSR	1599	1506	1348	324	2173	49	21	0.04	1.22	148
CO26385+	CO26363	4.48	3 1-	4ACSR	0	0	1338	324	19	1	1	0.00	1.22	0
CO-524277741+	CO26385	4.76	1 1-	2ACSR	0	0	1275	320	4	0	0	0.00	1.22	0
CO26546+	CO26363	4.44	376 3-	1/0ACSR	1597	1505	1347	324	1881	42	18	0.00	1.22	7
OC817+	CO26546	4.44	376 3-	70 E OCR	1597	1505	1347	324	1881	42	61	0.00	1.22	0
CO26547+	OC817	4.49	376 3-	1/0ACSR	1589	1497	1338	324	1881	42	18	0.02	1.23	44
CO26438+	CO26547	4.52	375 3-	1/0ACSR	1582	1490	1331	324	1881	42	18	0.01	1.25	39
CO26531+	CO26438	4.58	373 3-	1/0ACSR	1571	1479	1320	323	1877	42	18	0.02	1.27	61
CO30599+	CO26531	4.77	372 3-	1/0ACSR	1538	1447	1286	321	1869	42	18	0.07	1.33	187
CO30598+	CO30599	4.81	4 1-	4ACSR	0	0	1275	320	38	2	2	0.00	1.34	0
CO26532+	CO30598	4.88	2 1-	4ACSR	0	0	1258	319	23	1	1	0.00	1.34	0
CO26481+	CO26532	4.95	1 1-	4ACSR	0	0	1242	318	11	0	1	0.00	1.34	0
CO26388+	CO26532	4.93	1 1-	4ACSR	0	0	1246	318	12	0	1	0.00	1.34	0
CO16728+	CO30599	4.85	368 3-	1/0ACSR	1523	1433	1271	320	1830	41	18	0.03	1.36	79
CO16966+	CO16728	4.85	2 1-	4ACSR	0	0	1269	320	1	0	0	0.00	1.36	0
OC516+	CO16966	4.85	2 1-	10 N FUSE	0	0	1269	320	1	0	0	0.00	1.36	0
CO16967+	OC516	5.17	2 1-	4ACSR	0	0	1196	314	1	0	0	0.00	1.36	0
CO16864+	CO16967	5.25	2 1-	4ACSR	0	0	1178	313	1	0	0	0.00	1.36	0
CO16865+	CO16864	5.40	0 1-	4ACSR	0	0	1146	310	0	0	0	0.00	1.36	0
CO16869+	CO16728	4.89	365 3-	1/0ACSR	1517	1427	1264	320	1819	41	18	0.01	1.38	38
CO16868+	CO16869	4.91	364 3-	1/0ACSR	1512	1422	1259	320	1812	40	18	0.01	1.39	27
CO16870+	CO16868	4.95	361 3-	1/0ACSR	1506	1416	1253	319	1808	40	18	0.01	1.40	33
CO16770+	CO16870	5.06	1 1-	4ACSR	0	0	1226	317	5	0	0	0.00	1.40	0
CO16859+	CO16870	4.99	1 1-	4ACSR	0	0	1244	319	14	0	1	0.00	1.40	0
CO16863+	CO16859	5.02	1 1-	4ACSR	0	0	1235	318	14	0	1	0.00	1.40	0
CO16860+	CO16863	5.07	1 1-	4ACSR	0	0	1224	317	14	0	1	0.00	1.40	0
CO16862+	CO16860	5.16	1 1-	4ACSR	0	0	1205	315	14	0	1	0.00	1.40	0
CO16861+	CO16862	5.36	1 1-	4ACSR	0	0	1161	312	14	0	1	0.00	1.40	0
CO16867+	CO16870	4.98	359 3-	1/0ACSR	1501	1412	1248	319	1790	40	18	0.01	1.41	27
CO16866+	CO16867	5.11	359 3-	1/0ACSR	1478	1390	1226	318	1790	40	18	0.05	1.45	124
CO16769+	CO16866	5.27	3 1-	4ACSR	0	0	1190	315	7	0	0	0.00	1.45	0
CO16727+	CO16866	5.41	355 3-	1/0ACSR	1429	1343	1177	315	1768	40	17	0.10	1.56	279
CO16730+	CO16727	5.54	349 3-	1/0ACSR	1409	1324	1157	314	1739	39	17	0.04	1.60	118
CO16729+	CO16730	5.63	345 3-	1/0ACSR	1396	1311	1144	313	1727	39	17	0.03	1.63	75
CO16922+	CO16729	5.72	7 1-	4ACSR	0	0	1127	311	1	0	0	0.00	1.63	0
CO16921+	CO16922	5.82	5 1-	4ACSR	0	0	1107	309	1	0	0	0.00	1.63	0
CO16958+	CO16921	5.90	1 1-	2ACSR	0	0	1094	308	1	0	0	0.00	1.63	0
CO16957+	CO16958	5.94	1 1-	2ACSR	0	0	1087	308	1	0	0	0.00	1.63	0
CO16871+	CO16729	5.74	338 3-	1/0ACSR	1379	1296	1128	312	1725	39	17	0.04	1.66	97
CO16873+	CO16871	5.77	335 3-	1/0ACSR	1375	1292	1124	312	1711	38	17	0.01	1.67	25
CO16872+	CO16873	5.80	335 3-	1/0ACSR	1371	1288	1120	311	1711	38	17	0.01	1.68	25
CO16954+	CO16872	5.85	3 1-	2ACSR	0	0	1112	311	22	1	1	0.00	1.68	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16952+	CO16954	5.89	1 1-	2ACSR	0	0	1105	310	12	0	0	0.00	1.69	0
CO16953+	CO16952	5.93	1 1-	2ACSR	0	0	1098	310	12	0	0	0.00	1.69	0
CO16956+	CO16953	5.97	0 1-	2ACSR	0	0	1093	309	0	0	0	0.00	1.69	0
CO16955+	CO16956	6.10	0 1-	2ACSR	0	0	1072	307	0	0	0	0.00	1.69	0
CO16771+	CO16872	5.86	1 1-	4ACSR	0	0	1109	310	1	0	0	0.00	1.68	0
CO16875+	CO16872	6.02	331 3-	1/0ACSR	1339	1258	1090	309	1689	38	17	0.07	1.75	183
CO16874+	CO16875	6.08	329 3-	1/0ACSR	1331	1250	1082	309	1679	38	17	0.02	1.77	50
CO16876+	CO16874	6.11	328 3-	1/0ACSR	1327	1246	1078	309	1669	37	16	0.01	1.78	24
CO17252+	CO16876	6.18	73 1-	4ACSR	0	0	1065	307	331	22	16	0.04	1.82	20
XFMR85	CO17252	6.18	72 1-	333 KVA 1PH AUT	0	0	861	171	325	22	96	0.67	2.49	0
CO16673	XFMR85	6.22	72 1-	4ACSR	0	0	853	171	325	44	32	0.08	2.57	43
CO16698	CO16673	6.23	72 1-	4ACSR	0	0	852	170	325	44	32	0.01	2.58	7
OC510	CO16698	6.23	72 1-	50 H OCR	0	0	852	170	325	44	89	0.00	2.58	0
CO16699	OC510	6.29	72 1-	4ACSR	0	0	841	170	325	44	32	0.12	2.71	65
CO16674	CO16699	6.35	69 1-	4ACSR	0	0	829	169	321	43	31	0.13	2.83	66
CO16512	CO16674	6.47	1 1-	4ACSR	0	0	808	168	8	1	1	0.00	2.84	0
CO16482	CO16674	6.42	67 1-	4ACSR	0	0	817	168	311	42	30	0.13	2.96	64
CO16513	CO16482	6.47	3 1-	4ACSR	0	0	808	168	3	0	0	0.00	2.96	0
CO16675	CO16482	6.45	64 1-	4ACSR	0	0	811	168	308	42	30	0.06	3.02	30
CO16676	CO16675	6.55	63 1-	4ACSR	0	0	793	167	307	42	30	0.19	3.21	96
CO16514	CO16676	6.59	1 1-	4ACSR	0	0	787	167	9	1	1	0.00	3.21	0
CO16495	CO16676	6.63	61 1-	4ACSR	0	0	780	166	295	40	29	0.13	3.34	64
CO2041306794	CO16495	6.68	2 1-	2ACSR	0	0	772	166	18	2	1	0.00	3.35	0
CO-685400320	CO2041306794	6.80	2 1-	2ACSR	0	0	755	165	18	2	1	0.01	3.35	0
CO785049355	CO-685400320	6.85	1 1-	2ACSR	0	0	748	165	6	0	0	0.00	3.35	0
CO930784116	CO785049355	6.90	0 1-	2ACSR	0	0	741	164	0	0	0	0.00	3.35	0
CO16677	CO16495	6.66	56 1-	4ACSR	0	0	775	166	260	35	26	0.05	3.39	20
CO16678	CO16677	6.78	56 1-	4ACSR	0	0	753	165	260	35	26	0.20	3.59	85
CO16679	CO16678	6.84	55 1-	4ACSR	0	0	745	164	251	34	25	0.08	3.67	33
CO16686	CO16679	6.91	20 1-	4ACSR	0	0	733	163	103	14	10	0.05	3.72	8
CO16687	CO16686	6.99	20 1-	4ACSR	0	0	721	162	103	14	10	0.05	3.76	8
CO16688	CO16687	7.07	19 1-	4ACSR	0	0	707	162	99	13	10	0.05	3.81	8
CO16689	CO16688	7.13	17 1-	4ACSR	0	0	699	161	91	12	9	0.03	3.84	4
CO16690	CO16689	7.19	14 1-	4ACSR	0	0	689	160	81	11	8	0.03	3.87	4
CO16685	CO16690	7.23	13 1-	4ACSR	0	0	684	160	65	8	6	0.01	3.89	0
CO16684	CO16685	7.28	12 1-	4ACSR	0	0	676	160	64	8	6	0.02	3.91	2
CO16683	CO16684	7.38	12 1-	4ACSR	0	0	661	159	64	8	6	0.04	3.94	4
CO16694	CO16683	7.41	8 1-	4ACSR	0	0	657	158	38	5	4	0.01	3.95	0
CO16695	CO16694	7.48	8 1-	4ACSR	0	0	648	158	38	5	4	0.01	3.97	0
CO16696	CO16695	7.61	6 1-	4ACSR	0	0	631	156	28	3	3	0.02	3.99	0
CO16697	CO16696	7.61	5 1-	4ACSR	0	0	630	156	24	3	2	0.00	3.99	0
CO30602	CO16697	7.66	4 1-	4ACSR	0	0	624	156	21	2	2	0.01	3.99	0
CO-1855246114	CO30602	7.72	1 1-	2ACSR	0	0	618	156	8	1	1	0.00	3.99	0
CO26209	CO30602	7.77	3 1-	4ACSR	0	0	611	155	13	1	1	0.01	4.00	0
CO26195	CO26209	7.86	1 1-	2ACSR	0	0	602	154	6	0	0	0.00	4.00	0
CO26210	CO26209	7.96	2 1-	4ACSR	0	0	587	153	7	1	1	0.01	4.01	0
CO26211	CO26210	8.02	2 1-	4ACSR	0	0	581	153	7	1	1	0.00	4.01	0
CO16692	CO16683	7.44	3 1-	4ACSR	0	0	653	158	17	2	2	0.01	3.95	0
CO16546	CO16692	7.50	1 1-	2ACSR	0	0	646	158	3	0	0	0.00	3.95	0
CO16693	CO16692	7.48	2 1-	4ACSR	0	0	648	158	13	1	1	0.00	3.95	0
CO16691	CO16693	7.52	1 1-	4ACSR	0	0	642	157	5	0	1	0.00	3.95	0
CO16680	CO16679	6.91	34 1-	4ACSR	0	0	734	163	142	19	14	0.06	3.73	14

Substation Power Factor: 0.99

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16511	CO16680	7.02	1 1-	4ACSR	0	0	715	162	13	1	1	0.00	3.73	0
CO16481	CO16680	7.09	32 1-	4ACSR	0	0	704	161	130	17	13	0.15	3.88	32
CO30601	CO16481	7.24	28 1-	4ACSR	0	0	682	160	110	15	11	0.09	3.98	17
CO26139	CO30601	7.37	23 1-	4ACSR	0	0	663	159	89	12	9	0.07	4.05	11
CO26166	CO26139	7.51	1 1-	4ACSR	0	0	643	157	10	1	1	0.00	4.05	0
CO26138	CO26139	7.43	21 1-	4ACSR	0	0	655	158	76	10	7	0.02	4.07	3
CO26137	CO26138	7.64	16 1-	4ACSR	0	0	627	156	52	7	5	0.07	4.14	6
CO26202	CO26137	7.73	3 1-	4ACSR	0	0	616	155	12	1	1	0.01	4.15	0
CO26167	CO26202	7.75	1 1-	4ACSR	0	0	613	155	10	1	1	0.00	4.15	0
CO26203	CO26202	7.81	1 1-	4ACSR	0	0	605	155	2	0	0	0.00	4.15	0
CO26204	CO26137	7.72	11 1-	4ACSR	0	0	617	155	32	4	3	0.02	4.16	0
CO26205	CO26204	7.87	11 1-	4ACSR	0	0	598	154	32	4	3	0.03	4.19	0
CO26169	CO26205	7.93	6 1-	4ACSR	0	0	591	154	19	2	2	0.00	4.19	0
CO-2125198967	CO26169	8.06	1 1-	2ACSR	0	0	579	153	3	0	0	0.00	4.19	0
CO26206	CO26205	8.00	4 1-	4ACSR	0	0	582	153	9	1	1	0.00	4.19	0
CO26207	CO26206	8.03	1 1-	4ACSR	0	0	579	153	2	0	0	0.00	4.19	0
CO26208	CO26207	8.11	1 1-	4ACSR	0	0	571	152	2	0	0	0.00	4.19	0
CO26168	CO26137	7.81	2 1-	4ACSR	0	0	605	155	8	1	1	0.00	4.15	0
CO26199	CO26138	7.45	3 1-	4ACSR	0	0	653	158	15	2	1	0.00	4.07	0
CO26200	CO26199	7.48	3 1-	4ACSR	0	0	648	158	15	2	1	0.00	4.08	0
CO26201	CO26200	7.54	1 1-	4ACSR	0	0	640	157	8	1	1	0.00	4.08	0
CO26192	CO26138	7.55	1 1-	2ACSR	0	0	642	157	2	0	0	0.00	4.07	0
CO30600	CO30601	7.29	2 1-	4ACSR	0	0	674	159	16	2	2	0.00	3.98	0
CO16681	CO16481	7.20	3 1-	4ACSR	0	0	688	160	11	1	1	0.01	3.89	0
CO16682	CO16681	7.26	1 1-	4ACSR	0	0	680	160	9	1	1	0.00	3.89	0
CO16510	CO16481	7.12	1 1-	4ACSR	0	0	700	161	9	1	1	0.00	3.88	0
CO16528	CO16495	6.67	1 1-	4ACSR	0	0	772	166	8	1	1	0.00	3.34	0
CO16877+	CO16876	6.13	255 3-	1/0ACSR	1324	1244	1076	308	1338	30	13	0.00	1.79	10
CO17249+	CO16877	6.22	253 3-	1/0ACSR	1311	1232	1063	307	1329	30	13	0.02	1.81	49
CO16518+	CO17249	6.28	1 1-	4ACSR	0	0	1053	306	1	0	0	0.00	1.81	0
CO16487+	CO17249	6.29	252 3-	1/0ACSR	1302	1224	1055	307	1327	30	13	0.02	1.83	34
CO16517+	CO16487	6.35	1 1-	4ACSR	0	0	1044	306	8	0	0	0.00	1.83	0
CO16486+	CO16487	6.33	250 3-	1/0ACSR	1296	1218	1049	306	1313	29	13	0.01	1.84	24
CO16671+	CO16486	6.41	3 1-	4ACSR	0	0	1036	305	20	1	1	0.00	1.84	0
CO16672+	CO16671	6.46	2 1-	4ACSR	0	0	1027	304	10	0	0	0.00	1.84	0
CO16669+	CO16486	6.44	247 3-	1/0ACSR	1282	1204	1036	305	1293	29	13	0.03	1.87	53
CO16670+	CO16669	6.54	247 3-	1/0ACSR	1269	1192	1024	305	1293	29	13	0.03	1.89	50
CO16485+	CO16670	6.77	246 3-	1/0ACSR	1241	1165	997	303	1287	29	13	0.06	1.95	112
CO16700+	CO16485	6.78	74 1-	4ACSR	0	0	996	302	379	25	19	0.00	1.95	2
OC508+	CO16700	6.78	74 1-	10 N FUSE	0	0	996	302	379	25	259	0.00	1.95	0
CO16701+	OC508	6.83	74 1-	4ACSR	0	0	988	302	379	25	19	0.03	1.98	18
CO16661+	CO16701	6.90	73 1-	4ACSR	0	0	976	300	374	25	18	0.04	2.03	26
CO16526+	CO16661	6.96	1 1-	4ACSR	0	0	968	299	12	0	1	0.00	2.03	0
CO16662+	CO16661	6.92	70 1-	4ACSR	0	0	974	300	360	24	18	0.01	2.04	5
CO16663+	CO16662	6.99	69 1-	4ACSR	0	0	964	299	358	24	17	0.04	2.07	21
CO16664+	CO16663	7.00	67 1-	4ACSR	0	0	961	298	350	23	17	0.01	2.08	5
CO16667+	CO16664	7.07	1 1-	2ACSR	0	0	953	298	11	0	0	0.00	2.08	0
CO16668+	CO16667	7.23	1 1-	2ACSR	0	0	934	296	11	0	0	0.00	2.08	0
CO16665+	CO16664	7.10	66 1-	4ACSR	0	0	947	297	339	23	17	0.05	2.13	28
CO17251+	CO16665	7.14	5 1-	4ACSR	0	0	941	296	45	3	2	0.00	2.13	0
CO-162607518+	CO17251	7.24	3 1-	2ACSR	0	0	929	295	23	1	1	0.00	2.14	0
CO-1767842963+	CO-162607518	7.31	3 1-	2ACSR	0	0	921	294	23	1	1	0.00	2.14	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO55544996+	CO-1767842963	7.38	3 1-	2ACSR	0	0	913	293	23	1	1	0.00	2.14	0
CO-801271943+	CO55544996	7.47	2 1-	2ACSR	0	0	902	292	23	1	1	0.00	2.14	0
CO2142543372+	CO-801271943	7.53	1 1-	2ACSR	0	0	896	292	0	0	0	0.00	2.14	0
CO17250+	CO16665	7.19	58 1-	4ACSR	0	0	933	295	277	19	14	0.04	2.17	17
CO16789+	CO17250	7.22	3 1-	2ACSR	0	0	930	295	17	1	1	0.00	2.17	0
CO16878+	CO17250	7.27	55 1-	4ACSR	0	0	922	294	261	17	13	0.03	2.20	13
CO16731+	CO16878	7.36	52 1-	4ACSR	0	0	910	293	248	17	12	0.03	2.24	13
CO16774+	CO16731	7.43	1 1-	4ACSR	0	0	900	291	11	0	1	0.00	2.24	0
CO16732+	CO16731	7.45	51 1-	4ACSR	0	0	897	291	236	16	12	0.04	2.27	13
XFMR87	CO16732	7.45	51 1-	167 KVA 1PH AUT	0	0	596	165	236	16	140	0.81	3.08	0
CO16742	XFMR87	7.50	51 1-	4ACSR	0	0	592	165	236	32	23	0.07	3.14	26
CO16970	CO16742	7.50	50 1-	4ACSR	0	0	591	165	232	31	23	0.01	3.15	4
OC518	CO16970	7.50	50 1-	50 H OCR	0	0	591	165	232	31	64	0.00	3.15	0
CO16971	OC518	7.60	50 1-	4ACSR	0	0	582	164	232	31	23	0.14	3.29	53
CO16879	CO16971	7.71	50 1-	4ACSR	0	0	573	163	232	31	23	0.15	3.44	57
CO16881	CO16879	8.02	6 1-	4ACSR	0	0	546	160	41	5	4	0.07	3.51	4
CO16880	CO16881	8.06	5 1-	4ACSR	0	0	543	159	31	4	3	0.01	3.52	0
CO16882	CO16880	8.20	4 1-	4ACSR	0	0	532	158	27	3	3	0.02	3.54	0
CO16930	CO16882	8.22	1 1-	4ACSR	0	0	530	158	0	0	0	0.00	3.54	0
CO16929	CO16930	8.26	1 1-	4ACSR	0	0	527	157	0	0	0	0.00	3.54	0
CO16883	CO16882	8.27	3 1-	4ACSR	0	0	525	157	27	3	3	0.01	3.55	0
CO17248	CO16883	8.56	3 1-	4ACSR	0	0	503	154	27	3	3	0.05	3.60	0
CO16392	CO17248	8.69	3 1-	4ACSR	0	0	493	153	27	3	3	0.02	3.62	0
CO16391	CO16392	8.87	1 1-	4ACSR	0	0	480	152	15	2	2	0.01	3.63	0
CO16463	CO16391	8.94	0 1-	4ACSR	0	0	475	151	0	0	0	0.00	3.63	0
#SW505-B	CO16463	8.94	0 1-	Open	0	0	475	151	0	0	0	0.00	3.63	0
CO16733	CO16879	7.81	44 1-	4ACSR	0	0	564	162	191	26	19	0.12	3.56	39
CO16776	CO16733	7.86	1 1-	4ACSR	0	0	559	161	4	0	0	0.00	3.56	0
CO16734	CO16733	7.92	43 1-	4ACSR	0	0	554	161	187	25	18	0.13	3.69	40
CO16735	CO16734	7.99	40 1-	4ACSR	0	0	549	160	171	23	17	0.06	3.76	17
CO16778	CO16735	8.04	2 1-	4ACSR	0	0	545	159	10	1	1	0.00	3.76	0
CO16736	CO16735	8.17	36 1-	4ACSR	0	0	534	158	142	19	14	0.15	3.91	35
CO16936	CO16736	8.23	1 1-	4ACSR	0	0	529	158	2	0	0	0.00	3.91	0
CO16938	CO16936	8.28	1 1-	4ACSR	0	0	525	157	2	0	0	0.00	3.91	0
CO16937	CO16938	8.30	1 1-	4ACSR	0	0	523	157	2	0	0	0.00	3.91	0
CO16932	CO16736	8.24	2 1-	4ACSR	0	0	528	157	8	1	1	0.00	3.91	0
CO16931	CO16932	8.25	2 1-	4ACSR	0	0	527	157	8	1	1	0.00	3.91	0
CO16933	CO16931	8.30	2 1-	4ACSR	0	0	523	157	8	1	1	0.00	3.92	0
CO16935	CO16933	8.36	2 1-	4ACSR	0	0	519	156	8	1	1	0.00	3.92	0
CO16934	CO16935	8.40	2 1-	4ACSR	0	0	515	156	8	1	1	0.00	3.92	0
CO16737	CO16736	8.26	31 1-	4ACSR	0	0	526	157	124	17	12	0.07	3.98	15
CO16940	CO16737	8.31	2 1-	4ACSR	0	0	523	157	10	1	1	0.00	3.98	0
CO16939	CO16940	8.38	2 1-	4ACSR	0	0	517	156	10	1	1	0.00	3.99	0
CO16941	CO16939	8.44	1 1-	4ACSR	0	0	512	156	10	1	1	0.00	3.99	0
CO16738	CO16737	8.36	29 1-	4ACSR	0	0	519	156	114	15	11	0.07	4.05	13
CO16739	CO16738	8.49	28 1-	4ACSR	0	0	508	155	108	14	11	0.09	4.14	16
CO16945	CO16739	8.58	2 1-	4ACSR	0	0	501	154	25	3	2	0.01	4.15	0
CO16944	CO16945	8.63	1 1-	4ACSR	0	0	498	154	13	1	1	0.00	4.15	0
CO16885	CO16739	8.60	26 1-	4ACSR	0	0	500	154	83	11	8	0.06	4.19	8
CO16884	CO16885	8.77	25 1-	4ACSR	0	0	487	152	82	11	8	0.09	4.28	12
CO16780	CO16884	8.83	1 1-	4ACSR	0	0	483	152	0	0	0	0.00	4.28	0
CO16740	CO16884	8.87	24 1-	4ACSR	0	0	480	152	82	11	8	0.05	4.33	7

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16781	CO16740	8.93	2 1-	4ACSR	0	0	476	151	5	0	0	0.00	4.33	0
CO16887	CO16740	9.02	22 1-	4ACSR	0	0	469	150	77	10	8	0.07	4.40	8
CO16886	CO16887	9.06	19 1-	4ACSR	0	0	467	150	67	9	7	0.02	4.41	0
CO16888	CO16886	9.23	18 1-	4ACSR	0	0	455	148	60	8	6	0.06	4.47	6
CO16786	CO16888	9.27	1 1-	4ACSR	0	0	452	148	13	1	1	0.00	4.48	0
CO16782	CO16888	9.29	2 1-	4ACSR	0	0	451	148	0	0	0	0.00	4.47	0
CO16889	CO16888	9.28	14 1-	4ACSR	0	0	452	148	44	6	4	0.01	4.49	0
CO16891	CO16889	9.42	13 1-	4ACSR	0	0	443	147	44	6	4	0.04	4.52	3
CO16949	CO16891	9.48	3 1-	4ACSR	0	0	439	146	12	1	1	0.00	4.53	0
CO16946	CO16949	9.54	2 1-	4ACSR	0	0	435	146	6	0	1	0.00	4.53	0
CO16948	CO16946	9.57	2 1-	4ACSR	0	0	433	146	6	0	1	0.00	4.53	0
CO16947	CO16948	9.60	1 1-	4ACSR	0	0	432	145	0	0	0	0.00	4.53	0
CO16890	CO16891	9.57	7 1-	4ACSR	0	0	433	146	23	3	2	0.02	4.55	0
CO16744	CO16890	9.71	7 1-	4ACSR	0	0	425	144	23	3	2	0.02	4.57	0
CO16790	CO16744	9.80	1 1-	4ACSR	0	0	420	144	8	1	1	0.00	4.57	0
CO16893	CO16744	9.78	6 1-	4ACSR	0	0	421	144	14	1	1	0.01	4.57	0
CO16894	CO16893	9.95	5 1-	4ACSR	0	0	411	143	11	1	1	0.01	4.58	0
CO16743	CO16894	10.10	5 1-	4ACSR	0	0	403	141	11	1	1	0.01	4.59	0
CO16897	CO16743	10.21	4 1-	4ACSR	0	0	396	141	4	0	0	0.00	4.60	0
CO16746	CO16897	10.30	2 1-	4ACSR	0	0	391	140	2	0	0	0.00	4.60	0
CO16898	CO16897	10.26	1 1-	4ACSR	0	0	394	140	2	0	0	0.00	4.60	0
CO16899	CO16898	10.40	0 1-	4ACSR	0	0	387	139	0	0	0	0.00	4.60	0
CO16747	CO16743	10.21	1 1-	4ACSR	0	0	396	141	7	0	1	0.00	4.60	0
CO16745	CO16893	9.79	1 1-	4ACSR	0	0	420	144	3	0	0	0.00	4.57	0
CO16793	CO16890	9.68	0 1-	4ACSR	0	0	427	145	0	0	0	0.00	4.55	0
CO16791	CO16793	9.73	0 1-	4ACSR	0	0	424	144	0	0	0	0.00	4.55	0
CO16795	CO16793	9.89	0 1-	4ACSR	0	0	414	143	0	0	0	0.00	4.55	0
CO16794	CO16795	10.30	0 1-	4ACSR	0	0	391	140	0	0	0	0.00	4.55	0
CO16783	CO16891	9.50	3 1-	4ACSR	0	0	437	146	9	1	1	0.00	4.53	0
CO16779	CO16739	8.66	0 1-	4ACSR	0	0	495	154	0	0	0	0.00	4.14	0
CO16943	CO16738	8.42	1 1-	4ACSR	0	0	514	156	6	0	1	0.00	4.05	0
CO16777	CO16734	7.97	2 1-	4ACSR	0	0	551	160	11	1	1	0.00	3.69	0
CO16775	CO16742	7.59	1 1-	4ACSR	0	0	583	164	4	0	0	0.00	3.14	0
CO16773+	CO16878	7.40	1 1-	4ACSR	0	0	903	292	0	0	0	0.00	2.20	0
CO16772+	CO16878	7.35	1 1-	4ACSR	0	0	911	293	8	0	0	0.00	2.20	0
CO16666+	CO16665	7.14	3 1-	4ACSR	0	0	941	296	17	1	1	0.00	2.13	0
CO16484+	CO16485	6.87	172 3-	1/0ACSR	1229	1155	986	302	907	20	9	0.02	1.97	23
CO16483+	CO16484	6.96	172 3-	1/0ACSR	1218	1144	974	301	907	20	9	0.02	1.98	23
CO16702+	CO16483	6.97	14 1-	4ACSR	0	0	973	301	51	3	2	0.00	1.98	0
OC509+	CO16702	6.97	14 1-	35 H OCR	0	0	973	301	51	3	10	0.00	1.98	0
CO16703+	OC509	7.10	14 1-	4ACSR	0	0	953	298	51	3	2	0.01	1.99	0
CO16654+	CO16703	7.19	13 1-	4ACSR	0	0	940	297	51	3	2	0.01	2.00	0
CO16655+	CO16654	7.32	11 1-	4ACSR	0	0	922	295	51	3	2	0.01	2.01	0
CO16515+	CO16655	7.38	2 1-	4ACSR	0	0	914	294	5	0	0	0.00	2.01	0
CO16656+	CO16655	7.54	9 1-	4ACSR	0	0	892	291	46	3	2	0.01	2.02	0
CO16657+	CO16656	7.58	8 1-	4ACSR	0	0	887	290	36	2	2	0.00	2.03	0
CO16660+	CO16657	7.73	5 1-	4ACSR	0	0	867	288	33	2	2	0.01	2.03	0
CO1125860385+	CO16660	7.87	1 1-	2ACSR	0	0	853	286	9	0	0	0.00	2.03	0
CO17203+	CO16660	7.87	4 1-	4ACSR	0	0	850	286	25	1	1	0.01	2.04	0
CO16060+	CO17203	7.94	1 1-	4ACSR	0	0	840	284	3	0	0	0.00	2.04	0
CO16092+	CO17203	7.97	3 1-	4ACSR	0	0	837	284	22	1	1	0.00	2.04	0
CO16093+	CO16092	8.17	3 1-	4ACSR	0	0	813	281	22	1	1	0.01	2.05	0

Substation Power Factor: 0.99
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16091+	CO16093	8.23	2 1-	4ACSR	0	0	806	280	18	1	1	0.00	2.05	0
CO16658+	CO16657	7.73	3 1-	4ACSR	0	0	867	288	3	0	0	0.00	2.03	0
CO16659+	CO16658	7.82	2 1-	4ACSR	0	0	855	286	1	0	0	0.00	2.03	0
CO16652+	CO16483	7.07	2 1-	4ACSR	0	0	957	299	7	0	0	0.00	1.98	0
CO16653+	CO16652	7.10	1 1-	4ACSR	0	0	953	298	0	0	0	0.00	1.98	0
CO16650+	CO16483	7.03	156 3-	1/0ACSR	1209	1136	966	300	848	19	8	0.01	1.99	15
CO16651+	CO16650	7.09	153 3-	1/0ACSR	1202	1129	960	300	819	18	8	0.01	2.00	12
CO16519+	CO16651	7.18	3 1-	4ACSR	0	0	948	298	10	0	0	0.00	2.00	0
CO16488+	CO16651	7.17	150 3-	1/0ACSR	1194	1121	951	299	809	18	8	0.01	2.02	15
CO16489+	CO16488	7.26	148 3-	1/0ACSR	1183	1111	941	298	792	17	8	0.01	2.03	17
CO16523+	CO16489	7.32	1 1-	4ACSR	0	0	933	297	2	0	0	0.00	2.03	0
CO16522+	CO16489	7.34	2 1-	4ACSR	0	0	931	297	22	1	1	0.00	2.03	0
CO16490+	CO16489	7.39	144 3-	1/0ACSR	1169	1098	928	297	764	17	8	0.02	2.05	21
CO16707+	CO16490	7.39	108 3-	1/0ACSR	1169	1097	928	297	548	12	5	0.00	2.05	0
SW513-B+	CO16707	7.39	0 1-	Open	0	0	928	297	0	0	0	0.00	2.05	0
SW513-A+	CO16707	7.39	0 1-	Open	0	0	928	297	0	0	0	0.00	2.05	0
CO16706+	CO16707	7.42	108 3-	1/0ACSR	1166	1094	925	297	548	12	5	0.00	2.05	2
CO16619+	CO16706	7.45	108 3-	1/0ACSR	1163	1091	922	296	548	12	5	0.00	2.05	3
CO16620+	CO16619	7.48	106 3-	1/0ACSR	1159	1088	918	296	536	12	5	0.00	2.06	3
CO16622+	CO16620	7.61	105 3-	1/0ACSR	1146	1075	905	295	525	11	5	0.01	2.07	10
CO16621+	CO16622	7.71	102 3-	1/0ACSR	1135	1065	895	294	518	11	5	0.01	2.08	8
CO16612+	CO16621	7.76	3 1-	4ACSR	0	0	889	293	4	0	0	0.00	2.08	0
CO16617+	CO16612	7.92	2 1-	4ACSR	0	0	868	290	1	0	0	0.00	2.08	0
CO16618+	CO16617	8.04	1 1-	4ACSR	0	0	853	289	0	0	0	0.00	2.08	0
CO16494+	CO16621	7.79	99 3-	1/0ACSR	1127	1058	888	293	514	11	5	0.01	2.09	6
CO16610+	CO16494	7.84	1 1-	4ACSR	0	0	881	292	13	0	1	0.00	2.09	0
CO16611+	CO16610	7.86	1 1-	4ACSR	0	0	878	292	13	0	1	0.00	2.09	0
CO16616+	CO16494	7.84	98 3-	1/0ACSR	1122	1052	882	293	501	11	5	0.01	2.09	4
CO16543+	CO16616	7.87	1 1-	2ACSR	0	0	879	292	13	0	1	0.00	2.09	0
CO16615+	CO16616	7.90	95 3-	1/0ACSR	1116	1047	877	292	469	10	5	0.00	2.10	3
CO16509+	CO16615	7.94	3 1-	4ACSR	0	0	871	291	21	1	1	0.00	2.10	0
CO16614+	CO16615	7.94	92 3-	1/0ACSR	1112	1043	873	292	447	10	4	0.00	2.10	3
CO16613+	CO16614	7.99	91 3-	1/0ACSR	1107	1039	868	291	447	10	4	0.00	2.11	3
CO16479+	CO16613	8.12	7 1-	4ACSR	0	0	852	289	31	2	2	0.01	2.11	0
CO16608+	CO16479	8.52	2 1-	4ACSR	0	0	806	283	0	0	0	0.00	2.11	0
CO16609+	CO16608	8.56	1 1-	4ACSR	0	0	802	282	0	0	0	0.00	2.11	0
CO16605+	CO16479	8.19	4 1-	4ACSR	0	0	844	288	31	2	2	0.00	2.11	0
CO16606+	CO16605	8.22	2 1-	4ACSR	0	0	840	288	15	1	1	0.00	2.12	0
CO16607+	CO16606	8.26	1 1-	4ACSR	0	0	836	287	8	0	0	0.00	2.12	0
CO16480+	CO16613	8.12	83 3-	1/0ACSR	1094	1027	856	290	407	9	4	0.01	2.12	6
CO16508+	CO16480	8.21	1 1-	4ACSR	0	0	845	289	4	0	0	0.00	2.12	0
CO16604+	CO16480	8.29	79 3-	1/0ACSR	1078	1011	840	289	383	8	4	0.01	2.13	7
CO16603+	CO16604	8.38	77 3-	1/0ACSR	1069	1003	832	288	363	8	4	0.01	2.13	4
CO-523972417+	CO16603	8.43	2 1-	2ACSR	0	0	828	287	12	0	0	0.00	2.13	0
CO16602+	CO16603	8.53	75 3-	1/0ACSR	1056	991	820	287	351	7	3	0.01	2.14	5
CO16601+	CO16602	8.59	74 3-	1/0ACSR	1050	985	815	286	351	7	3	0.00	2.15	2
CO16709+	CO16601	8.72	74 3-	1/0ACSR	1039	975	804	285	351	7	3	0.01	2.16	5
OC511+	CO16709	8.72	72 3-	50 L OCR	1039	975	804	285	350	7	0	0.00	2.16	0
CO16708+	OC511	8.73	72 3-	1/0ACSR	1038	974	803	285	350	7	3	0.00	2.16	0
CO16507+	CO16708	8.79	2 1-	4ACSR	0	0	797	284	5	0	0	0.00	2.16	0
CO16478+	CO16708	8.86	70 3-	1/0ACSR	1027	963	793	284	345	7	3	0.01	2.17	5
CO16477+	CO16478	9.06	4 3-	2ACSR	1006	945	776	282	44	0	1	0.00	2.17	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16596+	CO16477	9.11	1 1-	2ACSR	0	0	772	281	14	0	1	0.00	2.17	0
CO16595+	CO16477	9.13	1 1-	2ACSR	0	0	770	281	11	0	0	0.00	2.17	0
CO16505+	CO16477	9.09	2 3-	2ACSR	1003	942	773	281	19	0	0	0.00	2.17	0
CO16714+	CO16505	9.12	0 3-	2ACSR	1000	940	771	281	0	0	0	0.00	2.17	0
#SW506-B+	CO16714	9.12	0 3-	Open	1000	940	771	281	0	0	0	0.00	2.17	0
CO16597+	CO16505	9.14	2 2-	2ACSR	0	938	770	281	19	0	0	0.00	2.17	0
CO16598+	CO16597	9.15	2 2-	2ACSR	0	937	769	281	19	0	0	0.00	2.17	0
CO16476+	CO16478	9.04	65 3-	4ACSR	1004	944	775	281	288	6	5	0.02	2.19	11
CO16594+	CO16476	9.05	64 3-	4ACSR	1002	942	773	281	284	6	5	0.00	2.19	0
CO16593+	CO16594	9.10	64 3-	4ACSR	996	937	768	280	284	6	5	0.01	2.20	3
CO16537+	CO16593	9.14	1 1-	2ACSR	0	0	765	280	4	0	0	0.00	2.20	0
CO16590+	CO16593	9.18	63 3-	4ACSR	986	928	761	279	280	6	5	0.01	2.21	4
CO16589+	CO16590	9.26	63 3-	4ACSR	975	919	752	278	280	6	5	0.01	2.22	5
CO16591+	CO16589	9.35	0 1-	2ACSR	0	0	745	277	0	0	0	0.00	2.22	0
CO16588+	CO16589	9.36	62 3-	4ACSR	964	909	743	276	280	6	5	0.01	2.23	6
CO16587+	CO16588	9.43	60 3-	4ACSR	955	901	736	275	276	6	4	0.01	2.24	4
CO16586+	CO16587	9.62	59 3-	4ACSR	932	882	719	272	276	6	4	0.02	2.26	10
CO16585+	CO16586	9.69	57 3-	4ACSR	924	875	713	271	261	5	4	0.01	2.27	3
CO16497+	CO16585	9.92	55 3-	2ACSR	904	857	697	269	260	5	3	0.02	2.29	7
CO16542+	CO16497	9.96	2 1-	4ACSR	0	0	694	268	9	0	0	0.00	2.29	0
CO16710+	CO16497	9.93	10 1-	4ACSR	0	0	696	269	46	3	2	0.00	2.29	0
OC507+	CO16710	9.93	10 1-	10 N FUSE	0	0	696	269	46	3	31	0.00	2.29	0
CO16711+	OC507	10.06	10 1-	4ACSR	0	0	685	267	46	3	2	0.01	2.29	0
CO16535+	CO16711	10.19	2 1-	4ACSR	0	0	675	265	11	0	1	0.00	2.30	0
CO16534+	CO16711	10.12	1 1-	4ACSR	0	0	681	266	7	0	0	0.00	2.30	0
CO16579+	CO16711	10.21	7 1-	4ACSR	0	0	673	265	28	1	1	0.01	2.30	0
CO16580+	CO16579	10.34	6 1-	4ACSR	0	0	663	263	22	1	1	0.00	2.31	0
CO16498+	CO16580	10.36	5 1-	4ACSR	0	0	661	263	22	1	1	0.00	2.31	0
CO16532+	CO16498	10.41	2 1-	4ACSR	0	0	658	262	12	0	1	0.00	2.31	0
CO16577+	CO16498	10.54	3 1-	4ACSR	0	0	648	261	10	0	0	0.00	2.31	0
CO16578+	CO16577	10.61	1 1-	4ACSR	0	0	642	260	2	0	0	0.00	2.31	0
CO16533+	CO16580	10.41	1 1-	4ACSR	0	0	658	262	1	0	0	0.00	2.31	0
CO16500+	CO16497	10.13	42 3-	2ACSR	887	841	683	267	201	4	3	0.01	2.30	4
CO16712+	CO16500	10.14	0 1-	2ACSR	0	0	682	267	0	0	0	0.00	2.30	0
CO16531+	CO16500	10.16	1 1-	2ACSR	0	0	681	267	4	0	0	0.00	2.30	0
CO16499+	CO16500	10.24	41 3-	2ACSR	878	833	676	266	197	4	2	0.01	2.30	0
CO16575+	CO16499	10.34	3 1-	2ACSR	0	0	669	265	8	0	0	0.00	2.30	0
CO16576+	CO16575	10.39	2 1-	2ACSR	0	0	666	264	7	0	0	0.00	2.30	0
CO16573+	CO16576	10.43	1 1-	2ACSR	0	0	664	264	1	0	0	0.00	2.30	0
CO16574+	CO16573	10.45	1 1-	2ACSR	0	0	662	264	1	0	0	0.00	2.30	0
CO16572+	CO16499	10.48	38 3-	2ACSR	859	816	661	263	190	4	2	0.01	2.32	4
CO16571+	CO16572	10.72	38 3-	2ACSR	841	799	646	261	189	4	2	0.01	2.33	4
CO16569+	CO16571	10.77	0 1-	2ACSR	0	0	643	261	0	0	0	0.00	2.33	0
CO16570+	CO16569	10.86	0 1-	2ACSR	0	0	638	260	0	0	0	0.00	2.33	0
CO16496+	CO16571	10.75	38 3-	2ACSR	838	797	644	261	189	4	2	0.00	2.33	0
CO16568+	CO16496	10.78	38 3-	2ACSR	836	795	642	261	189	4	2	0.00	2.33	0
CO30603+	CO16568	11.04	38 3-	2ACSR	817	777	627	258	189	4	2	0.01	2.35	4
CO26290+	CO30603	11.15	37 3-	2ACSR	810	771	622	257	189	4	2	0.01	2.35	0
CO26341+	CO26290	11.15	3 1-	6ACWC	0	0	621	257	22	1	1	0.00	2.35	0
OC800+	CO26341	11.15	3 1-	10 N FUSE	0	0	621	257	22	1	15	0.00	2.35	0
CO26342+	OC800	11.50	3 1-	6ACWC	0	0	598	253	22	1	1	0.01	2.37	0
CO26291+	CO26342	11.54	3 1-	6ACWC	0	0	596	252	22	1	1	0.00	2.37	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26292+	CO26291	11.61	2 1-	6ACWC	0	0	591	251	22	1	1	0.00	2.37	0
CO26295+	CO26292	11.63	1 1-	6ACWC	0	0	590	251	16	1	1	0.00	2.37	0
CO26296+	CO26295	11.72	1 1-	6ACWC	0	0	585	250	16	1	1	0.00	2.37	0
CO26297+	CO26296	11.79	1 1-	6ACWC	0	0	581	249	16	1	1	0.00	2.37	0
CO26298+	CO26297	11.83	1 1-	6ACWC	0	0	578	249	16	1	1	0.00	2.37	0
CO26299+	CO26298	11.90	1 1-	6ACWC	0	0	574	248	16	1	1	0.00	2.38	0
CO26293+	CO26292	11.64	1 1-	6ACWC	0	0	589	251	6	0	0	0.00	2.37	0
CO26294+	CO26293	11.70	1 1-	6ACWC	0	0	586	250	6	0	0	0.00	2.37	0
CO26340+	CO26290	11.15	6 1-	4ACSR	0	0	621	257	21	1	1	0.00	2.35	0
OC801+	CO26340	11.15	6 1-	10 N FUSE	0	0	621	257	21	1	15	0.00	2.35	0
CO26351+	OC801	11.19	6 1-	4ACSR	0	0	619	257	21	1	1	0.00	2.35	0
CO30604+	CO26351	11.37	6 1-	4ACSR	0	0	606	254	21	1	1	0.01	2.36	0
CO16530+	CO30604	11.46	2 1-	4ACSR	0	0	601	253	4	0	0	0.00	2.36	0
CO16504+	CO30604	11.46	4 1-	4ACSR	0	0	601	253	17	1	1	0.00	2.36	0
CO16503+	CO16504	11.77	3 1-	4ACSR	0	0	581	249	14	0	1	0.01	2.37	0
CO16529+	CO16503	11.85	1 1-	4ACSR	0	0	577	248	9	0	0	0.00	2.37	0
CO16564+	CO16503	11.81	1 1-	4ACSR	0	0	579	249	3	0	0	0.00	2.37	0
CO16565+	CO16564	11.85	1 1-	4ACSR	0	0	576	248	3	0	0	0.00	2.37	0
CO16566+	CO16565	11.90	0 1-	4ACSR	0	0	573	248	0	0	0	0.00	2.37	0
CO16567+	CO16566	12.02	0 1-	4ACSR	0	0	566	246	0	0	0	0.00	2.37	0
CO30605+	CO16504	11.57	1 1-	6ACSR	0	0	591	251	4	0	0	0.00	2.36	0
CO26300+	CO26351	11.24	0 1-	4ACSR	0	0	615	256	0	0	0	0.00	2.35	0
CO26301+	CO26300	11.26	0 1-	4ACSR	0	0	614	256	0	0	0	0.00	2.35	0
CO26350+	CO26290	11.30	28 3-	2ACSR	800	761	613	256	146	3	2	0.01	2.36	0
CO26289+	CO26350	11.55	28 3-	2ACSR	783	746	600	253	146	3	2	0.01	2.37	2
CO26284+	CO26289	11.62	5 1-	2ACSR	0	0	596	253	5	0	0	0.00	2.37	0
CO26285+	CO26284	11.64	2 1-	2ACSR	0	0	596	253	5	0	0	0.00	2.37	0
CO26286+	CO26285	11.69	2 1-	2ACSR	0	0	593	252	5	0	0	0.00	2.37	0
CO26287+	CO26286	11.72	2 1-	2ACSR	0	0	592	252	5	0	0	0.00	2.37	0
CO26288+	CO26287	11.81	1 1-	2ACSR	0	0	587	251	0	0	0	0.00	2.37	0
CO26283+	CO26289	11.71	21 3-	2ACSR	773	736	592	252	125	2	2	0.01	2.38	0
CO26282+	CO26283	11.75	19 3-	2ACSR	770	734	590	252	116	2	1	0.00	2.38	0
CO26338+	CO26282	11.75	2 1-	2ACSR	0	0	590	252	21	1	1	0.00	2.38	0
OC799+	CO26338	11.75	2 1-	10 N FUSE	0	0	590	252	21	1	14	0.00	2.38	0
CO26339+	OC799	11.81	2 1-	2ACSR	0	0	587	251	21	1	1	0.00	2.38	0
CO26281+	CO26339	11.86	2 1-	2ACSR	0	0	585	251	21	1	1	0.00	2.38	0
CO26349+	CO26281	12.15	1 1-	2ACSR	0	0	571	248	14	0	1	0.00	2.38	0
CO26197+	CO26281	11.92	1 1-	2ACSR	0	0	582	250	7	0	0	0.00	2.38	0
CO26279+	CO26282	11.77	2 1-	2ACSR	0	0	589	251	5	0	0	0.00	2.38	0
CO26280+	CO26279	11.82	1 1-	2ACSR	0	0	587	251	2	0	0	0.00	2.38	0
CO26144+	CO26282	11.90	15 3-	2ACSR	761	725	583	250	89	2	1	0.00	2.38	0
CO26143+	CO26144	12.06	10 3-	2ACSR	751	716	575	249	66	1	1	0.00	2.38	0
CO26273+	CO26143	12.22	6 1-	6ACWC	0	0	565	247	34	2	2	0.01	2.39	0
CO26274+	CO26273	12.28	4 1-	6ACWC	0	0	562	246	24	1	1	0.00	2.39	0
CO26275+	CO26274	12.34	4 1-	6ACWC	0	0	559	246	24	1	1	0.00	2.39	0
CO26276+	CO26275	12.69	4 1-	6ACWC	0	0	540	242	24	1	1	0.01	2.41	0
CO134724805+	CO26276	12.72	1 1-	6ACWC	0	0	538	241	6	0	0	0.00	2.41	0
CO26277+	CO26276	12.82	2 1-	6ACWC	0	0	533	240	15	0	1	0.00	2.41	0
CO26278+	CO26277	12.98	1 1-	6ACWC	0	0	525	238	14	0	1	0.00	2.41	0
CO26268+	CO26143	12.11	4 3-	2ACSR	748	713	572	248	33	0	0	0.00	2.38	0
CO26267+	CO26268	12.30	4 3-	2ACSR	736	703	564	247	33	0	0	0.00	2.39	0
CO26266+	CO26267	12.50	3 3-	2ACSR	725	692	555	245	32	0	0	0.00	2.39	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26155+	CO26266	12.74	1 3-	2ACSR	712	680	545	243	9	0	0	0.00	2.39	0
CO26265+	CO26155	12.74	0 1-	2ACSR	0	0	544	243	0	0	0	0.00	2.39	0
CO26264+	CO26265	12.76	0 1-	2ACSR	0	0	543	243	0	0	0	0.00	2.39	0
CO26263+	CO26155	12.82	1 3-	2ACSR	707	676	541	242	9	0	0	0.00	2.39	0
CO26333+	CO26263	12.92	0 3-	2ACSR	702	671	537	242	0	0	0	0.00	2.39	0
CO26170+	CO26266	12.60	1 1-	2ACSR	0	0	550	244	14	0	1	0.00	2.39	0
CO26269+	CO26144	11.96	5 1-	2ACSR	0	0	580	250	23	1	1	0.00	2.38	0
CO26270+	CO26269	12.05	4 1-	2ACSR	0	0	575	249	18	1	1	0.00	2.38	0
CO26271+	CO26270	12.13	3 1-	2ACSR	0	0	572	248	14	0	1	0.00	2.38	0
CO26272+	CO26271	12.16	2 1-	2ACSR	0	0	570	248	4	0	0	0.00	2.38	0
CO30659+	CO16585	9.78	1 1-	2ACSR	0	0	707	270	0	0	0	0.00	2.27	0
CO16583+	CO30659	9.86	1 1-	2ACSR	0	0	701	270	0	0	0	0.00	2.27	0
CO16584+	CO16583	9.89	1 1-	2ACSR	0	0	699	269	0	0	0	0.00	2.27	0
CO16581+	CO30659	9.81	0 1-	2ACSR	0	0	704	270	0	0	0	0.00	2.27	0
CO16536+	CO30659	9.89	0 1-	2ACSR	0	0	699	269	0	0	0	0.00	2.27	0
CO16704+	CO16490	7.39	36 1-	4ACSR	0	0	928	297	215	14	10	0.00	2.05	0
OC512+	CO16704	7.39	36 1-	50 H OCR	0	0	928	297	215	14	29	0.00	2.05	0
CO16705+	OC512	7.51	36 1-	4ACSR	0	0	911	295	215	14	10	0.04	2.09	13
CO16623+	CO16705	7.57	3 1-	4ACSR	0	0	904	294	16	1	1	0.00	2.09	0
CO16624+	CO16623	7.59	3 1-	4ACSR	0	0	901	293	16	1	1	0.00	2.09	0
CO16625+	CO16624	7.62	1 1-	4ACSR	0	0	897	293	4	0	0	0.00	2.09	0
CO16626+	CO16625	7.73	0 1-	4ACSR	0	0	882	291	0	0	0	0.00	2.09	0
CO16629+	CO16705	7.55	31 1-	4ACSR	0	0	906	294	192	13	9	0.01	2.10	3
CO16630+	CO16629	7.58	30 1-	4ACSR	0	0	902	294	187	12	9	0.01	2.11	3
CO16628+	CO16630	7.62	28 1-	4ACSR	0	0	897	293	170	11	8	0.01	2.12	2
CO16627+	CO16628	7.63	27 1-	4ACSR	0	0	895	293	159	10	8	0.00	2.12	0
CO16634+	CO16627	7.67	2 1-	4ACSR	0	0	890	292	22	1	1	0.00	2.12	0
CO16635+	CO16634	7.68	1 1-	4ACSR	0	0	888	292	7	0	0	0.00	2.12	0
CO16631+	CO16627	7.65	25 1-	4ACSR	0	0	893	292	137	9	7	0.00	2.12	0
CO16632+	CO16631	7.68	23 1-	4ACSR	0	0	889	292	120	8	6	0.01	2.13	0
CO16633+	CO16632	7.72	22 1-	4ACSR	0	0	884	291	110	7	5	0.01	2.13	0
CO16527+	CO16633	7.80	1 1-	4ACSR	0	0	874	290	4	0	0	0.00	2.14	0
CO16491+	CO16633	8.06	19 1-	4ACSR	0	0	841	286	94	6	5	0.05	2.18	7
CO16639+	CO16491	8.18	13 1-	4ACSR	0	0	827	284	60	4	3	0.01	2.19	0
CO16544+	CO16639	8.24	1 1-	2ACSR	0	0	821	283	8	0	0	0.00	2.19	0
CO16640+	CO16639	8.29	12 1-	4ACSR	0	0	814	282	52	3	3	0.01	2.20	0
CO16642+	CO16640	8.36	3 1-	4ACSR	0	0	806	281	11	0	1	0.00	2.20	0
CO16643+	CO16642	8.40	2 1-	4ACSR	0	0	801	280	3	0	0	0.00	2.20	0
CO16641+	CO16643	8.44	2 1-	4ACSR	0	0	797	280	3	0	0	0.00	2.20	0
CO16492+	CO16640	8.50	8 1-	4ACSR	0	0	791	279	41	2	2	0.01	2.22	0
CO16648+	CO16492	8.55	5 1-	4ACSR	0	0	785	278	21	1	1	0.00	2.22	0
CO16649+	CO16648	8.78	2 1-	4ACSR	0	0	761	275	17	1	1	0.00	2.22	0
CO449185838+	CO16649	8.85	1 1-	2ACSR	0	0	756	274	3	0	0	0.00	2.22	0
CO16545+	CO16648	8.58	1 1-	2ACSR	0	0	783	278	3	0	0	0.00	2.22	0
CO16644+	CO16492	8.76	3 1-	4ACSR	0	0	763	275	20	1	1	0.01	2.22	0
CO16645+	CO16644	8.86	2 1-	4ACSR	0	0	753	274	20	1	1	0.00	2.23	0
CO16646+	CO16645	8.93	1 1-	4ACSR	0	0	747	273	8	0	0	0.00	2.23	0
CO16647+	CO16646	8.96	1 1-	4ACSR	0	0	743	272	8	0	0	0.00	2.23	0
CO16524+	CO16640	8.36	0 1-	4ACSR	0	0	806	281	0	0	0	0.00	2.20	0
CO16493+	CO16491	8.14	6 1-	4ACSR	0	0	831	284	34	2	2	0.00	2.19	0
CO16525+	CO16493	8.47	1 1-	4ACSR	0	0	794	279	0	0	0	0.00	2.19	0
CO16637+	CO16493	8.21	4 1-	4ACSR	0	0	823	283	31	2	2	0.00	2.19	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16638+	CO16637	8.25	2 1-	4ACSR	0	0	818	283	18	1	1	0.00	2.19	0
CO16636+	CO16638	8.30	2 1-	4ACSR	0	0	813	282	18	1	1	0.00	2.19	0
CO16521+	CO16488	7.23	1 1-	4ACSR	0	0	943	298	6	0	0	0.00	2.02	0
CO16520+	CO16488	7.27	1 1-	4ACSR	0	0	937	297	11	0	1	0.00	2.02	0
CO16516+	CO16670	6.67	1 1-	4ACSR	0	0	1003	302	6	0	0	0.00	1.89	0
CO16923+	CO16730	5.60	3 1-	4ACSR	0	0	1145	313	9	0	0	0.00	1.60	0
CO16925+	CO16923	5.64	3 1-	4ACSR	0	0	1137	312	9	0	0	0.00	1.60	0
CO16924+	CO16925	5.69	1 1-	4ACSR	0	0	1128	311	6	0	0	0.00	1.60	0
CO16926+	CO16727	5.50	6 1-	4ACSR	0	0	1159	313	28	1	1	0.00	1.56	0
CO16928+	CO16926	5.60	5 1-	4ACSR	0	0	1138	312	25	1	1	0.00	1.56	0
CO16927+	CO16928	5.66	3 1-	4ACSR	0	0	1126	310	20	1	1	0.00	1.56	0
CO16920+	CO30599	4.86	0 1-	4ACSR	0	0	1262	319	0	0	0	0.00	1.33	0
CO16919+	CO16920	4.92	0 1-	4ACSR	0	0	1249	318	0	0	0	0.00	1.33	0
CO26387+	CO26438	4.58	1 1-	4ACSR	0	0	1317	323	3	0	0	0.00	1.25	0
CO26386+	CO26438	4.68	1 1-	4ACSR	0	0	1292	321	1	0	0	0.00	1.25	0
CO26530+	CO26363	4.55	54 3-	1/0ACSR	1577	1485	1326	323	271	6	3	0.01	1.22	2
CO26529+	CO26530	4.67	51 3-	1/0ACSR	1556	1465	1304	322	267	6	3	0.01	1.23	2
CO26525+	CO26529	4.72	50 3-	1/0ACSR	1546	1455	1294	322	256	5	3	0.00	1.23	0
CO26480+	CO26525	4.81	9 1-	4ACSR	0	0	1272	320	44	2	2	0.01	1.23	0
CO26526+	CO26480	4.83	6 1-	4ACSR	0	0	1267	320	42	2	2	0.00	1.24	0
CO26527+	CO26526	4.85	3 1-	4ACSR	0	0	1262	319	22	1	1	0.00	1.24	0
CO26528+	CO26527	4.92	1 1-	4ACSR	0	0	1245	318	12	0	1	0.00	1.24	0
CO26524+	CO26525	4.76	40 3-	1/0ACSR	1540	1449	1288	321	212	4	2	0.00	1.23	0
CO26523+	CO26524	4.78	38 3-	1/0ACSR	1534	1444	1282	321	197	4	2	0.00	1.23	0
CO26522+	CO26523	4.83	36 3-	1/0ACSR	1527	1437	1275	321	186	4	2	0.00	1.23	0
CO26359+	CO26522	4.95	31 3-	1/0ACSR	1506	1416	1253	319	177	3	2	0.00	1.24	0
CO26360+	CO26359	5.01	28 3-	1/0ACSR	1495	1406	1243	319	143	3	1	0.00	1.24	0
CO26361+	CO26360	5.07	26 3-	1/0ACSR	1486	1397	1233	318	125	2	1	0.00	1.24	0
CO26383+	CO26361	5.14	0 1-	4ACSR	0	0	1215	317	0	0	0	0.00	1.24	0
CO26521+	CO26361	5.19	26 3-	1/0ACSR	1466	1378	1213	317	125	2	1	0.00	1.24	0
CO26520+	CO26521	5.23	26 3-	1/0ACSR	1459	1372	1206	317	125	2	1	0.00	1.24	0
CO26519+	CO26520	5.27	24 3-	1/0ACSR	1453	1366	1200	316	114	2	1	0.00	1.24	0
CO26436+	CO26519	5.38	21 3-	1/0ACSR	1434	1348	1181	315	103	2	1	0.00	1.25	0
CO26437+	CO26436	5.46	21 3-	1/0ACSR	1422	1336	1170	315	103	2	1	0.00	1.25	0
CO26362+	CO26437	5.50	19 3-	1/0ACSR	1416	1331	1164	314	97	2	1	0.00	1.25	0
CO26469+	CO26362	5.63	4 1-	4ACSR	0	0	1137	312	22	1	1	0.00	1.25	0
CO26382+	CO26469	5.71	1 1-	4ACSR	0	0	1120	310	8	0	0	0.00	1.25	0
CO26381+	CO26469	5.66	2 1-	4ACSR	0	0	1130	311	12	0	1	0.00	1.25	0
CO26468+	CO26469	5.71	1 1-	4ACSR	0	0	1121	310	2	0	0	0.00	1.25	0
CO26518+	CO26362	5.64	15 3-	1/0ACSR	1393	1309	1142	313	74	1	1	0.00	1.25	0
CO30383+	CO26518	6.07	15 3-	1/0ACSR	1333	1252	1084	309	74	1	1	0.01	1.26	0
CO26214+	CO30383	6.08	14 3-	1/0ACSR	1330	1249	1081	309	72	1	1	0.00	1.26	0
CO26212+	CO26214	6.18	2 1-	4ACSR	0	0	1064	307	13	0	1	0.00	1.26	0
CO26213+	CO26212	6.28	1 1-	4ACSR	0	0	1045	305	8	0	0	0.00	1.26	0
CO26216+	CO26214	6.18	11 3-	1/0ACSR	1317	1237	1069	308	58	1	1	0.00	1.26	0
CO26215+	CO26216	6.41	11 3-	1/0ACSR	1287	1209	1040	306	58	1	1	0.00	1.26	0
CO26217+	CO26215	6.42	1 1-	4ACSR	0	0	1038	306	8	0	0	0.00	1.26	0
CO26218+	CO26217	6.44	0 1-	4ACSR	0	0	1034	305	0	0	0	0.00	1.26	0
CO26134+	CO26215	6.48	10 3-	1/0ACSR	1277	1199	1031	305	50	1	0	0.00	1.26	0
CO26133+	CO26134	6.60	8 3-	1/0ACSR	1262	1186	1018	304	41	0	0	0.00	1.26	0
CO26198+	CO26133	6.78	1 1-	4ACSR	0	0	988	301	9	0	0	0.00	1.26	0
CO26135+	CO26133	6.69	7 3-	4ACSR	1245	1171	1002	302	32	0	1	0.00	1.26	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26136+	CO26135	6.84	3 1-	4ACSR	0	0	978	300	25	1	1	0.01	1.27	0
CO26164+	CO26136	6.92	2 1-	4ACSR	0	0	966	298	14	0	1	0.00	1.27	0
CO26163+	CO26136	7.05	1 1-	4ACSR	0	0	946	296	10	0	1	0.00	1.27	0
CO26221+	CO26135	6.79	1 1-	4ACSR	0	0	987	301	2	0	0	0.00	1.26	0
CO26222+	CO26221	7.01	1 1-	4ACSR	0	0	952	297	2	0	0	0.00	1.26	0
CO26223+	CO26222	7.11	1 1-	4ACSR	0	0	938	295	2	0	0	0.00	1.26	0
CO-1978532683+	CO26223	7.18	1 1-	4ACSR	0	0	927	294	2	0	0	0.00	1.26	0
CO26224+	CO26133	7.06	0 3-	1/0ACSR	1206	1133	966	300	0	0	0	0.00	1.26	0
CO26325+	CO26224	7.17	0 3-	1/0ACSR	1194	1122	955	299	0	0	0	0.00	1.26	0
SW178-B+	CO26325	7.17	0 3-	Open	1194	1122	955	299	0	0	0	0.00	1.26	0
CO26219+	CO26134	6.52	1 1-	4ACSR	0	0	1025	304	9	0	0	0.00	1.26	0
CO26220+	CO26219	6.57	1 1-	4ACSR	0	0	1017	304	9	0	0	0.00	1.26	0
CO26165+	CO26134	6.55	1 1-	4ACSR	0	0	1019	304	0	0	0	0.00	1.26	0
CO26472+	CO26437	5.51	2 1-	4ACSR	0	0	1160	314	7	0	0	0.00	1.25	0
CO26471+	CO26472	5.55	1 1-	4ACSR	0	0	1151	313	7	0	0	0.00	1.25	0
CO26470+	CO26471	5.70	1 1-	4ACSR	0	0	1120	310	7	0	0	0.00	1.25	0
CO26474+	CO26519	5.32	2 1-	4ACSR	0	0	1188	315	11	0	1	0.00	1.25	0
CO26473+	CO26474	5.38	2 1-	4ACSR	0	0	1175	314	11	0	1	0.00	1.25	0
CO26384+	CO26360	5.09	1 1-	4ACSR	0	0	1225	317	10	0	0	0.00	1.24	0
CO26476+	CO26359	5.02	1 1-	4ACSR	0	0	1235	318	8	0	0	0.00	1.24	0
CO26475+	CO26476	5.06	1 1-	4ACSR	0	0	1226	317	8	0	0	0.00	1.24	0
CO26479+	CO26522	4.87	4 1-	4ACSR	0	0	1263	320	1	0	0	0.00	1.23	0
CO26478+	CO26479	4.94	4 1-	4ACSR	0	0	1247	318	1	0	0	0.00	1.23	0
CO26477+	CO26478	5.00	1 1-	4ACSR	0	0	1233	317	0	0	0	0.00	1.23	0
CO26390+	CO26364	4.36	2 1-	4ACSR	0	0	1362	325	1	0	0	0.00	1.17	0
CO26389+	CO26364	4.37	1 1-	4ACSR	0	0	1359	325	8	0	0	0.00	1.17	0
CO16785+	CO16741	3.63	1 1-	4ACSR	0	0	1523	332	0	0	0	0.00	0.84	0
CO16748+	CO16716	3.05	0 1-	4ACSR	0	0	1685	338	0	0	0	0.00	0.59	0
CO16717+	CO-1958371091	2.99	21 3-	1/0ACSR	1922	1834	1706	339	157	3	2	0.00	0.55	0
CO16903+	CO16717	3.05	2 1-	4ACSR	0	0	1680	338	16	1	1	0.00	0.56	0
CO16902+	CO16903	3.08	1 1-	4ACSR	0	0	1670	337	11	0	1	0.00	0.56	0
CO16750+	CO16903	3.11	1 1-	4ACSR	0	0	1659	337	5	0	0	0.00	0.56	0
CO16798+	CO16717	3.00	19 3-	1/0ACSR	1920	1831	1703	339	142	3	1	0.00	0.56	0
CO16800+	CO16798	3.01	17 3-	1/0ACSR	1916	1827	1698	339	127	2	1	0.00	0.56	0
CO16799+	CO16800	3.08	17 3-	1/0ACSR	1898	1808	1678	338	127	2	1	0.00	0.56	0
CO16751+	CO16799	3.11	3 1-	4ACSR	0	0	1667	338	19	1	1	0.00	0.56	0
CO16718+	CO16799	3.18	14 3-	1/0ACSR	1874	1784	1650	337	108	2	1	0.00	0.56	0
CO16802+	CO16718	3.18	11 3-	1/0ACSR	1873	1782	1649	337	71	1	1	0.00	0.56	0
CO1346362530+	CO16802	3.32	0 3-	1/0ACSR	1839	1746	1609	336	0	0	0	0.00	0.56	0
CO16801+	CO16802	3.25	10 3-	1/0ACSR	1855	1763	1628	336	71	1	1	0.00	0.56	0
CO16719+	CO16801	3.35	8 3-	1/0ACSR	1832	1739	1602	335	63	1	1	0.00	0.56	0
CO16720+	CO16719	3.59	4 3-	1/0ACSR	1777	1682	1540	333	39	0	0	0.00	0.56	0
CO16804+	CO16720	3.74	2 3-	1/0ACSR	1743	1646	1502	331	21	0	0	0.00	0.56	0
CO16803+	CO16804	3.83	0 3-	1/0ACSR	1722	1627	1479	330	0	0	0	0.00	0.56	0
CO16975+	CO16803	3.84	0 1-	6ACWC	0	0	1477	330	0	0	0	0.00	0.56	0
SW524-A+	CO16975	3.84	0 1-	Open	0	0	1477	330	0	0	0	0.00	0.56	0
CO16721+	CO16803	3.88	0 3-	1/0ACSR	1713	1618	1469	330	0	0	0	0.00	0.56	0
CO16752+	CO16721	3.91	0 1-	4ACSR	0	0	1460	329	0	0	0	0.00	0.56	0
CO16805+	CO16721	3.98	0 3-	1/0ACSR	1691	1596	1445	329	0	0	0	0.00	0.56	0
CO16807+	CO16805	4.08	0 3-	1/0ACSR	1669	1575	1422	328	0	0	0	0.00	0.56	0
SW179-A1+	CO16807	4.08	0 3-	Open	1669	1575	1422	328	0	0	0	0.00	0.56	0
CO16787+	CO16720	3.67	1 1-	2ACSR	0	0	1516	332	8	0	0	0.00	0.56	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16753+	CO16720	3.64	0 1-	4ACSR	0	0	1521	332	0	0	0	0.00	0.56	0
CO16911+	CO16719	3.42	2 1-	4ACSR	0	0	1577	334	18	1	1	0.00	0.56	0
CO16910+	CO16911	3.48	1 1-	4ACSR	0	0	1557	333	6	0	0	0.00	0.56	0
CO16754+	CO16801	3.31	2 1-	4ACSR	0	0	1607	335	7	0	0	0.00	0.56	0
CO16788+	CO16802	3.21	1 1-	4ACSR	0	0	1640	337	0	0	0	0.00	0.56	0
CO16909+	CO16718	3.21	0 3-	2ACSR	1865	1773	1639	337	0	0	0	0.00	0.56	0
CO16908+	CO16909	3.23	0 3-	2ACSR	1859	1767	1632	336	0	0	0	0.00	0.56	0
CO16907+	CO16718	3.27	0 3-	2ACSR	1848	1756	1620	336	0	0	0	0.00	0.56	0
CO16906+	CO16907	3.29	0 3-	2ACSR	1843	1750	1614	336	0	0	0	0.00	0.56	0
CO16905+	CO16718	3.29	3 1-	4ACSR	0	0	1609	335	38	2	2	0.00	0.56	0
CO16904+	CO16905	3.37	1 1-	4ACSR	0	0	1578	333	13	0	1	0.00	0.56	0
CO-241663545+	CO-835374848	2.81	0 1-	2ACSR	0	0	1745	340	0	0	0	0.00	0.52	0
CO26540+	CO-976224559	2.81	3 1-	4ACSR	0	0	1724	338	34	2	2	0.01	0.51	0
CO26541+	CO26540	2.87	2 1-	4ACSR	0	0	1699	336	21	1	1	0.00	0.51	0
CO26461+	CO26541	2.96	1 1-	4ACSR	0	0	1663	334	9	0	0	0.00	0.51	0
CO26371+	CO-976224559	2.85	1 1-	4ACSR	0	0	1707	337	1	0	0	0.00	0.50	0
CO-1382980943+	CO1095957714	2.60	0 1-	2ACSR	0	0	1791	340	0	0	0	0.00	0.48	0
CO26490+	CO26414	1.71	2 1-	2ACSR	0	0	2056	345	0	0	0	0.00	0.32	0
CO26489+	CO26490	1.76	1 1-	2ACSR	0	0	2030	345	0	0	0	0.00	0.32	0
CO26488+	CO26489	1.82	1 1-	2ACSR	0	0	2003	344	0	0	0	0.00	0.32	0
CO26487+	CO26488	1.97	1 1-	2ACSR	0	0	1935	341	0	0	0	0.00	0.32	0
CO26398+	CO26487	2.00	1 1-	1/0PRIURD	0	0	1926	795	0	0	0	0.00	0.32	0
CO26492+	CO26398	2.04	1 1-	2ACSR	0	0	1906	341	0	0	0	0.00	0.32	0
CO26491+	CO26492	2.20	0 1-	2ACSR	0	0	1838	338	0	0	0	0.00	0.32	0
CO26400+	CO26426	1.55	1 1-	4ACSR	0	0	2102	346	1	0	0	0.00	0.29	0
CO26463+	CO26426	1.59	2 1-	4ACSR	0	0	2076	345	9	0	0	0.00	0.29	0
CO26462+	CO26463	1.63	0 1-	4ACSR	0	0	2052	344	0	0	0	0.00	0.29	0
OH184+	OH181	0.03	663 3-	336ACSR	2651	2813	2797	354	4725	105	20	0.00	0.01	27
BLUE LICKS+	OH184	0.03	663 3-	560 200WVE	2651	2813	2797	354	4725	105	19	0.00	0.01	0
OH189+	BLUE LICKS	0.05	663 3-	336ACSR	2645	2802	2786	354	4725	105	20	0.01	0.01	39
OH190+	OH189	0.06	663 3-	336ACSR	2642	2796	2780	353	4725	105	20	0.00	0.02	19
CO25140+	OH190	0.10	663 3-	336ACSR	2626	2770	2753	353	4725	105	20	0.02	0.03	93
CO25041+	CO25140	0.13	0 1-	4ACSR	0	0	2728	353	0	0	0	0.00	0.03	0
CO24999+	CO25140	0.13	662 3-	336ACSR	2616	2753	2735	353	4721	105	20	0.01	0.04	61
CO24998+	CO24999	0.22	662 3-	336ACSR	2587	2705	2685	353	4721	105	20	0.03	0.07	178
CO25203+	CO24998	0.23	1 1-	4ACSR	0	0	2679	353	21	1	1	0.00	0.07	0
OC753+	CO25203	0.23	1 1-	10 H OCR	0	0	2679	353	21	1	14	0.00	0.07	0
CO25204+	OC753	0.28	1 1-	4ACSR	0	0	2637	351	21	1	1	0.00	0.07	0
CO30352+	CO24998	0.30	661 3-	336ACSR	2562	2664	2642	352	4699	104	20	0.03	0.10	156
CO26495+	CO30352	0.36	661 3-	336ACSR	2546	2638	2614	352	4699	104	20	0.02	0.11	103
CO26494+	CO26495	0.48	661 3-	1/0ACSR	2494	2560	2534	351	4698	104	46	0.11	0.22	774
CO26493+	CO26494	0.60	661 3-	1/0ACSR	2443	2487	2457	349	4695	104	46	0.11	0.33	773
CO26403+	CO26493	0.67	1 1-	2ACSR	0	0	2411	348	0	0	0	0.00	0.33	0
CO30594+	CO26493	0.74	659 3-	1/0ACSR	2390	2413	2379	348	4684	104	45	0.12	0.44	831
CO16857+	CO30594	0.82	657 3-	1/0ACSR	2357	2369	2330	347	4662	104	45	0.07	0.52	529
CO16858+	CO16857	1.18	656 3-	1/0ACSR	2225	2200	2144	343	4649	103	45	0.31	0.83	2229
CO16856+	CO16858	1.22	656 3-	1/0ACSR	2212	2184	2125	343	4639	103	45	0.03	0.86	235
CO16726+	CO16856	1.38	656 3-	1/0ACSR	2157	2118	2051	341	4638	103	45	0.14	1.00	997
CO16854+	CO16726	1.52	654 3-	1/0ACSR	2110	2063	1989	340	4630	103	45	0.12	1.12	879
CO30674+	CO16854	1.65	654 3-	1/0ACSR	2068	2015	1934	338	4626	103	45	0.11	1.23	826
CO16852+	CO30674	1.72	653 3-	1/0ACSR	2047	1992	1908	338	4615	103	45	0.06	1.29	409

Substation Power Factor: 0.99
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16853+	CO16852	1.85	653 3-	1/0ACSR	2007	1947	1857	336	4613	103	45	0.11	1.40	817
CO16765+	CO16853	1.92	1 1-	4ACSR	0	0	1827	335	9	0	0	0.00	1.41	0
CO16965+	CO16853	1.98	652 3-	1/0ACSR	1970	1906	1811	335	4601	103	45	0.11	1.51	774
CO16964+	CO16965	1.99	652 3-	1/0ACSR	1968	1904	1809	335	4597	103	45	0.01	1.52	41
CO16808+	CO16964	2.24	31 3-	1/0ACSR	1897	1828	1722	333	437	9	4	0.02	1.54	14
CO16809+	CO16808	2.30	31 3-	1/0ACSR	1882	1812	1704	332	437	9	4	0.00	1.54	3
CO16811+	CO16809	2.41	31 3-	1/0ACSR	1852	1780	1668	331	437	9	4	0.01	1.55	6
CO16810+	CO16811	2.55	29 3-	1/0ACSR	1815	1742	1625	329	428	9	4	0.01	1.57	8
CO16722+	CO16810	2.63	0 3-	1/0ACSR	1797	1723	1603	329	0	0	0	0.00	1.57	0
CO16806+	CO16722	2.80	0 3-	1/0ACSR	1755	1680	1556	327	0	0	0	0.00	1.57	0
SW179-B1+	CO16806	2.80	0 3-	Open	1755	1680	1556	327	0	0	0	0.00	1.57	0
CO16972+	CO16810	2.56	29 3-	1/0ACSR	1814	1740	1623	329	428	9	4	0.00	1.57	0
OC522+	CO16972	2.56	29 3-	25 H OCR	1814	1740	1623	329	428	9	39	0.00	1.57	0
CO16973+	OC522	2.68	29 3-	1/0ACSR	1785	1711	1590	328	428	9	4	0.01	1.57	6
CO16813+	CO16973	2.87	29 3-	1/0ACSR	1740	1665	1539	326	428	9	4	0.02	1.59	10
CO16812+	CO16813	3.00	29 3-	1/0ACSR	1710	1634	1504	325	427	9	4	0.01	1.60	7
CO16724+	CO16812	3.05	9 3-	4ACSR	1693	1618	1486	324	329	7	5	0.01	1.61	4
CO16913+	CO16724	3.09	3 1-	4ACSR	0	0	1474	323	14	0	1	0.00	1.61	0
CO16912+	CO16913	3.11	1 1-	4ACSR	0	0	1467	323	10	0	0	0.00	1.61	0
CO16825+	CO16724	3.14	6 3-	4ACSR	1663	1590	1454	322	314	7	5	0.01	1.62	7
CO16828+	CO16825	3.20	5 3-	4ACSR	1645	1573	1435	321	314	7	5	0.01	1.63	4
CO16826+	CO16828	3.40	5 3-	4ACSR	1584	1516	1372	317	314	7	5	0.03	1.66	15
CO16827+	CO16826	3.55	5 3-	4ACSR	1539	1474	1327	314	314	7	5	0.02	1.68	11
CO16824+	CO16827	3.59	5 3-	4ACSR	1528	1464	1315	314	314	7	5	0.01	1.68	3
CO16823+	CO16824	3.79	5 3-	4ACSR	1472	1413	1261	310	314	7	5	0.03	1.71	14
CO16758+	CO16823	3.83	2 1-	4ACSR	0	0	1249	309	7	0	0	0.00	1.71	0
CO16896+	CO16823	3.90	3 3-	4/0ACSR	1457	1397	1244	309	307	6	2	0.00	1.71	0
CO16959+	CO16896	3.95	1 1-	2ACSR	0	0	1234	309	6	0	0	0.00	1.71	0
CO16963+	CO16959	3.99	1 1-	2ACSR	0	0	1226	308	6	0	0	0.00	1.72	0
CO16960+	CO16963	4.05	1 1-	2ACSR	0	0	1213	308	6	0	0	0.00	1.72	0
CO16962+	CO16960	4.18	1 1-	2ACSR	0	0	1187	306	6	0	0	0.00	1.72	0
CO16961+	CO16962	4.24	1 1-	2ACSR	0	0	1176	305	6	0	0	0.00	1.72	0
CO16895+	CO16896	3.97	2 3-	4/0ACSR	1448	1388	1235	309	301	6	2	0.00	1.72	0
250552023+	CO16895	4.02	1 3-	4/0ACSR	1442	1382	1228	309	295	6	2	0.00	1.72	0
CO16757+	CO16895	3.99	1 1-	4ACSR	0	0	1230	309	6	0	0	0.00	1.72	0
CO16830+	CO16812	3.10	8 1-	1/0ACSR	0	0	1478	324	49	3	1	0.00	1.60	0
CO16829+	CO16830	3.15	7 1-	1/0ACSR	0	0	1466	324	46	3	1	0.00	1.61	0
CO1334882040+	CO16829	3.20	1 1-	2ACSR	0	0	1453	323	2	0	0	0.00	1.61	0
CO16760+	CO16829	3.24	2 1-	4ACSR	0	0	1436	322	6	0	0	0.00	1.61	0
CO16831+	CO16829	3.27	4 1-	1/0ACSR	0	0	1439	323	38	2	1	0.00	1.61	0
CO16833+	CO16831	3.29	4 1-	1/0ACSR	0	0	1435	322	38	2	1	0.00	1.61	0
CO16832+	CO16833	3.34	3 1-	1/0ACSR	0	0	1422	322	27	1	1	0.00	1.61	0
CO16761+	CO16832	3.38	2 1-	4ACSR	0	0	1410	321	19	1	1	0.00	1.61	0
CO16836+	CO16832	3.42	1 1-	1/0ACSR	0	0	1405	321	8	0	0	0.00	1.61	0
CO16835+	CO16836	3.52	1 1-	1/0ACSR	0	0	1383	320	8	0	0	0.00	1.61	0
CO16834+	CO16835	3.55	0 1-	1/0ACSR	0	0	1376	320	0	0	0	0.00	1.61	0
CO16976+	CO16834	3.68	0 1-	1/0ACSR	0	0	1349	319	0	0	0	0.00	1.61	0
SW525-B+	CO16976	3.68	0 1-	Open	0	0	1349	319	0	0	0	0.00	1.61	0
CO16815+	CO16812	3.02	12 1-	6ACWC	0	0	1496	325	50	3	2	0.00	1.60	0
CO16814+	CO16815	3.06	12 1-	6ACWC	0	0	1483	324	50	3	2	0.00	1.61	0
CO16759+	CO16814	3.08	0 1-	4ACSR	0	0	1476	324	0	0	0	0.00	1.61	0
CO16818+	CO16814	3.11	12 1-	6ACWC	0	0	1466	323	50	3	2	0.00	1.61	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16819+	CO16818	3.16	11 1-	6ACWC	0	0	1448	322	48	3	2	0.00	1.61	0
CO-1823165757+	CO16819	3.21	10 1-	2ACSR	0	0	1435	321	37	2	1	0.00	1.61	0
CO-626540091+	CO-1823165757	3.34	8 1-	2ACSR	0	0	1400	319	27	1	1	0.00	1.62	0
CO16816+	CO-626540091	3.36	8 1-	6ACWC	0	0	1394	319	27	1	1	0.00	1.62	0
CO16723+	CO16816	3.42	5 1-	6ACWC	0	0	1376	318	13	0	1	0.00	1.62	0
CO16755+	CO16723	3.51	3 1-	6ACWC	0	0	1348	316	10	0	1	0.00	1.62	0
CO16822+	CO16723	3.55	2 1-	6ACWC	0	0	1338	316	3	0	0	0.00	1.62	0
CO16820+	CO16822	3.57	0 1-	6ACWC	0	0	1333	315	0	0	0	0.00	1.62	0
CO16821+	CO16820	3.70	0 1-	6ACWC	0	0	1294	313	0	0	0	0.00	1.62	0
CO16974+	CO16821	3.73	0 1-	6ACWC	0	0	1287	312	0	0	0	0.00	1.62	0
SW524-B+	CO16974	3.73	0 1-	Open	0	0	1287	312	0	0	0	0.00	1.62	0
CO16756+	CO16816	3.47	1 1-	6ACWC	0	0	1361	317	4	0	0	0.00	1.62	0
CO-1657767409+	CO-1823165757	3.25	2 1-	2ACSR	0	0	1425	321	10	0	0	0.00	1.62	0
CO-385362941+	CO-1657767409	3.27	1 1-	2ACSR	0	0	1419	320	8	0	0	0.00	1.62	0
CO-998353101+	CO-385362941	3.30	1 1-	2ACSR	0	0	1411	320	8	0	0	0.00	1.62	0
CO16725+	CO16964	2.01	621 3-	1/0ACSR	1962	1897	1801	335	4159	93	41	0.02	1.54	112
CO16763+	CO16725	2.10	3 1-	4ACSR	0	0	1756	333	72	4	3	0.01	1.54	0
CO16850+	CO16725	2.03	6 1-	4ACSR	0	0	1792	334	35	2	2	0.00	1.54	0
CO16849+	CO16850	2.06	6 1-	4ACSR	0	0	1776	334	35	2	2	0.00	1.54	0
CO16764+	CO16849	2.18	0 1-	4ACSR	0	0	1720	331	0	0	0	0.00	1.54	0
CO16851+	CO16849	2.11	6 1-	4ACSR	0	0	1751	333	35	2	2	0.00	1.54	0
CO17240+	CO16851	2.25	5 1-	4ACSR	0	0	1690	330	35	2	2	0.01	1.55	0
CO14724+	CO17240	2.35	5 1-	4ACSR	0	0	1648	328	35	2	2	0.01	1.55	0
CO14734+	CO14724	2.41	1 1-	4ACSR	0	0	1624	327	9	0	0	0.00	1.55	0
CO14723+	CO14724	2.41	4 1-	4ACSR	0	0	1624	327	26	1	1	0.00	1.55	0
CO14748+	CO14723	2.44	1 1-	1/0PRIURD	0	0	1615	716	13	0	1	0.00	1.56	0
CO14747+	CO14723	2.46	2 1-	1/0PRIURD	0	0	1610	715	12	0	1	0.00	1.56	0
CO14722+	CO14723	2.62	1 1-	4ACSR	0	0	1537	322	1	0	0	0.00	1.56	0
CO14733+	CO14722	2.78	0 1-	4ACSR	0	0	1479	319	0	0	0	0.00	1.56	0
CO14721+	CO14722	2.68	1 1-	4ACSR	0	0	1515	321	1	0	0	0.00	1.56	0
CO14780+	CO14721	2.71	1 1-	4ACSR	0	0	1503	321	1	0	0	0.00	1.56	0
CO14781+	CO14780	2.80	1 1-	4ACSR	0	0	1470	319	1	0	0	0.00	1.56	0
CO14779+	CO14780	2.91	0 1-	4ACSR	0	0	1432	317	0	0	0	0.00	1.56	0
CO14720+	CO14721	3.10	0 1-	4ACSR	0	0	1370	313	0	0	0	0.00	1.56	0
CO14735+	CO17240	2.28	0 1-	4ACSR	0	0	1676	329	0	0	0	0.00	1.55	0
CO16847+	CO16725	2.08	612 3-	1/0ACSR	1942	1876	1777	334	4052	91	40	0.05	1.59	325
CO16848+	CO16847	2.17	612 3-	1/0ACSR	1916	1848	1745	333	4050	91	40	0.07	1.66	452
CO16977+	CO16848	2.18	0 1-	1/0ACSR	0	0	1743	333	0	0	0	0.00	1.66	0
SW525-A+	CO16977	2.18	0 1-	Open	0	0	1743	333	0	0	0	0.00	1.66	0
CO16838+	CO16848	2.27	609 3-	1/0ACSR	1890	1821	1714	332	3499	78	34	0.06	1.72	337
CO16837+	CO16838	2.31	607 3-	1/0ACSR	1877	1807	1698	332	3492	78	34	0.03	1.75	171
CO16839+	CO16837	2.39	606 3-	1/0ACSR	1858	1786	1675	331	3475	78	34	0.05	1.80	263
CO16915+	CO16839	2.42	2 1-	4ACSR	0	0	1663	330	9	0	0	0.00	1.80	0
CO16914+	CO16915	2.45	2 1-	4ACSR	0	0	1651	330	9	0	0	0.00	1.80	0
CO16841+	CO16839	2.45	604 3-	1/0ACSR	1843	1771	1657	331	3465	78	34	0.04	1.83	195
CO16840+	CO16841	2.50	603 3-	1/0ACSR	1828	1756	1640	330	3396	76	33	0.04	1.87	191
CO16842+	CO16840	2.70	600 3-	1/0ACSR	1778	1704	1582	328	3383	76	33	0.13	2.00	671
CO16844+	CO16842	2.79	596 3-	1/0ACSR	1759	1684	1560	327	3371	76	33	0.05	2.05	273
CO16843+	CO16844	2.94	595 3-	1/0ACSR	1722	1646	1518	326	3349	75	33	0.10	2.14	512
CO16968+	CO16843	2.95	50 1-	4ACSR	0	0	1516	326	244	16	12	0.00	2.15	0
OC517+	CO16968	2.95	50 1-	10 N FUSE	0	0	1516	326	244	16	169	0.00	2.15	0
CO16969+	OC517	3.15	50 1-	4ACSR	0	0	1446	322	244	16	12	0.08	2.22	31

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16762+	CO16969	3.40	0 1-	4ACSR	0	0	1368	317	0	0	0	0.00	2.22	0
CO17246+	CO16969	3.38	50 1-	4ACSR	0	0	1372	317	244	16	12	0.09	2.31	35
CO16290+	CO17246	3.52	1 1-	4ACSR	0	0	1332	315	0	0	0	0.00	2.31	0
CO16273+	CO17246	3.41	49 1-	4ACSR	0	0	1363	316	244	16	12	0.01	2.32	5
CO16272+	CO16273	3.50	3 1-	4ACSR	0	0	1337	315	14	0	1	0.00	2.33	0
CO16380+	CO16272	3.53	1 1-	4ACSR	0	0	1328	314	5	0	0	0.00	2.33	0
CO16381+	CO16380	3.59	0 1-	4ACSR	0	0	1309	313	0	0	0	0.00	2.33	0
CO16382+	CO16381	3.69	0 1-	4ACSR	0	0	1283	311	0	0	0	0.00	2.33	0
CO16383+	CO16382	3.97	0 1-	4ACSR	0	0	1207	306	0	0	0	0.00	2.33	0
CO16384+	CO16383	4.11	0 1-	4ACSR	0	0	1175	304	0	0	0	0.00	2.33	0
CO16291+	CO16272	3.52	2 1-	4ACSR	0	0	1330	314	10	0	0	0.00	2.33	0
CO16461+	CO16273	3.84	46 1-	4ACSR	0	0	1241	308	230	15	11	0.16	2.48	58
CO16462+	CO16461	3.85	46 1-	4ACSR	0	0	1239	308	230	15	11	0.00	2.48	0
XFMR337	CO16462	3.85	46 1-	333 KVA 1PH AUT	0	0	922	171	230	15	69	0.57	3.05	0
CO16378	XFMR337	4.19	2 1-	4ACSR	0	0	849	167	26	3	3	0.06	3.11	2
CO16379	CO16378	4.28	2 1-	4ACSR	0	0	830	166	26	3	3	0.01	3.12	0
CO16377	XFMR337	3.87	44 1-	4ACSR	0	0	918	171	203	28	20	0.02	3.08	8
CO16376	CO16377	3.91	44 1-	4ACSR	0	0	909	170	203	28	20	0.05	3.13	17
CO16375	CO16376	3.98	43 1-	4ACSR	0	0	893	170	203	28	20	0.09	3.22	30
CO16371	CO16375	4.17	2 1-	4ACSR	0	0	853	168	7	0	1	0.01	3.23	0
CO16372	CO16371	4.23	2 1-	4ACSR	0	0	841	167	7	0	1	0.00	3.23	0
CO16373	CO16372	4.38	2 1-	4ACSR	0	0	811	165	7	0	1	0.01	3.24	0
CO16374	CO16373	4.66	2 1-	4ACSR	0	0	758	162	7	0	1	0.01	3.24	0
CO772001884	CO16374	4.72	0 1-	2ACSR	0	0	750	162	0	0	0	0.00	3.24	0
CO16370	CO16375	4.08	40 1-	4ACSR	0	0	872	169	183	25	18	0.11	3.33	33
CO16369	CO16370	4.19	40 1-	4ACSR	0	0	849	167	183	25	18	0.13	3.46	39
CO16266	CO16369	4.36	40 1-	4ACSR	0	0	814	166	183	25	18	0.20	3.66	59
CO16280	CO16266	4.43	1 1-	4ACSR	0	0	802	165	12	1	1	0.00	3.66	0
CO16267	CO16266	4.46	39 1-	4ACSR	0	0	796	165	171	23	17	0.10	3.76	29
CO16364	CO16267	4.52	2 1-	4ACSR	0	0	784	164	7	0	1	0.00	3.76	0
CO16365	CO16364	4.55	1 1-	4ACSR	0	0	778	164	7	0	1	0.00	3.76	0
CO16366	CO16365	4.65	1 1-	4ACSR	0	0	761	163	7	0	1	0.00	3.76	0
CO16363	CO16267	4.52	36 1-	4ACSR	0	0	784	164	151	20	15	0.06	3.82	16
CO16362	CO16363	4.79	35 1-	4ACSR	0	0	736	161	150	20	15	0.25	4.07	62
CO16264	CO16362	4.94	33 1-	4ACSR	0	0	711	160	135	18	13	0.13	4.20	29
CO16265	CO16264	5.08	3 1-	4ACSR	0	0	688	158	1	0	0	0.00	4.20	0
CO16278	CO16265	5.18	1 1-	4ACSR	0	0	673	158	1	0	0	0.00	4.20	0
CO16277	CO16265	5.21	1 1-	4ACSR	0	0	668	157	0	0	0	0.00	4.20	0
CO16358	CO16265	5.17	1 1-	4ACSR	0	0	674	158	0	0	0	0.00	4.20	0
CO16359	CO16358	5.33	0 1-	4ACSR	0	0	651	156	0	0	0	0.00	4.20	0
CO16357	CO16264	5.18	30 1-	4ACSR	0	0	673	158	134	18	13	0.20	4.40	44
CO16356	CO16357	5.30	30 1-	4ACSR	0	0	655	156	134	18	13	0.10	4.50	21
CO16467	CO16356	5.62	25 1-	4ACSR	0	0	611	153	109	15	11	0.22	4.73	40
CO16276	CO16467	5.72	24 1-	4ACSR	0	0	599	153	105	14	10	0.07	4.79	11
CO16302	CO16276	5.76	1 1-	4ACSR	0	0	594	152	11	1	1	0.00	4.79	0
CO16347	CO16276	5.92	23 1-	4ACSR	0	0	574	151	94	13	9	0.12	4.91	19
CO16346	CO16347	5.96	23 1-	4ACSR	0	0	570	150	94	13	9	0.02	4.94	3
CO16294	CO16346	6.23	0 1-	4ACSR	0	0	541	148	0	0	0	0.00	4.94	0
CO16274	CO16346	6.18	22 1-	4ACSR	0	0	546	149	92	12	9	0.13	5.06	19
CO16344	CO16274	6.55	0 1-	4ACSR	0	0	509	146	0	0	0	0.00	5.06	0
CO16345	CO16344	6.92	0 1-	4ACSR	0	0	476	143	0	0	0	0.00	5.06	0
CO16343	CO16345	7.45	0 1-	4ACSR	0	0	436	139	0	0	0	0.00	5.06	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16295	CO16343	7.58	0 1-	4ACSR	0	0	427	138	0	0	0	0.00	5.06	0
CO16341	CO16343	7.54	0 1-	4ACSR	0	0	429	138	0	0	0	0.00	5.06	0
CO16342	CO16341	7.63	0 1-	4ACSR	0	0	423	137	0	0	0	0.00	5.06	0
CO16340	CO16342	7.73	0 1-	4ACSR	0	0	416	137	0	0	0	0.00	5.06	0
CO16339	CO16340	7.88	0 1-	4ACSR	0	0	407	135	0	0	0	0.00	5.06	0
CO17229	CO16339	8.05	0 1-	4ACSR	0	0	396	134	0	0	0	0.00	5.06	0
CO16386	CO16274	6.24	21 1-	4ACSR	0	0	539	148	92	12	9	0.03	5.10	5
CO16385	CO16386	6.26	19 1-	4ACSR	0	0	537	148	85	11	8	0.01	5.11	0
CO16387	CO16385	6.30	19 1-	4ACSR	0	0	533	148	84	11	8	0.02	5.13	3
CO16296	CO16387	6.38	1 1-	4ACSR	0	0	525	147	3	0	0	0.00	5.13	0
CO16389	CO16387	6.41	18 1-	4ACSR	0	0	523	147	82	11	8	0.05	5.19	7
CO16388	CO16389	6.49	18 1-	4ACSR	0	0	514	146	82	11	8	0.04	5.23	6
CO16390	CO16388	6.63	14 1-	4ACSR	0	0	501	145	71	10	7	0.06	5.29	8
CO16466	CO16390	6.85	14 1-	4ACSR	0	0	482	143	71	10	7	0.10	5.39	12
OC501	CO16466	6.85	14 1-	15 H OCR	0	0	482	143	71	10	67	0.00	5.39	0
CO16465	OC501	6.86	14 1-	4ACSR	0	0	481	143	71	10	7	0.00	5.40	0
CO16464	CO16465	6.86	0 1-	4ACSR	0	0	481	143	0	0	0	0.00	5.40	0
SW505-A	CO16464	6.86	0 1-	Open	0	0	481	143	0	0	0	0.00	5.40	0
CO16275	CO16465	6.91	14 1-	4ACSR	0	0	477	143	71	10	7	0.03	5.42	3
CO16395	CO16275	7.02	13 1-	4ACSR	0	0	468	142	61	8	6	0.04	5.46	4
CO-310172232	CO16395	7.06	1 1-	2ACSR	0	0	465	142	0	0	0	0.00	5.46	0
CO16303	CO16395	7.13	1 1-	2ACSR	0	0	461	141	1	0	0	0.00	5.46	0
CO16397	CO16395	7.04	11 1-	4ACSR	0	0	466	142	60	8	6	0.01	5.47	0
CO16396	CO16397	7.23	11 1-	4ACSR	0	0	451	140	60	8	6	0.07	5.54	7
CO16398	CO16396	7.29	10 1-	4ACSR	0	0	447	140	57	8	6	0.02	5.56	0
CO16399	CO16398	7.35	9 1-	4ACSR	0	0	442	139	52	7	5	0.02	5.58	0
CO16401	CO16399	7.72	9 1-	4ACSR	0	0	417	137	52	7	5	0.12	5.70	10
CO16400	CO16401	7.76	8 1-	4ACSR	0	0	414	136	47	6	5	0.01	5.71	0
CO16405	CO16400	7.80	5 1-	4ACSR	0	0	412	136	24	3	2	0.01	5.72	0
CO16406	CO16405	7.90	5 1-	4ACSR	0	0	406	135	24	3	2	0.01	5.73	0
CO16408	CO16406	7.94	5 1-	4ACSR	0	0	403	135	24	3	2	0.01	5.74	0
CO16407	CO16408	8.03	4 1-	4ACSR	0	0	398	134	21	3	2	0.01	5.75	0
CO16293	CO16407	8.13	1 1-	4ACSR	0	0	392	134	4	0	0	0.00	5.75	0
CO16409	CO16407	8.08	2 1-	4ACSR	0	0	395	134	10	1	1	0.00	5.75	0
CO16410	CO16409	8.10	0 1-	4ACSR	0	0	394	134	0	0	0	0.00	5.75	0
CO16412	CO16407	8.08	0 1-	4ACSR	0	0	395	134	0	0	0	0.00	5.75	0
CO16411	CO16412	8.10	0 1-	4ACSR	0	0	394	134	0	0	0	0.00	5.75	0
CO16292	CO16400	7.84	1 1-	4ACSR	0	0	409	136	17	2	2	0.00	5.72	0
CO16402	CO16400	7.84	0 1-	4ACSR	0	0	409	136	0	0	0	0.00	5.71	0
CO16403	CO16402	7.99	0 1-	4ACSR	0	0	400	135	0	0	0	0.00	5.71	0
CO16404	CO16403	8.18	0 1-	4ACSR	0	0	389	133	0	0	0	0.00	5.71	0
CO16299	CO16396	7.38	0 1-	4ACSR	0	0	441	139	0	0	0	0.00	5.54	0
CO16393	CO16275	6.95	1 1-	4ACSR	0	0	474	142	10	1	1	0.00	5.42	0
CO16394	CO16393	7.01	1 1-	4ACSR	0	0	469	142	10	1	1	0.00	5.43	0
CO16298	CO16388	6.55	2 1-	4ACSR	0	0	509	146	7	0	1	0.00	5.23	0
CO16310	CO16386	6.33	1 1-	2ACSR	0	0	532	148	1	0	0	0.00	5.10	0
CO16297	CO16467	5.81	1 1-	4ACSR	0	0	588	152	4	0	0	0.00	4.73	0
CO16348	CO16356	5.39	4 1-	4ACSR	0	0	642	156	14	1	1	0.01	4.51	0
CO16349	CO16348	5.43	4 1-	4ACSR	0	0	636	155	14	1	1	0.00	4.52	0
CO16350	CO16349	5.57	4 1-	4ACSR	0	0	618	154	14	1	1	0.01	4.53	0
CO16351	CO16350	5.61	3 1-	4ACSR	0	0	612	154	10	1	1	0.00	4.53	0
CO16352	CO16351	5.67	3 1-	4ACSR	0	0	605	153	10	1	1	0.00	4.53	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16353	CO16352	5.69	3 1-	4ACSR	0	0	603	153	10	1	1	0.00	4.53	0
CO16354	CO16353	5.80	1 1-	4ACSR	0	0	589	152	4	0	0	0.00	4.54	0
CO16468	CO16354	5.85	1 1-	4ACSR	0	0	583	151	4	0	0	0.00	4.54	0
CO16355	CO16468	5.89	1 1-	4ACSR	0	0	578	151	4	0	0	0.00	4.54	0
CO16281	CO16354	5.85	0 1-	4ACSR	0	0	583	151	0	0	0	0.00	4.54	0
CO16360	CO16362	4.88	2 1-	4ACSR	0	0	720	160	15	2	2	0.01	4.08	0
CO16361	CO16360	4.96	1 1-	4ACSR	0	0	707	160	12	1	1	0.00	4.08	0
CO16279	CO16267	4.53	1 1-	4ACSR	0	0	782	164	13	1	1	0.00	3.76	0
CO16367	CO16369	4.29	0 1-	4ACSR	0	0	830	166	0	0	0	0.00	3.46	0
CO16368	CO16367	4.36	0 1-	4ACSR	0	0	814	166	0	0	0	0.00	3.46	0
CO17247+	CO16843	3.14	544 3-	1/0ACSR	1678	1601	1468	324	3101	69	30	0.11	2.26	562
CO17234+	CO17247	3.24	544 3-	1/0ACSR	1656	1580	1445	323	3098	69	30	0.06	2.31	282
CO14719+	CO17234	3.25	544 3-	750 MCM	1655	1579	1444	323	3097	69	6	0.00	2.32	0
OC427+	CO14719	3.25	536 3-	50 H OCR	1655	1579	1444	323	3049	68	138	0.00	2.32	0
CO14650+	OC427	3.32	536 3-	1/0ACSR	1641	1564	1428	322	3049	68	30	0.04	2.35	188
CO14649+	CO14650	3.52	536 3-	1/0ACSR	1599	1523	1382	320	3048	68	30	0.11	2.47	556
CO14567+	CO14649	3.58	3 1-	4ACSR	0	0	1366	319	18	1	1	0.00	2.47	0
CO14716+	CO14567	3.59	0 1-	4ACSR	0	0	1364	319	0	0	0	0.00	2.47	0
CO14715+	CO14567	3.59	0 1-	4ACSR	0	0	1364	319	0	0	0	0.00	2.47	0
CO14685+	CO14567	3.63	3 1-	4ACSR	0	0	1349	318	18	1	1	0.00	2.47	0
CO14687+	CO14685	3.69	0 1-	4ACSR	0	0	1333	317	0	0	0	0.00	2.47	0
CO14686+	CO14687	3.77	0 1-	4ACSR	0	0	1311	315	0	0	0	0.00	2.47	0
CO14684+	CO14685	3.64	2 1-	4ACSR	0	0	1346	318	11	0	1	0.00	2.47	0
CO14682+	CO14684	3.68	1 1-	4ACSR	0	0	1336	317	0	0	0	0.00	2.47	0
CO14683+	CO14682	3.73	1 1-	4ACSR	0	0	1321	316	0	0	0	0.00	2.47	0
CO14648+	CO14649	3.80	533 3-	1/0ACSR	1545	1470	1325	318	3027	68	30	0.15	2.62	741
CO14647+	CO14648	3.81	533 3-	1/0ACSR	1544	1468	1323	317	3024	68	30	0.01	2.63	25
CO14569+	CO14647	3.96	67 1-	2ACSR	0	0	1288	315	325	22	12	0.05	2.68	27
CO14645+	CO14569	4.05	67 1-	4ACSR	0	0	1265	314	325	22	16	0.04	2.72	23
CO14646+	CO14645	4.15	67 1-	4ACSR	0	0	1239	312	325	22	16	0.05	2.77	27
CO14710+	CO14646	4.16	0 1-	4ACSR	0	0	1237	312	0	0	0	0.00	2.77	0
CO14707+	CO14646	4.16	66 1-	4ACSR	0	0	1237	312	324	22	16	0.00	2.78	0
OC424+	CO14707	4.16	66 1-	25 H OCR	0	0	1237	312	324	22	89	0.00	2.78	0
CO14708+	OC424	4.21	66 1-	4ACSR	0	0	1224	311	324	22	16	0.03	2.80	14
CO14629+	CO14708	4.35	65 1-	4ACSR	0	0	1191	308	319	21	16	0.07	2.87	34
CO14633+	CO14629	4.41	63 1-	4ACSR	0	0	1176	307	316	21	15	0.03	2.90	15
CO14631+	CO14633	4.46	62 1-	4ACSR	0	0	1164	306	307	21	15	0.02	2.92	12
CO14630+	CO14631	4.73	60 1-	4ACSR	0	0	1105	301	301	20	15	0.12	3.05	62
CO14632+	CO14630	4.85	60 1-	4ACSR	0	0	1081	299	301	20	15	0.05	3.10	26
CO14583+	CO14632	4.88	1 1-	4ACSR	0	0	1074	299	13	0	1	0.00	3.10	0
CO14582+	CO14632	4.94	1 1-	4ACSR	0	0	1062	298	5	0	0	0.00	3.10	0
CO14635+	CO14632	4.89	58 1-	4ACSR	0	0	1073	299	283	19	14	0.02	3.12	8
CO14634+	CO14635	5.05	57 1-	4ACSR	0	0	1042	296	269	18	13	0.06	3.18	27
CO14636+	CO14634	5.17	56 1-	4ACSR	0	0	1019	294	249	17	12	0.05	3.23	19
CO14640+	CO14636	5.29	34 1-	4ACSR	0	0	998	292	157	10	8	0.03	3.26	7
CO14639+	CO14640	5.43	33 1-	4ACSR	0	0	973	290	154	10	8	0.03	3.29	9
CO14680+	CO14639	5.55	2 1-	4ACSR	0	0	952	288	17	1	1	0.00	3.29	0
CO14679+	CO14680	5.64	1 1-	4ACSR	0	0	939	286	2	0	0	0.00	3.29	0
CO14681+	CO14679	5.66	1 1-	4ACSR	0	0	935	286	2	0	0	0.00	3.29	0
CO14642+	CO14639	5.63	30 1-	4ACSR	0	0	940	287	127	8	6	0.04	3.33	8
CO14644+	CO14642	5.67	29 1-	4ACSR	0	0	933	286	121	8	6	0.01	3.33	0
CO14643+	CO14644	5.85	26 1-	4ACSR	0	0	906	283	109	7	5	0.03	3.36	5

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-365852814+	CO14643	5.94	25 1-	2ACSR	0	0	896	282	97	6	4	0.01	3.37	0
OC-2048884282+	CO-365852814	5.94	25 1-	20 N FUSE	0	0	896	282	97	6	34	0.00	3.37	0
CO-1840611326+	OC-2048884282	5.98	24 1-	2ACSR	0	0	891	282	96	6	4	0.00	3.38	0
CO14566+	CO-1840611326	6.44	2 1-	4ACSR	0	0	829	275	5	0	0	0.00	3.38	0
CO14565+	CO-1840611326	6.16	22 1-	4ACSR	0	0	865	279	91	6	4	0.03	3.40	4
CO14587+	CO14565	6.26	1 1-	4ACSR	0	0	852	278	3	0	0	0.00	3.40	0
CO14696+	CO14565	6.20	21 1-	4ACSR	0	0	860	278	88	6	4	0.00	3.41	0
CO14695+	CO14696	6.33	20 1-	4ACSR	0	0	843	276	86	5	4	0.02	3.42	2
CO14697+	CO14695	6.44	19 1-	4ACSR	0	0	829	275	82	5	4	0.01	3.44	0
CO14555+	CO14697	6.78	17 1-	4ACSR	0	0	787	270	73	5	4	0.04	3.48	5
CO14557+	CO14555	6.90	9 1-	4ACSR	0	0	774	268	52	3	3	0.01	3.48	0
CO14558+	CO14557	7.11	7 1-	4ACSR	0	0	751	265	37	2	2	0.01	3.50	0
CO14610+	CO14558	7.24	7 1-	4ACSR	0	0	738	264	37	2	2	0.01	3.50	0
CO14607+	CO14610	7.32	6 1-	4ACSR	0	0	729	263	33	2	2	0.00	3.51	0
CO14609+	CO14607	7.39	6 1-	4ACSR	0	0	723	262	33	2	2	0.00	3.51	0
CO14608+	CO14609	7.44	6 1-	4ACSR	0	0	717	261	33	2	2	0.00	3.51	0
CO14670+	CO14608	7.58	2 1-	4ACSR	0	0	705	259	16	1	1	0.00	3.52	0
CO14672+	CO14670	7.66	2 1-	4ACSR	0	0	697	258	16	1	1	0.00	3.52	0
CO14671+	CO14672	7.76	1 1-	4ACSR	0	0	688	257	9	0	0	0.00	3.52	0
CO14669+	CO14608	7.56	4 1-	4ACSR	0	0	706	259	17	1	1	0.00	3.52	0
CO14666+	CO14669	7.61	3 1-	4ACSR	0	0	701	259	9	0	0	0.00	3.52	0
CO14668+	CO14666	7.70	2 1-	4ACSR	0	0	694	258	9	0	0	0.00	3.52	0
CO14667+	CO14668	7.80	2 1-	4ACSR	0	0	684	256	9	0	0	0.00	3.52	0
CO14691+	CO14667	7.89	1 1-	2ACSR	0	0	678	256	8	0	0	0.00	3.52	0
CO14690+	CO14691	7.97	1 1-	2ACSR	0	0	673	255	8	0	0	0.00	3.52	0
CO14573+	CO14558	7.17	0 1-	4ACSR	0	0	744	265	0	0	0	0.00	3.50	0
CO14574+	CO14557	7.01	1 1-	4ACSR	0	0	761	267	3	0	0	0.00	3.48	0
CO14599+	CO14555	6.88	8 1-	4ACSR	0	0	776	269	21	1	1	0.00	3.48	0
CO-316220308+	CO14599	6.93	7 1-	2ACSR	0	0	771	268	15	1	1	0.00	3.48	0
CO202441670+	CO-316220308	7.09	1 1-	2ACSR	0	0	758	267	5	0	0	0.00	3.48	0
CO1076478717+	CO-316220308	7.09	6 1-	2ACSR	0	0	758	267	10	0	0	0.00	3.48	0
CO14598+	CO1076478717	7.25	6 1-	4ACSR	0	0	741	264	10	0	0	0.00	3.48	0
CO14597+	CO14598	7.49	6 1-	4ACSR	0	0	718	261	10	0	0	0.00	3.49	0
CO14570+	CO14597	7.60	0 1-	4ACSR	0	0	707	260	0	0	0	0.00	3.49	0
CO14556+	CO14597	7.61	6 1-	4ACSR	0	0	706	260	10	0	0	0.00	3.49	0
CO14600+	CO14556	7.69	4 1-	4ACSR	0	0	698	258	8	0	0	0.00	3.49	0
CO14606+	CO14600	7.79	2 1-	4ACSR	0	0	689	257	1	0	0	0.00	3.49	0
CO14601+	CO14606	7.94	1 1-	4ACSR	0	0	676	255	0	0	0	0.00	3.49	0
CO14605+	CO14601	8.13	1 1-	4ACSR	0	0	660	253	0	0	0	0.00	3.49	0
CO14604+	CO14605	8.19	1 1-	4ACSR	0	0	655	252	0	0	0	0.00	3.49	0
CO14602+	CO14604	8.38	1 1-	4ACSR	0	0	640	250	0	0	0	0.00	3.49	0
CO14603+	CO14602	8.43	1 1-	4ACSR	0	0	636	249	0	0	0	0.00	3.49	0
CO14594+	CO14605	8.21	0 1-	2ACSR	0	0	655	252	0	0	0	0.00	3.49	0
CO14554+	CO14556	7.87	2 1-	4ACSR	0	0	682	256	2	0	0	0.00	3.49	0
CO14572+	CO14554	8.05	1 1-	4ACSR	0	0	667	254	0	0	0	0.00	3.49	0
CO14571+	CO14554	7.92	1 1-	4ACSR	0	0	678	256	2	0	0	0.00	3.49	0
CO14698+	CO14697	6.57	2 1-	4ACSR	0	0	812	273	10	0	0	0.00	3.44	0
CO14699+	CO14698	6.65	2 1-	4ACSR	0	0	803	272	10	0	0	0.00	3.44	0
CO14552+	CO14699	6.72	2 1-	4ACSR	0	0	794	271	10	0	0	0.00	3.44	0
CO14553+	CO14552	6.78	1 1-	4ACSR	0	0	788	270	1	0	0	0.00	3.44	0
CO14551+	CO14553	6.83	1 1-	4ACSR	0	0	781	269	1	0	0	0.00	3.44	0
CO-1149404041+	OC-2048884282	6.00	1 1-	2ACSR	0	0	888	281	2	0	0	0.00	3.37	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-718144731+	CO14644	5.71	1 1-	2ACSR	0	0	928	285	10	0	0	0.00	3.33	0
CO14588+	CO14639	5.61	1 1-	4ACSR	0	0	944	287	11	0	1	0.00	3.29	0
CO14638+	CO14636	5.37	12 1-	4ACSR	0	0	984	291	28	1	1	0.01	3.23	0
CO14637+	CO14638	5.47	11 1-	4ACSR	0	0	966	289	25	1	1	0.00	3.24	0
CO17236+	CO14637	5.55	10 1-	4ACSR	0	0	952	288	19	1	1	0.00	3.24	0
CO14729+	CO17236	5.67	8 1-	4ACSR	0	0	934	286	14	0	1	0.00	3.24	0
CO14730+	CO14729	5.77	2 1-	4ACSR	0	0	918	284	4	0	0	0.00	3.24	0
CO14743+	CO14730	5.85	0 1-	4ACSR	0	0	906	283	0	0	0	0.00	3.24	0
CO14753+	CO14730	5.90	2 1-	4ACSR	0	0	899	282	4	0	0	0.00	3.25	0
CO14787+	CO14753	6.08	1 1-	4ACSR	0	0	872	280	2	0	0	0.00	3.25	0
CO14751+	CO14729	5.97	4 1-	4ACSR	0	0	889	281	4	0	0	0.00	3.25	0
CO14752+	CO14751	6.00	4 1-	4ACSR	0	0	885	281	4	0	0	0.00	3.25	0
CO14786+	CO14752	6.39	4 1-	4ACSR	0	0	831	275	4	0	0	0.00	3.25	0
CO14731+	CO14786	6.47	1 1-	4ACSR	0	0	822	274	2	0	0	0.00	3.25	0
CO14773+	CO14786	6.50	2 1-	4ACSR	0	0	817	273	1	0	0	0.00	3.25	0
CO14774+	CO14773	6.67	2 1-	4ACSR	0	0	798	271	1	0	0	0.00	3.25	0
CO14749+	CO14774	6.84	2 1-	4ACSR	0	0	778	269	1	0	0	0.00	3.25	0
CO1098895381+	CO14749	6.95	1 1-	2ACSR	0	0	768	268	0	0	0	0.00	3.25	0
CO14750+	CO14749	6.96	1 1-	4ACSR	0	0	764	267	1	0	0	0.00	3.25	0
CO14732+	CO14774	6.78	0 1-	4ACSR	0	0	784	269	0	0	0	0.00	3.25	0
CO14744+	CO14729	5.82	2 1-	4ACSR	0	0	911	284	6	0	0	0.00	3.24	0
CO14742+	CO17236	5.76	2 1-	4ACSR	0	0	919	284	4	0	0	0.00	3.24	0
CO14586+	CO14637	5.51	1 1-	4ACSR	0	0	959	288	7	0	0	0.00	3.24	0
CO14590+	CO14638	5.41	1 1-	2ACSR	0	0	978	290	3	0	0	0.00	3.24	0
CO14563+	CO14636	5.32	10 1-	4ACSR	0	0	992	292	64	4	3	0.01	3.24	0
CO14564+	CO14563	5.42	8 1-	4ACSR	0	0	974	290	54	3	3	0.01	3.25	0
CO17235+	CO14564	5.67	3 1-	4ACSR	0	0	934	286	11	0	1	0.00	3.25	0
CO14741+	CO17235	5.82	1 1-	4ACSR	0	0	911	284	1	0	0	0.00	3.25	0
CO14728+	CO17235	5.80	2 1-	4ACSR	0	0	914	284	9	0	0	0.00	3.26	0
CO14757+	CO14728	5.94	0 1-	4ACSR	0	0	893	282	0	0	0	0.00	3.26	0
CO14758+	CO14757	6.23	0 1-	4ACSR	0	0	853	277	0	0	0	0.00	3.26	0
CO14755+	CO14728	5.94	2 1-	4ACSR	0	0	893	282	9	0	0	0.00	3.26	0
CO14756+	CO14755	6.13	1 1-	4ACSR	0	0	866	279	6	0	0	0.00	3.26	0
CO14754+	CO14756	6.28	0 1-	4ACSR	0	0	845	277	0	0	0	0.00	3.26	0
CO14740+	CO14728	6.11	0 1-	4ACSR	0	0	868	279	0	0	0	0.00	3.26	0
CO14678+	CO14564	5.47	2 1-	4ACSR	0	0	966	289	16	1	1	0.00	3.25	0
CO17237+	CO14678	5.52	1 1-	4ACSR	0	0	958	288	8	0	0	0.00	3.25	0
CO14591+	CO14678	5.50	1 1-	2ACSR	0	0	962	289	9	0	0	0.00	3.25	0
CO14580+	CO14564	5.48	2 1-	4ACSR	0	0	964	289	20	1	1	0.00	3.25	0
CO14581+	CO14563	5.41	1 1-	4ACSR	0	0	976	290	7	0	0	0.00	3.24	0
CO14593+	CO14629	4.40	1 1-	2ACSR	0	0	1181	308	0	0	0	0.00	2.87	0
CO14592+	CO14629	4.53	1 1-	4ACSR	0	0	1150	305	3	0	0	0.00	2.87	0
CO14713+	CO14569	3.97	0 1-	4ACSR	0	0	1286	315	0	0	0	0.00	2.68	0
CO14656+	CO14647	3.87	464 3-	1/0ACSR	1531	1456	1310	317	2687	60	26	0.03	2.66	141
CO14662+	CO14656	3.97	464 3-	1/0ACSR	1514	1439	1292	316	2686	60	26	0.05	2.71	203
CO14595+	CO14662	4.02	1 1-	2ACSR	0	0	1280	315	8	0	0	0.00	2.71	0
CO14661+	CO14662	4.03	463 3-	1/0ACSR	1504	1429	1281	315	2677	60	26	0.03	2.73	118
CO14657+	CO14661	4.20	463 3-	1/0ACSR	1474	1400	1250	314	2676	60	26	0.08	2.82	359
CO14660+	CO14657	4.27	463 3-	1/0ACSR	1461	1387	1237	313	2675	60	26	0.04	2.85	160
CO14658+	CO14660	4.33	463 3-	1/0ACSR	1451	1378	1227	313	2674	60	26	0.03	2.88	120
CO14659+	CO14658	4.52	463 3-	1/0ACSR	1419	1347	1195	311	2673	60	26	0.10	2.98	411
CO14561+	CO14659	4.59	460 3-	1/0ACSR	1408	1336	1183	310	2654	60	26	0.03	3.01	145

Substation Power Factor: 0.99
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14560+	CO14561	4.67	459 3-	1/0ACSR	1396	1325	1171	309	2650	60	26	0.04	3.05	157
CO14618+	CO14560	4.82	459 3-	1/0ACSR	1373	1302	1148	308	2650	60	26	0.07	3.12	315
CO14616+	CO14618	4.86	459 3-	1/0ACSR	1367	1296	1142	308	2648	60	26	0.02	3.14	82
CO14615+	CO14616	4.90	459 3-	1/0ACSR	1362	1291	1137	307	2648	60	26	0.02	3.16	75
CO14689+	CO14615	4.94	2 1-	4ACSR	0	0	1128	307	2	0	0	0.00	3.16	0
CO14688+	CO14689	4.97	2 1-	4ACSR	0	0	1121	306	2	0	0	0.00	3.16	0
CO14617+	CO14615	4.93	456 3-	1/0ACSR	1357	1287	1133	307	2639	59	26	0.01	3.17	59
CO-1746915126+	CO14617	5.04	456 3-	2ACSR	1336	1267	1112	306	2639	59	33	0.09	3.26	389
CO14576+	CO-1746915126	5.14	0 1-	4ACSR	0	0	1092	304	0	0	0	0.00	3.26	0
CO-147184923+	CO-1746915126	5.06	456 3-	2ACSR	1334	1265	1110	306	2637	59	33	0.01	3.27	44
CO-1750435815+	CO-147184923	5.07	456 3-	2ACSR	1332	1263	1108	305	2637	59	33	0.01	3.28	42
CO14703+	CO-1750435815	5.09	2 1-	4ACSR	0	0	1103	305	8	0	0	0.00	3.28	0
OC422+	CO14703	5.09	2 1-	10 N FUSE	0	0	1103	305	8	0	5	0.00	3.28	0
CO14704+	OC422	5.25	2 1-	4ACSR	0	0	1072	302	8	0	0	0.00	3.28	0
CO14577+	CO14704	5.33	1 1-	4ACSR	0	0	1057	301	8	0	0	0.00	3.28	0
CO14614+	CO14704	5.30	1 1-	4ACSR	0	0	1063	301	0	0	0	0.00	3.28	0
CO14613+	CO14614	5.47	0 1-	4ACSR	0	0	1031	298	0	0	0	0.00	3.28	0
CO14611+	CO14613	5.53	0 1-	4ACSR	0	0	1021	297	0	0	0	0.00	3.28	0
CO14612+	CO14611	5.79	0 1-	4ACSR	0	0	975	293	0	0	0	0.00	3.28	0
CO947612086+	CO-1750435815	5.21	454 3-	2ACSR	1308	1241	1085	304	2629	59	33	0.10	3.38	451
CO14579+	CO947612086	5.28	1 1-	4ACSR	0	0	1072	302	10	0	0	0.00	3.38	0
CO14619+	CO947612086	5.32	453 3-	1/0ACSR	1293	1227	1070	303	2617	59	26	0.05	3.43	221
CO14623+	CO14619	5.34	453 3-	1/0ACSR	1290	1224	1067	302	2616	59	26	0.01	3.44	50
CO14622+	CO14623	5.38	450 3-	1/0ACSR	1285	1219	1063	302	2592	59	26	0.02	3.46	70
CO14620+	CO14622	5.40	450 3-	1/0ACSR	1283	1217	1060	302	2592	59	26	0.01	3.47	38
CO14621+	CO14620	5.45	450 3-	1/0ACSR	1275	1209	1053	301	2591	59	26	0.03	3.50	114
CO14655+	CO14621	5.53	444 3-	1/0ACSR	1265	1200	1043	301	2571	58	25	0.04	3.53	148
CO14653+	CO14655	5.61	444 3-	1/0ACSR	1254	1190	1033	300	2570	58	25	0.04	3.57	163
CO14652+	CO14653	5.66	443 3-	1/0ACSR	1248	1184	1027	300	2561	58	25	0.02	3.59	96
CO14654+	CO14652	5.69	443 3-	1/0ACSR	1245	1181	1024	299	2561	58	25	0.01	3.61	50
CO-858274194+	CO14654	5.77	1 1-	2ACSR	0	0	1012	298	10	0	0	0.00	3.61	0
CO-540270456+	CO-858274194	5.79	0 1-	2ACSR	0	0	1009	298	0	0	0	0.00	3.61	0
CO-1534701860+	CO-858274194	5.88	1 1-	2ACSR	0	0	996	297	10	0	0	0.00	3.61	0
CO14624+	CO14654	5.75	442 3-	1/0ACSR	1237	1173	1016	299	2551	58	25	0.03	3.64	126
CO14627+	CO14624	5.88	440 3-	1/0ACSR	1221	1158	1001	298	2536	57	25	0.06	3.69	239
CO14625+	CO14627	5.89	439 3-	1/0ACSR	1219	1156	999	298	2535	57	25	0.01	3.70	32
CO14626+	CO14625	5.92	438 3-	1/0ACSR	1216	1153	996	297	2526	57	25	0.01	3.72	57
CO14700+	CO14626	5.94	438 3-	1/0ACSR	1214	1151	994	297	2526	57	25	0.01	3.72	32
CO11702+	CO14700	6.01	436 3-	1/0ACSR	1206	1143	987	297	2513	57	25	0.03	3.75	123
CO17214+	CO11702	6.10	1 1-	4ACSR	0	0	971	295	9	0	0	0.00	3.76	0
CO14677+	CO17214	6.18	1 1-	4ACSR	0	0	959	294	9	0	0	0.00	3.76	0
CO11755+	CO11702	6.01	409 3-	1/0ACSR	1205	1143	986	297	2356	53	23	0.00	3.76	13
CO302038809+	CO11755	6.10	409 3-	1/0ACSR	1195	1133	976	296	2356	53	23	0.04	3.79	144
CO11754+	CO302038809	6.21	409 3-	1/0ACSR	1182	1120	963	295	2355	53	23	0.05	3.84	188
CO11727+	CO11754	6.39	1 1-	4ACSR	0	0	936	292	1	0	0	0.00	3.84	0
CO11757+	CO11754	6.43	408 3-	1/0ACSR	1157	1096	939	293	2353	53	23	0.09	3.94	362
CO11756+	CO11757	6.50	408 3-	1/0ACSR	1150	1090	932	292	2351	53	23	0.03	3.96	108
CO11726+	CO11756	6.65	1 1-	4ACSR	0	0	910	290	1	0	0	0.00	3.96	0
CO11758+	CO11756	6.53	407 3-	1/0ACSR	1146	1086	928	292	2349	53	23	0.02	3.98	59
CO11760+	CO11758	6.61	406 3-	1/0ACSR	1138	1078	920	291	2348	53	23	0.03	4.01	131
CO11759+	CO11760	6.70	405 3-	1/0ACSR	1129	1069	911	291	2345	53	23	0.04	4.05	138
CO-1639590114+	CO11759	6.79	0 1-	2ACSR	0	0	901	290	0	0	0	0.00	4.05	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL11725+	COL11759	6.73	1 1-	4ACSR	0	0	907	290	4	0	0	0.00	4.05	0
COL11762+	COL11759	6.71	404 3-	1/0ACSR	1127	1068	910	291	2340	53	23	0.01	4.06	26
COL11761+	COL11762	6.79	403 3-	1/0ACSR	1119	1060	902	290	2329	53	23	0.03	4.09	128
COL11739+	COL11761	7.02	2 1-	4ACSR	0	0	871	286	9	0	0	0.00	4.09	0
COL11740+	COL11739	7.09	1 1-	4ACSR	0	0	861	285	0	0	0	0.00	4.09	0
COL11733+	COL11739	7.07	1 1-	2ACSR	0	0	866	286	9	0	0	0.00	4.09	0
COL11764+	COL11761	7.03	401 3-	1/0ACSR	1095	1037	879	288	2320	53	23	0.10	4.19	382
COL11763+	COL11764	7.22	368 3-	1/0ACSR	1077	1019	862	286	2188	50	22	0.07	4.26	272
COL11804+	COL11763	7.22	0 1-	4ACSR	0	0	861	286	0	0	0	0.00	4.26	0
COL11765+	COL11763	7.27	368 3-	1/0ACSR	1071	1014	857	286	2187	50	22	0.02	4.29	82
COL11767+	COL11765	7.32	368 3-	1/0ACSR	1067	1010	852	285	2186	50	22	0.02	4.31	69
COL11766+	COL11767	7.44	366 3-	1/0ACSR	1056	999	842	284	2166	49	22	0.05	4.35	168
COL11724+	COL11766	7.54	1 1-	4ACSR	0	0	831	283	6	0	0	0.00	4.35	0
COL11737+	COL11766	7.50	365 3-	1/0ACSR	1050	994	837	284	2160	49	21	0.02	4.38	86
COL11738+	COL11737	7.78	364 3-	1/0ACSR	1025	970	814	282	2154	49	21	0.11	4.49	390
COL11806+	COL11738	7.79	363 3-	1/0ACSR	1025	970	813	282	2152	49	21	0.00	4.49	9
OC328+	COL11806	7.79	363 3-	25 H OCR	1025	970	813	282	2152	49	197	0.00	4.49	0
COL11807+	OC328	7.85	363 3-	1/0ACSR	1020	965	808	281	2152	49	21	0.02	4.51	79
COL11768+	COL11807	7.99	362 3-	1/0ACSR	1008	953	797	280	2149	49	21	0.06	4.57	202
COL11769+	COL11768	8.07	362 3-	1/0ACSR	1001	947	791	279	2149	49	21	0.03	4.60	106
COL11708+	COL11769	8.28	361 3-	1/0ACSR	984	931	776	278	2147	49	21	0.08	4.68	292
COL11771+	COL11708	8.41	6 1-	4ACSR	0	0	762	276	29	2	1	0.01	4.68	0
COL11770+	COL11771	8.46	6 1-	4ACSR	0	0	757	275	29	2	1	0.00	4.68	0
COL11772+	COL11770	8.74	2 1-	4ACSR	0	0	730	271	14	0	1	0.01	4.69	0
COL11774+	COL11772	8.79	2 1-	4ACSR	0	0	725	270	14	0	1	0.00	4.69	0
COL11773+	COL11774	8.89	1 1-	4ACSR	0	0	716	269	12	0	1	0.00	4.69	0
COL11721+	COL11770	8.55	2 1-	4ACSR	0	0	748	274	5	0	0	0.00	4.68	0
COL11709+	COL11708	8.50	355 3-	1/0ACSR	967	915	760	276	2117	48	21	0.08	4.76	295
COL11710+	COL11709	8.65	353 3-	1/0ACSR	955	904	750	275	2115	48	21	0.06	4.82	205
COL17298+	COL11710	8.70	1 1-	4ACSR	0	0	745	274	6	0	0	0.00	4.82	0
COL17212+	COL11710	8.80	352 3-	1/0ACSR	944	893	739	274	2108	48	21	0.06	4.88	208
COL11695+	COL17212	8.85	351 3-	1/0ACSR	940	889	736	273	2100	48	21	0.02	4.89	62
SW324-A+	COL11695	8.85	0 1-	Open	0	0	736	273	0	0	0	0.00	4.89	0
COL11696+	COL11695	8.86	351 3-	1/0ACSR	940	889	735	273	2100	48	21	0.00	4.90	9
COL11558+	COL11696	8.94	348 3-	1/0ACSR	934	883	730	273	2083	47	21	0.03	4.93	112
COL11689+	COL11558	8.95	22 1-	4ACSR	0	0	730	272	150	10	8	0.00	4.93	0
OC321+	COL11689	8.95	22 1-	10 N FUSE	0	0	730	272	150	10	105	0.00	4.93	0
COL11690+	OC321	9.12	22 1-	4ACSR	0	0	714	270	150	10	8	0.04	4.97	10
COL11564+	COL11690	9.27	2 1-	4ACSR	0	0	700	268	16	1	1	0.00	4.97	0
COL11593+	COL11690	9.25	20 1-	4ACSR	0	0	702	268	134	9	7	0.03	5.00	6
COL11594+	COL11593	9.30	20 1-	4ACSR	0	0	698	267	134	9	7	0.01	5.01	2
COL11674+	COL11594	9.39	7 1-	4ACSR	0	0	690	266	35	2	2	0.00	5.01	0
COL11630+	COL11674	9.47	5 1-	4ACSR	0	0	684	265	14	0	1	0.00	5.02	0
COL11631+	COL11630	9.50	3 1-	4ACSR	0	0	681	265	14	0	1	0.00	5.02	0
COL11632+	COL11631	9.55	3 1-	4ACSR	0	0	677	264	14	0	1	0.00	5.02	0
COL11675+	COL11674	9.43	1 1-	4ACSR	0	0	687	266	7	0	0	0.00	5.01	0
COL11559+	COL11594	9.60	12 1-	4ACSR	0	0	673	263	99	6	5	0.05	5.06	8
COL11649+	COL11559	9.73	12 1-	4ACSR	0	0	663	262	99	6	5	0.02	5.08	3
COL11566+	COL11649	9.82	1 1-	4ACSR	0	0	656	260	6	0	0	0.00	5.08	0
COL11633+	COL11649	9.81	10 1-	4ACSR	0	0	657	260	79	5	4	0.01	5.09	0
COL11676+	COL11633	9.84	10 1-	4ACSR	0	0	654	260	79	5	4	0.00	5.09	0
COL11634+	COL11676	9.89	8 1-	4ACSR	0	0	650	259	63	4	3	0.00	5.10	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11650+	CO11634	9.91	8 1-	4ACSR	0	0	648	259	63	4	3	0.00	5.10	0
CO11687+	CO11650	9.98	5 1-	4ACSR	0	0	643	258	31	2	2	0.00	5.10	0
CO11590+	CO11687	10.04	1 1-	2ACSR	0	0	640	258	3	0	0	0.00	5.10	0
CO11688+	CO11687	10.00	4 1-	4ACSR	0	0	642	258	28	1	1	0.00	5.10	0
CO11635+	CO11688	10.02	3 1-	4ACSR	0	0	640	258	17	1	1	0.00	5.10	0
CO11677+	CO11676	9.88	1 1-	4ACSR	0	0	651	259	11	0	1	0.00	5.09	0
CO11697+	CO11559	9.63	0 1-	4ACSR	0	0	670	263	0	0	0	0.00	5.06	0
SW325-B+	CO11697	9.63	0 1-	Open	0	0	670	263	0	0	0	0.00	5.06	0
CO11592+	CO11558	9.33	326 3-	1/0ACSR	906	857	707	270	1933	44	19	0.13	5.06	438
CO11591+	CO11592	9.37	326 3-	1/0ACSR	904	855	705	269	1931	44	19	0.01	5.08	43
CO17264+	CO11591	9.49	31 1-	4ACSR	0	0	694	268	155	10	8	0.03	5.11	8
OC403+	CO17264	9.49	31 1-	50 E OCR	0	0	694	268	155	10	22	0.00	5.11	0
CO17265+	OC403	9.66	31 1-	4ACSR	0	0	679	265	155	10	8	0.04	5.15	11
CO13990+	CO17265	9.97	30 1-	2ACSR	0	0	660	262	146	10	6	0.05	5.20	11
CO-1879080943+	CO13990	9.99	1 1-	2ACSR	0	0	659	262	0	0	0	0.00	5.20	0
CO1491683279+	CO13990	10.08	29 1-	2ACSR	0	0	653	261	145	10	6	0.02	5.22	4
CO13930+	CO1491683279	10.13	1 1-	4ACSR	0	0	649	260	9	0	0	0.00	5.22	0
CO13897+	CO1491683279	10.26	0 1-	4ACSR	0	0	640	259	0	0	0	0.00	5.22	0
CO13932+	CO13897	10.41	0 1-	4ACSR	0	0	629	257	0	0	0	0.00	5.22	0
CO13931+	CO13897	10.35	0 1-	4ACSR	0	0	633	258	0	0	0	0.00	5.22	0
XFMR39	CO1491683279	10.08	28 1-	333 KVA 1PH AUT	0	0	705	163	137	9	42	0.34	5.55	0
CO17161	XFMR39	10.23	28 1-	4ACSR	0	0	683	162	137	19	14	0.13	5.68	30
CO14325	CO17161	10.38	24 1-	4ACSR	0	0	662	160	118	16	12	0.11	5.80	22
CO14324	CO14325	10.53	22 1-	4ACSR	0	0	642	159	112	15	11	0.11	5.90	20
CO14469	CO14324	10.61	21 1-	4ACSR	0	0	631	158	110	15	11	0.06	5.96	11
CO14470	CO14469	10.70	20 1-	4ACSR	0	0	621	157	107	15	11	0.06	6.02	11
SW420-B	CO14470	10.70	0 1-	Open	0	0	621	157	0	0	0	0.00	6.02	0
SW420-A	CO14470	10.70	0 1-	Open	0	0	621	157	0	0	0	0.00	6.02	0
CO14542	CO14470	10.71	6 1-	6ACWC	0	0	620	157	45	6	5	0.00	6.02	0
CO14543	CO14542	10.93	6 1-	6ACWC	0	0	594	155	45	6	5	0.06	6.09	5
CO14460	CO14543	11.13	4 1-	6ACWC	0	0	571	153	29	4	3	0.04	6.12	0
CO14461	CO14460	11.32	3 1-	6ACWC	0	0	552	152	29	4	3	0.03	6.16	0
CO14455	CO14461	11.38	0 1-	6ACWC	0	0	545	151	0	0	0	0.00	6.16	0
CO14456	CO14455	11.48	0 1-	6ACWC	0	0	536	150	0	0	0	0.00	6.16	0
CO14454	CO14456	11.65	0 1-	6ACWC	0	0	519	149	0	0	0	0.00	6.16	0
CO14453	CO14454	11.89	0 1-	6ACWC	0	0	498	147	0	0	0	0.00	6.16	0
CO14452	CO14453	11.95	0 1-	6ACWC	0	0	493	146	0	0	0	0.00	6.16	0
CO14451	CO14452	12.00	0 1-	6ACWC	0	0	488	146	0	0	0	0.00	6.16	0
CO14528	CO14451	12.05	0 1-	6ACWC	0	0	485	146	0	0	0	0.00	6.16	0
CO14458	CO14461	11.39	3 1-	6ACWC	0	0	544	151	29	4	3	0.01	6.17	0
CO14459	CO14458	11.44	2 1-	6ACWC	0	0	540	151	17	2	2	0.00	6.17	0
CO-210914710	CO14459	11.51	1 1-	2ACSR	0	0	534	150	5	0	0	0.00	6.18	0
CO367230309	CO-210914710	11.56	1 1-	2ACSR	0	0	530	150	5	0	0	0.00	6.18	0
CO14457	CO14459	11.48	1 1-	6ACWC	0	0	536	150	12	1	1	0.00	6.18	0
CO14462	CO14543	11.02	2 1-	6ACWC	0	0	583	154	16	2	2	0.01	6.10	0
CO14463	CO14462	11.12	1 1-	6ACWC	0	0	573	153	12	1	1	0.00	6.10	0
CO14349	CO14470	10.76	1 1-	4ACSR	0	0	614	157	6	0	1	0.00	6.02	0
CO14468	CO14470	10.81	13 1-	4ACSR	0	0	608	156	55	7	6	0.04	6.06	3
CO14523	CO14468	10.87	13 1-	4ACSR	0	0	600	156	55	7	6	0.02	6.08	2
CO14524	CO14523	10.95	2 1-	4ACSR	0	0	591	155	7	0	1	0.00	6.08	0
CO14466	CO14523	10.95	11 1-	2ACSR	0	0	593	155	48	6	4	0.02	6.10	0
CO14467	CO14466	10.99	11 1-	2ACSR	0	0	589	155	48	6	4	0.01	6.11	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14465	CO14467	11.07	11 1-	2ACSR	0	0	582	154	48	6	4	0.02	6.12	0
CO-1564012935	CO14465	11.34	10 1-	2ACSR	0	0	557	153	48	6	4	0.06	6.18	5
CO11781	CO-1564012935	11.36	9 1-	4ACSR	0	0	555	152	45	6	5	0.01	6.19	0
CO11779	CO11781	11.44	8 1-	4ACSR	0	0	548	152	29	4	3	0.01	6.20	0
CO11711	CO11779	11.52	0 1-	4ACSR	0	0	540	151	0	0	0	0.00	6.20	0
CO11743	CO11779	11.61	8 1-	6ACWC	0	0	531	150	29	4	3	0.03	6.23	0
CO11744	CO11743	11.65	7 1-	6ACWC	0	0	527	150	29	4	3	0.01	6.24	0
CO11742	CO11744	11.84	7 1-	6ACWC	0	0	510	148	29	4	3	0.03	6.28	0
CO11701	CO11742	11.98	4 1-	6ACWC	0	0	498	147	6	0	1	0.01	6.28	0
CO11741	CO11701	12.08	2 1-	6ACWC	0	0	489	146	6	0	1	0.00	6.28	0
CO11802	CO11741	12.11	1 1-	6ACWC	0	0	487	146	1	0	0	0.00	6.28	0
CO11801	CO11802	12.11	0 1-	6ACWC	0	0	487	146	0	0	0	0.00	6.28	0
CO-1666065060	CO11801	12.16	0 1-	2ACSR	0	0	483	146	0	0	0	0.00	6.28	0
CO11799	CO11801	12.12	0 1-	6ACWC	0	0	486	146	0	0	0	0.00	6.28	0
CO11714	CO11701	12.05	1 1-	4ACSR	0	0	492	147	0	0	0	0.00	6.28	0
CO11713	CO11701	12.12	1 1-	4ACSR	0	0	486	146	0	0	0	0.00	6.28	0
CO11783	CO11742	11.95	3 1-	4ACSR	0	0	500	147	22	3	2	0.01	6.29	0
CO11712	CO11783	12.07	2 1-	4ACSR	0	0	490	146	15	2	2	0.01	6.30	0
CO11782	CO11783	12.03	0 1-	4ACSR	0	0	494	147	0	0	0	0.00	6.29	0
CO11778	CO11781	11.45	1 1-	4ACSR	0	0	547	152	16	2	2	0.00	6.19	0
CO11780	CO-1564012935	11.48	1 1-	4ACSR	0	0	544	151	3	0	0	0.00	6.18	0
CO14464	CO14465	11.14	1 1-	2ACSR	0	0	576	154	1	0	0	0.00	6.13	0
CO14348	CO14324	10.62	1 1-	4ACSR	0	0	631	158	2	0	0	0.00	5.91	0
CO14347	CO14325	10.68	1 1-	4ACSR	0	0	623	157	0	0	0	0.00	5.80	0
CO14471	CO17161	10.29	4 1-	4ACSR	0	0	674	161	18	2	2	0.01	5.69	0
CO14472	CO14471	10.35	2 1-	4ACSR	0	0	666	161	10	1	1	0.00	5.69	0
CO11560+	CO11591	9.65	80 3-	1/0ACSR	885	837	689	267	493	11	5	0.03	5.10	22
CO11595+	CO11560	9.80	79 3-	1/0ACSR	875	828	680	266	486	11	5	0.02	5.12	11
CO11596+	CO11595	9.90	79 3-	1/0ACSR	868	822	675	266	486	11	5	0.01	5.13	8
CO11636+	CO11596	9.96	1 1-	4ACSR	0	0	670	265	0	0	0	0.00	5.13	0
CO11647+	CO11636	10.04	1 1-	4ACSR	0	0	664	264	0	0	0	0.00	5.13	0
CO11648+	CO11647	10.05	0 1-	4ACSR	0	0	663	264	0	0	0	0.00	5.13	0
CO11597+	CO11596	10.03	78 3-	1/0ACSR	861	815	668	265	486	11	5	0.01	5.14	9
CO11598+	CO11597	10.06	78 3-	1/0ACSR	859	813	667	264	486	11	5	0.00	5.14	0
CO11599+	CO11598	10.17	78 3-	1/0ACSR	852	806	661	264	486	11	5	0.01	5.16	9
CO11698+	CO11599	10.18	0 1-	4ACSR	0	0	660	264	0	0	0	0.00	5.16	0
SW325-A+	CO11698	10.18	0 1-	Open	0	0	660	264	0	0	0	0.00	5.16	0
CO11600+	CO11599	10.29	78 3-	1/0ACSR	845	800	655	263	486	11	5	0.01	5.17	9
CO11667+	CO11600	10.33	78 3-	1/0ACSR	842	797	653	262	485	11	5	0.00	5.17	3
CO11668+	CO11667	10.35	77 3-	1/0ACSR	841	796	652	262	481	11	5	0.00	5.17	0
CO11604+	CO11668	10.47	69 3-	1/0ACSR	834	790	646	262	451	10	5	0.01	5.19	8
CO11605+	CO11604	10.51	67 3-	1/0ACSR	832	788	644	261	450	10	5	0.00	5.19	2
CO11664+	CO11605	10.61	67 3-	1/0ACSR	826	782	639	261	450	10	5	0.01	5.20	6
CO11665+	CO11664	10.63	66 3-	1/0ACSR	825	781	638	260	450	10	5	0.00	5.20	0
CO11669+	CO11665	10.71	66 3-	1/0ACSR	821	777	635	260	450	10	5	0.01	5.21	5
CO11670+	CO11669	10.72	66 3-	1/0ACSR	820	776	634	260	450	10	5	0.00	5.21	0
CO11606+	CO11670	10.78	66 3-	1/0ACSR	816	773	631	259	450	10	5	0.01	5.21	4
CO11573+	CO11606	10.84	1 1-	4ACSR	0	0	627	259	1	0	0	0.00	5.21	0
CO11607+	CO11606	10.82	62 3-	1/0ACSR	814	771	629	259	423	9	4	0.00	5.22	2
CO11608+	CO11607	10.90	62 3-	1/0ACSR	810	767	626	259	423	9	4	0.01	5.22	4
CO11662+	CO11608	11.00	58 3-	1/0ACSR	805	762	621	258	394	9	4	0.01	5.23	5
CO11663+	CO11662	11.03	57 3-	1/0ACSR	803	760	620	258	376	8	4	0.00	5.23	0

Substation Power Factor: 0.99
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL11577+	COL11663	11.13	2 1-	4ACSR	0	0	613	256	10	0	0	0.00	5.24	0
COL11609+	COL11663	11.11	51 3-	1/0ACSR	799	757	616	257	327	7	3	0.01	5.24	3
COL11610+	COL11609	11.18	51 3-	1/0ACSR	795	753	613	257	327	7	3	0.01	5.25	3
COL11578+	COL11610	11.28	1 1-	4ACSR	0	0	607	255	3	0	0	0.00	5.25	0
COL11611+	COL11610	11.26	47 3-	1/0ACSR	791	749	610	256	314	7	3	0.00	5.25	2
COL11612+	COL11611	11.31	47 3-	1/0ACSR	788	746	607	256	314	7	3	0.00	5.25	0
COL11660+	COL11612	11.35	47 3-	1/0ACSR	786	744	605	256	314	7	3	0.00	5.26	0
COL11661+	COL11660	11.36	46 3-	1/0ACSR	785	744	605	255	303	7	3	0.00	5.26	0
COL11613+	COL11661	11.39	46 3-	1/0ACSR	784	743	604	255	303	7	3	0.00	5.26	0
COL11579+	COL11613	11.43	0 1-	4ACSR	0	0	601	255	0	0	0	0.00	5.26	0
XFMR41	COL11613	11.39	46 1-	333 KVA 1PH AUT	0	0	675	162	303	21	93	0.78	6.04	0
COL11693	XFMR41	11.40	46 1-	4ACSR	0	0	674	162	303	42	31	0.01	6.05	7
OC323	COL11693	11.40	46 1-	50 H OCR	0	0	674	162	303	42	86	0.00	6.05	0
COL11694	OC323	11.44	46 1-	4ACSR	0	0	669	162	303	42	31	0.08	6.13	40
COL11614	COL11694	11.61	45 1-	4ACSR	0	0	646	160	299	42	30	0.32	6.45	160
COL11658	COL11614	11.66	4 1-	4ACSR	0	0	640	160	15	2	2	0.00	6.46	0
COL11659	COL11658	11.71	2 1-	4ACSR	0	0	633	159	13	1	1	0.00	6.46	0
COL11641	COL11659	11.77	1 1-	4ACSR	0	0	626	159	9	1	1	0.00	6.46	0
COL11615	COL11614	11.70	39 1-	4ACSR	0	0	635	159	274	38	28	0.16	6.61	71
COL11616	COL11615	11.79	38 1-	4ACSR	0	0	624	158	265	37	27	0.16	6.76	69
COL11617	COL11616	11.86	38 1-	4ACSR	0	0	615	158	265	37	27	0.13	6.89	56
COL11562	COL11617	12.01	29 1-	4ACSR	0	0	597	156	196	27	20	0.19	7.08	63
COL11563	COL11562	12.09	22 1-	4ACSR	0	0	589	156	176	25	18	0.09	7.17	26
COL11657	COL11563	12.20	3 1-	4ACSR	0	0	577	155	21	3	2	0.01	7.18	0
COL17205	COL11657	12.35	1 1-	4ACSR	0	0	561	153	9	1	1	0.00	7.18	0
COL11618	COL11563	12.31	19 1-	4ACSR	0	0	565	154	155	22	16	0.22	7.39	57
COL11619	COL11618	12.34	19 1-	4ACSR	0	0	562	153	155	22	16	0.03	7.42	9
COL11620	COL11619	12.35	19 1-	4ACSR	0	0	561	153	155	22	16	0.01	7.43	0
COL11653	COL11620	12.46	15 1-	4ACSR	0	0	549	152	122	17	13	0.08	7.51	16
CO780471879	COL11653	12.48	13 1-	2ACSR	0	0	548	152	105	15	8	0.01	7.51	0
CO-397037819	CO780471879	12.54	1 1-	2ACSR	0	0	543	152	1	0	0	0.00	7.51	0
CO-1129549170	CO780471879	12.51	12 1-	2ACSR	0	0	546	152	104	14	8	0.01	7.53	2
COL11666	CO-1129549170	12.59	11 1-	4ACSR	0	0	538	151	104	14	11	0.05	7.58	9
COL11671	COL11666	12.70	10 1-	4ACSR	0	0	527	150	95	13	10	0.07	7.65	10
COL11672	COL11671	12.73	9 1-	4ACSR	0	0	524	150	86	12	9	0.02	7.67	3
COL11621	COL11672	12.75	9 1-	4ACSR	0	0	522	150	86	12	9	0.01	7.67	0
COL11622	COL11621	12.96	6 1-	4ACSR	0	0	503	148	62	8	6	0.08	7.76	9
COL11623	COL11622	13.04	6 1-	4ACSR	0	0	496	147	62	8	6	0.03	7.79	3
COL11624	COL11623	13.14	5 1-	4ACSR	0	0	488	147	60	8	6	0.04	7.83	4
COL11625	COL11624	13.21	5 1-	4ACSR	0	0	482	146	60	8	6	0.03	7.86	3
COL11699	COL11625	13.45	5 1-	4ACSR	0	0	463	144	60	8	6	0.09	7.95	9
COL11700	COL11699	13.55	5 1-	4ACSR	0	0	456	143	60	8	6	0.04	7.99	4
COL11681	COL11700	13.66	5 1-	4ACSR	0	0	448	142	60	8	6	0.04	8.03	4
COL11588	COL11681	13.70	1 1-	2ACSR	0	0	446	142	4	0	0	0.00	8.03	0
COL11682	COL11681	13.72	4 1-	4ACSR	0	0	443	142	56	8	6	0.02	8.05	0
COL11685	COL11682	13.81	3 1-	4ACSR	0	0	437	141	50	7	5	0.03	8.08	2
COL11686	COL11685	13.86	2 1-	4ACSR	0	0	434	141	49	7	5	0.02	8.10	0
COL11673	COL11686	13.88	2 1-	4ACSR	0	0	432	141	49	7	5	0.00	8.10	0
COL11678	COL11673	14.03	1 1-	1/0PRIURD	0	0	426	255	6	0	1	0.00	8.10	0
COL11589	COL11685	13.84	1 1-	2ACSR	0	0	436	141	1	0	0	0.00	8.08	0
COL11580	COL11621	12.82	1 1-	4ACSR	0	0	516	149	5	0	1	0.00	7.68	0
COL11581	CO-1129549170	12.57	1 1-	4ACSR	0	0	539	151	0	0	0	0.00	7.53	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO11582	CO11620	12.50	3 1-	4ACSR	0	0	545	152	18	2	2	0.01	7.43	0
CO11584	CO11562	12.13	2 1-	4ACSR	0	0	584	155	8	1	1	0.00	7.08	0
CO11583	CO11562	12.08	3 1-	4ACSR	0	0	590	156	9	1	1	0.00	7.08	0
CO11626	CO11617	11.94	6 1-	4ACSR	0	0	606	157	63	9	6	0.03	6.92	3
CO11627	CO11626	11.97	5 1-	4ACSR	0	0	603	157	50	7	5	0.01	6.93	0
CO441267905	CO11627	12.05	1 1-	2ACSR	0	0	595	156	0	0	0	0.00	6.93	0
CO11655	CO11627	12.04	3 1-	4ACSR	0	0	595	156	39	5	4	0.01	6.94	0
CO11656	CO11655	12.08	2 1-	4ACSR	0	0	590	156	26	3	3	0.01	6.95	0
CO11586	CO11656	12.16	0 1-	4ACSR	0	0	581	155	0	0	0	0.00	6.95	0
CO11585	CO11656	12.18	1 1-	4ACSR	0	0	579	155	11	1	1	0.00	6.95	0
CO11679+	CO11663	11.09	2 1-	4ACSR	0	0	615	257	23	1	1	0.00	5.24	0
CO11680+	CO11679	11.16	2 1-	4ACSR	0	0	611	256	23	1	1	0.00	5.24	0
CO11639+	CO11679	11.13	0 1-	4ACSR	0	0	613	256	0	0	0	0.00	5.24	0
CO11640+	CO11639	11.19	0 1-	4ACSR	0	0	609	256	0	0	0	0.00	5.24	0
CO11576+	CO11608	10.95	1 1-	4ACSR	0	0	622	258	0	0	0	0.00	5.22	0
CO11575+	CO11608	10.95	2 1-	4ACSR	0	0	622	258	19	1	1	0.00	5.23	0
CO11574+	CO11608	10.95	1 1-	4ACSR	0	0	622	258	10	0	0	0.00	5.22	0
CO11637+	CO11606	10.84	3 1-	4ACSR	0	0	627	259	26	1	1	0.00	5.22	0
CO11638+	CO11637	10.89	1 1-	4ACSR	0	0	624	258	17	1	1	0.00	5.22	0
CO11572+	CO11668	10.41	1 1-	4ACSR	0	0	647	261	9	0	0	0.00	5.17	0
CO11691+	CO11668	10.36	7 1-	4ACSR	0	0	651	262	20	1	1	0.00	5.17	0
OC322+	CO11691	10.36	7 1-	10 N FUSE	0	0	651	262	20	1	14	0.00	5.17	0
CO11692+	OC322	10.73	7 1-	4ACSR	0	0	625	257	20	1	1	0.01	5.19	0
CO11571+	CO11692	10.89	2 1-	4ACSR	0	0	614	255	0	0	0	0.00	5.19	0
CO11561+	CO11692	10.87	5 1-	4ACSR	0	0	614	255	20	1	1	0.00	5.19	0
CO11570+	CO11561	11.03	1 1-	4ACSR	0	0	604	254	4	0	0	0.00	5.19	0
CO11601+	CO11561	11.00	3 1-	4ACSR	0	0	606	254	13	0	1	0.00	5.19	0
CO11602+	CO11601	11.02	2 1-	4ACSR	0	0	605	254	1	0	0	0.00	5.19	0
CO11603+	CO11602	11.42	2 1-	4ACSR	0	0	580	249	1	0	0	0.00	5.19	0
CO11569+	CO11603	11.49	1 1-	4ACSR	0	0	575	248	1	0	0	0.00	5.19	0
CO11568+	CO11603	11.51	0 1-	4ACSR	0	0	574	247	0	0	0	0.00	5.19	0
CO11567+	CO11560	9.71	1 1-	4ACSR	0	0	684	267	7	0	0	0.00	5.10	0
CO11557+	CO11591	9.41	215 3-	1/0ACSR	901	852	702	269	1282	29	13	0.01	5.09	24
CO11556+	CO11557	9.59	214 3-	1/0ACSR	889	841	692	268	1276	29	13	0.04	5.12	89
CO17208+	CO11556	9.90	214 3-	1/0ACSR	869	822	675	266	1276	29	13	0.06	5.19	150
CO13989+	CO17208	10.07	214 3-	1/0ACSR	858	812	666	264	1275	29	13	0.04	5.22	84
CO13974+	CO13989	10.18	10 1-	6ACWC	0	0	658	263	47	3	2	0.01	5.23	0
CO13975+	CO13974	10.46	8 1-	6ACWC	0	0	637	259	31	2	2	0.01	5.24	0
CO17210+	CO13975	10.69	6 1-	6ACWC	0	0	621	256	17	1	1	0.01	5.25	0
CO11642+	CO17210	10.73	1 1-	6ACWC	0	0	618	256	0	0	0	0.00	5.25	0
CO11643+	CO11642	10.77	1 1-	6ACWC	0	0	616	255	0	0	0	0.00	5.25	0
CO11683+	CO17210	10.76	3 1-	6ACWC	0	0	616	255	15	1	1	0.00	5.25	0
CO11684+	CO11683	10.85	2 1-	6ACWC	0	0	610	254	4	0	0	0.00	5.25	0
CO11628+	CO11684	11.04	2 1-	6ACWC	0	0	598	252	4	0	0	0.00	5.25	0
CO11629+	CO11628	11.09	2 1-	6ACWC	0	0	594	251	4	0	0	0.00	5.25	0
CO11645+	CO11683	10.79	1 1-	2ACSR	0	0	615	255	11	0	0	0.00	5.25	0
CO11646+	CO11645	10.86	1 1-	2ACSR	0	0	611	254	11	0	0	0.00	5.25	0
CO17209+	CO13975	10.51	1 1-	4/0 E (CWC)	0	0	635	259	13	0	0	0.00	5.24	0
CO13896+	CO13989	10.23	204 3-	1/0ACSR	849	803	658	263	1228	28	12	0.03	5.25	74
CO13929+	CO13896	10.28	1 1-	4ACSR	0	0	654	262	8	0	0	0.00	5.26	0
CO13895+	CO13896	10.36	203 3-	1/0ACSR	841	796	651	262	1220	28	12	0.03	5.28	60
CO14046+	CO13895	10.42	5 1-	4ACSR	0	0	647	262	14	0	1	0.00	5.28	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO606882487+	CO14046	10.49	1 1-	2ACSR	0	0	643	261	0	0	0	0.00	5.28	0
CO14047+	CO14046	10.49	2 1-	4ACSR	0	0	641	260	6	0	0	0.00	5.28	0
CO13894+	CO13895	10.62	198 3-	1/0ACSR	825	781	638	260	1206	27	12	0.05	5.33	117
CO13928+	CO13894	10.70	1 1-	4ACSR	0	0	633	259	1	0	0	0.00	5.33	0
CO13927+	CO13894	10.68	2 1-	4ACSR	0	0	634	260	17	1	1	0.00	5.33	0
CO13893+	CO13894	10.72	195 3-	1/0ACSR	820	776	634	260	1187	27	12	0.02	5.35	41
CO-182885599+	CO13893	10.80	2 1-	2ACSR	0	0	630	259	4	0	0	0.00	5.35	0
CO14120+	CO13893	10.73	11 1-	4ACSR	0	0	633	260	58	4	3	0.00	5.35	0
OC402+	CO14120	10.73	11 1-	10 N FUSE	0	0	633	260	58	4	41	0.00	5.35	0
CO14121+	OC402	10.84	11 1-	4ACSR	0	0	625	258	58	4	3	0.01	5.36	0
CO14066+	CO14121	10.88	9 1-	4ACSR	0	0	623	258	47	3	2	0.00	5.36	0
CO13984+	CO14066	11.07	9 1-	4ACSR	0	0	610	255	47	3	2	0.01	5.38	0
CO13985+	CO13984	11.17	8 1-	4ACSR	0	0	603	254	35	2	2	0.01	5.38	0
CO13986+	CO13985	11.25	6 1-	4ACSR	0	0	598	253	27	1	1	0.00	5.39	0
CO13987+	CO13986	11.42	6 1-	4ACSR	0	0	587	251	27	1	1	0.01	5.39	0
CO13988+	CO13987	11.54	4 1-	4ACSR	0	0	580	249	20	1	1	0.00	5.39	0
CO14107+	CO13988	11.61	2 1-	4ACSR	0	0	576	248	8	0	0	0.00	5.40	0
CO14108+	CO14107	11.69	1 1-	4ACSR	0	0	571	248	3	0	0	0.00	5.40	0
CO14051+	CO14107	11.67	1 1-	2ACSR	0	0	573	248	6	0	0	0.00	5.40	0
CO14052+	CO14051	11.73	1 1-	2ACSR	0	0	570	247	6	0	0	0.00	5.40	0
CO13892+	CO13893	10.79	182 3-	1/0ACSR	816	772	630	259	1124	25	11	0.01	5.37	29
CO14067+	CO13892	10.90	6 1-	4ACSR	0	0	623	258	13	0	1	0.00	5.37	0
CO14068+	CO14067	11.00	3 1-	4ACSR	0	0	616	257	9	0	0	0.00	5.37	0
CO13973+	CO13892	10.84	176 3-	1/0ACSR	813	770	628	259	1111	25	11	0.01	5.37	17
CO13972+	CO13973	10.94	176 3-	1/0ACSR	808	765	624	258	1111	25	11	0.02	5.39	36
CO13926+	CO13972	10.98	2 1-	4ACSR	0	0	621	258	15	1	1	0.00	5.39	0
CO14059+	CO13972	10.98	174 3-	1/0ACSR	806	763	622	258	1096	25	11	0.01	5.40	16
CO14058+	CO14059	11.12	174 3-	1/0ACSR	798	756	615	257	1096	25	11	0.03	5.42	53
CO13971+	CO14058	11.34	173 3-	1/0ACSR	786	745	606	256	1093	25	11	0.04	5.46	80
CO14123+	CO13971	11.47	173 3-	1/0ACSR	780	739	601	255	1093	25	11	0.03	5.49	48
OC409+	CO14123	11.47	173 3-	70 E OCR	780	739	601	255	1093	25	37	0.00	5.49	0
CO14122+	OC409	11.47	173 3-	1/0ACSR	780	738	600	255	1093	25	11	0.00	5.49	3
CO14128+	CO14122	11.48	15 1-	4ACSR	0	0	600	255	101	7	5	0.00	5.49	0
OC398+	CO14128	11.48	15 1-	15 H OCR	0	0	600	255	101	7	48	0.00	5.49	0
XFMR38	OC398	11.48	15 1-	333 KVA 1PH AUT	0	0	673	162	101	7	31	0.25	5.74	0
CO14129	XFMR38	11.57	15 1-	4ACSR	0	0	661	161	101	14	10	0.06	5.80	9
CO14101	CO14129	11.59	12 1-	4ACSR	0	0	658	161	93	13	9	0.01	5.81	0
CO13976	CO14101	11.62	12 1-	4ACSR	0	0	655	161	93	13	9	0.02	5.82	3
CO13977	CO13976	11.70	12 1-	4ACSR	0	0	644	160	93	13	9	0.05	5.87	8
CO13924	CO13977	11.99	1 1-	4ACSR	0	0	609	157	0	0	0	0.00	5.87	0
CO13978	CO13977	11.89	11 1-	4ACSR	0	0	620	158	93	13	9	0.11	5.99	18
CO13979	CO13978	12.23	11 1-	4ACSR	0	0	581	155	93	13	9	0.20	6.19	32
CO13980	CO13979	12.36	11 1-	4ACSR	0	0	568	154	93	13	9	0.07	6.26	11
CO13981	CO13980	12.70	11 1-	4ACSR	0	0	533	151	93	13	9	0.20	6.47	32
CO13982	CO13981	13.15	11 1-	4ACSR	0	0	493	147	92	13	9	0.27	6.74	42
CO13983	CO13982	13.44	11 1-	4ACSR	0	0	469	145	92	13	9	0.15	6.89	22
CO13898	CO13983	13.54	9 1-	4ACSR	0	0	462	144	71	10	7	0.04	6.93	5
CO14069	CO13898	13.67	3 1-	4ACSR	0	0	452	143	10	1	1	0.01	6.94	0
CO14070	CO14069	13.80	3 1-	4ACSR	0	0	442	142	10	1	1	0.01	6.95	0
CO14048	CO14070	13.88	1 1-	4ACSR	0	0	437	141	7	0	1	0.00	6.95	0
CO13991	CO13898	13.61	6 1-	4ACSR	0	0	457	143	61	8	6	0.03	6.96	3
CO13992	CO13991	13.63	6 1-	4ACSR	0	0	455	143	61	8	6	0.01	6.97	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL17211	COL13992	13.94	3 1-	4ACSR	0	0	433	141	30	4	3	0.05	7.02	0
COL17207	COL17211	14.24	1 1-	4ACSR	0	0	414	138	17	2	2	0.03	7.05	0
COL11555	COL17207	14.47	1 1-	4ACSR	0	0	400	137	17	2	2	0.03	7.08	0
COL11554	COL11555	14.61	1 1-	4ACSR	0	0	392	136	17	2	2	0.02	7.09	0
COL17206	COL11554	14.66	1 1-	4ACSR	0	0	389	135	17	2	2	0.00	7.10	0
COL13934	COL13992	13.72	2 1-	4ACSR	0	0	448	142	28	4	3	0.01	6.98	0
COL13933	COL13983	13.50	0 1-	4ACSR	0	0	464	144	0	0	0	0.00	6.89	0
COL13923+	COL14122	11.57	2 1-	4ACSR	0	0	594	253	10	0	0	0.00	5.49	0
COL13890+	COL14122	11.61	156 3-	1/0ACSR	773	732	595	254	982	23	10	0.03	5.52	41
COL13920+	COL13890	11.66	3 1-	4ACSR	0	0	591	253	16	1	1	0.00	5.52	0
COL13919+	COL13890	11.75	0 1-	4ACSR	0	0	586	252	0	0	0	0.00	5.52	0
COL13889+	COL13890	11.74	153 3-	1/0ACSR	766	726	589	253	966	22	10	0.03	5.54	39
COL14116+	COL13889	11.75	7 1-	4ACSR	0	0	589	253	43	3	2	0.00	5.54	0
OC400+	COL14116	11.75	7 1-	10 N FUSE	0	0	589	253	43	3	31	0.00	5.54	0
COL14117+	OC400	11.81	7 1-	4ACSR	0	0	585	252	43	3	2	0.00	5.55	0
COL13891+	COL14117	11.86	6 1-	4ACSR	0	0	582	251	39	2	2	0.00	5.55	0
COL13921+	COL13891	12.01	0 1-	4ACSR	0	0	573	250	0	0	0	0.00	5.55	0
COL14041+	COL13891	11.92	5 1-	4ACSR	0	0	578	251	31	2	2	0.00	5.55	0
COL14042+	COL14041	12.01	3 1-	4ACSR	0	0	573	250	27	1	1	0.00	5.56	0
COL14043+	COL14042	12.05	1 1-	4ACSR	0	0	570	249	12	0	1	0.00	5.56	0
COL13922+	COL14117	11.85	1 1-	4ACSR	0	0	582	251	4	0	0	0.00	5.55	0
COL13970+	COL13889	11.79	146 3-	1/0ACSR	764	724	587	253	922	21	9	0.01	5.55	13
COL13969+	COL13970	11.98	146 3-	1/0ACSR	755	715	580	251	922	21	9	0.04	5.59	51
COL13888+	COL13969	12.20	145 3-	1/0ACSR	744	705	571	250	915	21	9	0.04	5.63	60
COL14118+	COL13888	12.21	7 1-	4ACSR	0	0	571	250	52	3	3	0.00	5.63	0
OC401+	COL14118	12.21	7 1-	10 N FUSE	0	0	571	250	52	3	37	0.00	5.63	0
COL14119+	OC401	12.30	7 1-	4ACSR	0	0	566	249	52	3	3	0.01	5.64	0
COL14063+	COL14119	12.35	5 1-	4ACSR	0	0	563	248	32	2	2	0.00	5.64	0
COL13968+	COL14063	12.43	5 1-	4ACSR	0	0	558	247	32	2	2	0.00	5.64	0
COL13917+	COL13968	12.48	1 1-	4ACSR	0	0	555	247	14	0	1	0.00	5.64	0
COL13966+	COL13968	12.64	4 1-	4ACSR	0	0	547	245	18	1	1	0.01	5.65	0
COL13967+	COL13966	12.85	4 1-	4ACSR	0	0	536	242	18	1	1	0.01	5.65	0
COL17165+	COL13967	13.04	0 1-	4ACSR	0	0	526	240	0	0	0	0.00	5.65	0
COL14056+	COL13967	12.98	4 1-	4ACSR	0	0	529	241	18	1	1	0.00	5.66	0
COL14057+	COL14056	13.06	3 1-	4ACSR	0	0	525	240	18	1	1	0.00	5.66	0
COL13994+	COL14057	13.12	2 1-	4ACSR	0	0	522	239	9	0	0	0.00	5.66	0
COL17162+	COL13994	13.17	1 1-	4ACSR	0	0	519	239	9	0	0	0.00	5.66	0
COL14497+	COL17162	13.23	1 1-	4ACSR	0	0	517	238	9	0	0	0.00	5.66	0
COL14496+	COL14497	13.26	1 1-	4ACSR	0	0	515	237	9	0	0	0.00	5.66	0
COL14495+	COL14496	13.32	1 1-	4ACSR	0	0	512	237	9	0	0	0.00	5.66	0
COL14494+	COL14495	13.36	1 1-	4ACSR	0	0	510	236	9	0	0	0.00	5.66	0
COL13916+	COL14057	13.13	1 1-	4ACSR	0	0	521	239	9	0	0	0.00	5.66	0
COL14055+	COL13888	12.23	137 3-	1/0ACSR	743	704	570	250	857	20	9	0.00	5.63	7
COL14113+	COL14055	12.27	137 3-	1/0ACSR	741	702	569	249	857	20	9	0.01	5.64	8
COL13937+	COL14113	12.34	0 1-	4ACSR	0	0	564	249	0	0	0	0.00	5.64	0
COL14028+	COL14113	12.32	3 1-	4ACSR	0	0	565	249	6	0	0	0.00	5.64	0
COL14029+	COL14028	12.39	3 1-	4ACSR	0	0	562	248	6	0	0	0.00	5.64	0
COL14030+	COL14029	12.40	2 1-	4ACSR	0	0	561	248	6	0	0	0.00	5.64	0
COL14091+	COL14113	12.32	133 3-	1/0ACSR	739	700	567	249	851	20	9	0.01	5.65	12
COL14090+	COL14091	12.36	131 3-	1/0ACSR	737	698	565	249	847	19	9	0.01	5.66	10
COL13938+	COL14090	12.39	1 1-	4ACSR	0	0	563	249	18	1	1	0.00	5.66	0
COL13914+	COL14090	12.41	127 3-	1/0ACSR	735	696	563	249	816	19	8	0.01	5.67	10

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL14064+	COL13914	12.48	3 1-	4ACSR	0	0	559	248	30	2	2	0.00	5.67	0
COL14065+	COL14064	12.54	1 1-	4ACSR	0	0	556	247	18	1	1	0.00	5.67	0
COL13913+	COL13914	12.51	124 3-	1/0ACSR	730	692	560	248	786	18	8	0.02	5.68	19
COL14012+	COL13913	12.57	3 1-	4ACSR	0	0	556	247	18	1	1	0.00	5.68	0
COL14013+	COL14012	12.61	3 1-	4ACSR	0	0	554	247	18	1	1	0.00	5.68	0
COL14053+	COL14013	12.62	3 1-	4ACSR	0	0	553	247	18	1	1	0.00	5.68	0
COL14054+	COL14053	12.64	2 1-	4ACSR	0	0	552	246	11	0	1	0.00	5.68	0
COL13939+	COL13913	12.55	0 1-	4ACSR	0	0	557	247	0	0	0	0.00	5.68	0
COL13912+	COL13913	12.56	121 3-	1/0ACSR	728	690	558	248	768	18	8	0.01	5.69	11
COL13911+	COL13912	12.72	117 3-	1/0ACSR	721	683	552	247	747	17	8	0.02	5.71	29
COL13899+	COL13911	12.76	116 3-	1/0ACSR	719	682	550	246	747	17	8	0.01	5.72	7
COL13900+	COL13899	12.80	114 3-	1/0ACSR	717	680	549	246	744	17	8	0.01	5.73	7
COL14071+	COL13900	12.84	114 3-	1/0ACSR	715	678	548	246	744	17	8	0.01	5.73	8
COL14072+	COL14071	12.94	114 3-	1/0ACSR	711	674	544	245	744	17	8	0.01	5.75	17
COL13998+	COL14072	12.99	114 3-	1/0ACSR	709	673	543	245	743	17	8	0.01	5.75	7
COL14018+	COL13998	13.04	1 1-	4ACSR	0	0	540	244	2	0	0	0.00	5.75	0
COL14019+	COL14018	13.12	0 1-	4ACSR	0	0	536	243	0	0	0	0.00	5.75	0
COL14020+	COL14019	13.27	0 1-	4ACSR	0	0	528	242	0	0	0	0.00	5.75	0
COL13999+	COL13998	13.11	113 3-	1/0ACSR	704	668	538	244	741	17	8	0.02	5.77	22
COL14081+	COL13999	13.12	113 3-	1/0ACSR	704	667	538	244	741	17	8	0.00	5.77	2
COL14082+	COL14081	13.15	112 3-	1/0ACSR	702	666	537	244	737	17	8	0.00	5.78	6
COL14083+	COL14082	13.20	111 3-	1/0ACSR	700	664	535	244	727	17	7	0.01	5.79	8
COL14084+	COL14083	13.31	110 3-	1/0ACSR	696	660	532	243	727	17	7	0.02	5.80	17
COL14085+	COL14084	13.34	110 3-	1/0ACSR	695	659	531	243	727	17	7	0.00	5.81	5
COL14086+	COL14085	13.41	108 3-	1/0ACSR	692	656	528	242	721	17	7	0.01	5.82	11
COL14087+	COL14086	13.50	106 3-	1/0ACSR	688	653	525	242	696	16	7	0.01	5.83	14
COL13941+	COL14087	13.52	0 1-	4ACSR	0	0	524	241	0	0	0	0.00	5.83	0
COL13940+	COL14087	13.55	2 1-	4ACSR	0	0	523	241	25	1	1	0.00	5.83	0
COL13901+	COL14087	13.58	104 3-	1/0ACSR	685	650	523	241	671	15	7	0.01	5.84	12
COL14002+	COL13901	13.63	100 3-	1/0ACSR	683	648	521	241	631	14	6	0.01	5.85	6
COL14003+	COL14002	13.68	99 3-	1/0ACSR	681	646	520	241	630	14	6	0.01	5.85	6
COL13945+	COL14003	13.72	2 1-	4ACSR	0	0	517	240	17	1	1	0.00	5.85	0
COL14004+	COL14003	13.74	97 3-	1/0ACSR	679	644	518	240	613	14	6	0.01	5.86	8
COL14005+	COL14004	13.82	97 3-	1/0ACSR	676	641	515	240	613	14	6	0.01	5.87	9
COL13905+	COL14005	13.87	37 1-	4ACSR	0	0	513	239	180	12	9	0.01	5.88	4
COL13947+	COL13905	13.91	2 1-	4ACSR	0	0	511	239	18	1	1	0.00	5.88	0
COL14036+	COL13905	13.90	35 1-	4ACSR	0	0	511	239	162	11	8	0.01	5.89	3
COL14088+	COL14036	13.94	35 1-	4ACSR	0	0	509	238	162	11	8	0.01	5.90	3
COL14092+	COL14088	13.99	35 1-	4ACSR	0	0	507	238	162	11	8	0.01	5.92	3
COL14093+	COL14092	14.02	34 1-	4ACSR	0	0	506	238	159	11	8	0.01	5.92	0
COL14126+	COL14093	14.02	34 1-	4ACSR	0	0	506	238	159	11	8	0.00	5.92	0
OC404+	COL14126	14.02	34 1-	50 H OCR	0	0	506	238	159	11	23	0.00	5.92	0
COL14127+	OC404	14.09	34 1-	4ACSR	0	0	503	237	159	11	8	0.02	5.94	4
COL14103+	COL14127	14.16	30 1-	4ACSR	0	0	499	236	149	10	8	0.02	5.96	4
COL14049+	COL14103	14.20	1 1-	2ACSR	0	0	498	236	5	0	0	0.00	5.96	0
COL14050+	COL14049	14.27	1 1-	2ACSR	0	0	496	235	5	0	0	0.00	5.96	0
COL14104+	COL14103	14.20	28 1-	4ACSR	0	0	498	236	141	9	7	0.01	5.97	0
COL14080+	COL14104	14.30	28 1-	4ACSR	0	0	493	234	141	9	7	0.02	5.99	5
COL14037+	COL14080	14.36	28 1-	4ACSR	0	0	491	234	141	9	7	0.01	6.00	3
COL13906+	COL14037	14.51	27 1-	4ACSR	0	0	484	232	135	9	7	0.03	6.03	7
COL13956+	COL13906	14.57	1 1-	4ACSR	0	0	482	232	12	0	1	0.00	6.03	0
COL13907+	COL13906	14.60	25 1-	4ACSR	0	0	481	231	118	8	6	0.02	6.05	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14124+	CO13907	14.60	1 1-	4ACSR	0	0	480	231	1	0	0	0.00	6.05	0
OC407+	CO14124	14.60	1 1-	10 H OCR	0	0	480	231	1	0	1	0.00	6.05	0
CO14125+	OC407	15.14	1 1-	4ACSR	0	0	459	226	1	0	0	0.00	6.05	0
CO17154+	CO14125	15.37	1 1-	4ACSR	0	0	450	223	1	0	0	0.00	6.05	0
CO13792+	CO17154	15.43	0 1-	4ACSR	0	0	448	223	0	0	0	0.00	6.05	0
CO17158+	CO13792	15.49	0 1-	4ACSR	0	0	445	222	0	0	0	0.00	6.05	0
CO13793+	CO13792	16.15	0 1-	4ACSR	0	0	422	216	0	0	0	0.00	6.05	0
CO13791+	CO17154	15.49	1 1-	4ACSR	0	0	445	222	1	0	0	0.00	6.05	0
CO13857+	CO13791	15.57	0 1-	4ACSR	0	0	443	221	0	0	0	0.00	6.05	0
CO13858+	CO13857	15.67	0 1-	4ACSR	0	0	439	220	0	0	0	0.00	6.05	0
CO13867+	CO13858	15.79	0 1-	4ACSR	0	0	435	219	0	0	0	0.00	6.05	0
CO13839+	CO13791	15.73	1 1-	4ACSR	0	0	437	220	1	0	0	0.00	6.05	0
CO13840+	CO13839	15.89	1 1-	4ACSR	0	0	431	218	1	0	0	0.00	6.05	0
CO13841+	CO13840	15.93	1 1-	4ACSR	0	0	430	218	1	0	0	0.00	6.05	0
CO13842+	CO13841	16.14	1 1-	4ACSR	0	0	423	216	1	0	0	0.00	6.05	0
CO13843+	CO13842	16.19	1 1-	4ACSR	0	0	421	216	1	0	0	0.00	6.05	0
CO13961+	CO14125	15.23	0 1-	4ACSR	0	0	455	225	0	0	0	0.00	6.05	0
CO14038+	CO13907	14.71	21 1-	4ACSR	0	0	476	230	111	7	6	0.02	6.07	4
CO14073+	CO14038	14.79	20 1-	4ACSR	0	0	473	229	103	7	5	0.01	6.08	0
CO14074+	CO14073	14.92	19 1-	4ACSR	0	0	467	228	89	6	5	0.02	6.10	3
CO13908+	CO14074	15.02	14 1-	4ACSR	0	0	463	227	56	3	3	0.01	6.11	0
CO13909+	CO13908	15.06	14 1-	4ACSR	0	0	462	227	56	3	3	0.00	6.11	0
CO13958+	CO13909	15.11	1 1-	4ACSR	0	0	460	226	7	0	0	0.00	6.11	0
CO13910+	CO13909	15.21	13 1-	4ACSR	0	0	456	225	50	3	3	0.01	6.12	0
CO14039+	CO13910	15.30	11 1-	4ACSR	0	0	453	224	47	3	2	0.01	6.13	0
CO14040+	CO14039	15.47	10 1-	4ACSR	0	0	446	222	44	3	2	0.01	6.14	0
CO17102+	CO14040	15.60	8 1-	4ACSR	0	0	441	221	28	1	1	0.01	6.15	0
CO13789+	CO17102	15.67	5 1-	4ACSR	0	0	439	220	26	1	1	0.00	6.15	0
CO17157+	CO13789	15.79	1 1-	4ACSR	0	0	435	219	0	0	0	0.00	6.15	0
CO14011+	CO17157	15.95	1 1-	4ACSR	0	0	429	218	0	0	0	0.00	6.15	0
CO17099+	CO14011	16.01	1 1-	2ACSR	0	0	428	217	0	0	0	0.00	6.15	0
CO13753+	CO17099	16.18	1 1-	2ACSR	0	0	423	216	0	0	0	0.00	6.15	0
CO13752+	CO13753	16.33	1 1-	2ACSR	0	0	419	215	0	0	0	0.00	6.15	0
CO13815+	CO13789	15.74	4 1-	4ACSR	0	0	437	220	26	1	1	0.00	6.15	0
CO13816+	CO13815	15.81	4 1-	4ACSR	0	0	434	219	26	1	1	0.00	6.16	0
CO13869+	CO13816	15.88	3 1-	4ACSR	0	0	432	218	12	0	1	0.00	6.16	0
CO13868+	CO13869	15.92	3 1-	4ACSR	0	0	430	218	12	0	1	0.00	6.16	0
CO17103+	CO13868	16.01	2 1-	4ACSR	0	0	427	217	2	0	0	0.00	6.16	0
CO13607+	CO17103	16.13	2 1-	4ACSR	0	0	423	216	2	0	0	0.00	6.16	0
CO13542+	CO13607	16.26	1 1-	4ACSR	0	0	419	215	2	0	0	0.00	6.16	0
CO13696+	CO13607	16.14	1 1-	4ACSR	0	0	423	216	0	0	0	0.00	6.16	0
OC391+	CO13696	16.14	1 1-	10 H OCR	0	0	423	216	0	0	0	0.00	6.16	0
CO17104+	OC391	16.46	1 1-	4ACSR	0	0	413	213	0	0	0	0.00	6.16	0
CO13870+	CO17104	16.58	1 1-	4ACSR	0	0	409	212	0	0	0	0.00	6.16	0
CO17150+	CO13870	16.93	1 1-	4ACSR	0	0	398	209	0	0	0	0.00	6.16	0
CO13707+	CO17150	17.05	1 1-	4ACSR	0	0	395	208	0	0	0	0.00	6.16	0
CO13691+	CO13707	17.16	1 1-	4ACSR	0	0	391	207	0	0	0	0.00	6.16	0
CO13690+	CO13691	17.28	1 1-	4ACSR	0	0	388	206	0	0	0	0.00	6.16	0
CO17160+	CO13690	17.49	0 1-	4ACSR	0	0	382	204	0	0	0	0.00	6.16	0
CO13835+	CO17160	17.67	0 1-	4ACSR	0	0	377	203	0	0	0	0.00	6.16	0
CO13836+	CO13835	17.86	0 1-	4ACSR	0	0	372	201	0	0	0	0.00	6.16	0
CO13837+	CO13836	17.95	0 1-	4ACSR	0	0	370	200	0	0	0	0.00	6.16	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
COL13838+	COL13837	18.62	0 1-	4ACSR	0	0	353	195	0	0	0	0.00	6.16	0
COL13790+	COL17104	16.57	0 1-	4ACSR	0	0	409	212	0	0	0	0.00	6.16	0
COL13801+	COL13790	16.78	0 1-	4ACSR	0	0	403	210	0	0	0	0.00	6.16	0
COL13800+	COL13790	16.66	0 1-	4ACSR	0	0	406	211	0	0	0	0.00	6.16	0
COL13802+	COL13868	15.95	1 1-	4ACSR	0	0	429	218	10	0	0	0.00	6.16	0
COL13799+	COL13816	15.93	1 1-	4ACSR	0	0	430	218	14	1	1	0.00	6.16	0
COL13798+	COL17102	15.64	3 1-	4ACSR	0	0	440	221	2	0	0	0.00	6.15	0
COL13936+	COL14040	15.53	2 1-	4ACSR	0	0	444	222	16	1	1	0.00	6.14	0
COL13960+	COL13910	15.32	0 1-	4ACSR	0	0	452	224	0	0	0	0.00	6.12	0
COL13959+	COL13910	15.25	2 1-	4ACSR	0	0	455	225	3	0	0	0.00	6.12	0
COL13957+	COL13908	15.11	0 1-	4ACSR	0	0	460	226	0	0	0	0.00	6.11	0
COL14109+	COL14074	14.99	3 1-	4ACSR	0	0	465	227	23	1	1	0.00	6.10	0
COL13964+	COL14109	15.06	1 1-	2ACSR	0	0	462	227	3	0	0	0.00	6.10	0
COL14110+	COL14109	15.03	2 1-	4ACSR	0	0	463	227	20	1	1	0.00	6.10	0
COL14075+	COL14110	15.07	1 1-	4ACSR	0	0	461	226	11	0	1	0.00	6.10	0
COL14027+	COL14075	15.16	0 1-	4ACSR	0	0	458	225	0	0	0	0.00	6.10	0
COL13955+	COL14037	14.68	0 1-	4ACSR	0	0	477	230	0	0	0	0.00	6.00	0
COL14130+	COL14005	13.83	59 1-	4ACSR	0	0	515	240	426	30	22	0.00	5.87	3
OC405+	COL14130	13.83	59 1-	70 L OCR	0	0	515	240	426	30	43	0.00	5.87	0
COL14131+	OC405	13.89	59 1-	4ACSR	0	0	512	239	426	30	22	0.04	5.92	30
COL14089+	COL14131	13.91	58 1-	4ACSR	0	0	511	239	424	30	21	0.02	5.93	13
COL14006+	COL14089	14.12	58 1-	4ACSR	0	0	501	236	424	30	21	0.14	6.08	100
COL13949+	COL14006	14.18	1 1-	4ACSR	0	0	499	236	16	1	1	0.00	6.08	0
COL13948+	COL14006	14.19	1 1-	4ACSR	0	0	498	236	8	0	0	0.00	6.08	0
COL14102+	COL14006	14.14	56 1-	4ACSR	0	0	500	236	399	28	20	0.01	6.09	8
COL14078+	COL14102	14.16	56 1-	4ACSR	0	0	499	236	399	28	20	0.01	6.10	8
COL14079+	COL14078	14.19	55 1-	4ACSR	0	0	498	236	395	27	20	0.02	6.12	11
COL14111+	COL14079	14.24	54 1-	4ACSR	0	0	496	235	384	27	19	0.03	6.15	22
COL13965+	COL14111	14.30	1 1-	2ACSR	0	0	494	235	15	1	1	0.00	6.15	0
COL14112+	COL14111	14.41	53 1-	4ACSR	0	0	489	233	368	26	19	0.10	6.25	60
COL14007+	COL14112	14.48	53 1-	4ACSR	0	0	485	233	368	26	19	0.04	6.29	28
COL13902+	COL14007	14.65	51 1-	4ACSR	0	0	478	231	347	24	18	0.09	6.39	54
COL13915+	COL13902	14.69	49 1-	4ACSR	0	0	477	230	329	23	17	0.02	6.41	11
COL13903+	COL13915	14.94	48 1-	4ACSR	0	0	467	228	318	22	16	0.13	6.53	67
COL14021+	COL13903	14.99	2 1-	4ACSR	0	0	464	227	20	1	1	0.00	6.54	0
COL14022+	COL14021	15.06	1 1-	4ACSR	0	0	462	227	13	0	1	0.00	6.54	0
COL14023+	COL14022	15.18	1 1-	4ACSR	0	0	457	225	13	0	1	0.00	6.54	0
COL13904+	COL13903	15.07	46 1-	4ACSR	0	0	461	226	297	21	15	0.06	6.60	32
COL14060+	COL13904	15.24	42 1-	4ACSR	0	0	455	225	284	20	14	0.07	6.67	35
COL14061+	COL14060	15.37	41 1-	4ACSR	0	0	450	223	273	19	14	0.06	6.73	28
COL14134+	COL14061	15.38	38 1-	4ACSR	0	0	450	223	242	17	12	0.00	6.73	0
OC397+	COL14134	15.38	38 1-	25 H OCR	0	0	450	223	242	17	69	0.00	6.73	0
COL14136+	OC397	15.47	3 1-	4ACSR	0	0	446	222	12	0	1	0.00	6.74	0
COL14096+	COL14136	15.59	2 1-	4ACSR	0	0	442	221	8	0	0	0.00	6.74	0
COL14097+	COL14096	15.61	1 1-	4ACSR	0	0	441	221	6	0	0	0.00	6.74	0
COL14094+	COL14097	15.74	1 1-	4ACSR	0	0	437	220	6	0	0	0.00	6.74	0
COL14095+	COL14094	15.80	0 1-	4ACSR	0	0	435	219	0	0	0	0.00	6.74	0
COL14031+	COL14095	15.93	0 1-	4ACSR	0	0	430	218	0	0	0	0.00	6.74	0
COL14032+	COL14031	16.06	0 1-	4ACSR	0	0	426	217	0	0	0	0.00	6.74	0
COL13935+	COL14032	16.15	0 1-	4ACSR	0	0	423	216	0	0	0	0.00	6.74	0
COL14033+	COL14032	16.21	0 1-	4ACSR	0	0	420	215	0	0	0	0.00	6.74	0
COL14034+	COL14033	16.29	0 1-	4ACSR	0	0	418	215	0	0	0	0.00	6.74	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14076+	CO14034	16.35	0 1-	4ACSR	0	0	416	214	0	0	0	0.00	6.74	0
CO14077+	CO14076	16.36	0 1-	4ACSR	0	0	416	214	0	0	0	0.00	6.74	0
CO14035+	CO14077	16.38	0 1-	4ACSR	0	0	415	214	0	0	0	0.00	6.74	0
CO13963+	CO14035	16.45	0 1-	4ACSR	0	0	413	213	0	0	0	0.00	6.74	0
CO13962+	CO14035	16.41	0 1-	4ACSR	0	0	414	214	0	0	0	0.00	6.74	0
CO14135+	OC397	15.48	35 1-	4ACSR	0	0	446	222	230	16	12	0.04	6.77	14
CO14100+	CO14135	15.54	33 1-	4ACSR	0	0	444	222	213	15	11	0.02	6.79	7
CO17152+	CO14100	15.66	30 1-	4ACSR	0	0	440	221	199	14	10	0.04	6.83	12
CO13723+	CO17152	15.99	0 1-	4ACSR	0	0	428	217	0	0	0	0.00	6.83	0
CO13756+	CO17152	15.70	29 1-	4ACSR	0	0	438	220	196	13	10	0.01	6.84	4
CO13757+	CO13756	15.85	28 1-	4ACSR	0	0	433	219	185	13	9	0.04	6.88	13
CO13724+	CO13757	15.88	1 1-	4ACSR	0	0	432	218	10	0	0	0.00	6.88	0
CO13741+	CO13757	15.99	24 1-	4ACSR	0	0	428	217	167	11	8	0.04	6.92	10
CO13740+	CO13741	16.05	22 1-	4ACSR	0	0	426	217	155	11	8	0.02	6.94	4
CO13725+	CO13740	16.13	1 1-	4ACSR	0	0	423	216	15	1	1	0.00	6.94	0
CO13714+	CO13740	16.17	21 1-	4ACSR	0	0	422	216	140	9	7	0.03	6.96	7
CO13758+	CO13714	16.31	19 1-	4ACSR	0	0	417	214	124	8	6	0.03	6.99	6
CO13759+	CO13758	16.44	19 1-	4ACSR	0	0	413	213	124	8	6	0.03	7.02	5
CO13712+	CO13759	16.50	19 1-	4ACSR	0	0	411	213	124	8	6	0.01	7.03	3
CO13711+	CO13712	16.62	3 1-	4ACSR	0	0	408	212	24	1	1	0.00	7.03	0
CO13732+	CO13711	16.69	2 1-	4ACSR	0	0	405	211	19	1	1	0.00	7.04	0
CO13731+	CO13732	17.03	1 1-	4ACSR	0	0	395	208	15	1	1	0.00	7.04	0
CO13730+	CO13731	17.25	0 1-	4ACSR	0	0	389	206	0	0	0	0.00	7.04	0
CO13718+	CO13730	17.60	0 1-	4ACSR	0	0	379	203	0	0	0	0.00	7.04	0
CO13717+	CO13730	17.56	0 1-	4ACSR	0	0	380	204	0	0	0	0.00	7.04	0
CO13715+	CO13711	16.71	1 1-	4ACSR	0	0	405	211	4	0	0	0.00	7.04	0
CO13760+	CO13712	16.69	16 1-	4ACSR	0	0	405	211	100	7	5	0.03	7.06	4
CO13761+	CO13760	16.83	13 1-	4ACSR	0	0	401	210	79	5	4	0.02	7.08	3
CO13743+	CO13761	16.93	2 1-	4ACSR	0	0	398	209	10	0	0	0.00	7.08	0
CO13742+	CO13743	16.96	1 1-	4ACSR	0	0	397	209	9	0	0	0.00	7.08	0
CO13762+	CO13761	16.96	11 1-	4ACSR	0	0	397	209	69	4	4	0.01	7.09	0
CO13763+	CO13762	17.04	10 1-	4ACSR	0	0	395	208	62	4	3	0.01	7.10	0
CO420891903+	CO13763	17.09	8 1-	2ACSR	0	0	394	208	60	4	2	0.00	7.10	0
CO-54596180+	CO420891903	17.12	7 1-	2ACSR	0	0	393	207	57	4	2	0.00	7.10	0
CO13768+	CO-54596180	17.13	7 1-	4ACSR	0	0	393	207	57	4	3	0.00	7.10	0
CO13769+	CO13768	17.19	6 1-	4ACSR	0	0	391	207	54	3	3	0.00	7.11	0
CO13770+	CO13769	17.25	5 1-	4ACSR	0	0	389	206	43	3	2	0.00	7.11	0
CO17097+	CO13770	17.52	0 1-	4ACSR	0	0	382	204	0	0	0	0.00	7.11	0
CO13993+	CO17097	17.72	0 1-	4ACSR	0	0	376	203	0	0	0	0.00	7.11	0
CO-26786578+	CO13770	17.27	4 1-	4ACSR	0	0	389	206	43	3	2	0.00	7.11	0
CO860588340+	CO-26786578	17.35	3 1-	4ACSR	0	0	387	206	32	2	2	0.00	7.12	0
CO14008+	CO860588340	17.40	3 1-	4ACSR	0	0	385	205	32	2	2	0.00	7.12	0
CO14009+	CO14008	17.47	2 1-	4ACSR	0	0	383	205	15	1	1	0.00	7.12	0
CO14010+	CO14009	17.52	2 1-	4ACSR	0	0	382	204	15	1	1	0.00	7.12	0
CO1661661154+	CO14010	17.59	1 1-	2ACSR	0	0	380	204	0	0	0	0.00	7.12	0
CO-2142403068+	CO1661661154	17.66	1 1-	2ACSR	0	0	379	203	0	0	0	0.00	7.12	0
CO-761002848+	CO-2142403068	17.72	1 1-	2ACSR	0	0	377	203	0	0	0	0.00	7.12	0
CO-575413345+	CO-26786578	17.35	1 1-	4ACSR	0	0	386	206	11	0	1	0.00	7.11	0
CO1725692363+	CO420891903	17.23	1 1-	2ACSR	0	0	391	207	3	0	0	0.00	7.10	0
CO13716+	CO13763	17.12	0 1-	4ACSR	0	0	393	207	0	0	0	0.00	7.10	0
CO13764+	CO13763	17.09	1 1-	4ACSR	0	0	393	208	1	0	0	0.00	7.10	0
CO13765+	CO13764	17.16	0 1-	4ACSR	0	0	391	207	0	0	0	0.00	7.10	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13766+	CO13765	17.22	0 1-	4ACSR	0	0	389	206	0	0	0	0.00	7.10	0
CO13767+	CO13766	17.31	0 1-	4ACSR	0	0	387	206	0	0	0	0.00	7.10	0
CO13751+	CO13714	16.27	2 1-	4ACSR	0	0	419	215	16	1	1	0.00	6.97	0
CO13750+	CO13751	16.34	1 1-	4ACSR	0	0	416	214	11	0	1	0.00	6.97	0
CO14132+	CO14100	15.63	1 1-	2ACSR	0	0	441	221	0	0	0	0.00	6.79	0
CO14133+	CO14132	15.69	1 1-	2ACSR	0	0	439	221	0	0	0	0.00	6.79	0
CO13953+	CO14100	15.61	1 1-	4ACSR	0	0	441	221	7	0	0	0.00	6.79	0
CO14025+	CO14061	15.42	3 1-	4ACSR	0	0	448	223	30	2	2	0.00	6.73	0
CO14026+	CO14025	15.46	3 1-	4ACSR	0	0	447	223	30	2	2	0.00	6.74	0
CO14062+	CO14026	15.50	2 1-	4ACSR	0	0	445	222	18	1	1	0.00	6.74	0
CO14105+	CO13904	15.11	4 1-	4ACSR	0	0	460	226	13	0	1	0.00	6.60	0
CO13952+	CO14105	15.15	1 1-	4ACSR	0	0	458	226	0	0	0	0.00	6.60	0
CO14098+	CO14105	15.19	2 1-	4ACSR	0	0	457	225	13	0	1	0.00	6.60	0
CO14099+	CO14098	15.24	1 1-	4ACSR	0	0	455	225	0	0	0	0.00	6.60	0
CO14024+	CO14099	15.30	1 1-	4ACSR	0	0	452	224	0	0	0	0.00	6.60	0
CO14106+	CO14105	15.19	1 1-	4ACSR	0	0	457	225	0	0	0	0.00	6.60	0
CO13954+	CO13915	14.77	1 1-	4ACSR	0	0	474	230	11	0	1	0.00	6.41	0
CO13951+	CO13902	14.92	1 1-	4ACSR	0	0	467	228	11	0	1	0.00	6.39	0
CO13950+	CO14007	14.56	2 1-	4ACSR	0	0	482	232	21	1	1	0.00	6.29	0
CO13946+	CO14005	13.86	1 1-	4ACSR	0	0	513	239	7	0	0	0.00	5.87	0
CO13944+	CO13901	13.66	1 1-	4ACSR	0	0	519	240	13	0	1	0.00	5.84	0
CO14114+	CO13901	13.59	1 1-	4ACSR	0	0	522	241	8	0	0	0.00	5.84	0
OC399+	CO14114	13.59	1 1-	10 N FUSE	0	0	522	241	8	0	5	0.00	5.84	0
CO14115+	OC399	13.85	1 1-	4ACSR	0	0	510	238	8	0	0	0.00	5.84	0
CO14000+	CO14115	14.15	1 1-	4ACSR	0	0	496	235	8	0	0	0.00	5.85	0
CO14001+	CO14000	14.32	1 1-	4ACSR	0	0	489	233	8	0	0	0.00	5.85	0
CO17164+	CO14001	14.43	1 1-	4ACSR	0	0	484	232	8	0	0	0.00	5.85	0
CO14345+	CO17164	14.49	0 1-	4ACSR	0	0	482	231	0	0	0	0.00	5.85	0
CO14505+	CO14345	14.57	0 1-	4ACSR	0	0	478	230	0	0	0	0.00	5.85	0
CO14506+	CO14505	14.91	0 1-	4ACSR	0	0	464	227	0	0	0	0.00	5.85	0
CO14372+	CO14506	15.02	0 1-	4ACSR	0	0	460	226	0	0	0	0.00	5.85	0
CO14373+	CO14345	14.52	0 1-	4ACSR	0	0	480	231	0	0	0	0.00	5.85	0
CO14503+	CO17164	14.57	1 1-	4ACSR	0	0	478	230	8	0	0	0.00	5.85	0
CO14504+	CO14503	14.69	1 1-	4ACSR	0	0	473	229	8	0	0	0.00	5.85	0
CO14502+	CO14504	14.73	1 1-	4ACSR	0	0	472	229	8	0	0	0.00	5.85	0
CO14501+	CO14502	14.80	1 1-	4ACSR	0	0	469	228	8	0	0	0.00	5.85	0
CO14500+	CO14501	14.84	1 1-	4ACSR	0	0	467	228	8	0	0	0.00	5.86	0
CO14499+	CO14500	14.91	1 1-	4ACSR	0	0	464	227	8	0	0	0.00	5.86	0
CO14498+	CO14499	14.96	1 1-	4ACSR	0	0	462	226	8	0	0	0.00	5.86	0
CO13943+	CO13900	12.84	0 1-	4ACSR	0	0	547	246	0	0	0	0.00	5.73	0
CO13942+	CO13899	12.83	2 1-	4ACSR	0	0	547	246	4	0	0	0.00	5.72	0
CO13997+	CO13911	12.84	1 3-	4/0ACSR	717	680	549	246	0	0	0	0.00	5.71	0
CO13996+	CO13997	12.99	1 3-	4/0ACSR	712	675	544	245	0	0	0	0.00	5.71	0
CO13995+	CO13996	13.01	1 3-	4/0ACSR	711	674	544	245	0	0	0	0.00	5.71	0
CO17163+	CO13995	13.04	1 3-	4/0ACSR	711	674	543	245	0	0	0	0.00	5.71	0
CO14421+	CO17163	13.15	1 3-	4/0ACSR	707	670	540	245	0	0	0	0.00	5.71	0
CO14532+	CO14421	13.16	1 1-	4ACSR	0	0	540	245	0	0	0	0.00	5.71	0
OC415+	CO14532	13.16	1 1-	10 N FUSE	0	0	540	245	0	0	0	0.00	5.71	0
CO14533+	OC415	13.20	1 1-	4ACSR	0	0	538	244	0	0	0	0.00	5.71	0
CO14422+	CO14533	13.33	0 1-	4ACSR	0	0	531	243	0	0	0	0.00	5.71	0
CO14344+	CO14422	13.50	0 1-	4ACSR	0	0	523	241	0	0	0	0.00	5.71	0
CO14423+	CO14344	13.60	0 1-	4ACSR	0	0	518	240	0	0	0	0.00	5.71	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14424+	CO14423	13.68	0 1-	4ACSR	0	0	514	239	0	0	0	0.00	5.71	0
CO14419+	CO14344	13.58	0 1-	4ACSR	0	0	519	240	0	0	0	0.00	5.71	0
CO14420+	CO14419	13.71	0 1-	4ACSR	0	0	513	238	0	0	0	0.00	5.71	0
CO14371+	CO14422	13.43	0 1-	4ACSR	0	0	526	242	0	0	0	0.00	5.71	0
CO14418+	CO14421	13.35	0 3-	4/0ACSR	701	664	535	244	0	0	0	0.00	5.71	0
CO14417+	CO14418	13.47	0 3-	4/0ACSR	697	661	532	244	0	0	0	0.00	5.71	0
CO14016+	CO13912	12.68	1 1-	4ACSR	0	0	551	246	1	0	0	0.00	5.69	0
CO14017+	CO14016	12.75	0 1-	4ACSR	0	0	547	245	0	0	0	0.00	5.69	0
CO14014+	CO13912	12.69	3 1-	4ACSR	0	0	551	246	19	1	1	0.00	5.69	0
CO14015+	CO14014	12.74	0 1-	4ACSR	0	0	548	245	0	0	0	0.00	5.69	0
CO13918+	CO13969	12.07	1 1-	4ACSR	0	0	574	250	7	0	0	0.00	5.59	0
NEWCAP-FDD0C40A+	CO13971	11.34	0 3-	Capacitor	786	745	606	256	0	-6	0	0.00	5.46	0
CO13925+	CO14058	11.16	0 1-	4ACSR	0	0	613	257	0	0	0	0.00	5.42	0
CO14044+	CO14058	11.21	0 1-	4ACSR	0	0	610	256	0	0	0	0.00	5.42	0
CO14045+	CO14044	11.29	0 1-	4ACSR	0	0	604	255	0	0	0	0.00	5.42	0
CO11565+	CO11557	9.49	1 1-	4ACSR	0	0	695	268	5	0	0	0.00	5.09	0
CO11587+	CO11565	9.51	1 1-	4ACSR	0	0	694	268	5	0	0	0.00	5.09	0
CO11651+	CO11696	8.95	3 1-	4ACSR	0	0	726	272	16	1	1	0.00	4.90	0
CO11652+	CO11651	8.99	1 1-	4ACSR	0	0	723	271	13	0	1	0.00	4.90	0
CO11644+	CO11652	9.03	1 1-	4ACSR	0	0	720	271	13	0	1	0.00	4.90	0
#SW324-B+	CO11695	8.85	0 1-	Open	0	0	736	273	0	0	0	0.00	4.89	0
CO11734+	CO11709	8.54	1 1-	4ACSR	0	0	755	275	0	0	0	0.00	4.76	0
CO11798+	CO11734	8.57	1 1-	4ACSR	0	0	753	275	0	0	0	0.00	4.76	0
CO11797+	CO11798	8.70	1 1-	4ACSR	0	0	740	273	0	0	0	0.00	4.76	0
CO11722+	CO11769	8.14	1 1-	4ACSR	0	0	783	278	1	0	0	0.00	4.60	0
CO11723+	CO11738	7.94	1 1-	4ACSR	0	0	797	279	0	0	0	0.00	4.49	0
CO11732+	CO11737	7.55	1 1-	2ACSR	0	0	832	283	5	0	0	0.00	4.38	0
OH338+	CO11764	7.41	33 1-	1/0ACSR	0	0	845	285	130	9	4	0.04	4.23	8
XFMR339	OH338	7.41	33 1-	167 KVA 1PH AUT	0	0	587	164	130	9	79	0.50	4.73	0
OC327	XFMR339	7.41	33 1-	15 H OCR	0	0	587	164	130	18	122	0.00	4.73	0
CO11800	OC327	7.46	33 1-	6ACWC	0	0	582	164	130	18	13	0.04	4.77	10
CO11777	CO11800	7.57	32 1-	6ACWC	0	0	572	163	130	18	13	0.09	4.86	19
CO11776	CO11777	7.59	31 1-	6ACWC	0	0	571	163	126	17	13	0.01	4.88	3
CO11775	CO11776	7.71	31 1-	6ACWC	0	0	560	161	126	17	13	0.10	4.97	20
CO11746	CO11775	7.83	31 1-	6ACWC	0	0	550	160	126	17	13	0.09	5.06	17
CO-674041306	CO11746	7.96	2 1-	1/0PRIURD	0	0	543	322	13	1	1	0.00	5.06	0
CO11745	CO11746	7.93	28 1-	6ACWC	0	0	542	159	101	14	10	0.06	5.12	10
CO17215	CO11745	8.19	2 1-	6ACWC	0	0	521	157	3	0	0	0.01	5.13	0
CO14673	CO17215	8.23	0 1-	6ACWC	0	0	518	156	0	0	0	0.00	5.13	0
CO11784	CO17215	8.40	2 1-	4ACSR	0	0	505	155	3	0	0	0.00	5.13	0
CO11730	CO11784	8.43	1 1-	4ACSR	0	0	502	154	1	0	0	0.00	5.13	0
CO11747	CO11745	7.97	24 1-	6ACWC	0	0	539	159	92	12	9	0.02	5.14	3
CO17228	CO11747	8.17	23 1-	6ACWC	0	0	523	157	91	12	9	0.11	5.26	17
CO17171	CO17228	8.22	1 1-	4ACSR	0	0	518	156	5	0	1	0.00	5.26	0
CO16313	CO17171	8.36	1 1-	4ACSR	0	0	507	155	5	0	1	0.00	5.26	0
CO17170	CO17228	8.30	20 1-	6ACWC	0	0	512	156	85	11	9	0.07	5.33	10
CO16314	CO17170	8.42	18 1-	6ACWC	0	0	503	155	83	11	8	0.06	5.39	9
CO16458	CO16314	8.46	17 1-	6ACWC	0	0	500	154	82	11	8	0.02	5.41	3
CO16459	CO16458	8.54	15 1-	6ACWC	0	0	495	154	77	10	8	0.04	5.45	5
CO16315	CO16459	8.69	15 1-	6ACWC	0	0	484	152	77	10	8	0.07	5.52	9
CO16316	CO16315	8.72	15 1-	6ACWC	0	0	481	152	77	10	8	0.02	5.54	2
CO16317	CO16316	8.99	15 1-	6ACWC	0	0	462	149	77	10	8	0.13	5.67	16

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16268	CO16317	9.10	6 1-	6ACWC	0	0	455	149	36	5	4	0.02	5.69	0
CO16287	CO16268	9.18	1 1-	6ACWC	0	0	450	148	0	0	0	0.00	5.69	0
CO16269	CO16268	9.25	4 1-	6ACWC	0	0	445	147	26	3	3	0.02	5.71	0
CO16270	CO16269	9.29	4 1-	6ACWC	0	0	443	147	26	3	3	0.01	5.72	0
CO16472	CO16270	9.49	1 1-	1/0PRIURD	0	0	435	271	7	0	1	0.00	5.72	0
CO16325	CO16270	9.41	1 1-	6ACWC	0	0	436	146	4	0	0	0.00	5.72	0
CO16326	CO16325	9.45	1 1-	6ACWC	0	0	433	146	4	0	0	0.00	5.72	0
CO16286	CO16270	9.37	2 1-	6ACWC	0	0	438	146	14	2	1	0.00	5.72	0
CO16271	CO16317	9.07	7 1-	6ACWC	0	0	457	149	27	3	3	0.01	5.68	0
CO16289	CO16271	9.14	2 1-	6ACWC	0	0	452	148	3	0	0	0.00	5.68	0
CO16318	CO16271	9.20	3 1-	6ACWC	0	0	449	148	10	1	1	0.01	5.68	0
CO16319	CO16318	9.48	3 1-	6ACWC	0	0	431	145	10	1	1	0.02	5.70	0
CO16323	CO16319	9.70	1 1-	6ACWC	0	0	418	144	0	0	0	0.00	5.70	0
CO16324	CO16323	9.73	1 1-	6ACWC	0	0	416	143	0	0	0	0.00	5.70	0
CO16320	CO16319	9.64	2 1-	6ACWC	0	0	421	144	10	1	1	0.01	5.71	0
CO16321	CO16320	9.76	1 1-	6ACWC	0	0	415	143	4	0	0	0.00	5.71	0
CO16322	CO16321	9.83	1 1-	6ACWC	0	0	410	143	4	0	0	0.00	5.71	0
CO16288	CO16317	9.07	1 1-	6ACWC	0	0	457	149	14	1	1	0.00	5.67	0
CO16285	CO16315	8.72	0 1-	6ACWC	0	0	482	152	0	0	0	0.00	5.52	0
CO14358	CO17228	8.22	2 1-	4ACSR	0	0	518	156	0	0	0	0.00	5.26	0
CO11703+	CO11702	6.16	25 3-	1/0ACSR	1188	1127	970	295	137	3	1	0.00	3.76	0
CO11719+	CO11703	6.29	1 1-	4ACSR	0	0	949	293	2	0	0	0.00	3.76	0
CO11704+	CO11703	6.25	21 1-	4ACSR	0	0	955	294	114	7	6	0.02	3.77	3
CO11728+	CO11704	6.34	1 1-	4ACSR	0	0	941	292	4	0	0	0.00	3.77	0
CO11705+	CO11704	6.32	19 1-	4ACSR	0	0	944	293	102	7	5	0.01	3.79	0
CO11706+	CO11705	6.41	16 1-	4ACSR	0	0	931	291	82	5	4	0.01	3.80	0
CO11792+	CO11706	6.47	2 1-	4ACSR	0	0	923	290	7	0	0	0.00	3.80	0
CO11791+	CO11792	6.49	2 1-	4ACSR	0	0	919	290	7	0	0	0.00	3.80	0
CO11707+	CO11706	6.54	14 1-	4ACSR	0	0	912	289	75	5	4	0.02	3.81	0
CO11716+	CO11707	6.58	1 1-	4ACSR	0	0	906	288	1	0	0	0.00	3.81	0
CO11749+	CO11707	6.62	2 1-	4ACSR	0	0	900	288	25	1	1	0.00	3.81	0
CO11748+	CO11749	6.65	1 1-	4ACSR	0	0	897	287	11	0	1	0.00	3.81	0
CO11717+	CO11748	6.71	0 1-	4ACSR	0	0	888	286	0	0	0	0.00	3.81	0
CO11735+	CO11748	6.76	1 1-	4ACSR	0	0	881	286	11	0	1	0.00	3.82	0
CO11731+	CO11735	6.84	1 1-	2ACSR	0	0	872	285	11	0	0	0.00	3.82	0
CO11736+	CO11735	6.85	0 1-	4ACSR	0	0	868	284	0	0	0	0.00	3.82	0
CO11753+	CO11707	6.65	11 1-	4ACSR	0	0	897	287	50	3	2	0.01	3.82	0
CO11752+	CO11753	6.66	9 1-	4ACSR	0	0	895	287	45	3	2	0.00	3.82	0
CO11750+	CO11752	6.70	9 1-	4ACSR	0	0	889	287	45	3	2	0.00	3.82	0
CO11751+	CO11750	6.75	7 1-	4ACSR	0	0	883	286	42	2	2	0.00	3.83	0
CO11715+	CO11751	6.81	2 1-	4ACSR	0	0	875	285	5	0	0	0.00	3.83	0
CO11786+	CO11751	6.77	4 1-	4ACSR	0	0	880	286	19	1	1	0.00	3.83	0
CO11790+	CO11786	6.79	4 1-	4ACSR	0	0	877	285	19	1	1	0.00	3.83	0
CO11729+	CO11790	6.84	1 1-	4ACSR	0	0	871	284	13	0	1	0.00	3.83	0
CO11789+	CO11790	6.83	3 1-	4ACSR	0	0	872	285	6	0	0	0.00	3.83	0
CO11787+	CO11789	6.96	3 1-	4ACSR	0	0	855	283	6	0	0	0.00	3.83	0
CO11788+	CO11787	6.99	3 1-	4ACSR	0	0	850	282	6	0	0	0.00	3.83	0
CO11794+	CO11705	6.48	3 1-	4ACSR	0	0	921	290	21	1	1	0.00	3.79	0
CO11793+	CO11794	6.52	0 1-	4ACSR	0	0	914	289	0	0	0	0.00	3.79	0
CO11718+	CO11704	6.34	1 1-	4ACSR	0	0	941	292	8	0	0	0.00	3.78	0
CO11796+	CO11703	6.28	3 1-	4ACSR	0	0	950	293	20	1	1	0.00	3.76	0
CO11795+	CO11796	6.34	2 1-	4ACSR	0	0	942	292	13	0	1	0.00	3.76	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14705+	CO14621	5.46	2 1-	4ACSR	0	0	1052	301	4	0	0	0.00	3.50	0
OC423+	CO14705	5.46	2 1-	10 N FUSE	0	0	1052	301	4	0	3	0.00	3.50	0
CO14706+	OC423	5.54	2 1-	4ACSR	0	0	1037	300	4	0	0	0.00	3.50	0
CO14665+	CO14706	5.60	1 1-	4ACSR	0	0	1026	299	0	0	0	0.00	3.50	0
CO14663+	CO14665	5.88	1 1-	4ACSR	0	0	978	294	0	0	0	0.00	3.50	0
CO14664+	CO14663	6.17	1 1-	4ACSR	0	0	933	290	0	0	0	0.00	3.50	0
CO14589+	CO14621	5.55	2 1-	4ACSR	0	0	1036	300	9	0	0	0.00	3.50	0
CO14575+	CO14561	4.69	1 1-	4ACSR	0	0	1162	308	3	0	0	0.00	3.01	0
CO14701+	CO14659	4.53	1 1-	4ACSR	0	0	1193	311	10	0	0	0.00	2.98	0
OC421+	CO14701	4.53	1 1-	10 N FUSE	0	0	1193	311	10	0	7	0.00	2.98	0
CO14702+	OC421	4.55	1 1-	4ACSR	0	0	1188	310	10	0	0	0.00	2.98	0
CO14628+	CO14702	4.69	1 1-	4ACSR	0	0	1158	308	10	0	0	0.00	2.98	0
CO14562+	CO14628	4.86	1 1-	4ACSR	0	0	1121	305	10	0	0	0.00	2.98	0
CO14711+	CO14562	4.86	0 1-	4ACSR	0	0	1120	305	0	0	0	0.00	2.98	0
CO14584+	CO14562	4.95	1 1-	4ACSR	0	0	1101	303	10	0	0	0.00	2.98	0
CO14585+	CO14628	4.78	0 1-	4ACSR	0	0	1137	306	0	0	0	0.00	2.98	0
CO14674+	CO14659	4.57	2 1-	4ACSR	0	0	1185	310	8	0	0	0.00	2.98	0
CO14676+	CO14674	4.62	0 1-	4ACSR	0	0	1172	309	0	0	0	0.00	2.98	0
CO14675+	CO14676	4.69	0 1-	4ACSR	0	0	1157	308	0	0	0	0.00	2.98	0
CO14692+	CO14647	3.83	2 1-	4ACSR	0	0	1319	317	12	0	1	0.00	2.63	0
CO14694+	CO14692	3.84	2 1-	4ACSR	0	0	1314	317	12	0	1	0.00	2.63	0
CO14693+	CO14694	3.86	2 1-	4ACSR	0	0	1308	316	12	0	1	0.00	2.63	0
CO17238+	CO14719	3.31	8 1-	4ACSR	0	0	1423	321	48	3	2	0.00	2.32	0
CO14771+	CO17238	3.33	8 1-	4ACSR	0	0	1417	321	48	3	2	0.00	2.32	0
CO14775+	CO14771	3.38	5 1-	4ACSR	0	0	1401	320	31	2	2	0.00	2.32	0
CO17239+	CO14775	3.46	3 1-	4ACSR	0	0	1377	319	13	0	1	0.00	2.32	0
CO14651+	CO17239	3.50	1 1-	4ACSR	0	0	1366	318	4	0	0	0.00	2.32	0
CO14718+	CO14651	3.50	0 1-	4ACSR	0	0	1364	318	0	0	0	0.00	2.32	0
CO16916+	CO16840	2.56	3 2-	4ACSR	0	1737	1619	329	12	0	0	0.00	1.87	0
CO17242+	CO16916	2.65	2 2-	4ACSR	0	1702	1580	327	11	0	0	0.00	1.87	0
CO14770+	CO17242	2.73	1 2-	4ACSR	0	1676	1551	325	10	0	0	0.00	1.87	0
CO16846+	CO16848	2.23	2 3-	2ACSR	1898	1829	1723	332	548	12	7	0.01	1.67	8
CO16845+	CO16846	2.28	1 3-	2ACSR	1880	1811	1702	332	546	12	7	0.01	1.68	8
CO17241+	CO16845	2.47	1 3-	2ACSR	1823	1751	1634	329	546	12	7	0.03	1.71	26
CO14746+	CO17241	2.54	1 3-	1/0PRIURD	1817	1742	1617	723	546	12	8	0.01	1.71	6
300659019+	CO14746	2.54	1 3-	Consumer	1817	1742	1617	723	546	12	0	0.00	1.71	0
CO16766+	CO30674	1.68	1 1-	4ACSR	0	0	1919	338	7	0	0	0.00	1.23	0
CO16855+	CO30674	1.66	0 3-	1/0ACSR	2066	2012	1932	338	0	0	0	0.00	1.23	0
CO-167224953+	CO16726	1.50	1 1-	2ACSR	0	0	1990	339	3	0	0	0.00	1.00	0
CO16767+	CO16726	1.46	1 1-	4ACSR	0	0	2005	340	0	0	0	0.00	1.00	0
CO16768+	CO16856	1.28	0 1-	4ACSR	0	0	2088	342	0	0	0	0.00	0.86	0
CO16918+	CO30594	0.79	2 1-	4ACSR	0	0	2338	347	18	1	1	0.00	0.44	0
CO16917+	CO16918	0.84	2 1-	4ACSR	0	0	2301	346	18	1	1	0.00	0.45	0
CO-2138873066+	CO16917	0.88	1 1-	2ACSR	0	0	2282	345	10	0	0	0.00	0.45	0
CO299905296+	CO-2138873066	0.91	1 1-	2ACSR	0	0	2260	345	10	0	0	0.00	0.45	0
OH183+	OH181	0.02	168 3-	336ACSR	2652	2815	2799	354	825	18	4	0.00	0.00	0
PIQUA+	OH183	0.02	168 3-	560 200WVE	2652	2815	2799	354	825	18	3	0.00	0.00	0
OH186+	PIQUA	0.06	168 3-	336ACSR	2641	2795	2779	353	825	18	4	0.00	0.01	0
XFMR187	OH186	0.06	168 3-	3000 KVA 3PH AU	1444	1466	1463	178	825	18	27	0.39	0.39	0
CO25139	XFMR187	0.10	168 3-	4ACSR	1431	1445	1442	178	825	36	26	0.07	0.46	93
CO25039	CO25139	0.18	2 1-	4ACSR	0	0	1407	177	4	0	0	0.00	0.46	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25085	CO25139	0.14	165 3-	4ACSR	1421	1429	1425	177	817	36	26	0.05	0.52	74
CO25173	CO25085	0.20	165 3-	4ACSR	1406	1407	1401	177	817	36	26	0.08	0.59	102
CO25172	CO25173	0.30	164 3-	4ACSR	1374	1363	1352	175	809	36	26	0.15	0.74	203
CO25205	CO25172	0.31	3 1-	6ACWC	0	0	1349	175	7	0	1	0.00	0.74	0
OC754	CO25205	0.31	3 1-	10 N FUSE	0	0	1349	175	7	0	10	0.00	0.74	0
CO25206	OC754	0.43	3 1-	6ACWC	0	0	1297	174	7	0	1	0.00	0.75	0
CO30593	CO25206	0.51	2 1-	6ACWC	0	0	1260	173	6	0	1	0.00	0.75	0
CO14745	CO30593	0.73	1 1-	4ACSR	0	0	1170	171	1	0	0	0.00	0.75	0
CO14778	CO30593	0.96	0 1-	6ACWC	0	0	1085	168	0	0	0	0.00	0.75	0
CO14772	CO14778	1.27	0 1-	6ACWC	0	0	978	165	0	0	0	0.00	0.75	0
CO14736	CO14772	1.59	0 1-	6ACWC	0	0	888	162	0	0	0	0.00	0.75	0
CO14776	CO14772	1.32	0 1-	6ACWC	0	0	963	165	0	0	0	0.00	0.75	0
CO14777	CO14776	1.58	0 1-	6ACWC	0	0	890	162	0	0	0	0.00	0.75	0
CO25087	CO25172	0.35	159 3-	4ACSR	1360	1346	1330	175	783	35	25	0.07	0.81	85
CO25086	CO25087	0.54	159 3-	4ACSR	1302	1279	1247	173	783	35	25	0.26	1.07	340
CO25088	CO25086	0.65	158 3-	4ACSR	1268	1239	1202	172	771	34	25	0.15	1.22	190
CO30592	CO25088	1.07	158 3-	4ACSR	1139	1101	1042	167	770	34	25	0.57	1.79	729
CO14767	CO30592	1.12	156 3-	4ACSR	1123	1086	1024	167	759	34	25	0.07	1.86	90
CO14782	CO14767	1.13	1 1-	6ACWC	0	0	1022	166	13	1	1	0.00	1.86	0
OC434	CO14782	1.13	1 1-	10 N FUSE	0	0	1022	166	13	1	18	0.00	1.86	0
CO30591	OC434	1.43	1 1-	6ACWC	0	0	930	164	13	1	1	0.01	1.87	0
CO25089	CO30591	1.50	0 1-	6ACWC	0	0	910	163	0	0	0	0.00	1.87	0
CO25090	CO25089	1.69	0 1-	6ACWC	0	0	860	161	0	0	0	0.00	1.87	0
CO14725	CO14767	1.41	154 3-	4ACSR	1044	1008	935	164	745	33	24	0.38	2.23	469
CO14768	CO14725	1.50	143 3-	4ACSR	1019	984	908	163	695	31	23	0.12	2.35	136
CO14769	CO14768	1.63	142 3-	4ACSR	986	953	873	162	694	31	23	0.16	2.51	185
CO14739	CO14769	1.74	1 1-	4ACSR	0	0	844	160	10	1	1	0.00	2.51	0
CO14726	CO14769	1.70	141 3-	4ACSR	967	935	854	161	684	31	22	0.09	2.60	106
CO14784	CO14726	1.71	0 1-	4ACSR	0	0	852	161	0	0	0	0.00	2.60	0
CO14759	CO14726	1.75	140 3-	4ACSR	955	924	842	160	680	31	22	0.06	2.66	66
CO14760	CO14759	2.08	140 3-	4ACSR	881	853	767	157	679	31	22	0.40	3.06	459
CO30589	CO14760	2.18	140 3-	4ACSR	861	835	748	156	677	31	22	0.11	3.17	131
CO25178	CO30589	2.20	139 3-	4ACSR	855	829	742	156	671	30	22	0.03	3.21	37
CO30569	CO25178	2.23	139 3-	4ACSR	849	824	736	156	671	30	22	0.04	3.24	40
CO881716204	CO30569	2.27	138 3-	2ACSR	843	818	730	156	669	30	17	0.03	3.27	34
CO1898929209	CO881716204	2.31	137 3-	2ACSR	838	812	724	155	660	30	17	0.03	3.30	31
CO25179	CO1898929209	2.33	137 3-	4ACSR	834	809	721	155	660	30	22	0.02	3.32	23
CO25000	CO25179	2.35	130 3-	4ACSR	829	805	717	155	631	28	21	0.03	3.35	30
CO24981	CO25000	2.54	130 3-	4ACSR	795	773	684	153	630	28	21	0.21	3.56	218
CO25130	CO24981	2.59	11 1-	4ACSR	0	0	674	153	45	6	4	0.01	3.57	0
CO25129	CO25130	2.68	9 1-	4ACSR	0	0	660	152	34	4	3	0.02	3.59	0
CO25034	CO25129	2.69	4 1-	4ACSR	0	0	658	152	9	1	1	0.00	3.59	0
CO25192	CO25034	2.73	4 1-	4ACSR	0	0	652	152	9	1	1	0.00	3.59	0
CO25191	CO25192	2.79	3 1-	4ACSR	0	0	642	151	8	1	1	0.00	3.59	0
CO25190	CO25191	2.85	2 1-	4ACSR	0	0	634	151	8	1	1	0.00	3.59	0
CO25189	CO25190	2.93	1 1-	4ACSR	0	0	623	150	0	0	0	0.00	3.59	0
CO25099	CO25129	2.74	5 1-	4ACSR	0	0	651	152	25	3	2	0.01	3.59	0
CO25098	CO25099	2.83	4 1-	4ACSR	0	0	637	151	17	2	2	0.00	3.60	0
CO25059	CO24981	2.58	117 3-	4ACSR	787	765	676	153	568	26	19	0.05	3.60	47
CO25058	CO25059	2.63	117 3-	4ACSR	778	757	668	153	568	26	19	0.05	3.65	47
CO25193	CO25058	2.64	3 1-	4ACSR	0	0	667	152	10	1	1	0.00	3.65	0
OC755	CO25193	2.64	3 1-	10 N FUSE	0	0	667	152	10	1	13	0.00	3.65	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25194	OC755	3.11	3 1-	4ACSR	0	0	597	148	10	1	1	0.03	3.68	0
CO24982	CO25194	3.66	2 1-	4ACSR	0	0	532	144	7	0	1	0.02	3.70	0
CO25011	CO24982	3.79	1 1-	4ACSR	0	0	518	143	0	0	0	0.00	3.70	0
CO25009	CO24982	3.79	1 1-	4ACSR	0	0	518	143	7	0	1	0.00	3.71	0
CO25003	CO25194	3.20	1 1-	4ACSR	0	0	585	148	3	0	0	0.00	3.68	0
CO24983	CO25058	2.74	114 3-	4ACSR	759	739	650	152	558	25	18	0.11	3.77	108
CO25182	CO24983	2.78	4 1-	4ACSR	0	0	645	151	44	6	4	0.01	3.77	0
CO25181	CO25182	2.86	3 1-	4ACSR	0	0	633	151	31	4	3	0.01	3.79	0
CO25100	CO25181	2.98	1 1-	4ACSR	0	0	615	150	14	1	1	0.01	3.79	0
CO25010	CO25181	2.90	1 1-	4ACSR	0	0	627	150	5	0	1	0.00	3.79	0
CO25132	CO24983	2.91	110 3-	4ACSR	732	714	625	150	513	23	17	0.15	3.92	131
CO25131	CO25132	2.93	108 3-	4ACSR	729	711	623	150	508	23	17	0.02	3.93	15
CO25133	CO25131	2.94	108 3-	4ACSR	727	709	620	150	508	23	17	0.01	3.95	12
CO25006	CO25133	2.97	0 1-	4ACSR	0	0	616	150	0	0	0	0.00	3.95	0
CO25055	CO25133	2.97	107 3-	4ACSR	723	704	616	150	493	22	16	0.03	3.97	21
CO25147	CO25055	3.00	107 3-	4ACSR	717	700	611	149	493	22	16	0.03	4.00	25
CO25146	CO25147	3.06	107 3-	4ACSR	709	691	604	149	493	22	16	0.05	4.05	43
CO25148	CO25146	3.10	106 3-	4ACSR	703	686	598	148	488	22	16	0.04	4.09	30
CO24980	CO25148	3.15	103 3-	4ACSR	697	680	592	148	477	22	16	0.04	4.13	30
CO25057	CO24980	3.19	101 3-	4ACSR	690	674	587	148	466	21	15	0.04	4.16	29
CO25056	CO25057	3.55	99 3-	4ACSR	642	629	544	145	450	20	15	0.29	4.46	225
CO25002	CO25056	3.66	36 1-	2ACSR	0	0	534	144	201	27	16	0.10	4.55	31
CO25053	CO25002	3.72	3 1-	2ACSR	0	0	529	144	13	1	1	0.00	4.55	0
CO25068	CO25002	3.76	33 1-	4ACSR	0	0	524	144	189	26	19	0.11	4.67	35
CO25067	CO25068	3.84	31 1-	4ACSR	0	0	516	143	174	24	17	0.09	4.75	25
CO25199	CO25067	3.84	29 1-	4ACSR	0	0	515	143	169	23	17	0.01	4.76	0
OC752	CO25199	3.84	29 1-	50 H OCR	0	0	515	143	169	23	47	0.00	4.76	0
CO25200	OC752	3.93	29 1-	4ACSR	0	0	506	142	169	23	17	0.09	4.85	26
CO25022	CO25200	4.08	0 1-	4ACSR	0	0	492	141	0	0	0	0.00	4.85	0
CO24988	CO25200	4.08	29 1-	4ACSR	0	0	492	141	169	23	17	0.16	5.01	45
CO25021	CO24988	4.23	1 1-	4ACSR	0	0	479	140	6	0	1	0.00	5.02	0
CO24989	CO24988	4.25	28 1-	4ACSR	0	0	476	140	163	22	16	0.17	5.19	47
REG248	CO24989	4.25	28 1-	50	0	0	476	140	163	22	45	-5.19	0.00	0
CO25075	REG248	4.50	1 1-	4ACSR	0	0	456	138	0	0	0	0.00	0.00	0
CO25074	CO25075	4.63	1 1-	4ACSR	0	0	446	137	0	0	0	0.00	0.00	0
CO25027	CO25074	4.81	0 1-	4ACSR	0	0	432	136	0	0	0	0.00	0.00	0
CO25026	CO25074	4.70	1 1-	4ACSR	0	0	441	136	0	0	0	0.00	0.00	0
CO25069	REG248	4.52	27 1-	4ACSR	0	0	454	138	163	21	16	0.26	0.26	67
CO25158	CO25069	4.71	27 1-	4ACSR	0	0	440	136	162	21	16	0.18	0.44	47
CO25157	CO25158	5.07	26 1-	4ACSR	0	0	415	134	157	21	15	0.34	0.78	86
CO30434	CO25157	5.32	24 1-	4ACSR	0	0	398	132	145	19	14	0.22	1.00	52
CO25228	CO30434	5.52	22 1-	2ACSR	0	0	389	131	126	17	9	0.09	1.10	17
CO1805273055	CO25228	5.54	1 1-	2ACSR	0	0	388	131	0	0	0	0.00	1.10	0
CO-1420448144	CO25228	5.54	19 1-	2ACSR	0	0	388	131	104	14	8	0.01	1.11	0
CO25272	CO-1420448144	5.64	17 1-	4ACSR	0	0	383	131	101	13	10	0.06	1.16	9
CO25271	CO25272	5.75	17 1-	4ACSR	0	0	376	130	101	13	10	0.07	1.23	11
CO25273	CO25271	5.81	16 1-	4ACSR	0	0	373	129	93	12	9	0.03	1.26	5
CO25377	CO25273	5.95	0 1-	4ACSR	0	0	366	129	0	0	0	0.00	1.26	0
OC762	CO25377	5.95	0 1-	35 H OCR	0	0	366	129	0	0	0	0.00	1.26	0
CO25275	CO25273	6.04	16 1-	4ACSR	0	0	361	128	93	12	9	0.13	1.39	19
CO25277	CO25275	6.12	16 1-	4ACSR	0	0	357	128	93	12	9	0.04	1.43	6
CO25276	CO25277	6.19	15 1-	4ACSR	0	0	354	127	85	11	8	0.04	1.47	5

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25274	CO25276	6.27	14 1-	4ACSR	0	0	350	127	85	11	8	0.04	1.51	5
CO25289	CO25274	6.45	4 1-	4ACSR	0	0	341	125	11	1	1	0.01	1.52	0
CO25288	CO25289	6.62	4 1-	4ACSR	0	0	334	124	11	1	1	0.01	1.53	0
CO25231	CO25288	6.79	3 1-	4ACSR	0	0	327	123	5	0	1	0.00	1.54	0
CO25327	CO25231	6.88	2 1-	4ACSR	0	0	323	123	0	0	0	0.00	1.54	0
CO25329	CO25327	6.93	2 1-	4ACSR	0	0	321	123	0	0	0	0.00	1.54	0
CO25328	CO25329	7.25	2 1-	4ACSR	0	0	308	121	0	0	0	0.00	1.54	0
CO25374	CO25328	7.33	2 1-	4ACSR	0	0	305	120	0	0	0	0.00	1.54	0
CO25373	CO25374	7.37	2 1-	4ACSR	0	0	304	120	0	0	0	0.00	1.54	0
CO25326	CO25328	7.50	0 1-	4ACSR	0	0	299	119	0	0	0	0.00	1.54	0
CO25387	CO25326	7.91	0 1-	4ACSR	0	0	286	117	0	0	0	0.00	1.54	0
CO25388	CO25387	7.91	0 1-	4ACSR	0	0	285	117	0	0	0	0.00	1.54	0
CO25244	CO25288	6.74	1 1-	4ACSR	0	0	329	124	6	0	1	0.00	1.53	0
CO25389	CO25274	6.27	9 1-	4ACSR	0	0	350	127	69	9	7	0.00	1.51	0
OC761	CO25389	6.27	9 1-	15 H OCR	0	0	350	127	69	9	62	0.00	1.51	0
CO25390	OC761	6.45	9 1-	4ACSR	0	0	341	125	69	9	7	0.07	1.58	8
CO25279	CO25390	6.55	6 1-	4ACSR	0	0	337	125	54	7	5	0.03	1.62	3
CO25278	CO25279	6.74	5 1-	4ACSR	0	0	329	124	47	6	5	0.05	1.67	4
CO25229	CO25278	7.05	4 1-	4ACSR	0	0	316	122	39	5	4	0.08	1.74	5
CO25230	CO25229	7.37	4 1-	4ACSR	0	0	304	120	39	5	4	0.07	1.82	5
CO25285	CO25230	7.71	4 1-	4ACSR	0	0	292	118	39	5	4	0.07	1.89	4
CO25287	CO25285	7.80	3 1-	4ACSR	0	0	289	118	28	3	3	0.02	1.90	0
CO25376	CO25287	7.88	1 1-	2ACSR	0	0	287	117	10	1	1	0.00	1.91	0
CO25375	CO25376	7.95	1 1-	2ACSR	0	0	285	117	10	1	1	0.00	1.91	0
CO25286	CO25287	7.85	2 1-	4ACSR	0	0	288	118	18	2	2	0.00	1.91	0
CO25284	CO25286	7.91	1 1-	4ACSR	0	0	286	117	14	1	1	0.01	1.91	0
CO25282	CO25284	8.00	1 1-	4ACSR	0	0	283	117	14	1	1	0.01	1.92	0
CO1764112850	CO25282	8.05	1 1-	2ACSR	0	0	282	117	14	1	1	0.00	1.92	0
CO-576130715	CO1764112850	8.10	0 1-	2ACSR	0	0	280	116	0	0	0	0.00	1.92	0
CO1059378403	CO1764112850	8.16	1 1-	2ACSR	0	0	279	116	14	1	1	0.00	1.93	0
CO25280	CO25230	7.94	0 1-	4ACSR	0	0	285	117	0	0	0	0.00	1.82	0
CO25281	CO25280	8.00	0 1-	4ACSR	0	0	283	117	0	0	0	0.00	1.82	0
CO25385	CO25281	8.08	0 1-	4ACSR	0	0	280	116	0	0	0	0.00	1.82	0
CO25386	CO25385	8.09	0 1-	4ACSR	0	0	280	116	0	0	0	0.00	1.82	0
CO25242	CO25229	7.15	0 1-	4ACSR	0	0	312	121	0	0	0	0.00	1.74	0
CO25243	CO25278	6.83	1 1-	4ACSR	0	0	325	123	8	1	1	0.00	1.67	0
CO25351	CO25390	6.53	3 1-	4ACSR	0	0	338	125	14	1	1	0.01	1.59	0
CO25353	CO25351	6.60	3 1-	4ACSR	0	0	335	125	14	1	1	0.00	1.60	0
CO25352	CO25353	6.66	2 1-	4ACSR	0	0	332	124	4	0	0	0.00	1.60	0
CO25240	CO-1420448144	5.81	2 1-	4ACSR	0	0	373	129	3	0	0	0.00	1.11	0
CO-1550936185	CO25240	5.86	1 1-	2ACSR	0	0	371	129	1	0	0	0.00	1.11	0
CO25349	CO30434	5.46	2 1-	4ACSR	0	0	390	131	18	2	2	0.01	1.02	0
CO30344	CO25349	5.60	0 1-	4ACSR	0	0	382	130	0	0	0	0.00	1.02	0
CO25350	CO25349	5.53	1 1-	4ACSR	0	0	386	131	13	1	1	0.00	1.02	0
CO25112	CO25157	5.18	2 1-	4ACSR	0	0	407	133	12	1	1	0.01	0.79	0
CO25020	CO25112	5.26	1 1-	4ACSR	0	0	402	133	3	0	0	0.00	0.79	0
CO25111	CO25112	5.25	1 1-	4ACSR	0	0	403	133	10	1	1	0.00	0.79	0
CO25023	CO25067	3.94	2 1-	4ACSR	0	0	505	142	5	0	0	0.00	4.75	0
CO25025	CO25068	3.89	0 1-	4ACSR	0	0	510	142	0	0	0	0.00	4.67	0
CO25024	CO25068	3.80	2 1-	4ACSR	0	0	519	143	14	1	1	0.00	4.67	0
CO25198	CO25002	3.67	0 1-	4ACSR	0	0	533	144	0	0	0	0.00	4.55	0
CO25001	CO25056	3.68	63 3-	4ACSR	626	614	529	144	248	11	8	0.06	4.52	25

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OH370	CO25001	3.81	15 1-	4ACSR	0	0	516	143	82	11	8	0.06	4.58	9
CO25107	OH370	3.87	15 1-	4ACSR	0	0	510	142	82	11	8	0.03	4.61	5
CO25106	CO25107	3.93	15 1-	4ACSR	0	0	504	142	82	11	8	0.03	4.64	4
CO25108	CO25106	4.02	15 1-	4ACSR	0	0	495	141	82	11	8	0.05	4.69	7
CO25104	CO25108	4.08	15 1-	4ACSR	0	0	490	141	82	11	8	0.03	4.72	4
CO25126	CO25104	4.16	1 1-	2ACSR	0	0	484	140	13	1	1	0.00	4.72	0
CO25125	CO25126	4.22	1 1-	2ACSR	0	0	480	140	13	1	1	0.00	4.72	0
CO25105	CO25104	4.15	14 1-	4ACSR	0	0	484	140	69	9	7	0.03	4.75	3
CO25072	CO25105	4.24	13 1-	4ACSR	0	0	475	140	58	8	6	0.03	4.78	3
CO25073	CO25072	4.41	13 1-	4ACSR	0	0	461	138	58	8	6	0.06	4.84	6
CO25071	CO25073	4.51	13 1-	4ACSR	0	0	453	138	58	8	6	0.03	4.88	3
CO25016	CO25071	4.58	0 1-	4ACSR	0	0	447	137	0	0	0	0.00	4.88	0
CO25110	CO25071	4.58	0 1-	4ACSR	0	0	447	137	0	0	0	0.00	4.88	0
CO25128	CO25110	4.64	0 1-	2ACSR	0	0	444	137	0	0	0	0.00	4.88	0
CO25127	CO25128	4.74	0 1-	2ACSR	0	0	439	136	0	0	0	0.00	4.88	0
CO25109	CO25110	4.65	0 1-	4ACSR	0	0	442	137	0	0	0	0.00	4.88	0
CO24992	CO25071	4.63	13 1-	4ACSR	0	0	444	137	58	8	6	0.04	4.92	4
CO24991	CO24992	4.74	9 1-	4ACSR	0	0	435	136	52	7	5	0.04	4.96	3
CO25159	CO24991	4.83	8 1-	4ACSR	0	0	429	135	46	6	5	0.02	4.98	0
CO25160	CO25159	4.88	8 1-	4ACSR	0	0	426	135	46	6	5	0.01	4.99	0
CO25070	CO25160	4.99	7 1-	4ACSR	0	0	418	134	34	4	3	0.02	5.01	0
CO24990	CO25070	5.20	3 1-	4ACSR	0	0	404	133	18	2	2	0.01	5.02	0
CO25019	CO25070	5.16	0 1-	4ACSR	0	0	407	133	0	0	0	0.00	5.01	0
CO25018	CO25070	5.12	2 1-	4ACSR	0	0	409	133	5	0	1	0.00	5.01	0
CO25017	CO24991	4.83	1 1-	4ACSR	0	0	429	135	7	0	1	0.00	4.96	0
CO25103	CO24992	4.66	3 1-	4ACSR	0	0	441	137	6	0	1	0.00	4.92	0
CO25184	CO25103	4.80	1 1-	4ACSR	0	0	431	136	0	0	0	0.00	4.92	0
CO25183	CO25184	4.85	0 1-	4ACSR	0	0	428	135	0	0	0	0.00	4.92	0
CO25014	CO25103	4.83	2 1-	4ACSR	0	0	429	135	6	0	1	0.00	4.92	0
CO25015	CO25105	4.18	1 1-	4ACSR	0	0	481	140	11	1	1	0.00	4.75	0
CO25195	CO25001	3.69	0 1-	4ACSR	0	0	528	144	0	0	0	0.00	4.52	0
CO25060	CO25001	3.93	48 3-	4ACSR	598	587	504	142	166	7	5	0.07	4.59	21
CO25152	CO25060	3.99	48 3-	4ACSR	591	580	498	141	166	7	5	0.02	4.61	6
CO25151	CO25152	4.20	48 3-	4ACSR	569	560	479	140	166	7	5	0.06	4.67	18
CO25150	CO25151	4.25	48 3-	4ACSR	565	555	475	140	166	7	5	0.01	4.69	4
CO25149	CO25150	4.35	47 3-	4ACSR	554	546	466	139	165	7	5	0.03	4.72	9
CO25061	CO25149	4.45	38 1-	4ACSR	0	0	458	138	114	15	11	0.07	4.78	13
CO25154	CO25061	4.53	38 1-	4ACSR	0	0	452	137	114	15	11	0.06	4.84	11
CO25153	CO25154	4.54	37 1-	4ACSR	0	0	451	137	113	15	11	0.01	4.85	0
CO25208	CO25153	4.55	37 1-	4ACSR	0	0	450	137	113	15	11	0.00	4.86	0
SW757-B	CO25208	4.55	0 1-	Open	0	0	450	137	0	0	0	0.00	4.86	0
SW757-A	CO25208	4.55	0 1-	Open	0	0	450	137	0	0	0	0.00	4.86	0
CO25207	CO25208	4.94	37 1-	4ACSR	0	0	422	135	113	15	11	0.27	5.13	51
CO25161	CO25207	5.06	37 1-	4ACSR	0	0	413	134	113	15	11	0.09	5.22	17
CO25210	CO25161	5.40	36 1-	4ACSR	0	0	392	131	109	15	11	0.23	5.44	41
SW758-B	CO25210	5.40	36 1-	Closed	0	0	392	131	109	15	0	0.00	5.44	0
SW758-A	SW758-B	5.40	36 1-	Closed	0	0	392	131	109	15	0	0.00	5.44	0
CO25209	SW758-A	5.41	36 1-	4ACSR	0	0	392	131	109	15	11	0.00	5.45	0
CO24995	CO25209	5.48	14 1-	4ACSR	0	0	387	131	42	5	4	0.02	5.47	0
CO30348	CO24995	5.67	11 1-	4ACSR	0	0	376	130	35	4	4	0.04	5.51	2
CO25213	CO30348	5.75	2 1-	4ACSR	0	0	372	129	6	0	1	0.00	5.51	0
CO25212	CO30348	5.91	9 1-	4ACSR	0	0	364	128	29	4	3	0.04	5.55	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25223	CO25212	6.16	3 1-	4ACSR	0	0	351	127	6	0	1	0.01	5.55	0
CO25222	CO25223	6.22	2 1-	4ACSR	0	0	349	126	2	0	0	0.00	5.55	0
CO25216	CO25222	6.39	0 1-	4ACSR	0	0	341	125	0	0	0	0.00	5.55	0
CO25215	CO25222	6.29	1 1-	4ACSR	0	0	345	126	1	0	0	0.00	5.55	0
CO25214	CO25222	6.25	1 1-	4ACSR	0	0	347	126	1	0	0	0.00	5.55	0
CO25211	CO25212	6.03	5 1-	4ACSR	0	0	358	127	17	2	2	0.01	5.56	0
CO25218	CO25211	6.13	3 1-	4ACSR	0	0	353	127	8	1	1	0.00	5.56	0
CO25221	CO25218	6.24	2 1-	4ACSR	0	0	347	126	5	0	1	0.00	5.56	0
CO25219	CO25221	6.34	2 1-	4ACSR	0	0	343	126	5	0	1	0.00	5.57	0
CO25220	CO25219	6.50	1 1-	4ACSR	0	0	336	125	1	0	0	0.00	5.57	0
CO25217	CO25211	6.07	1 1-	4ACSR	0	0	355	127	0	0	0	0.00	5.56	0
CO25032	CO24995	5.61	2 1-	4ACSR	0	0	380	130	7	0	1	0.00	5.47	0
CO25033	CO25209	5.43	1 1-	4ACSR	0	0	390	131	11	1	1	0.00	5.45	0
CO24994	CO25209	5.70	21 1-	4ACSR	0	0	375	130	56	7	6	0.10	5.55	10
CO25031	CO24994	5.89	1 1-	4ACSR	0	0	365	128	3	0	0	0.00	5.55	0
CO24993	CO24994	5.82	20 1-	4ACSR	0	0	368	129	53	7	5	0.04	5.59	4
CO25029	CO24993	5.94	2 1-	4ACSR	0	0	362	128	3	0	0	0.00	5.59	0
CO25134	CO24993	5.90	17 1-	4ACSR	0	0	364	128	47	6	5	0.02	5.62	0
CO25135	CO25134	6.16	17 1-	4ACSR	0	0	351	127	47	6	5	0.07	5.69	6
CO25028	CO25135	6.23	2 1-	4ACSR	0	0	348	126	12	1	1	0.00	5.69	0
CO1152467999	CO25028	6.27	1 1-	2ACSR	0	0	347	126	0	0	0	0.00	5.69	0
CO30341	CO25135	6.37	13 1-	4ACSR	0	0	341	125	30	4	3	0.04	5.73	0
CO25266	CO30341	6.71	12 1-	4ACSR	0	0	326	123	25	3	2	0.05	5.77	0
CO25267	CO25266	6.78	11 1-	4ACSR	0	0	324	123	18	2	2	0.01	5.78	0
CO25343	CO25267	6.87	2 1-	4ACSR	0	0	320	122	3	0	0	0.00	5.78	0
CO25342	CO25343	6.92	1 1-	4ACSR	0	0	318	122	2	0	0	0.00	5.78	0
CO25226	CO25267	6.97	8 1-	4ACSR	0	0	316	122	16	2	2	0.02	5.80	0
CO25345	CO25226	7.00	1 1-	4ACSR	0	0	315	122	1	0	0	0.00	5.80	0
CO25344	CO25345	7.02	1 1-	4ACSR	0	0	314	122	1	0	0	0.00	5.80	0
CO25270	CO25226	7.08	7 1-	4ACSR	0	0	312	121	15	2	2	0.01	5.81	0
CO25268	CO25270	7.12	5 1-	4ACSR	0	0	310	121	13	1	1	0.00	5.81	0
CO25269	CO25268	7.18	3 1-	4ACSR	0	0	308	121	9	1	1	0.00	5.81	0
CO25241	CO25269	7.38	1 1-	4ACSR	0	0	301	120	3	0	0	0.00	5.82	0
CO25227	CO25269	7.33	2 1-	4ACSR	0	0	303	120	7	0	1	0.01	5.82	0
CO25263	CO25227	7.37	1 1-	4ACSR	0	0	301	120	2	0	0	0.00	5.82	0
CO25265	CO25263	7.43	1 1-	4ACSR	0	0	299	119	2	0	0	0.00	5.82	0
CO25264	CO25265	7.55	0 1-	4ACSR	0	0	295	119	0	0	0	0.00	5.82	0
CO25378	CO25264	7.65	0 1-	4ACSR	0	0	291	118	0	0	0	0.00	5.82	0
CO25346	CO25227	7.38	1 1-	4ACSR	0	0	301	120	5	0	0	0.00	5.82	0
CO25348	CO25346	7.44	1 1-	4ACSR	0	0	299	119	5	0	0	0.00	5.82	0
CO25347	CO25348	7.51	1 1-	4ACSR	0	0	296	119	5	0	0	0.00	5.83	0
CO25341	CO30341	6.48	1 1-	4ACSR	0	0	336	125	5	0	1	0.00	5.73	0
CO30345	CO25341	6.55	1 1-	4ACSR	0	0	333	124	5	0	1	0.00	5.73	0
CO25030	CO24993	5.90	1 1-	4ACSR	0	0	364	128	3	0	0	0.00	5.59	0
CO24984	CO25149	4.64	9 3-	4ACSR	528	521	443	137	51	2	2	0.03	4.74	2
CO24985	CO24984	4.83	7 3-	4ACSR	512	506	430	135	44	2	1	0.01	4.76	0
CO25201	CO24985	4.83	4 1-	4ACSR	0	0	429	135	34	4	3	0.00	4.76	0
OC756	CO25201	4.83	4 1-	10 N FUSE	0	0	429	135	34	4	48	0.00	4.76	0
CO25202	OC756	4.88	4 1-	4ACSR	0	0	425	135	34	4	3	0.01	4.77	0
CO25065	CO25202	5.22	3 1-	4ACSR	0	0	403	133	13	1	1	0.03	4.80	0
CO25062	CO25065	5.49	3 1-	4ACSR	0	0	387	131	13	1	1	0.02	4.82	0
CO25064	CO25062	5.61	2 1-	4ACSR	0	0	380	130	10	1	1	0.01	4.82	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25063	CO25064	5.68	2 1-	4ACSR	0	0	376	130	10	1	1	0.00	4.83	0
CO25012	CO25202	4.94	1 1-	4ACSR	0	0	421	135	21	2	2	0.00	4.77	0
CO24986	CO24985	5.08	3 3-	4ACSR	492	486	412	134	10	0	0	0.00	4.76	0
CO25066	CO24986	5.20	1 3-	4ACSR	483	478	404	133	0	0	0	0.00	4.76	0
CO25156	CO25066	5.35	1 3-	4ACSR	473	467	395	132	0	0	0	0.00	4.76	0
CO25155	CO25156	5.58	1 3-	4ACSR	457	452	382	130	0	0	0	0.00	4.76	0
CO24987	CO25155	5.70	0 3-	4ACSR	449	445	375	130	0	0	0	0.00	4.76	0
CO25102	CO24986	5.14	2 1-	4ACSR	0	0	408	133	10	1	1	0.00	4.76	0
CO25101	CO25102	5.27	1 1-	4ACSR	0	0	400	132	0	0	0	0.00	4.76	0
CO25013	CO24984	4.75	1 1-	4ACSR	0	0	435	136	7	1	1	0.00	4.75	0
CO25145	CO25057	3.25	2 1-	4ACSR	0	0	580	147	15	2	2	0.00	4.17	0
CO25144	CO25145	3.36	1 1-	4ACSR	0	0	566	146	4	0	0	0.00	4.17	0
CO25008	CO24980	3.18	1 1-	4ACSR	0	0	587	148	10	1	1	0.00	4.13	0
CO25007	CO25148	3.16	2 1-	4ACSR	0	0	591	148	11	1	1	0.00	4.09	0
CO25048	CO25179	2.38	0 1-	4ACSR	0	0	711	155	0	0	0	0.00	3.32	0
CO25047	CO25179	2.35	7 1-	4ACSR	0	0	718	155	29	4	3	0.00	3.33	0
CO25095	CO25047	2.43	7 1-	4ACSR	0	0	702	154	29	4	3	0.01	3.34	0
CO25005	CO25095	2.51	2 1-	4ACSR	0	0	689	154	9	1	1	0.00	3.34	0
CO25097	CO25095	2.59	3 1-	4ACSR	0	0	675	153	11	1	1	0.01	3.35	0
CO25096	CO25097	2.64	1 1-	4ACSR	0	0	666	152	2	0	0	0.00	3.35	0
CO25004	CO25097	2.64	2 1-	4ACSR	0	0	666	152	9	1	1	0.00	3.35	0
CO1165520939	CO881716204	2.31	1 1-	1/0PRIURD	0	0	725	325	9	1	1	0.00	3.27	0
CO14727	CO14760	2.21	0 1-	4ACSR	0	0	740	156	0	0	0	0.00	3.06	0
CO14738	CO14727	2.54	0 1-	4ACSR	0	0	681	153	0	0	0	0.00	3.06	0
CO14737	CO14727	2.31	0 1-	4ACSR	0	0	722	155	0	0	0	0.00	3.06	0
CO14783	CO14725	1.41	11 1-	4ACSR	0	0	933	164	48	6	5	0.00	2.24	0
OC435	CO14783	1.41	11 1-	10 N FUSE	0	0	933	164	48	6	65	0.00	2.24	0
CO30590	OC435	1.62	11 1-	4ACSR	0	0	875	162	48	6	5	0.06	2.30	5
CO25094	CO30590	1.79	1 1-	4ACSR	0	0	832	160	8	1	1	0.00	2.30	0
CO25092	CO25094	1.83	0 1-	4ACSR	0	0	823	160	0	0	0	0.00	2.30	0
CO25177	CO25092	1.93	0 1-	4ACSR	0	0	801	159	0	0	0	0.00	2.30	0
CO25176	CO25177	1.95	0 1-	4ACSR	0	0	797	158	0	0	0	0.00	2.30	0
CO25093	CO25176	2.06	0 1-	4ACSR	0	0	772	157	0	0	0	0.00	2.30	0
CO25142	CO30590	1.68	10 1-	6ACWC	0	0	861	161	40	5	4	0.01	2.31	0
CO25141	CO25142	1.82	8 1-	6ACWC	0	0	827	160	36	4	3	0.03	2.34	0
CO25143	CO25141	1.88	7 1-	6ACWC	0	0	812	159	35	4	3	0.01	2.35	0
CO25091	CO25143	1.95	6 1-	6ACWC	0	0	797	159	34	4	3	0.01	2.37	0
CO25175	CO25091	1.98	6 1-	6ACWC	0	0	790	158	34	4	3	0.01	2.37	0
CO25174	CO25175	2.02	6 1-	6ACWC	0	0	780	158	34	4	3	0.01	2.38	0
CO25122	CO25174	2.08	3 1-	4ACSR	0	0	768	157	22	2	2	0.01	2.39	0
CO25120	CO25122	2.14	3 1-	4ACSR	0	0	755	157	22	2	2	0.01	2.40	0
CO25045	CO25120	2.22	1 1-	4ACSR	0	0	740	156	15	2	1	0.00	2.40	0
CO25119	CO25120	2.25	0 1-	4ACSR	0	0	733	156	0	0	0	0.00	2.40	0
CO25121	CO25119	2.35	0 1-	4ACSR	0	0	716	155	0	0	0	0.00	2.40	0
CO25044	CO25174	2.06	1 1-	4ACSR	0	0	772	157	0	0	0	0.00	2.38	0
CO25043	CO25174	2.20	2 1-	4ACSR	0	0	745	156	12	1	1	0.01	2.39	0
CO25046	CO25143	1.99	1 1-	4ACSR	0	0	787	158	1	0	0	0.00	2.35	0
CO14765	CO14767	1.23	0 1-	4ACSR	0	0	990	165	0	0	0	0.00	1.86	0
CO14766	CO14765	1.38	0 1-	4ACSR	0	0	944	164	0	0	0	0.00	1.86	0
CO25042	CO25086	0.59	1 1-	4ACSR	0	0	1227	172	10	1	1	0.00	1.07	0
OH182+	OH181	0.02	269 3-	336ACSR	2653	2816	2800	354	1186	26	5	0.00	0.00	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OGDEN RIDGE+	OH182	0.02	269 3-	560 200WVE	2653	2816	2800	354	1186	26	5	0.00	0.00	0
OH191+	OGDEN RIDGE	0.05	269 3-	336ACSR	2642	2797	2781	353	1186	26	5	0.00	0.01	4
OH192+	OH191	0.09	269 3-	336ACSR	2630	2777	2760	353	1186	26	5	0.00	0.01	4
OH193+	OH192	0.12	269 3-	336ACSR	2619	2758	2741	353	1186	26	5	0.00	0.01	4
CO25188+	OH193	0.16	4 1-	4ACSR	0	0	2710	352	21	1	1	0.00	0.01	0
CO25187+	CO25188	0.22	4 1-	4ACSR	0	0	2659	351	21	1	1	0.00	0.02	0
CO25052+	CO25187	0.25	2 1-	2ACSR	0	0	2633	350	5	0	0	0.00	0.02	0
CO25118+	CO25187	0.28	1 1-	4ACSR	0	0	2610	350	5	0	0	0.00	0.02	0
OH194+	OH193	0.16	265 3-	336ACSR	2606	2737	2718	353	1165	26	5	0.00	0.02	5
OH195+	OH194	0.20	265 3-	336ACSR	2594	2715	2696	353	1165	26	5	0.00	0.02	5
OH196+	OH195	0.22	265 3-	336ACSR	2589	2708	2688	353	1165	26	5	0.00	0.02	0
CO30343+	OH196	0.34	265 3-	336ACSR	2552	2648	2625	352	1165	26	5	0.01	0.03	14
CO-1835549090+	CO30343	0.38	265 3-	336ACSR	2539	2628	2604	352	1165	26	5	0.00	0.03	5
CO26376+	CO-1835549090	0.43	1 1-	4ACSR	0	0	2561	351	3	0	0	0.00	0.03	0
CO-1316195432+	CO-1835549090	0.43	1 1-	2ACSR	0	0	2569	351	7	0	0	0.00	0.03	0
CO-2126302949+	CO-1835549090	0.43	263 3-	336ACSR	2522	2601	2575	352	1156	25	5	0.00	0.04	7
CO26497+	CO-2126302949	0.62	262 3-	336ACSR	2467	2517	2484	351	1152	25	5	0.02	0.06	22
CO26375+	CO26497	0.70	0 1-	4ACSR	0	0	2428	349	0	0	0	0.00	0.06	0
CO26498+	CO26497	0.71	262 3-	336ACSR	2440	2478	2440	350	1152	25	5	0.01	0.06	11
CO-1291726628+	CO26498	0.75	0 1-	2ACSR	0	0	2421	350	0	0	0	0.00	0.06	0
CO26499+	CO26498	0.81	261 3-	336ACSR	2413	2439	2398	350	1148	25	5	0.01	0.07	11
SW818-B+	CO26499	0.81	0 1-	Open	0	0	2398	350	0	0	0	0.00	0.07	0
CO26358+	CO26499	0.89	12 1-	4ACSR	0	0	2346	348	59	3	3	0.01	0.08	0
CO26357+	CO26358	1.19	10 1-	4ACSR	0	0	2140	341	44	2	2	0.02	0.10	0
CO30347+	CO26357	1.33	6 1-	4ACSR	0	0	2052	338	21	1	1	0.00	0.10	0
CO25171+	CO30347	1.34	5 1-	4ACSR	0	0	2045	338	18	1	1	0.00	0.10	0
CO25084+	CO25171	1.55	5 1-	4ACSR	0	0	1922	334	18	1	1	0.00	0.11	0
CO25138+	CO25084	1.62	3 1-	4ACSR	0	0	1886	332	11	0	1	0.00	0.11	0
CO30353+	CO25138	1.89	2 1-	4ACSR	0	0	1744	327	11	0	1	0.00	0.11	0
CO26513+	CO30353	1.90	1 1-	4ACSR	0	0	1737	327	2	0	0	0.00	0.11	0
CO26429+	CO26513	1.96	1 1-	4ACSR	0	0	1707	325	2	0	0	0.00	0.11	0
CO25040+	CO25084	1.89	1 1-	4ACSR	0	0	1741	327	3	0	0	0.00	0.11	0
CO26431+	CO26357	1.45	3 1-	4ACSR	0	0	1983	336	21	1	1	0.01	0.10	0
CO26430+	CO26431	1.47	2 1-	4ACSR	0	0	1972	336	10	0	0	0.00	0.10	0
CO30346+	CO26430	1.58	1 1-	4ACSR	0	0	1907	333	8	0	0	0.00	0.10	0
CO26467+	CO26430	1.56	1 1-	4ACSR	0	0	1918	334	2	0	0	0.00	0.10	0
CO26466+	CO26467	1.63	1 1-	4ACSR	0	0	1881	332	2	0	0	0.00	0.10	0
CO26377+	CO26357	1.27	1 1-	4ACSR	0	0	2092	340	2	0	0	0.00	0.10	0
CO26378+	CO26358	0.93	2 1-	4ACSR	0	0	2313	347	15	1	1	0.00	0.08	0
CO26379+	CO26499	0.91	2 1-	4ACSR	0	0	2326	348	3	0	0	0.00	0.07	0
OH197+	CO26499	0.85	247 3-	336ACSR	2402	2424	2381	350	1086	24	5	0.00	0.07	4
OH198+	OH197	0.89	247 3-	336ACSR	2390	2407	2362	350	1086	24	5	0.00	0.08	5
OH199+	OH198	0.95	247 3-	336ACSR	2375	2386	2339	349	1086	24	5	0.00	0.08	6
OH200+	OH199	0.96	247 3-	336ACSR	2371	2380	2333	349	1086	24	5	0.00	0.08	0
OH201+	OH200	1.09	247 3-	336ACSR	2338	2335	2281	349	1086	24	5	0.01	0.09	13
OH202+	OH201	1.26	247 3-	336ACSR	2293	2275	2213	348	1086	24	5	0.01	0.11	18
OH203+	OH202	1.47	247 3-	336ACSR	2242	2209	2139	347	1086	24	5	0.02	0.12	22
OH204+	OH203	1.63	247 3-	336ACSR	2204	2160	2083	346	1086	24	5	0.01	0.14	17
OH205+	OH204	1.79	247 3-	336ACSR	2168	2116	2031	345	1086	24	5	0.01	0.15	17
OH206+	OH205	1.85	247 3-	336ACSR	2155	2100	2014	345	1086	24	5	0.00	0.15	6
OH207+	OH206	1.85	247 3-	336ACSR	2154	2099	2012	345	1086	24	5	0.00	0.15	0

Substation Power Factor: 0.99
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26485+	OH207	1.90	1 1-	2ACSR	0	0	1990	344	8	0	0	0.00	0.15	0
CO26484+	CO26485	1.95	1 1-	2ACSR	0	0	1968	343	8	0	0	0.00	0.15	0
CO26483+	CO26484	1.99	1 1-	2ACSR	0	0	1951	343	8	0	0	0.00	0.15	0
CO26486+	OH207	1.99	246 3-	336ACSR	2124	2062	1970	344	1078	24	5	0.01	0.16	14
CO26464+	CO26486	2.12	246 3-	336ACSR	2095	2028	1931	344	1078	24	5	0.01	0.17	14
CO26505+	CO26464	2.15	246 3-	336ACSR	2089	2021	1923	344	1078	24	5	0.00	0.18	3
CO26504+	CO26505	2.22	246 3-	336ACSR	2076	2005	1904	343	1078	24	5	0.01	0.18	7
CO26465+	CO26504	2.30	244 3-	336ACSR	2058	1985	1881	343	1075	24	5	0.01	0.19	9
CO26355+	CO26465	2.47	244 3-	336ACSR	2024	1945	1835	342	1075	24	5	0.01	0.20	18
CO26445+	CO26355	2.64	241 3-	336ACSR	1991	1906	1792	341	1071	24	5	0.01	0.21	18
CO26446+	CO26445	2.68	241 3-	336ACSR	1984	1899	1783	341	1071	24	5	0.00	0.22	3
CO-2049075309+	CO26446	2.73	1 1-	2ACSR	0	0	1764	340	0	0	0	0.00	0.22	0
CO26447+	CO26446	2.81	240 3-	336ACSR	1959	1873	1752	340	1071	24	5	0.01	0.23	13
CO26448+	CO26447	2.85	238 3-	336ACSR	1952	1865	1743	340	1066	23	5	0.00	0.23	4
CO26449+	CO26448	2.91	238 3-	336ACSR	1941	1853	1727	340	1066	23	5	0.00	0.24	7
CO26450+	CO26449	2.96	238 3-	336ACSR	1933	1845	1717	340	1066	23	5	0.00	0.24	4
CO26451+	CO26450	3.01	236 3-	336ACSR	1922	1834	1705	339	1064	23	5	0.00	0.24	6
CO26452+	CO26451	3.07	236 3-	336ACSR	1912	1823	1692	339	1064	23	5	0.00	0.25	6
CO26405+	CO26452	3.09	130 3-	1/0ACSR	1906	1817	1685	339	578	12	6	0.00	0.25	2
CO26406+	CO26405	3.17	130 3-	1/0ACSR	1886	1796	1662	338	578	12	6	0.01	0.26	8
CO26407+	CO26406	3.22	130 3-	1/0ACSR	1875	1784	1649	338	578	12	6	0.00	0.26	4
CO26408+	CO26407	3.29	130 3-	1/0ACSR	1857	1765	1628	337	578	12	6	0.01	0.27	7
CO30444+	CO26408	3.33	130 3-	1/0ACSR	1848	1755	1617	336	578	12	6	0.00	0.28	4
CO30520+	CO30444	3.40	1 1-	4ACSR	0	0	1594	335	3	0	0	0.00	0.28	0
CO26368+	CO30520	3.45	1 1-	4ACSR	0	0	1577	334	3	0	0	0.00	0.28	0
CO26456+	CO30520	3.53	0 1-	4ACSR	0	0	1547	332	0	0	0	0.00	0.28	0
CO26864+	CO30444	3.40	1 1-	4ACSR	0	0	1594	335	6	0	0	0.00	0.28	0
CO26865+	CO26864	3.44	1 1-	4ACSR	0	0	1580	334	6	0	0	0.00	0.28	0
CO26943+	CO30444	3.49	128 3-	1/0ACSR	1809	1715	1573	335	568	12	6	0.02	0.29	15
CO26931+	CO26943	3.53	128 3-	1/0ACSR	1801	1706	1564	334	568	12	6	0.00	0.30	3
CO26930+	CO26931	3.57	128 3-	1/0ACSR	1792	1698	1554	334	568	12	6	0.00	0.30	3
CO26766+	CO26930	3.70	128 3-	1/0ACSR	1761	1666	1521	333	568	12	6	0.01	0.32	12
CO26950+	CO26766	3.72	10 1-	4ACSR	0	0	1516	332	46	3	2	0.00	0.32	0
CO26951+	CO26950	3.74	6 1-	4ACSR	0	0	1507	332	24	1	1	0.00	0.32	0
CO26882+	CO26951	3.76	4 1-	4ACSR	0	0	1501	331	14	0	1	0.00	0.32	0
CO26883+	CO26882	3.91	3 1-	4ACSR	0	0	1455	328	13	0	1	0.00	0.32	0
CO26884+	CO26883	4.04	3 1-	4ACSR	0	0	1414	326	13	0	1	0.00	0.32	0
CO26885+	CO26884	4.07	1 1-	4ACSR	0	0	1407	325	1	0	0	0.00	0.32	0
CO26940+	CO26951	3.85	2 1-	4ACSR	0	0	1473	329	10	0	0	0.00	0.32	0
CO26886+	CO26940	3.90	2 1-	4ACSR	0	0	1456	328	10	0	0	0.00	0.32	0
CO26887+	CO26886	3.95	2 1-	4ACSR	0	0	1444	328	10	0	0	0.00	0.32	0
CO26888+	CO26887	4.00	1 1-	4ACSR	0	0	1427	326	7	0	0	0.00	0.32	0
CO26828+	CO26766	3.73	118 3-	1/0ACSR	1755	1659	1514	332	522	11	5	0.00	0.32	2
CO26827+	CO26828	3.89	118 3-	1/0ACSR	1720	1623	1475	331	522	11	5	0.02	0.33	13
CO26981+	CO26827	3.94	118 3-	1/0ACSR	1710	1614	1464	330	522	11	5	0.00	0.34	4
CO26982+	CO26981	4.00	117 3-	1/0ACSR	1696	1600	1449	330	521	11	5	0.01	0.35	5
CO26875+	CO26982	4.10	109 3-	1/0ACSR	1675	1580	1427	329	489	10	5	0.01	0.35	7
CO26876+	CO26875	4.13	109 3-	1/0ACSR	1669	1574	1420	328	489	10	5	0.00	0.36	2
CO26833+	CO26876	4.19	104 3-	1/0ACSR	1656	1561	1407	328	471	10	5	0.01	0.36	4
CO26834+	CO26833	4.26	104 3-	1/0ACSR	1643	1549	1393	327	471	10	5	0.01	0.37	4
CO26835+	CO26834	4.34	104 3-	1/0ACSR	1627	1533	1376	326	471	10	5	0.01	0.38	5
CO26836+	CO26835	4.37	103 3-	1/0ACSR	1622	1528	1370	326	462	10	4	0.00	0.38	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26765+	CO26836	4.45	97 3-	1/0ACSR	1607	1513	1355	325	420	9	4	0.01	0.38	4
CO26824+	CO26765	4.47	1 1-	2ACSR	0	0	1350	325	5	0	0	0.00	0.38	0
CO26988+	CO26765	4.46	96 3-	1/0ACSR	1603	1510	1351	325	415	9	4	0.00	0.39	0
CO26825+	CO26988	4.48	1 1-	2ACSR	0	0	1347	325	11	0	0	0.00	0.39	0
CO26787+	CO26988	4.48	1 1-	4ACSR	0	0	1346	325	3	0	0	0.00	0.39	0
CO26987+	CO26988	4.66	94 3-	1/0ACSR	1567	1475	1314	323	401	8	4	0.01	0.40	9
CO26823+	CO26987	4.69	1 1-	4ACSR	0	0	1304	322	11	0	1	0.00	0.40	0
CO26780+	CO26987	4.77	93 3-	1/0ACSR	1546	1455	1293	322	391	8	4	0.01	0.41	5
CO26869+	CO26780	4.78	1 1-	2ACSR	0	0	1289	322	0	0	0	0.00	0.41	0
CO26870+	CO26869	4.81	1 1-	2ACSR	0	0	1284	321	0	0	0	0.00	0.41	0
CO26779+	CO26780	4.82	92 3-	1/0ACSR	1537	1445	1283	321	391	8	4	0.00	0.41	2
CO26812+	CO26779	4.86	0 1-	4ACSR	0	0	1273	321	0	0	0	0.00	0.41	0
CO26907+	CO26779	4.91	92 3-	1/0ACSR	1522	1431	1268	321	391	8	4	0.01	0.42	4
CO26906+	CO26907	5.02	91 3-	1/0ACSR	1503	1413	1249	320	379	8	4	0.01	0.43	5
CO26872+	CO26906	5.03	8 1-	2ACSR	0	0	1245	319	29	1	1	0.00	0.43	0
CO26873+	CO26872	5.05	8 1-	2ACSR	0	0	1242	319	29	1	1	0.00	0.43	0
CO26874+	CO26873	5.07	7 1-	2ACSR	0	0	1238	319	27	1	1	0.00	0.43	0
CO30492+	CO26874	5.29	5 1-	2ACSR	0	0	1196	316	25	1	1	0.01	0.43	0
CO26444+	CO30492	5.36	5 1-	2ACSR	0	0	1183	315	25	1	1	0.00	0.44	0
CO26443+	CO26444	5.41	4 1-	2ACSR	0	0	1175	314	14	0	1	0.00	0.44	0
CO26442+	CO26443	5.43	3 1-	2ACSR	0	0	1171	314	10	0	0	0.00	0.44	0
CO26441+	CO26442	5.53	3 1-	2ACSR	0	0	1154	313	10	0	0	0.00	0.44	0
CO26510+	CO26441	5.57	3 1-	2ACSR	0	0	1146	312	10	0	0	0.00	0.44	0
CO26511+	CO26510	5.90	2 1-	2ACSR	0	0	1092	308	2	0	0	0.00	0.44	0
CO26440+	CO26511	6.03	2 1-	2ACSR	0	0	1071	306	2	0	0	0.00	0.44	0
CO26508+	CO26440	6.16	1 1-	2ACSR	0	0	1052	305	0	0	0	0.00	0.44	0
CO26509+	CO26508	6.32	0 1-	2ACSR	0	0	1028	303	0	0	0	0.00	0.44	0
SW208-A+	CO26509	6.32	0 1-	Open	0	0	1028	303	0	0	0	0.00	0.44	0
CO26778+	CO26906	5.11	83 3-	1/0ACSR	1487	1398	1233	319	350	7	3	0.01	0.43	3
CO26777+	CO26778	5.21	80 3-	1/0ACSR	1470	1381	1216	318	338	7	3	0.01	0.44	3
CO26784+	CO26777	5.36	80 3-	1/0ACSR	1446	1359	1192	316	338	7	3	0.01	0.45	5
CO26905+	CO26784	5.47	77 3-	1/0ACSR	1429	1342	1175	315	329	7	3	0.01	0.46	3
CO26947+	CO26905	5.55	77 3-	1/0ACSR	1416	1330	1163	314	329	7	3	0.01	0.46	3
CO26822+	CO26947	5.59	2 1-	2ACSR	0	0	1155	314	2	0	0	0.00	0.46	0
CO26946+	CO26947	5.62	75 3-	1/0ACSR	1406	1320	1152	314	327	7	3	0.00	0.46	0
CO26942+	CO26946	5.66	75 3-	1/0ACSR	1399	1314	1146	313	327	7	3	0.00	0.47	0
CO26810+	CO26942	5.69	1 1-	4ACSR	0	0	1140	313	8	0	0	0.00	0.47	0
CO26941+	CO26942	5.73	74 3-	1/0ACSR	1388	1304	1136	313	319	7	3	0.00	0.47	2
CO26924+	CO26941	5.81	74 3-	1/0ACSR	1377	1293	1125	312	319	7	3	0.00	0.48	2
CO26923+	CO26924	5.88	74 3-	1/0ACSR	1367	1284	1115	311	319	7	3	0.00	0.48	0
CO26929+	CO26923	5.94	60 3-	1/0ACSR	1357	1275	1106	311	255	5	2	0.00	0.48	0
CO26973+	CO26929	6.07	59 3-	1/0ACSR	1339	1257	1088	310	254	5	2	0.01	0.49	2
CO26972+	CO26973	6.23	59 3-	1/0ACSR	1317	1236	1067	308	254	5	2	0.01	0.50	3
CO26862+	CO26972	6.26	2 1-	4ACSR	0	0	1063	308	24	1	1	0.00	0.50	0
CO26863+	CO26862	6.29	1 1-	4ACSR	0	0	1057	307	13	0	1	0.00	0.50	0
CO26922+	CO26972	6.27	56 3-	1/0ACSR	1312	1232	1063	308	230	5	2	0.00	0.50	0
CO26921+	CO26922	6.29	56 3-	1/0ACSR	1309	1229	1060	308	230	5	2	0.00	0.50	0
CO26920+	CO26921	6.36	54 3-	1/0ACSR	1300	1221	1052	307	228	5	2	0.00	0.50	0
CO26919+	CO26920	6.41	54 3-	1/0ACSR	1294	1215	1046	306	228	5	2	0.00	0.51	0
CO26918+	CO26919	6.46	53 3-	1/0ACSR	1286	1208	1039	306	219	4	2	0.00	0.51	0
CO26917+	CO26918	6.53	50 3-	1/0ACSR	1278	1200	1031	305	209	4	2	0.00	0.51	0
CO26983+	CO26917	6.79	0 1-	4ACSR	0	0	989	301	0	0	0	0.00	0.51	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26984+	CO26983	6.80	0 1-	4ACSR	0	0	986	301	0	0	0	0.00	0.51	0
CO26853+	CO26984	6.85	0 1-	4ACSR	0	0	979	300	0	0	0	0.00	0.51	0
CO26854+	CO26853	6.88	0 1-	4ACSR	0	0	973	299	0	0	0	0.00	0.51	0
CO26904+	CO26917	6.56	50 3-	1/0ACSR	1273	1196	1027	305	209	4	2	0.00	0.51	0
CO26903+	CO26904	6.61	48 3-	1/0ACSR	1268	1190	1021	305	200	4	2	0.00	0.51	0
CO26902+	CO26903	6.78	48 3-	1/0ACSR	1247	1171	1002	303	200	4	2	0.01	0.52	0
CO26803+	CO26902	6.83	1 1-	4ACSR	0	0	994	302	8	0	0	0.00	0.52	0
CO26802+	CO26902	6.83	3 1-	4ACSR	0	0	994	302	9	0	0	0.00	0.52	0
CO26985+	CO26902	6.78	31 1-	4ACSR	0	0	1001	303	102	6	5	0.00	0.52	0
OC826+	CO26985	6.78	31 1-	35 H OCR	0	0	1001	303	102	6	20	0.00	0.52	0
XFMR77	OC826	6.78	31 1-	167 KVA 1PH AUT	0	0	611	167	102	6	59	0.32	0.84	0
CO26986	XFMR77	7.09	31 1-	4ACSR	0	0	584	164	102	13	10	0.19	1.03	31
CO26772	CO26986	7.22	30 1-	4ACSR	0	0	573	163	99	13	10	0.08	1.11	12
CO26966	CO26772	7.25	26 1-	4ACSR	0	0	570	162	93	12	9	0.02	1.12	3
CO26975	CO26966	7.75	25 1-	4ACSR	0	0	528	157	91	12	9	0.27	1.40	40
CO26976	CO26975	7.85	25 1-	4ACSR	0	0	520	156	90	12	9	0.06	1.45	9
CO26958	CO26976	8.17	25 1-	4ACSR	0	0	495	154	90	12	9	0.17	1.62	25
CO26959	CO26958	8.20	24 1-	4ACSR	0	0	493	153	87	11	8	0.02	1.64	2
CO26781	CO26959	8.33	12 1-	4ACSR	0	0	483	152	57	7	5	0.05	1.69	4
CO30496	CO26781	8.73	9 1-	4ACSR	0	0	456	149	31	4	3	0.06	1.75	3
CO29315	CO30496	8.88	6 1-	4ACSR	0	0	446	147	16	2	2	0.01	1.76	0
CO29343	CO29315	8.92	2 1-	4ACSR	0	0	443	147	0	0	0	0.00	1.76	0
CO29344	CO29343	9.01	1 1-	4ACSR	0	0	438	146	0	0	0	0.00	1.76	0
CO29323	CO29315	8.98	4 1-	4ACSR	0	0	440	146	15	2	1	0.01	1.77	0
CO29324	CO29323	9.14	4 1-	4ACSR	0	0	430	145	15	2	1	0.02	1.78	0
CO29379	CO29324	9.24	2 1-	4ACSR	0	0	423	144	4	0	0	0.00	1.79	0
CO29380	CO29379	9.36	2 1-	4ACSR	0	0	416	143	4	0	0	0.00	1.79	0
CO29316	CO29324	9.53	2 1-	4ACSR	0	0	406	142	11	1	1	0.03	1.81	0
CO29377	CO29316	9.55	1 1-	4ACSR	0	0	405	142	11	1	1	0.00	1.81	0
CO29378	CO29377	9.58	1 1-	4ACSR	0	0	404	142	11	1	1	0.00	1.82	0
CO29376	CO29378	9.65	1 1-	4ACSR	0	0	400	141	11	1	1	0.00	1.82	0
CO29340	CO29323	9.00	0 1-	4ACSR	0	0	438	146	0	0	0	0.00	1.77	0
CO29342	CO30496	8.78	2 1-	4ACSR	0	0	452	148	4	0	0	0.00	1.75	0
CO29381	CO29342	8.82	1 1-	4ACSR	0	0	449	148	4	0	0	0.00	1.75	0
CO29382	CO29381	8.90	1 1-	4ACSR	0	0	445	147	4	0	0	0.00	1.75	0
CO26860	CO26781	8.38	3 1-	4ACSR	0	0	480	152	26	3	3	0.01	1.69	0
CO26861	CO26860	8.41	1 1-	4ACSR	0	0	478	151	10	1	1	0.00	1.69	0
CO26771	CO26959	8.36	12 1-	4ACSR	0	0	482	152	31	4	3	0.03	1.67	0
CO26775	CO26771	8.40	9 1-	4ACSR	0	0	478	151	20	2	2	0.01	1.67	0
CO26935	CO26775	8.49	8 1-	4ACSR	0	0	472	151	17	2	2	0.01	1.68	0
CO26819	CO26935	8.54	1 1-	2/0ACSR	0	0	470	150	0	0	0	0.00	1.68	0
CO26962	CO26935	8.57	6 1-	4ACSR	0	0	466	150	15	2	1	0.01	1.69	0
CO26963	CO26962	8.71	5 1-	4ACSR	0	0	457	149	11	1	1	0.01	1.70	0
CO-459276728	CO26963	8.77	4 1-	2ACSR	0	0	454	148	8	1	1	0.00	1.70	0
CO26776	CO-459276728	8.83	3 1-	4ACSR	0	0	450	148	7	0	1	0.00	1.70	0
CO26806	CO26776	8.90	1 1-	4ACSR	0	0	445	147	0	0	0	0.00	1.70	0
CO26915	CO26776	8.92	2 1-	4ACSR	0	0	444	147	7	0	1	0.00	1.71	0
CO26916	CO26915	9.00	2 1-	4ACSR	0	0	438	146	7	0	1	0.00	1.71	0
CO26809	CO26916	9.07	1 1-	4ACSR	0	0	434	146	4	0	0	0.00	1.71	0
CO26912	CO26916	9.22	1 1-	4ACSR	0	0	425	145	3	0	0	0.00	1.71	0
CO26913	CO26912	9.35	0 1-	4ACSR	0	0	418	144	0	0	0	0.00	1.71	0
CO26914	CO26913	9.47	0 1-	4ACSR	0	0	411	143	0	0	0	0.00	1.71	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26816	CO26914	9.52	0 1-	4ACSR	0	0	408	142	0	0	0	0.00	1.71	0
CO26817	CO-459276728	8.84	1 1-	2ACSR	0	0	450	148	2	0	0	0.00	1.70	0
CO-600350333	CO26963	8.73	0 1-	2ACSR	0	0	456	149	0	0	0	0.00	1.70	0
CO26807	CO26775	8.45	1 1-	4ACSR	0	0	475	151	3	0	0	0.00	1.68	0
CO26908	CO26771	8.47	3 1-	4ACSR	0	0	473	151	11	1	1	0.01	1.68	0
CO26909	CO26908	8.55	3 1-	4ACSR	0	0	468	150	11	1	1	0.01	1.68	0
CO26960	CO26909	8.60	3 1-	4ACSR	0	0	464	150	11	1	1	0.00	1.69	0
CO26961	CO26960	8.66	2 1-	4ACSR	0	0	460	149	11	1	1	0.00	1.69	0
CO26910	CO26961	8.77	2 1-	4ACSR	0	0	453	148	11	1	1	0.00	1.69	0
CO26911	CO26910	8.81	1 1-	4ACSR	0	0	450	148	0	0	0	0.00	1.69	0
CO26964	CO26772	7.32	4 1-	4ACSR	0	0	564	162	6	0	1	0.00	1.11	0
CO26965	CO26964	7.36	3 1-	4ACSR	0	0	560	161	6	0	1	0.00	1.11	0
CO26900	CO26965	7.47	3 1-	4ACSR	0	0	551	160	6	0	1	0.00	1.12	0
CO26901	CO26900	7.57	3 1-	4ACSR	0	0	542	159	6	0	1	0.00	1.12	0
CO26773	CO26901	7.66	2 1-	4ACSR	0	0	535	158	2	0	0	0.00	1.12	0
CO26813	CO26773	7.71	1 1-	4ACSR	0	0	531	158	2	0	0	0.00	1.12	0
CO26774	CO26773	7.76	1 1-	4ACSR	0	0	527	157	0	0	0	0.00	1.12	0
CO26782	CO26774	7.87	1 1-	4ACSR	0	0	518	156	0	0	0	0.00	1.12	0
CO26814	CO26782	7.98	1 1-	4ACSR	0	0	509	155	0	0	0	0.00	1.12	0
CO26805	CO26782	8.06	0 1-	4ACSR	0	0	503	155	0	0	0	0.00	1.12	0
CO26815	CO26774	7.80	0 1-	4ACSR	0	0	524	157	0	0	0	0.00	1.12	0
CO26804	CO26901	7.64	1 1-	4ACSR	0	0	536	158	5	0	0	0.00	1.12	0
CO822523706	CO26804	7.67	1 1-	2ACSR	0	0	535	158	5	0	0	0.00	1.12	0
CO26851	CO26986	7.13	1 1-	4ACSR	0	0	580	164	3	0	0	0.00	1.03	0
CO26852	CO26851	7.15	1 1-	4ACSR	0	0	578	163	3	0	0	0.00	1.03	0
CO26937+	CO26902	7.13	12 3-	1/0ACSR	1205	1132	964	300	79	1	1	0.01	0.52	0
CO26821+	CO26937	7.16	1 1-	2ACSR	0	0	960	300	7	0	0	0.00	0.52	0
CO26936+	CO26937	7.39	11 3-	1/0ACSR	1175	1104	936	298	72	1	1	0.00	0.53	0
CO26897+	CO26936	7.52	9 3-	1/0ACSR	1161	1091	924	297	46	1	0	0.00	0.53	0
CO26898+	CO26897	7.57	9 3-	1/0ACSR	1156	1086	919	296	46	1	0	0.00	0.53	0
CO26899+	CO26898	7.62	9 3-	1/0ACSR	1151	1081	914	296	46	1	0	0.00	0.53	0
CO26569+	CO26899	7.65	9 3-	1/0ACSR	1148	1078	912	296	46	1	0	0.00	0.53	0
CO26610+	CO26569	7.68	9 3-	1/0ACSR	1144	1075	908	295	46	1	0	0.00	0.53	0
CO26613+	CO26610	7.73	7 3-	1/0ACSR	1139	1070	904	295	22	0	0	0.00	0.53	0
CO26614+	CO26613	7.90	7 3-	1/0ACSR	1122	1054	888	293	22	0	0	0.00	0.53	0
CO26615+	CO26614	8.00	6 3-	1/0ACSR	1111	1044	879	292	17	0	0	0.00	0.53	0
CO26616+	CO26615	8.06	5 3-	1/0ACSR	1105	1039	874	292	17	0	0	0.00	0.53	0
CO26621+	CO26616	8.10	3 1-	4ACSR	0	0	869	291	12	0	1	0.00	0.53	0
CO26622+	CO26621	8.18	1 1-	4ACSR	0	0	859	290	0	0	0	0.00	0.53	0
CO26617+	CO26622	8.30	1 1-	4ACSR	0	0	845	288	0	0	0	0.00	0.53	0
CO26620+	CO26616	8.19	2 3-	1/0ACSR	1093	1027	862	291	5	0	0	0.00	0.53	0
CO26753+	CO26620	8.26	0 3-	1/0ACSR	1086	1021	857	290	0	0	0	0.00	0.53	0
OC825	CO26753	8.26	0 3-	100 E OCR	1086	1021	857	290	0	0	0	125.47	126.00	0
CO26611+	CO26610	7.71	2 2-	4ACSR	0	1071	904	295	24	0	1	0.00	0.53	0
CO26609+	CO26611	7.74	1 1-	2ACSR	0	0	901	294	7	0	0	0.00	0.53	0
CO26612+	CO26611	7.76	1 2-	4ACSR	0	1064	898	294	17	0	0	0.00	0.53	0
CO622804538+	CO26936	7.43	1 1-	2ACSR	0	0	931	297	6	0	0	0.00	0.53	0
CO1100090106+	CO622804538	7.46	1 1-	2ACSR	0	0	928	297	6	0	0	0.00	0.53	0
CO26811+	CO26923	5.95	1 1-	4ACSR	0	0	1101	310	13	0	1	0.00	0.48	0
CO26925+	CO26923	5.91	12 1-	4ACSR	0	0	1110	311	47	3	2	0.00	0.48	0
CO26926+	CO26925	5.99	12 1-	4ACSR	0	0	1094	309	47	3	2	0.01	0.49	0
CO26826+	CO26926	6.04	1 1-	4ACSR	0	0	1083	308	3	0	0	0.00	0.49	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26927+	CO26926	6.03	10 1-	4ACSR	0	0	1085	308	44	2	2	0.00	0.49	0
CO26928+	CO26927	6.08	9 1-	4ACSR	0	0	1077	308	34	2	2	0.00	0.49	0
CO26971+	CO26928	6.20	9 1-	4ACSR	0	0	1055	305	34	2	2	0.01	0.50	0
CO30491+	CO26971	6.34	8 1-	4ACSR	0	0	1030	303	29	1	1	0.01	0.51	0
CO26434+	CO30491	6.38	7 1-	4ACSR	0	0	1023	302	29	1	1	0.00	0.51	0
CO26514+	CO26434	6.43	7 1-	4ACSR	0	0	1015	301	29	1	1	0.00	0.51	0
CO26515+	CO26514	6.49	6 1-	4ACSR	0	0	1004	300	24	1	1	0.00	0.51	0
CO26433+	CO26515	6.55	5 1-	4ACSR	0	0	995	299	23	1	1	0.00	0.51	0
CO26432+	CO26433	6.66	3 1-	4ACSR	0	0	977	297	20	1	1	0.00	0.52	0
CO26380+	CO26432	6.72	1 1-	4ACSR	0	0	968	296	9	0	0	0.00	0.52	0
CO26435+	CO26432	6.75	2 1-	4ACSR	0	0	962	296	11	0	1	0.00	0.52	0
CO26516+	CO26435	6.79	2 1-	4ACSR	0	0	957	295	11	0	1	0.00	0.52	0
CO26517+	CO26516	7.10	1 1-	4ACSR	0	0	911	290	5	0	0	0.00	0.52	0
CO26855+	CO26784	5.40	3 1-	4ACSR	0	0	1184	316	9	0	0	0.00	0.45	0
CO26856+	CO26855	5.51	2 1-	4ACSR	0	0	1159	313	9	0	0	0.00	0.45	0
CO26857+	CO26856	5.57	1 1-	4ACSR	0	0	1148	312	2	0	0	0.00	0.45	0
CO26858+	CO26778	5.16	2 1-	4ACSR	0	0	1221	318	1	0	0	0.00	0.43	0
CO26859+	CO26858	5.22	0 1-	4ACSR	0	0	1208	317	0	0	0	0.00	0.43	0
CO30493+	CO26836	4.50	5 1-	4ACSR	0	0	1336	323	40	2	2	0.01	0.38	0
CO26512+	CO30493	4.56	4 1-	4ACSR	0	0	1320	322	31	2	1	0.00	0.39	0
CO26455+	CO26512	4.62	3 1-	4ACSR	0	0	1304	321	25	1	1	0.00	0.39	0
CO26395+	CO26455	4.66	1 1-	2ACSR	0	0	1296	320	4	0	0	0.00	0.39	0
CO26454+	CO26455	4.70	2 1-	4ACSR	0	0	1282	319	20	1	1	0.00	0.39	0
CO26453+	CO26454	4.76	1 1-	4ACSR	0	0	1268	318	14	0	1	0.00	0.39	0
CO26786+	CO26836	4.38	1 1-	4ACSR	0	0	1367	326	1	0	0	0.00	0.38	0
CO26877+	CO26876	4.15	3 1-	4ACSR	0	0	1415	328	11	0	1	0.00	0.36	0
CO26878+	CO26877	4.21	3 1-	4ACSR	0	0	1399	327	11	0	1	0.00	0.36	0
CO26879+	CO26878	4.26	2 1-	4ACSR	0	0	1384	326	11	0	1	0.00	0.36	0
CO26847+	CO26876	4.17	2 1-	4ACSR	0	0	1409	327	7	0	0	0.00	0.36	0
CO26785+	CO26847	4.28	0 1-	4ACSR	0	0	1379	325	0	0	0	0.00	0.36	0
CO26848+	CO26847	4.24	2 1-	4ACSR	0	0	1390	326	7	0	0	0.00	0.36	0
CO26796+	CO26848	4.34	2 1-	4ACSR	0	0	1362	324	7	0	0	0.00	0.36	0
CO-1741371577+	CO26796	4.44	1 1-	2ACSR	0	0	1339	323	7	0	0	0.00	0.36	0
CO26837+	CO26982	4.12	8 1-	4ACSR	0	0	1414	327	32	2	2	0.01	0.35	0
CO26838+	CO26837	4.17	8 1-	4ACSR	0	0	1400	326	32	2	2	0.00	0.35	0
CO26839+	CO26838	4.24	8 1-	4ACSR	0	0	1381	325	32	2	2	0.00	0.36	0
CO26979+	CO26839	4.38	8 1-	4ACSR	0	0	1341	322	32	2	2	0.01	0.36	0
CO26980+	CO26979	4.55	8 1-	4ACSR	0	0	1294	319	32	2	2	0.01	0.37	0
CO26849+	CO26980	4.69	5 1-	4ACSR	0	0	1260	316	14	0	1	0.00	0.37	0
CO26956+	CO26849	4.72	5 1-	4ACSR	0	0	1253	315	14	0	1	0.00	0.37	0
CO26957+	CO26956	4.87	4 1-	4ACSR	0	0	1215	312	13	0	1	0.00	0.38	0
CO26797+	CO26957	4.94	1 1-	4ACSR	0	0	1198	311	0	0	0	0.00	0.38	0
CO26989+	CO26957	5.11	3 1-	4ACSR	0	0	1161	308	13	0	1	0.00	0.38	0
CO26974+	CO26989	5.26	3 1-	4ACSR	0	0	1128	305	13	0	1	0.00	0.38	0
CO26967+	CO26974	5.29	3 1-	4ACSR	0	0	1121	305	13	0	1	0.00	0.39	0
CO26968+	CO26967	5.57	2 1-	4ACSR	0	0	1063	300	11	0	1	0.00	0.39	0
CO26880+	CO26980	4.59	3 1-	4ACSR	0	0	1284	318	17	1	1	0.00	0.37	0
CO26881+	CO26880	4.63	2 1-	4ACSR	0	0	1275	317	8	0	0	0.00	0.37	0
CO26410+	CO26452	3.28	106 3-	1/0ACSR	1859	1767	1630	337	486	10	5	0.02	0.27	15
CO30442+	CO26410	3.51	2 1-	2ACSR	0	0	1561	334	13	0	0	0.00	0.27	0
CO26868+	CO30442	3.60	2 1-	2ACSR	0	0	1536	332	13	0	0	0.00	0.27	0
CO26458+	CO26410	3.39	2 1-	4ACSR	0	0	1591	335	14	0	1	0.00	0.27	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26457+	CO26458	3.45	1 1-	4ACSR	0	0	1573	333	5	0	0	0.00	0.27	0
CO26409+	CO26410	3.50	102 3-	1/0ACSR	1809	1715	1573	335	459	10	5	0.02	0.29	13
CO26555+	CO26409	3.50	72 1-	4ACSR	0	0	1571	335	348	23	17	0.00	0.29	0
OC814+	CO26555	3.50	72 1-	35 H OCR	0	0	1571	335	348	23	67	0.00	0.29	0
CO26556+	OC814	3.56	72 1-	4ACSR	0	0	1552	333	348	23	17	0.03	0.32	16
CO26370+	CO26556	3.63	1 1-	4ACSR	0	0	1529	332	1	0	0	0.00	0.32	0
CO26412+	CO26556	3.62	71 1-	4ACSR	0	0	1533	332	347	23	17	0.03	0.35	17
CO26411+	CO26412	3.69	71 1-	4ACSR	0	0	1508	331	347	23	17	0.04	0.39	22
CO26369+	CO26411	3.77	1 1-	4ACSR	0	0	1482	329	2	0	0	0.00	0.39	0
CO30338+	CO26411	3.89	70 1-	4ACSR	0	0	1445	327	345	23	17	0.10	0.49	57
CO26829+	CO30338	4.11	68 1-	4ACSR	0	0	1379	322	337	22	16	0.11	0.61	59
CO26866+	CO26829	4.16	0 1-	2ACSR	0	0	1367	322	0	0	0	0.00	0.61	0
CO26867+	CO26866	4.41	0 1-	2ACSR	0	0	1307	318	0	0	0	0.00	0.61	0
CO26783+	CO26829	4.16	67 1-	2ACSR	0	0	1365	321	329	22	12	0.02	0.63	10
CO30572+	CO26783	4.24	67 1-	4ACSR	0	0	1343	320	329	22	16	0.04	0.67	20
CO26932+	CO30572	4.63	67 1-	4ACSR	0	0	1239	312	329	22	16	0.20	0.86	105
CO26800+	CO26932	4.77	1 1-	4ACSR	0	0	1206	310	22	1	1	0.00	0.87	0
CO26871+	CO26932	4.86	66 1-	4ACSR	0	0	1182	308	306	20	15	0.11	0.97	54
CO26933+	CO26871	5.06	66 1-	4ACSR	0	0	1137	305	306	20	15	0.09	1.07	46
CO26934+	CO26933	5.12	66 1-	4ACSR	0	0	1124	304	306	20	15	0.03	1.10	14
CO30436+	CO26934	5.21	64 1-	4ACSR	0	0	1106	302	300	20	15	0.04	1.14	19
CO25332+	CO30436	5.27	64 1-	4ACSR	0	0	1093	301	300	20	15	0.03	1.17	14
CO25333+	CO25332	5.40	64 1-	4ACSR	0	0	1067	299	300	20	15	0.06	1.23	28
CO25331+	CO25333	5.67	63 1-	4ACSR	0	0	1015	294	297	20	14	0.13	1.35	60
XFMR80	CO25331	5.67	62 1-	167 KVA 1PH AUT	0	0	623	166	295	20	174	1.05	2.40	0
CO25334	XFMR80	5.83	62 1-	4ACSR	0	0	608	164	295	40	29	0.28	2.68	133
CO25330	CO25334	5.95	61 1-	4ACSR	0	0	597	163	286	39	28	0.20	2.88	95
CO25232	CO25330	6.08	43 1-	4ACSR	0	0	584	162	209	28	20	0.17	3.05	57
CO25247	CO25232	6.16	0 1-	4ACSR	0	0	576	161	0	0	0	0.00	3.05	0
CO25379	CO25232	6.08	42 1-	4ACSR	0	0	584	162	208	28	20	0.01	3.06	3
OC763	CO25379	6.08	42 1-	35 H OCR	0	0	584	162	208	28	82	0.00	3.06	0
CO25380	OC763	6.19	42 1-	4ACSR	0	0	574	161	208	28	20	0.13	3.19	43
CO25308	CO25380	6.29	41 1-	4ACSR	0	0	565	160	196	26	19	0.12	3.31	38
CO25369	CO25308	6.39	3 1-	4ACSR	0	0	555	159	7	0	1	0.00	3.31	0
CO25366	CO25369	6.51	2 1-	4ACSR	0	0	544	157	4	0	0	0.00	3.31	0
CO25368	CO25366	6.61	0 1-	4ACSR	0	0	536	157	0	0	0	0.00	3.31	0
CO25367	CO25368	6.67	0 1-	4ACSR	0	0	531	156	0	0	0	0.00	3.31	0
CO25310	CO25308	6.52	37 1-	4ACSR	0	0	544	157	188	25	18	0.26	3.57	82
CO25309	CO25310	6.69	37 1-	4ACSR	0	0	529	156	187	25	18	0.20	3.77	63
CO25248	CO25309	6.78	1 1-	4ACSR	0	0	522	155	3	0	0	0.00	3.77	0
CO25312	CO25309	6.91	36 1-	4ACSR	0	0	512	154	184	25	18	0.24	4.01	73
CO25311	CO25312	7.00	35 1-	4ACSR	0	0	504	153	183	25	18	0.10	4.12	32
CO25325	CO25311	7.11	1 1-	4ACSR	0	0	495	152	9	1	1	0.01	4.13	0
CO25320	CO25325	7.36	1 1-	4ACSR	0	0	477	150	9	1	1	0.01	4.14	0
CO25324	CO25320	7.41	1 1-	4ACSR	0	0	473	149	9	1	1	0.00	4.14	0
CO25321	CO25324	7.51	1 1-	4ACSR	0	0	466	148	9	1	1	0.01	4.15	0
CO25323	CO25321	7.58	1 1-	4ACSR	0	0	460	148	9	1	1	0.00	4.15	0
CO25322	CO25323	7.66	1 1-	4ACSR	0	0	455	147	9	1	1	0.00	4.15	0
CO25314	CO25311	7.02	34 1-	4ACSR	0	0	502	153	175	24	17	0.03	4.15	8
CO25313	CO25314	7.06	34 1-	4ACSR	0	0	499	152	175	24	17	0.04	4.19	12
CO25315	CO25313	7.19	33 1-	4ACSR	0	0	489	151	171	23	17	0.13	4.32	38
CO25371	CO25315	7.32	1 1-	4ACSR	0	0	479	150	0	0	0	0.00	4.32	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25370	CO25371	7.40	1 1-	4ACSR	0	0	474	149	0	0	0	0.00	4.32	0
CO25317	CO25315	7.26	32 1-	4ACSR	0	0	484	151	170	23	17	0.08	4.40	23
CO25316	CO25317	7.50	32 1-	4ACSR	0	0	466	149	170	23	17	0.25	4.65	71
CO25233	CO25316	7.72	2 1-	4ACSR	0	0	451	147	4	0	0	0.01	4.66	0
CO25249	CO25233	7.99	2 1-	4ACSR	0	0	434	144	4	0	0	0.00	4.66	0
CO25295	CO25316	7.59	30 1-	4ACSR	0	0	460	148	166	23	16	0.09	4.74	26
CO25294	CO25295	7.71	29 1-	4ACSR	0	0	452	147	162	22	16	0.12	4.87	33
CO25319	CO25294	7.82	28 1-	4ACSR	0	0	445	146	156	21	16	0.10	4.97	26
CO25318	CO25319	7.95	28 1-	4ACSR	0	0	436	145	156	21	16	0.13	5.09	33
CO30342	CO25318	8.07	27 1-	4ACSR	0	0	429	144	154	21	15	0.11	5.21	29
CO1161660832	CO30342	8.20	1 1-	4ACSR	0	0	420	143	0	0	0	0.00	5.21	0
CO25166	CO30342	8.20	16 1-	4ACSR	0	0	420	143	118	16	12	0.10	5.30	18
CO25165	CO25166	8.29	15 1-	4ACSR	0	0	415	142	110	15	11	0.06	5.36	11
CO25163	CO25165	8.31	15 1-	4ACSR	0	0	414	142	110	15	11	0.02	5.38	4
CO25162	CO25163	8.40	15 1-	4ACSR	0	0	409	141	110	15	11	0.06	5.44	10
CO25164	CO25162	8.46	14 1-	4ACSR	0	0	405	141	105	14	11	0.04	5.48	8
CO24996	CO25164	8.67	12 1-	4ACSR	0	0	394	139	103	14	10	0.13	5.61	23
CO1907268928	CO24996	8.71	1 1-	2ACSR	0	0	392	139	17	2	1	0.00	5.61	0
CO25170	CO24996	8.69	8 1-	4ACSR	0	0	392	139	63	8	6	0.01	5.62	0
CO25169	CO25170	8.71	8 1-	4ACSR	0	0	391	139	63	8	6	0.01	5.63	0
CO25077	CO25169	8.81	8 1-	4ACSR	0	0	386	138	63	8	6	0.04	5.67	4
CO24997	CO25077	8.84	7 1-	4ACSR	0	0	385	138	53	7	5	0.01	5.68	0
CO25078	CO24997	8.87	5 1-	4ACSR	0	0	383	138	38	5	4	0.01	5.69	0
CO25080	CO25078	8.92	4 1-	4ACSR	0	0	380	137	27	3	3	0.01	5.69	0
CO25079	CO25080	8.99	3 1-	4ACSR	0	0	377	137	20	2	2	0.01	5.70	0
CO25124	CO25079	9.04	1 1-	4ACSR	0	0	375	136	8	1	1	0.00	5.70	0
CO25123	CO25124	9.08	1 1-	4ACSR	0	0	372	136	8	1	1	0.00	5.71	0
CO25050	CO25079	9.06	1 1-	4ACSR	0	0	373	136	8	1	1	0.00	5.70	0
CO25054	CO25080	9.00	1 1-	2ACSR	0	0	377	137	7	0	1	0.00	5.69	0
CO25038	CO24997	8.89	2 1-	4ACSR	0	0	382	138	15	2	2	0.00	5.68	0
CO25037	CO25077	8.86	1 1-	4ACSR	0	0	384	138	10	1	1	0.00	5.67	0
CO25036	CO24996	8.75	3 1-	4ACSR	0	0	389	139	23	3	2	0.01	5.62	0
CO25051	CO25036	8.79	0 1-	2ACSR	0	0	388	138	0	0	0	0.00	5.62	0
CO25035	CO25164	8.65	1 1-	4ACSR	0	0	395	139	2	0	0	0.00	5.48	0
CO25115	CO25164	8.52	1 1-	4ACSR	0	0	402	140	0	0	0	0.00	5.48	0
CO25114	CO25115	8.56	1 1-	4ACSR	0	0	400	140	0	0	0	0.00	5.48	0
CO25076	CO30342	8.25	10 1-	4ACSR	0	0	417	142	36	5	4	0.04	5.25	3
CO25168	CO25076	8.37	10 1-	4ACSR	0	0	411	141	36	5	4	0.02	5.28	0
CO25167	CO25168	8.47	8 1-	4ACSR	0	0	404	141	30	4	3	0.02	5.29	0
CO25137	CO25167	8.60	5 1-	4ACSR	0	0	397	140	23	3	2	0.02	5.31	0
CO25136	CO25137	8.72	4 1-	4ACSR	0	0	391	139	15	2	2	0.01	5.32	0
CO25081	CO25136	9.01	1 1-	4ACSR	0	0	376	137	0	0	0	0.00	5.32	0
CO25083	CO25081	9.20	1 1-	4ACSR	0	0	367	135	0	0	0	0.00	5.32	0
CO25082	CO25083	9.42	1 1-	4ACSR	0	0	356	134	0	0	0	0.00	5.32	0
CO25113	CO25136	8.79	3 1-	4ACSR	0	0	387	138	15	2	2	0.01	5.33	0
CO968804974	CO25113	8.87	1 1-	2ACSR	0	0	384	138	0	0	0	0.00	5.33	0
CO25186	CO25113	8.83	2 1-	4ACSR	0	0	385	138	15	2	2	0.00	5.33	0
CO25185	CO25186	8.88	1 1-	4ACSR	0	0	382	138	8	1	1	0.00	5.33	0
CO25117	CO25167	8.54	3 1-	4ACSR	0	0	401	140	7	0	1	0.00	5.30	0
CO25049	CO25117	8.60	1 1-	4ACSR	0	0	398	140	7	0	1	0.00	5.30	0
CO-1381373888	CO25049	8.67	0 1-	2ACSR	0	0	394	139	0	0	0	0.00	5.30	0
CO25116	CO25117	8.81	1 1-	4ACSR	0	0	386	138	0	0	0	0.00	5.30	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25250	CO25294	7.78	1 1-	4ACSR	0	0	447	146	5	0	1	0.00	4.87	0
CO25381	CO25330	5.95	17 1-	4ACSR	0	0	596	163	69	9	7	0.00	2.88	0
OC764	CO25381	5.95	17 1-	35 H OCR	0	0	596	163	69	9	27	0.00	2.88	0
CO25382	OC764	6.10	17 1-	4ACSR	0	0	582	162	69	9	7	0.06	2.94	6
CO25246	CO25382	6.23	1 1-	4ACSR	0	0	570	160	4	0	0	0.00	2.94	0
CO25297	CO25382	6.19	14 1-	4ACSR	0	0	574	161	57	7	6	0.03	2.97	3
CO25298	CO25297	6.27	14 1-	4ACSR	0	0	566	160	57	7	6	0.03	3.00	3
CO25296	CO25298	6.32	14 1-	4ACSR	0	0	562	159	57	7	6	0.02	3.02	0
CO25300	CO25296	6.41	13 1-	4ACSR	0	0	554	158	55	7	5	0.03	3.05	3
CO-1620572351	CO25300	6.55	1 1-	2ACSR	0	0	543	158	7	0	1	0.00	3.05	0
CO25299	CO25300	6.62	11 1-	4ACSR	0	0	535	156	48	6	5	0.06	3.11	5
CO25372	CO25299	6.67	2 1-	4ACSR	0	0	531	156	7	0	1	0.00	3.11	0
CO30355	CO25372	6.86	2 1-	4ACSR	0	0	515	154	7	0	1	0.00	3.12	0
CO25304	CO25299	6.72	9 1-	4ACSR	0	0	527	156	41	5	4	0.02	3.13	0
CO25301	CO25304	6.79	9 1-	4ACSR	0	0	521	155	41	5	4	0.02	3.15	0
CO25303	CO25301	7.17	9 1-	4ACSR	0	0	491	151	41	5	4	0.09	3.25	6
CO25302	CO25303	7.31	9 1-	4ACSR	0	0	480	150	41	5	4	0.03	3.28	2
CO25365	CO25302	7.41	2 1-	4ACSR	0	0	473	149	10	1	1	0.01	3.29	0
CO25362	CO25365	7.48	2 1-	4ACSR	0	0	468	149	10	1	1	0.00	3.29	0
CO25364	CO25362	7.56	2 1-	4ACSR	0	0	462	148	10	1	1	0.00	3.29	0
CO25363	CO25364	7.64	1 1-	4ACSR	0	0	457	147	1	0	0	0.00	3.29	0
CO25234	CO25302	7.43	7 1-	4ACSR	0	0	472	149	31	4	3	0.02	3.30	0
CO25359	CO25234	7.66	4 1-	4ACSR	0	0	455	147	14	1	1	0.01	3.32	0
CO25361	CO25359	7.70	1 1-	4ACSR	0	0	452	147	4	0	0	0.00	3.32	0
CO25360	CO25361	7.75	0 1-	4ACSR	0	0	449	146	0	0	0	0.00	3.32	0
CO25358	CO25359	7.76	2 1-	4ACSR	0	0	448	146	0	0	0	0.00	3.32	0
CO-1997321737	CO25358	8.07	2 1-	2ACSR	0	0	432	145	0	0	0	0.00	3.32	0
CO25306	CO25234	7.51	1 1-	4ACSR	0	0	466	148	14	1	1	0.01	3.31	0
CO25305	CO25306	7.58	1 1-	4ACSR	0	0	461	148	14	1	1	0.01	3.32	0
CO25307	CO25305	7.72	1 1-	4ACSR	0	0	451	147	14	1	1	0.01	3.32	0
CO26894+	CO26934	5.25	1 1-	4ACSR	0	0	1098	301	3	0	0	0.00	1.10	0
CO26895+	CO26894	5.30	1 1-	4ACSR	0	0	1087	300	3	0	0	0.00	1.10	0
CO26554+	CO26409	3.50	30 1-	4ACSR	0	0	1571	335	112	7	5	0.00	0.29	0
OC812+	CO26554	3.50	30 1-	20 N FUSE	0	0	1571	335	112	7	38	0.00	0.29	0
XFMR78	OC812	3.50	30 1-	167 KVA 1PH AUT	0	0	678	172	112	7	65	0.35	0.64	0
CO30443	XFMR78	3.76	30 1-	4ACSR	0	0	652	169	112	15	11	0.17	0.82	31
CO26795	CO30443	3.79	1 1-	4ACSR	0	0	649	169	2	0	0	0.00	0.82	0
CO26840	CO30443	3.97	29 1-	4ACSR	0	0	631	167	109	14	11	0.13	0.95	24
CO26841	CO26840	4.18	29 1-	4ACSR	0	0	610	165	109	14	11	0.14	1.09	25
CO26842	CO26841	4.54	29 1-	4ACSR	0	0	576	161	109	14	11	0.23	1.32	39
CO26794	CO26842	4.65	1 1-	4ACSR	0	0	565	160	1	0	0	0.00	1.32	0
CO26843	CO26842	4.59	27 1-	4ACSR	0	0	571	160	97	13	9	0.03	1.35	5
CO26844	CO26843	4.61	27 1-	4ACSR	0	0	569	160	97	13	9	0.01	1.36	0
CO26793	CO26844	4.67	1 1-	4ACSR	0	0	564	160	3	0	0	0.00	1.36	0
CO26954	CO26844	4.74	26 1-	4ACSR	0	0	557	159	94	12	9	0.07	1.43	11
CO26955	CO26954	4.87	25 1-	4ACSR	0	0	546	158	94	12	9	0.07	1.51	11
CO26830	CO26955	5.37	17 1-	4ACSR	0	0	504	153	62	8	6	0.18	1.69	18
CO26977	CO26830	5.52	16 1-	4ACSR	0	0	492	152	59	8	6	0.05	1.74	5
CO26978	CO26977	5.59	15 1-	4ACSR	0	0	487	151	59	8	6	0.03	1.77	3
CO26799	CO26978	5.65	1 1-	4ACSR	0	0	483	150	1	0	0	0.00	1.77	0
CO26768	CO26978	5.72	14 1-	4ACSR	0	0	477	150	58	7	6	0.04	1.81	4
CO642094843	CO26768	5.78	12 1-	2ACSR	0	0	474	149	58	7	4	0.01	1.83	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-1717468022	CO642094843	6.01	11 1-	2ACSR	0	0	460	148	54	7	4	0.05	1.88	4
CO26791	CO-1717468022	6.06	1 1-	4ACSR	0	0	457	148	3	0	0	0.00	1.88	0
CO26770	CO-1717468022	6.16	10 1-	4ACSR	0	0	450	147	51	6	5	0.05	1.93	4
CO26948	CO26770	6.31	8 1-	4ACSR	0	0	440	146	47	6	5	0.04	1.97	3
CO-103656801	CO26948	6.34	7 1-	2ACSR	0	0	439	145	44	5	3	0.01	1.97	0
CO-1092465020	CO-103656801	6.44	6 1-	2ACSR	0	0	433	145	37	5	3	0.02	1.99	0
CO26850	CO-1092465020	6.53	6 1-	4ACSR	0	0	428	144	37	5	4	0.02	2.01	0
CO26969	CO26850	6.58	1 1-	750 MCM - 42 Wi	0	0	427	144	3	0	0	0.00	2.01	0
CO26970	CO26969	6.62	1 1-	750 MCM - 42 Wi	0	0	426	144	3	0	0	0.00	2.01	0
CO26831	CO26850	6.62	5 1-	4ACSR	0	0	422	143	34	4	3	0.02	2.03	0
CO26832	CO26831	6.71	5 1-	4ACSR	0	0	417	143	34	4	3	0.02	2.05	0
CO30495	CO26832	6.77	5 1-	4ACSR	0	0	413	142	34	4	3	0.01	2.06	0
CO29373	CO30495	6.82	5 1-	4ACSR	0	0	410	142	34	4	3	0.01	2.07	0
CO29374	CO29373	6.85	4 1-	4ACSR	0	0	408	141	26	3	3	0.01	2.07	0
CO29375	CO29374	6.93	4 1-	4ACSR	0	0	404	141	26	3	3	0.01	2.09	0
CO29311	CO29375	6.99	2 1-	4ACSR	0	0	401	140	11	1	1	0.00	2.09	0
CO29362	CO29311	7.02	2 1-	4ACSR	0	0	399	140	11	1	1	0.00	2.09	0
CO29363	CO29362	7.08	1 1-	4ACSR	0	0	396	140	8	1	1	0.00	2.09	0
CO29341	CO29375	7.03	1 1-	2ACSR	0	0	399	140	6	0	0	0.00	2.09	0
CO29371	CO29375	7.02	1 1-	4ACSR	0	0	399	140	9	1	1	0.00	2.09	0
CO29372	CO29371	7.08	1 1-	4ACSR	0	0	396	140	9	1	1	0.00	2.09	0
CO29364	CO29372	7.11	0 1-	4ACSR	0	0	394	139	0	0	0	0.00	2.09	0
CO29370	CO29375	7.24	0 1-	4ACSR	0	0	387	139	0	0	0	0.00	2.09	0
CO29369	CO29370	7.33	0 1-	4ACSR	0	0	383	138	0	0	0	0.00	2.09	0
CO-1986055657	CO-103656801	6.41	1 1-	2ACSR	0	0	435	145	7	0	1	0.00	1.97	0
CO26798	CO26770	6.21	2 1-	4ACSR	0	0	446	146	4	0	0	0.00	1.93	0
CO-241204362	CO642094843	5.85	1 1-	2ACSR	0	0	469	149	4	0	0	0.00	1.83	0
CO26792	CO26768	5.76	2 1-	4ACSR	0	0	474	149	0	0	0	0.00	1.81	0
CO375284499	CO26792	5.80	1 1-	2ACSR	0	0	472	149	0	0	0	0.00	1.81	0
CO26889	CO26978	5.67	0 1-	4ACSR	0	0	481	150	0	0	0	0.00	1.77	0
CO26890	CO26889	5.82	0 1-	4ACSR	0	0	470	149	0	0	0	0.00	1.77	0
CO26891	CO26955	4.95	1 1-	4ACSR	0	0	538	157	1	0	0	0.00	1.51	0
CO26892	CO26891	4.97	1 1-	4ACSR	0	0	537	157	1	0	0	0.00	1.51	0
CO26893	CO26892	5.09	1 1-	4ACSR	0	0	527	155	1	0	0	0.00	1.51	0
CO26952	CO26955	4.91	7 1-	4ACSR	0	0	542	157	31	4	3	0.01	1.51	0
CO26953	CO26952	5.00	6 1-	4ACSR	0	0	535	156	25	3	2	0.01	1.52	0
CO26801	CO26953	5.06	1 1-	4ACSR	0	0	529	156	5	0	0	0.00	1.53	0
CO26790	CO26953	5.09	1 1-	4ACSR	0	0	527	155	0	0	0	0.00	1.52	0
CO26845	CO26953	5.03	4 1-	4ACSR	0	0	532	156	20	2	2	0.00	1.53	0
CO26938	CO26845	5.15	4 1-	4ACSR	0	0	522	155	20	2	2	0.01	1.54	0
CO26820	CO26938	5.24	1 1-	2ACSR	0	0	516	154	0	0	0	0.00	1.54	0
CO26939	CO26938	5.30	3 1-	4ACSR	0	0	510	154	20	2	2	0.02	1.56	0
CO26944	CO26939	5.47	3 1-	4ACSR	0	0	496	152	20	2	2	0.02	1.58	0
CO26818	CO26944	5.71	0 1-	2ACSR	0	0	481	150	0	0	0	0.00	1.58	0
CO26945	CO26944	5.75	3 1-	4ACSR	0	0	475	150	20	2	2	0.03	1.61	0
CO26767	CO26945	5.86	2 1-	4ACSR	0	0	467	149	12	1	1	0.01	1.62	0
CO26788	CO26767	5.94	1 1-	4ACSR	0	0	461	148	6	0	1	0.00	1.62	0
CO26846	CO26767	6.06	1 1-	4ACSR	0	0	453	147	6	0	1	0.01	1.63	0
CO30498	CO26846	6.34	1 1-	4ACSR	0	0	435	145	6	0	1	0.01	1.64	0
CO29358	CO30498	6.66	0 1-	4ACSR	0	0	415	142	0	0	0	0.00	1.64	0
CO26789	CO26945	5.92	1 1-	4ACSR	0	0	463	148	7	0	1	0.00	1.62	0
CO26404+	CO26450	3.00	1 1-	2ACSR	0	0	1702	339	0	0	0	0.00	0.24	0

Substation Power Factor: 0.99

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26356+	CO26355	2.56	3 1-	4ACSR	0	0	1796	340	4	0	0	0.00	0.20	0
CO26506+	CO26356	2.69	3 1-	4ACSR	0	0	1743	337	4	0	0	0.00	0.20	0
CO26507+	CO26506	2.85	2 1-	4ACSR	0	0	1677	334	4	0	0	0.00	0.20	0
CO26559+	CO26507	3.13	1 1-	4ACSR	0	0	1567	328	0	0	0	0.00	0.20	0
CO26428+	CO26559	3.42	1 1-	4ACSR	0	0	1466	322	0	0	0	0.00	0.20	0
CO26427+	CO26428	3.48	1 1-	4ACSR	0	0	1443	321	0	0	0	0.00	0.20	0
CO26558+	CO26427	3.49	1 1-	2ACSR	0	0	1442	321	0	0	0	0.00	0.20	0
CO26557+	CO26558	3.50	1 1-	2ACSR	0	0	1438	321	0	0	0	0.00	0.20	0
CO26563+	CO26557	3.61	1 1-	4ACSR	0	0	1402	319	0	0	0	0.00	0.20	0
CO26564+	CO26563	3.71	0 1-	4ACSR	0	0	1371	317	0	0	0	0.00	0.20	0
SW208-B+	CO26557	3.50	0 1-	Open	0	0	1438	321	0	0	0	0.00	0.20	0
CO26374+	CO26504	2.26	1 1-	4ACSR	0	0	1882	342	0	0	0	0.00	0.18	0
SUB	0 total losses:													
		\$46,211												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 5	FLEMINGSBURG	2510			3065	3104	3123	357	22315					
CO15506+	FLEMINGSBURG	0.00	2510	3- 750 MCM - 42 Wi	3064	3102	3121	357	22315	500	43	0.00	0.00	54
CO15507+	CO15506	0.01	2510	3- 750 MCM - 42 Wi	3063	3100	3119	357	22314	500	43	0.00	0.01	42
CO15512+	CO15507	0.02	693	3- 500PRIURD	3063	3094	3113	915	5836	130	38	0.00	0.01	21
Underbuild+	CO15512	0.02	693	3- 560 200WVE	3063	3094	3113	915	5836	130	23	0.00	0.01	0
CO15178+	Underbuild	0.04	693	3- 500PRIURD	3065	3084	3101	914	5836	130	38	0.00	0.01	48
CO15370+	CO15178	0.10	693	3- 4/0ACSR	3035	3051	3052	357	5836	130	38	0.04	0.05	291
CO-6922792+	CO15370	0.48	691	3- 4/0ACSR	2856	2850	2773	354	5808	130	38	0.23	0.28	1830
CO-768581734+	CO-6922792	0.89	690	3- 4/0ACSR	2678	2649	2512	351	5792	129	38	0.26	0.54	2028
CO15009+	CO-768581734	0.95	690	3- 4/0ACSR	2655	2623	2479	351	5782	129	38	0.04	0.58	284
CO14919+	CO15009	1.00	2	3- 4ACSR	2631	2593	2444	350	128	2	2	0.00	0.58	0
CO14918+	CO14919	1.05	1	3- 4ACSR	2606	2564	2410	349	62	1	1	0.00	0.58	0
CO14917+	CO14918	1.07	1	3- 4ACSR	2591	2545	2389	348	62	1	1	0.00	0.58	0
CO15010+	CO15009	0.97	688	3- 4/0ACSR	2648	2615	2469	351	5653	127	37	0.01	0.59	80
CO15011+	CO15010	1.01	685	3- 4/0ACSR	2632	2598	2448	351	5617	126	37	0.02	0.61	178
CO15012+	CO15011	1.05	677	3- 4/0ACSR	2616	2580	2426	350	5586	125	37	0.02	0.64	188
CO14795+	CO15012	1.13	663	3- 4/0ACSR	2587	2547	2385	350	5533	124	37	0.05	0.68	347
CO14794+	CO14795	1.19	631	3- 4/0ACSR	2564	2522	2354	349	5192	116	34	0.03	0.72	236
CO15154+	CO14794	1.20	0	1- 4ACSR	0	0	2345	349	0	0	0	0.00	0.72	0
CO15152+	CO14794	1.25	2	1- 4ACSR	0	0	2312	348	24	1	1	0.00	0.72	0
CO14933+	CO15152	1.27	1	1- 4ACSR	0	0	2298	347	8	0	0	0.00	0.72	0
CO15024+	CO14794	1.24	629	3- 4/0ACSR	2543	2499	2326	349	5167	116	34	0.03	0.75	216
CO15025+	CO15024	1.32	629	3- 4/0ACSR	2516	2469	2290	348	5166	116	34	0.04	0.79	286
CO14865+	CO15025	1.33	626	3- 4/0ACSR	2512	2464	2284	348	5131	115	34	0.01	0.79	45
CO14864+	CO14865	1.40	625	3- 4/0ACSR	2485	2435	2249	348	5121	115	34	0.04	0.84	287
CO14863+	CO14864	1.56	624	3- 4/0ACSR	2432	2376	2180	347	5120	115	34	0.08	0.92	584
CO14862+	CO14863	1.74	624	3- 4/0ACSR	2372	2310	2104	345	5117	115	34	0.10	1.02	682
CO35038291+	CO14862	2.02	571	3- 4/0ACSR	2286	2216	1996	344	4605	103	30	0.13	1.15	857
CO1910179338+	CO35038291	3.08	566	3- 4/0ACSR	2002	1914	1666	336	4565	102	30	0.51	1.66	3223
CO14866+	CO1910179338	3.17	566	3- 4/0ACSR	1980	1890	1642	336	4550	102	30	0.05	1.70	292
CO17299+	CO14866	3.18	27	1- 6ACWC	0	0	1639	336	173	11	9	0.00	1.71	0
OC449+	CO17299	3.18	27	1- 50 E OCR	0	0	1639	336	173	11	24	0.00	1.71	0
CO17300+	OC449	3.21	27	1- 6ACWC	0	0	1626	335	173	11	9	0.01	1.72	3
CO15041+	CO17300	3.31	26	1- 6ACWC	0	0	1590	333	173	11	9	0.03	1.74	7
CO14895+	CO15041	3.36	26	1- 6ACWC	0	0	1574	332	173	11	9	0.01	1.75	3
CO14894+	CO14895	3.42	23	1- 6ACWC	0	0	1554	331	163	11	8	0.01	1.77	4
CO15150+	CO14894	3.43	23	1- 6ACWC	0	0	1548	330	163	11	8	0.00	1.77	0
CO15151+	CO15150	3.47	18	1- 6ACWC	0	0	1534	329	138	9	7	0.01	1.78	0
CO15042+	CO15151	3.50	17	1- 6ACWC	0	0	1524	329	136	9	7	0.01	1.79	0
CO14858+	CO15042	3.54	14	1- 6ACWC	0	0	1511	328	101	6	5	0.01	1.79	0
CO14857+	CO14858	3.65	13	1- 6ACWC	0	0	1474	326	100	6	5	0.02	1.81	3
CO15045+	CO14857	3.72	12	1- 6ACWC	0	0	1452	325	99	6	5	0.01	1.82	0
CO15048+	CO15045	3.79	7	1- 6ACWC	0	0	1429	323	63	4	3	0.01	1.83	0
CO15049+	CO15048	3.86	6	1- 6ACWC	0	0	1407	322	61	4	3	0.01	1.83	0
CO14813+	CO15049	3.89	2	1- 6ACWC	0	0	1399	321	25	1	1	0.00	1.84	0
CO15050+	CO15049	3.89	4	1- 6ACWC	0	0	1399	321	36	2	2	0.00	1.84	0
CO15051+	CO15050	3.92	2	1- 6ACWC	0	0	1390	321	26	1	1	0.00	1.84	0
CO14788+	CO15051	3.99	2	1- 6ACWC	0	0	1367	319	26	1	1	0.00	1.84	0
CO14904+	CO14788	4.10	2	1- 6ACWC	0	0	1337	317	26	1	1	0.00	1.84	0
CO14903+	CO14904	4.17	0	1- 6ACWC	0	0	1316	316	0	0	0	0.00	1.84	0
CO14861+	CO14788	4.35	0	1- 6ACWC	0	0	1267	312	0	0	0	0.00	1.84	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14860+	CO14861	4.45	0 1-	6ACWC	0	0	1242	311	0	0	0	0.00	1.84	0
CO14859+	CO14860	4.52	0 1-	6ACWC	0	0	1223	309	0	0	0	0.00	1.84	0
CO14812+	CO15051	4.03	0 1-	6ACWC	0	0	1356	318	0	0	0	0.00	1.84	0
CO15046+	CO15045	3.77	5 1-	6ACWC	0	0	1435	323	36	2	2	0.00	1.82	0
CO15047+	CO15046	3.79	3 1-	6ACWC	0	0	1431	323	13	0	1	0.00	1.82	0
CO14905+	CO15047	3.82	3 1-	6ACWC	0	0	1419	322	13	0	1	0.00	1.82	0
CO15043+	CO15042	3.57	3 1-	6ACWC	0	0	1500	327	35	2	2	0.00	1.79	0
CO15044+	CO15043	3.61	1 1-	6ACWC	0	0	1486	327	14	0	1	0.00	1.79	0
CO14906+	CO15044	3.64	1 1-	6ACWC	0	0	1477	326	14	0	1	0.00	1.79	0
CO14897+	CO14866	3.19	33 1-	6ACWC	0	0	1633	335	321	22	16	0.01	1.72	6
CO14896+	CO14897	3.24	32 1-	6ACWC	0	0	1617	334	299	20	15	0.02	1.74	10
CO14872+	CO14896	3.49	4 1-	6ACWC	0	0	1526	329	25	1	1	0.01	1.75	0
CO15156+	CO14872	3.55	4 1-	6ACWC	0	0	1507	328	25	1	1	0.00	1.75	0
CO15061+	CO15156	3.59	4 1-	6ACWC	0	0	1495	327	25	1	1	0.00	1.75	0
CO15060+	CO15061	3.66	2 1-	6ACWC	0	0	1470	326	15	1	1	0.00	1.75	0
CO14848+	CO15060	3.70	1 1-	4ACSR	0	0	1458	325	5	0	0	0.00	1.75	0
CO15130+	CO15060	3.67	0 1-	6ACWC	0	0	1467	325	0	0	0	0.00	1.75	0
CO15128+	CO14896	3.25	28 1-	6ACWC	0	0	1614	334	274	18	13	0.00	1.74	0
OC448+	CO15128	3.25	28 1-	50 E OCR	0	0	1614	334	274	18	38	0.00	1.74	0
CO15129+	OC448	3.27	28 1-	6ACWC	0	0	1606	334	274	18	13	0.01	1.75	4
CO15052+	CO15129	3.30	6 1-	4ACSR	0	0	1594	333	87	5	4	0.00	1.75	0
CO15053+	CO15052	3.38	3 1-	4ACSR	0	0	1566	331	49	3	2	0.01	1.76	0
CO14929+	CO15053	3.48	2 1-	4ACSR	0	0	1532	329	31	2	2	0.00	1.76	0
CO15006+	CO14929	3.53	1 1-	2ACSR	0	0	1517	329	20	1	1	0.00	1.76	0
CO15005+	CO15006	3.55	1 1-	2ACSR	0	0	1511	328	20	1	1	0.00	1.76	0
CO14928+	CO14929	3.52	1 1-	4ACSR	0	0	1516	328	11	0	1	0.00	1.76	0
CO14830+	CO15053	3.41	1 1-	4ACSR	0	0	1556	331	18	1	1	0.00	1.76	0
CO14829+	CO15053	3.71	0 1-	4ACSR	0	0	1453	325	0	0	0	0.00	1.76	0
CO15054+	CO15129	3.38	19 1-	6ACWC	0	0	1568	331	162	11	8	0.02	1.77	6
CO15055+	CO15054	3.46	17 1-	6ACWC	0	0	1540	330	132	9	6	0.02	1.79	3
CO15056+	CO15055	3.49	16 1-	6ACWC	0	0	1526	329	128	8	6	0.01	1.80	0
CO14932+	CO15056	3.65	2 1-	4ACSR	0	0	1475	326	27	1	1	0.00	1.80	0
CO14931+	CO14932	3.76	1 1-	4ACSR	0	0	1438	324	12	0	1	0.00	1.80	0
CO14834+	CO14931	3.80	1 1-	4ACSR	0	0	1426	323	12	0	1	0.00	1.80	0
CO14930+	CO14931	3.84	0 1-	4ACSR	0	0	1414	322	0	0	0	0.00	1.80	0
CO15057+	CO15056	3.52	14 1-	6ACWC	0	0	1518	329	101	6	5	0.00	1.80	0
CO15058+	CO15057	3.59	13 1-	6ACWC	0	0	1494	327	95	6	5	0.01	1.81	0
CO15059+	CO15058	3.67	9 1-	6ACWC	0	0	1467	325	50	3	2	0.01	1.81	0
CO17254+	CO15059	3.89	9 1-	6ACWC	0	0	1397	321	50	3	2	0.01	1.83	0
CO13003+	CO17254	4.06	8 1-	6ACWC	0	0	1347	318	30	2	1	0.01	1.84	0
CO12940+	CO13003	4.44	2 1-	6ACWC	0	0	1244	311	11	0	1	0.01	1.84	0
CO13059+	CO12940	4.52	2 1-	4ACSR	0	0	1225	309	11	0	1	0.00	1.84	0
CO13145+	CO13059	5.14	0 1-	4ACSR	0	0	1082	298	0	0	0	0.00	1.84	0
CO12972+	CO12940	4.48	0 1-	8ACWC	0	0	1232	310	0	0	0	0.00	1.84	0
CO12973+	CO13003	4.12	1 1-	6ACWC	0	0	1331	317	0	0	0	0.00	1.84	0
CO13135+	CO13003	4.21	5 1-	4ACSR	0	0	1304	315	19	1	1	0.00	1.84	0
CO13095+	CO13135	4.24	3 1-	4ACSR	0	0	1296	314	15	1	1	0.00	1.84	0
CO13097+	CO13095	4.28	3 1-	4ACSR	0	0	1286	314	15	1	1	0.00	1.84	0
CO13096+	CO13097	4.36	1 1-	4ACSR	0	0	1265	312	10	0	0	0.00	1.84	0
CO13098+	CO13135	4.24	2 1-	4ACSR	0	0	1296	314	4	0	0	0.00	1.84	0
CO13099+	CO13098	4.34	2 1-	4ACSR	0	0	1271	313	4	0	0	0.00	1.84	0
CO14871+	CO14866	3.20	506 3-	4/0ACSR	1973	1883	1634	335	4054	91	27	0.01	1.72	71

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14833+	CO14871	3.26	2 1-	4ACSR	0	0	1613	334	20	1	1	0.00	1.72	0
CO14870+	CO14871	3.41	504 3-	4/0ACSR	1925	1833	1582	334	4033	91	27	0.09	1.81	510
CO14869+	CO14870	3.61	504 3-	4/0ACSR	1884	1790	1538	333	4031	91	27	0.08	1.89	456
CO15131+	CO14869	3.61	0 1-	6ACWC	0	0	1536	333	0	0	0	0.00	1.89	0
CO14873+	CO14869	3.68	504 3-	4/0ACSR	1868	1774	1521	332	4029	91	27	0.03	1.92	181
CO15121+	CO14873	4.26	504 3-	4/0ACSR	1756	1658	1405	328	4028	91	27	0.24	2.16	1375
CO-674900173+	CO15121	4.30	13 1-	2ACSR	0	0	1395	328	101	6	4	0.00	2.16	0
CO14969+	CO-674900173	4.41	4 1-	4ACSR	0	0	1365	326	33	2	2	0.00	2.17	0
CO14968+	CO14969	4.44	0 1-	4ACSR	0	0	1355	325	0	0	0	0.00	2.17	0
CO1265147584+	CO-674900173	4.40	9 1-	2ACSR	0	0	1372	326	67	4	3	0.01	2.17	0
CO14889+	CO1265147584	4.45	9 1-	4ACSR	0	0	1356	325	67	4	3	0.01	2.18	0
CO14971+	CO14889	4.49	9 1-	4ACSR	0	0	1345	324	67	4	3	0.00	2.18	0
CO14970+	CO14971	4.55	9 1-	4ACSR	0	0	1331	323	67	4	3	0.01	2.19	0
CO15066+	CO14970	4.57	8 1-	4ACSR	0	0	1326	323	53	3	3	0.00	2.19	0
CO15067+	CO15066	4.59	7 1-	4ACSR	0	0	1321	323	49	3	2	0.00	2.19	0
CO15068+	CO15067	4.61	5 1-	4ACSR	0	0	1314	322	39	2	2	0.00	2.19	0
CO14998+	CO15068	4.63	4 1-	2ACSR	0	0	1310	322	34	2	1	0.00	2.19	0
CO14997+	CO14998	4.65	1 1-	2ACSR	0	0	1305	321	8	0	0	0.00	2.19	0
CO14852+	CO14997	4.69	1 1-	2ACSR	0	0	1297	321	8	0	0	0.00	2.19	0
CO14996+	CO14997	4.67	0 1-	2ACSR	0	0	1302	321	0	0	0	0.00	2.19	0
CO14851+	CO14998	4.64	3 1-	2ACSR	0	0	1308	322	26	1	1	0.00	2.19	0
CO15000+	CO15121	4.29	8 1-	2ACSR	0	0	1398	328	65	4	2	0.00	2.16	0
CO14974+	CO15000	4.34	7 1-	4ACSR	0	0	1382	327	49	3	2	0.00	2.16	0
CO14973+	CO14974	4.36	4 1-	4ACSR	0	0	1379	327	16	1	1	0.00	2.16	0
CO14849+	CO14973	4.40	2 1-	4ACSR	0	0	1367	326	6	0	0	0.00	2.16	0
CO14972+	CO14973	4.39	1 1-	4ACSR	0	0	1368	326	3	0	0	0.00	2.16	0
CO532205845+	CO15121	4.37	483 3-	4/0ACSR	1735	1636	1383	328	3857	87	26	0.05	2.20	257
CO15064+	CO532205845	4.40	4 1-	4ACSR	0	0	1377	327	40	2	2	0.00	2.21	0
CO15065+	CO15064	4.45	2 1-	4ACSR	0	0	1363	326	15	1	1	0.00	2.21	0
CO264921877+	CO532205845	4.45	479 3-	4/0ACSR	1721	1623	1370	327	3815	86	25	0.03	2.23	157
CO15075+	CO264921877	4.57	3 1-	4ACSR	0	0	1337	325	14	0	1	0.00	2.23	0
CO15071+	CO264921877	4.58	476 3-	4/0ACSR	1698	1599	1346	326	3801	86	25	0.05	2.29	292
CO30695+	CO15071	4.60	0 3-	4/0ACSR	1695	1596	1344	326	0	0	0	0.00	2.29	0
CO15133+	CO15071	4.59	476 3-	4/0ACSR	1697	1598	1345	326	3800	86	25	0.00	2.29	10
RG30+	CO15133	4.59	476 3-	200	1697	1598	1345	326	3800	86	43	-2.29	0.00	0
CO14881+	RG30	4.72	39 3-	1/0ACSR	1670	1570	1320	325	335	7	3	0.01	0.01	4
CO14880+	CO14881	4.78	37 3-	1/0ACSR	1658	1558	1309	324	323	7	3	0.00	0.01	0
CO782492974+	CO14880	4.79	3 3-	1/0ACSR	1657	1556	1308	324	9	0	0	0.00	0.01	0
CO15135+	CO782492974	4.87	3 3-	1/0ACSR	1640	1539	1292	323	9	0	0	0.00	0.01	0
CO15090+	CO15135	4.90	2 3-	1/0ACSR	1634	1533	1286	323	6	0	0	0.00	0.01	0
CO15091+	CO15090	4.97	2 3-	1/0ACSR	1620	1518	1273	322	6	0	0	0.00	0.01	0
CO779947017+	CO15091	5.01	0 3-	2ACSR	1612	1509	1266	322	0	0	0	0.00	0.01	0
CO1154394619+	CO779947017	5.01	0 3-	2ACSR	1611	1509	1265	322	0	0	0	0.00	0.01	0
CO17257+	CO14880	5.06	27 3-	1/0ACSR	1603	1501	1258	321	260	5	3	0.01	0.03	6
CO30671+	CO17257	5.17	0 3-	1/0ACSR	1583	1480	1240	320	0	0	0	0.00	0.03	0
CO13068+	CO17257	5.07	27 3-	1/0ACSR	1601	1499	1257	321	260	5	3	0.00	0.03	0
CO13136+	CO13068	5.08	9 1-	6ACWC	0	0	1255	321	130	8	6	0.00	0.03	0
OC366+	CO13136	5.08	9 1-	25 E OCR	0	0	1255	321	130	8	35	0.00	0.03	0
CO17258+	OC366	5.21	9 1-	6ACWC	0	0	1224	319	130	8	6	0.03	0.06	6
CO15063+	CO17258	5.28	9 1-	6ACWC	0	0	1210	317	130	8	6	0.01	0.06	0
CO15062+	CO15063	5.33	8 1-	6ACWC	0	0	1197	316	58	3	3	0.01	0.07	0
CO14887+	CO15062	5.40	7 1-	6ACWC	0	0	1183	315	58	3	3	0.01	0.08	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15069+	CO14887	5.58	3 1-	6ACWC	0	0	1144	312	12	0	1	0.00	0.08	0
OC1083824963+	CO15069	5.58	2 1-	20 N FUSE	0	0	1144	312	12	0	4	0.00	0.08	0
CO14886+	OC1083824963	5.75	2 1-	6ACWC	0	0	1110	308	12	0	1	0.00	0.08	0
CO14885+	CO14886	5.82	2 1-	6ACWC	0	0	1096	307	12	0	1	0.00	0.08	0
CO14853+	CO14885	5.89	1 1-	2ACSR	0	0	1085	306	12	0	0	0.00	0.08	0
CO14884+	CO14885	5.85	1 1-	6ACWC	0	0	1092	307	0	0	0	0.00	0.08	0
CO14883+	CO14884	5.92	1 1-	6ACWC	0	0	1077	305	0	0	0	0.00	0.08	0
CO14882+	CO14883	5.98	1 1-	6ACWC	0	0	1067	304	0	0	0	0.00	0.08	0
CO14961+	CO14887	5.51	4 1-	6ACWC	0	0	1161	313	45	3	2	0.01	0.08	0
CO14963+	CO14961	5.61	3 1-	6ACWC	0	0	1139	311	36	2	2	0.01	0.09	0
CO14962+	CO14963	5.65	3 1-	6ACWC	0	0	1131	310	36	2	2	0.00	0.09	0
CO14960+	CO14961	5.53	1 1-	6ACWC	0	0	1155	313	9	0	0	0.00	0.08	0
CO14959+	CO14960	5.62	1 1-	6ACWC	0	0	1137	311	9	0	0	0.00	0.08	0
CO13137+	CO13068	5.08	18 1-	6HDCU	0	0	1255	321	130	8	7	0.00	0.03	0
OC-2129705723+	CO13137	5.08	18 1-	20 N FUSE	0	0	1255	321	130	8	44	0.00	0.03	0
CO13138+	OC-2129705723	5.09	18 1-	6HDCU	0	0	1252	321	130	8	7	0.00	0.03	0
CO-38597912+	CO13138	5.10	0 1-	2ACSR	0	0	1249	321	0	0	0	0.00	0.03	0
CO195618093+	CO-38597912	5.20	0 1-	2ACSR	0	0	1230	319	0	0	0	0.00	0.03	0
CO-1166794840+	CO-38597912	5.12	0 1-	2ACSR	0	0	1245	321	0	0	0	0.00	0.03	0
CO13052+	CO13138	5.20	17 1-	6HDCU	0	0	1227	319	119	8	6	0.02	0.05	4
CO13021+	CO13052	5.26	2 1-	4ACSR	0	0	1214	318	17	1	1	0.00	0.05	0
OC1414540629+	CO13021	5.26	1 1-	20 N FUSE	0	0	1214	318	5	0	2	0.00	0.05	0
CO13022+	OC1414540629	5.33	1 1-	4ACSR	0	0	1198	316	5	0	0	0.00	0.05	0
CO13023+	CO13052	5.23	15 1-	6HDCU	0	0	1221	318	101	6	5	0.00	0.06	0
CO13121+	CO13023	5.37	15 1-	6HDCU	0	0	1189	316	101	6	5	0.02	0.08	3
CO13024+	CO13121	5.43	14 1-	6HDCU	0	0	1177	314	98	6	5	0.01	0.09	0
CO13025+	CO13024	5.55	13 1-	6HDCU	0	0	1152	312	89	6	5	0.02	0.10	2
CO12984+	CO13025	5.65	0 1-	4ACSR	0	0	1132	310	0	0	0	0.00	0.10	0
CO12946+	CO13025	5.74	13 1-	6HDCU	0	0	1114	309	89	6	5	0.03	0.13	4
CO13148+	CO12946	5.89	13 1-	6HDCU	0	0	1084	306	89	6	5	0.02	0.15	3
CO13063+	CO13148	5.92	13 1-	6HDCU	0	0	1079	305	89	6	5	0.00	0.15	0
CO12945+	CO13063	5.99	3 1-	4ACSR	0	0	1067	304	8	0	0	0.00	0.15	0
CO13030+	CO12945	6.07	2 1-	4ACSR	0	0	1052	303	2	0	0	0.00	0.15	0
CO13031+	CO13030	6.42	1 1-	4ACSR	0	0	990	297	1	0	0	0.00	0.15	0
CO12982+	CO12945	6.06	1 1-	4ACSR	0	0	1053	303	7	0	0	0.00	0.15	0
CO13026+	CO13063	5.97	4 1-	6HDCU	0	0	1071	305	22	1	1	0.00	0.15	0
CO13027+	CO13026	6.13	3 1-	6HDCU	0	0	1041	302	12	0	1	0.00	0.16	0
CO12981+	CO13027	6.38	1 1-	4ACSR	0	0	998	298	0	0	0	0.00	0.16	0
CO12980+	CO13027	6.22	2 1-	4ACSR	0	0	1026	300	12	0	1	0.00	0.16	0
CO13028+	CO13063	6.05	6 1-	6HDCU	0	0	1055	303	59	3	3	0.01	0.16	0
CO13029+	CO13028	6.11	4 1-	6HDCU	0	0	1045	302	54	3	3	0.00	0.17	0
CO12991+	CO13029	6.15	1 1-	4ACSR	0	0	1037	301	0	0	0	0.00	0.17	0
CO13074+	CO13029	6.15	3 1-	6HDCU	0	0	1037	301	54	3	3	0.00	0.17	0
CO13075+	CO13074	6.19	2 1-	6HDCU	0	0	1031	301	42	2	2	0.00	0.17	0
CO13104+	CO13075	6.21	2 1-	4ACSR	0	0	1027	300	42	2	2	0.00	0.18	0
CO13105+	CO13104	6.28	2 1-	4ACSR	0	0	1014	299	42	2	2	0.00	0.18	0
CO-732329251+	CO13105	6.42	1 1-	2ACSR	0	0	995	298	23	1	1	0.00	0.18	0
CO13078+	CO13075	6.38	0 1-	6HDCU	0	0	999	298	0	0	0	0.00	0.17	0
CO14958+	CO14880	4.87	6 1-	4ACSR	0	0	1286	322	45	3	2	0.01	0.02	0
CO15088+	CO14958	4.92	4 1-	4ACSR	0	0	1275	322	27	1	1	0.00	0.02	0
CO15089+	CO15088	4.95	3 1-	4ACSR	0	0	1267	321	23	1	1	0.00	0.02	0
CO14957+	CO15089	4.98	2 1-	4ACSR	0	0	1259	320	11	0	1	0.00	0.02	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-1650733152+	CO14957	5.03	2 1-	2ACSR	0	0	1250	320	11	0	0	0.00	0.02	0
CO14847+	CO14958	4.91	1 1-	4ACSR	0	0	1276	322	13	0	1	0.00	0.02	0
CO14802+	RG30	4.77	437 3-	1/0ACSR	1660	1560	1311	324	3465	76	33	0.11	0.11	612
CO14939+	CO14802	4.96	1 1-	4ACSR	0	0	1264	321	0	0	0	0.00	0.11	0
OC260983645+	CO14939	4.96	0 1-	20 N FUSE	0	0	1264	321	0	0	0	0.00	0.11	0
CO14801+	CO14802	4.96	436 3-	1/0ACSR	1623	1521	1276	322	3462	76	33	0.12	0.23	644
CO15136+	CO14801	4.97	433 3-	1/0ACSR	1621	1520	1275	322	3443	76	33	0.00	0.24	22
OC444+	CO15136	4.97	433 3-	70 E OCR	1621	1520	1275	322	3443	76	109	0.00	0.24	0
CO15137+	OC444	5.20	433 3-	1/0ACSR	1578	1475	1235	320	3443	76	33	0.14	0.38	772
CO14942+	CO15137	5.30	2 1-	4ACSR	0	0	1212	318	16	1	1	0.00	0.38	0
OC-1533721176+	CO14942	5.30	1 1-	20 N FUSE	0	0	1212	318	1	0	0	0.00	0.38	0
CO14941+	OC-1533721176	5.33	1 1-	4ACSR	0	0	1206	318	1	0	0	0.00	0.38	0
CO14940+	CO14941	5.42	1 1-	4ACSR	0	0	1185	316	1	0	0	0.00	0.38	0
CO796303272+	CO15137	5.30	429 3-	2ACSR	1556	1452	1215	319	3407	75	42	0.10	0.48	546
XFMR23	CO796303272	5.30	429 3-	1000 KVA 1PH AU	1568	1520	1377	174	3405	75	109	0.57	1.05	0
CO-1720559975	XFMR23	5.61	429 3-	2ACSR	1457	1396	1250	172	3405	151	84	1.16	2.21	6562
CO14804	CO-1720559975	6.15	427 3-	1/0ACSR	1307	1237	1090	169	3366	151	66	1.28	3.49	7101
CO15076	CO14804	6.26	112 3-	1/0ACSR	1280	1209	1063	169	954	44	19	0.08	3.58	121
OC-1741594903	CO15076	6.26	111 3-	20 N FUSE	1280	1209	1063	169	953	44	222	0.00	3.58	0
CO15077	OC-1741594903	6.40	111 3-	1/0ACSR	1247	1174	1029	168	953	44	19	0.11	3.69	157
CO15083	CO15077	6.58	101 3-	1/0ACSR	1205	1131	987	167	821	38	17	0.12	3.81	152
CO15084	CO15083	6.70	100 3-	1/0ACSR	1179	1104	962	167	805	37	16	0.08	3.89	97
CO-1198315617	CO15084	6.74	1 1-	4ACSR	0	0	950	166	12	1	1	0.00	3.89	0
OC-431316514	CO-1198315617	6.74	1 1-	20 N FUSE	0	0	950	166	12	1	9	0.00	3.89	0
CO1353017153	OC-431316514	6.80	1 1-	2ACSR	0	0	937	166	12	1	1	0.00	3.89	0
CO593110354	OC-431316514	6.78	0 1-	4ACSR	0	0	941	166	0	0	0	0.00	3.89	0
CO14944	CO593110354	6.84	0 1-	4ACSR	0	0	923	165	0	0	0	0.00	3.89	0
CO14876	CO15084	6.78	97 3-	1/0ACSR	1163	1088	947	166	777	36	16	0.05	3.94	57
CO14875	CO14876	7.09	97 3-	1/0ACSR	1101	1025	888	165	777	36	16	0.20	4.13	232
CO15004	CO14875	7.15	2 1-	4ACSR	0	0	873	164	8	1	1	0.00	4.14	0
OC-2024975315	CO15004	7.15	1 1-	20 N FUSE	0	0	873	164	0	0	0	0.00	4.14	0
CO15003	OC-2024975315	7.17	1 1-	4ACSR	0	0	867	164	0	0	0	0.00	4.14	0
CO14874	CO14875	7.13	94 3-	1/0ACSR	1094	1017	881	165	753	35	15	0.02	4.16	29
CO14898	CO14874	7.29	56 1-	4ACSR	0	0	842	163	395	55	40	0.40	4.56	254
CO14899	CO14898	7.31	55 1-	4ACSR	0	0	839	163	377	53	38	0.04	4.60	26
CO14900	CO14899	7.34	55 1-	4ACSR	0	0	830	162	376	53	38	0.09	4.69	57
CO14901	CO14900	7.39	55 1-	4ACSR	0	0	819	162	376	53	38	0.12	4.81	72
CO15138	CO14901	7.40	55 1-	4ACSR	0	0	818	162	376	53	38	0.02	4.82	10
OC441	CO15138	7.40	55 1-	50 H OCR	0	0	818	162	376	53	106	0.00	4.82	0
CO15139	OC441	7.66	55 1-	4ACSR	0	0	764	159	376	53	38	0.63	5.45	392
CO15790	CO15139	7.70	3 1-	4ACSR	0	0	755	159	10	1	1	0.00	5.45	0
CO15791	CO15790	7.83	1 1-	4ACSR	0	0	731	158	1	0	0	0.00	5.45	0
CO15687	CO15139	7.74	52 1-	4ACSR	0	0	747	159	364	51	37	0.20	5.65	121
CO15641	CO15687	7.80	50 1-	4ACSR	0	0	736	158	348	49	35	0.13	5.78	74
CO17200	CO15641	7.84	50 1-	4ACSR	0	0	729	158	347	49	35	0.09	5.87	49
CO17198	CO17200	8.06	49 1-	4ACSR	0	0	690	156	336	47	34	0.49	6.36	275
CO15555	CO17198	8.28	47 1-	4ACSR	0	0	655	154	306	43	31	0.44	6.80	223
OC-1568984116	CO15555	8.28	47 1-	20 N FUSE	0	0	655	154	305	43	219	0.00	6.80	0
CO15601	OC-1568984116	8.35	0 1-	4ACSR	0	0	645	153	0	0	0	0.00	6.80	0
CO15640	OC-1568984116	8.36	47 1-	4ACSR	0	0	644	153	305	43	31	0.15	6.94	75
CO15797	CO15640	8.44	45 1-	4ACSR	0	0	632	152	295	42	30	0.16	7.10	77
CO15798	CO15797	8.51	44 1-	4ACSR	0	0	621	152	290	41	30	0.14	7.24	66

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15796	CO15798	8.62	42 1-	4ACSR	0	0	606	151	285	41	29	0.21	7.45	100
CO15794	CO15796	8.85	39 1-	4ACSR	0	0	577	149	276	39	28	0.40	7.85	184
CO15795	CO15794	8.98	38 1-	4ACSR	0	0	562	148	257	37	27	0.22	8.07	96
CO15556	CO15795	9.12	33 1-	4ACSR	0	0	547	147	236	34	24	0.21	8.28	83
CO15561	CO15556	9.13	33 1-	4ACSR	0	0	544	146	236	34	24	0.03	8.31	12
CO15821	CO15561	9.31	3 1-	4ACSR	0	0	525	145	24	3	2	0.03	8.34	0
CO-38563364	CO15821	9.34	1 1-	2ACSR	0	0	523	145	8	1	1	0.00	8.34	0
CO1618056843	CO-38563364	9.38	1 1-	2ACSR	0	0	520	145	8	1	1	0.00	8.34	0
CO15602	CO15821	9.38	0 1-	4ACSR	0	0	519	144	0	0	0	0.00	8.34	0
CO15822	CO15821	9.45	2 1-	4ACSR	0	0	512	144	16	2	2	0.01	8.34	0
CO15863	CO15561	9.17	30 1-	4ACSR	0	0	541	146	211	30	22	0.05	8.36	17
CO15864	CO15863	9.19	30 1-	4ACSR	0	0	538	146	211	30	22	0.03	8.39	11
CO15603	CO15864	9.24	1 1-	4ACSR	0	0	533	145	0	0	0	0.00	8.39	0
CO15804	CO15864	9.28	28 1-	4ACSR	0	0	529	145	208	30	22	0.13	8.51	45
CO15805	CO15804	9.42	28 1-	4ACSR	0	0	515	144	207	30	22	0.18	8.69	61
CO15644	CO15805	9.70	26 1-	4ACSR	0	0	488	142	196	28	20	0.37	9.06	123
OC1416300062	CO15644	9.70	26 1-	20 N FUSE	0	0	488	142	195	28	142	0.00	9.06	0
CO15647	OC1416300062	9.77	0 1-	4ACSR	0	0	483	141	0	0	0	0.00	9.06	0
SW1132832893-A	CO15647	9.77	0 1-	Open	0	0	483	141	0	0	0	0.00	9.06	0
CO15777	OC1416300062	9.85	26 1-	4ACSR	0	0	476	141	195	28	20	0.19	9.25	62
CO15778	CO15777	9.99	25 1-	4ACSR	0	0	464	140	191	27	20	0.18	9.43	59
CO15613	CO15778	10.01	1 1-	4ACSR	0	0	462	140	11	1	1	0.00	9.43	0
CO15605	CO15778	10.14	1 1-	4ACSR	0	0	452	139	3	0	0	0.00	9.43	0
CO15557	CO15778	10.06	23 1-	4ACSR	0	0	458	139	176	25	18	0.08	9.51	24
CO15745	CO15557	10.08	7 1-	4ACSR	0	0	456	139	69	10	7	0.01	9.52	0
CO15819	CO15745	10.13	7 1-	2ACSR	0	0	454	139	69	10	6	0.01	9.53	0
CO15820	CO15819	10.16	5 1-	2ACSR	0	0	452	139	48	7	4	0.01	9.54	0
CO15744	CO15820	10.20	4 1-	4ACSR	0	0	448	138	38	5	4	0.01	9.55	0
CO15716	CO15744	10.27	2 1-	2ACSR	0	0	444	138	21	3	2	0.01	9.55	0
CO15697	CO15716	10.35	1 1-	2ACSR	0	0	440	138	12	1	1	0.00	9.56	0
CO15698	CO15697	10.44	1 1-	2ACSR	0	0	435	137	12	1	1	0.00	9.56	0
CO1072546039	CO15698	10.49	0 1-	2ACSR	0	0	432	137	0	0	0	0.00	9.56	0
CO15558	CO15557	10.13	15 1-	4ACSR	0	0	453	139	92	13	10	0.04	9.55	6
CO15714	CO15558	10.17	2 1-	4ACSR	0	0	449	138	19	2	2	0.00	9.55	0
CO15715	CO15714	10.22	1 1-	4ACSR	0	0	446	138	9	1	1	0.00	9.56	0
CO15607	CO15558	10.15	2 1-	4ACSR	0	0	451	139	18	2	2	0.00	9.55	0
CO15559	CO15558	10.32	10 1-	4ACSR	0	0	438	137	45	6	5	0.06	9.61	4
CO15788	CO15559	10.44	7 1-	4ACSR	0	0	429	136	31	4	3	0.02	9.63	0
CO15789	CO15788	10.51	6 1-	4ACSR	0	0	425	136	31	4	3	0.01	9.65	0
CO15649	CO15789	10.55	6 1-	4ACSR	0	0	422	136	31	4	3	0.01	9.65	0
CO15786	CO15649	10.61	2 1-	4ACSR	0	0	418	135	4	0	0	0.00	9.65	0
CO15787	CO15786	10.69	0 1-	4ACSR	0	0	413	135	0	0	0	0.00	9.65	0
CO15813	CO15649	10.61	2 1-	4ACSR	0	0	418	135	6	0	1	0.00	9.65	0
CO15608	CO15813	10.66	1 1-	4ACSR	0	0	415	135	6	0	1	0.00	9.65	0
CO15814	CO15813	10.63	1 1-	4ACSR	0	0	417	135	0	0	0	0.00	9.65	0
CO15695	CO15559	10.40	2 1-	4ACSR	0	0	432	137	9	1	1	0.00	9.61	0
CO15696	CO15695	10.51	1 1-	4ACSR	0	0	425	136	6	0	1	0.00	9.61	0
CO15606	CO15557	10.13	1 1-	4ACSR	0	0	452	139	15	2	2	0.00	9.51	0
CO15645	CO15795	9.12	5 1-	4ACSR	0	0	545	146	21	3	2	0.02	8.09	0
CO15646	CO15645	9.26	4 1-	4ACSR	0	0	531	145	15	2	2	0.01	8.10	0
CO15792	CO15646	9.32	3 1-	4ACSR	0	0	525	145	6	0	1	0.00	8.10	0
CO15793	CO15792	9.43	2 1-	4ACSR	0	0	514	144	4	0	0	0.00	8.11	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15691	CO15793	9.48	1 1-	4ACSR	0	0	509	144	4	0	0	0.00	8.11	0
CO15604	CO15646	9.29	1 1-	4ACSR	0	0	528	145	9	1	1	0.00	8.10	0
CO15642	CO15796	8.75	3 1-	4ACSR	0	0	590	150	9	1	1	0.01	7.45	0
CO15815	CO15642	8.79	3 1-	4ACSR	0	0	585	149	9	1	1	0.00	7.46	0
CO15816	CO15815	8.83	2 1-	4ACSR	0	0	580	149	3	0	0	0.00	7.46	0
CO-1835737754	CO15816	8.90	1 1-	2ACSR	0	0	573	148	3	0	0	0.00	7.46	0
CO15643	CO15816	9.04	1 1-	4ACSR	0	0	555	147	0	0	0	0.00	7.46	0
CO15600	CO17198	8.09	1 1-	4ACSR	0	0	686	155	14	1	1	0.00	6.36	0
CO15599	CO17198	8.21	1 1-	4ACSR	0	0	667	154	14	2	1	0.01	6.37	0
CO15688	CO15687	7.80	2 1-	4ACSR	0	0	736	158	16	2	2	0.00	5.66	0
CO15689	CO15688	7.85	1 1-	4ACSR	0	0	728	158	3	0	0	0.00	5.66	0
CO15690	CO15689	7.89	1 1-	4ACSR	0	0	721	157	3	0	0	0.00	5.66	0
CO15120	CO14874	7.25	38 3-	1/0ACSR	1072	995	860	164	359	16	7	0.04	4.19	20
CO15140	CO15120	7.26	37 1-	4ACSR	0	0	858	164	358	50	36	0.02	4.21	9
OC450	CO15140	7.26	37 1-	20 N FUSE	0	0	858	164	358	50	251	0.00	4.21	0
CO15141	OC450	7.31	37 1-	4ACSR	0	0	846	163	358	50	36	0.13	4.34	74
CO14854	CO15141	7.35	1 1-	2ACSR	0	0	838	163	17	2	1	0.00	4.34	0
CO14877	CO15141	7.38	36 1-	4ACSR	0	0	829	163	342	47	34	0.16	4.49	88
CO14805	CO14877	7.61	34 1-	4ACSR	0	0	781	160	324	45	33	0.47	4.96	252
CO14806	CO14805	7.88	32 1-	4ACSR	0	0	728	158	308	43	31	0.55	5.51	277
CO15155	CO14806	7.96	29 1-	4ACSR	0	0	714	157	284	40	29	0.14	5.65	66
CO15087	CO15155	7.99	29 1-	4ACSR	0	0	708	157	284	40	29	0.06	5.71	29
CO17197	CO15087	8.08	27 1-	4ACSR	0	0	693	156	275	39	28	0.16	5.87	73
CO17199	CO17197	8.22	2 1-	4ACSR	0	0	672	155	32	4	3	0.02	5.89	0
CO14908	CO17199	8.24	1 1-	4ACSR	0	0	669	155	12	1	1	0.00	5.89	0
CO14907	CO14908	8.34	1 1-	4ACSR	0	0	653	154	12	1	1	0.00	5.89	0
CO15582	CO17197	8.14	2 1-	4ACSR	0	0	684	155	11	1	1	0.00	5.87	0
CO15541	CO17197	8.29	23 1-	4ACSR	0	0	660	154	232	32	24	0.31	6.18	121
CO15542	CO15541	8.39	22 1-	4ACSR	0	0	645	153	218	31	22	0.13	6.32	49
CO15673	CO15542	8.44	3 1-	4ACSR	0	0	637	153	16	2	2	0.00	6.32	0
CO15674	CO15673	8.52	1 1-	4ACSR	0	0	627	152	1	0	0	0.00	6.32	0
CO15733	CO15542	8.51	19 1-	4ACSR	0	0	628	152	201	28	20	0.16	6.47	53
CO15734	CO15733	8.63	18 1-	4ACSR	0	0	611	151	198	28	20	0.16	6.64	54
CO15543	CO15734	8.69	5 1-	4ACSR	0	0	603	151	47	6	5	0.02	6.65	0
CO15544	CO15543	8.75	3 1-	4ACSR	0	0	596	150	34	4	3	0.01	6.66	0
CO15735	CO15544	8.84	1 1-	4ACSR	0	0	584	149	4	0	0	0.00	6.66	0
CO15853	CO15735	9.15	0 1-	4ACSR	0	0	548	147	0	0	0	0.00	6.66	0
SW480-B	CO15853	9.15	0 1-	Open	0	0	548	147	0	0	0	0.00	6.66	0
SW-732583338-B	CO15853	9.15	0 1-	Closed	0	0	548	147	0	0	0	0.00	6.66	0
SW-732583338-A	SW-732583338-B	9.15	0 1-	Closed	0	0	548	147	0	0	0	0.00	6.66	0
CO15584	CO15544	8.88	1 1-	4ACSR	0	0	579	149	10	1	1	0.00	6.67	0
CO15585	CO15543	8.77	2 1-	4ACSR	0	0	592	150	13	1	1	0.00	6.66	0
CO15546	CO15734	8.81	13 1-	4ACSR	0	0	587	150	151	21	15	0.17	6.81	42
CO15624	CO15546	8.89	11 1-	4ACSR	0	0	578	149	112	16	12	0.06	6.86	10
CO15625	CO15624	9.02	11 1-	4ACSR	0	0	562	148	112	16	12	0.08	6.95	14
CO15808	CO15625	9.06	1 1-	4ACSR	0	0	558	147	12	1	1	0.00	6.95	0
CO15675	CO15808	9.10	0 1-	4ACSR	0	0	553	147	0	0	0	0.00	6.95	0
CO15754	CO15625	9.10	7 1-	4ACSR	0	0	553	147	68	9	7	0.03	6.97	3
CO15755	CO15754	9.17	4 1-	4ACSR	0	0	545	147	40	5	4	0.01	6.98	0
CO15676	CO15546	8.87	1 1-	4ACSR	0	0	581	149	27	3	3	0.01	6.82	0
CO15677	CO15676	8.91	1 1-	4ACSR	0	0	575	149	27	3	3	0.01	6.82	0
CO15678	CO15677	8.97	1 1-	4ACSR	0	0	569	148	27	3	3	0.00	6.83	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15583	CO15541	8.41	1 1-	4ACSR	0	0	643	153	13	1	1	0.00	6.19	0
CO14814	CO15155	8.00	0 1-	4ACSR	0	0	708	157	0	0	0	0.00	5.65	0
CO14952	CO14806	7.92	3 1-	4ACSR	0	0	721	157	22	3	2	0.01	5.52	0
CO14951	CO14952	8.01	2 1-	4ACSR	0	0	705	157	22	3	2	0.01	5.53	0
CO14842	CO14951	8.06	1 1-	4ACSR	0	0	697	156	13	1	1	0.00	5.53	0
CO14990	CO14951	8.05	0 1-	4ACSR	0	0	698	156	0	0	0	0.00	5.53	0
CO14989	CO14990	8.09	0 1-	4ACSR	0	0	692	156	0	0	0	0.00	5.53	0
CO14950	CO14951	8.06	1 1-	4ACSR	0	0	698	156	10	1	1	0.00	5.53	0
CO15085	CO14805	7.73	2 1-	4ACSR	0	0	757	159	15	2	2	0.01	4.98	0
CO15086	CO15085	8.03	2 1-	4ACSR	0	0	703	157	15	2	2	0.03	5.00	0
CO14841	CO15086	8.10	1 1-	4ACSR	0	0	690	156	15	2	2	0.00	5.01	0
CO15158	CO15086	8.09	0 1-	4ACSR	0	0	692	156	0	0	0	0.00	5.00	0
CO15157	CO15086	8.14	1 1-	4ACSR	0	0	684	155	0	0	0	0.00	5.00	0
CO14840	CO14877	7.65	1 1-	4ACSR	0	0	773	160	17	2	2	0.01	4.51	0
CO14947	CO15084	6.87	2 1-	4ACSR	0	0	915	165	15	2	2	0.02	3.90	0
OC1986439509	CO14947	6.87	2 1-	20 N FUSE	0	0	915	165	15	2	11	0.00	3.90	0
CO14948	OC1986439509	6.96	1 1-	4ACSR	0	0	893	164	1	0	0	0.00	3.90	0
CO14946	OC1986439509	6.95	0 1-	4ACSR	0	0	895	164	0	0	0	0.00	3.90	0
CO14949	OC1986439509	6.97	1 1-	4ACSR	0	0	889	164	14	1	1	0.00	3.91	0
CO15078	CO15077	6.46	10 1-	4ACSR	0	0	1009	168	131	18	13	0.04	3.73	9
OC769078401	CO15078	6.46	7 1-	20 N FUSE	0	0	1009	168	92	12	64	0.00	3.73	0
CO15079	OC769078401	6.48	7 1-	4ACSR	0	0	1002	167	92	12	9	0.01	3.74	0
CO14943	CO15079	6.52	7 1-	4ACSR	0	0	990	167	92	12	9	0.02	3.76	3
CO15080	CO14943	6.57	5 1-	4ACSR	0	0	975	166	66	9	7	0.02	3.78	0
CO15081	CO15080	6.62	3 1-	4ACSR	0	0	962	166	41	5	4	0.01	3.79	0
CO15082	CO15081	6.66	1 1-	4ACSR	0	0	949	165	23	3	2	0.00	3.79	0
CO15122	CO14804	6.28	313 3-	1/0ACSR	1274	1202	1056	169	2367	107	47	0.21	3.70	869
CO15123	CO15122	6.42	312 3-	1/0ACSR	1243	1169	1024	168	2360	107	47	0.21	3.91	881
CO14807	CO15123	6.56	312 3-	1/0ACSR	1210	1136	992	167	2355	107	47	0.22	4.13	936
CO14844	CO14807	6.59	1 1-	4ACSR	0	0	984	167	9	1	1	0.00	4.13	0
OC976808779	CO14844	6.59	0 1-	20 N FUSE	0	0	984	167	0	0	0	0.00	4.13	0
CO14879	CO14807	6.61	311 3-	1/0ACSR	1200	1125	982	167	2342	106	46	0.07	4.21	310
CO14878	CO14879	6.64	311 3-	1/0ACSR	1191	1116	974	167	2340	106	46	0.06	4.26	248
CO14845	CO14878	6.68	1 1-	4ACSR	0	0	963	167	2	0	0	0.00	4.26	0
OC-196301738	CO14845	6.68	0 1-	20 N FUSE	0	0	963	167	0	0	0	0.00	4.26	0
CO14808	CO14878	6.77	310 3-	1/0ACSR	1165	1090	949	166	2337	106	46	0.19	4.45	791
CO17267	CO14808	6.97	304 3-	1/0ACSR	1125	1048	910	165	2271	103	45	0.30	4.75	1229
CO7696	CO17267	7.05	301 3-	1/0ACSR	1109	1033	895	165	2242	102	45	0.12	4.87	486
CO7695	CO7696	7.13	300 3-	1/0ACSR	1094	1017	881	165	2229	102	44	0.12	4.98	474
CO7693	CO7695	7.19	300 3-	1/0ACSR	1083	1006	870	164	2227	102	45	0.10	5.09	382
CO7694	CO7693	7.32	299 3-	1/0ACSR	1060	985	849	164	2208	101	44	0.21	5.29	745
CO7692	CO7694	7.34	297 3-	1/0ACSR	1055	980	844	164	2203	101	44	0.05	5.34	176
CO7435	CO7692	7.50	294 3-	1/0ACSR	1029	957	821	163	2170	100	44	0.24	5.59	875
CO7701	CO7435	7.58	14 1-	4ACSR	0	0	803	162	106	15	11	0.06	5.64	10
OC-719484685	CO7701	7.58	11 1-	20 N FUSE	0	0	803	162	98	13	70	0.00	5.64	0
CO7702	OC-719484685	7.66	11 1-	4ACSR	0	0	787	161	98	13	10	0.04	5.69	7
CO7594	CO7702	7.78	3 1-	4ACSR	0	0	762	160	31	4	3	0.02	5.71	0
CO7595	CO7594	7.83	2 1-	4ACSR	0	0	753	160	13	1	1	0.00	5.71	0
CO7591	CO7702	7.75	6 1-	4ACSR	0	0	768	160	41	5	4	0.03	5.71	0
CO7706	CO7591	7.81	6 1-	4ACSR	0	0	757	160	41	5	4	0.01	5.73	0
CO7707	CO7706	7.90	4 1-	4ACSR	0	0	740	159	28	3	3	0.02	5.74	0
CO7705	CO7707	7.93	3 1-	4ACSR	0	0	735	159	28	3	3	0.00	5.75	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7592	CO7705	7.97	1 1-	4ACSR	0	0	727	158	13	1	1	0.00	5.75	0
CO7593	CO7592	8.02	1 1-	4ACSR	0	0	718	158	13	1	1	0.00	5.75	0
CO7469	CO7702	7.72	1 1-	4ACSR	0	0	773	161	11	1	1	0.00	5.69	0
CO7436	CO7435	7.57	279 3-	1/0ACSR	1017	945	809	162	2056	95	41	0.11	5.70	392
CO7470	CO7436	7.66	1 1-	4ACSR	0	0	791	162	0	0	0	0.00	5.70	0
OC-759209009	CO7470	7.66	0 1-	20 N FUSE	0	0	791	162	0	0	0	0.00	5.70	0
CO7437	CO7436	7.64	276 3-	1/0ACSR	1006	935	799	162	2038	94	41	0.10	5.80	338
CO7724	CO7437	7.71	2 1-	4ACSR	0	0	784	161	17	2	2	0.01	5.81	0
OC-648730125	CO7724	7.71	1 1-	20 N FUSE	0	0	784	161	16	2	12	0.00	5.81	0
CO7725	OC-648730125	7.73	1 1-	4ACSR	0	0	780	161	16	2	2	0.00	5.81	0
CO7699	CO7437	7.69	272 3-	1/0ACSR	997	928	792	162	2009	93	41	0.08	5.88	265
CO7700	CO7699	7.74	271 3-	1/0ACSR	990	920	785	162	1995	92	40	0.07	5.96	248
CO7471	CO7700	7.84	1 1-	4ACSR	0	0	766	161	2	0	0	0.00	5.96	0
OC1642092981	CO7471	7.84	0 1-	20 N FUSE	0	0	766	161	0	0	0	0.00	5.96	0
CO7655	CO7700	7.80	268 3-	1/0ACSR	981	912	777	161	1975	91	40	0.08	6.04	276
CO7540	CO7655	7.85	1 1-	2ACSR	0	0	768	161	7	1	1	0.00	6.04	0
OC413730703	CO7540	7.85	0 1-	20 N FUSE	0	0	768	161	0	0	0	0.00	6.04	0
CO7656	CO7655	7.85	267 3-	1/0ACSR	974	906	770	161	1966	91	40	0.07	6.11	225
CO7438	CO7656	7.96	57 1-	4ACSR	0	0	749	160	373	53	38	0.28	6.38	172
CO7537	CO7438	8.02	2 1-	2ACSR	0	0	739	160	12	1	1	0.00	6.38	0
CO7439	CO7438	7.98	44 1-	4ACSR	0	0	745	160	299	42	30	0.04	6.42	18
CO7686	CO7439	8.03	2 1-	4ACSR	0	0	737	159	27	3	3	0.01	6.42	0
CO7687	CO7686	8.08	1 1-	4ACSR	0	0	726	159	11	1	1	0.00	6.43	0
CO7657	CO7439	8.09	41 1-	4ACSR	0	0	725	159	260	37	27	0.19	6.61	81
CO1303756847	CO7657	8.16	40 1-	2ACSR	0	0	716	158	251	35	20	0.08	6.68	30
CO106826226	CO1303756847	8.21	1 1-	2ACSR	0	0	708	158	20	2	2	0.00	6.69	0
CO582025391	CO1303756847	8.21	39 1-	2ACSR	0	0	709	158	231	33	18	0.05	6.74	20
CO7780	CO582025391	8.21	38 1-	4ACSR	0	0	708	158	218	31	22	0.01	6.75	3
OC199	CO7780	8.21	38 1-	35 H OCR	0	0	708	158	218	31	89	0.00	6.75	0
CO7781	OC199	8.38	38 1-	4ACSR	0	0	681	156	218	31	22	0.23	6.98	86
OC1143109686	CO7781	8.38	38 1-	20 N FUSE	0	0	681	156	218	31	156	0.00	6.98	0
CO7684	OC1143109686	8.39	38 1-	4ACSR	0	0	679	156	218	31	22	0.02	6.99	5
CO7685	CO7684	8.45	37 1-	4ACSR	0	0	669	156	213	30	22	0.09	7.08	32
CO7596	CO7685	8.57	0 1-	4ACSR	0	0	652	155	0	0	0	0.00	7.08	0
CO7682	CO7596	8.61	0 1-	4ACSR	0	0	646	154	0	0	0	0.00	7.08	0
CO7683	CO7682	8.66	0 1-	4ACSR	0	0	638	154	0	0	0	0.00	7.08	0
CO7726	CO7685	8.51	35 1-	4ACSR	0	0	660	155	207	29	21	0.08	7.16	27
CO-1141362042	CO7726	8.83	1 1-	2ACSR	0	0	623	153	0	0	0	0.00	7.16	0
CO7727	CO7726	8.54	33 1-	4ACSR	0	0	656	155	201	28	21	0.04	7.20	12
CO7541	CO7727	8.74	33 1-	4ACSR	0	0	627	153	201	28	21	0.26	7.46	89
CO8379	CO7541	8.82	31 1-	4ACSR	0	0	617	152	188	27	19	0.10	7.56	31
CO8161	CO8379	8.90	30 1-	4ACSR	0	0	606	152	188	27	19	0.10	7.66	32
CO7959	CO8161	8.97	29 1-	4ACSR	0	0	596	151	174	25	18	0.09	7.75	25
CO7992	CO7959	9.03	1 1-	4ACSR	0	0	589	151	13	1	1	0.00	7.75	0
CO7960	CO7959	9.12	27 1-	4ACSR	0	0	578	150	161	23	17	0.16	7.90	42
CO8068	CO7960	9.17	26 1-	4ACSR	0	0	572	149	153	22	16	0.05	7.95	12
CO8065	CO8068	9.25	26 1-	4ACSR	0	0	562	149	153	22	16	0.09	8.03	22
CO-803476091	CO8065	9.31	26 1-	2ACSR	0	0	557	148	153	22	12	0.04	8.08	10
CO-1564403278	CO-803476091	9.41	1 1-	2ACSR	0	0	549	148	9	1	1	0.00	8.08	0
CO1027830199	CO-803476091	9.44	25 1-	2ACSR	0	0	546	148	144	20	12	0.09	8.16	20
CO8066	CO1027830199	9.48	25 1-	4ACSR	0	0	542	147	144	20	15	0.04	8.20	9
CO7961	CO8066	9.59	7 1-	4ACSR	0	0	530	146	29	4	3	0.02	8.22	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7962	CO7961	9.70	7 1-	4ACSR	0	0	519	146	29	4	3	0.02	8.24	0
CO7990	CO7962	9.82	1 1-	4ACSR	0	0	507	145	21	2	2	0.01	8.25	0
CO7963	CO7962	9.77	6 1-	4ACSR	0	0	512	145	9	1	1	0.00	8.24	0
CO7964	CO7963	9.89	5 1-	4ACSR	0	0	501	144	8	1	1	0.01	8.25	0
CO8047	CO7964	10.18	5 1-	4ACSR	0	0	475	142	8	1	1	0.01	8.26	0
CO8048	CO8047	10.23	4 1-	4ACSR	0	0	471	141	3	0	0	0.00	8.26	0
CO7965	CO8048	10.61	1 1-	4ACSR	0	0	442	139	0	0	0	0.00	8.26	0
CO8103	CO8048	10.50	1 1-	4ACSR	0	0	450	139	1	0	0	0.00	8.26	0
CO8104	CO8103	10.54	1 1-	4ACSR	0	0	447	139	1	0	0	0.00	8.27	0
CO7996	CO8048	10.29	1 1-	4ACSR	0	0	466	141	1	0	0	0.00	8.26	0
CO7991	CO7963	9.85	1 1-	4ACSR	0	0	505	144	1	0	0	0.00	8.25	0
CO7989	CO7961	9.64	0 1-	4ACSR	0	0	525	146	0	0	0	0.00	8.22	0
CO7966	CO8066	9.56	18 1-	4ACSR	0	0	534	147	114	16	12	0.05	8.25	10
CO8078	CO7966	9.75	16 1-	4ACSR	0	0	515	145	98	14	10	0.12	8.38	20
CO8073	CO8078	9.79	16 1-	4ACSR	0	0	510	145	98	14	10	0.03	8.41	5
CO8077	CO8073	9.83	16 1-	4ACSR	0	0	507	144	98	14	10	0.02	8.43	4
CO8074	CO8077	9.87	15 1-	4ACSR	0	0	503	144	85	12	9	0.02	8.45	3
CO8076	CO8074	10.09	12 1-	4ACSR	0	0	483	142	71	10	7	0.10	8.55	12
CO8075	CO8076	10.18	11 1-	4ACSR	0	0	475	142	71	10	7	0.04	8.60	5
CO7994	CO8075	10.37	1 1-	4ACSR	0	0	460	140	1	0	0	0.00	8.60	0
CO8045	CO8075	10.26	8 1-	4ACSR	0	0	468	141	57	8	6	0.03	8.62	2
CO8141	CO8045	10.33	7 1-	4ACSR	0	0	463	141	39	5	4	0.01	8.64	0
CO8142	CO8141	10.50	2 1-	4ACSR	0	0	450	139	19	2	2	0.01	8.65	0
CO8105	CO8075	10.28	2 1-	4ACSR	0	0	467	141	13	1	1	0.01	8.60	0
CO8108	CO8105	10.46	1 1-	4ACSR	0	0	453	140	9	1	1	0.01	8.61	0
CO8106	CO8108	10.48	0 1-	4ACSR	0	0	451	139	0	0	0	0.00	8.61	0
CO8107	CO8106	10.55	0 1-	4ACSR	0	0	446	139	0	0	0	0.00	8.61	0
CO7995	CO8105	10.31	1 1-	4ACSR	0	0	464	141	4	0	0	0.00	8.60	0
CO8072	CO7966	9.84	1 1-	4ACSR	0	0	506	144	6	0	1	0.01	8.26	0
OC-315405273	CO8072	9.84	1 1-	20 N FUSE	0	0	506	144	6	0	4	0.00	8.26	0
CO8069	OC-315405273	10.03	1 1-	4ACSR	0	0	488	143	6	0	1	0.01	8.27	0
CO8071	CO8069	10.22	1 1-	4ACSR	0	0	472	141	6	0	1	0.01	8.28	0
CO8070	CO8071	10.31	1 1-	4ACSR	0	0	464	141	6	0	1	0.00	8.28	0
CO7993	CO7960	9.17	1 1-	4ACSR	0	0	572	149	8	1	1	0.00	7.90	0
CO8013	CO7993	9.23	1 1-	1/0PRIURD	0	0	568	294	8	1	1	0.00	7.90	0
CO7988	CO8161	8.97	1 1-	4ACSR	0	0	596	151	14	2	1	0.00	7.66	0
CO7599	CO7541	8.79	1 1-	4ACSR	0	0	620	153	3	0	0	0.00	7.46	0
CO7600	CO7599	8.98	1 1-	4ACSR	0	0	595	151	3	0	0	0.00	7.46	0
CO7475	CO7541	8.81	1 1-	4ACSR	0	0	617	153	9	1	1	0.00	7.46	0
CO7473	CO582025391	8.25	1 1-	4ACSR	0	0	702	158	12	1	1	0.00	6.74	0
CO7533	CO7657	8.19	1 1-	2ACSR	0	0	711	158	9	1	1	0.00	6.61	0
CO7688	CO7438	8.00	11 1-	4ACSR	0	0	741	160	62	8	6	0.01	6.40	0
CO7689	CO7688	8.06	9 1-	4ACSR	0	0	730	159	42	6	4	0.02	6.41	0
CO7690	CO7689	8.10	7 1-	4ACSR	0	0	723	159	33	4	3	0.01	6.42	0
CO7691	CO7690	8.11	5 1-	4ACSR	0	0	721	159	27	3	3	0.00	6.42	0
CO7589	CO7691	8.15	5 1-	4ACSR	0	0	715	158	27	3	3	0.01	6.43	0
CO7676	CO7589	8.17	3 1-	4ACSR	0	0	712	158	14	2	1	0.00	6.43	0
CO7677	CO7676	8.19	3 1-	4ACSR	0	0	708	158	14	2	1	0.00	6.43	0
CO7474	CO7677	8.24	1 1-	4ACSR	0	0	700	157	6	0	1	0.00	6.43	0
CO7597	CO7677	8.34	2 1-	4ACSR	0	0	683	156	8	1	1	0.01	6.44	0
CO7598	CO7597	8.43	1 1-	4ACSR	0	0	668	156	5	0	1	0.00	6.44	0
CO7440	CO7656	7.92	207 3-	1/0ACSR	962	896	760	161	1575	73	32	0.09	6.19	232

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7476	CO7440	7.99	2 1-	4ACSR	0	0	748	160	9	1	1	0.00	6.19	0
OC-86104481	CO7476	7.99	0 1-	20 N FUSE	0	0	748	160	0	0	0	0.00	6.19	0
CO7679	CO7440	7.98	205 3-	1/0ACSR	954	888	753	161	1565	72	32	0.06	6.25	169
CO7678	CO7679	8.00	205 3-	1/0ACSR	951	886	750	160	1564	72	32	0.02	6.28	60
CO7697	CO7678	8.04	202 3-	1/0ACSR	945	880	745	160	1414	65	29	0.04	6.32	106
CO7698	CO7697	8.12	200 3-	1/0ACSR	934	870	735	160	1406	65	28	0.08	6.40	191
CO7477	CO7698	8.16	2 1-	4ACSR	0	0	728	160	16	2	2	0.00	6.40	0
OC445354926	CO7477	8.16	0 1-	20 N FUSE	0	0	728	160	0	0	0	0.00	6.40	0
CO7782	CO7698	8.13	197 3-	1/0ACSR	933	869	734	160	1375	63	28	0.01	6.40	16
OC202	CO7782	8.13	197 3-	70 L OCR	933	869	734	160	1375	63	91	0.00	6.40	0
CO7783	OC202	8.20	197 3-	1/0ACSR	924	860	726	160	1375	63	28	0.07	6.47	162
CO7669	CO7783	8.26	5 1-	4ACSR	0	0	714	159	17	2	2	0.01	6.48	0
OC1232125020	CO7669	8.26	4 1-	20 N FUSE	0	0	714	159	16	2	11	0.00	6.48	0
CO7479	OC1232125020	8.31	1 1-	4ACSR	0	0	706	158	0	0	0	0.00	6.48	0
CO7670	OC1232125020	8.31	3 1-	4ACSR	0	0	706	158	16	2	2	0.00	6.48	0
CO7478	CO7783	8.23	2 1-	4ACSR	0	0	719	159	17	2	2	0.00	6.47	0
OC-259087269	CO7478	8.23	0 1-	20 N FUSE	0	0	719	159	0	0	0	0.00	6.47	0
CO7703	CO7783	8.24	190 3-	1/0ACSR	917	854	720	159	1340	62	27	0.04	6.51	104
CO7704	CO7703	8.32	188 3-	1/0ACSR	907	845	711	159	1328	61	27	0.07	6.58	164
CO7486	CO7704	8.39	2 1-	4ACSR	0	0	700	158	8	1	1	0.00	6.58	0
OC-517993438	CO7486	8.39	0 1-	20 N FUSE	0	0	700	158	0	0	0	0.00	6.58	0
CO7485	CO7704	8.39	3 1-	4ACSR	0	0	700	158	4	0	0	0.00	6.58	0
OC-452159361	CO7485	8.39	0 1-	20 N FUSE	0	0	700	158	0	0	0	0.00	6.58	0
CO7728	CO7704	8.41	181 3-	1/0ACSR	895	834	701	159	1298	60	26	0.08	6.66	188
CO7729	CO7728	8.49	179 3-	1/0ACSR	885	825	692	158	1276	59	26	0.07	6.73	159
CO7662	CO7729	8.53	3 1-	4ACSR	0	0	686	158	7	1	1	0.00	6.73	0
OC2024520492	CO7662	8.53	3 1-	20 N FUSE	0	0	686	158	7	1	5	0.00	6.73	0
CO7487	OC2024520492	8.57	1 1-	4ACSR	0	0	679	157	0	0	0	0.00	6.73	0
CO7663	OC2024520492	8.72	2 1-	4ACSR	0	0	657	156	7	1	1	0.00	6.74	0
CO7720	CO7729	8.55	174 3-	1/0ACSR	878	819	686	158	1250	58	25	0.05	6.78	110
CO7721	CO7720	8.66	172 3-	1/0ACSR	864	806	674	157	1238	57	25	0.10	6.88	216
CO7542	CO7721	8.72	170 3-	1/0ACSR	857	800	668	157	1229	57	25	0.05	6.92	106
CO7603	CO7542	8.76	2 1-	4ACSR	0	0	661	157	36	5	4	0.01	6.93	0
OC804495684	CO7603	8.76	1 1-	20 N FUSE	0	0	661	157	18	2	13	0.00	6.93	0
CO7604	OC804495684	8.81	1 1-	4ACSR	0	0	654	156	18	2	2	0.00	6.93	0
CO7718	CO7542	8.74	167 3-	1/0ACSR	855	797	665	157	1184	55	24	0.02	6.94	38
CO7719	CO7718	8.81	164 3-	1/0ACSR	846	789	658	157	1150	53	23	0.06	7.00	119
CO7548	CO7719	8.98	2 1-	4ACSR	0	0	634	155	10	1	1	0.01	7.00	0
OC-1780233274	CO7548	8.98	1 1-	20 N FUSE	0	0	634	155	3	0	2	0.00	7.00	0
CO7549	OC-1780233274	9.08	1 1-	4ACSR	0	0	621	154	3	0	0	0.00	7.01	0
CO7550	CO7549	9.11	1 1-	4ACSR	0	0	616	154	3	0	0	0.00	7.01	0
CO7551	CO7550	9.27	1 1-	4ACSR	0	0	597	153	3	0	0	0.00	7.01	0
CO7488	CO7719	8.89	3 1-	4ACSR	0	0	647	156	14	2	1	0.00	7.00	0
OC-1476686314	CO7488	8.89	0 1-	20 N FUSE	0	0	647	156	0	0	0	0.00	7.00	0
CO7716	CO7719	8.90	157 3-	1/0ACSR	836	780	650	156	1111	51	23	0.06	7.06	132
CO7717	CO7716	8.95	155 3-	1/0ACSR	830	775	644	156	1091	51	22	0.04	7.10	83
CO7441	CO7717	9.00	148 3-	1/0ACSR	825	770	640	156	1052	49	21	0.03	7.13	64
CO7442	CO7441	9.10	146 3-	1/0ACSR	814	760	631	155	1024	47	21	0.06	7.19	124
CO7714	CO7442	9.17	128 3-	1/0ACSR	806	753	624	155	859	40	18	0.04	7.24	73
CO1719524294	CO7714	9.19	2 1-	2ACSR	0	0	622	155	9	1	1	0.00	7.24	0
OC-1169618323	CO1719524294	9.19	0 1-	20 N FUSE	0	0	622	155	0	0	0	0.00	7.24	0
CO7715	CO7714	9.23	124 3-	1/0ACSR	800	747	619	155	829	39	17	0.03	7.26	49

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7659	CO7715	9.42	123 3-	1/0ACSR	781	730	603	154	815	38	17	0.09	7.36	159
CO7712	CO7659	9.50	115 3-	1/0ACSR	773	723	596	154	718	34	15	0.05	7.40	54
CO7713	CO7712	9.61	113 3-	1/0ACSR	763	713	587	153	709	34	15	0.07	7.47	72
CO7458	CO7713	9.64	111 3-	1/0ACSR	759	710	584	153	704	33	15	0.02	7.49	25
CO7751	CO7458	9.67	108 3-	1/0ACSR	757	708	582	153	680	32	14	0.01	7.50	13
CO7752	CO7751	9.72	107 3-	1/0ACSR	752	703	578	153	675	32	14	0.03	7.53	30
CO7455	CO7752	9.76	102 3-	1/0ACSR	749	700	575	152	644	30	13	0.02	7.55	21
CO7457	CO7455	9.85	81 3-	1/0ACSR	740	692	568	152	504	24	11	0.04	7.59	32
CO7467	CO7457	9.87	81 3-	1/0ACSR	738	690	566	152	504	24	11	0.01	7.60	8
CO7653	CO7467	9.91	1 1-	4ACSR	0	0	562	152	1	0	0	0.00	7.60	0
OC-117223694	CO7653	9.91	1 1-	20 N FUSE	0	0	562	152	1	0	1	0.00	7.60	0
CO7654	OC-117223694	9.93	1 1-	4ACSR	0	0	560	151	1	0	0	0.00	7.60	0
CO7774	CO7467	9.90	76 3-	1/0ACSR	736	688	565	152	472	22	10	0.01	7.61	7
CO7775	CO7774	9.98	75 3-	1/0ACSR	729	682	559	152	467	22	10	0.03	7.64	22
CO7749	CO7775	10.00	4 1-	4ACSR	0	0	556	151	44	6	5	0.01	7.65	0
OC-689009929	CO7749	10.00	3 1-	20 N FUSE	0	0	556	151	33	4	24	0.00	7.65	0
CO7750	OC-689009929	10.04	3 1-	4ACSR	0	0	552	151	33	4	3	0.00	7.66	0
CO7778	CO7775	9.98	45 1-	4ACSR	0	0	558	151	309	44	32	0.01	7.66	7
OC198	CO7778	9.98	45 1-	25 H OCR	0	0	558	151	309	44	178	0.00	7.66	0
CO7779	OC198	10.05	45 1-	4ACSR	0	0	551	151	309	44	32	0.14	7.80	73
CO7748	CO7779	10.06	44 1-	4ACSR	0	0	550	151	306	44	32	0.02	7.82	10
CO7564	CO7748	10.10	44 1-	4ACSR	0	0	547	150	306	44	32	0.07	7.88	34
CO7628	CO7564	10.34	44 1-	4ACSR	0	0	522	148	306	44	32	0.49	8.38	256
CO7629	CO7628	10.36	41 1-	4ACSR	0	0	520	148	289	42	30	0.04	8.42	19
CO7767	CO7629	10.39	41 1-	4ACSR	0	0	518	148	289	42	30	0.05	8.47	26
CO7771	CO7767	10.41	41 1-	4ACSR	0	0	516	148	289	42	30	0.04	8.51	21
CO7770	CO7771	10.42	40 1-	4ACSR	0	0	515	148	289	42	30	0.02	8.54	12
CO7539	CO7770	10.50	1 1-	2ACSR	0	0	509	147	0	0	0	0.00	8.54	0
CO7741	CO7770	10.43	39 1-	4ACSR	0	0	514	148	289	42	30	0.01	8.55	7
CO7742	CO7741	10.44	38 1-	4ACSR	0	0	512	148	279	40	29	0.03	8.58	13
CO7680	CO7742	10.47	38 1-	4ACSR	0	0	510	147	278	40	29	0.05	8.63	26
CO7681	CO7680	10.52	37 1-	4ACSR	0	0	505	147	277	40	29	0.09	8.72	43
CO7536	CO7681	10.59	1 1-	2ACSR	0	0	501	146	9	1	1	0.00	8.73	0
CO7743	CO7681	10.62	36 1-	4ACSR	0	0	497	146	268	39	28	0.17	8.89	77
CO7744	CO7743	10.67	36 1-	4ACSR	0	0	492	146	268	39	28	0.09	8.99	42
CO7745	CO7744	10.75	35 1-	4ACSR	0	0	486	145	258	37	27	0.13	9.12	59
CO7565	CO7745	10.78	35 1-	4ACSR	0	0	483	145	258	37	27	0.05	9.17	22
CO7459	CO7565	10.97	35 1-	4ACSR	0	0	468	143	257	37	27	0.33	9.49	143
CO7517	CO7459	11.06	1 1-	4ACSR	0	0	461	143	5	0	1	0.00	9.49	0
CO7765	CO7459	11.09	34 1-	4ACSR	0	0	459	142	252	36	26	0.20	9.69	85
CO7766	CO7765	11.12	33 1-	4ACSR	0	0	456	142	244	35	26	0.05	9.74	22
CO7566	CO7766	11.27	33 1-	4ACSR	0	0	445	141	244	35	26	0.25	9.99	104
CO7567	CO7566	11.35	33 1-	4ACSR	0	0	439	140	243	35	26	0.14	10.13	58
CO7739	CO7567	11.43	33 1-	4ACSR	0	0	434	140	243	35	26	0.12	10.25	51
CO7740	CO7739	11.54	32 1-	4ACSR	0	0	426	139	243	35	26	0.19	10.44	77
CO7568	CO7740	11.62	30 1-	4ACSR	0	0	421	138	235	34	25	0.12	10.56	48
CO7460	CO7568	11.66	27 1-	4ACSR	0	0	419	138	227	33	24	0.06	10.62	22
CO7762	CO7460	11.71	26 1-	4ACSR	0	0	416	138	219	32	23	0.07	10.69	27
CO7763	CO7762	11.78	25 1-	4ACSR	0	0	411	137	216	32	23	0.10	10.79	39
CO7519	CO7763	11.81	1 1-	4ACSR	0	0	409	137	2	0	0	0.00	10.79	0
CO7667	CO7763	11.81	24 1-	4ACSR	0	0	409	137	214	31	23	0.04	10.83	15
CO7534	CO7667	11.86	2 1-	2/0ACSR	0	0	407	137	14	2	1	0.00	10.83	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7668	CO7667	11.85	22 1-	4ACSR	0	0	406	137	199	29	21	0.06	10.90	22
CO7569	CO7668	11.93	22 1-	4ACSR	0	0	402	136	199	29	21	0.10	11.00	33
CO7583	CO7569	11.99	21 1-	2ACSR	0	0	399	136	180	26	15	0.06	11.05	16
CO7584	CO7583	12.04	21 1-	2ACSR	0	0	397	136	180	26	15	0.03	11.09	10
CO7585	CO7584	12.08	21 1-	2ACSR	0	0	395	135	180	26	15	0.04	11.13	12
CO7586	CO7585	12.23	21 1-	2ACSR	0	0	388	135	180	26	15	0.12	11.25	37
CO7587	CO7586	12.33	21 1-	2ACSR	0	0	384	134	180	26	15	0.09	11.34	27
CO7588	CO7587	12.51	21 1-	2ACSR	0	0	376	133	180	26	15	0.15	11.49	46
OC-239019981	CO7588	12.51	21 1-	20 N FUSE	0	0	376	133	179	26	134	0.00	11.49	0
CO7792	OC-239019981	12.58	21 1-	2ACSR	0	0	373	133	179	26	15	0.05	11.55	16
CO-1505383493	CO7792	12.58	21 1-	2ACSR	0	0	373	133	179	26	15	0.00	11.55	0
CO7734	CO-1505383493	12.60	9 1-	2ACSR	0	0	372	133	71	10	6	0.01	11.56	0
CO7736	CO7734	12.63	9 1-	2ACSR	0	0	371	133	71	10	6	0.01	11.56	0
CO7735	CO7736	12.73	6 1-	2ACSR	0	0	367	132	49	7	4	0.02	11.58	0
CO8370	CO7735	12.80	1 1-	2ACSR	0	0	365	132	4	0	0	0.00	11.58	0
CO7773	CO7735	12.82	3 1-	2ACSR	0	0	364	132	17	2	1	0.01	11.59	0
CO7772	CO7773	12.88	1 1-	2ACSR	0	0	361	131	12	1	1	0.00	11.59	0
CO7524	CO7772	12.93	1 1-	2ACSR	0	0	359	131	12	1	1	0.00	11.59	0
CO7738	CO7772	12.91	0 1-	2ACSR	0	0	360	131	0	0	0	0.00	11.59	0
CO-107996170	CO7738	12.94	0 1-	2ACSR	0	0	359	131	0	0	0	0.00	11.59	0
SW-819138331-B	CO-107996170	12.94	0 1-	Open	0	0	359	131	0	0	0	0.00	11.59	0
CO7468	CO-1505383493	12.66	12 1-	2ACSR	0	0	370	132	108	16	9	0.04	11.59	7
CO7525	CO7468	12.74	2 1-	2ACSR	0	0	367	132	28	4	2	0.01	11.59	0
CO7577	CO7468	12.70	8 1-	2ACSR	0	0	369	132	64	9	5	0.01	11.60	0
CO7578	CO7577	12.81	6 1-	2ACSR	0	0	364	132	45	6	4	0.02	11.62	0
CO7579	CO7578	12.96	4 1-	2ACSR	0	0	358	131	28	4	2	0.02	11.64	0
CO7580	CO7579	13.08	3 1-	2ACSR	0	0	354	130	26	3	2	0.02	11.65	0
CO7581	CO7580	13.16	3 1-	2ACSR	0	0	351	130	26	3	2	0.01	11.66	0
CO7582	CO7581	13.24	3 1-	2ACSR	0	0	348	130	26	3	2	0.01	11.67	0
CO7526	CO7582	13.33	1 1-	2ACSR	0	0	345	129	20	2	2	0.00	11.68	0
CO7644	CO7582	13.31	2 1-	2ACSR	0	0	346	129	6	0	1	0.00	11.67	0
CO7645	CO7644	13.38	2 1-	2ACSR	0	0	343	129	6	0	1	0.00	11.67	0
CO7576	CO7468	12.72	2 1-	2ACSR	0	0	367	132	16	2	1	0.00	11.59	0
CO8368	CO7576	12.84	1 1-	2ACSR	0	0	363	132	11	1	1	0.01	11.60	0
CO7433	CO8368	12.90	0 1-	2ACSR	0	0	361	131	0	0	0	0.00	11.60	0
CO7346	CO8368	12.89	1 1-	2ACSR	0	0	361	131	11	1	1	0.00	11.60	0
CO7344	CO7346	13.13	1 1-	2ACSR	0	0	352	130	11	1	1	0.01	11.61	0
CO7345	CO7344	13.21	0 1-	2ACSR	0	0	349	130	0	0	0	0.00	11.61	0
CO7520	CO7460	11.71	0 1-	4ACSR	0	0	415	138	0	0	0	0.00	10.62	0
CO7632	CO7568	11.68	2 1-	4ACSR	0	0	417	138	3	0	0	0.00	10.56	0
CO7633	CO7632	11.77	1 1-	4ACSR	0	0	411	137	0	0	0	0.00	10.56	0
CO7518	CO7567	11.62	0 1-	4ACSR	0	0	421	138	0	0	0	0.00	10.13	0
CO7516	CO7565	10.91	0 1-	4ACSR	0	0	473	144	0	0	0	0.00	9.17	0
CO7627	CO7628	10.54	1 1-	4ACSR	0	0	503	147	1	0	0	0.00	8.38	0
CO7626	CO7628	10.53	2 1-	4ACSR	0	0	505	147	14	1	1	0.02	8.39	0
CO7789	CO7626	10.59	1 1-	1/0PRIURD	0	0	502	281	14	1	1	0.00	8.40	0
CO7461	CO7775	10.17	15 1-	4ACSR	0	0	539	150	39	5	4	0.05	7.69	3
OC-790036283	CO7461	10.17	15 1-	20 N FUSE	0	0	539	150	39	5	28	0.00	7.69	0
CO7462	OC-790036283	10.26	15 1-	4ACSR	0	0	530	149	39	5	4	0.02	7.72	0
CO7521	CO7462	10.34	2 1-	4ACSR	0	0	523	148	0	0	0	0.00	7.72	0
CO7463	CO7462	10.39	12 1-	4ACSR	0	0	517	148	39	5	4	0.03	7.75	2
CO7464	CO7463	10.47	7 1-	4ACSR	0	0	510	147	27	3	3	0.01	7.76	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7753	CO7464	10.53	3 1-	4ACSR	0	0	505	147	16	2	2	0.00	7.77	0
CO7754	CO7753	10.60	2 1-	4ACSR	0	0	498	146	5	0	1	0.00	7.77	0
CO7636	CO7754	10.66	2 1-	4ACSR	0	0	493	146	5	0	1	0.00	7.77	0
CO7637	CO7636	10.71	1 1-	4ACSR	0	0	489	145	0	0	0	0.00	7.77	0
CO7638	CO7464	10.58	4 1-	4ACSR	0	0	500	146	11	1	1	0.01	7.77	0
CO7639	CO7638	10.67	2 1-	4ACSR	0	0	492	146	7	0	1	0.00	7.77	0
CO7640	CO7639	10.73	1 1-	4ACSR	0	0	488	145	4	0	0	0.00	7.77	0
CO7634	CO7463	10.51	4 1-	4ACSR	0	0	507	147	12	1	1	0.01	7.76	0
CO7635	CO7634	10.55	2 1-	4ACSR	0	0	503	147	12	1	1	0.00	7.76	0
CO7531	CO7775	10.02	1 1-	2ACSR	0	0	555	151	14	1	1	0.00	7.65	0
OC1786406102	CO7531	10.02	0 1-	20 N FUSE	0	0	555	151	0	0	0	0.00	7.65	0
CO7746	CO7775	10.03	7 1-	4ACSR	0	0	553	151	31	4	3	0.01	7.65	0
OC1377572855	CO7746	10.03	4 1-	20 N FUSE	0	0	553	151	13	1	9	0.00	7.65	0
CO7747	OC1377572855	10.12	4 1-	4ACSR	0	0	544	150	13	1	1	0.01	7.66	0
CO7671	CO7747	10.18	1 1-	4ACSR	0	0	538	150	3	0	0	0.00	7.66	0
CO7529	CO7747	10.17	3 1-	4ACSR	0	0	539	150	9	1	1	0.00	7.66	0
CO7515	CO7457	9.91	0 1-	4ACSR	0	0	562	152	0	0	0	0.00	7.59	0
OC-1975587781	CO7515	9.91	0 1-	20 N FUSE	0	0	562	152	0	0	0	0.00	7.59	0
CO7527	CO7455	9.81	4 1-	4ACSR	0	0	569	152	12	1	1	0.00	7.56	0
OC239861705	CO7527	9.81	0 1-	20 N FUSE	0	0	569	152	0	0	0	0.00	7.56	0
CO7784	CO7455	9.76	17 1-	4ACSR	0	0	575	152	128	18	13	0.01	7.56	0
OC203	CO7784	9.76	17 1-	25 H OCR	0	0	575	152	128	18	74	0.00	7.56	0
CO7785	OC203	9.78	17 1-	4ACSR	0	0	573	152	128	18	13	0.01	7.57	3
CO7730	CO7785	9.83	16 1-	4ACSR	0	0	567	152	113	16	12	0.04	7.61	7
CO7732	CO7730	9.85	4 1-	4ACSR	0	0	565	152	46	6	5	0.00	7.61	0
CO7733	CO7732	9.89	4 1-	4ACSR	0	0	561	151	46	6	5	0.01	7.62	0
CO7731	CO7733	9.94	2 1-	4ACSR	0	0	555	151	24	3	2	0.00	7.63	0
CO7561	CO7730	10.10	10 1-	4ACSR	0	0	539	150	59	8	6	0.10	7.71	10
CO7562	CO7561	10.16	9 1-	4ACSR	0	0	532	149	59	8	6	0.03	7.74	3
CO7454	CO7562	10.25	7 1-	4ACSR	0	0	524	148	38	5	4	0.02	7.76	0
CO7790	CO7454	10.28	3 1-	4ACSR	0	0	521	148	24	3	3	0.00	7.76	0
CO7563	CO7790	10.30	2 1-	4ACSR	0	0	519	148	15	2	2	0.00	7.77	0
CO7528	CO7563	10.36	1 1-	4ACSR	0	0	513	147	10	1	1	0.00	7.77	0
CO7512	CO7563	10.34	1 1-	4ACSR	0	0	515	147	6	0	1	0.00	7.77	0
CO7456	CO7563	10.53	0 1-	4ACSR	0	0	498	146	0	0	0	0.00	7.77	0
CO7511	CO7456	10.60	0 1-	4ACSR	0	0	492	145	0	0	0	0.00	7.77	0
CO7510	CO7456	10.70	0 1-	4ACSR	0	0	483	144	0	0	0	0.00	7.77	0
CO7625	CO7454	10.32	2 1-	4ACSR	0	0	517	148	10	1	1	0.00	7.76	0
CO7768	CO7625	10.35	2 1-	4ACSR	0	0	514	147	10	1	1	0.00	7.77	0
CO7769	CO7768	10.38	1 1-	4ACSR	0	0	512	147	10	1	1	0.00	7.77	0
CO7621	CO7454	10.40	1 1-	4ACSR	0	0	510	147	0	0	0	0.00	7.76	0
CO7622	CO7621	10.52	1 1-	4ACSR	0	0	499	146	0	0	0	0.00	7.76	0
CO7623	CO7622	10.56	1 1-	4ACSR	0	0	495	146	0	0	0	0.00	7.76	0
CO7624	CO7623	10.86	1 1-	4ACSR	0	0	471	143	0	0	0	0.00	7.76	0
CO7509	CO7562	10.21	2 1-	4ACSR	0	0	528	149	21	3	2	0.00	7.74	0
CO7514	CO7752	9.75	3 1-	4ACSR	0	0	575	152	11	1	1	0.00	7.53	0
OC1008057270	CO7514	9.75	0 1-	20 N FUSE	0	0	575	152	0	0	0	0.00	7.53	0
CO7630	CO7458	9.74	2 1-	4ACSR	0	0	573	152	19	2	2	0.01	7.50	0
OC-2142346560	CO7630	9.74	2 1-	20 N FUSE	0	0	573	152	19	2	14	0.00	7.50	0
CO7631	OC-2142346560	9.79	2 1-	4ACSR	0	0	568	152	19	2	2	0.00	7.51	0
CO7513	CO7713	9.69	0 1-	4ACSR	0	0	577	152	0	0	0	0.00	7.47	0
OC2062340041	CO7513	9.69	0 1-	20 N FUSE	0	0	577	152	0	0	0	0.00	7.47	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7532	OC2062340041	9.77	0 1-	2ACSR	0	0	570	152	0	0	0	0.00	7.47	0
CO7445	CO7659	9.48	5 1-	4ACSR	0	0	595	153	82	11	8	0.03	7.39	4
OC2016696408	CO7445	9.48	4 1-	20 N FUSE	0	0	595	153	73	10	52	0.00	7.39	0
CO7446	OC2016696408	9.56	3 1-	4ACSR	0	0	586	153	58	8	6	0.03	7.42	3
CO7672	CO7446	9.70	3 1-	4ACSR	0	0	569	151	58	8	6	0.05	7.47	5
CO7673	CO7672	9.76	2 1-	4ACSR	0	0	563	151	18	2	2	0.01	7.48	0
CO7494	CO7673	9.79	1 1-	4ACSR	0	0	560	151	4	0	0	0.00	7.48	0
CO7666	CO7673	9.82	1 1-	4ACSR	0	0	556	150	13	1	1	0.00	7.48	0
CO7495	CO7672	9.79	1 1-	4ACSR	0	0	560	151	41	5	4	0.01	7.48	0
CO7496	CO7446	9.62	0 1-	4ACSR	0	0	579	152	0	0	0	0.00	7.42	0
CO7493	OC2016696408	9.55	1 1-	4ACSR	0	0	587	153	14	2	1	0.00	7.39	0
CO7506	CO7659	9.52	2 1-	4ACSR	0	0	590	153	13	1	1	0.01	7.36	0
OC2141777241	CO7506	9.52	1 1-	20 N FUSE	0	0	590	153	5	0	3	0.00	7.36	0
CO2117356002	OC2141777241	9.58	0 1-	2ACSR	0	0	584	153	0	0	0	0.00	7.36	0
CO1804926232	OC2141777241	9.73	1 1-	2ACSR	0	0	571	152	5	0	0	0.00	7.36	0
CO7497	CO7659	9.61	1 1-	4ACSR	0	0	580	152	1	0	0	0.00	7.36	0
OC343949081	CO7497	9.61	0 1-	20 N FUSE	0	0	580	152	0	0	0	0.00	7.36	0
NEWCAP-E9A7500D	CO7659	9.42	0 3-	Capacitor	781	730	603	154	0	-13	0	0.00	7.36	0
CO7538	CO7715	9.30	1 1-	2ACSR	0	0	611	154	14	1	1	0.00	7.27	0
OC1098479604	CO7538	9.30	0 1-	20 N FUSE	0	0	611	154	0	0	0	0.00	7.27	0
CO7543	CO7442	9.15	14 3-	4ACSR	805	752	623	155	137	6	5	0.01	7.21	4
OC-1309297204	CO7543	9.15	14 3-	20 N FUSE	805	752	623	155	136	6	33	0.00	7.21	0
CO7776	OC-1309297204	9.29	14 3-	4ACSR	782	733	605	154	136	6	5	0.03	7.24	8
CO7777	CO7776	9.32	13 3-	4ACSR	777	729	602	153	121	5	4	0.01	7.25	0
CO7484	CO7777	9.46	1 1-	4ACSR	0	0	585	152	17	2	2	0.01	7.26	0
OC-1741633210	CO7484	9.46	0 1-	20 N FUSE	0	0	585	152	0	0	0	0.00	7.26	0
CO7443	CO7777	9.42	11 3-	4ACSR	763	717	590	153	104	4	4	0.02	7.27	3
CO7483	CO7443	9.54	2 1-	4ACSR	0	0	575	151	2	0	0	0.00	7.27	0
OC-58449109	CO7483	9.54	0 1-	20 N FUSE	0	0	575	151	0	0	0	0.00	7.27	0
CO7544	CO7443	9.49	9 3-	4ACSR	751	707	581	152	102	4	3	0.01	7.28	3
CO7545	CO7544	9.58	9 3-	4ACSR	739	696	571	151	102	4	3	0.02	7.30	3
OC1565506323	CO7545	9.58	9 3-	20 N FUSE	739	696	571	151	102	4	24	0.00	7.30	0
CO7444	OC1565506323	9.62	9 3-	4ACSR	733	691	567	151	102	4	3	0.01	7.31	0
CO7546	CO7444	9.70	6 3-	4ACSR	721	681	557	150	44	2	2	0.01	7.31	0
CO7547	CO7546	9.77	6 3-	4ACSR	712	673	550	149	44	2	2	0.01	7.32	0
CO78394041	CO7547	9.81	5 3-	2ACSR	708	669	547	149	44	2	1	0.00	7.32	0
CO1706521995	CO78394041	9.85	1 3-	2ACSR	703	665	543	149	27	1	1	0.00	7.32	0
CO-721894356	CO78394041	9.86	4 3-	2ACSR	702	664	542	149	16	0	0	0.00	7.32	0
CO7602	CO-721894356	10.01	2 1-	4ACSR	0	0	527	148	5	0	0	0.00	7.33	0
OC-558801522	CO7602	10.01	0 1-	20 N FUSE	0	0	527	148	0	0	0	0.00	7.33	0
CO7480	CO7547	9.82	1 1-	4ACSR	0	0	544	149	0	0	0	0.00	7.32	0
OC1485695186	CO7480	9.82	0 1-	20 N FUSE	0	0	544	149	0	0	0	0.00	7.32	0
CO7481	CO7444	9.69	3 3-	2ACSR	725	684	560	150	58	2	2	0.00	7.31	0
CO7482	CO7545	9.63	0 1-	4ACSR	0	0	566	151	0	0	0	0.00	7.30	0
CO7492	CO7442	9.14	1 1-	4ACSR	0	0	625	155	17	2	2	0.00	7.20	0
OC-53677557	CO7492	9.14	0 1-	20 N FUSE	0	0	625	155	0	0	0	0.00	7.20	0
CO7491	CO7441	9.06	0 1-	4ACSR	0	0	632	155	0	0	0	0.00	7.13	0
OC645050653	CO7491	9.06	0 1-	20 N FUSE	0	0	632	155	0	0	0	0.00	7.13	0
CO7490	CO7717	8.99	2 1-	4ACSR	0	0	639	156	15	2	2	0.00	7.10	0
OC1505727612	CO7490	8.99	0 1-	20 N FUSE	0	0	639	156	0	0	0	0.00	7.10	0
CO7664	CO7717	9.01	4 1-	4ACSR	0	0	636	156	21	2	2	0.01	7.11	0
OC272128676	CO7664	9.01	2 1-	20 N FUSE	0	0	636	156	13	1	9	0.00	7.11	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO7665	OC272128676	9.07	1 1-	4ACSR	0	0	629	155	3	0	0	0.00	7.11	0
CO7489	OC272128676	9.07	1 1-	4ACSR	0	0	629	155	10	1	1	0.00	7.11	0
CO7617	CO7678	8.06	2 3-	2ACSR	942	877	742	160	148	7	4	0.01	6.29	3
CO7618	CO7617	8.10	1 3-	2ACSR	935	871	736	160	42	2	1	0.00	6.29	0
270772037	CO7617	8.06	1 3-	Consumer	942	877	742	160	106	5	0	0.00	6.29	0
CO7660	CO7656	7.95	3 1-	4ACSR	0	0	751	160	17	2	2	0.01	6.12	0
OC1555608935	CO7660	7.95	3 1-	20 N FUSE	0	0	751	160	17	2	12	0.00	6.12	0
CO7661	OC1555608935	8.04	1 1-	4ACSR	0	0	735	159	3	0	0	0.00	6.12	0
CO7472	OC1555608935	8.00	2 1-	4ACSR	0	0	741	160	15	2	1	0.00	6.12	0
CO7590	CO7692	7.39	3 1-	4ACSR	0	0	835	163	32	4	3	0.01	5.35	0
OC506408110	CO7590	7.39	3 1-	20 N FUSE	0	0	835	163	32	4	23	0.00	5.35	0
CO7722	OC506408110	7.41	3 1-	4ACSR	0	0	830	163	32	4	3	0.00	5.35	0
CO7723	CO7722	7.46	2 1-	4ACSR	0	0	819	162	17	2	2	0.00	5.36	0
NEWCAP-DD46CC28	CO7695	7.13	0 3-	Capacitor	1094	1017	881	165	0	-14	0	0.00	4.98	0
CO14956	CO14808	6.82	1 1-	4ACSR	0	0	933	166	20	2	2	0.01	4.46	0
OC486308210	CO14956	6.82	1 1-	20 N FUSE	0	0	933	166	20	2	14	0.00	4.46	0
CO14955	OC486308210	6.88	1 1-	4ACSR	0	0	918	165	20	2	2	0.00	4.46	0
CO14843	CO15123	6.49	0 1-	4ACSR	0	0	1001	167	0	0	0	0.00	3.91	0
OC129230472	CO14843	6.49	0 1-	20 N FUSE	0	0	1001	167	0	0	0	0.00	3.91	0
CO14954	CO14804	6.25	1 1-	4ACSR	0	0	1056	168	6	0	1	0.00	3.50	0
OC-424674594	CO14954	6.25	0 1-	20 N FUSE	0	0	1056	168	0	0	0	0.00	3.50	0
CO14953	CO14804	6.24	1 1-	4ACSR	0	0	1060	169	5	0	1	0.00	3.50	0
OC1023432528	CO14953	6.24	0 1-	20 N FUSE	0	0	1060	169	0	0	0	0.00	3.50	0
CO2018820977	CO-1720559975	5.61	2 1-	2ACSR	0	0	1249	172	8	1	1	0.00	2.21	0
OC-697796299	CO2018820977	5.61	2 1-	20 N FUSE	0	0	1249	172	8	1	5	0.00	2.21	0
CO14839	OC-697796299	5.68	1 1-	4ACSR	0	0	1221	171	1	0	0	0.00	2.21	0
CO14838	OC-697796299	5.70	1 1-	4ACSR	0	0	1213	171	7	0	1	0.00	2.21	0
CO14837+	CO14801	5.03	1 1-	4ACSR	0	0	1258	321	6	0	0	0.00	0.23	0
OC-222330033+	CO14837	5.03	0 1-	20 N FUSE	0	0	1258	321	0	0	0	0.00	0.23	0
CO14836+	CO14801	5.05	2 1-	4ACSR	0	0	1254	321	9	0	0	0.00	0.23	0
OC1397050058+	CO14836	5.05	0 1-	20 N FUSE	0	0	1254	321	0	0	0	0.00	0.23	0
CO14846+	CO15133	4.67	0 1-	4ACSR	0	0	1326	325	0	0	0	0.00	2.29	0
CO1220655325+	CO35038291	2.03	1 1-	1/0PRIURD	0	0	1990	809	14	0	1	0.00	1.15	0
CO-1280287779+	CO1220655325	2.07	1 1-	1/0PRIURD	0	0	1976	806	14	0	1	0.00	1.15	0
CO4998444485+	CO-1280287779	2.15	1 1-	1/0PRIURD	0	0	1947	801	14	0	1	0.00	1.15	0
CO-807191167+	CO4998444485	2.19	1 1-	1/0PRIURD	0	0	1933	798	14	0	1	0.00	1.15	0
CO1076396889+	CO35038291	2.11	4 1-	1/0PRIURD	0	0	1962	804	22	1	1	0.00	1.15	0
CO1321615887+	CO1076396889	2.16	4 1-	1/0PRIURD	0	0	1942	800	22	1	1	0.00	1.15	0
CO-889925873+	CO1321615887	2.20	2 1-	1/0PRIURD	0	0	1929	798	17	1	1	0.00	1.15	0
CO14936+	CO14862	1.79	2 1-	4ACSR	0	0	2072	344	27	1	1	0.00	1.02	0
CO15026+	CO14936	1.86	2 1-	4ACSR	0	0	2034	343	27	1	1	0.00	1.02	0
CO15027+	CO15026	1.90	2 1-	4ACSR	0	0	2016	342	27	1	1	0.00	1.02	0
CO15028+	CO15027	1.91	0 1-	4ACSR	0	0	2006	342	0	0	0	0.00	1.02	0
CO14935+	CO15028	1.92	0 1-	4ACSR	0	0	2001	341	0	0	0	0.00	1.02	0
CO14934+	CO14935	1.94	0 1-	4ACSR	0	0	1991	341	0	0	0	0.00	1.02	0
CO15029+	CO14862	1.77	44 1-	2ACSR	0	0	2088	345	398	27	15	0.01	1.03	8
CO15030+	CO15029	1.79	44 1-	2ACSR	0	0	2078	345	398	27	15	0.01	1.04	6
CO15117+	CO15030	1.84	14 1-	2ACSR	0	0	2054	344	121	8	5	0.01	1.04	0
CO14835+	CO15117	1.86	1 1-	4ACSR	0	0	2043	344	6	0	0	0.00	1.04	0
CO15118+	CO15117	1.87	9 1-	2ACSR	0	0	2040	344	76	5	3	0.00	1.05	0
CO15031+	CO15118	1.90	5 1-	2ACSR	0	0	2025	343	43	2	2	0.00	1.05	0
CO15032+	CO15031	1.91	2 1-	2ACSR	0	0	2018	343	16	1	1	0.00	1.05	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14793+	CO15030	1.85	29 1-	2ACSR	0	0	2050	344	265	18	10	0.02	1.05	6
CO14916+	CO14793	1.90	18 1-	2ACSR	0	0	2026	343	161	10	6	0.01	1.06	0
CO14915+	CO14916	1.94	5 1-	2ACSR	0	0	2003	342	29	1	1	0.00	1.06	0
CO-578255028+	CO14915	2.01	5 1-	2ACSR	0	0	1971	341	29	1	1	0.00	1.07	0
CO247304192+	CO-578255028	2.06	5 1-	2ACSR	0	0	1949	341	29	1	1	0.00	1.07	0
CO15037+	CO14916	1.94	12 1-	2ACSR	0	0	2006	342	110	7	4	0.00	1.07	0
CO15038+	CO15037	1.97	10 1-	2ACSR	0	0	1992	342	87	5	3	0.00	1.07	0
CO15039+	CO15038	2.00	7 1-	2ACSR	0	0	1979	342	66	4	3	0.00	1.07	0
CO15040+	CO15039	2.01	4 1-	2ACSR	0	0	1971	341	34	2	1	0.00	1.07	0
CO14913+	CO14793	1.86	10 1-	2ACSR	0	0	2042	344	89	6	3	0.00	1.06	0
CO15033+	CO14913	1.89	10 1-	2ACSR	0	0	2029	343	89	6	3	0.00	1.06	0
CO15034+	CO15033	1.92	7 1-	2ACSR	0	0	2015	343	58	3	2	0.00	1.06	0
CO15035+	CO15034	1.95	3 1-	2ACSR	0	0	2001	342	28	1	1	0.00	1.06	0
CO15036+	CO15035	1.97	1 1-	2ACSR	0	0	1993	342	8	0	0	0.00	1.06	0
CO14820+	CO15025	1.39	3 1-	4ACSR	0	0	2242	347	33	2	2	0.00	0.79	0
CO15013+	CO14795	1.18	30 3-	4/0ACSR	2567	2524	2359	349	338	7	2	0.00	0.69	0
CO15014+	CO15013	1.21	29 3-	4/0ACSR	2555	2511	2343	349	335	7	2	0.00	0.69	0
CO14816+	CO15014	1.25	1 3-	4ACSR	2536	2488	2318	348	38	0	1	0.00	0.69	0
CO14815+	CO15014	1.25	2 3-	4ACSR	2536	2488	2318	348	8	0	0	0.00	0.69	0
CO14811+	CO15014	1.27	10 3-	2ACSR	2530	2483	2311	348	106	2	1	0.00	0.69	0
CO14856+	CO14811	1.31	1 3-	2ACSR	2510	2459	2284	348	5	0	0	0.00	0.69	0
CO15015+	CO14811	1.39	9 3-	4ACSR	2471	2412	2233	346	101	2	2	0.01	0.69	0
CO15016+	CO15015	1.47	8 3-	4ACSR	2428	2360	2178	344	92	2	1	0.00	0.70	0
CO15017+	CO15016	1.49	6 3-	4ACSR	2420	2350	2167	343	51	1	1	0.00	0.70	0
CO15018+	CO15017	1.53	5 3-	4ACSR	2399	2326	2142	343	39	0	1	0.00	0.70	0
CO15149+	CO15018	1.67	3 1-	4ACSR	0	0	2051	339	21	1	1	0.00	0.70	0
CO14828+	CO15149	1.74	2 1-	4ACSR	0	0	2014	338	6	0	0	0.00	0.70	0
CO14827+	CO15149	1.76	1 1-	4ACSR	0	0	2001	338	15	1	1	0.00	0.70	0
CO14902+	CO15018	1.55	2 1-	4ACSR	0	0	2125	342	18	1	1	0.00	0.70	0
CO14791+	CO15014	1.26	16 3-	4/0ACSR	2535	2489	2319	349	183	4	1	0.00	0.69	0
CO15124+	CO14791	1.27	0 1-	4ACSR	0	0	2315	349	0	0	0	0.00	0.69	0
CO14790+	CO14791	1.36	3 3-	4/0ACSR	2501	2451	2276	348	24	0	0	0.00	0.69	0
CO14817+	CO14790	1.41	1 3-	4ACSR	2479	2424	2245	347	3	0	0	0.00	0.69	0
CO14910+	CO14790	1.38	2 1-	4ACSR	0	0	2261	348	21	1	1	0.00	0.69	0
CO14909+	CO14910	1.44	2 1-	4ACSR	0	0	2224	346	21	1	1	0.00	0.69	0
CO15127+	CO14790	1.37	0 1-	4ACSR	0	0	2272	348	0	0	0	0.00	0.69	0
CO14789+	CO14791	1.35	9 1-	4ACSR	0	0	2262	347	81	5	4	0.01	0.70	0
CO15125+	CO14789	1.36	0 1-	4ACSR	0	0	2258	347	0	0	0	0.00	0.70	0
CO15019+	CO14789	1.39	8 1-	4ACSR	0	0	2235	346	80	5	4	0.00	0.70	0
CO15020+	CO15019	1.44	7 1-	4ACSR	0	0	2204	345	65	4	3	0.00	0.71	0
CO15021+	CO15020	1.47	5 1-	4ACSR	0	0	2186	344	47	3	2	0.00	0.71	0
CO15022+	CO15021	1.51	4 1-	4ACSR	0	0	2162	343	34	2	2	0.00	0.71	0
CO15023+	CO15022	1.58	3 1-	4ACSR	0	0	2117	342	23	1	1	0.00	0.71	0
CO14921+	CO15012	1.09	14 1-	4ACSR	0	0	2397	349	52	3	3	0.00	0.64	0
CO14920+	CO14921	1.13	9 1-	4ACSR	0	0	2370	348	22	1	1	0.00	0.64	0
CO80441881+	CO-6922792	0.53	1 3-	1/0PRIURD	2853	2838	2739	885	8	0	0	0.00	0.28	0
CO15511+	CO15507	0.01	478 3-	750 MCM - 42 WI	3060	3096	3114	357	3107	69	6	0.00	0.01	0
Tilton+	CO15511	0.01	478 3-	VWVE	3060	3096	3114	357	3107	69	9	0.00	0.01	0
CO15321+	Tilton	0.03	478 3-	4/0ACSR	3053	3086	3103	357	3107	69	20	0.00	0.01	19
CO15319+	CO15321	0.24	478 3-	4/0ACSR	2947	2952	2941	356	3107	69	20	0.07	0.08	296
CO15318+	CO15319	0.32	477 3-	4/0ACSR	2912	2912	2888	355	3093	69	20	0.02	0.10	102

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15320+	CO15318	0.53	476 3-	4/0ACSR	2816	2802	2746	354	3087	68	20	0.07	0.17	291
CO15170+	CO15320	1.07	3 1-	4ACSR	0	0	2305	342	2	0	0	0.00	0.17	0
OC-1240567385+	CO15170	1.07	2 1-	20 N FUSE	0	0	2305	342	2	0	1	0.00	0.17	0
CO15420+	OC-1240567385	1.17	2 1-	4ACSR	0	0	2234	340	2	0	0	0.00	0.17	0
CO15214+	CO15420	1.21	1 1-	4ACSR	0	0	2200	339	0	0	0	0.00	0.17	0
CO15419+	CO15420	1.26	1 1-	4ACSR	0	0	2166	338	2	0	0	0.00	0.17	0
CO15213+	OC-1240567385	1.28	0 1-	4ACSR	0	0	2151	338	0	0	0	0.00	0.17	0
CO15323+	CO15320	0.70	472 3-	4/0ACSR	2744	2721	2644	353	3076	68	20	0.05	0.22	225
CO15322+	CO15323	0.88	470 3-	4/0ACSR	2669	2636	2539	352	3056	68	20	0.06	0.28	245
CO15324+	CO15322	0.96	470 3-	4/0ACSR	2636	2599	2495	351	3055	68	20	0.03	0.31	111
CO15424+	CO15324	1.02	3 1-	4ACSR	0	0	2456	350	11	0	1	0.00	0.31	0
OC-240401604+	CO15424	1.02	1 1-	20 N FUSE	0	0	2456	350	0	0	0	0.00	0.31	0
CO15423+	OC-240401604	1.05	1 1-	4ACSR	0	0	2430	349	0	0	0	0.00	0.31	0
CO15421+	CO15423	1.08	1 1-	4ACSR	0	0	2410	349	0	0	0	0.00	0.31	0
CO15422+	CO15421	1.16	1 1-	4ACSR	0	0	2351	347	0	0	0	0.00	0.31	0
CO15166+	CO15324	1.10	467 3-	4/0ACSR	2585	2542	2426	351	3044	68	20	0.04	0.35	177
CO15167+	CO15166	1.13	465 3-	4/0ACSR	2571	2526	2407	350	3037	67	20	0.01	0.36	50
CO15171+	CO15167	1.33	41 1-	4ACSR	0	0	2271	346	282	18	13	0.08	0.45	38
CO15216+	CO15171	1.37	2 1-	4ACSR	0	0	2244	345	5	0	0	0.00	0.45	0
CO15521+	CO15171	1.34	39 1-	4ACSR	0	0	2267	346	277	18	13	0.00	0.45	0
OC465+	CO15521	1.34	39 1-	70 E OCR	0	0	2267	346	277	18	27	0.00	0.45	0
CO15522+	OC465	1.38	39 1-	4ACSR	0	0	2237	345	277	18	13	0.02	0.47	8
CO1077718699+	CO15522	1.43	37 1-	2ACSR	0	0	2210	344	262	17	10	0.01	0.48	5
XFMR5	CO1077718699	1.43	37 1-	1000 KVA 1PH AU	0	0	1827	178	262	17	25	0.18	0.66	0
CO-454982702	XFMR5	1.55	37 1-	2ACSR	0	0	1742	177	262	35	19	0.13	0.79	54
CO15335	CO-454982702	2.13	36 1-	4ACSR	0	0	1358	170	254	34	24	0.82	1.61	328
FD-73090961	CO15335	2.13	0 1-	_DefaultBayEqui	0	0	1358	170	0	0	0	0.00	1.61	0
CO-472889249	CO15335	2.23	34 1-	2ACSR	0	0	1311	170	229	30	17	0.09	1.70	34
CO15259	CO-472889249	2.31	2 1-	4ACSR	0	0	1268	169	11	1	1	0.00	1.71	0
CO15258	CO-472889249	2.37	31 1-	4ACSR	0	0	1237	168	217	29	21	0.18	1.88	61
CO15440	CO15258	2.41	3 1-	4ACSR	0	0	1215	168	23	3	2	0.01	1.88	0
CO15439	CO15440	2.43	2 1-	4ACSR	0	0	1205	168	20	2	2	0.00	1.89	0
CO316083228	CO15439	2.54	1 1-	2ACSR	0	0	1164	167	13	1	1	0.00	1.89	0
CO15337	CO15258	2.54	25 1-	4ACSR	0	0	1152	166	179	24	17	0.19	2.07	55
CO15336	CO15337	2.69	24 1-	4ACSR	0	0	1091	165	176	23	17	0.15	2.22	43
CO15172	CO15336	2.85	22 1-	4ACSR	0	0	1026	163	164	22	16	0.16	2.38	44
CO15444	CO15172	2.94	4 1-	4ACSR	0	0	993	162	59	7	6	0.03	2.41	2
CO15441	CO15444	2.98	3 1-	4ACSR	0	0	980	162	42	5	4	0.01	2.41	0
CO15443	CO15441	3.04	2 1-	4ACSR	0	0	959	161	36	4	4	0.01	2.43	0
CO15442	CO15443	3.10	2 1-	4ACSR	0	0	941	161	36	4	4	0.01	2.44	0
CO1489653070	CO15442	3.17	1 1-	2ACSR	0	0	923	160	23	3	2	0.00	2.44	0
CO15339	CO15172	2.94	16 1-	4ACSR	0	0	996	162	93	12	9	0.04	2.42	6
CO15338	CO15339	3.13	14 1-	4ACSR	0	0	931	161	80	10	8	0.09	2.52	12
CO15527	CO15338	3.28	13 1-	4ACSR	0	0	887	159	66	9	6	0.05	2.57	5
CO17082	CO15527	3.34	7 1-	4ACSR	0	0	868	159	43	5	4	0.02	2.58	0
CO17175	CO17082	3.67	2 1-	4ACSR	0	0	785	156	6	0	1	0.01	2.59	0
CO15209	CO17175	3.78	0 1-	4ACSR	0	0	762	155	0	0	0	0.00	2.59	0
CO15208	CO17175	3.70	1 1-	4ACSR	0	0	779	155	6	0	1	0.00	2.60	0
CO15525	CO17175	3.68	0 1-	4ACSR	0	0	784	156	0	0	0	0.00	2.59	0
OC460	CO15525	3.68	0 1-	50 H OCR	0	0	784	156	0	0	0	0.00	2.59	0
CO13162	CO17082	3.41	5 1-	4ACSR	0	0	851	158	37	4	4	0.01	2.59	0
CO-1338356102	CO13162	3.44	0 1-	2ACSR	0	0	844	158	0	0	0	0.00	2.59	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-731092886	CO-1338356102	3.44	0 1-	20 N FUSE	0	0	844	158	0	0	0	123.41	126.00	0
CO13194	CO13162	3.47	3 1-	4ACSR	0	0	836	157	25	3	2	0.00	2.60	0
CO13224	CO13194	3.52	0 1-	2ACSR	0	0	824	157	0	0	0	0.00	2.60	0
CO17081	CO15527	3.34	2 1-	4ACSR	0	0	869	159	4	0	0	0.00	2.57	0
CO15212	CO15527	3.37	1 1-	4ACSR	0	0	862	158	3	0	0	0.00	2.57	0
CO15446	CO15338	3.22	1 1-	4ACSR	0	0	904	160	14	1	1	0.01	2.52	0
CO15445	CO15446	3.30	1 1-	4ACSR	0	0	881	159	14	1	1	0.00	2.53	0
CO15225	CO15172	2.93	2 1-	4ACSR	0	0	998	163	13	1	1	0.00	2.38	0
CO15223	CO15336	2.78	2 1-	4ACSR	0	0	1053	164	11	1	1	0.00	2.22	0
CO15222	CO-472889249	2.30	1 1-	4ACSR	0	0	1272	169	1	0	0	0.00	1.70	0
CO15334	CO15335	2.23	0 1-	4ACSR	0	0	1297	169	0	0	0	0.00	1.61	0
OC-73090961	CO15334	2.23	0 1-	20 N FUSE	0	0	1297	169	0	0	0	124.39	126.00	0
CO15221	CO-454982702	1.62	1 1-	4ACSR	0	0	1695	176	7	0	1	0.00	0.79	0
CO15168+	CO15167	1.32	424 3-	4/0ACSR	2501	2449	2316	349	2755	61	18	0.05	0.42	207
CO15519+	CO15168	1.33	46 1-	4ACSR	0	0	2312	349	286	19	14	0.00	0.42	0
AU34	CO15519	1.33	46 1-	333 KVA 1PH AUT	0	0	1077	177	286	19	83	0.46	0.88	0
CO15520	AU34	1.61	46 1-	4ACSR	0	0	1008	174	286	38	27	0.47	1.35	219
OCD6	CO15520	1.61	46 1-	35 L OCR	0	0	1008	174	285	38	110	0.00	1.35	0
CO15169	OCD6	1.75	43 1-	4ACSR	0	0	973	172	279	37	27	0.24	1.59	109
CO15217	CO15169	1.84	1 1-	4ACSR	0	0	952	171	0	0	0	0.00	1.59	0
CO15326	CO15169	1.86	42 1-	4ACSR	0	0	947	171	278	37	27	0.18	1.76	80
CO15502	CO15326	1.95	1 1-	2ACSR	0	0	929	170	4	0	0	0.00	1.76	0
CO15501	CO15502	2.00	1 1-	2ACSR	0	0	918	170	4	0	0	0.00	1.76	0
CO15325	CO15326	2.03	40 1-	4ACSR	0	0	908	169	272	36	26	0.28	2.04	123
CO17079	CO15325	2.12	18 1-	4ACSR	0	0	888	168	83	11	8	0.04	2.08	6
OC651046094	CO17079	2.12	18 1-	20 N FUSE	0	0	888	168	83	11	56	0.00	2.08	0
CO13223	OC651046094	2.17	2 1-	4ACSR	0	0	875	167	6	0	1	0.00	2.08	0
CO13180	OC651046094	2.17	16 1-	4ACSR	0	0	876	167	77	10	7	0.02	2.10	3
CO13222	CO13180	2.22	1 1-	4ACSR	0	0	865	167	1	0	0	0.00	2.10	0
CO13165	CO13180	2.23	14 1-	4ACSR	0	0	862	167	76	10	7	0.03	2.13	4
CO13309	CO13165	2.26	12 1-	4ACSR	0	0	856	166	59	7	6	0.01	2.14	0
CO13310	CO13309	2.26	12 1-	4ACSR	0	0	855	166	59	7	6	0.00	2.14	0
CO13311	CO13310	2.36	12 1-	4ACSR	0	0	834	165	59	7	6	0.03	2.18	3
CO13312	CO13311	2.46	12 1-	4ACSR	0	0	813	164	59	7	6	0.04	2.21	3
CO13204	CO13312	2.56	1 1-	4ACSR	0	0	793	163	6	0	1	0.00	2.21	0
CO13203	CO13312	2.57	2 1-	4ACSR	0	0	791	163	10	1	1	0.00	2.22	0
CO-1822350665	CO13203	2.63	0 1-	2ACSR	0	0	783	163	0	0	0	0.00	2.22	0
CO13166	CO13312	2.65	9 1-	4ACSR	0	0	777	163	42	5	4	0.05	2.26	3
CO13167	CO13166	2.74	7 1-	4ACSR	0	0	760	162	34	4	3	0.02	2.28	0
CO13318	CO13167	2.84	7 1-	4ACSR	0	0	741	161	34	4	3	0.02	2.30	0
CO13319	CO13318	2.98	6 1-	4ACSR	0	0	717	159	29	3	3	0.02	2.32	0
OC2144509981	CO13319	2.98	5 1-	20 N FUSE	0	0	717	159	21	2	14	0.00	2.32	0
CO13322	OC2144509981	3.07	4 1-	4ACSR	0	0	702	158	20	2	2	0.01	2.33	0
CO13323	CO13322	3.17	2 1-	4ACSR	0	0	687	157	11	1	1	0.01	2.33	0
CO13324	CO13323	3.21	1 1-	4ACSR	0	0	679	157	8	1	1	0.00	2.33	0
CO13320	OC2144509981	3.12	1 1-	4ACSR	0	0	694	158	1	0	0	0.00	2.32	0
CO13205	CO13320	3.21	1 1-	4ACSR	0	0	680	157	1	0	0	0.00	2.32	0
CO13321	CO13320	3.23	0 1-	4ACSR	0	0	676	157	0	0	0	0.00	2.32	0
CO13313	CO13167	2.80	0 1-	4ACSR	0	0	748	161	0	0	0	0.00	2.28	0
CO13314	CO13313	2.84	0 1-	4ACSR	0	0	742	161	0	0	0	0.00	2.28	0
CO13315	CO13166	2.73	2 1-	4ACSR	0	0	761	162	8	1	1	0.00	2.26	0
CO13316	CO13315	2.78	2 1-	4ACSR	0	0	752	161	8	1	1	0.00	2.26	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13317	CO13316	2.83	1 1-	4ACSR	0	0	744	161	2	0	0	0.00	2.26	0
CO13202	CO13165	2.28	1 1-	4ACSR	0	0	851	166	4	0	0	0.00	2.13	0
CO13201	CO13165	2.25	0 1-	4ACSR	0	0	858	167	0	0	0	0.00	2.13	0
CO13200	CO13165	2.29	1 1-	4ACSR	0	0	850	166	14	1	1	0.00	2.13	0
CO15333	CO15325	2.06	22 1-	4ACSR	0	0	900	169	189	25	18	0.04	2.07	11
OC-1185042599	CO15333	2.06	21 1-	20 N FUSE	0	0	900	169	189	25	128	0.00	2.07	0
CO15332	OC-1185042599	2.12	21 1-	4ACSR	0	0	887	168	189	25	18	0.06	2.13	19
CO15330	CO15332	2.20	20 1-	4ACSR	0	0	869	167	175	23	17	0.08	2.22	24
CO15331	CO15330	2.29	19 1-	4ACSR	0	0	850	166	166	22	16	0.09	2.31	25
CO15184	CO15331	2.34	17 1-	4ACSR	0	0	840	166	151	20	15	0.04	2.35	11
CO15185	CO15184	2.39	15 1-	4ACSR	0	0	828	165	132	17	13	0.04	2.39	10
CO15428	CO15185	2.43	14 1-	4ACSR	0	0	820	165	113	15	11	0.03	2.42	5
CO15220	CO15428	2.46	2 1-	4ACSR	0	0	814	164	0	0	0	0.00	2.42	0
CO15438	CO15428	2.49	11 1-	4ACSR	0	0	808	164	104	14	10	0.04	2.46	6
CO15246	CO15438	2.53	1 1-	2ACSR	0	0	802	164	14	1	1	0.00	2.46	0
CO15437	CO15438	2.51	9 1-	4ACSR	0	0	804	164	90	12	9	0.01	2.47	0
CO15429	CO15437	2.56	7 1-	4ACSR	0	0	793	163	69	9	7	0.02	2.49	3
CO15430	CO15429	2.62	6 1-	4ACSR	0	0	782	163	61	8	6	0.02	2.51	0
CO15251	CO15430	2.68	1 1-	2ACSR	0	0	773	162	6	0	0	0.00	2.51	0
CO15262	CO15251	2.76	1 1-	1/0PRIURD	0	0	763	351	6	0	1	0.00	2.51	0
CO15431	CO15430	2.68	4 1-	4ACSR	0	0	771	162	46	6	5	0.02	2.52	0
CO15436	CO15431	2.69	4 1-	4ACSR	0	0	769	162	46	6	5	0.00	2.53	0
CO15433	CO15436	2.75	4 1-	4ACSR	0	0	758	161	46	6	5	0.02	2.54	0
CO15432	CO15433	2.76	3 1-	4ACSR	0	0	755	161	38	5	4	0.00	2.55	0
CO15435	CO15432	2.80	3 1-	4ACSR	0	0	748	161	38	5	4	0.01	2.55	0
CO15252	CO15435	3.01	1 1-	2ACSR	0	0	719	160	10	1	1	0.00	2.56	0
CO15434	CO15435	2.86	1 1-	4ACSR	0	0	739	160	12	1	1	0.00	2.55	0
CO15254	CO15429	2.61	1 1-	2ACSR	0	0	785	163	9	1	1	0.00	2.49	0
CO15427	CO15428	2.46	1 1-	4ACSR	0	0	813	164	9	1	1	0.00	2.42	0
CO15487	CO15185	2.44	1 1-	4ACSR	0	0	818	165	18	2	2	0.01	2.40	0
CO15486	CO15487	2.47	1 1-	4ACSR	0	0	811	164	18	2	2	0.00	2.40	0
CO15219	CO15184	2.38	2 1-	4ACSR	0	0	830	165	19	2	2	0.00	2.35	0
CO15218	CO15331	2.33	2 1-	4ACSR	0	0	840	166	15	2	1	0.00	2.31	0
CO15250	CO15332	2.16	1 1-	2ACSR	0	0	880	168	13	1	1	0.00	2.14	0
CO15426	OC6	1.67	3 1-	4ACSR	0	0	994	173	6	0	1	0.00	1.35	0
CO15425	CO15426	1.74	2 1-	4ACSR	0	0	975	172	5	0	0	0.00	1.35	0
CO15328+	CO15168	1.45	378 3-	4/0ACSR	2456	2399	2257	348	2468	55	16	0.03	0.45	114
CO15327+	CO15328	1.95	377 3-	4/0ACSR	2296	2224	2058	345	2466	55	16	0.13	0.58	432
CO15396+	CO15327	2.13	377 3-	4/0ACSR	2240	2164	1991	344	2464	55	16	0.05	0.62	163
CO15395+	CO15396	2.18	376 3-	4/0ACSR	2227	2149	1975	344	2462	55	16	0.01	0.64	41
CO15523+	CO15395	2.19	82 3-	1/0ACSR	2224	2147	1972	344	597	13	6	0.00	0.64	0
CO15524+	CO15523	2.29	82 3-	1/0ACSR	2190	2109	1931	343	597	13	6	0.01	0.65	11
CO15394+	CO15524	2.66	81 3-	1/0ACSR	2073	1984	1796	339	589	13	6	0.04	0.69	37
OC462+	CO15394	2.66	79 3-	70 L OCR	2073	1984	1796	339	587	13	19	0.00	0.69	0
CO-189235125+	OC462	2.76	79 3-	2ACSR	2040	1948	1759	337	587	13	7	0.02	0.70	16
CO1774778305+	CO-189235125	2.85	78 3-	2ACSR	2012	1917	1727	336	587	13	7	0.01	0.72	13
CO15340+	CO1774778305	2.86	77 3-	1/0ACSR	2007	1912	1723	336	587	13	6	0.00	0.72	0
CO17179+	CO15340	3.03	76 3-	1/0ACSR	1958	1860	1669	334	568	12	6	0.02	0.74	16
CO14800+	CO17179	3.29	71 3-	1/0ACSR	1890	1789	1597	332	538	12	5	0.02	0.76	21
CO14799+	CO14800	3.36	71 3-	1/0ACSR	1870	1768	1575	331	538	12	5	0.01	0.77	6
CO15146+	CO14799	3.44	37 1-	2ACSR	0	0	1551	330	307	20	11	0.02	0.79	12
OC440+	CO15146	3.44	37 1-	50 H OCR	0	0	1551	330	307	20	41	0.00	0.79	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15147+	OC440	3.46	37 1-	2ACSR	0	0	1547	329	307	20	11	0.00	0.80	0
CO14824+	CO15147	3.49	1 1-	4ACSR	0	0	1535	329	13	0	1	0.00	0.80	0
CO15108+	CO15147	3.47	35 1-	2ACSR	0	0	1542	329	278	18	10	0.00	0.80	0
CO15109+	CO15108	3.49	34 1-	2ACSR	0	0	1536	329	269	17	10	0.01	0.81	2
CO535841002+	CO15109	3.54	34 1-	2ACSR	0	0	1522	328	269	17	10	0.01	0.82	6
CO-1098967095+	CO535841002	3.63	1 1-	2ACSR	0	0	1496	327	7	0	0	0.00	0.82	0
CO1974975055+	CO535841002	3.56	32 1-	2ACSR	0	0	1516	328	262	17	10	0.01	0.83	2
CO15111+	CO1974975055	3.72	31 1-	2ACSR	0	0	1471	326	250	16	9	0.04	0.87	15
CO14823+	CO15111	3.75	1 1-	4ACSR	0	0	1462	325	11	0	1	0.00	0.87	0
CO15112+	CO15111	3.76	30 1-	2ACSR	0	0	1458	325	239	16	9	0.01	0.88	4
CO15113+	CO15112	3.78	25 1-	2ACSR	0	0	1455	325	198	13	7	0.00	0.88	0
CO14798+	CO15113	3.86	20 1-	2ACSR	0	0	1432	324	154	10	6	0.01	0.89	3
CO14927+	CO14798	3.90	3 1-	4ACSR	0	0	1419	323	9	0	0	0.00	0.89	0
CO14926+	CO14927	3.94	1 1-	4ACSR	0	0	1408	322	4	0	0	0.00	0.89	0
CO14797+	CO14798	4.04	17 1-	2ACSR	0	0	1388	321	146	9	5	0.02	0.92	6
CO14796+	CO14797	4.09	10 1-	2ACSR	0	0	1374	321	71	4	3	0.00	0.92	0
CO15116+	CO14796	4.27	2 1-	2ACSR	0	0	1331	318	5	0	0	0.00	0.92	0
CO17255+	CO15116	4.61	1 1-	2ACSR	0	0	1256	314	0	0	0	0.00	0.92	0
CO13057+	CO17255	4.67	0 1-	2ACSR	0	0	1242	313	0	0	0	0.00	0.92	0
SW-912465948-B+	CO13057	4.67	0 1-	Closed	0	0	1242	313	0	0	0	0.00	0.92	0
SW-912465948-A+	SW-912465948-B	4.67	0 1-	Closed	0	0	1242	313	0	0	0	0.00	0.92	0
CO13058+	SW-912465948-A	4.74	0 1-	2ACSR	0	0	1227	312	0	0	0	0.00	0.92	0
CO14938+	CO14796	4.16	6 1-	4ACSR	0	0	1353	319	46	3	2	0.00	0.92	0
CO14937+	CO14938	4.19	4 1-	4ACSR	0	0	1344	319	25	1	1	0.00	0.92	0
CO14994+	CO14937	4.23	1 1-	2ACSR	0	0	1335	318	11	0	0	0.00	0.92	0
CO14993+	CO14994	4.33	1 1-	2ACSR	0	0	1313	317	11	0	0	0.00	0.93	0
CO14821+	CO14796	4.15	1 1-	4ACSR	0	0	1357	320	15	1	1	0.00	0.92	0
CO14925+	CO14797	4.09	7 1-	4ACSR	0	0	1372	320	75	5	4	0.01	0.92	0
CO14924+	CO14925	4.12	2 1-	4ACSR	0	0	1362	320	8	0	0	0.00	0.92	0
CO14923+	CO14925	4.14	5 1-	4ACSR	0	0	1355	319	67	4	3	0.00	0.93	0
CO14922+	CO14923	4.16	3 1-	4ACSR	0	0	1352	319	38	2	2	0.00	0.93	0
CO15114+	CO14922	4.17	2 1-	4ACSR	0	0	1348	319	25	1	1	0.00	0.93	0
CO15115+	CO15114	4.19	1 1-	4ACSR	0	0	1342	318	11	0	1	0.00	0.93	0
CO14832+	CO14922	4.25	1 1-	1/0PRIURD	0	0	1336	667	12	0	1	0.00	0.93	0
CO14822+	CO15113	3.83	3 1-	4ACSR	0	0	1438	324	25	1	1	0.00	0.88	0
CO218770412+	CO535841002	3.63	1 1-	2ACSR	0	0	1495	327	0	0	0	0.00	0.82	0
CO15144+	CO14799	3.40	32 1-	4ACSR	0	0	1563	330	220	14	11	0.01	0.78	4
OC439+	CO15144	3.40	32 1-	20 N FUSE	0	0	1563	330	220	14	74	0.00	0.78	0
CO15145+	OC439	3.59	32 1-	4ACSR	0	0	1497	326	220	14	11	0.06	0.84	20
CO15098+	CO15145	3.66	29 1-	4ACSR	0	0	1470	325	201	13	10	0.02	0.86	7
CO14792+	CO15098	3.76	5 1-	4ACSR	0	0	1439	323	30	1	1	0.00	0.87	0
CO14912+	CO14792	3.83	4 1-	4ACSR	0	0	1417	321	18	1	1	0.00	0.87	0
CO15106+	CO14912	3.87	3 1-	4ACSR	0	0	1405	321	16	1	1	0.00	0.87	0
CO15107+	CO15106	3.92	2 1-	4ACSR	0	0	1388	320	12	0	1	0.00	0.87	0
CO14911+	CO15107	4.02	2 1-	4ACSR	0	0	1359	318	12	0	1	0.00	0.87	0
CO14818+	CO14912	3.90	1 1-	4ACSR	0	0	1395	320	2	0	0	0.00	0.87	0
CO14819+	CO14792	3.88	1 1-	4ACSR	0	0	1400	320	11	0	1	0.00	0.87	0
CO14826+	CO15098	3.74	10 1-	4ACSR	0	0	1447	323	73	4	3	0.01	0.87	0
CO15104+	CO14826	3.86	3 1-	4ACSR	0	0	1407	321	22	1	1	0.00	0.87	0
CO15105+	CO15104	3.91	2 1-	4ACSR	0	0	1390	320	17	1	1	0.00	0.87	0
CO14825+	CO14826	3.86	3 1-	4ACSR	0	0	1406	321	26	1	1	0.00	0.87	0
CO-1060613769+	CO14825	3.92	1 1-	2ACSR	0	0	1392	320	15	0	1	0.00	0.87	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15099+	CO15098	3.70	13 1-	4ACSR	0	0	1459	324	91	6	4	0.00	0.87	0
CO15100+	CO15099	3.84	11 1-	4ACSR	0	0	1413	321	71	4	3	0.01	0.88	0
CO15101+	CO15100	3.87	6 1-	4ACSR	0	0	1403	321	39	2	2	0.00	0.88	0
CO15102+	CO15101	3.92	4 1-	4ACSR	0	0	1389	320	27	1	1	0.00	0.88	0
CO15103+	CO15102	4.00	1 1-	4ACSR	0	0	1365	318	7	0	0	0.00	0.88	0
CO14831+	CO14799	3.48	1 1-	4ACSR	0	0	1535	328	7	0	0	0.00	0.77	0
CO15148+	CO14800	3.29	0 1-	4ACSR	0	0	1594	331	0	0	0	0.00	0.76	0
OC438+	CO15148	3.29	0 1-	10 N FUSE	0	0	1594	331	0	0	0	0.00	0.76	0
CO15142+	CO17179	3.04	5 1-	4ACSR	0	0	1667	334	30	2	1	0.00	0.74	0
OC437+	CO15142	3.04	5 1-	10 N FUSE	0	0	1667	334	30	2	20	0.00	0.74	0
CO15143+	OC437	3.16	5 1-	4ACSR	0	0	1622	332	30	2	1	0.01	0.74	0
CO14868+	CO15143	3.25	5 1-	4ACSR	0	0	1587	330	30	2	1	0.00	0.75	0
CO15008+	CO14868	3.29	1 1-	2ACSR	0	0	1572	329	14	0	1	0.00	0.75	0
CO15007+	CO15008	3.32	1 1-	2ACSR	0	0	1565	329	14	0	1	0.00	0.75	0
CO17177+	CO14868	3.36	2 1-	4ACSR	0	0	1545	327	3	0	0	0.00	0.75	0
CO15448+	CO17177	3.53	2 1-	4ACSR	0	0	1484	324	3	0	0	0.00	0.75	0
CO15447+	CO15448	3.56	1 1-	4ACSR	0	0	1474	323	0	0	0	0.00	0.75	0
CO15228+	CO1774778305	2.98	1 1-	4ACSR	0	0	1673	333	0	0	0	0.00	0.72	0
OC-902343640+	CO15228	2.98	0 1-	20 N FUSE	0	0	1673	333	0	0	0	0.00	0.72	0
CO687393278+	CO-189235125	2.85	1 1-	2ACSR	0	0	1726	336	0	0	0	0.00	0.70	0
CO-871521664+	CO687393278	3.04	1 1-	2ACSR	0	0	1660	333	0	0	0	0.00	0.70	0
CO15227+	CO15394	2.80	2 2-	4ACSR	0	1920	1735	336	1	0	0	0.00	0.69	0
OC1247814603+	CO15227	2.80	0 2-	20 N FUSE	0	1920	1735	336	0	0	0	0.00	0.69	0
CO15174+	CO15395	2.24	293 3-	4/0ACSR	2211	2132	1952	343	1860	41	12	0.01	0.65	28
CO17080+	CO15174	2.53	293 3-	4/0ACSR	2130	2043	1843	341	1860	41	12	0.06	0.70	147
CO13168+	CO17080	2.62	288 3-	4/0ACSR	2106	2017	1811	340	1825	40	12	0.02	0.72	45
CO13169+	CO13168	2.67	287 3-	4/0ACSR	2094	2004	1796	340	1820	40	12	0.01	0.73	22
CO13346+	CO13169	2.68	3 3-	2ACSR	2092	2002	1793	340	74	1	1	0.00	0.73	0
OC961+	CO13346	2.68	3 3-	10 N FUSE	2092	2002	1793	340	74	1	16	0.00	0.73	0
CO13347+	OC961	2.73	3 3-	2ACSR	2074	1982	1773	339	74	1	1	0.00	0.73	0
CO13227+	CO13347	2.82	2 3-	2ACSR	2046	1951	1742	338	56	1	1	0.00	0.73	0
CO17086+	CO13227	3.05	0 1-	4ACSR	0	0	1647	333	0	0	0	0.00	0.73	0
CO13108+	CO17086	3.14	0 1-	4ACSR	0	0	1611	331	0	0	0	0.00	0.73	0
CO13226+	CO13227	2.89	2 3-	2ACSR	2021	1924	1714	337	56	1	1	0.00	0.73	0
320206014+	CO13226	2.89	1 3-	Consumer	2021	1924	1714	337	56	1	0	0.00	0.73	0
CO13230+	CO13169	2.84	284 3-	4/0ACSR	2051	1958	1740	339	1746	39	12	0.03	0.76	75
CO13231+	CO13230	2.94	284 3-	4/0ACSR	2027	1932	1710	338	1745	39	12	0.02	0.78	43
CO13348+	CO13231	2.94	0 3-	4ACSR	2026	1930	1708	338	0	0	0	0.00	0.78	0
CO13233+	CO13231	3.02	284 3-	4/0ACSR	2006	1910	1684	337	1745	39	12	0.02	0.79	38
CO13232+	CO13233	3.10	284 3-	4/0ACSR	1988	1891	1662	337	1745	39	12	0.01	0.81	34
CO13236+	CO13232	3.58	283 3-	4/0ACSR	1883	1779	1535	333	1738	39	11	0.09	0.90	208
CO13239+	CO13236	3.63	2 1-	4ACSR	0	0	1518	332	22	1	1	0.00	0.90	0
OC-496284717+	CO13239	3.63	1 1-	20 N FUSE	0	0	1518	332	3	0	1	0.00	0.90	0
CO13238+	OC-496284717	3.67	1 1-	4ACSR	0	0	1503	331	3	0	0	0.00	0.90	0
CO13237+	CO13236	3.63	281 3-	4/0ACSR	1873	1768	1523	333	1716	38	11	0.01	0.90	21
CO13344+	CO13237	3.63	281 3-	4/0ACSR	1872	1767	1521	333	1716	38	11	0.00	0.91	3
OC379+	CO13344	3.63	281 3-	100 L OCR	1872	1767	1521	333	1716	38	39	0.00	0.91	0
CO13345+	OC379	3.81	281 3-	4/0ACSR	1836	1730	1480	332	1716	38	11	0.03	0.94	74
CO13170+	CO13345	4.14	274 3-	4/0ACSR	1772	1663	1408	329	1677	37	11	0.06	0.99	135
CO13171+	CO13170	4.23	272 3-	4/0ACSR	1754	1645	1388	329	1671	37	11	0.02	1.01	39
CO13247+	CO13171	4.47	4 1-	4ACSR	0	0	1326	324	12	0	1	0.00	1.02	0
OC-1121608851+	CO13247	4.47	3 1-	20 N FUSE	0	0	1326	324	12	0	4	0.00	1.02	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13248+	OC-1121608851	4.52	3 1-	4ACSR	0	0	1313	323	12	0	1	0.00	1.02	0
CO13249+	CO13248	4.65	3 1-	4ACSR	0	0	1278	320	12	0	1	0.00	1.02	0
CO13210+	CO13249	4.77	1 1-	4ACSR	0	0	1248	318	9	0	0	0.00	1.02	0
CO13209+	CO13249	4.79	2 1-	4ACSR	0	0	1245	317	3	0	0	0.00	1.02	0
CO13172+	CO13171	4.70	268 3-	4/0ACSR	1672	1561	1299	325	1658	37	11	0.08	1.09	187
CO13349+	CO13172	4.77	218 3-	4/0ACSR	1661	1550	1288	325	1340	30	9	0.01	1.10	17
CO13253+	CO13349	4.84	218 3-	4/0ACSR	1650	1538	1275	324	1340	30	9	0.01	1.11	19
CO13250+	CO13253	4.93	218 3-	4/0ACSR	1635	1523	1260	323	1340	30	9	0.01	1.12	24
CO13251+	CO13250	5.05	218 3-	4/0ACSR	1616	1504	1240	323	1340	30	9	0.02	1.14	31
CO13252+	CO13251	5.11	218 3-	4/0ACSR	1606	1494	1230	322	1340	30	9	0.01	1.15	17
CO13221+	CO13252	5.20	1 1-	4ACSR	0	0	1211	320	2	0	0	0.00	1.15	0
OC-720310827+	CO13221	5.20	0 1-	20 N FUSE	0	0	1211	320	0	0	0	0.00	1.15	0
CO13220+	CO13252	5.27	1 1-	4ACSR	0	0	1197	319	18	1	1	0.00	1.15	0
OC401730592+	CO13220	5.27	0 1-	20 N FUSE	0	0	1197	319	0	0	0	0.00	1.15	0
CO17078+	CO13252	5.25	215 3-	4/0ACSR	1585	1473	1208	321	1316	29	9	0.02	1.17	34
XFMR344	CO17078	5.25	215 3-	1000 KVA 1PH AU	1578	1523	1369	175	1316	29	43	0.33	1.50	0
REG176	XFMR344	5.25	215 3-	200	1578	1523	1369	175	1316	59	30	-1.50	0.00	0
OH175	REG176	5.41	215 3-	4/0ACSR	1533	1474	1310	174	1316	58	17	0.09	0.09	158
CO12700	OH175	5.54	206 3-	4/0ACSR	1499	1437	1266	174	1253	55	16	0.06	0.15	114
CO12812	CO12700	5.66	205 3-	4/0ACSR	1469	1404	1228	173	1245	55	16	0.06	0.21	105
CO12814	CO12812	5.69	204 3-	4/0ACSR	1460	1395	1217	173	1242	55	16	0.02	0.23	31
CO12813	CO12814	5.72	201 3-	4/0ACSR	1452	1387	1208	173	1228	54	16	0.02	0.24	26
CO12811	CO12813	5.80	199 3-	4/0ACSR	1433	1366	1184	173	1213	54	16	0.04	0.28	68
CO12900	CO12811	5.86	3 1-	4ACSR	0	0	1163	172	18	2	2	0.01	0.29	0
CO12902	CO12900	5.88	1 1-	4ACSR	0	0	1155	172	14	1	1	0.00	0.29	0
CO12901	CO12902	5.93	1 1-	4ACSR	0	0	1139	172	14	1	1	0.00	0.29	0
CO12803	CO12811	5.85	191 3-	4/0ACSR	1422	1354	1171	173	1172	52	15	0.02	0.30	35
CO12802	CO12803	5.87	187 3-	4/0ACSR	1417	1348	1164	173	1143	50	15	0.01	0.31	17
CO-285858254	CO12802	5.91	181 3-	1/0ACSR	1407	1338	1155	172	1104	49	21	0.03	0.34	48
CO2006661083	CO-285858254	5.98	181 3-	1/0ACSR	1387	1317	1134	172	1103	49	21	0.06	0.40	105
CO12866	CO2006661083	6.07	181 3-	1/0ACSR	1362	1291	1109	172	1103	49	21	0.08	0.48	128
CO12865	CO12866	6.10	181 3-	1/0ACSR	1356	1284	1103	171	1102	49	21	0.02	0.50	33
CO12747	CO12865	6.22	2 1-	4ACSR	0	0	1063	170	12	1	1	0.00	0.50	0
OC21552927	CO12747	6.22	0 1-	20 N FUSE	0	0	1063	170	0	0	0	0.00	0.50	0
CO12805	CO12865	6.13	179 3-	1/0ACSR	1347	1275	1094	171	1090	48	21	0.03	0.53	50
CO12804	CO12805	6.18	179 3-	1/0ACSR	1335	1262	1082	171	1090	48	21	0.04	0.56	63
CO12904	CO12804	6.28	3 1-	4ACSR	0	0	1051	170	12	1	1	0.01	0.57	0
OC445549200	CO12904	6.28	2 1-	20 N FUSE	0	0	1051	170	9	1	6	0.00	0.57	0
CO-637795944	OC445549200	6.41	1 1-	2ACSR	0	0	1017	169	9	1	1	0.00	0.57	0
CO12903	OC445549200	6.31	1 1-	4ACSR	0	0	1040	170	0	0	0	0.00	0.57	0
CO12806	CO12804	6.24	176 3-	1/0ACSR	1319	1246	1067	171	1077	48	21	0.05	0.61	82
CO12808	CO12806	6.34	174 3-	1/0ACSR	1296	1221	1044	170	1065	47	21	0.08	0.69	125
CO12807	CO12808	6.60	174 3-	1/0ACSR	1236	1159	986	169	1065	47	21	0.20	0.90	339
CO12701	CO12807	6.84	169 3-	1/0ACSR	1184	1106	937	168	1035	46	20	0.18	1.08	296
CO12702	CO12701	6.97	163 3-	1/0ACSR	1156	1078	912	167	987	44	19	0.10	1.18	151
CO12921	CO12702	6.98	32 1-	4ACSR	0	0	910	167	165	22	16	0.01	1.18	0
OC362	CO12921	6.98	32 1-	50 H OCR	0	0	910	167	165	22	44	0.00	1.18	0
CO12922	OC362	7.05	32 1-	4ACSR	0	0	893	166	165	22	16	0.07	1.25	19
CO12733	CO12922	7.13	1 1-	4ACSR	0	0	873	165	3	0	0	0.00	1.25	0
CO12817	CO12922	7.10	31 1-	4ACSR	0	0	881	166	162	21	16	0.05	1.30	12
CO12816	CO12817	7.15	31 1-	4ACSR	0	0	870	165	162	21	16	0.05	1.35	13
CO12815	CO12816	7.24	31 1-	4ACSR	0	0	848	164	162	21	16	0.08	1.43	22

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12857	CO12815	7.32	1 1-	2ACSR	0	0	833	164	7	0	1	0.00	1.44	0
OC1905736324	CO12857	7.32	1 1-	20 N FUSE	0	0	833	164	7	0	5	0.00	1.44	0
CO12856	OC1905736324	7.40	1 1-	2ACSR	0	0	819	163	7	0	1	0.00	1.44	0
CO12745	CO12856	7.47	0 1-	2ACSR	0	0	807	163	0	0	0	0.00	1.44	0
CO12858	CO12856	7.46	1 1-	2ACSR	0	0	808	163	7	0	1	0.00	1.44	0
CO12862	CO12858	7.53	1 1-	2ACSR	0	0	798	162	7	0	1	0.00	1.44	0
CO12859	CO12862	7.60	1 1-	2ACSR	0	0	786	162	7	0	1	0.00	1.44	0
CO12861	CO12859	7.69	1 1-	2ACSR	0	0	771	161	7	0	1	0.00	1.45	0
CO12860	CO12861	7.79	1 1-	2ACSR	0	0	755	161	7	0	1	0.00	1.45	0
CO12855	CO12815	7.37	27 1-	4ACSR	0	0	819	163	140	18	14	0.11	1.54	25
CO12854	CO12855	7.41	27 1-	4ACSR	0	0	811	163	140	18	14	0.03	1.58	8
CO12910	CO12854	7.48	2 1-	4ACSR	0	0	797	162	10	1	1	0.00	1.58	0
CO12909	CO12910	7.51	2 1-	4ACSR	0	0	791	162	10	1	1	0.00	1.58	0
CO12738	CO12909	7.60	1 1-	4ACSR	0	0	773	161	10	1	1	0.00	1.58	0
CO12863	CO12854	7.44	25 1-	4ACSR	0	0	805	162	130	17	13	0.02	1.60	5
CO17149	CO12863	7.89	25 1-	4ACSR	0	0	719	158	130	17	13	0.35	1.94	74
CO12488	CO17149	7.95	25 1-	4ACSR	0	0	707	157	130	17	13	0.05	1.99	11
CO12386	CO12488	8.02	24 1-	4ACSR	0	0	696	157	126	17	12	0.05	2.04	10
CO12487	CO12386	8.03	23 1-	4ACSR	0	0	694	157	119	16	12	0.01	2.05	0
CO12486	CO12487	8.08	23 1-	4ACSR	0	0	687	156	119	16	12	0.03	2.08	6
CO12384	CO12486	8.14	23 1-	4ACSR	0	0	677	156	119	16	12	0.04	2.12	8
CO12385	CO12384	8.28	21 1-	4ACSR	0	0	655	154	105	14	10	0.08	2.21	14
CO12383	CO12385	8.33	18 1-	4ACSR	0	0	647	154	94	12	9	0.03	2.23	4
CO12485	CO12383	8.40	17 1-	4ACSR	0	0	637	153	79	10	8	0.03	2.27	4
CO12484	CO12485	8.51	16 1-	4ACSR	0	0	623	152	79	10	8	0.05	2.32	6
OC1894279417	CO12484	8.51	16 1-	20 N FUSE	0	0	623	152	79	10	54	0.00	2.32	0
CO12455	OC1894279417	8.55	1 1-	4ACSR	0	0	616	152	1	0	0	0.00	2.32	0
CO12454	CO12455	8.68	1 1-	4ACSR	0	0	599	151	1	0	0	0.00	2.32	0
CO12324	OC1894279417	8.60	15 1-	4ACSR	0	0	610	152	78	10	8	0.04	2.36	5
CO12326	CO12324	8.73	5 1-	4ACSR	0	0	593	150	22	2	2	0.02	2.38	0
CO12481	CO12326	8.81	3 1-	4ACSR	0	0	583	150	12	1	1	0.00	2.38	0
CO12482	CO12481	8.89	1 1-	4ACSR	0	0	573	149	8	1	1	0.00	2.38	0
CO12365	CO12482	8.93	1 1-	2ACSR	0	0	569	149	8	1	1	0.00	2.38	0
CO12483	CO12482	8.92	0 1-	4ACSR	0	0	570	149	0	0	0	0.00	2.38	0
CO12381	CO12483	8.97	0 1-	4ACSR	0	0	564	148	0	0	0	0.00	2.38	0
CO12423	CO12326	8.81	2 1-	4ACSR	0	0	583	150	10	1	1	0.00	2.38	0
CO12422	CO12423	8.87	2 1-	4ACSR	0	0	575	149	10	1	1	0.00	2.38	0
CO12437	CO12422	9.01	1 1-	4ACSR	0	0	559	148	0	0	0	0.00	2.38	0
CO12438	CO12437	9.13	0 1-	4ACSR	0	0	546	147	0	0	0	0.00	2.38	0
CO12367	CO12437	9.07	1 1-	2ACSR	0	0	553	148	0	0	0	0.00	2.38	0
CO12366	CO12422	8.95	1 1-	4ACSR	0	0	566	149	10	1	1	0.00	2.39	0
CO12325	CO12324	8.65	10 1-	4ACSR	0	0	603	151	57	7	5	0.02	2.38	0
CO12421	CO12325	8.73	9 1-	4ACSR	0	0	592	150	51	6	5	0.03	2.40	2
CO12370	CO12421	8.76	2 1-	1/0PRIURD	0	0	591	299	16	2	1	0.00	2.40	0
CO12420	CO12421	8.80	7 1-	4ACSR	0	0	585	150	36	4	3	0.01	2.42	0
CO-1389136110	CO12420	8.91	1 1-	2ACSR	0	0	573	149	11	1	1	0.00	2.42	0
CO12508	CO12420	8.84	2 1-	4ACSR	0	0	579	149	8	1	1	0.00	2.42	0
CO12509	CO12508	9.02	2 1-	4ACSR	0	0	558	148	8	1	1	0.01	2.43	0
CO12502	CO12509	9.09	2 1-	4ACSR	0	0	551	147	8	1	1	0.00	2.43	0
CO12503	CO12502	9.15	2 1-	4ACSR	0	0	544	147	8	1	1	0.00	2.43	0
CO12352	CO12420	9.08	2 1-	4ACSR	0	0	551	147	13	1	1	0.01	2.43	0
CO12382	CO12420	8.83	2 1-	4ACSR	0	0	580	150	5	0	0	0.00	2.42	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12504	CO12382	9.18	1 1-	4ACSR	0	0	541	147	1	0	0	0.00	2.42	0
CO12505	CO12504	9.26	1 1-	4ACSR	0	0	533	146	1	0	0	0.00	2.42	0
CO12353	CO12325	8.73	0 1-	4ACSR	0	0	593	150	0	0	0	0.00	2.38	0
CO12919	CO12702	6.98	131 3-	1/0ACSR	1155	1077	911	167	821	36	16	0.00	1.18	5
OC960	CO12919	6.98	131 3-	70 L OCR	1155	1077	911	167	821	36	53	0.00	1.18	0
CO12920	OC960	7.04	131 3-	1/0ACSR	1143	1064	900	167	821	36	16	0.04	1.22	48
CO12823	CO12920	7.07	129 3-	1/0ACSR	1139	1060	896	167	815	36	16	0.01	1.23	17
CO12824	CO12823	7.13	128 3-	1/0ACSR	1127	1048	885	166	805	36	16	0.04	1.27	46
CO12825	CO12824	7.25	127 3-	1/0ACSR	1103	1024	863	166	794	35	16	0.07	1.34	93
CO12820	CO12825	7.28	126 3-	1/0ACSR	1098	1019	859	165	794	35	16	0.02	1.36	19
CO12819	CO12820	7.34	124 3-	1/0ACSR	1087	1008	849	165	775	34	15	0.04	1.40	43
CO12740	CO12819	7.41	1 1-	2ACSR	0	0	837	165	6	0	0	0.00	1.40	0
OC-439766971	CO12740	7.41	0 1-	20 N FUSE	0	0	837	165	0	0	0	0.00	1.40	0
CO12822	CO12819	7.42	123 3-	1/0ACSR	1073	994	837	165	769	34	15	0.04	1.44	52
CO12821	CO12822	7.49	123 3-	1/0ACSR	1061	982	826	164	769	34	15	0.04	1.48	46
CO12826	CO12821	7.53	121 3-	1/0ACSR	1054	975	820	164	754	33	15	0.02	1.50	28
CO12818	CO12826	7.62	121 3-	1/0ACSR	1039	959	806	164	754	33	15	0.05	1.55	62
CO12832	CO12818	7.75	121 3-	1/0ACSR	1018	939	788	163	753	33	15	0.07	1.63	85
CO12834	CO12832	7.77	120 3-	1/0ACSR	1014	935	785	163	753	33	15	0.01	1.64	14
CO12833	CO12834	7.84	120 3-	1/0ACSR	1004	925	776	163	753	33	15	0.04	1.68	45
CO12829	CO12833	7.88	2 1-	4ACSR	0	0	768	162	14	1	1	0.00	1.68	0
OC1177691798	CO12829	7.88	0 1-	20 N FUSE	0	0	768	162	0	0	0	0.00	1.68	0
CO12925	OC1177691798	7.89	0 1-	4ACSR	0	0	766	162	0	0	0	0.00	1.68	0
CO12835	CO12833	8.01	118 3-	1/0ACSR	978	902	753	162	738	33	14	0.09	1.77	107
CO12836	CO12835	8.06	117 3-	1/0ACSR	970	895	747	162	727	32	14	0.03	1.80	31
CO12840	CO12836	8.14	116 3-	1/0ACSR	959	885	737	161	711	32	14	0.04	1.84	44
CO12837	CO12840	8.22	114 3-	1/0ACSR	947	874	727	161	698	31	14	0.04	1.88	49
CO983237913	CO12837	8.36	114 3-	2ACSR	925	855	708	160	698	31	17	0.11	1.99	123
CO1536667589	CO983237913	8.42	101 3-	2ACSR	915	846	700	160	617	27	15	0.04	2.03	44
CO12838	CO1536667589	8.48	101 3-	1/0ACSR	907	840	694	159	617	27	12	0.03	2.06	26
CO12743	CO12838	8.50	1 1-	4ACSR	0	0	691	159	10	1	1	0.00	2.06	0
OC-710497005	CO12743	8.50	0 1-	20 N FUSE	0	0	691	159	0	0	0	0.00	2.06	0
CO12827	CO12838	8.58	3 1-	4ACSR	0	0	679	158	8	1	1	0.00	2.06	0
OC-251128978	CO12827	8.58	3 1-	20 N FUSE	0	0	679	158	8	1	5	0.00	2.06	0
CO12828	OC-251128978	8.72	3 1-	4ACSR	0	0	658	157	8	1	1	0.00	2.07	0
CO12831	CO12828	8.82	2 1-	4ACSR	0	0	644	156	0	0	0	0.00	2.07	0
CO12830	CO12831	8.86	1 1-	4ACSR	0	0	638	156	0	0	0	0.00	2.07	0
CO12927	CO12830	8.87	0 1-	4ACSR	0	0	637	156	0	0	0	0.00	2.07	0
CO12851	CO12838	8.51	97 3-	1/0ACSR	903	836	690	159	599	27	12	0.01	2.07	13
CO12850	CO12851	8.59	97 3-	1/0ACSR	892	826	682	159	599	27	12	0.04	2.11	34
CO12742	CO12850	8.73	1 1-	4ACSR	0	0	661	157	19	2	2	0.01	2.12	0
OC1288592012	CO12742	8.73	0 1-	20 N FUSE	0	0	661	157	0	0	0	0.00	2.12	0
CO12842	CO12850	8.67	95 3-	1/0ACSR	882	817	673	158	564	25	11	0.03	2.14	30
CO12708	CO12842	9.01	1 1-	4ACSR	0	0	626	155	2	0	0	0.00	2.14	0
OC-895122685	CO12708	9.01	0 1-	20 N FUSE	0	0	626	155	0	0	0	0.00	2.14	0
CO12841	CO12842	8.69	94 3-	1/0ACSR	880	815	671	158	562	25	11	0.01	2.15	8
CO12844	CO12841	8.89	93 3-	1/0ACSR	856	794	652	157	561	25	11	0.08	2.23	72
CO12843	CO12844	8.93	92 3-	1/0ACSR	852	790	648	157	561	25	11	0.02	2.25	14
CO12763	CO12843	8.97	88 3-	1/0ACSR	847	786	644	157	554	25	11	0.02	2.26	15
CO12762	CO12763	9.08	88 3-	1/0ACSR	834	774	633	157	554	25	11	0.05	2.31	40
CO12764	CO12762	9.11	87 3-	1/0ACSR	831	771	631	156	547	24	11	0.01	2.32	10
CO12765	CO12764	9.18	85 3-	1/0ACSR	823	764	624	156	525	23	10	0.03	2.35	23

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12928	CO12765	9.19	20 1-	4ACSR	0	0	624	156	105	14	10	0.00	2.35	0
CO12929	CO12928	9.24	20 1-	4ACSR	0	0	617	156	105	14	10	0.03	2.39	6
OC-1761406253	CO12929	9.24	20 1-	50 E OCR	0	0	617	156	105	14	29	0.00	2.39	0
CO12847	OC-1761406253	9.27	20 1-	4ACSR	0	0	613	155	105	14	10	0.02	2.40	3
CO12848	CO12847	9.30	19 1-	4ACSR	0	0	610	155	86	11	8	0.01	2.42	0
CO12846	CO12848	9.32	19 1-	4ACSR	0	0	607	155	86	11	8	0.01	2.43	0
CO12845	CO12846	9.36	18 1-	4ACSR	0	0	602	154	86	11	8	0.02	2.45	3
CO12849	CO12845	9.40	18 1-	4ACSR	0	0	597	154	86	11	8	0.02	2.47	2
CO12869	CO12849	9.47	3 1-	4ACSR	0	0	589	153	9	1	1	0.00	2.47	0
CO12871	CO12869	9.54	1 1-	4ACSR	0	0	581	153	4	0	0	0.00	2.48	0
CO12870	CO12871	9.58	1 1-	4ACSR	0	0	576	152	4	0	0	0.00	2.48	0
CO12777	CO12849	9.60	13 1-	4ACSR	0	0	574	152	54	7	5	0.06	2.53	6
CO12775	CO12777	9.67	13 1-	4ACSR	0	0	566	152	54	7	5	0.02	2.56	0
CO12776	CO12775	9.70	13 1-	4ACSR	0	0	563	151	54	7	5	0.01	2.57	0
CO12766	CO12776	9.71	12 1-	4ACSR	0	0	562	151	54	7	5	0.00	2.57	0
CO12768	CO12766	9.74	12 1-	4ACSR	0	0	559	151	54	7	5	0.01	2.58	0
CO12748	CO12768	9.78	1 1-	2ACSR	0	0	555	151	9	1	1	0.00	2.58	0
CO12767	CO12768	9.87	9 1-	4ACSR	0	0	545	150	42	5	4	0.03	2.61	2
CO17222	CO12767	9.94	9 1-	4ACSR	0	0	538	149	42	5	4	0.02	2.63	0
CO13297	CO17222	10.03	5 1-	4ACSR	0	0	529	149	23	3	2	0.01	2.64	0
CO13296	CO13297	10.10	5 1-	4ACSR	0	0	522	148	23	3	2	0.01	2.65	0
SW382-B	CO13296	10.10	0 1-	Open	0	0	522	148	0	0	0	0.00	2.65	0
CO13153	CO13296	10.18	3 1-	4ACSR	0	0	514	147	7	1	1	0.00	2.65	0
CO13187	CO13153	10.27	1 1-	4ACSR	0	0	506	147	5	0	0	0.00	2.65	0
CO13154	CO13153	10.23	1 1-	4ACSR	0	0	510	147	1	0	0	0.00	2.65	0
CO13188	CO13154	10.32	1 1-	4ACSR	0	0	502	146	1	0	0	0.00	2.65	0
CO13186	CO13296	10.17	1 1-	4ACSR	0	0	515	147	8	1	1	0.00	2.65	0
CO13185	CO17222	10.03	2 1-	4ACSR	0	0	529	149	13	1	1	0.00	2.63	0
CO12760	CO12765	9.26	65 3-	1/0ACSR	815	756	617	156	420	19	8	0.03	2.38	17
CO12761	CO12760	9.30	65 3-	1/0ACSR	810	752	614	156	420	19	8	0.01	2.39	8
CO12697	CO12761	9.36	45 1-	4ACSR	0	0	607	155	283	38	27	0.09	2.48	41
CO12853	CO12697	9.62	45 1-	4ACSR	0	0	576	153	282	38	27	0.44	2.92	201
OC-542518067	CO12853	9.62	44 1-	50 E OCR	0	0	576	153	272	37	74	0.00	2.92	0
CO12852	OC-542518067	9.68	44 1-	4ACSR	0	0	570	152	272	37	27	0.09	3.01	43
CO12693	CO12852	9.96	42 1-	4ACSR	0	0	540	150	254	34	25	0.44	3.45	183
CO12713	CO12693	10.00	1 1-	4ACSR	0	0	536	149	12	1	1	0.00	3.45	0
CO12712	CO12693	10.07	0 1-	4ACSR	0	0	528	149	0	0	0	0.00	3.45	0
CO12692	CO12693	10.06	41 1-	4ACSR	0	0	530	149	241	33	24	0.14	3.58	55
CO12750	CO12692	10.16	6 1-	4ACSR	0	0	520	148	64	8	6	0.04	3.62	4
CO12749	CO12750	10.24	5 1-	4ACSR	0	0	512	147	64	8	6	0.03	3.66	4
CO12691	CO12749	10.37	4 1-	4ACSR	0	0	501	146	50	6	5	0.04	3.69	3
CO12875	CO12691	10.44	0 1-	4ACSR	0	0	494	146	0	0	0	0.00	3.69	0
SW100178695-B	CO12875	10.44	0 1-	Closed	0	0	494	146	0	0	0	0.00	3.69	0
SW100178695-A	SW100178695-B	10.44	0 1-	Closed	0	0	494	146	0	0	0	0.00	3.69	0
CO12874	SW100178695-A	10.49	0 1-	4ACSR	0	0	490	145	0	0	0	0.00	3.69	0
CO12873	CO12691	10.48	2 1-	4ACSR	0	0	491	145	19	2	2	0.01	3.71	0
CO12872	CO12873	10.55	1 1-	4ACSR	0	0	485	145	18	2	2	0.00	3.71	0
CO12769	CO12691	10.52	2 1-	4ACSR	0	0	488	145	32	4	3	0.02	3.72	0
CO17155	CO12769	10.92	1 1-	4ACSR	0	0	456	142	20	2	2	0.02	3.74	0
CO13860	CO17155	10.99	0 1-	4ACSR	0	0	450	141	0	0	0	0.00	3.74	0
CO13859	CO13860	11.13	0 1-	4ACSR	0	0	441	140	0	0	0	0.00	3.74	0
CO13813	CO13859	11.18	0 1-	4ACSR	0	0	437	140	0	0	0	0.00	3.74	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13851	CO13859	11.21	0 1-	4ACSR	0	0	435	140	0	0	0	0.00	3.74	0
CO13852	CO13851	11.26	0 1-	4ACSR	0	0	431	139	0	0	0	0.00	3.74	0
CO13853	CO13852	11.32	0 1-	4ACSR	0	0	427	139	0	0	0	0.00	3.74	0
CO12711	CO12749	10.32	1 1-	4ACSR	0	0	505	147	13	1	1	0.00	3.66	0
CO12917	CO12692	10.06	35 1-	4ACSR	0	0	530	149	177	24	17	0.01	3.59	0
CO12918	CO12917	10.17	35 1-	4ACSR	0	0	519	148	177	24	17	0.12	3.71	35
CO12771	CO12918	10.24	35 1-	4ACSR	0	0	513	147	177	24	17	0.07	3.78	21
CO12770	CO12771	10.49	35 1-	4ACSR	0	0	491	145	177	24	17	0.26	4.05	78
OC-233342225	CO12770	10.49	35 1-	20 N FUSE	0	0	491	145	177	24	122	0.00	4.05	0
CO12694	OC-233342225	10.57	35 1-	4ACSR	0	0	483	145	177	24	17	0.09	4.14	27
CO12774	CO12694	10.96	2 1-	4ACSR	0	0	453	142	6	0	1	0.01	4.15	0
CO17153	CO12774	11.16	1 1-	4ACSR	0	0	438	140	1	0	0	0.00	4.15	0
CO12695	CO12694	10.78	32 1-	4ACSR	0	0	466	143	169	23	17	0.21	4.35	60
CO12717	CO12695	10.91	1 1-	4ACSR	0	0	456	142	3	0	0	0.00	4.35	0
CO12773	CO12695	10.91	31 1-	4ACSR	0	0	456	142	165	22	16	0.13	4.48	37
CO12772	CO12773	11.01	31 1-	4ACSR	0	0	449	141	165	22	16	0.10	4.58	26
CO12696	CO12772	11.12	28 1-	4ACSR	0	0	441	140	143	19	14	0.10	4.68	24
CO17147	CO12696	11.31	24 1-	4ACSR	0	0	428	139	109	15	11	0.13	4.80	23
CO17156	CO17147	11.66	1 1-	4ACSR	0	0	405	136	0	0	0	0.00	4.80	0
CO13822	CO17156	11.72	1 1-	4ACSR	0	0	402	136	0	0	0	0.00	4.80	0
CO12341	CO17147	11.45	2 1-	4ACSR	0	0	418	138	1	0	0	0.00	4.80	0
CO12319	CO17147	11.34	21 1-	4ACSR	0	0	426	139	108	14	11	0.02	4.82	3
CO12373	CO12319	11.43	20 1-	4ACSR	0	0	420	138	107	14	11	0.06	4.88	10
CO12374	CO12373	11.53	19 1-	4ACSR	0	0	414	137	99	13	10	0.06	4.94	10
CO12320	CO12374	11.58	18 1-	4ACSR	0	0	410	137	98	13	10	0.03	4.97	5
CO12321	CO12320	11.67	17 1-	4ACSR	0	0	405	136	95	13	9	0.05	5.03	9
CO12375	CO12321	11.87	14 1-	4ACSR	0	0	393	135	84	11	8	0.10	5.12	14
CO12471	CO12375	11.90	13 1-	4ACSR	0	0	391	135	81	11	8	0.02	5.14	0
CO12470	CO12471	11.96	13 1-	4ACSR	0	0	388	134	81	11	8	0.03	5.17	4
CO12472	CO12470	12.05	11 1-	4ACSR	0	0	383	134	79	11	8	0.05	5.21	6
CO12473	CO12472	12.17	11 1-	4ACSR	0	0	377	133	79	11	8	0.06	5.27	7
CO12371	CO12473	12.23	2 1-	4ACSR	0	0	373	132	7	1	1	0.00	5.27	0
CO12372	CO12371	12.36	0 1-	4ACSR	0	0	367	132	0	0	0	0.00	5.27	0
CO12447	CO12473	12.24	0 1-	4ACSR	0	0	373	132	0	0	0	0.00	5.27	0
CO12467	CO12473	12.28	9 1-	4ACSR	0	0	371	132	72	9	7	0.05	5.32	6
CO12345	CO12467	12.34	1 1-	4ACSR	0	0	367	132	10	1	1	0.00	5.32	0
CO12469	CO12467	12.34	7 1-	4ACSR	0	0	368	132	59	8	6	0.02	5.33	0
CO12468	CO12469	12.44	4 1-	4ACSR	0	0	362	131	33	4	3	0.02	5.35	0
CO12369	CO12468	12.47	3 1-	4ACSR	0	0	361	131	26	3	3	0.00	5.35	0
CO862760047	CO12369	12.54	2 1-	2ACSR	0	0	358	130	0	0	0	0.00	5.35	0
CO12344	CO12321	11.90	2 1-	4ACSR	0	0	391	135	10	1	1	0.01	5.03	0
CO12343	CO12320	11.65	1 1-	4ACSR	0	0	406	136	3	0	0	0.00	4.97	0
CO12342	CO12374	11.59	1 1-	4ACSR	0	0	410	137	1	0	0	0.00	4.94	0
CO12340	CO12319	11.41	1 1-	4ACSR	0	0	422	138	0	0	0	0.00	4.82	0
CO12881	CO12696	11.23	4 1-	4ACSR	0	0	433	140	34	4	3	0.02	4.70	0
CO12718	CO12881	11.28	1 1-	4ACSR	0	0	430	139	2	0	0	0.00	4.70	0
CO12878	CO12881	11.30	2 1-	4ACSR	0	0	428	139	22	3	2	0.01	4.71	0
CO12880	CO12878	11.34	1 1-	4ACSR	0	0	426	139	11	1	1	0.00	4.71	0
CO12879	CO12880	11.41	1 1-	4ACSR	0	0	421	138	11	1	1	0.00	4.71	0
CO12877	CO12772	11.12	2 1-	4ACSR	0	0	441	140	21	2	2	0.01	4.59	0
CO12876	CO12877	11.19	1 1-	4ACSR	0	0	436	140	13	1	1	0.00	4.59	0
CO12716	OC-233342225	10.57	0 1-	4ACSR	0	0	483	145	0	0	0	0.00	4.05	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12715	CO12852	9.78	1 1-	4ACSR	0	0	558	151	16	2	2	0.00	3.02	0
CO12714	CO12852	9.71	1 1-	4ACSR	0	0	566	152	1	0	0	0.00	3.01	0
CO12744	CO12761	9.34	2 1-	2ACSR	0	0	610	155	2	0	0	0.00	2.39	0
OC-252436320	CO12744	9.34	0 1-	20 N FUSE	0	0	610	155	0	0	0	0.00	2.39	0
CO12923	CO12761	9.31	17 1-	4ACSR	0	0	613	155	135	18	13	0.01	2.39	0
OC363	CO12923	9.31	17 1-	25 H OCR	0	0	613	155	135	18	73	0.00	2.39	0
CO-1003596680	OC363	9.46	17 1-	2ACSR	0	0	598	155	135	18	10	0.08	2.48	18
CO1973729519	CO-1003596680	9.70	17 1-	2ACSR	0	0	576	153	135	18	10	0.13	2.61	28
CO12758	CO1973729519	9.72	15 1-	4ACSR	0	0	573	153	102	13	10	0.01	2.62	2
CO12759	CO12758	9.85	14 1-	4ACSR	0	0	559	152	94	12	9	0.07	2.69	10
CO12753	CO12759	9.86	12 1-	4ACSR	0	0	557	152	81	10	8	0.01	2.69	0
CO12752	CO12753	9.91	12 1-	4ACSR	0	0	553	151	81	10	8	0.02	2.72	3
CO12757	CO12752	10.04	11 1-	4ACSR	0	0	539	150	80	10	8	0.06	2.78	8
CO12754	CO12757	10.27	11 1-	4ACSR	0	0	517	148	80	10	8	0.11	2.89	14
CO695622032	CO12754	10.33	1 1-	2ACSR	0	0	512	148	14	1	1	0.00	2.89	0
CO12756	CO12754	10.40	9 1-	4ACSR	0	0	505	147	66	8	6	0.05	2.94	6
CO12755	CO12756	10.50	8 1-	4ACSR	0	0	496	146	62	8	6	0.04	2.98	4
CO12706	CO12755	10.61	1 1-	4ACSR	0	0	486	145	10	1	1	0.00	2.98	0
CO12705	CO12755	10.62	1 1-	4ACSR	0	0	485	145	4	0	0	0.00	2.98	0
CO12751	CO12755	10.88	6 1-	4ACSR	0	0	465	143	48	6	5	0.11	3.09	9
CO17059	CO12751	10.93	5 1-	4ACSR	0	0	461	143	44	6	4	0.01	3.10	0
CO12316	CO17059	11.04	5 1-	4ACSR	0	0	453	142	44	6	4	0.03	3.13	2
CO12445	CO12316	11.09	0 1-	4ACSR	0	0	449	141	0	0	0	0.00	3.13	0
CO12446	CO12445	11.13	0 1-	4ACSR	0	0	446	141	0	0	0	0.00	3.13	0
CO12398	CO12316	11.56	5 1-	4ACSR	0	0	417	138	44	6	4	0.14	3.27	10
CO12397	CO12398	11.67	5 1-	4ACSR	0	0	410	137	44	6	4	0.03	3.30	2
CO12335	CO12397	11.76	2 1-	4ACSR	0	0	404	136	11	1	1	0.00	3.30	0
CO12377	CO12397	11.78	3 1-	4ACSR	0	0	403	136	33	4	3	0.02	3.31	0
CO-2082132221	CO12377	11.86	0 1-	2ACSR	0	0	399	136	0	0	0	0.00	3.31	0
CO12378	CO12377	11.85	2 1-	4ACSR	0	0	399	136	13	1	1	0.01	3.32	0
CO12318	CO12378	12.13	2 1-	4ACSR	0	0	383	134	13	1	1	0.02	3.34	0
CO12336	CO12318	12.23	1 1-	4ACSR	0	0	378	133	13	1	1	0.00	3.35	0
CO12376	CO12318	12.21	1 1-	4ACSR	0	0	379	133	0	0	0	0.00	3.34	0
CO12475	CO12376	12.30	1 1-	4ACSR	0	0	374	133	0	0	0	0.00	3.34	0
CO12337	CO12475	12.36	1 1-	4ACSR	0	0	371	132	0	0	0	0.00	3.34	0
CO12334	CO17059	11.04	0 1-	4ACSR	0	0	453	142	0	0	0	0.00	3.10	0
CO17058	CO12751	10.94	1 1-	2ACSR	0	0	461	143	4	0	0	0.00	3.09	0
CO12707	CO1973729519	9.76	2 1-	4ACSR	0	0	568	152	32	4	3	0.01	2.62	0
CO512084185	CO12707	9.89	1 1-	2ACSR	0	0	557	152	21	2	2	0.01	2.62	0
CO12868	CO12843	8.96	2 1-	4ACSR	0	0	643	157	6	0	1	0.00	2.25	0
OC564554501	CO12868	8.96	2 1-	20 N FUSE	0	0	643	157	6	0	4	0.00	2.25	0
CO12867	OC564554501	9.01	2 1-	4ACSR	0	0	636	156	6	0	1	0.00	2.25	0
CO-1542206152	CO983237913	8.37	13 1-	2ACSR	0	0	707	160	80	10	6	0.00	1.99	0
CO1584965183	CO-1542206152	8.43	13 1-	2ACSR	0	0	699	160	80	10	6	0.02	2.01	2
CO753993259	CO1584965183	8.54	13 1-	2ACSR	0	0	685	159	80	10	6	0.04	2.05	5
CO12795	CO753993259	8.61	12 1-	4ACSR	0	0	674	158	68	9	7	0.03	2.08	3
CO12799	CO12795	8.69	11 1-	4ACSR	0	0	662	157	66	8	6	0.03	2.10	3
CO12798	CO12799	8.85	10 1-	4ACSR	0	0	640	156	49	6	5	0.05	2.15	4
CO12800	CO12798	8.96	10 1-	4ACSR	0	0	626	155	49	6	5	0.03	2.18	3
CO12797	CO12800	9.02	10 1-	4ACSR	0	0	617	154	49	6	5	0.02	2.20	0
CO-839754035	CO12797	9.18	2 1-	2ACSR	0	0	601	153	11	1	1	0.00	2.20	0
CO12801	CO12797	9.13	7 1-	4ACSR	0	0	603	153	24	3	2	0.01	2.21	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO12796	CO12801	9.38	6 1-	4ACSR	0	0	573	151	17	2	2	0.03	2.24	0
CO12725	CO12796	9.46	2 1-	4ACSR	0	0	565	150	11	1	1	0.00	2.24	0
CO12724	CO12796	9.47	0 1-	4ACSR	0	0	563	150	0	0	0	0.00	2.24	0
CO12792	CO12796	9.70	3 1-	4ACSR	0	0	538	148	6	0	1	0.01	2.25	0
CO12793	CO12792	9.86	2 1-	4ACSR	0	0	522	147	6	0	1	0.01	2.25	0
CO12723	CO12793	9.95	2 1-	4ACSR	0	0	514	146	6	0	1	0.00	2.26	0
CO12790	CO12793	9.94	0 1-	4ACSR	0	0	515	146	0	0	0	0.00	2.25	0
CO-1340652844	CO12790	10.09	0 1-	2ACSR	0	0	503	146	0	0	0	0.00	2.25	0
SW-557047729-B	CO-1340652844	10.09	0 1-	Open	0	0	503	146	0	0	0	0.00	2.25	0
CO12794	CO753993259	8.64	1 1-	4ACSR	0	0	670	158	12	1	1	0.00	2.05	0
CO12741	CO12820	7.32	2 1-	2ACSR	0	0	851	165	19	2	1	0.00	1.36	0
OC2051765130	CO12741	7.32	0 1-	20 N FUSE	0	0	851	165	0	0	0	0.00	1.36	0
CO12732	CO12701	6.92	2 1-	4ACSR	0	0	917	167	22	2	2	0.01	1.09	0
CO1807282985	CO12732	7.03	1 1-	2ACSR	0	0	893	166	9	1	1	0.00	1.09	0
CO12731	CO12701	6.92	2 1-	4ACSR	0	0	916	167	13	1	1	0.00	1.08	0
OC1264733487	CO12731	6.92	0 1-	20 N FUSE	0	0	916	167	0	0	0	0.00	1.08	0
CO12730	CO12701	6.95	2 1-	4ACSR	0	0	910	167	12	1	1	0.00	1.08	0
CO12729	CO12807	6.71	1 1-	4ACSR	0	0	955	168	3	0	0	0.00	0.90	0
CO12728	CO12807	6.71	3 1-	4ACSR	0	0	955	168	23	3	2	0.01	0.90	0
OC-242050385	CO12728	6.71	0 1-	20 N FUSE	0	0	955	168	0	0	0	0.00	0.90	0
CO1873688948	CO-285858254	5.93	0 1-	2ACSR	0	0	1147	172	0	0	0	0.00	0.34	0
CO12931	CO12802	5.99	5 3-	4ACSR	1375	1300	1121	171	34	1	1	0.01	0.32	0
SW944-B	CO12931	5.99	0 3-	Open	1375	1300	1121	171	0	0	0	0.00	0.32	0
CO12722	CO12931	6.12	2 1-	4ACSR	0	0	1079	170	14	1	1	0.01	0.33	0
OC2024300727	CO12722	6.12	0 1-	20 N FUSE	0	0	1079	170	0	0	0	0.00	0.33	0
CO12721	CO12931	6.08	3 1-	4ACSR	0	0	1089	170	20	2	2	0.01	0.33	0
OC322058959	CO12721	6.08	0 1-	20 N FUSE	0	0	1089	170	0	0	0	0.00	0.33	0
CO12899	CO12700	5.64	1 1-	4ACSR	0	0	1222	173	8	1	1	0.01	0.15	0
OC-1750179821	CO12899	5.64	1 1-	20 N FUSE	0	0	1222	173	8	1	5	0.00	0.15	0
CO12898	OC-1750179821	5.67	1 1-	4ACSR	0	0	1211	172	8	1	1	0.00	0.16	0
CO12810	OH175	5.48	9 1-	4ACSR	0	0	1278	173	62	8	6	0.03	0.11	3
OC938117773	CO12810	5.48	9 1-	20 N FUSE	0	0	1278	173	62	8	41	0.00	0.11	0
CO12809	OC938117773	5.51	9 1-	4ACSR	0	0	1264	173	62	8	6	0.01	0.12	0
CO12726	CO12809	5.56	1 1-	4ACSR	0	0	1244	173	2	0	0	0.00	0.12	0
CO12703	CO12809	5.58	7 1-	4ACSR	0	0	1237	172	58	7	6	0.02	0.14	0
CO12727	CO12703	5.66	1 1-	4ACSR	0	0	1204	172	13	1	1	0.00	0.15	0
CO12893	CO12703	5.63	4 1-	4ACSR	0	0	1214	172	20	2	2	0.01	0.15	0
CO12895	CO12893	5.71	3 1-	4ACSR	0	0	1183	171	19	2	2	0.01	0.16	0
CO12897	CO12895	5.85	2 1-	4ACSR	0	0	1126	169	6	0	1	0.00	0.16	0
CO12896	CO12897	5.93	1 1-	4ACSR	0	0	1097	169	6	0	1	0.00	0.16	0
CO12894	CO12895	5.74	1 1-	4ACSR	0	0	1171	171	13	1	1	0.00	0.16	0
CO-1157100585	CO12894	5.83	1 1-	1/0PRIURD	0	0	1146	402	13	1	1	0.00	0.16	0
CO12892	CO12893	5.67	1 1-	4ACSR	0	0	1201	171	2	0	0	0.00	0.15	0
CO12891	CO12703	5.62	2 1-	4ACSR	0	0	1217	172	24	3	2	0.01	0.15	0
CO12890	CO12891	5.65	1 1-	4ACSR	0	0	1209	172	16	2	2	0.00	0.15	0
XFMR345	CO13172	4.70	50 1-	333 KVA 1PH AUT	0	0	918	174	318	21	93	0.53	1.62	0
CO13342	XFMR345	4.71	50 1-	4ACSR	0	0	917	173	318	42	31	0.01	1.63	7
OC380	CO13342	4.71	50 1-	35 L OCR	0	0	917	173	318	42	123	0.00	1.63	0
CO13343	OC380	4.79	50 1-	4ACSR	0	0	901	173	318	42	31	0.15	1.79	81
CO13254	CO13343	4.93	50 1-	4ACSR	0	0	874	171	317	42	31	0.26	2.05	135
CO13179	CO13254	4.97	47 1-	4ACSR	0	0	865	171	302	40	29	0.08	2.13	41
CO13173	CO13179	5.03	43 1-	4ACSR	0	0	854	170	278	37	27	0.10	2.23	46

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13174	CO13173	5.09	42 1-	4ACSR	0	0	843	169	274	37	27	0.09	2.32	42
CO13261	CO13174	5.26	41 1-	4ACSR	0	0	811	167	266	36	26	0.27	2.59	120
CO13262	CO13261	5.31	41 1-	4ACSR	0	0	801	167	266	36	26	0.08	2.68	35
CO13175	CO13262	5.46	35 1-	4ACSR	0	0	775	165	226	30	22	0.20	2.87	73
OC-1470853959	CO13175	5.46	35 1-	20 N FUSE	0	0	775	165	226	30	154	0.00	2.87	0
CO13271	OC-1470853959	5.55	2 1-	4ACSR	0	0	759	164	6	0	1	0.00	2.88	0
CO13272	CO13271	5.59	1 1-	4ACSR	0	0	753	164	6	0	1	0.00	2.88	0
CO13269	OC-1470853959	5.51	33 1-	4ACSR	0	0	766	165	220	29	21	0.07	2.94	26
CO13270	CO13269	5.60	33 1-	4ACSR	0	0	751	164	220	29	21	0.12	3.06	43
CO13176	CO13270	5.73	31 1-	4ACSR	0	0	730	163	201	27	20	0.15	3.21	51
CO13177	CO13176	5.87	30 1-	4ACSR	0	0	707	161	193	26	19	0.17	3.38	54
CO13217	CO13177	5.94	1 1-	4ACSR	0	0	696	160	16	2	2	0.00	3.39	0
CO13178	CO13177	5.92	29 1-	4ACSR	0	0	700	161	177	24	17	0.05	3.43	14
CO13276	CO13178	6.00	28 1-	4ACSR	0	0	687	160	165	22	16	0.08	3.51	23
CO13277	CO13276	6.08	27 1-	4ACSR	0	0	676	159	165	22	16	0.08	3.59	21
CO13219	CO13277	6.13	2 1-	4ACSR	0	0	668	159	1	0	0	0.00	3.59	0
CO13350	CO13277	6.36	24 1-	4ACSR	0	0	637	157	163	22	16	0.28	3.87	75
SW76892312-B	CO13350	6.36	24 1-	Closed	0	0	637	157	163	22	0	0.00	3.87	0
SW76892312-A	SW76892312-B	6.36	24 1-	Closed	0	0	637	157	163	22	0	0.00	3.87	0
CO13341	SW76892312-A	6.36	24 1-	4ACSR	0	0	636	156	163	22	16	0.01	3.87	0
CO13279	CO13341	6.51	15 1-	4ACSR	0	0	617	155	87	11	9	0.08	3.95	11
CO13278	CO13279	6.62	15 1-	4ACSR	0	0	603	154	87	11	9	0.05	4.00	8
CO13284	CO13278	6.67	12 1-	4ACSR	0	0	597	154	66	9	6	0.02	4.02	0
CO13283	CO13284	6.93	12 1-	4ACSR	0	0	566	151	66	9	6	0.09	4.11	8
CO13161	CO13283	7.08	6 1-	4ACSR	0	0	550	150	19	2	2	0.02	4.13	0
CO13354	CO13161	7.13	1 1-	4ACSR	0	0	545	150	8	1	1	0.00	4.13	0
CO13286	CO13161	7.14	5 1-	4ACSR	0	0	544	149	11	1	1	0.00	4.13	0
CO13285	CO13286	7.42	4 1-	4ACSR	0	0	517	147	4	0	0	0.01	4.13	0
CO13193	CO13285	7.49	2 1-	4ACSR	0	0	510	147	3	0	0	0.00	4.13	0
CO13355	CO13285	7.48	1 1-	4ACSR	0	0	511	147	0	0	0	0.00	4.13	0
CO13288	CO13285	7.49	0 1-	4ACSR	0	0	510	147	0	0	0	0.00	4.13	0
CO-1174891211	CO13288	7.54	0 1-	2ACSR	0	0	506	146	0	0	0	0.00	4.13	0
CO13353	CO13283	6.99	2 1-	4ACSR	0	0	560	151	20	2	2	0.00	4.11	0
CO13352	CO13283	6.99	1 1-	4ACSR	0	0	560	151	0	0	0	0.00	4.11	0
CO-831597938	CO13284	6.69	0 1-	2ACSR	0	0	595	154	0	0	0	0.00	4.02	0
CO13351	CO13278	6.73	2 1-	4ACSR	0	0	590	153	9	1	1	0.01	4.01	0
CO13280	CO13351	6.87	2 1-	4ACSR	0	0	574	152	9	1	1	0.01	4.02	0
CO13281	CO13280	6.95	1 1-	4ACSR	0	0	565	151	8	1	1	0.00	4.02	0
CO13282	CO13281	7.00	1 1-	4ACSR	0	0	559	151	8	1	1	0.00	4.02	0
CO13160	CO13341	6.41	9 1-	4ACSR	0	0	630	156	76	10	7	0.02	3.89	3
CO13199	CO13160	6.42	1 1-	4ACSR	0	0	628	156	25	3	2	0.00	3.90	0
CO13159	CO13160	6.54	8 1-	4ACSR	0	0	612	155	51	7	5	0.04	3.94	4
CO13292	CO13159	6.60	5 1-	4ACSR	0	0	606	154	17	2	2	0.01	3.94	0
CO13293	CO13292	6.85	5 1-	4ACSR	0	0	576	152	17	2	2	0.03	3.97	0
CO13192	CO13293	6.91	1 1-	4ACSR	0	0	569	152	2	0	0	0.00	3.97	0
CO13158	CO13293	6.98	4 1-	4ACSR	0	0	561	151	15	2	2	0.01	3.98	0
CO13191	CO13158	7.08	1 1-	4ACSR	0	0	551	150	5	0	0	0.00	3.98	0
CO13157	CO13158	7.12	2 1-	4ACSR	0	0	547	150	5	0	0	0.00	3.98	0
CO13190	CO13157	7.23	1 1-	4ACSR	0	0	535	149	5	0	0	0.00	3.98	0
CO13156	CO13157	7.38	1 1-	4ACSR	0	0	520	147	0	0	0	0.00	3.98	0
CO13294	CO13156	7.51	1 1-	4ACSR	0	0	508	146	0	0	0	0.00	3.98	0
CO13189	CO13294	7.56	1 1-	4ACSR	0	0	504	146	0	0	0	0.00	3.98	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13295	CO13294	7.57	0 1-	4ACSR	0	0	503	146	0	0	0	0.00	3.98	0
CO13155	CO13156	7.54	0 1-	4ACSR	0	0	505	146	0	0	0	0.00	3.98	0
CO13289	CO13159	6.61	3 1-	4ACSR	0	0	604	154	34	4	3	0.01	3.95	0
CO13290	CO13289	6.68	2 1-	4ACSR	0	0	596	154	20	2	2	0.01	3.95	0
CO13291	CO13290	6.73	1 1-	4ACSR	0	0	590	153	16	2	2	0.00	3.96	0
CO13218	CO13178	5.96	1 1-	4ACSR	0	0	693	160	12	1	1	0.00	3.43	0
CO13216	CO13176	5.78	1 1-	4ACSR	0	0	722	162	8	1	1	0.00	3.22	0
CO13274	CO13270	5.98	2 1-	4ACSR	0	0	690	160	19	2	2	0.04	3.10	0
CO13275	CO13274	6.03	2 1-	2ACSR	0	0	684	160	19	2	1	0.00	3.11	0
CO2018946126	CO13275	6.17	0 1-	2ACSR	0	0	667	159	0	0	0	0.00	3.11	0
CO-1889788380	CO13275	6.19	1 1-	2ACSR	0	0	665	159	10	1	1	0.01	3.11	0
CO13273	CO-1889788380	6.31	1 1-	4ACSR	0	0	648	158	10	1	1	0.01	3.12	0
CO17077	CO13273	6.62	1 1-	4ACSR	0	0	608	155	10	1	1	0.01	3.13	0
CO1830513316	CO17077	6.62	0 1-	2ACSR	0	0	608	155	0	0	0	0.00	3.13	0
SW-557047729-A	CO1830513316	6.62	0 1-	Open	0	0	608	155	0	0	0	0.00	3.13	0
CO13263	CO13262	5.57	5 1-	4ACSR	0	0	756	164	17	2	2	0.03	2.70	0
CO13264	CO13263	5.74	4 1-	4ACSR	0	0	728	162	16	2	2	0.01	2.72	0
CO13265	CO13264	5.77	3 1-	4ACSR	0	0	722	162	14	1	1	0.00	2.72	0
CO13266	CO13265	5.81	2 1-	4ACSR	0	0	716	162	14	1	1	0.00	2.72	0
CO13215	CO13266	5.87	1 1-	4ACSR	0	0	708	161	9	1	1	0.00	2.73	0
CO13267	CO13266	5.84	1 1-	4ACSR	0	0	712	161	5	0	0	0.00	2.72	0
CO13268	CO13267	5.87	1 1-	4ACSR	0	0	708	161	5	0	0	0.00	2.72	0
CO13214	CO13174	5.18	1 1-	4ACSR	0	0	825	168	7	0	1	0.00	2.32	0
CO13213	CO13173	5.12	1 1-	4ACSR	0	0	837	169	5	0	0	0.00	2.23	0
CO13259	CO13179	5.11	2 1-	4ACSR	0	0	840	169	15	2	1	0.01	2.14	0
CO13211	CO13259	5.13	1 1-	4ACSR	0	0	836	169	5	0	1	0.00	2.14	0
CO13260	CO13259	5.13	1 1-	4ACSR	0	0	835	169	10	1	1	0.00	2.14	0
CO13257	CO13179	5.00	1 1-	4ACSR	0	0	860	170	8	1	1	0.00	2.13	0
CO13258	CO13257	5.02	0 1-	4ACSR	0	0	857	170	0	0	0	0.00	2.13	0
CO13212	CO13257	5.02	1 1-	4ACSR	0	0	856	170	8	1	1	0.00	2.13	0
CO13255	CO13254	4.96	3 1-	4ACSR	0	0	868	171	15	1	1	0.00	2.05	0
CO13256	CO13255	5.00	1 1-	4ACSR	0	0	860	170	12	1	1	0.00	2.05	0
CO13244+	CO13170	4.22	2 1-	4ACSR	0	0	1386	328	6	0	0	0.00	0.99	0
OC-1335743412+	CO13244	4.22	0 1-	20 N FUSE	0	0	1386	328	0	0	0	0.00	0.99	0
CO13245+	OC-1335743412	4.27	0 1-	4ACSR	0	0	1372	327	0	0	0	0.00	0.99	0
CO13208+	CO13245	4.31	0 1-	4ACSR	0	0	1361	326	0	0	0	0.00	0.99	0
CO13246+	CO13245	4.39	0 1-	4ACSR	0	0	1338	324	0	0	0	0.00	0.99	0
CO13240+	CO13345	3.91	6 1-	4ACSR	0	0	1448	329	23	1	1	0.00	0.94	0
CO13242+	CO13240	3.96	3 1-	4ACSR	0	0	1434	329	18	1	1	0.00	0.94	0
CO13243+	CO13242	4.01	1 1-	4ACSR	0	0	1420	328	6	0	0	0.00	0.94	0
CO13241+	CO13240	4.20	1 1-	4ACSR	0	0	1366	324	0	0	0	0.00	0.94	0
CO13234+	CO13232	3.16	1 1-	4ACSR	0	0	1640	336	6	0	0	0.00	0.81	0
OC707057378+	CO13234	3.16	1 1-	20 N FUSE	0	0	1640	336	6	0	2	0.00	0.81	0
CO13235+	OC707057378	3.24	1 1-	4ACSR	0	0	1611	334	6	0	0	0.00	0.81	0
CO13207+	CO17080	2.59	3 1-	4ACSR	0	0	1817	340	16	1	1	0.00	0.70	0
OC466197715+	CO13207	2.59	2 1-	20 N FUSE	0	0	1817	340	6	0	2	0.00	0.70	0
CO13228+	OC466197715	2.82	2 1-	4ACSR	0	0	1718	335	6	0	0	0.00	0.71	0
CO13229+	CO13228	2.93	0 1-	4ACSR	0	0	1673	333	0	0	0	0.00	0.71	0
CO13206+	CO17080	2.59	1 1-	4ACSR	0	0	1818	340	12	0	1	0.00	0.70	0
OC713457489+	CO13206	2.59	0 1-	20 N FUSE	0	0	1818	340	0	0	0	0.00	0.70	0
CO15229+	CO15174	2.27	0 1-	4ACSR	0	0	1935	343	0	0	0	0.00	0.65	0
OC530132429+	CO15229	2.27	0 1-	20 N FUSE	0	0	1935	343	0	0	0	0.00	0.65	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15226+	CO15395	2.21	1 1-	4ACSR	0	0	1961	343	5	0	0	0.00	0.64	0
OC-2058220891+	CO15226	2.21	0 1-	20 N FUSE	0	0	1961	343	0	0	0	0.00	0.64	0
CO15215+	CO15166	1.29	2 1-	4ACSR	0	0	2294	346	6	0	0	0.00	0.35	0
OC1852922802+	CO15215	1.29	0 1-	20 N FUSE	0	0	2294	346	0	0	0	0.00	0.35	0
CO15510+	CO15507	0.02	691 3-	750 MCM - 42 Wi	3059	3095	3113	357	4735	105	9	0.00	0.01	5
Cowan+	CO15510	0.02	691 3-	VWVE	3059	3095	3113	357	4735	105	13	0.00	0.01	0
CO15350+	Cowan	0.05	691 3-	4/0ACSR	3043	3072	3088	357	4735	105	31	0.02	0.02	102
CO15349+	CO15350	0.08	691 3-	4/0ACSR	3025	3045	3059	357	4735	105	31	0.02	0.04	118
CO1700771639+	CO15349	0.12	0 3-	1/0PRIURD	3023	3033	3034	909	0	0	0	0.00	0.04	0
CO15347+	CO15349	0.14	691 3-	4/0ACSR	2996	3007	3015	357	4734	105	31	0.03	0.07	189
CO15348+	CO15347	0.17	691 3-	4/0ACSR	2984	2994	2997	356	4733	105	31	0.01	0.08	76
CO15513+	CO15348	0.21	691 3-	4/0ACSR	2963	2969	2964	356	4733	105	31	0.02	0.10	144
SW457-B+	CO15513	0.21	691 3-	Closed	2963	2969	2964	356	4732	105	0	0.00	0.10	0
SW457-A+	SW457-B	0.21	691 3-	Closed	2963	2969	2964	356	4732	105	0	0.00	0.10	0
CO15514+	SW457-A	0.27	691 3-	4/0ACSR	2933	2935	2919	356	4732	105	31	0.03	0.14	203
CO15351+	CO15514	0.33	691 3-	4/0ACSR	2906	2905	2879	355	4731	105	31	0.03	0.16	180
CO15352+	CO15351	0.47	691 3-	4/0ACSR	2843	2833	2787	355	4731	105	31	0.07	0.23	445
CO15515+	CO15352	0.48	28 1-	4ACSR	0	0	2781	354	206	13	10	0.00	0.23	0
OC464+	CO15515	0.48	28 1-	70 4E OCR	0	0	2781	354	206	13	20	0.00	0.23	0
CO15516+	OC464	0.53	28 1-	4ACSR	0	0	2734	353	206	13	10	0.02	0.25	6
CO15244+	CO15516	0.56	1 1-	4ACSR	0	0	2707	352	8	0	0	0.00	0.25	0
CO15393+	CO15516	0.56	27 1-	4ACSR	0	0	2710	352	197	13	10	0.01	0.26	2
CO15392+	CO15393	0.63	24 1-	4ACSR	0	0	2648	351	159	10	8	0.02	0.28	4
CO15452+	CO15392	0.64	2 1-	4ACSR	0	0	2640	351	5	0	0	0.00	0.28	0
CO15451+	CO15452	0.79	0 1-	4ACSR	0	0	2512	347	0	0	0	0.00	0.28	0
CO15354+	CO15392	0.71	20 1-	4ACSR	0	0	2580	349	146	9	7	0.02	0.29	4
CO15353+	CO15354	0.80	20 1-	4ACSR	0	0	2504	347	146	9	7	0.02	0.31	5
CO15237+	CO15353	0.84	1 1-	4ACSR	0	0	2473	346	5	0	0	0.00	0.31	0
CO15236+	CO15353	0.90	2 1-	4ACSR	0	0	2425	345	20	1	1	0.00	0.32	0
CO15358+	CO15353	0.96	17 1-	4ACSR	0	0	2377	344	121	8	6	0.03	0.34	6
CO723226138+	CO15358	1.00	2 1-	2ACSR	0	0	2348	343	16	1	1	0.00	0.34	0
CO15356+	CO15358	1.02	14 1-	4ACSR	0	0	2328	342	101	6	5	0.01	0.35	0
CO15355+	CO15356	1.07	13 1-	4ACSR	0	0	2289	341	93	6	5	0.01	0.36	0
CO1588079153+	CO15355	1.14	1 1-	2ACSR	0	0	2244	340	11	0	0	0.00	0.36	0
CO15357+	CO15355	1.22	11 1-	4ACSR	0	0	2176	338	74	5	4	0.02	0.38	0
CO15235+	CO15357	1.26	3 1-	4ACSR	0	0	2149	337	18	1	1	0.00	0.38	0
CO15362+	CO15357	1.26	6 1-	4ACSR	0	0	2149	337	48	3	2	0.00	0.38	0
CO15359+	CO15362	1.36	5 1-	4ACSR	0	0	2083	335	33	2	2	0.00	0.38	0
CO15361+	CO15359	1.50	4 1-	4ACSR	0	0	1990	332	31	2	2	0.01	0.39	0
CO15360+	CO15361	1.54	2 1-	4ACSR	0	0	1966	331	15	0	1	0.00	0.39	0
CO15450+	CO15360	1.64	1 1-	4ACSR	0	0	1903	329	15	0	1	0.00	0.39	0
CO15449+	CO15450	1.79	1 1-	4ACSR	0	0	1816	326	15	0	1	0.00	0.39	0
CO15234+	CO15360	1.65	1 1-	4ACSR	0	0	1897	329	0	0	0	0.00	0.39	0
CO15255+	CO15358	1.00	1 1-	2ACSR	0	0	2351	343	4	0	0	0.00	0.34	0
CO15238+	CO15392	0.69	2 1-	4ACSR	0	0	2600	350	9	0	0	0.00	0.28	0
CO15175+	CO15352	0.52	663 3-	4/0ACSR	2822	2810	2756	354	4523	101	30	0.02	0.25	139
CO15364+	CO15175	0.61	659 3-	4/0ACSR	2782	2764	2698	354	4491	100	30	0.04	0.30	268
CO15363+	CO15364	0.67	658 3-	4/0ACSR	2757	2735	2662	353	4482	100	29	0.03	0.33	171
CO15367+	CO15363	0.82	655 3-	4/0ACSR	2694	2664	2574	352	4475	100	29	0.07	0.40	435
CO15365+	CO15367	0.84	653 3-	4/0ACSR	2686	2656	2563	352	4454	99	29	0.01	0.41	55
CO15493+	CO15365	0.95	14 1-	2ACSR	0	0	2490	351	154	10	6	0.02	0.42	4

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15491+	CO15493	1.00	14 1-	2ACSR	0	0	2457	350	154	10	6	0.01	0.43	0
CO15247+	CO15491	1.00	1 1-	2ACSR	0	0	2451	350	16	1	1	0.00	0.43	0
CO15496+	CO15491	1.05	4 1-	2ACSR	0	0	2419	349	55	3	2	0.00	0.43	0
CO15495+	CO15496	1.09	3 1-	2ACSR	0	0	2396	348	40	2	1	0.00	0.43	0
CO15257+	CO15495	1.17	0 1-	1/0PRIURD	0	0	2356	842	0	0	0	0.00	0.43	0
CO15497+	CO15495	1.12	1 1-	2ACSR	0	0	2377	348	19	1	1	0.00	0.43	0
CO15494+	CO15497	1.15	1 1-	2ACSR	0	0	2360	347	19	1	1	0.00	0.43	0
CO15492+	CO15491	1.04	9 1-	2ACSR	0	0	2426	349	84	5	3	0.00	0.43	0
CO17193+	CO15492	1.11	6 1-	2ACSR	0	0	2380	348	63	4	2	0.00	0.44	0
CO15937+	CO17193	1.15	6 1-	1/0PRIURD	0	0	2361	843	63	4	3	0.00	0.44	0
CO15938+	CO15937	1.22	4 1-	1/0PRIURD	0	0	2323	837	43	2	2	0.00	0.44	0
CO17194+	CO15938	1.29	1 1-	1/0PRIURD	0	0	2288	832	12	0	1	0.00	0.44	0
CO15366+	CO15365	0.90	639 3-	4/0ACSR	2663	2630	2532	352	4300	96	28	0.03	0.43	151
CO15176+	CO15366	1.12	639 3-	4/0ACSR	2575	2532	2413	350	4299	96	28	0.10	0.53	606
CO15177+	CO15176	1.41	633 3-	4/0ACSR	2473	2417	2278	349	4255	95	28	0.13	0.66	742
CO17180+	CO15177	1.55	4 1-	4ACSR	0	0	2188	345	19	1	1	0.00	0.66	0
CO15890+	CO17180	1.61	1 1-	4ACSR	0	0	2153	344	0	0	0	0.00	0.66	0
CO15936+	CO17180	1.60	2 1-	4ACSR	0	0	2159	344	16	1	1	0.00	0.66	0
CO15892+	CO15936	1.65	1 1-	4ACSR	0	0	2125	343	15	1	1	0.00	0.66	0
CO15891+	CO15936	1.69	1 1-	4ACSR	0	0	2102	342	0	0	0	0.00	0.66	0
CO15368+	CO15177	1.48	628 3-	4/0ACSR	2446	2389	2245	348	4232	94	28	0.03	0.69	195
CO15369+	CO15368	1.56	626 3-	4/0ACSR	2421	2360	2212	348	4208	94	28	0.03	0.73	194
CO15935+	CO15369	1.59	626 3-	4/0ACSR	2410	2349	2199	347	4207	94	28	0.01	0.74	82
CO15870+	CO15935	1.68	624 3-	4/0ACSR	2382	2318	2164	347	4187	93	28	0.04	0.78	216
CO15934+	CO15870	1.81	621 3-	4/0ACSR	2337	2269	2108	346	4156	93	27	0.06	0.84	347
CO17243+	CO15934	1.96	618 3-	4/0ACSR	2292	2221	2054	345	4143	92	27	0.06	0.90	360
CO15163+	CO17243	2.08	614 3-	4/0ACSR	2256	2181	2009	344	4109	92	27	0.05	0.95	301
CO15295+	CO15163	2.17	613 3-	4/0ACSR	2231	2154	1980	344	4097	92	27	0.04	0.99	203
CO15294+	CO15295	2.32	611 3-	4/0ACSR	2188	2108	1929	343	4079	91	27	0.06	1.05	370
CO15275+	CO15294	2.38	53 1-	2ACSR	0	0	1905	342	302	20	11	0.02	1.07	8
CO15274+	CO15275	2.45	53 1-	2ACSR	0	0	1873	341	302	20	11	0.02	1.09	11
CO15187+	CO15274	2.52	3 1-	2ACSR	0	0	1846	340	19	1	1	0.00	1.09	0
CO15269+	CO15274	2.62	50 1-	2ACSR	0	0	1805	338	283	19	11	0.05	1.14	20
CO15271+	CO15269	2.82	47 1-	2ACSR	0	0	1729	335	252	17	9	0.05	1.19	20
CO15273+	CO15271	2.86	45 1-	2ACSR	0	0	1716	335	239	16	9	0.01	1.20	3
CO15272+	CO15273	2.89	45 1-	2ACSR	0	0	1704	334	239	16	9	0.01	1.21	3
CO15270+	CO15272	2.94	44 1-	2ACSR	0	0	1687	334	239	16	9	0.01	1.22	4
CO15403+	CO15270	3.00	2 1-	2ACSR	0	0	1667	333	9	0	0	0.00	1.22	0
CO15400+	CO15403	3.03	0 1-	2ACSR	0	0	1655	332	0	0	0	0.00	1.22	0
CO15402+	CO15400	3.31	0 1-	2ACSR	0	0	1564	328	0	0	0	0.00	1.22	0
CO15401+	CO15402	3.46	0 1-	2ACSR	0	0	1519	326	0	0	0	0.00	1.22	0
CO15189+	CO15270	3.00	1 1-	2ACSR	0	0	1667	333	11	0	0	0.00	1.22	0
CO15188+	CO15270	2.98	41 1-	2ACSR	0	0	1673	333	218	14	8	0.01	1.23	3
XFMR336	CO15188	2.98	39 1-	333 KVA 1PH AUT	0	0	996	175	207	13	61	0.33	1.56	0
CO15310	XFMR336	3.16	39 1-	4ACSR	0	0	956	173	207	27	20	0.22	1.78	74
CO15311	CO15310	3.57	39 1-	4ACSR	0	0	865	168	207	27	20	0.51	2.29	173
CO15312	CO15311	3.86	36 1-	4ACSR	0	0	806	165	201	27	19	0.34	2.63	112
CO15313	CO15312	3.96	35 1-	4ACSR	0	0	788	164	192	26	19	0.11	2.74	33
CO15315	CO15313	4.10	3 1-	4ACSR	0	0	761	163	4	0	0	0.00	2.74	0
CO15316	CO15315	4.16	3 1-	4ACSR	0	0	750	162	4	0	0	0.00	2.74	0
CO15314	CO15316	4.27	3 1-	4ACSR	0	0	731	161	4	0	0	0.00	2.74	0
CO15165	CO15314	4.36	1 1-	4ACSR	0	0	716	160	0	0	0	0.00	2.74	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15207	CO15165	4.42	1 1-	4ACSR	0	0	706	159	0	0	0	0.00	2.74	0
CO15526	CO15165	4.44	0 1-	4ACSR	0	0	704	159	0	0	0	0.00	2.74	0
CO15206	CO15314	4.35	1 1-	4ACSR	0	0	719	160	4	0	0	0.00	2.74	0
CO15309	CO15313	4.06	30 1-	4ACSR	0	0	768	163	172	23	17	0.11	2.84	30
CO15308	CO15309	4.28	30 1-	4ACSR	0	0	730	161	171	23	17	0.21	3.05	58
CO15204	CO15308	4.37	1 1-	4ACSR	0	0	716	160	3	0	0	0.00	3.06	0
CO15307	CO15308	4.30	27 1-	4ACSR	0	0	726	161	151	20	15	0.02	3.08	6
CO15306	CO15307	4.39	27 1-	4ACSR	0	0	712	160	151	20	15	0.08	3.15	19
CO15203	CO15306	4.45	0 1-	4ACSR	0	0	702	159	0	0	0	0.00	3.15	0
CO15300	CO15306	4.42	4 1-	4ACSR	0	0	707	159	15	2	1	0.00	3.16	0
CO15299	CO15300	4.43	3 1-	4ACSR	0	0	705	159	4	0	0	0.00	3.16	0
CO15297	CO15299	4.78	2 1-	4ACSR	0	0	652	156	0	0	0	0.00	3.16	0
CO15296	CO15297	4.90	1 1-	4ACSR	0	0	635	155	0	0	0	0.00	3.16	0
CO15298	CO15296	5.14	1 1-	4ACSR	0	0	603	153	0	0	0	0.00	3.16	0
CO15417	CO15298	5.28	1 1-	4ACSR	0	0	586	152	0	0	0	0.00	3.16	0
CO15416	CO15417	5.33	0 1-	4ACSR	0	0	579	151	0	0	0	0.00	3.16	0
CO15418	CO15416	5.38	0 1-	4ACSR	0	0	574	151	0	0	0	0.00	3.16	0
CO15201	CO15298	5.34	0 1-	4ACSR	0	0	578	151	0	0	0	0.00	3.16	0
CO15202	CO15299	4.48	1 1-	4ACSR	0	0	697	159	4	0	0	0.00	3.16	0
CO15305	CO15306	4.47	22 1-	4ACSR	0	0	698	159	135	18	13	0.06	3.22	14
CO15304	CO15305	4.55	21 1-	4ACSR	0	0	685	158	121	16	12	0.06	3.28	12
CO15415	CO15304	4.60	5 1-	4ACSR	0	0	679	158	46	6	4	0.01	3.29	0
CO15411	CO15415	4.62	4 1-	4ACSR	0	0	675	158	36	4	3	0.00	3.29	0
CO15410	CO15411	4.64	3 1-	4ACSR	0	0	671	157	23	3	2	0.00	3.30	0
CO15414	CO15410	4.69	3 1-	4ACSR	0	0	664	157	23	3	2	0.01	3.30	0
CO15412	CO15414	4.72	1 1-	4ACSR	0	0	660	157	12	1	1	0.00	3.30	0
CO15413	CO15412	4.76	0 1-	4ACSR	0	0	654	156	0	0	0	0.00	3.30	0
CO15164	CO15304	4.69	14 1-	4ACSR	0	0	664	157	70	9	7	0.06	3.34	7
CO15199	CO15164	4.74	1 1-	4ACSR	0	0	657	156	7	0	1	0.00	3.34	0
CO15301	CO15164	4.78	13 1-	4ACSR	0	0	652	156	63	8	6	0.03	3.37	3
CO15303	CO15301	4.88	12 1-	4ACSR	0	0	638	155	59	8	6	0.04	3.40	4
CO15302	CO15303	5.03	12 1-	4ACSR	0	0	618	154	59	8	6	0.05	3.46	5
CO17087	CO15302	5.16	7 1-	4ACSR	0	0	600	153	16	2	2	0.01	3.47	0
CO13325	CO17087	5.21	6 1-	4ACSR	0	0	594	152	15	2	1	0.00	3.47	0
CO13197	CO13325	5.27	2 1-	4ACSR	0	0	587	152	2	0	0	0.00	3.47	0
CO13326	CO13325	5.37	4 1-	4ACSR	0	0	575	151	13	1	1	0.01	3.48	0
CO13327	CO13326	5.49	3 1-	4ACSR	0	0	562	150	8	1	1	0.01	3.49	0
CO13328	CO13327	5.58	3 1-	4ACSR	0	0	552	149	8	1	1	0.00	3.49	0
OC1483949937	CO13328	5.58	3 1-	20 N FUSE	0	0	552	149	8	1	5	0.00	3.49	0
CO13196	OC1483949937	5.82	0 1-	4ACSR	0	0	527	147	0	0	0	0.00	3.49	0
CO13329	OC1483949937	6.03	3 1-	4ACSR	0	0	506	145	8	1	1	0.02	3.51	0
CO13330	CO13329	6.23	3 1-	4ACSR	0	0	488	144	8	1	1	0.01	3.52	0
CO13195	CO13330	6.28	1 1-	4ACSR	0	0	484	143	0	0	0	0.00	3.52	0
CO13331	CO13330	6.35	2 1-	4ACSR	0	0	478	143	8	1	1	0.01	3.53	0
CO13333	CO13331	6.41	2 1-	4ACSR	0	0	473	142	8	1	1	0.00	3.53	0
CO13334	CO13333	6.59	1 1-	4ACSR	0	0	459	141	4	0	0	0.00	3.54	0
CO13332	CO13334	6.84	1 1-	4ACSR	0	0	440	139	4	0	0	0.00	3.54	0
CO15198	CO15302	5.11	1 1-	4ACSR	0	0	606	153	2	0	0	0.00	3.46	0
CO15197	CO15302	5.08	4 1-	4ACSR	0	0	610	153	41	5	4	0.01	3.47	0
CO17085	CO15197	5.15	2 1-	2ACSR	0	0	603	153	26	3	2	0.01	3.47	0
CO1697811899	CO17085	5.23	1 1-	2ACSR	0	0	596	152	12	1	1	0.00	3.48	0
CO1087563765	CO1697811899	5.34	1 1-	2ACSR	0	0	584	152	12	1	1	0.00	3.48	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15211	CO15304	4.59	2 1-	4ACSR	0	0	679	158	6	0	1	0.00	3.28	0
CO15200	CO15304	4.71	0 1-	4ACSR	0	0	662	157	0	0	0	0.00	3.28	0
CO15205	CO15311	3.67	2 1-	4ACSR	0	0	844	167	5	0	1	0.00	2.29	0
CO15191+	CO15294	2.36	2 1-	4ACSR	0	0	1911	342	41	2	2	0.00	1.05	0
CO15162+	CO15294	2.38	553 3-	4/0ACSR	2172	2091	1910	343	3686	82	24	0.02	1.07	112
CO15190+	CO15162	2.41	1 1-	4ACSR	0	0	1892	342	7	0	0	0.00	1.07	0
CO15292+	CO15162	2.58	552 3-	4/0ACSR	2117	2032	1847	341	3678	82	24	0.08	1.15	403
CO15291+	CO15292	2.74	550 3-	4/0ACSR	2077	1989	1801	340	3675	82	24	0.06	1.21	306
CO15293+	CO15291	2.80	549 3-	4/0ACSR	2061	1972	1783	340	3663	82	24	0.02	1.23	125
CO15399+	CO15293	2.95	3 1-	4ACSR	0	0	1719	337	10	0	0	0.00	1.24	0
CO17192+	CO15399	3.10	2 1-	4ACSR	0	0	1660	333	10	0	0	0.00	1.24	0
CO15932+	CO17192	3.29	1 1-	2ACSR	0	0	1598	331	0	0	0	0.00	1.24	0
CO15161+	CO15293	3.03	546 3-	4/0ACSR	2005	1914	1721	338	3653	82	24	0.09	1.32	441
CO15290+	CO15161	3.11	538 3-	4/0ACSR	1988	1896	1701	338	3602	81	24	0.03	1.35	143
CO15289+	CO15290	3.18	538 3-	4/0ACSR	1970	1877	1682	337	3601	81	24	0.03	1.38	143
CO15398+	CO15289	3.28	0 1-	4ACSR	0	0	1646	335	0	0	0	0.00	1.38	0
CO15397+	CO15398	3.35	0 1-	4ACSR	0	0	1618	334	0	0	0	0.00	1.38	0
CO15186+	CO15289	3.23	1 1-	4ACSR	0	0	1664	336	14	0	1	0.00	1.38	0
CO15288+	CO15289	3.42	537 3-	4/0ACSR	1917	1822	1625	336	3586	80	24	0.09	1.46	444
CO15287+	CO15288	3.68	537 3-	4/0ACSR	1861	1764	1565	334	3584	80	24	0.10	1.56	497
CO17187+	CO15287	4.08	537 3-	4/0ACSR	1783	1683	1483	332	3582	80	24	0.15	1.71	744
CO16232+	CO17187	4.10	210 3-	1/0ACSR	1779	1679	1479	332	1301	29	13	0.00	1.71	9
CO16233+	CO16232	4.13	209 3-	1/0ACSR	1772	1672	1472	331	1294	29	13	0.01	1.72	15
CO17190+	CO16233	4.24	209 3-	1/0ACSR	1747	1646	1446	330	1294	29	13	0.03	1.75	56
CO15284+	CO17190	4.32	205 3-	1/0ACSR	1730	1629	1429	329	1258	28	13	0.02	1.77	36
CO15498+	CO15284	4.37	1 1-	2/0ACSR	0	0	1417	329	1	0	0	0.00	1.77	0
CO17195+	CO15498	4.43	1 1-	2/0ACSR	0	0	1407	328	1	0	0	0.00	1.77	0
CO15283+	CO15284	4.49	204 3-	1/0ACSR	1694	1591	1392	328	1257	28	13	0.04	1.81	81
CO15196+	CO15283	4.54	1 1-	4ACSR	0	0	1377	327	5	0	0	0.00	1.81	0
CO15277+	CO15283	4.53	202 3-	1/0ACSR	1686	1583	1385	327	1249	28	12	0.01	1.82	18
CO15276+	CO15277	4.57	202 3-	1/0ACSR	1676	1573	1375	327	1248	28	12	0.01	1.83	22
CO15406+	CO15276	4.64	1 1-	4ACSR	0	0	1357	325	0	0	0	0.00	1.83	0
CO15408+	CO15406	4.71	0 1-	4ACSR	0	0	1339	324	0	0	0	0.00	1.83	0
CO15407+	CO15408	4.89	0 1-	4ACSR	0	0	1290	320	0	0	0	0.00	1.83	0
CO15279+	CO15276	4.82	201 3-	1/0ACSR	1627	1522	1326	324	1248	28	12	0.06	1.90	116
CO15278+	CO15279	4.98	200 3-	1/0ACSR	1596	1491	1296	323	1247	28	12	0.04	1.93	74
CO15280+	CO15278	5.01	199 3-	1/0ACSR	1590	1485	1291	323	1247	28	12	0.01	1.94	15
CO15159+	CO15280	5.22	197 3-	1/0ACSR	1552	1446	1253	320	1239	28	12	0.05	1.99	97
CO15282+	CO15159	5.26	196 3-	1/0ACSR	1545	1439	1247	320	1237	28	12	0.01	2.00	18
CO15281+	CO15282	5.31	195 3-	1/0ACSR	1535	1429	1237	320	1224	28	12	0.01	2.02	25
CO17186+	CO15281	5.60	1 1-	750 MCM - 42 Wi	0	0	1210	319	3	0	0	0.00	2.02	0
CO15286+	CO15281	5.43	194 3-	1/0ACSR	1513	1407	1217	318	1222	28	12	0.03	2.05	56
CO15285+	CO15286	5.49	194 3-	1/0ACSR	1504	1397	1208	318	1222	28	12	0.01	2.06	26
CO15160+	CO15285	5.55	193 3-	1/0ACSR	1494	1388	1198	317	1216	27	12	0.01	2.08	25
CO15210+	CO15160	5.60	1 1-	4ACSR	0	0	1186	316	1	0	0	0.00	2.08	0
CO15317+	CO15160	5.68	191 3-	1/0ACSR	1472	1365	1178	316	1202	27	12	0.03	2.11	58
CO17090+	CO15317	5.76	191 3-	1/0ACSR	1459	1355	1166	315	1201	27	12	0.02	2.13	33
CO13336+	CO17090	5.87	191 3-	1/0ACSR	1441	1338	1149	314	1201	27	12	0.03	2.15	50
CO13337+	CO13336	5.89	191 3-	1/0ACSR	1438	1335	1146	314	1201	27	12	0.00	2.16	9
CO1779704199+	CO13337	6.09	189 3-	2ACSR	1401	1303	1113	311	1187	27	15	0.07	2.23	136
CO-946732367+	CO1779704199	6.20	1 1-	2ACSR	0	0	1095	310	11	0	0	0.00	2.23	0
CO-2138088450+	CO1779704199	6.29	188 3-	2ACSR	1366	1271	1081	309	1175	27	15	0.07	2.30	136

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO17089+	CO-2138088450	6.35	188 3-	1/0ACSR	1357	1263	1073	308	1175	27	12	0.01	2.32	25
CO14143+	CO17089	6.37	188 3-	1/0ACSR	1354	1261	1070	308	1175	27	12	0.00	2.32	8
CO14195+	CO14143	6.40	187 3-	1/0ACSR	1350	1257	1067	308	1168	26	12	0.01	2.33	12
CO14196+	CO14195	6.50	187 3-	1/0ACSR	1337	1245	1055	307	1168	26	12	0.02	2.35	39
CO14142+	CO14196	6.67	183 3-	1/0ACSR	1313	1223	1034	305	1142	26	11	0.04	2.39	68
CO14141+	CO14142	6.80	179 3-	1/0ACSR	1295	1207	1018	304	1133	26	11	0.03	2.42	52
CO14140+	CO14141	7.25	178 3-	1/0ACSR	1238	1154	967	300	1131	26	11	0.10	2.52	177
CO14213+	CO14140	7.39	176 3-	1/0ACSR	1222	1139	953	299	1112	25	11	0.03	2.55	50
CO14214+	CO14213	7.49	175 3-	1/0ACSR	1210	1129	943	298	1110	25	11	0.02	2.58	37
CO14215+	CO14214	7.77	174 3-	1/0ACSR	1177	1098	915	296	1095	25	11	0.06	2.64	106
CO14218+	CO14215	7.83	171 3-	1/0ACSR	1171	1093	910	295	1082	24	11	0.01	2.65	19
CO14219+	CO14218	7.86	169 3-	1/0ACSR	1168	1090	907	295	1065	24	11	0.01	2.66	11
CO14139+	CO14219	7.94	168 3-	1/0ACSR	1160	1082	900	294	1065	24	11	0.02	2.67	26
CO14220+	CO14139	7.98	3 1-	4ACSR	0	0	893	293	15	1	1	0.00	2.68	0
CO14221+	CO14220	8.05	2 1-	4ACSR	0	0	885	292	13	0	1	0.00	2.68	0
CO14138+	CO14139	7.98	163 3-	1/0ACSR	1155	1078	895	294	1029	23	10	0.01	2.68	15
CO14137+	CO14138	8.19	111 3-	1/0ACSR	1133	1058	876	292	668	15	7	0.03	2.71	29
CO14233+	CO14137	8.25	109 3-	1/0ACSR	1126	1052	871	292	655	15	7	0.01	2.72	8
CO14234+	CO14233	8.32	108 3-	1/0ACSR	1119	1045	865	291	652	15	7	0.01	2.73	9
CO14144+	CO14234	8.35	33 1-	4ACSR	0	0	861	290	185	12	9	0.01	2.74	2
CO14317+	CO14144	8.36	33 1-	4ACSR	0	0	861	290	185	12	9	0.00	2.74	0
OC411+	CO14317	8.36	33 1-	25 H OCR	0	0	861	290	185	12	51	0.00	2.74	0
XFMR29	OC411	8.36	33 1-	333 KVA 1PH AUT	0	0	792	168	185	12	55	0.45	3.19	0
CO14318	XFMR29	8.38	33 1-	4ACSR	0	0	788	168	185	25	18	0.03	3.22	8
CO17100	CO14318	8.70	31 1-	4ACSR	0	0	737	165	184	25	18	0.36	3.58	109
CO13829	CO17100	8.84	31 1-	4ACSR	0	0	715	163	183	25	18	0.17	3.75	48
CO13883	CO13829	8.89	30 1-	4ACSR	0	0	707	163	169	23	17	0.05	3.80	14
CO13882	CO13883	8.98	29 1-	4ACSR	0	0	695	162	164	22	16	0.09	3.89	23
CO13805	CO13882	9.09	1 1-	4ACSR	0	0	679	161	2	0	0	0.00	3.89	0
CO13795	CO13882	9.05	28 1-	4ACSR	0	0	684	161	162	22	16	0.07	3.96	19
CO13806	CO13795	9.12	0 1-	4ACSR	0	0	675	161	0	0	0	0.00	3.96	0
CO13794	CO13795	9.14	26 1-	4ACSR	0	0	672	160	149	20	15	0.08	4.04	20
CO13885	CO13794	9.26	1 1-	4ACSR	0	0	656	159	1	0	0	0.00	4.04	0
CO13884	CO13885	9.46	0 1-	4ACSR	0	0	629	157	0	0	0	0.00	4.04	0
CO13819	CO13884	9.74	0 1-	4ACSR	0	0	594	155	0	0	0	0.00	4.04	0
CO13878	CO13794	9.17	25 1-	4ACSR	0	0	667	160	149	20	15	0.03	4.07	7
CO13877	CO13878	9.43	23 1-	4ACSR	0	0	633	158	143	20	14	0.23	4.30	51
CO13874	CO13877	9.59	13 1-	4ACSR	0	0	613	156	68	9	7	0.06	4.36	7
CO13873	CO13874	9.75	12 1-	4ACSR	0	0	593	155	62	8	6	0.06	4.43	7
CO13811	CO13873	9.79	1 1-	4ACSR	0	0	589	154	0	0	0	0.00	4.43	0
CO13876	CO13873	9.79	11 1-	4ACSR	0	0	589	154	61	8	6	0.01	4.44	0
CO13875	CO13876	9.89	10 1-	4ACSR	0	0	578	153	57	8	6	0.03	4.47	3
CO13812	CO13875	9.93	1 1-	4ACSR	0	0	573	153	0	0	0	0.00	4.47	0
CO13865	CO13875	10.02	8 1-	4ACSR	0	0	564	152	41	5	4	0.03	4.50	2
CO13833	CO13865	10.05	1 1-	4ACSR	0	0	560	152	5	0	1	0.00	4.50	0
CO13834	CO13833	10.16	1 1-	4ACSR	0	0	548	151	5	0	1	0.00	4.51	0
CO13866	CO13865	10.07	7 1-	4ACSR	0	0	559	152	35	4	4	0.01	4.51	0
CO13886	CO13866	10.20	6 1-	4ACSR	0	0	544	151	34	4	3	0.03	4.54	0
CO13814	CO13886	10.26	1 1-	2ACSR	0	0	539	150	2	0	0	0.00	4.54	0
CO13887	CO13886	10.26	4 1-	4ACSR	0	0	538	150	23	3	2	0.01	4.55	0
CO13861	CO13887	10.31	3 1-	4ACSR	0	0	534	150	22	3	2	0.01	4.55	0
CO13862	CO13861	10.41	3 1-	4ACSR	0	0	524	149	22	3	2	0.01	4.56	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13863	CO13862	10.48	1 1-	4ACSR	0	0	517	148	8	1	1	0.00	4.57	0
CO13864	CO13863	10.57	0 1-	4ACSR	0	0	509	147	0	0	0	0.00	4.57	0
CO13796	CO13877	9.58	9 1-	4ACSR	0	0	614	156	62	8	6	0.05	4.35	5
CO13808	CO13796	9.66	1 1-	4ACSR	0	0	604	155	15	2	2	0.00	4.35	0
CO13830	CO13796	9.64	6 1-	4ACSR	0	0	607	156	34	4	3	0.01	4.36	0
CO13820	CO13830	9.68	6 1-	4ACSR	0	0	602	155	34	4	3	0.01	4.37	0
CO13821	CO13820	10.08	5 1-	4ACSR	0	0	557	152	30	4	3	0.08	4.45	4
CO13797	CO13821	10.15	2 1-	4ACSR	0	0	549	151	14	1	1	0.01	4.45	0
CO13831	CO13797	10.27	2 1-	4ACSR	0	0	537	150	14	1	1	0.01	4.47	0
CO13832	CO13831	10.38	2 1-	4ACSR	0	0	527	149	14	1	1	0.00	4.47	0
CO13809	CO13797	10.24	0 1-	4ACSR	0	0	541	150	0	0	0	0.00	4.45	0
CO13810	CO13821	10.15	3 1-	4ACSR	0	0	550	151	16	2	2	0.00	4.45	0
CO13807	CO13794	9.31	0 1-	4ACSR	0	0	649	159	0	0	0	0.00	4.04	0
CO14165	CO14318	8.57	2 1-	4ACSR	0	0	757	166	1	0	0	0.00	3.22	0
CO485132026	CO14165	8.64	1 1-	2ACSR	0	0	748	166	1	0	0	0.00	3.22	0
CO14319+	CO14234	8.33	75 1-	4ACSR	0	0	864	291	467	32	23	0.00	2.74	4
OC410+	CO14319	8.33	75 1-	25 H OCR	0	0	864	291	467	32	130	0.00	2.74	0
XFMR27	OC410	8.33	75 1-	333 KVA 1PH AUT	0	0	793	168	467	32	141	1.24	3.97	0
CO14320	XFMR27	8.38	75 1-	4ACSR	0	0	785	168	467	65	46	0.15	4.12	114
CO14235	CO14320	8.48	75 1-	4ACSR	0	0	769	167	466	65	46	0.28	4.40	214
CO14236	CO14235	8.60	74 1-	4ACSR	0	0	749	166	461	64	46	0.37	4.77	278
CO14237	CO14236	8.72	71 1-	4ACSR	0	0	730	164	445	62	45	0.33	5.10	239
CO14238	CO14237	8.74	68 1-	4ACSR	0	0	727	164	430	60	43	0.05	5.15	37
CO14268	CO14238	8.95	42 1-	4ACSR	0	0	696	162	261	36	26	0.35	5.50	150
CO14269	CO14268	9.02	41 1-	4ACSR	0	0	685	161	256	36	26	0.12	5.62	51
CO14272	CO14269	9.11	39 1-	2ACSR	0	0	675	161	251	35	20	0.09	5.71	38
CO14273	CO14272	9.33	38 1-	2ACSR	0	0	650	159	248	35	19	0.24	5.95	94
CO14274	CO14273	9.39	38 1-	2ACSR	0	0	643	159	248	35	19	0.07	6.02	28
CO14275	CO14274	9.52	37 1-	2ACSR	0	0	629	158	236	33	19	0.14	6.16	52
CO14278	CO14275	9.58	35 1-	2ACSR	0	0	623	158	231	32	18	0.06	6.22	21
CO14173	CO14278	9.64	1 1-	2ACSR	0	0	617	157	17	2	1	0.00	6.22	0
CO14279	CO14278	9.67	34 1-	2ACSR	0	0	614	157	215	30	17	0.09	6.31	31
CO14281	CO14279	9.70	33 1-	2ACSR	0	0	611	157	211	29	17	0.02	6.33	7
CO14282	CO14281	9.73	32 1-	2ACSR	0	0	608	157	203	28	16	0.03	6.36	10
CO14280	CO14282	9.79	30 1-	2ACSR	0	0	603	156	184	26	15	0.04	6.41	13
CO14174	CO14280	9.86	1 1-	2ACSR	0	0	596	156	5	0	0	0.00	6.41	0
CO14283	CO14280	9.85	29 1-	2ACSR	0	0	596	156	179	25	14	0.05	6.46	15
CO14284	CO14283	9.92	29 1-	2ACSR	0	0	590	155	179	25	14	0.05	6.51	16
CO14285	CO14284	9.98	29 1-	2ACSR	0	0	585	155	179	25	14	0.05	6.56	13
CO14287	CO14285	10.20	28 1-	2ACSR	0	0	565	154	167	23	13	0.17	6.73	45
CO14152	CO14287	10.23	1 1-	4ACSR	0	0	562	153	11	1	1	0.00	6.73	0
CO14151	CO14287	10.30	1 1-	2ACSR	0	0	556	153	6	0	1	0.00	6.73	0
CO14290	CO14287	10.27	23 1-	2ACSR	0	0	559	153	136	19	11	0.04	6.77	8
CO14291	CO14290	10.37	21 1-	2ACSR	0	0	550	152	121	17	10	0.05	6.81	9
CO14289	CO14291	10.49	18 1-	2ACSR	0	0	541	152	98	14	8	0.05	6.86	7
CO14297	CO14289	10.62	6 1-	4ACSR	0	0	528	151	42	5	4	0.03	6.90	2
CO14298	CO14297	10.72	4 1-	4ACSR	0	0	519	150	38	5	4	0.03	6.92	0
CO14296	CO14298	10.86	4 1-	4ACSR	0	0	507	149	38	5	4	0.03	6.95	0
CO14153	CO14296	10.93	1 1-	4ACSR	0	0	500	148	15	2	2	0.00	6.96	0
CO14294	CO14296	10.94	3 1-	4ACSR	0	0	499	148	22	3	2	0.01	6.97	0
CO14295	CO14294	11.02	3 1-	4ACSR	0	0	493	147	22	3	2	0.01	6.98	0
CO14154	CO14295	11.05	1 1-	4ACSR	0	0	490	147	11	1	1	0.00	6.98	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14292	CO14295	11.08	2 1-	4ACSR	0	0	487	147	11	1	1	0.00	6.98	0
CO14293	CO14292	11.39	0 1-	4ACSR	0	0	463	144	0	0	0	0.00	6.98	0
CO14299	CO14289	10.51	10 1-	4ACSR	0	0	539	152	38	5	4	0.00	6.87	0
CO14300	CO14299	10.68	9 1-	4ACSR	0	0	523	150	35	4	4	0.04	6.90	2
CO14147	CO14300	10.73	2 1-	4ACSR	0	0	518	150	11	1	1	0.00	6.91	0
CO14301	CO14300	10.69	7 1-	4ACSR	0	0	521	150	24	3	2	0.00	6.91	0
CO14302	CO14301	11.06	7 1-	4ACSR	0	0	489	147	24	3	2	0.06	6.96	2
CO14148	CO14302	11.31	1 1-	4ACSR	0	0	469	145	13	1	1	0.01	6.97	0
CO14303	CO14302	11.20	6 1-	4ACSR	0	0	478	146	12	1	1	0.01	6.98	0
CO14304	CO14303	11.40	5 1-	4ACSR	0	0	462	144	11	1	1	0.01	6.99	0
CO14306	CO14304	11.42	0 1-	4ACSR	0	0	461	144	0	0	0	0.00	6.99	0
CO14307	CO14306	11.46	0 1-	4ACSR	0	0	458	144	0	0	0	0.00	6.99	0
CO14308	CO14307	11.51	0 1-	4ACSR	0	0	454	143	0	0	0	0.00	6.99	0
CO14305	CO14304	11.78	5 1-	4ACSR	0	0	435	141	11	1	1	0.03	7.02	0
CO14309	CO14305	11.89	1 1-	4ACSR	0	0	428	140	2	0	0	0.00	7.02	0
CO14310	CO14309	11.95	0 1-	4ACSR	0	0	424	140	0	0	0	0.00	7.02	0
CO14311	CO14305	12.10	4 1-	4ACSR	0	0	414	139	9	1	1	0.02	7.03	0
CO14312	CO14311	12.18	4 1-	4ACSR	0	0	409	138	9	1	1	0.00	7.04	0
CO14313	CO14312	12.21	2 1-	4ACSR	0	0	407	138	5	0	1	0.00	7.04	0
CO14314	CO14313	12.29	2 1-	4ACSR	0	0	403	137	5	0	1	0.00	7.04	0
CO14150	CO14314	12.35	1 1-	4ACSR	0	0	399	137	0	0	0	0.00	7.04	0
CO14149	CO14314	12.34	1 1-	4ACSR	0	0	400	137	5	0	0	0.00	7.04	0
CO14288	CO14287	10.36	3 1-	2ACSR	0	0	551	153	14	2	1	0.01	6.73	0
CO14286	CO14285	10.15	1 1-	4ACSR	0	0	566	153	12	1	1	0.01	6.57	0
CO14315	CO14286	10.30	1 1-	4ACSR	0	0	550	152	12	1	1	0.01	6.58	0
CO14316	CO14315	10.31	0 1-	4ACSR	0	0	549	152	0	0	0	0.00	6.58	0
CO14172	CO14279	9.70	1 1-	2ACSR	0	0	611	157	4	0	0	0.00	6.31	0
CO14276	CO14275	9.60	1 1-	4ACSR	0	0	620	157	5	0	0	0.00	6.16	0
CO14277	CO14276	9.66	0 1-	4ACSR	0	0	613	157	0	0	0	0.00	6.16	0
CO14270	CO14269	9.09	2 1-	2ACSR	0	0	678	161	5	0	0	0.00	5.62	0
CO14271	CO14270	9.16	2 1-	2ACSR	0	0	669	160	5	0	0	0.00	5.62	0
CO14239	CO14238	8.93	26 1-	2ACSR	0	0	703	163	169	23	13	0.14	5.29	36
CO14240	CO14239	9.22	25 1-	2ACSR	0	0	668	161	161	22	13	0.20	5.49	52
CO14171	CO14240	9.29	1 1-	2ACSR	0	0	661	160	0	0	0	0.00	5.49	0
CO14241	CO14240	9.32	24 1-	2ACSR	0	0	658	160	161	22	13	0.07	5.56	18
CO14242	CO14241	9.36	24 1-	2ACSR	0	0	652	160	161	22	13	0.03	5.59	9
CO14243	CO14242	9.43	24 1-	2ACSR	0	0	645	159	161	22	13	0.05	5.64	13
CO14244	CO14243	9.48	24 1-	2ACSR	0	0	640	159	161	22	13	0.03	5.68	8
CO14245	CO14244	9.54	23 1-	6ACWC	0	0	632	159	156	22	16	0.06	5.73	15
CO14170	CO14245	9.59	1 1-	6ACWC	0	0	625	158	4	0	0	0.00	5.73	0
CO14246	CO14245	9.65	22 1-	6ACWC	0	0	619	157	153	21	15	0.11	5.84	28
CO14247	CO14246	9.93	22 1-	6ACWC	0	0	586	155	153	21	15	0.27	6.12	70
CO14248	CO14247	10.00	22 1-	6ACWC	0	0	578	154	152	21	15	0.06	6.18	16
CO14249	CO14248	10.20	21 1-	6ACWC	0	0	557	152	152	21	15	0.19	6.37	48
CO14250	CO14249	10.24	21 1-	6ACWC	0	0	553	152	152	21	15	0.04	6.41	11
CO14253	CO14250	10.29	10 1-	6ACWC	0	0	548	152	68	9	7	0.02	6.43	3
CO14254	CO14253	10.31	10 1-	6ACWC	0	0	546	152	68	9	7	0.01	6.44	0
CO14255	CO14254	10.33	8 1-	6ACWC	0	0	544	151	58	8	6	0.01	6.45	0
CO14257	CO14255	10.38	4 1-	6ACWC	0	0	539	151	15	2	2	0.01	6.45	0
CO14258	CO14257	10.42	4 1-	6ACWC	0	0	535	151	15	2	2	0.00	6.46	0
CO14259	CO14258	10.45	2 1-	6ACWC	0	0	532	150	14	2	1	0.00	6.46	0
CO14256	CO14255	10.36	2 1-	6ACWC	0	0	542	151	26	3	3	0.00	6.45	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14251	CO14250	10.34	11 1-	6ACWC	0	0	543	151	84	11	9	0.05	6.46	7
CO14252	CO14251	10.39	11 1-	6ACWC	0	0	538	151	84	11	9	0.02	6.49	3
CO14166	CO14252	10.44	1 1-	4ACSR	0	0	533	150	14	1	1	0.00	6.49	0
CO14260	CO14252	10.44	8 1-	6ACWC	0	0	533	150	59	8	6	0.02	6.51	0
CO14261	CO14260	10.47	8 1-	6ACWC	0	0	531	150	59	8	6	0.01	6.52	0
CO14262	CO14261	10.51	8 1-	6ACWC	0	0	527	150	59	8	6	0.01	6.53	0
CO14323	CO14262	10.67	3 1-	1/0PRIURD	0	0	518	289	32	4	3	0.01	6.54	0
CO14263	CO14323	10.75	2 1-	1/0PRIURD	0	0	514	287	16	2	1	0.00	6.55	0
CO14264	CO14263	10.84	0 1-	1/0PRIURD	0	0	510	286	0	0	0	0.00	6.55	0
CO14265	CO14262	10.53	3 1-	6ACWC	0	0	525	150	17	2	2	0.00	6.53	0
CO14266	CO14265	10.59	2 1-	6ACWC	0	0	519	149	13	1	1	0.00	6.54	0
CO14267	CO14266	10.71	2 1-	6ACWC	0	0	509	148	13	1	1	0.01	6.54	0
CO14155	CO14235	8.59	1 1-	4ACSR	0	0	751	166	4	0	0	0.00	4.40	0
CO14156+	CO14137	8.23	2 1-	4ACSR	0	0	872	291	13	0	1	0.00	2.71	0
CO14159+	CO14138	8.01	0 1-	4ACSR	0	0	891	293	0	0	0	0.00	2.68	0
CO14229+	CO14138	8.04	7 1-	4ACSR	0	0	887	293	39	2	2	0.00	2.69	0
CO14230+	CO14229	8.07	3 1-	4ACSR	0	0	884	292	21	1	1	0.00	2.69	0
CO14158+	CO14230	8.09	0 1-	4ACSR	0	0	881	292	0	0	0	0.00	2.69	0
CO14231+	CO14230	8.07	1 1-	4ACSR	0	0	883	292	13	0	1	0.00	2.69	0
CO14232+	CO14231	8.10	1 1-	4ACSR	0	0	879	292	13	0	1	0.00	2.69	0
CO14222+	CO14138	8.08	44 1-	4ACSR	0	0	882	292	309	21	15	0.05	2.73	24
CO482624122+	CO14222	8.15	2 1-	2ACSR	0	0	875	291	14	0	1	0.00	2.73	0
CO14223+	CO14222	8.18	40 1-	4ACSR	0	0	869	290	285	19	14	0.04	2.78	20
CO14167+	CO14223	8.22	1 1-	4ACSR	0	0	865	290	10	0	0	0.00	2.78	0
CO14225+	CO14223	8.26	35 1-	4ACSR	0	0	860	289	267	18	13	0.03	2.81	13
CO14224+	CO14225	8.28	35 1-	4ACSR	0	0	858	289	267	18	13	0.01	2.81	3
CO14226+	CO14224	8.37	31 1-	4ACSR	0	0	846	287	223	15	11	0.03	2.85	12
CO14227+	CO14226	8.41	30 1-	4ACSR	0	0	842	287	212	14	10	0.01	2.86	4
CO14228+	CO14227	8.45	29 1-	4ACSR	0	0	837	286	211	14	10	0.01	2.87	4
CO17101+	CO14228	8.65	26 1-	4ACSR	0	0	814	283	197	13	10	0.06	2.93	20
CO13827+	CO17101	8.66	2 1-	4ACSR	0	0	812	283	27	1	1	0.00	2.93	0
CO13828+	CO13827	8.67	1 1-	4ACSR	0	0	811	283	14	0	1	0.00	2.93	0
CO14175+	CO13828	8.83	1 1-	4ACSR	0	0	793	280	14	0	1	0.00	2.94	0
CO13826+	CO17101	8.68	24 1-	4ACSR	0	0	810	283	170	11	8	0.01	2.94	2
CO-948763944+	CO13826	8.70	24 1-	2ACSR	0	0	808	282	170	11	7	0.00	2.95	0
CO224398980+	CO-948763944	8.73	1 1-	2ACSR	0	0	806	282	16	1	1	0.00	2.95	0
CO918115595+	CO-948763944	8.73	23 1-	2ACSR	0	0	806	282	154	10	6	0.00	2.95	0
CO13818+	CO918115595	8.76	23 1-	4ACSR	0	0	802	282	154	10	8	0.01	2.96	0
CO17105+	CO13818	8.88	22 1-	4ACSR	0	0	790	280	144	9	7	0.03	2.98	6
CO17076+	CO17105	9.07	21 1-	4ACSR	0	0	769	277	141	9	7	0.04	3.03	10
CO17221+	CO17076	9.41	3 1-	4ACSR	0	0	736	272	23	1	1	0.01	3.04	0
CO12710+	CO17221	9.47	2 1-	4ACSR	0	0	730	271	5	0	0	0.00	3.04	0
CO12709+	CO17221	9.46	1 1-	4ACSR	0	0	730	271	18	1	1	0.00	3.04	0
CO13150+	CO17076	9.33	18 1-	4ACSR	0	0	743	273	118	8	6	0.05	3.08	9
CO13305+	CO13150	9.40	2 1-	4ACSR	0	0	737	272	25	1	1	0.00	3.08	0
CO13306+	CO13305	9.45	1 1-	4ACSR	0	0	732	271	3	0	0	0.00	3.08	0
CO13151+	CO13150	9.44	16 1-	4ACSR	0	0	733	271	92	6	5	0.02	3.09	2
CO13182+	CO13151	9.50	1 1-	4ACSR	0	0	727	270	5	0	0	0.00	3.09	0
CO13304+	CO13151	9.45	15 1-	4ACSR	0	0	732	271	87	6	4	0.00	3.09	0
CO13303+	CO13304	9.55	15 1-	4ACSR	0	0	722	270	87	6	4	0.01	3.11	0
CO13183+	CO13303	9.63	1 1-	4ACSR	0	0	716	269	3	0	0	0.00	3.11	0
CO13152+	CO13303	9.66	13 1-	4ACSR	0	0	712	268	71	4	4	0.01	3.12	0

Substation Power Factor: 0.98
 Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO13302+	CO13152	9.74	6 1-	4ACSR	0	0	705	267	37	2	2	0.00	3.12	0
CO13301+	CO13302	9.81	6 1-	4ACSR	0	0	699	266	37	2	2	0.00	3.13	0
CO-5686484+	CO13301	9.94	1 1-	4ACSR	0	0	688	264	9	0	0	0.00	3.13	0
CO13300+	CO13301	9.93	5 1-	4ACSR	0	0	689	265	28	1	1	0.01	3.13	0
CO13299+	CO13300	10.05	3 1-	4ACSR	0	0	678	263	26	1	1	0.00	3.14	0
CO13184+	CO13299	10.11	1 1-	4ACSR	0	0	673	262	8	0	0	0.00	3.14	0
CO13298+	CO13299	10.10	1 1-	4ACSR	0	0	674	262	11	0	1	0.00	3.14	0
CO13340+	CO13298	10.15	0 1-	4ACSR	0	0	670	262	0	0	0	0.00	3.14	0
CO13339+	CO13340	10.16	0 1-	4ACSR	0	0	670	261	0	0	0	0.00	3.14	0
SW382-A+	CO13339	10.16	0 1-	Open	0	0	670	261	0	0	0	0.00	3.14	0
CO13164+	CO13152	9.75	7 1-	4ACSR	0	0	705	267	34	2	2	0.00	3.12	0
CO13163+	CO13164	9.85	5 1-	4ACSR	0	0	695	266	21	1	1	0.00	3.13	0
CO13307+	CO13163	9.94	2 1-	4ACSR	0	0	688	264	20	1	1	0.00	3.13	0
CO13308+	CO13307	10.00	1 1-	4ACSR	0	0	683	264	7	0	0	0.00	3.13	0
CO13149+	CO13163	10.40	2 1-	4ACSR	0	0	651	258	0	0	0	0.00	3.13	0
CO13181+	CO13149	10.59	1 1-	4ACSR	0	0	637	256	0	0	0	0.00	3.13	0
CO13225+	CO13163	9.89	1 1-	2ACSR	0	0	693	265	1	0	0	0.00	3.13	0
CO13198+	CO13164	9.77	2 1-	4ACSR	0	0	702	267	13	0	1	0.00	3.12	0
CO17084+	CO17105	8.91	1 1-	4ACSR	0	0	786	279	3	0	0	0.00	2.98	0
CO17159+	CO13818	8.94	1 1-	4ACSR	0	0	783	279	10	0	0	0.00	2.96	0
CO14164+	CO14224	8.32	1 1-	4ACSR	0	0	852	288	7	0	0	0.00	2.81	0
CO14161+	CO14219	7.94	0 1-	4ACSR	0	0	896	294	0	0	0	0.00	2.66	0
CO14160+	CO14219	7.94	1 1-	4ACSR	0	0	896	294	0	0	0	0.00	2.66	0
CO14216+	CO14215	7.85	3 3-	1/0ACSR	1168	1090	907	295	13	0	0	0.00	2.64	0
CO14217+	CO14216	7.87	2 3-	1/0ACSR	1167	1089	906	295	5	0	0	0.00	2.64	0
CO14168+	CO14217	7.90	2 1-	2ACSR	0	0	902	294	5	0	0	0.00	2.64	0
CO14211+	CO14140	7.31	2 1-	4ACSR	0	0	959	299	18	1	1	0.00	2.52	0
CO14212+	CO14211	7.35	1 1-	4ACSR	0	0	953	298	12	0	1	0.00	2.53	0
CO14208+	CO14141	6.86	1 1-	4ACSR	0	0	1009	303	2	0	0	0.00	2.42	0
CO14169+	CO14208	6.88	0 1-	2ACSR	0	0	1005	303	0	0	0	0.00	2.42	0
CO14209+	CO14208	6.90	0 1-	4ACSR	0	0	1001	302	0	0	0	0.00	2.42	0
CO14210+	CO14209	6.95	0 1-	4ACSR	0	0	993	301	0	0	0	0.00	2.42	0
CO14145+	CO14142	6.73	4 1-	6ACWC	0	0	1022	304	9	0	0	0.00	2.39	0
CO14321+	CO14145	6.74	4 1-	6ACWC	0	0	1021	304	9	0	0	0.00	2.39	0
OC412+	CO14321	6.74	4 1-	25 E OCR	0	0	1021	304	9	0	2	0.00	2.39	0
CO14322+	OC412	6.78	4 1-	6ACWC	0	0	1015	303	9	0	0	0.00	2.39	0
CO14200+	CO14322	6.80	4 1-	6ACWC	0	0	1012	303	9	0	0	0.00	2.39	0
CO14201+	CO14200	6.99	4 1-	6ACWC	0	0	981	300	9	0	0	0.00	2.39	0
CO14202+	CO14201	7.03	4 1-	6ACWC	0	0	975	299	9	0	0	0.00	2.39	0
CO14203+	CO14202	7.11	3 1-	6ACWC	0	0	962	298	5	0	0	0.00	2.39	0
CO14204+	CO14203	7.23	2 1-	6ACWC	0	0	945	296	4	0	0	0.00	2.40	0
CO14205+	CO14204	7.37	2 1-	6ACWC	0	0	925	293	4	0	0	0.00	2.40	0
CO14206+	CO14205	7.75	1 1-	6ACWC	0	0	873	287	3	0	0	0.00	2.40	0
CO14207+	CO14206	7.81	1 1-	6ACWC	0	0	865	286	3	0	0	0.00	2.40	0
CO14199+	CO14196	6.62	2 1-	6ACWC	0	0	1034	305	15	1	1	0.00	2.35	0
CO17088+	CO14199	6.76	2 1-	6ACWC	0	0	1010	302	15	1	1	0.00	2.36	0
CO13335+	CO17088	6.97	2 1-	6ACWC	0	0	976	299	15	1	1	0.00	2.36	0
CO14197+	CO14196	6.61	1 1-	6ACWC	0	0	1036	305	4	0	0	0.00	2.35	0
CO14198+	CO14197	6.64	1 1-	6ACWC	0	0	1030	304	4	0	0	0.00	2.35	0
CO17083+	CO14198	6.76	0 1-	6ACWC	0	0	1010	302	0	0	0	0.00	2.35	0
CO14162+	CO14143	6.44	1 1-	4ACSR	0	0	1059	307	6	0	0	0.00	2.32	0
CO14163+	CO17089	6.39	0 1-	4ACSR	0	0	1066	307	0	0	0	0.00	2.32	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15193+	CO15285	5.57	1 1-	4ACSR	0	0	1191	316	6	0	0	0.00	2.06	0
CO15194+	CO15159	5.27	1 1-	4ACSR	0	0	1241	319	2	0	0	0.00	1.99	0
CO15195+	CO15280	5.09	2 1-	4ACSR	0	0	1270	321	7	0	0	0.00	1.94	0
CO17188+	CO16233	4.17	0 1-	4ACSR	0	0	1460	331	0	0	0	0.00	1.72	0
CO16262+	CO17187	4.09	325 3-	4/0ACSR	1782	1682	1482	332	2261	50	15	0.00	1.71	5
OC495+	CO16262	4.09	325 3-	70 L OCR	1782	1682	1482	332	2261	50	72	0.00	1.71	0
CO16263+	OC495	4.14	325 3-	4/0ACSR	1772	1672	1472	331	2261	50	15	0.01	1.72	37
CO16231+	CO16263	4.65	324 3-	4/0ACSR	1681	1580	1379	328	2250	50	15	0.11	1.83	372
CO16039+	CO16231	4.75	322 3-	4/0ACSR	1664	1562	1362	328	2235	50	15	0.02	1.85	74
CO16038+	CO16039	4.80	289 3-	4/0ACSR	1656	1555	1354	327	1903	42	13	0.01	1.86	25
CO16199+	CO16038	4.87	1 1-	4ACSR	0	0	1335	326	16	1	1	0.00	1.86	0
CO16200+	CO16199	4.95	1 1-	4ACSR	0	0	1315	324	16	1	1	0.00	1.86	0
CO16037+	CO16038	5.27	287 3-	4/0ACSR	1582	1480	1281	324	1887	42	12	0.08	1.94	243
CO16082+	CO16037	5.34	1 1-	4ACSR	0	0	1265	323	1	0	0	0.00	1.94	0
CO1762422087+	CO16082	5.42	1 1-	2ACSR	0	0	1250	322	1	0	0	0.00	1.94	0
CO16081+	CO16037	5.37	1 1-	4ACSR	0	0	1259	323	10	0	0	0.00	1.94	0
CO16040+	CO16037	5.35	285 3-	4/0ACSR	1571	1468	1270	324	1875	42	12	0.01	1.95	38
CO16253+	CO16040	5.35	7 1-	4ACSR	0	0	1268	324	65	4	3	0.00	1.95	0
OC486+	CO16253	5.35	7 1-	10 N FUSE	0	0	1268	324	65	4	44	0.00	1.95	0
CO16254+	OC486	5.40	7 1-	4ACSR	0	0	1257	323	65	4	3	0.00	1.96	0
CO1165844292+	CO16254	5.44	4 1-	4ACSR	0	0	1247	322	35	2	2	0.00	1.96	0
CO270752351+	CO1165844292	5.50	1 1-	2ACSR	0	0	1236	321	11	0	0	0.00	1.96	0
CO1754996148+	CO270752351	5.54	0 1-	2ACSR	0	0	1228	321	0	0	0	0.00	1.96	0
CO-198707565+	CO1165844292	5.46	3 1-	4ACSR	0	0	1244	322	24	1	1	0.00	1.96	0
CO16198+	CO-198707565	5.74	3 1-	4ACSR	0	0	1181	316	24	1	1	0.01	1.97	0
CO16196+	CO16198	6.07	1 1-	4ACSR	0	0	1115	310	12	0	1	0.00	1.97	0
CO16041+	CO16040	5.54	278 3-	4/0ACSR	1543	1441	1243	323	1810	40	12	0.03	1.98	90
CO16071+	CO16041	5.57	2 1-	4ACSR	0	0	1234	322	12	0	1	0.00	1.98	0
CO16189+	CO16041	5.62	276 3-	4/0ACSR	1532	1429	1232	322	1797	40	12	0.01	2.00	38
CO16190+	CO16189	5.63	276 3-	4/0ACSR	1530	1427	1230	322	1797	40	12	0.00	2.00	7
CO16255+	CO16190	5.64	4 1-	4ACSR	0	0	1228	322	37	2	2	0.00	2.00	0
OC488+	CO16255	5.64	4 1-	10 N FUSE	0	0	1228	322	37	2	25	0.00	2.00	0
CO16256+	OC488	5.65	4 1-	4ACSR	0	0	1225	322	37	2	2	0.00	2.00	0
CO16191+	CO16256	5.73	3 1-	4ACSR	0	0	1207	320	24	1	1	0.00	2.00	0
CO16192+	CO16191	5.75	2 1-	4ACSR	0	0	1204	320	12	0	1	0.00	2.00	0
CO16193+	CO16192	5.98	2 1-	4ACSR	0	0	1156	315	12	0	1	0.00	2.01	0
CO16070+	CO16193	6.03	1 1-	4ACSR	0	0	1147	315	0	0	0	0.00	2.01	0
CO16194+	CO16193	6.07	1 1-	4ACSR	0	0	1137	314	12	0	1	0.00	2.01	0
CO16195+	CO16194	6.10	1 1-	4ACSR	0	0	1132	313	12	0	1	0.00	2.01	0
CO16185+	CO16190	5.87	272 3-	4/0ACSR	1497	1395	1199	321	1760	39	12	0.04	2.04	106
CO16186+	CO16185	6.05	272 3-	4/0ACSR	1473	1371	1176	320	1759	39	12	0.03	2.06	81
CO16187+	CO16186	6.18	272 3-	4/0ACSR	1456	1354	1160	319	1759	39	12	0.02	2.08	59
CO16183+	CO16187	6.23	2 1-	6ACWC	0	0	1150	318	16	1	1	0.00	2.09	0
CO16184+	CO16183	6.33	1 1-	6ACWC	0	0	1130	316	9	0	0	0.00	2.09	0
CO16188+	CO16187	6.37	270 3-	4/0ACSR	1432	1330	1137	318	1743	39	12	0.03	2.11	83
CO16234+	CO16188	6.91	270 3-	4/0ACSR	1368	1267	1078	314	1743	39	12	0.08	2.20	237
CO16179+	CO16234	7.29	270 3-	4/0ACSR	1326	1226	1039	312	1742	39	12	0.06	2.26	165
CO16023+	CO16179	7.60	259 3-	4/0ACSR	1293	1194	1009	310	1682	37	11	0.05	2.30	130
CO16243+	CO16023	7.61	73 1-	4ACSR	0	0	1008	310	468	32	23	0.00	2.31	4
OC496+	CO16243	7.61	73 1-	70 L OCR	0	0	1008	310	468	32	46	0.00	2.31	0
XFMR31	OC496	7.61	73 1-	333 KVA 1PH AUT	0	0	837	172	468	32	141	1.24	3.54	0
CO16244	XFMR31	7.64	73 1-	4ACSR	0	0	831	171	468	64	46	0.09	3.63	71

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16160	CO16244	7.82	73 1-	4ACSR	0	0	801	169	468	64	46	0.53	4.16	405
CO16155	CO16160	7.89	67 1-	4ACSR	0	0	789	168	427	59	43	0.19	4.35	129
CO16156	CO16155	7.94	65 1-	4ACSR	0	0	782	168	413	57	41	0.12	4.47	82
CO16152	CO16156	7.97	65 1-	4ACSR	0	0	776	168	413	57	41	0.09	4.56	62
CO16150	CO16152	8.02	61 1-	4ACSR	0	0	769	167	385	53	38	0.11	4.67	69
CO16151	CO16150	8.05	58 1-	4ACSR	0	0	764	167	346	48	35	0.07	4.74	38
CO16026	CO16151	8.20	54 1-	4ACSR	0	0	740	165	309	43	31	0.30	5.03	152
CO16056	CO16026	8.23	1 1-	4ACSR	0	0	735	165	12	1	1	0.00	5.04	0
CO16027	CO16026	8.23	52 1-	4ACSR	0	0	734	165	295	41	30	0.06	5.10	30
CO16147	CO16027	8.31	4 1-	4ACSR	0	0	723	164	47	6	5	0.02	5.12	0
CO16148	CO16147	8.35	4 1-	4ACSR	0	0	717	164	47	6	5	0.01	5.13	0
CO16149	CO16148	8.41	2 1-	4ACSR	0	0	708	163	17	2	2	0.00	5.13	0
CO16145	CO16027	8.25	48 1-	4ACSR	0	0	732	165	248	34	25	0.03	5.13	12
CO16146	CO16145	8.30	48 1-	4ACSR	0	0	725	164	248	34	25	0.07	5.19	27
CO16144	CO16146	8.35	45 1-	4ACSR	0	0	717	164	236	33	24	0.08	5.27	30
CO16235	CO16144	8.41	42 1-	4ACSR	0	0	709	163	209	29	21	0.07	5.34	25
CO16236	CO16235	8.44	41 1-	4ACSR	0	0	703	163	197	27	20	0.05	5.39	15
CO16033	CO16236	8.49	40 1-	4ACSR	0	0	697	162	186	26	19	0.05	5.44	16
CO16062	CO16033	8.51	2 1-	4ACSR	0	0	692	162	9	1	1	0.00	5.44	0
CO16032	CO16033	8.65	38 1-	4ACSR	0	0	673	161	177	24	18	0.19	5.63	54
CO16028	CO16032	8.69	37 1-	4ACSR	0	0	668	160	175	24	18	0.04	5.67	12
CO16059	CO16028	8.86	0 1-	4ACSR	0	0	645	159	0	0	0	0.00	5.67	0
CO16140	CO16028	8.75	37 1-	4ACSR	0	0	659	160	175	24	18	0.07	5.74	21
CO16141	CO16140	8.81	36 1-	4ACSR	0	0	651	159	171	24	17	0.06	5.80	18
CO16139	CO16141	8.83	34 1-	4ACSR	0	0	649	159	161	22	16	0.02	5.82	4
CO16138	CO16139	8.86	30 1-	4ACSR	0	0	645	159	154	21	16	0.03	5.85	7
CO16133	CO16138	9.03	28 1-	4ACSR	0	0	623	157	148	20	15	0.16	6.01	41
CO16134	CO16133	9.06	28 1-	4ACSR	0	0	620	157	148	20	15	0.03	6.04	6
CO16029	CO16134	9.15	8 1-	4ACSR	0	0	608	156	73	10	7	0.04	6.08	5
CO16030	CO16029	9.24	3 1-	4ACSR	0	0	598	155	26	3	3	0.01	6.09	0
CO16121	CO16030	9.29	1 1-	4ACSR	0	0	592	155	9	1	1	0.00	6.09	0
CO16245	CO16121	9.32	0 1-	4ACSR	0	0	588	154	0	0	0	0.00	6.09	0
SW497-B	CO16245	9.32	0 1-	Open	0	0	588	154	0	0	0	0.00	6.09	0
CO16066	CO16030	9.28	1 1-	4ACSR	0	0	593	155	0	0	0	0.00	6.09	0
CO16053	CO16029	9.23	1 1-	4ACSR	0	0	599	155	10	1	1	0.00	6.08	0
CO16068	CO16029	9.18	4 1-	4ACSR	0	0	605	156	37	5	4	0.00	6.09	0
CO16065	CO16134	9.15	5 1-	4ACSR	0	0	609	156	11	1	1	0.00	6.04	0
CO16249	CO16134	9.06	12 1-	4ACSR	0	0	619	157	57	8	6	0.00	6.04	0
OC489	CO16249	9.06	12 1-	25 H OCR	0	0	619	157	57	8	32	0.00	6.04	0
CO16250	OC489	9.13	12 1-	4ACSR	0	0	610	156	57	8	6	0.02	6.07	2
CO16122	CO16250	9.18	10 1-	4ACSR	0	0	605	156	53	7	5	0.01	6.08	0
CO16123	CO16122	9.22	9 1-	4ACSR	0	0	600	155	50	7	5	0.01	6.09	0
CO16124	CO16123	9.36	7 1-	4ACSR	0	0	584	154	44	6	4	0.04	6.13	3
CO16125	CO16124	9.44	7 1-	4ACSR	0	0	575	153	44	6	4	0.02	6.15	0
CO16128	CO16125	9.67	6 1-	4ACSR	0	0	550	151	30	4	3	0.05	6.20	2
CO16129	CO16128	9.75	5 1-	4ACSR	0	0	542	150	30	4	3	0.02	6.21	0
CO16130	CO16129	9.82	5 1-	4ACSR	0	0	535	150	30	4	3	0.01	6.23	0
CO16131	CO16130	9.86	4 1-	4ACSR	0	0	531	150	30	4	3	0.01	6.23	0
CO16132	CO16131	10.07	4 1-	4ACSR	0	0	512	148	30	4	3	0.04	6.27	0
CO17166	CO16132	10.24	4 1-	4ACSR	0	0	496	146	30	4	3	0.03	6.31	0
CO14176	CO17166	10.26	4 1-	4ACSR	0	0	495	146	30	4	3	0.00	6.31	0
CO14177	CO14176	10.41	3 1-	4ACSR	0	0	482	145	30	4	3	0.03	6.34	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14183	CO14177	10.47	2 1-	4ACSR	0	0	476	144	16	2	2	0.01	6.35	0
CO14184	CO14183	10.51	2 1-	4ACSR	0	0	473	144	16	2	2	0.00	6.35	0
CO14185	CO14184	10.61	2 1-	4ACSR	0	0	466	143	16	2	2	0.01	6.36	0
CO14186	CO14185	10.78	2 1-	4ACSR	0	0	453	142	16	2	2	0.02	6.38	0
CO14146	CO14186	10.91	2 1-	4ACSR	0	0	443	141	16	2	2	0.01	6.38	0
CO14187	CO14186	10.89	0 1-	4ACSR	0	0	445	141	0	0	0	0.00	6.38	0
CO14188	CO14187	11.08	0 1-	4ACSR	0	0	431	140	0	0	0	0.00	6.38	0
CO14189	CO14188	11.14	0 1-	4ACSR	0	0	428	139	0	0	0	0.00	6.38	0
CO14191	CO14189	11.23	0 1-	4ACSR	0	0	421	139	0	0	0	0.00	6.38	0
CO14192	CO14191	11.44	0 1-	4ACSR	0	0	408	137	0	0	0	0.00	6.38	0
CO14190	CO14192	11.52	0 1-	4ACSR	0	0	404	137	0	0	0	0.00	6.38	0
CO14180	CO14177	10.48	1 1-	4ACSR	0	0	476	144	14	1	1	0.01	6.35	0
CO14181	CO14180	10.62	1 1-	4ACSR	0	0	465	143	14	1	1	0.01	6.36	0
CO14182	CO14181	10.71	1 1-	4ACSR	0	0	458	143	14	1	1	0.01	6.37	0
CO14178	CO14182	10.79	1 1-	4ACSR	0	0	452	142	14	1	1	0.01	6.37	0
CO14179	CO14178	10.84	1 1-	4ACSR	0	0	448	142	14	1	1	0.00	6.38	0
CO16126	CO16125	9.52	0 1-	4ACSR	0	0	566	152	0	0	0	0.00	6.15	0
CO16127	CO16126	9.64	0 1-	4ACSR	0	0	553	151	0	0	0	0.00	6.15	0
CO16135	CO16138	8.88	2 1-	4ACSR	0	0	642	158	6	0	1	0.00	5.85	0
CO16136	CO16135	8.91	2 1-	4ACSR	0	0	638	158	6	0	1	0.00	5.85	0
CO16064	CO16136	8.96	1 1-	4ACSR	0	0	632	158	6	0	1	0.00	5.85	0
CO16137	CO16136	8.92	0 1-	4ACSR	0	0	637	158	0	0	0	0.00	5.85	0
CO16058	CO16032	8.69	0 1-	4ACSR	0	0	668	160	0	0	0	0.00	5.63	0
CO16057	CO16236	8.48	0 1-	4ACSR	0	0	697	162	0	0	0	0.00	5.39	0
CO16142	CO16144	8.43	3 1-	4ACSR	0	0	704	163	27	3	3	0.01	5.28	0
CO16143	CO16142	8.47	2 1-	4ACSR	0	0	699	162	6	0	1	0.00	5.28	0
CO16055	CO16151	8.07	3 1-	4ACSR	0	0	761	167	24	3	2	0.00	4.74	0
CO16088	CO16150	8.06	3 1-	2ACSR	0	0	763	167	39	5	3	0.00	4.67	0
CO16153	CO16152	8.04	1 1-	4ACSR	0	0	765	167	10	1	1	0.00	4.56	0
CO16154	CO16153	8.10	0 1-	4ACSR	0	0	756	166	0	0	0	0.00	4.56	0
CO16157	CO16160	7.84	5 1-	4ACSR	0	0	799	169	36	5	4	0.00	4.17	0
CO16061	CO16157	7.87	0 1-	4ACSR	0	0	793	169	0	0	0	0.00	4.17	0
CO16158	CO16157	7.88	3 1-	4ACSR	0	0	792	169	22	3	2	0.01	4.17	0
CO16159	CO16158	7.98	3 1-	4ACSR	0	0	775	168	22	3	2	0.01	4.18	0
CO-1041065619	CO16159	8.06	1 1-	2ACSR	0	0	764	167	3	0	0	0.00	4.18	0
CO16024+	CO16023	7.66	185 3-	4/0ACSR	1287	1188	1004	310	1213	27	8	0.01	2.31	12
CO16109+	CO16024	7.95	169 3-	4/0ACSR	1259	1162	979	308	1121	25	7	0.02	2.33	53
CO16090+	CO16109	8.00	2 1-	2ACSR	0	0	972	307	12	0	0	0.00	2.33	0
CO16110+	CO16109	8.36	167 3-	4/0ACSR	1220	1126	944	306	1108	24	7	0.03	2.36	74
CO16108+	CO16110	8.48	165 3-	4/0ACSR	1210	1117	935	305	1106	24	7	0.01	2.37	20
CO16025+	CO16108	8.55	160 3-	4/0ACSR	1203	1111	929	305	1082	24	7	0.01	2.38	13
CO16113+	CO16025	8.73	0 1-	4ACSR	0	0	906	301	0	0	0	0.00	2.38	0
CO16114+	CO16113	8.81	0 1-	4ACSR	0	0	897	300	0	0	0	0.00	2.38	0
CO16035+	CO16025	8.69	158 3-	4/0ACSR	1191	1100	919	304	1078	24	7	0.01	2.39	23
CO16034+	CO16035	8.81	156 3-	4/0ACSR	1181	1090	910	303	1077	24	7	0.01	2.40	20
CO16115+	CO16034	9.05	155 3-	4/0ACSR	1161	1071	892	302	1064	24	7	0.02	2.42	41
CO16116+	CO16115	9.24	155 3-	4/0ACSR	1146	1057	879	301	1064	24	7	0.01	2.43	31
CO30673+	CO16116	9.33	153 3-	4/0ACSR	1138	1051	872	300	1056	24	7	0.01	2.44	16
CO16117+	CO30673	9.34	153 3-	4/0ACSR	1137	1050	871	300	1056	24	7	0.00	2.44	2
CO16118+	CO16117	9.42	151 3-	4/0ACSR	1131	1044	866	300	1051	24	7	0.01	2.45	14
CO16054+	CO16118	9.48	2 1-	4ACSR	0	0	859	299	0	0	0	0.00	2.45	0
CO16251+	CO16118	9.43	149 3-	4/0ACSR	1130	1043	865	300	1051	24	7	0.00	2.45	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC963+	CO16251	9.43	149 3-	560 200WVE	1130	1043	865	300	1051	24	4	0.00	2.45	0
CO16252+	OC963	9.44	149 3-	4/0ACSR	1129	1042	864	299	1051	24	7	0.00	2.45	0
CO17201+	CO16252	9.52	147 3-	4/0ACSR	1123	1037	859	299	1042	23	7	0.01	2.46	13
CO16413+	CO17201	9.72	146 3-	4/0ACSR	1108	1023	846	298	1033	23	7	0.02	2.49	32
CO16414+	CO16413	9.82	143 3-	4/0ACSR	1101	1016	840	297	1020	23	7	0.01	2.50	16
CO30697+	CO16414	9.97	143 3-	4/0ACSR	1090	1006	830	296	1020	23	7	0.02	2.52	22
REG331+	CO30697	9.97	142 3-	100	1090	1006	830	296	1008	23	23	-2.52	0.00	0
CO16416+	REG331	10.22	142 3-	4/0ACSR	1072	989	815	295	1008	22	7	0.03	0.03	37
CO16417+	CO16416	10.28	140 3-	4/0ACSR	1067	985	811	295	1001	22	7	0.01	0.04	10
CO16471+	CO16417	10.29	11 1-	4ACSR	0	0	810	295	82	5	4	0.00	0.04	0
OC503+	CO16471	10.29	11 1-	10 N FUSE	0	0	810	295	82	5	56	0.00	0.04	0
CO16474+	OC503	10.42	11 1-	4ACSR	0	0	798	292	82	5	4	0.01	0.05	0
CO16418+	CO16474	10.45	8 1-	4ACSR	0	0	794	292	45	3	2	0.00	0.05	0
CO16419+	CO16418	10.51	7 1-	4ACSR	0	0	789	291	32	2	2	0.00	0.06	0
CO16420+	CO16419	10.55	5 1-	4ACSR	0	0	785	290	28	1	1	0.00	0.06	0
CO16421+	CO16420	10.65	4 1-	4ACSR	0	0	775	289	22	1	1	0.00	0.06	0
CO16422+	CO16421	10.69	3 1-	4ACSR	0	0	772	288	3	0	0	0.00	0.06	0
CO17233+	CO16422	10.77	2 1-	4ACSR	0	0	764	287	0	0	0	0.00	0.06	0
CO14509+	CO17233	10.78	1 1-	4ACSR	0	0	764	286	0	0	0	0.00	0.06	0
CO14510+	CO14509	10.82	1 1-	4ACSR	0	0	759	286	0	0	0	0.00	0.06	0
CO14511+	CO14510	10.89	0 1-	4ACSR	0	0	753	285	0	0	0	0.00	0.06	0
CO16300+	CO16474	10.45	2 1-	4ACSR	0	0	795	292	19	1	1	0.00	0.05	0
CO16469+	CO16417	10.29	22 1-	2ACSR	0	0	811	295	153	10	6	0.00	0.04	0
OC502+	CO16469	10.29	22 1-	10 N FUSE	0	0	811	295	153	10	103	0.00	0.04	0
CO16470+	OC502	10.46	22 1-	2ACSR	0	0	797	293	153	10	6	0.03	0.06	6
CO16450+	CO16470	10.54	2 1-	2ACSR	0	0	790	291	23	1	1	0.00	0.07	0
CO16424+	CO16450	10.62	2 1-	2ACSR	0	0	784	291	23	1	1	0.00	0.07	0
CO16449+	CO16470	10.51	1 1-	2ACSR	0	0	792	292	13	0	0	0.00	0.06	0
CO16460+	CO16470	10.55	19 1-	2ACSR	0	0	789	291	117	7	4	0.01	0.08	0
CO16425+	CO16460	10.62	19 1-	2ACSR	0	0	783	291	117	7	4	0.01	0.08	0
CO16426+	CO16425	10.67	19 1-	2ACSR	0	0	779	290	117	7	4	0.01	0.09	0
CO16311+	CO16426	10.80	1 1-	2ACSR	0	0	769	288	1	0	0	0.00	0.09	0
CO16427+	CO16426	10.84	18 1-	2ACSR	0	0	766	288	115	7	4	0.02	0.11	4
CO16441+	CO16427	10.91	7 1-	2ACSR	0	0	761	287	36	2	1	0.00	0.11	0
CO16442+	CO16441	10.98	7 1-	2ACSR	0	0	755	286	36	2	1	0.00	0.12	0
CO2072309943+	CO16442	11.01	1 1-	2ACSR	0	0	754	286	2	0	0	0.00	0.12	0
CO16443+	CO16442	11.06	6 1-	2ACSR	0	0	749	285	34	2	1	0.00	0.12	0
CO16444+	CO16443	11.10	6 1-	2ACSR	0	0	747	285	34	2	1	0.00	0.12	0
CO16305+	CO16444	11.20	1 1-	2ACSR	0	0	739	284	0	0	0	0.00	0.12	0
CO16446+	CO16444	11.18	5 1-	2ACSR	0	0	741	284	34	2	1	0.00	0.12	0
CO16445+	CO16446	11.24	1 1-	2ACSR	0	0	737	283	24	1	1	0.00	0.12	0
CO16447+	CO16446	11.24	4 1-	2ACSR	0	0	737	283	10	0	0	0.00	0.12	0
CO16448+	CO16447	11.30	3 1-	2ACSR	0	0	732	283	10	0	0	0.00	0.12	0
CO-1955829065+	CO16448	11.35	0 1-	2ACSR	0	0	729	282	0	0	0	0.00	0.12	0
CO16309+	CO16448	11.37	2 1-	2ACSR	0	0	728	282	6	0	0	0.00	0.12	0
CO1047302104+	CO16448	11.42	1 1-	2ACSR	0	0	724	281	4	0	0	0.00	0.12	0
CO16435+	CO16427	10.93	3 1-	2ACSR	0	0	759	287	1	0	0	0.00	0.11	0
CO16436+	CO16435	11.01	3 1-	2ACSR	0	0	754	286	1	0	0	0.00	0.11	0
CO16437+	CO16436	11.04	3 1-	2ACSR	0	0	751	286	1	0	0	0.00	0.11	0
CO16439+	CO16437	11.11	3 1-	2ACSR	0	0	746	285	1	0	0	0.00	0.11	0
CO16308+	CO16439	11.16	1 1-	2ACSR	0	0	743	284	0	0	0	0.00	0.11	0
CO16440+	CO16439	11.14	2 1-	2ACSR	0	0	744	285	1	0	0	0.00	0.11	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16438+	CO16440	11.19	1 1-	2ACSR	0	0	740	284	0	0	0	0.00	0.11	0
CO16428+	CO16427	10.94	8 1-	2ACSR	0	0	759	287	78	5	3	0.01	0.12	0
CO16429+	CO16428	10.99	8 1-	2ACSR	0	0	755	286	78	5	3	0.00	0.12	0
CO16430+	CO16429	11.02	8 1-	2ACSR	0	0	752	286	78	5	3	0.00	0.13	0
CO16431+	CO16430	11.10	7 1-	2ACSR	0	0	747	285	64	4	2	0.01	0.13	0
CO16433+	CO16431	11.21	7 1-	2ACSR	0	0	739	284	64	4	2	0.01	0.14	0
CO16434+	CO16433	11.30	6 1-	2ACSR	0	0	733	283	54	3	2	0.01	0.14	0
CO16475+	CO16434	11.34	6 1-	2ACSR	0	0	730	282	54	3	2	0.00	0.15	0
CO16307+	CO16475	11.40	1 1-	2ACSR	0	0	725	282	15	1	1	0.00	0.15	0
CO16432+	CO16475	11.43	4 1-	2ACSR	0	0	723	281	28	1	1	0.00	0.15	0
CO17232+	CO16432	11.51	2 1-	2ACSR	0	0	718	280	4	0	0	0.00	0.15	0
CO14507+	CO17232	11.56	1 1-	2ACSR	0	0	714	280	4	0	0	0.00	0.15	0
CO14508+	CO14507	11.64	1 1-	2ACSR	0	0	709	279	4	0	0	0.00	0.15	0
CO16306+	CO16432	11.49	1 1-	2ACSR	0	0	719	281	9	0	0	0.00	0.15	0
CO16304+	CO16433	11.28	1 1-	2ACSR	0	0	734	283	10	0	0	0.00	0.14	0
CO16423+	CO16417	10.34	103 3-	4/0ACSR	1064	982	808	294	749	16	5	0.00	0.04	4
CO17230+	CO16423	10.40	101 3-	4/0ACSR	1059	978	804	294	736	16	5	0.01	0.05	5
CO14383+	CO17230	10.51	100 3-	4/0ACSR	1052	971	798	293	726	16	5	0.01	0.05	8
CO14534+	CO14383	10.52	3 1-	4ACSR	0	0	797	293	23	1	1	0.00	0.05	0
OC416+	CO14534	10.52	3 1-	10 N FUSE	0	0	797	293	23	1	15	0.00	0.05	0
CO14535+	OC416	10.63	3 1-	4ACSR	0	0	786	291	23	1	1	0.00	0.06	0
CO14385+	CO14535	10.69	2 1-	4ACSR	0	0	781	290	2	0	0	0.00	0.06	0
CO14387+	CO14385	10.87	2 1-	4ACSR	0	0	764	287	2	0	0	0.00	0.06	0
CO14388+	CO14387	10.91	1 1-	4ACSR	0	0	760	287	0	0	0	0.00	0.06	0
CO14389+	CO14388	11.12	1 1-	4ACSR	0	0	742	283	0	0	0	0.00	0.06	0
CO14384+	CO14535	10.73	1 1-	4ACSR	0	0	777	290	21	1	1	0.00	0.06	0
CO14386+	CO14384	10.96	0 1-	4ACSR	0	0	756	286	0	0	0	0.00	0.06	0
CO14390+	CO14386	11.24	0 1-	4ACSR	0	0	731	281	0	0	0	0.00	0.06	0
CO14391+	CO14390	11.58	0 1-	4ACSR	0	0	702	276	0	0	0	0.00	0.06	0
CO14334+	CO14383	10.59	96 3-	4/0ACSR	1047	966	793	293	699	15	5	0.01	0.06	5
CO14392+	CO14334	10.68	88 3-	4/0ACSR	1040	960	788	292	650	14	4	0.01	0.07	6
CO14393+	CO14392	10.93	87 3-	4/0ACSR	1024	945	774	291	647	14	4	0.02	0.08	15
CO14394+	CO14393	11.08	87 3-	4/0ACSR	1014	936	766	290	646	14	4	0.01	0.10	9
CO14395+	CO14394	11.12	86 3-	4/0ACSR	1012	934	764	290	646	14	4	0.00	0.10	2
CO14364+	CO14395	11.20	5 1-	4ACSR	0	0	757	289	29	1	1	0.00	0.10	0
CO-1515064647+	CO14364	11.30	3 1-	2ACSR	0	0	750	287	28	1	1	0.00	0.10	0
CO1617575644+	CO-1515064647	11.32	2 1-	2ACSR	0	0	748	287	20	1	1	0.00	0.11	0
CO14359+	CO1617575644	11.37	1 1-	6ACWC	0	0	744	286	7	0	0	0.00	0.11	0
CO14545+	CO1617575644	11.33	1 1-	6ACWC	0	0	747	287	13	0	1	0.00	0.11	0
CO1228628199+	CO-1515064647	11.33	1 1-	2ACSR	0	0	748	287	8	0	0	0.00	0.11	0
CO14361+	CO1228628199	11.38	1 1-	6ACWC	0	0	743	286	8	0	0	0.00	0.11	0
CO14360+	CO1228628199	11.52	0 1-	6ACWC	0	0	732	284	0	0	0	0.00	0.11	0
CO1653933253+	CO14360	11.60	0 1-	2ACSR	0	0	726	283	0	0	0	0.00	0.11	0
CO14363+	CO14395	11.18	0 1-	4ACSR	0	0	759	289	0	0	0	0.00	0.10	0
CO14362+	CO14395	11.16	1 1-	4ACSR	0	0	761	289	3	0	0	0.00	0.10	0
CO14335+	CO14395	11.16	80 3-	4/0ACSR	1010	932	762	290	614	13	4	0.00	0.10	0
CO14336+	CO14335	11.24	79 3-	4/0ACSR	1004	927	758	289	606	13	4	0.01	0.11	5
CO14368+	CO14336	11.38	0 1-	4ACSR	0	0	745	287	0	0	0	0.00	0.11	0
CO14337+	CO14336	11.31	79 3-	4/0ACSR	1000	923	754	289	605	13	4	0.00	0.11	4
CO14516+	CO14337	11.33	4 1-	4ACSR	0	0	753	289	17	1	1	0.00	0.11	0
CO14521+	CO14516	11.40	2 1-	4ACSR	0	0	747	287	5	0	0	0.00	0.11	0
CO14396+	CO14521	11.47	1 1-	4ACSR	0	0	740	286	5	0	0	0.00	0.11	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14397+	CO14396	11.51	1 1-	4ACSR	0	0	737	286	5	0	0	0.00	0.11	0
CO14522+	CO14521	11.41	0 1-	4ACSR	0	0	745	287	0	0	0	0.00	0.11	0
CO14517+	CO14516	11.35	2 1-	4ACSR	0	0	751	288	12	0	1	0.00	0.11	0
CO14338+	CO14337	11.40	73 3-	4/0ACSR	995	918	749	288	578	13	4	0.01	0.12	5
CO14339+	CO14338	11.48	73 3-	4/0ACSR	990	914	746	288	578	13	4	0.00	0.12	4
CO14398+	CO14339	11.63	4 1-	4ACSR	0	0	733	285	33	2	2	0.01	0.13	0
CO14399+	CO14398	11.68	1 1-	4ACSR	0	0	729	285	14	0	1	0.00	0.13	0
CO14340+	CO14339	11.52	69 3-	4/0ACSR	988	912	744	288	545	12	4	0.00	0.12	0
CO14341+	CO14340	11.66	69 3-	4/0ACSR	979	904	737	287	545	12	4	0.01	0.13	6
CO14538+	CO14341	11.67	10 1-	4ACSR	0	0	736	287	40	2	2	0.00	0.13	0
OC418+	CO14538	11.67	10 1-	10 N FUSE	0	0	736	287	40	2	27	0.00	0.13	0
CO14539+	OC418	11.76	10 1-	4ACSR	0	0	729	285	40	2	2	0.01	0.14	0
CO14402+	CO14539	11.81	10 1-	4ACSR	0	0	724	285	40	2	2	0.00	0.14	0
CO14403+	CO14402	11.86	9 1-	4ACSR	0	0	720	284	28	1	1	0.00	0.14	0
CO14342+	CO14403	11.99	6 1-	4ACSR	0	0	709	282	24	1	1	0.00	0.15	0
CO14374+	CO14342	12.10	1 1-	4ACSR	0	0	701	280	3	0	0	0.00	0.15	0
CO14404+	CO14342	12.54	3 1-	4ACSR	0	0	668	273	16	1	1	0.01	0.16	0
CO14405+	CO14404	12.63	3 1-	4ACSR	0	0	662	272	16	1	1	0.00	0.16	0
CO14365+	CO14405	12.73	1 1-	4ACSR	0	0	654	270	1	0	0	0.00	0.16	0
CO14406+	CO14405	12.68	2 1-	4ACSR	0	0	658	271	15	0	1	0.00	0.16	0
CO14407+	CO14406	12.77	1 1-	4ACSR	0	0	651	270	3	0	0	0.00	0.16	0
CO14367+	CO14403	12.04	1 1-	4ACSR	0	0	706	281	0	0	0	0.00	0.14	0
CO14366+	CO14403	11.90	2 1-	4ACSR	0	0	717	283	4	0	0	0.00	0.14	0
CO14408+	CO14341	11.73	58 3-	4/0ACSR	975	900	733	287	500	11	3	0.00	0.14	3
CO14409+	CO14408	11.93	58 3-	4/0ACSR	963	889	723	285	500	11	3	0.01	0.15	7
CO14410+	CO14409	12.17	58 3-	4/0ACSR	950	877	712	284	500	11	3	0.01	0.16	9
CO14411+	CO14410	12.18	58 3-	4/0ACSR	950	876	712	284	499	11	3	0.00	0.16	0
CO14412+	CO14411	12.20	57 3-	4/0ACSR	949	875	711	284	480	10	3	0.00	0.16	0
CO1939200041+	CO14412	12.47	6 1-	2ACSR	0	0	693	281	42	2	2	0.01	0.18	0
CO1050452046+	CO1939200041	12.51	6 1-	2ACSR	0	0	691	280	42	2	2	0.00	0.18	0
CO14527+	CO1050452046	12.60	4 1-	1/0ACSR	0	0	687	280	29	1	1	0.00	0.18	0
CO14380+	CO14527	12.62	0 1-	4ACSR	0	0	685	279	0	0	0	0.00	0.18	0
CO14519+	CO14527	12.64	0 1-	1/0ACSR	0	0	684	279	0	0	0	0.00	0.18	0
CO14518+	CO1050452046	12.60	1 1-	4ACSR	0	0	684	279	12	0	1	0.00	0.18	0
CO-1362390616+	CO1050452046	12.60	1 1-	2ACSR	0	0	686	279	2	0	0	0.00	0.18	0
CO678352651+	CO-1362390616	12.67	1 1-	2ACSR	0	0	681	279	2	0	0	0.00	0.18	0
CO14401+	CO678352651	12.75	1 1-	4ACSR	0	0	676	278	2	0	0	0.00	0.18	0
CO850033707+	CO-1362390616	12.70	0 1-	2ACSR	0	0	680	278	0	0	0	0.00	0.18	0
CO-429835177+	CO14412	12.23	50 3-	2ACSR	946	873	709	284	431	9	5	0.00	0.17	3
CO1185430380+	CO-429835177	12.60	50 3-	2ACSR	917	848	686	279	431	9	5	0.05	0.21	32
CO14415+	CO1185430380	12.81	50 3-	4/0ACSR	906	838	677	278	431	9	3	0.01	0.22	6
CO14370+	CO14415	12.85	2 1-	4ACSR	0	0	674	278	15	1	1	0.00	0.22	0
CO14425+	CO14415	13.08	48 3-	4/0ACSR	892	825	666	277	416	9	3	0.01	0.24	7
CO14426+	CO14425	13.18	48 3-	4/0ACSR	888	821	662	276	416	9	3	0.00	0.24	2
CO14427+	CO14426	13.22	48 3-	4/0ACSR	885	819	660	276	416	9	3	0.00	0.24	0
CO14378+	CO14427	13.27	2 1-	4ACSR	0	0	657	275	172	11	8	0.01	0.25	0
CO14428+	CO14427	13.25	46 1-	6ACWC	0	0	658	276	244	16	12	0.01	0.25	4
CO14429+	CO14428	13.26	46 1-	6ACWC	0	0	657	276	244	16	12	0.00	0.26	0
XFMR34	CO14429	13.26	45 1-	333 KVA 1PH AUT	0	0	691	166	235	15	69	0.58	0.84	0
CO14430	XFMR34	13.34	45 1-	6ACWC	0	0	681	166	235	31	23	0.10	0.94	37
CO14431	CO14430	13.39	43 1-	6ACWC	0	0	674	165	212	28	21	0.07	1.01	25
CO14346	CO14431	13.43	42 1-	6ACWC	0	0	670	165	201	27	20	0.05	1.06	15

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14432	CO14346	13.46	0 1-	4ACSR	0	0	666	164	0	0	0	0.00	1.06	0
CO14546	CO14432	13.57	0 1-	4ACSR	0	0	653	163	0	0	0	0.00	1.06	0
CO14530	CO14346	13.44	42 1-	6ACWC	0	0	669	165	201	27	20	0.01	1.07	3
OC414	CO14530	13.44	42 1-	50 H OCR	0	0	669	165	201	27	55	0.00	1.07	0
CO14531	OC414	13.48	42 1-	6ACWC	0	0	664	164	201	27	20	0.05	1.12	16
CO14433	CO14531	13.59	42 1-	6ACWC	0	0	650	163	201	27	20	0.14	1.26	45
CO14434	CO14433	13.72	42 1-	6ACWC	0	0	635	162	200	27	20	0.16	1.42	51
CO14547	CO14434	13.86	42 1-	6ACWC	0	0	619	160	200	27	20	0.17	1.58	54
CO14548	CO14547	14.03	42 1-	6ACWC	0	0	601	159	200	27	20	0.21	1.79	67
CO14549	CO14548	14.21	41 1-	6ACWC	0	0	581	157	200	27	20	0.22	2.01	71
CO14435	CO14549	14.27	41 1-	6ACWC	0	0	576	157	199	27	20	0.07	2.08	22
CO14436	CO14435	14.38	41 1-	6ACWC	0	0	564	155	199	27	20	0.14	2.22	45
CO14437	CO14436	14.39	41 1-	6ACWC	0	0	563	155	199	27	20	0.01	2.23	3
CO14354	CO14437	14.52	1 1-	6ACWC	0	0	550	154	6	0	1	0.00	2.24	0
CO14438	CO14437	14.46	40 1-	6ACWC	0	0	556	155	193	26	19	0.09	2.32	28
CO14439	CO14438	14.64	40 1-	6ACWC	0	0	539	153	193	26	19	0.20	2.53	63
CO14440	CO14439	14.75	40 1-	6ACWC	0	0	529	152	193	26	19	0.13	2.66	41
CO14330	CO14440	15.15	0 1-	6ACWC	0	0	495	149	0	0	0	0.00	2.66	0
CO14441	CO14440	14.92	39 1-	6ACWC	0	0	514	151	185	25	18	0.19	2.85	56
CO14442	CO14441	15.07	36 1-	6ACWC	0	0	501	149	175	24	17	0.16	3.01	47
CO14443	CO14442	15.13	34 1-	6ACWC	0	0	496	149	174	24	17	0.06	3.07	17
CO14331	CO14443	15.18	33 1-	6ACWC	0	0	492	148	158	21	16	0.06	3.13	14
CO14444	CO14331	15.36	2 1-	6ACWC	0	0	478	147	3	0	0	0.00	3.13	0
CO14445	CO14444	15.46	2 1-	6ACWC	0	0	470	146	3	0	0	0.00	3.14	0
CO14514	CO14445	15.58	1 1-	6ACWC	0	0	461	145	2	0	0	0.00	3.14	0
CO14355	CO14514	15.64	0 1-	6ACWC	0	0	457	145	0	0	0	0.00	3.14	0
CO14515	CO14514	15.71	1 1-	6ACWC	0	0	452	144	2	0	0	0.00	3.14	0
CO14446	CO14445	15.59	1 1-	6ACWC	0	0	460	145	1	0	0	0.00	3.14	0
CO14447	CO14446	15.69	1 1-	6ACWC	0	0	454	144	1	0	0	0.00	3.14	0
CO14332	CO14331	15.28	29 1-	6ACWC	0	0	484	148	143	19	14	0.08	3.21	20
CO14333	CO14332	15.42	27 1-	6ACWC	0	0	473	146	131	18	13	0.12	3.33	25
CO14327	CO14333	15.89	11 1-	6ACWC	0	0	440	143	37	5	4	0.11	3.44	6
CO14351	CO14327	15.93	0 1-	6ACWC	0	0	437	142	0	0	0	0.00	3.44	0
CO14489	CO14327	16.02	11 1-	6ACWC	0	0	431	142	37	5	4	0.03	3.47	0
CO14490	CO14489	16.16	11 1-	6ACWC	0	0	422	141	37	5	4	0.03	3.50	0
CO17168	CO14490	16.33	1 1-	6ACWC	0	0	411	139	0	0	0	0.00	3.50	0
CO16327	CO17168	16.43	1 1-	6ACWC	0	0	406	139	0	0	0	0.00	3.50	0
CO16328	CO16327	16.54	1 1-	6ACWC	0	0	399	138	0	0	0	0.00	3.50	0
CO16329	CO16328	16.59	1 1-	6ACWC	0	0	396	137	0	0	0	0.00	3.50	0
CO16330	CO16329	16.66	1 1-	6ACWC	0	0	392	137	0	0	0	0.00	3.50	0
CO16331	CO16330	16.73	1 1-	6ACWC	0	0	389	136	0	0	0	0.00	3.50	0
CO16332	CO16331	16.79	1 1-	6ACWC	0	0	386	136	0	0	0	0.00	3.50	0
CO16333	CO16332	16.84	1 1-	6ACWC	0	0	383	136	0	0	0	0.00	3.50	0
CO14328	CO14490	16.38	10 1-	6ACWC	0	0	409	139	37	5	4	0.05	3.55	3
CO14491	CO14328	16.49	9 1-	6ACWC	0	0	402	138	37	5	4	0.02	3.58	0
CO17231	CO14491	16.72	8 1-	6ACWC	0	0	389	136	33	4	3	0.04	3.62	2
CO16452	CO17231	16.74	4 1-	6ACWC	0	0	388	136	22	3	2	0.00	3.62	0
CO16451	CO16452	16.79	4 1-	6ACWC	0	0	386	136	22	3	2	0.01	3.63	0
CO16453	CO16451	16.90	3 1-	6ACWC	0	0	380	135	18	2	2	0.01	3.64	0
CO16454	CO16453	16.94	2 1-	6ACWC	0	0	377	135	16	2	2	0.00	3.64	0
CO16455	CO16454	16.97	1 1-	6ACWC	0	0	376	135	13	1	1	0.00	3.65	0
CO16456	CO16455	17.03	1 1-	6ACWC	0	0	373	134	13	1	1	0.01	3.65	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16457	CO16456	17.05	1 1-	6ACWC	0	0	372	134	13	1	1	0.00	3.65	0
CO16282	CO16451	16.91	1 1-	6ACWC	0	0	379	135	4	0	0	0.00	3.63	0
CO2001466264	CO17231	16.76	1 1-	2ACSR	0	0	387	136	6	0	0	0.00	3.62	0
CO14329	CO14328	17.01	1 1-	6ACWC	0	0	374	134	0	0	0	0.00	3.55	0
CO14352	CO14329	17.18	0 1-	6ACWC	0	0	366	133	0	0	0	0.00	3.55	0
CO14492	CO14329	17.14	1 1-	6ACWC	0	0	368	134	0	0	0	0.00	3.55	0
CO14493	CO14492	17.38	0 1-	6ACWC	0	0	356	132	0	0	0	0.00	3.55	0
CO1975085678	CO14493	17.54	0 1-	2ACSR	0	0	350	131	0	0	0	0.00	3.55	0
CO555388953	CO1975085678	17.57	0 1-	2ACSR	0	0	349	131	0	0	0	0.00	3.55	0
CO14326	CO14333	15.64	3 1-	6ACWC	0	0	457	145	20	2	2	0.03	3.36	0
CO14529	CO14326	15.65	0 1-	6ACWC	0	0	456	145	0	0	0	0.00	3.36	0
OC413	CO14529	15.65	0 1-	15 H OCR	0	0	456	145	0	0	0	0.00	3.36	0
CO14381	CO14326	15.73	1 1-	2ACSR	0	0	452	144	4	0	0	0.00	3.36	0
CO14350	CO14326	15.72	2 1-	6ACWC	0	0	451	144	16	2	2	0.00	3.36	0
CO14473	CO14333	15.68	13 1-	6ACWC	0	0	454	144	74	10	7	0.12	3.45	14
CO14474	CO14473	15.88	13 1-	6ACWC	0	0	441	143	74	10	7	0.09	3.54	11
CO14475	CO14474	16.26	13 1-	6ACWC	0	0	416	140	74	10	7	0.17	3.71	21
CO14476	CO14475	16.34	13 1-	6ACWC	0	0	411	139	74	10	7	0.04	3.75	5
CO17169	CO14476	16.48	2 1-	6ACWC	0	0	403	138	4	0	0	0.00	3.76	0
CO16337	CO17169	16.71	1 1-	6ACWC	0	0	390	137	0	0	0	0.00	3.76	0
CO16338	CO16337	16.81	1 1-	6ACWC	0	0	385	136	0	0	0	0.00	3.76	0
CO16284	CO16338	16.96	0 1-	6ACWC	0	0	377	135	0	0	0	0.00	3.76	0
CO16283	CO16338	16.89	1 1-	6ACWC	0	0	380	135	0	0	0	0.00	3.76	0
CO16334	CO17169	16.60	1 1-	4ACSR	0	0	396	137	4	0	0	0.00	3.76	0
CO16335	CO16334	16.64	1 1-	4ACSR	0	0	394	137	4	0	0	0.00	3.76	0
CO16336	CO16335	16.69	0 1-	4ACSR	0	0	391	137	0	0	0	0.00	3.76	0
CO14477	CO14476	16.40	11 1-	6ACWC	0	0	407	139	69	9	7	0.03	3.78	3
CO14478	CO14477	16.58	11 1-	6ACWC	0	0	397	137	69	9	7	0.08	3.86	9
CO14550	CO14478	16.69	1 1-	4ACSR	0	0	391	137	1	0	0	0.00	3.86	0
CO14512	CO14478	16.63	8 1-	6ACWC	0	0	394	137	55	7	5	0.02	3.87	0
CO14382	CO14512	16.68	1 1-	2ACSR	0	0	392	137	4	0	0	0.00	3.87	0
CO14513	CO14512	16.76	7 1-	6ACWC	0	0	387	136	50	7	5	0.04	3.91	3
CO14482	CO14513	16.82	1 1-	6ACWC	0	0	384	136	13	1	1	0.01	3.92	0
CO14488	CO14482	16.87	1 1-	6ACWC	0	0	381	135	13	1	1	0.00	3.92	0
CO14486	CO14513	16.81	4 1-	6ACWC	0	0	384	136	18	2	2	0.01	3.92	0
CO14487	CO14486	16.89	3 1-	6ACWC	0	0	380	135	11	1	1	0.01	3.92	0
CO14483	CO14487	16.98	3 1-	6ACWC	0	0	375	135	11	1	1	0.01	3.93	0
CO14484	CO14483	17.01	3 1-	6ACWC	0	0	374	134	11	1	1	0.00	3.93	0
CO14485	CO14484	17.05	3 1-	6ACWC	0	0	372	134	11	1	1	0.00	3.93	0
CO14480	CO14513	16.80	1 1-	2ACSR	0	0	386	136	7	0	1	0.00	3.91	0
CO14481	CO14480	16.86	1 1-	2ACSR	0	0	383	136	7	0	1	0.00	3.91	0
CO14353	CO14513	16.86	1 1-	6ACWC	0	0	382	135	13	1	1	0.00	3.92	0
CO14479	CO14478	16.63	2 1-	2ACSR	0	0	395	137	14	1	1	0.00	3.86	0
CO14525	CO14479	16.83	2 1-	2ACSR	0	0	386	136	14	1	1	0.01	3.87	0
CO14526	CO14525	16.87	1 1-	2ACSR	0	0	384	136	12	1	1	0.00	3.87	0
CO14449	CO14332	15.38	2 1-	4ACSR	0	0	476	147	12	1	1	0.00	3.22	0
CO14357	CO14331	15.21	2 1-	6ACWC	0	0	490	148	12	1	1	0.00	3.13	0
CO-34240087	CO14357	15.42	1 1-	2ACSR	0	0	476	147	12	1	1	0.01	3.14	0
CO14450	CO-34240087	15.44	1 1-	4ACSR	0	0	475	147	12	1	1	0.00	3.14	0
CO14448	CO14450	15.49	1 1-	4ACSR	0	0	471	146	12	1	1	0.00	3.15	0
CO14356	CO14443	15.18	1 1-	6ACWC	0	0	492	148	15	2	2	0.00	3.08	0
CO14375	CO14431	13.48	0 1-	4ACSR	0	0	664	164	0	0	0	0.00	1.01	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO14413+	CO14412	12.27	1 1-	4ACSR	0	0	705	283	6	0	0	0.00	0.16	0
CO14414+	CO14413	12.31	0 1-	4ACSR	0	0	702	282	0	0	0	0.00	0.16	0
CO14379+	CO14334	10.63	0 1-	4ACSR	0	0	789	292	0	0	0	0.00	0.06	0
CO14377+	CO14334	10.66	4 1-	4ACSR	0	0	786	292	17	1	1	0.00	0.06	0
CO14376+	CO14334	10.63	1 1-	4ACSR	0	0	790	292	10	0	0	0.00	0.06	0
CO1315947728+	CO16414	9.87	0 1-	2ACSR	0	0	835	297	0	0	0	0.00	2.50	0
CO16301+	CO16414	9.88	0 1-	4ACSR	0	0	833	296	0	0	0	0.00	2.50	0
CO16415+	CO16414	9.83	0 3-	4/0ACSR	1100	1015	839	297	0	0	0	0.00	2.50	0
CO16312+	CO16413	9.77	1 1-	2ACSR	0	0	841	297	13	0	0	0.00	2.49	0
CO16119+	CO16252	9.49	2 1-	4ACSR	0	0	859	299	9	0	0	0.00	2.46	0
CO16120+	CO16119	9.57	1 1-	4ACSR	0	0	851	297	4	0	0	0.00	2.46	0
CO16246+	CO30673	9.34	0 1-	4ACSR	0	0	871	300	0	0	0	0.00	2.44	0
SW497-A+	CO16246	9.34	0 1-	Open	0	0	871	300	0	0	0	0.00	2.44	0
CO16036+	CO16116	9.24	0 3-	4/0ACSR	1145	1057	878	301	0	-7	2	0.00	2.43	0
CA61+	CO16036	9.24	0 3-	Capacitor	1145	1057	878	301	0	-7	0	0.00	2.43	0
CO16067+	CO16116	9.36	1 1-	4ACSR	0	0	865	299	5	0	0	0.00	2.43	0
CO16031+	CO16034	9.03	1 1-	4/0ACSR	0	0	893	302	12	0	0	0.00	2.40	0
CO16052+	CO16031	9.08	0 1-	4ACSR	0	0	888	301	0	0	0	0.00	2.40	0
CO16247+	CO16031	9.04	1 1-	4ACSR	0	0	892	302	12	0	1	0.00	2.40	0
OC492+	CO16247	9.04	1 1-	70 E OCR	0	0	892	302	12	0	1	0.00	2.40	0
CO16248+	OC492	9.09	1 1-	4ACSR	0	0	886	301	12	0	1	0.00	2.40	0
CO17245+	CO16248	9.34	0 1-	4ACSR	0	0	857	296	0	0	0	0.00	2.40	0
XFMR33	CO17245	9.34	0 1-	333 KVA 1PH AUT	0	0	784	170	0	0	0	0.00	2.40	0
CO16063+	CO16035	8.72	1 1-	4ACSR	0	0	915	303	1	0	0	0.00	2.39	0
CO16051+	CO16025	8.62	2 1-	4ACSR	0	0	921	303	4	0	0	0.00	2.38	0
CO16111+	CO16108	8.55	4 1-	4ACSR	0	0	925	304	23	1	1	0.00	2.37	0
CO16112+	CO16111	8.59	2 1-	4ACSR	0	0	920	303	6	0	0	0.00	2.37	0
CO16106+	CO16024	7.91	16 3-	2ACSR	1252	1158	973	307	92	2	1	0.01	2.31	0
CO16107+	CO16106	7.93	15 3-	2ACSR	1249	1155	970	306	92	2	1	0.00	2.32	0
CO16087+	CO16107	8.08	1 1-	2ACSR	0	0	953	304	4	0	0	0.00	2.32	0
CO16105+	CO16107	7.98	14 3-	2ACSR	1242	1149	964	306	88	2	1	0.00	2.32	0
CO16101+	CO16105	8.07	3 1-	2ACSR	0	0	954	305	38	2	1	0.00	2.32	0
CO16102+	CO16101	8.12	3 1-	2ACSR	0	0	948	304	38	2	1	0.00	2.32	0
CO16103+	CO16102	8.15	2 1-	2ACSR	0	0	945	304	23	1	1	0.00	2.32	0
CO16104+	CO16103	8.22	1 1-	2ACSR	0	0	937	303	11	0	0	0.00	2.32	0
CO16098+	CO16105	8.09	10 3-	2ACSR	1227	1136	951	304	47	1	1	0.00	2.32	0
CO16099+	CO16098	8.14	9 3-	2ACSR	1221	1131	946	304	47	1	1	0.00	2.32	0
CO16100+	CO16099	8.36	8 3-	2ACSR	1192	1105	921	301	43	0	1	0.00	2.32	0
CO16095+	CO16100	8.46	3 1-	2ACSR	0	0	910	300	17	1	1	0.00	2.32	0
CO16096+	CO16095	8.57	2 1-	2ACSR	0	0	898	298	17	1	1	0.00	2.32	0
CO16097+	CO16096	8.62	1 1-	2ACSR	0	0	893	298	0	0	0	0.00	2.32	0
CO16094+	CO16100	8.44	4 3-	2ACSR	1182	1097	913	300	22	0	0	0.00	2.32	0
CO17204+	CO16094	8.51	2 3-	2ACSR	1172	1088	904	299	15	0	0	0.00	2.32	0
CO16599+	CO17204	8.59	0 3-	2ACSR	1163	1080	896	298	0	0	0	0.00	2.32	0
CO16600+	CO16599	8.78	0 3-	2ACSR	1139	1059	876	296	0	0	0	0.00	2.32	0
CO16715+	CO16600	8.79	0 3-	2ACSR	1138	1058	876	296	0	0	0	0.00	2.32	0
SW506-A+	CO16715	8.79	0 3-	Open	1138	1058	876	296	0	0	0	0.00	2.32	0
CO17202+	CO17204	8.68	2 1-	2ACSR	0	0	887	297	15	1	1	0.00	2.32	0
CO16049+	CO16179	7.38	9 1-	4ACSR	0	0	1024	310	37	2	2	0.01	2.26	0
CO16241+	CO16049	7.39	9 1-	4ACSR	0	0	1023	310	37	2	2	0.00	2.26	0
OC485+	CO16241	7.39	9 1-	25 E OCR	0	0	1023	310	37	2	10	0.00	2.26	0
CO16242+	OC485	7.46	9 1-	4ACSR	0	0	1012	309	37	2	2	0.00	2.27	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16161+	CO16242	7.59	8 1-	4ACSR	0	0	992	307	37	2	2	0.01	2.27	0
CO16162+	CO16161	7.89	8 1-	4ACSR	0	0	948	301	37	2	2	0.02	2.29	0
CO16050+	CO16162	7.95	1 1-	4ACSR	0	0	940	300	14	0	1	0.00	2.29	0
CO16163+	CO16162	7.92	7 1-	4ACSR	0	0	943	301	23	1	1	0.00	2.29	0
CO16164+	CO16163	7.96	7 1-	4ACSR	0	0	938	300	23	1	1	0.00	2.29	0
CO16169+	CO16164	8.45	3 1-	4ACSR	0	0	873	292	18	1	1	0.01	2.31	0
CO16168+	CO16169	8.58	3 1-	4ACSR	0	0	858	290	18	1	1	0.00	2.31	0
CO16174+	CO16168	8.95	1 1-	4ACSR	0	0	813	283	4	0	0	0.00	2.31	0
CO16175+	CO16174	9.25	1 1-	4ACSR	0	0	781	279	4	0	0	0.00	2.31	0
CO16176+	CO16175	9.30	1 1-	4ACSR	0	0	776	278	4	0	0	0.00	2.31	0
CO16177+	CO16176	9.33	1 1-	4ACSR	0	0	772	278	4	0	0	0.00	2.31	0
CO16178+	CO16177	9.39	1 1-	4ACSR	0	0	766	277	4	0	0	0.00	2.31	0
CO16170+	CO16168	8.78	2 1-	4ACSR	0	0	833	286	13	0	1	0.00	2.31	0
CO16171+	CO16170	8.97	2 1-	4ACSR	0	0	811	283	13	0	1	0.00	2.32	0
CO16172+	CO16171	9.03	2 1-	4ACSR	0	0	805	282	13	0	1	0.00	2.32	0
CO16173+	CO16172	9.18	1 1-	4ACSR	0	0	788	280	13	0	1	0.00	2.32	0
CO16165+	CO16164	8.24	1 1-	4ACSR	0	0	900	295	2	0	0	0.00	2.29	0
CO16166+	CO16165	8.66	1 1-	4ACSR	0	0	847	288	2	0	0	0.00	2.29	0
CO16167+	CO16166	8.95	1 1-	2ACSR	0	0	820	285	2	0	0	0.00	2.30	0
CO16089+	CO16163	7.95	0 1-	2ACSR	0	0	940	300	0	0	0	0.00	2.29	0
CO16239+	CO16188	6.38	0 1-	6ACWC	0	0	1136	318	0	0	0	0.00	2.11	0
CO16237+	CO16188	6.38	0 1-	6ACWC	0	0	1136	318	0	0	0	0.00	2.11	0
OC487+	CO16237	6.38	0 1-	10 N FUSE	0	0	1136	318	0	0	0	0.00	2.11	0
CO16238+	OC487	6.62	0 1-	6ACWC	0	0	1092	313	0	0	0	0.00	2.11	0
CO16083+	CO16238	6.68	0 1-	6ACWC	0	0	1080	312	0	0	0	0.00	2.11	0
XFMR30	CO16039	4.75	33 1-	333 KVA 1PH AUT	0	0	933	174	332	22	99	0.85	2.70	0
CO16042	XFMR30	4.85	33 1-	4ACSR	0	0	912	173	332	45	33	0.22	2.92	117
CO16257	CO16042	4.86	33 1-	4ACSR	0	0	910	173	331	45	33	0.01	2.93	7
OC490	CO16257	4.86	33 1-	50 H OCR	0	0	910	173	331	45	92	0.00	2.93	0
CO16258	OC490	5.02	33 1-	4ACSR	0	0	878	171	331	45	33	0.34	3.27	183
CO16073	CO16258	5.06	1 1-	4ACSR	0	0	870	170	16	2	2	0.00	3.28	0
CO16201	CO16258	5.10	32 1-	4ACSR	0	0	863	170	315	43	31	0.15	3.42	76
CO16202	CO16201	5.23	30 1-	4ACSR	0	0	837	169	310	43	31	0.26	3.68	132
CO16043	CO16202	5.50	28 1-	4ACSR	0	0	788	166	302	41	30	0.50	4.19	250
CO16074	CO16043	5.69	1 1-	4ACSR	0	0	755	164	5	0	0	0.00	4.19	0
CO16044	CO16043	5.84	25 1-	4ACSR	0	0	729	162	285	39	28	0.62	4.81	291
CO16045	CO16044	5.94	23 1-	4ACSR	0	0	714	161	254	35	25	0.15	4.96	64
CO16226	CO16045	6.01	1 1-	4ACSR	0	0	702	161	12	1	1	0.00	4.96	0
CO16227	CO16226	6.37	0 1-	4ACSR	0	0	649	157	0	0	0	0.00	4.96	0
CO16228	CO16227	6.60	0 1-	4ACSR	0	0	619	155	0	0	0	0.00	4.96	0
CO16229	CO16228	6.73	0 1-	4ACSR	0	0	602	154	0	0	0	0.00	4.96	0
CO16230	CO16229	6.84	0 1-	4ACSR	0	0	589	153	0	0	0	0.00	4.96	0
CO16048	CO16045	6.01	22 1-	4ACSR	0	0	703	161	242	33	24	0.11	5.06	42
CO16086	CO16048	6.03	0 1-	4ACSR	0	0	699	160	0	0	0	0.00	5.06	0
CO16205	CO16048	6.17	21 1-	4ACSR	0	0	678	159	235	32	24	0.23	5.29	86
CO16206	CO16205	6.20	19 1-	4ACSR	0	0	673	159	204	28	21	0.04	5.33	13
CO16207	CO16206	6.26	18 1-	4ACSR	0	0	665	158	190	26	19	0.07	5.40	21
CO16084	CO16207	6.28	1 1-	4ACSR	0	0	661	158	9	1	1	0.00	5.40	0
CO16047	CO16207	6.33	16 1-	4ACSR	0	0	654	157	169	23	17	0.08	5.48	20
CO16213	CO16047	6.36	9 1-	4ACSR	0	0	650	157	88	12	9	0.02	5.49	2
CO16214	CO16213	6.42	8 1-	4ACSR	0	0	642	157	88	12	9	0.03	5.52	5
CO16215	CO16214	6.48	8 1-	4ACSR	0	0	635	156	88	12	9	0.03	5.56	5

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16216	CO16215	6.53	8 1-	4ACSR	0	0	627	156	88	12	9	0.03	5.58	4
CO16217	CO16216	6.68	7 1-	4ACSR	0	0	608	154	75	10	8	0.07	5.66	9
CO17167	CO16217	6.72	2 1-	4ACSR	0	0	603	154	6	0	1	0.00	5.66	0
CO14193	CO17167	6.79	2 1-	4ACSR	0	0	595	153	6	0	1	0.00	5.66	0
CO14194	CO14193	6.85	1 1-	4ACSR	0	0	588	153	5	0	1	0.00	5.66	0
CO16080	CO16217	6.72	1 1-	4ACSR	0	0	603	154	15	2	2	0.00	5.66	0
CO16218	CO16217	6.75	4 1-	4ACSR	0	0	600	154	54	7	5	0.02	5.68	0
CO16219	CO16218	6.76	3 1-	4ACSR	0	0	598	154	31	4	3	0.00	5.68	0
CO16046	CO16219	6.84	1 1-	4ACSR	0	0	589	153	5	0	1	0.00	5.68	0
CO16079	CO16046	6.97	1 1-	4ACSR	0	0	574	152	5	0	1	0.00	5.68	0
CO16259	CO16046	6.84	0 1-	4ACSR	0	0	588	153	0	0	0	0.00	5.68	0
CO16220	CO16219	6.85	2 1-	4ACSR	0	0	588	153	26	3	3	0.01	5.69	0
CO16221	CO16220	6.89	1 1-	4ACSR	0	0	583	152	12	1	1	0.00	5.69	0
CO16208	CO16047	6.39	5 1-	4ACSR	0	0	646	157	55	7	6	0.02	5.50	0
CO16209	CO16208	6.43	4 1-	4ACSR	0	0	641	157	48	6	5	0.01	5.51	0
CO16085	CO16209	6.46	1 1-	4ACSR	0	0	637	156	11	1	1	0.00	5.51	0
CO16210	CO16209	6.47	2 1-	4ACSR	0	0	636	156	21	2	2	0.01	5.51	0
CO16211	CO16210	6.50	2 1-	4ACSR	0	0	631	156	21	2	2	0.01	5.52	0
CO16077	CO16211	6.55	1 1-	4ACSR	0	0	625	155	9	1	1	0.00	5.52	0
CO16212	CO16211	6.56	1 1-	4ACSR	0	0	623	155	12	1	1	0.00	5.52	0
CO16078	CO16208	6.41	1 1-	4ACSR	0	0	644	157	7	1	1	0.00	5.50	0
CO16076	CO16044	5.96	1 1-	4ACSR	0	0	711	161	15	2	1	0.01	4.81	0
CO16075	CO16044	5.87	1 1-	4ACSR	0	0	724	162	14	2	1	0.00	4.81	0
CO16224	CO16043	5.64	2 1-	4ACSR	0	0	763	164	11	1	1	0.01	4.20	0
CO16225	CO16224	5.67	2 1-	4ACSR	0	0	757	164	11	1	1	0.00	4.20	0
CO16222	CO16225	5.76	1 1-	4ACSR	0	0	743	163	0	0	0	0.00	4.20	0
CO16223	CO16222	5.88	1 1-	4ACSR	0	0	723	162	0	0	0	0.00	4.20	0
CO16072	CO16223	6.09	1 1-	4ACSR	0	0	689	160	0	0	0	0.00	4.20	0
CO16261	CO16223	5.88	0 1-	4ACSR	0	0	722	162	0	0	0	0.00	4.20	0
CO16203	CO16202	5.33	2 1-	4ACSR	0	0	819	168	8	1	1	0.00	3.68	0
CO16204	CO16203	5.40	1 1-	4ACSR	0	0	806	167	4	0	0	0.00	3.69	0
CO16069+	CO17187	4.10	2 1-	4ACSR	0	0	1477	331	17	1	1	0.00	1.71	0
CO15517+	CO15161	3.04	8 1-	4ACSR	0	0	1718	338	49	3	2	0.00	1.32	0
OC458+	CO15517	3.04	8 1-	10 N FUSE	0	0	1718	338	49	3	33	0.00	1.32	0
CO15518+	OC458	3.22	8 1-	4ACSR	0	0	1647	334	49	3	2	0.01	1.33	0
CO15264+	CO15518	3.31	7 1-	4ACSR	0	0	1611	332	32	2	2	0.00	1.34	0
CO15268+	CO15264	3.41	7 1-	4ACSR	0	0	1576	330	32	2	2	0.00	1.34	0
CO15265+	CO15268	3.50	5 1-	4ACSR	0	0	1542	328	29	1	1	0.00	1.35	0
CO15267+	CO15265	3.52	3 1-	4ACSR	0	0	1535	328	26	1	1	0.00	1.35	0
CO15266+	CO15267	3.58	3 1-	4ACSR	0	0	1515	327	26	1	1	0.00	1.35	0
CO17189+	CO15266	3.72	1 1-	2ACSR	0	0	1475	325	0	0	0	0.00	1.35	0
CO15405+	CO15294	2.38	3 1-	4ACSR	0	0	1901	342	48	3	2	0.00	1.05	0
CO15404+	CO15405	2.48	1 1-	4ACSR	0	0	1852	339	17	1	1	0.00	1.06	0
CO15192+	CO15163	2.12	1 1-	4ACSR	0	0	1990	344	10	0	0	0.00	0.95	0
CO17185+	CO17243	2.05	4 1-	4ACSR	0	0	2007	343	33	2	2	0.00	0.90	0
CO15933+	CO17185	2.13	1 1-	4ACSR	0	0	1963	341	0	0	0	0.00	0.90	0
CO15885+	CO17185	2.10	1 1-	4ACSR	0	0	1977	342	18	1	1	0.00	0.90	0
CO15884+	CO15870	1.84	1 1-	4ACSR	0	0	2070	343	15	0	1	0.00	0.78	0
CO15883+	CO15870	1.71	2 1-	4ACSR	0	0	2144	346	15	1	1	0.00	0.78	0
CO17191+	CO15935	1.62	2 1-	4ACSR	0	0	2180	347	20	1	1	0.00	0.74	0
CO15409+	CO17191	1.67	1 1-	4ACSR	0	0	2154	346	0	0	0	0.00	0.74	0
CO15454+	CO15176	1.14	6 1-	4ACSR	0	0	2400	350	41	2	2	0.00	0.53	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15453+	CO15454	1.29	1 1-	4ACSR	0	0	2296	347	18	1	1	0.00	0.54	0
CO15455+	CO15363	0.86	2 1-	4ACSR	0	0	2510	349	5	0	0	0.00	0.33	0
CO15457+	CO15455	1.00	1 1-	4ACSR	0	0	2399	346	5	0	0	0.00	0.33	0
CO15456+	CO15457	1.03	1 1-	4ACSR	0	0	2373	345	5	0	0	0.00	0.33	0
CO15239+	CO15363	0.81	1 1-	4ACSR	0	0	2548	350	0	0	0	0.00	0.33	0
CO15253+	CO15364	0.71	1 1-	4ACSR	0	0	2616	351	8	0	0	0.00	0.30	0
CO15504+	CO15175	0.63	3 1-	4ACSR	0	0	2658	352	27	1	1	0.00	0.26	0
CO15503+	CO15504	0.64	2 1-	4ACSR	0	0	2650	351	27	1	1	0.00	0.26	0
CO15505+	CO15503	0.70	2 1-	4ACSR	0	0	2599	350	27	1	1	0.00	0.26	0
CO15263+	CO15505	0.74	1 1-	4ACSR	0	0	2571	349	0	0	0	0.00	0.26	0
CO15256+	CO15505	0.72	1 1-	1/0PRIURD	0	0	2589	861	27	1	1	0.00	0.26	0
CO15232+	CO15348	0.19	0 3-	1/0PRIURD	2983	2989	2981	906	0	0	0	0.00	0.08	0
CO15509+	CO15507	0.01	488 3-	750 MCM - 42 Wi	3060	3096	3114	357	5501	124	11	0.00	0.01	5
Mt. Carmel+	CO15509	0.01	488 3-	VWVE	3060	3096	3114	357	5501	124	16	0.00	0.01	0
CO15344+	Mt. Carmel	0.04	488 3-	4/0ACSR	3045	3074	3090	357	5501	124	37	0.02	0.03	137
CO15341+	CO15344	0.21	488 3-	4/0ACSR	2963	2969	2964	356	5501	124	37	0.11	0.13	748
CO15343+	CO15341	0.36	488 3-	4/0ACSR	2891	2888	2857	355	5497	124	37	0.10	0.23	680
CO-1789146758+	CO15343	0.39	0 1-	2ACSR	0	0	2836	355	0	0	0	0.00	0.23	0
CO15342+	CO15343	0.40	487 3-	4/0ACSR	2874	2868	2832	355	5487	124	37	0.02	0.25	165
CO15230+	CO15342	0.45	1 1-	4ACSR	0	0	2784	354	18	1	1	0.00	0.26	0
OC-332258621+	CO15230	0.45	0 1-	20 N FUSE	0	0	2784	354	0	0	0	0.00	0.26	0
CO15346+	CO15342	0.48	486 3-	4/0ACSR	2839	2828	2780	354	5469	124	37	0.05	0.30	349
CO15345+	CO15346	0.55	486 3-	4/0ACSR	2809	2795	2737	354	5467	124	37	0.04	0.35	293
CO15391+	CO15345	0.58	482 3-	4/0ACSR	2793	2777	2714	354	5406	122	36	0.02	0.37	161
CO17174+	CO15391	0.66	476 3-	4/0ACSR	2759	2737	2665	353	4312	97	29	0.04	0.41	222
CO15991+	CO17174	1.10	475 3-	4/0ACSR	2582	2539	2422	351	4311	97	29	0.22	0.63	1213
CO15992+	CO15991	1.26	475 3-	4/0ACSR	2526	2477	2348	350	4305	97	29	0.07	0.70	417
CO15993+	CO15992	1.47	475 3-	4/0ACSR	2450	2393	2250	348	4303	97	29	0.11	0.81	591
CO15994+	CO15993	1.59	475 3-	4/0ACSR	2411	2350	2200	347	4300	97	29	0.06	0.87	320
CO15872+	CO15994	1.68	472 3-	4/0ACSR	2380	2316	2161	347	4283	97	29	0.05	0.91	259
CO15986+	CO15872	1.72	468 3-	4/0ACSR	2367	2302	2146	347	4256	96	28	0.02	0.93	102
CO15987+	CO15986	2.38	468 3-	4/0ACSR	2172	2091	1910	342	4256	96	28	0.32	1.25	1770
SW1019572393-B+	CO15987	2.38	467 3-	Closed	2172	2091	1910	342	4238	96	0	0.00	1.25	0
SW1019572393-A+	SW1019572393-B	2.38	467 3-	Closed	2172	2091	1910	342	4238	96	0	0.00	1.25	0
CO15988+	SW1019572393-A	2.54	467 3-	4/0ACSR	2127	2043	1858	341	4238	96	28	0.08	1.33	448
CO15978+	CO15988	2.69	0 3-	1/0CU	2088	2002	1813	340	0	0	0	0.00	1.33	0
CO16021+	CO15978	2.70	0 3-	1/0CU	2087	2000	1811	340	0	0	0	0.00	1.33	0
OH329+	CO16021	2.70	0 3-	1/0CU	2087	2000	1811	340	0	0	0	0.00	1.33	0
OC484+	OH329	2.70	0 3-	70 E OCR	2087	2000	1811	340	0	0	0	0.00	1.33	0
CO15995+	CO15988	2.69	465 3-	1/0CU	2088	2002	1813	340	4194	95	31	0.08	1.42	497
CO15996+	CO15995	2.81	465 3-	1/0CU	2060	1972	1781	340	4192	95	31	0.06	1.48	373
CO15888+	CO15996	2.89	2 1-	4ACSR	0	0	1745	338	0	0	0	0.00	1.48	0
OC-1642283008+	CO15888	2.89	0 1-	20 N FUSE	0	0	1745	338	0	0	0	0.00	1.48	0
CO15873+	CO15996	2.92	460 3-	1/0CU	2034	1944	1752	339	4183	95	31	0.06	1.54	350
CO15889+	CO15873	2.96	1 1-	4ACSR	0	0	1732	338	15	1	1	0.00	1.54	0
OC-1138763849+	CO15889	2.96	0 1-	20 N FUSE	0	0	1732	338	0	0	0	0.00	1.54	0
CO16000+	CO15873	2.97	459 3-	1/0CU	2022	1931	1738	338	4166	95	31	0.03	1.57	169
OC-1705021203+	CO16000	2.97	458 3-	20 N FUSE	2022	1931	1738	338	4155	94	475	0.00	1.57	0
CO16001+	OC-1705021203	2.99	458 3-	1/0CU	2017	1927	1733	338	4155	94	31	0.01	1.58	60
CO16002+	CO16001	3.01	457 3-	1/0CU	2012	1921	1726	338	4151	94	31	0.01	1.59	78
CO16008+	CO16002	3.04	452 3-	1/0CU	2005	1914	1719	338	4113	93	30	0.02	1.61	90

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16009+	CO16008	3.11	449 3-	1/0CU	1988	1896	1700	337	4094	93	30	0.04	1.65	224
CO16010+	CO16009	3.12	446 3-	1/0CU	1985	1893	1697	337	4066	92	30	0.01	1.65	41
CO15874+	CO16010	3.48	442 3-	1/0CU	1906	1810	1610	335	4025	91	30	0.19	1.85	1091
CO17196+	CO15874	3.49	0 3-	1/0CU	1905	1808	1608	335	0	0	0	0.00	1.85	0
CO30675+	CO15874	4.21	439 3-	1/0CU	1762	1661	1457	329	3986	91	29	0.38	2.23	2161
CO15702+	CO30675	4.36	1 1-	4ACSR	0	0	1413	326	0	0	0	0.00	2.23	0
OC98880666+	CO15702	4.36	1 1-	20 N FUSE	0	0	1413	326	0	0	0	0.00	2.23	0
CO15746+	OC98880666	4.44	1 1-	4ACSR	0	0	1388	325	0	0	0	0.00	2.23	0
CO15747+	CO15746	4.66	1 1-	4ACSR	0	0	1326	320	0	0	0	0.00	2.23	0
CO15528+	CO30675	4.45	438 3-	1/0CU	1720	1617	1413	328	3976	91	29	0.12	2.35	706
CO15809+	CO15528	4.47	1 1-	4ACSR	0	0	1407	327	2	0	0	0.00	2.35	0
OC-368959662+	CO15809	4.47	0 1-	20 N FUSE	0	0	1407	327	0	0	0	0.00	2.35	0
CO15810+	OC-368959662	4.49	0 1-	4ACSR	0	0	1402	327	0	0	0	0.00	2.35	0
CO15529+	CO15528	4.56	437 3-	1/0CU	1700	1597	1393	327	3971	91	29	0.06	2.41	335
CO15586+	CO15529	4.61	2 1-	4ACSR	0	0	1379	326	13	0	1	0.00	2.41	0
OC-1226931452+	CO15586	4.61	0 1-	20 N FUSE	0	0	1379	326	0	0	0	0.00	2.41	0
CO15562+	CO15529	4.62	2 1-	4ACSR	0	0	1376	326	7	0	0	0.00	2.41	0
OC63376258+	CO15562	4.62	0 1-	20 N FUSE	0	0	1376	326	0	0	0	0.00	2.41	0
CO15530+	CO15529	4.68	427 3-	1/0CU	1679	1575	1372	326	3900	89	29	0.06	2.48	354
FD-527721729+	CO15530	4.68	344 3-	_DefaultBayEqui	1679	1575	1372	326	3372	77	0	0.00	2.48	0
CO15535+	FD-527721729	4.81	344 3-	1/0ACSR	1653	1549	1347	325	3372	77	34	0.08	2.56	421
OC-527721729+	CO15535	4.81	342 3-	20 N FUSE	1653	1549	1347	325	3358	76	385	0.00	2.56	0
CO15721+	OC-527721729	4.86	341 3-	1/0ACSR	1643	1539	1337	324	3357	76	33	0.03	2.59	171
CO15722+	CO15721	5.13	340 3-	1/0ACSR	1590	1485	1286	322	3348	76	33	0.18	2.77	917
CO15666+	CO15722	5.20	2 1-	4ACSR	0	0	1267	320	7	0	0	0.00	2.77	0
OC301652424+	CO15666	5.20	2 1-	20 N FUSE	0	0	1267	320	7	0	2	0.00	2.77	0
CO15667+	OC301652424	5.27	2 1-	4ACSR	0	0	1252	319	7	0	0	0.00	2.77	0
CO15668+	CO15667	5.32	1 1-	4ACSR	0	0	1240	318	0	0	0	0.00	2.77	0
CO15723+	CO15722	5.22	337 3-	1/0ACSR	1572	1466	1268	321	3322	76	33	0.06	2.84	326
CO15724+	CO15723	5.35	336 3-	1/0ACSR	1548	1442	1246	319	3318	76	33	0.08	2.92	429
FD976460162+	CO15724	5.35	296 3-	_DefaultBayEqui	1548	1442	1246	319	1693	38	0	0.00	2.92	0
CO15536+	FD976460162	5.56	296 3-	1/0ACSR	1511	1405	1211	317	1693	38	17	0.06	2.98	176
OC976460162+	CO15536	5.56	293 3-	20 N FUSE	1511	1405	1211	317	1668	37	189	0.00	2.98	0
CO15725+	OC976460162	5.60	293 3-	1/0ACSR	1505	1399	1205	317	1668	37	16	0.01	2.99	28
CO15726+	CO15725	5.79	292 3-	1/0ACSR	1472	1365	1174	315	1662	37	16	0.06	3.05	160
CO15727+	CO15726	5.85	290 3-	1/0ACSR	1463	1357	1166	315	1652	37	16	0.02	3.07	42
CO15572+	CO15727	6.00	1 1-	4ACSR	0	0	1135	312	0	0	0	0.00	3.07	0
OC1775540762+	CO15572	6.00	0 1-	20 N FUSE	0	0	1135	312	0	0	0	0.00	3.07	0
CO15537+	CO15727	5.95	289 3-	1/0ACSR	1447	1342	1151	314	1652	37	16	0.03	3.10	80
CO30617+	CO15537	6.02	280 3-	1/0ACSR	1435	1331	1140	313	1604	36	16	0.02	3.12	58
OC-689543905+	CO30617	6.02	278 3-	70 E OCR	1435	1331	1140	313	1594	36	52	0.00	3.12	0
CO25500+	OC-689543905	6.13	278 3-	1/0ACSR	1419	1316	1125	312	1594	36	16	0.03	3.15	78
CO25501+	CO25500	6.15	278 3-	1/0ACSR	1414	1312	1121	312	1593	36	16	0.01	3.16	21
CO25457+	CO25501	6.44	0 1-	4ACSR	0	0	1068	307	0	0	0	0.00	3.16	0
OC1743277181+	CO25457	6.44	0 1-	20 N FUSE	0	0	1068	307	0	0	0	0.00	3.16	0
CO25446+	CO25501	6.36	278 3-	1/0ACSR	1383	1284	1093	310	1593	36	16	0.06	3.22	156
CO25447+	CO25446	6.40	277 3-	1/0ACSR	1377	1278	1087	310	1587	36	16	0.01	3.23	31
CO25575+	CO25447	6.44	2 1-	4ACSR	0	0	1081	309	21	1	1	0.00	3.23	0
OC-997791953+	CO25575	6.44	1 1-	20 N FUSE	0	0	1081	309	5	0	2	0.00	3.23	0
CO25576+	OC-997791953	6.46	1 1-	4ACSR	0	0	1076	308	5	0	0	0.00	3.23	0
CO25448+	CO25447	6.52	275 3-	1/0ACSR	1360	1263	1072	309	1567	35	15	0.03	3.27	83
CO25449+	CO25448	6.61	269 3-	1/0ACSR	1347	1251	1061	308	1517	34	15	0.03	3.29	63

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25683+	CO25449	6.62	2 1-	4ACSR	0	0	1059	307	11	0	1	0.00	3.29	0
CO25684+	CO25683	6.65	2 1-	4ACSR	0	0	1053	307	11	0	1	0.00	3.29	0
OC1589983757+	CO25684	6.65	1 1-	20 N FUSE	0	0	1053	307	1	0	0	0.00	3.29	0
CO25614+	OC1589983757	6.75	1 1-	4ACSR	0	0	1036	305	1	0	0	0.00	3.29	0
CO25495+	CO25449	6.69	2 1-	4ACSR	0	0	1046	306	3	0	0	0.00	3.29	0
OC-202106579+	CO25495	6.69	0 1-	20 N FUSE	0	0	1046	306	0	0	0	0.00	3.29	0
CO25450+	CO25449	6.71	265 3-	1/0ACSR	1333	1238	1048	307	1503	34	15	0.03	3.32	65
CO25451+	CO25450	6.83	263 3-	1/0ACSR	1316	1223	1033	306	1491	33	15	0.03	3.35	81
CO25496+	CO25451	7.11	0 1-	4ACSR	0	0	987	301	0	0	0	0.00	3.35	0
OC-231746278+	CO25496	7.11	0 1-	20 N FUSE	0	0	987	301	0	0	0	0.00	3.35	0
CO25452+	CO25451	7.07	261 3-	1/0ACSR	1285	1194	1005	304	1490	33	15	0.06	3.41	155
CO25453+	CO25452	7.18	257 3-	1/0ACSR	1270	1181	992	303	1459	33	14	0.03	3.44	73
CO25498+	CO25453	7.26	1 1-	4ACSR	0	0	980	301	5	0	0	0.00	3.44	0
OC48824893+	CO25498	7.26	0 1-	20 N FUSE	0	0	980	301	0	0	0	0.00	3.44	0
CO25454+	CO25453	7.22	256 3-	1/0ACSR	1265	1176	988	302	1454	33	14	0.01	3.45	25
CO25544+	CO25454	7.31	239 3-	1/0ACSR	1255	1167	979	301	1394	31	14	0.02	3.47	49
CO25545+	CO25544	7.41	239 3-	1/0ACSR	1242	1155	968	300	1394	31	14	0.03	3.50	59
CO25427+	CO25545	7.50	238 3-	4ACSR	1225	1141	954	299	1393	31	23	0.06	3.56	137
CO25460+	CO25427	7.57	2 1-	4ACSR	0	0	944	298	5	0	0	0.00	3.56	0
OC-1653551081+	CO25460	7.57	0 1-	20 N FUSE	0	0	944	298	0	0	0	0.00	3.56	0
CO25428+	CO25427	7.75	236 3-	1/0ACSR	1196	1114	929	297	1388	31	14	0.06	3.62	141
CO25429+	CO25428	7.96	235 3-	1/0ACSR	1173	1093	909	295	1387	31	14	0.05	3.67	119
CO25463+	CO25429	8.02	1 1-	4ACSR	0	0	900	294	4	0	0	0.00	3.67	0
OC-374955161+	CO25463	8.02	0 1-	20 N FUSE	0	0	900	294	0	0	0	0.00	3.67	0
CO25430+	CO25429	8.06	234 3-	1/0ACSR	1161	1083	899	294	1383	32	14	0.03	3.70	64
CO25665+	CO25430	8.07	69 3-	1/0ACSR	1161	1082	898	294	442	10	5	0.00	3.70	0
CO25666+	CO25665	8.15	69 3-	1/0ACSR	1152	1074	891	293	442	10	5	0.01	3.71	5
CO25661+	CO25666	8.30	67 3-	1/0ACSR	1136	1060	877	292	436	10	4	0.01	3.72	9
OCD242+	CO25661	8.30	67 3-	50 L OCR	1136	1060	877	292	436	10	0	0.00	3.72	0
CO25431+	OCD242	8.46	65 3-	1/0ACSR	1120	1045	864	291	411	9	4	0.01	3.74	9
CO25464+	CO25431	8.55	1 1-	4ACSR	0	0	853	289	4	0	0	0.00	3.74	0
CO25593+	CO25431	8.64	64 3-	1/0ACSR	1102	1028	848	289	408	9	4	0.02	3.75	10
CO25594+	CO25593	8.67	63 3-	1/0ACSR	1099	1026	846	289	408	9	4	0.00	3.75	0
CO30371+	CO25594	8.82	61 3-	1/0ACSR	1084	1012	833	288	407	9	4	0.01	3.77	8
CO25858+	CO30371	8.92	61 3-	1/0ACSR	1075	1004	826	287	407	9	4	0.01	3.78	5
CO25859+	CO25858	9.00	60 3-	1/0ACSR	1068	997	820	286	394	9	4	0.01	3.78	4
CO26042+	CO25859	9.01	29 1-	4ACSR	0	0	819	286	171	12	9	0.00	3.78	0
CO30370+	CO26042	9.21	29 1-	4ACSR	0	0	797	283	171	12	9	0.06	3.84	16
CO25516+	CO30370	9.27	1 1-	4ACSR	0	0	791	282	11	0	1	0.00	3.84	0
CO25517+	CO25516	9.30	1 1-	4ACSR	0	0	788	282	11	0	1	0.00	3.84	0
CO25592+	CO30370	9.40	28 1-	4ACSR	0	0	777	280	159	11	8	0.05	3.89	13
CO25518+	CO25592	9.59	2 1-	2ACSR	0	0	761	278	18	1	1	0.00	3.89	0
CO25519+	CO25518	9.67	1 1-	2ACSR	0	0	755	277	2	0	0	0.00	3.89	0
CO25591+	CO25592	9.48	26 1-	4ACSR	0	0	769	279	142	10	7	0.02	3.91	4
CO25590+	CO25591	9.59	25 1-	4ACSR	0	0	758	277	138	9	7	0.02	3.93	6
CO-1981786639+	CO25590	9.75	0 1-	2ACSR	0	0	745	275	0	0	0	0.00	3.93	0
CO25526+	CO25590	9.63	12 1-	4ACSR	0	0	754	277	85	6	4	0.00	3.94	0
OC484639549+	CO25526	9.63	10 1-	20 N FUSE	0	0	754	277	68	4	24	0.00	3.94	0
CO25525+	OC484639549	9.67	10 1-	4ACSR	0	0	750	276	68	4	3	0.01	3.94	0
CO25580+	CO25525	9.72	10 1-	4ACSR	0	0	744	275	68	4	3	0.01	3.95	0
CO25579+	CO25580	9.80	10 1-	4ACSR	0	0	737	274	68	4	3	0.01	3.96	0
CO25524+	CO25579	9.95	8 1-	4ACSR	0	0	723	272	55	3	3	0.01	3.97	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25522+	CO25524	9.99	1 1-	4ACSR	0	0	720	271	2	0	0	0.00	3.97	0
CO30357+	CO25522	10.05	1 1-	4ACSR	0	0	715	270	2	0	0	0.00	3.97	0
CO25523+	CO25524	9.98	6 1-	4ACSR	0	0	720	271	47	3	2	0.00	3.97	0
CO30358+	CO25523	10.08	6 1-	4ACSR	0	0	712	270	47	3	2	0.01	3.98	0
CO25736+	CO30358	10.17	3 1-	4ACSR	0	0	703	269	18	1	1	0.00	3.98	0
CO967116347+	CO25736	10.24	1 1-	2ACSR	0	0	699	268	4	0	0	0.00	3.98	0
CO25735+	CO30358	10.12	2 1-	4ACSR	0	0	708	269	22	1	1	0.00	3.98	0
CO25734+	CO30358	10.15	1 1-	4ACSR	0	0	706	269	7	0	0	0.00	3.98	0
CO25507+	CO25590	9.73	12 1-	4ACSR	0	0	744	275	53	3	3	0.01	3.95	0
CO25506+	CO25507	9.78	12 1-	4ACSR	0	0	739	274	53	3	3	0.00	3.95	0
CO25587+	CO25506	9.87	12 1-	4ACSR	0	0	731	273	53	3	3	0.01	3.96	0
CO25586+	CO25587	10.15	12 1-	4ACSR	0	0	706	269	53	3	3	0.02	3.98	0
OC-2138495312+	CO25586	10.15	7 1-	20 N FUSE	0	0	706	269	36	2	13	0.00	3.98	0
CO25585+	OC-2138495312	10.17	7 1-	4ACSR	0	0	704	269	36	2	2	0.00	3.98	0
CO25584+	CO25585	10.28	7 1-	4ACSR	0	0	694	267	36	2	2	0.01	3.99	0
CO25613+	CO25584	10.43	7 1-	4ACSR	0	0	681	265	36	2	2	0.01	4.00	0
CO25612+	CO25613	10.58	6 1-	4ACSR	0	0	669	263	36	2	2	0.01	4.01	0
CO25511+	CO25612	10.69	2 1-	4ACSR	0	0	660	261	5	0	0	0.00	4.01	0
CO25512+	CO25511	10.79	1 1-	4ACSR	0	0	653	260	0	0	0	0.00	4.01	0
CO25514+	CO25612	10.63	2 1-	4ACSR	0	0	665	262	16	1	1	0.00	4.01	0
CO25513+	CO25514	10.68	0 1-	4ACSR	0	0	662	262	0	0	0	0.00	4.01	0
CO25494+	CO25514	10.66	1 1-	4ACSR	0	0	663	262	14	0	1	0.00	4.01	0
CO25508+	CO25586	10.22	4 1-	4ACSR	0	0	699	268	17	1	1	0.00	3.98	0
CO25510+	CO25508	10.29	1 1-	4ACSR	0	0	693	267	5	0	0	0.00	3.98	0
CO25509+	CO25508	10.45	1 1-	4ACSR	0	0	680	265	0	0	0	0.00	3.98	0
CO25860+	CO25859	9.11	31 3-	1/0ACSR	1058	988	811	285	223	5	2	0.01	3.79	0
CO25861+	CO25860	9.13	30 3-	1/0ACSR	1056	986	810	285	210	4	2	0.00	3.79	0
CO1441870797+	CO25861	9.29	12 1-	2ACSR	0	0	796	283	110	7	4	0.02	3.81	3
CO1623850975+	CO1441870797	9.33	2 1-	2ACSR	0	0	792	283	13	0	1	0.00	3.81	0
CO-383683286+	CO1441870797	9.45	10 1-	2ACSR	0	0	782	282	96	6	4	0.02	3.83	3
CO30379+	CO-383683286	9.50	10 1-	4ACSR	0	0	777	281	96	6	5	0.01	3.83	0
CO26122+	CO30379	9.54	10 1-	4ACSR	0	0	773	280	96	6	5	0.01	3.84	0
CO26121+	CO26122	9.58	7 1-	4ACSR	0	0	769	280	80	5	4	0.00	3.84	0
CO26097+	CO26121	9.61	4 1-	4ACSR	0	0	766	279	26	1	1	0.00	3.85	0
CO-442552402+	CO26097	9.67	1 1-	2ACSR	0	0	761	279	6	0	0	0.00	3.85	0
CO26098+	CO26097	9.67	2 1-	4ACSR	0	0	760	278	10	0	0	0.00	3.85	0
CO26076+	CO26097	9.64	1 1-	4ACSR	0	0	762	279	10	0	1	0.00	3.85	0
CO26125+	CO26121	9.77	2 1-	4ACSR	0	0	750	277	35	2	2	0.01	3.85	0
CO26126+	CO26125	9.88	1 1-	4ACSR	0	0	740	275	16	1	1	0.00	3.86	0
CO26088+	CO26126	9.93	1 1-	4ACSR	0	0	735	274	16	1	1	0.00	3.86	0
CO1651727311+	CO26088	9.94	0 1-	2ACSR	0	0	734	274	0	0	0	0.00	3.86	0
CO26089+	CO26088	9.99	0 1-	4ACSR	0	0	729	273	0	0	0	0.00	3.86	0
CO26123+	CO26121	9.68	1 1-	4ACSR	0	0	759	278	19	1	1	0.00	3.85	0
CO26124+	CO26123	9.72	0 1-	4ACSR	0	0	755	278	0	0	0	0.00	3.85	0
CO25863+	CO25861	9.21	18 1-	4ACSR	0	0	801	284	101	7	5	0.01	3.80	0
CO25864+	CO25863	9.24	16 1-	4ACSR	0	0	798	283	95	6	5	0.00	3.80	0
OC1569802286+	CO25864	9.24	16 1-	20 N FUSE	0	0	798	283	95	6	34	0.00	3.80	0
CO25865+	OC1569802286	9.41	16 1-	4ACSR	0	0	780	281	95	6	5	0.03	3.83	4
CO25866+	CO25865	9.49	15 1-	4ACSR	0	0	772	280	89	6	5	0.01	3.84	0
CO25826+	CO25866	9.55	2 1-	4ACSR	0	0	766	279	6	0	0	0.00	3.84	0
CO-1343131441+	CO25826	9.72	1 1-	2ACSR	0	0	752	277	0	0	0	0.00	3.84	0
CO25867+	CO25866	9.62	13 1-	4ACSR	0	0	758	278	83	5	4	0.02	3.86	2

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25868+	CO25867	9.74	13 1-	4ACSR	0	0	747	276	83	5	4	0.01	3.88	0
CO25869+	CO25868	9.77	12 1-	4ACSR	0	0	745	275	69	4	3	0.00	3.88	0
CO25870+	CO25869	9.80	12 1-	2ACSR	0	0	742	275	69	4	3	0.00	3.88	0
CO25849+	CO25870	9.86	1 1-	2ACSR	0	0	737	274	4	0	0	0.00	3.88	0
CO25871+	CO25870	9.85	11 1-	2ACSR	0	0	738	274	65	4	3	0.00	3.89	0
CO25872+	CO25871	10.02	11 1-	4ACSR	0	0	723	272	65	4	3	0.02	3.90	0
CO25873+	CO25872	10.07	10 1-	4ACSR	0	0	718	271	51	3	3	0.00	3.91	0
CO25874+	CO25873	10.16	10 1-	4ACSR	0	0	710	270	51	3	3	0.01	3.91	0
CO25875+	CO25874	10.26	10 1-	4ACSR	0	0	701	269	51	3	3	0.01	3.92	0
CO25828+	CO25875	10.49	1 1-	4ACSR	0	0	682	265	0	0	0	0.00	3.92	0
CO25878+	CO25875	10.29	5 1-	4ACSR	0	0	699	268	32	2	2	0.00	3.92	0
CO25879+	CO25878	10.31	4 1-	4ACSR	0	0	697	268	32	2	2	0.00	3.92	0
CO25880+	CO25879	10.41	3 1-	4ACSR	0	0	688	266	28	1	1	0.00	3.93	0
CO25881+	CO25880	10.52	2 1-	4ACSR	0	0	679	265	23	1	1	0.00	3.93	0
CO26040+	CO25881	10.62	2 1-	4ACSR	0	0	671	264	23	1	1	0.00	3.93	0
CO26041+	CO26040	10.68	1 1-	4ACSR	0	0	667	263	10	0	1	0.00	3.94	0
CO25882+	CO26041	10.75	1 1-	4ACSR	0	0	661	262	10	0	1	0.00	3.94	0
CO25876+	CO25875	10.34	3 1-	4ACSR	0	0	695	268	10	0	1	0.00	3.92	0
CO25877+	CO25876	10.39	1 1-	4ACSR	0	0	690	267	4	0	0	0.00	3.92	0
CO25595+	OCD242	8.36	2 1-	4ACSR	0	0	870	291	24	1	1	0.00	3.72	0
CO25596+	CO25595	8.38	1 1-	4ACSR	0	0	868	291	17	1	1	0.00	3.72	0
CO25597+	CO25430	8.25	165 3-	1/0ACSR	1142	1065	882	292	940	22	10	0.04	3.74	52
CO30438+	CO25597	8.32	163 3-	1/0ACSR	1134	1058	875	292	935	22	10	0.02	3.75	21
CO25946+	CO30438	8.35	163 3-	1/0ACSR	1132	1056	873	292	935	22	10	0.00	3.76	6
CO25852+	CO25946	8.41	1 1-	4ACSR	0	0	866	291	0	0	0	0.00	3.76	0
OC1743433517+	CO25852	8.41	0 1-	20 N FUSE	0	0	866	291	0	0	0	0.00	3.76	0
CO25822+	CO25946	8.55	161 3-	1/0ACSR	1111	1037	856	290	925	21	10	0.04	3.80	55
CO25821+	CO25822	8.59	160 3-	1/0ACSR	1107	1033	853	290	914	21	9	0.01	3.80	12
CO26060+	CO25821	8.71	160 3-	1/0ACSR	1095	1022	842	289	914	21	9	0.02	3.83	33
CO26061+	CO26060	8.74	159 3-	1/0ACSR	1092	1019	840	288	905	21	9	0.01	3.83	7
CO25944+	CO26061	8.80	159 3-	1/0ACSR	1086	1014	835	288	905	21	9	0.01	3.85	16
CO25945+	CO25944	9.01	159 3-	1/0ACSR	1067	997	819	286	905	21	9	0.04	3.89	54
CO25943+	CO25945	9.20	159 3-	1/0ACSR	1050	981	805	285	905	21	9	0.04	3.92	50
CO25809+	CO25943	9.39	1 1-	4ACSR	0	0	785	282	0	0	0	0.00	3.92	0
OC-73915280+	CO25809	9.39	1 1-	20 N FUSE	0	0	785	282	0	0	0	0.00	3.92	0
CO25942+	OC-73915280	9.47	1 1-	4ACSR	0	0	776	280	0	0	0	0.00	3.92	0
CO26032+	CO25942	9.61	1 1-	4ACSR	0	0	761	278	0	0	0	0.00	3.92	0
CO26033+	CO26032	9.85	0 1-	4ACSR	0	0	739	275	0	0	0	0.00	3.92	0
CO25824+	OC-73915280	9.44	0 1-	4ACSR	0	0	779	281	0	0	0	0.00	3.92	0
CO26030+	CO25943	9.27	157 3-	1/0ACSR	1043	975	799	284	904	21	9	0.01	3.94	19
CO1477811033+	CO26030	9.31	0 1-	2ACSR	0	0	796	284	0	0	0	0.00	3.94	0
CO26031+	CO26030	9.36	155 3-	1/0ACSR	1036	968	793	283	888	21	9	0.02	3.95	22
CO25941+	CO26031	9.46	155 3-	1/0ACSR	1026	959	785	282	888	21	9	0.02	3.97	27
CO26059+	CO25941	9.79	154 3-	1/0ACSR	999	934	762	280	881	20	9	0.06	4.03	82
CO25936+	CO26059	9.85	153 3-	1/0ACSR	994	930	759	279	869	20	9	0.01	4.05	14
CO25937+	CO25936	9.90	3 1-	4ACSR	0	0	754	279	11	0	1	0.00	4.05	0
OC121742272+	CO25937	9.90	3 1-	20 N FUSE	0	0	754	279	11	0	4	0.00	4.05	0
CO25938+	OC121742272	9.93	3 1-	4ACSR	0	0	751	278	11	0	1	0.00	4.05	0
CO25939+	CO25938	10.12	2 1-	4ACSR	0	0	734	275	7	0	0	0.00	4.05	0
CO25940+	CO25939	10.17	1 1-	4ACSR	0	0	728	275	5	0	0	0.00	4.05	0
CO25935+	CO25936	9.86	150 3-	1/0ACSR	993	929	758	279	858	20	9	0.00	4.05	3
CO25947+	CO25935	10.06	46 1-	4ACSR	0	0	739	276	273	19	14	0.09	4.14	39

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25949+	CO25947	10.12	4 1-	4ACSR	0	0	734	275	15	1	1	0.00	4.14	0
CO25951+	CO25949	10.19	3 1-	4ACSR	0	0	728	274	11	0	1	0.00	4.14	0
OC-255682815+	CO25951	10.19	3 1-	20 N FUSE	0	0	728	274	11	0	4	0.00	4.14	0
CO25952+	OC-255682815	10.46	3 1-	4ACSR	0	0	704	270	11	0	1	0.00	4.14	0
CO25953+	CO25952	10.51	3 1-	4ACSR	0	0	699	270	11	0	1	0.00	4.14	0
CO25955+	CO25953	10.57	0 1-	2ACSR	0	0	695	269	0	0	0	0.00	4.14	0
CO25956+	CO25955	10.72	0 1-	2ACSR	0	0	685	268	0	0	0	0.00	4.14	0
CO25954+	CO25953	10.57	3 1-	4ACSR	0	0	694	269	11	0	1	0.00	4.14	0
CO25950+	CO25949	10.17	1 1-	4ACSR	0	0	729	275	4	0	0	0.00	4.14	0
CO25948+	CO25947	10.13	42 1-	4ACSR	0	0	733	275	258	18	13	0.03	4.17	13
CO26056+	CO25948	10.14	42 1-	4ACSR	0	0	732	275	258	18	13	0.00	4.17	0
OC782+	CO26056	10.14	42 1-	50 E OCR	0	0	732	275	258	18	36	0.00	4.17	0
CO26057+	OC782	10.24	42 1-	4ACSR	0	0	723	274	258	18	13	0.04	4.21	17
CO25957+	CO26057	10.31	41 1-	4ACSR	0	0	716	273	244	17	12	0.03	4.24	12
CO25958+	CO25957	10.54	38 1-	4ACSR	0	0	697	269	231	16	12	0.09	4.32	32
CO25959+	CO25958	10.77	38 1-	4ACSR	0	0	678	266	231	16	12	0.09	4.41	33
CO25960+	CO25959	10.96	38 1-	4ACSR	0	0	663	264	231	16	12	0.07	4.48	27
CO25812+	CO25960	11.05	5 1-	4ACSR	0	0	656	262	13	0	1	0.00	4.48	0
CO25835+	CO25812	11.13	1 1-	4ACSR	0	0	650	261	2	0	0	0.00	4.48	0
CO25834+	CO25812	11.17	4 1-	4ACSR	0	0	647	261	12	0	1	0.00	4.49	0
CO25813+	CO25812	11.13	0 1-	4ACSR	0	0	650	261	0	0	0	0.00	4.48	0
CO25965+	CO25960	11.11	32 1-	4ACSR	0	0	651	261	217	15	11	0.05	4.54	20
CO-127767589+	CO25965	11.18	1 1-	2ACSR	0	0	647	261	10	0	0	0.00	4.54	0
CO25966+	CO25965	11.16	29 1-	4ACSR	0	0	647	261	207	14	10	0.02	4.55	6
OC-1088878966+	CO25966	11.16	29 1-	20 N FUSE	0	0	647	261	207	14	73	0.00	4.55	0
CO25814+	OC-1088878966	11.22	27 1-	4ACSR	0	0	643	260	192	13	10	0.02	4.57	6
CO25969+	CO25814	11.27	4 1-	4ACSR	0	0	639	259	35	2	2	0.00	4.57	0
CO25970+	CO25969	11.32	2 1-	4ACSR	0	0	635	259	17	1	1	0.00	4.57	0
CO25971+	CO25814	11.26	23 1-	4ACSR	0	0	640	259	157	11	8	0.01	4.58	2
CO25972+	CO25971	11.29	22 1-	4ACSR	0	0	638	259	143	10	7	0.01	4.59	0
CO25975+	CO25972	11.36	19 1-	4ACSR	0	0	633	258	111	7	6	0.01	4.60	0
CO1839455595+	CO25975	11.45	0 1-	2ACSR	0	0	628	257	0	0	0	0.00	4.60	0
CO25976+	CO25975	11.42	18 1-	4ACSR	0	0	629	257	101	7	5	0.01	4.61	0
CO2111336863+	CO25976	11.44	17 1-	4ACSR	0	0	627	257	95	6	5	0.00	4.61	0
CO-1502077243+	CO2111336863	11.60	2 1-	2ACSR	0	0	618	256	22	1	1	0.00	4.61	0
CO1115157020+	CO2111336863	11.50	15 1-	4ACSR	0	0	623	256	73	5	4	0.01	4.62	0
CO25978+	CO1115157020	11.68	15 1-	4ACSR	0	0	610	254	73	5	4	0.02	4.64	3
CO25979+	CO25978	11.72	2 1-	4ACSR	0	0	608	254	13	0	1	0.00	4.64	0
CO25837+	CO25978	12.04	13 1-	4ACSR	0	0	587	249	60	4	3	0.03	4.67	3
CO25983+	CO25837	12.24	10 1-	4ACSR	0	0	575	247	56	3	3	0.02	4.69	0
CO25982+	CO25983	12.42	9 1-	4ACSR	0	0	564	245	49	3	2	0.01	4.71	0
CO25838+	CO25982	12.51	1 1-	4ACSR	0	0	559	244	8	0	0	0.00	4.71	0
CO30369+	CO25982	12.54	1 1-	4ACSR	0	0	557	243	1	0	0	0.00	4.71	0
CO25618+	CO30369	12.61	1 1-	4ACSR	0	0	553	243	1	0	0	0.00	4.71	0
CO25656+	CO25618	12.80	0 1-	4ACSR	0	0	543	241	0	0	0	0.00	4.71	0
CO30368+	CO25982	12.60	7 1-	4ACSR	0	0	554	243	40	2	2	0.01	4.72	0
OC-81701200+	CO30368	12.60	6 1-	20 N FUSE	0	0	554	243	38	2	13	0.00	4.72	0
CO25568+	OC-81701200	12.66	6 1-	4ACSR	0	0	551	242	38	2	2	0.00	4.72	0
CO25569+	CO25568	12.75	6 1-	4ACSR	0	0	546	241	38	2	2	0.01	4.73	0
CO25651+	CO25569	12.85	6 1-	4ACSR	0	0	540	240	38	2	2	0.01	4.73	0
CO25652+	CO25651	12.89	6 1-	4ACSR	0	0	538	240	38	2	2	0.00	4.73	0
CO30366+	CO25652	12.98	6 1-	4ACSR	0	0	533	239	38	2	2	0.01	4.74	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO25985+	CO30366	13.07	1 1-	4ACSR	0	0	529	238	8	0	0	0.00	4.74	0
CO25986+	CO25985	13.09	1 1-	4ACSR	0	0	527	237	8	0	0	0.00	4.74	0
CO25989+	CO25986	13.13	0 1-	4ACSR	0	0	525	237	0	0	0	0.00	4.74	0
CO25990+	CO25989	13.19	0 1-	4ACSR	0	0	523	236	0	0	0	0.00	4.74	0
CO25991+	CO25990	13.23	0 1-	4ACSR	0	0	520	236	0	0	0	0.00	4.74	0
CO25987+	CO25986	13.21	1 1-	4ACSR	0	0	522	236	8	0	0	0.00	4.74	0
CO25988+	CO25987	13.27	1 1-	4ACSR	0	0	518	235	8	0	0	0.00	4.74	0
CO25984+	CO30366	13.07	5 1-	4ACSR	0	0	528	237	30	2	1	0.00	4.74	0
CO30367+	CO25984	13.17	3 1-	4ACSR	0	0	523	236	19	1	1	0.00	4.74	0
CO25572+	CO30367	13.26	0 1-	4ACSR	0	0	519	235	0	0	0	0.00	4.74	0
CO25487+	CO25572	13.33	0 1-	4ACSR	0	0	515	235	0	0	0	0.00	4.74	0
CO25486+	CO25572	13.35	0 1-	4ACSR	0	0	514	234	0	0	0	0.00	4.74	0
CO25485+	CO25652	12.98	0 1-	4ACSR	0	0	533	239	0	0	0	0.00	4.73	0
CO25492+	CO25569	12.88	0 1-	4ACSR	0	0	539	240	0	0	0	0.00	4.73	0
CO25980+	CO25837	12.11	2 1-	4ACSR	0	0	583	249	2	0	0	0.00	4.67	0
CO25981+	CO25980	12.15	1 1-	4ACSR	0	0	581	248	0	0	0	0.00	4.67	0
CO25973+	CO25972	11.41	2 1-	4ACSR	0	0	629	257	19	1	1	0.00	4.59	0
CO25974+	CO25973	11.49	1 1-	4ACSR	0	0	624	256	10	0	1	0.00	4.59	0
CO25967+	OC-1088878966	11.20	2 1-	4ACSR	0	0	645	260	15	1	1	0.00	4.55	0
CO25968+	CO25967	11.24	0 1-	4ACSR	0	0	642	260	0	0	0	0.00	4.55	0
CO25961+	CO25960	11.05	1 1-	4ACSR	0	0	656	262	0	0	0	0.00	4.48	0
CO25962+	CO25961	11.12	1 1-	4ACSR	0	0	650	261	0	0	0	0.00	4.48	0
CO25963+	CO25962	11.20	0 1-	4ACSR	0	0	645	260	0	0	0	0.00	4.48	0
CO25964+	CO25963	11.25	0 1-	4ACSR	0	0	640	260	0	0	0	0.00	4.48	0
CO25932+	CO25935	9.95	104 3-	1/0ACSR	986	923	752	279	585	13	6	0.01	4.06	10
CO25933+	CO25932	10.07	104 3-	1/0ACSR	977	914	745	278	585	13	6	0.02	4.07	13
CO25934+	CO25933	10.31	104 3-	1/0ACSR	959	897	729	276	585	13	6	0.03	4.10	27
CO25931+	CO25934	10.37	104 3-	1/0ACSR	954	893	726	275	585	13	6	0.01	4.11	7
CO25929+	CO25931	10.41	1 1-	4ACSR	0	0	722	275	3	0	0	0.00	4.11	0
OC-324598107+	CO25929	10.41	0 1-	20 N FUSE	0	0	722	275	0	0	0	0.00	4.11	0
CO25930+	OC-324598107	10.44	0 1-	4ACSR	0	0	719	274	0	0	0	0.00	4.11	0
CO25928+	CO25931	10.45	103 3-	1/0ACSR	948	887	721	275	581	13	6	0.01	4.12	9
CO26046+	CO25928	10.46	26 1-	4ACSR	0	0	720	275	184	13	9	0.00	4.12	0
OC786+	CO26046	10.46	26 1-	35 L OCR	0	0	720	275	184	13	37	0.00	4.12	0
CO26045+	OC786	10.51	26 1-	4ACSR	0	0	716	274	184	13	9	0.01	4.14	4
CO25917+	CO26045	10.56	26 1-	4ACSR	0	0	711	273	184	13	9	0.02	4.15	5
CO25921+	CO25917	10.69	24 1-	4ACSR	0	0	700	271	176	12	9	0.04	4.19	11
CO25920+	CO25921	10.76	24 1-	4ACSR	0	0	694	270	176	12	9	0.02	4.21	6
CO25856+	CO25920	10.79	0 1-	4ACSR	0	0	692	270	0	0	0	0.00	4.21	0
CO25922+	CO25920	10.83	24 1-	4ACSR	0	0	688	269	176	12	9	0.02	4.23	6
CO25926+	CO25922	10.99	24 1-	4ACSR	0	0	675	267	176	12	9	0.05	4.28	13
CO25925+	CO25926	11.05	21 1-	4ACSR	0	0	671	266	168	11	9	0.02	4.30	4
CO25815+	CO25925	11.18	21 1-	4ACSR	0	0	661	264	168	11	9	0.03	4.33	9
CO25836+	CO25815	11.40	1 1-	4ACSR	0	0	644	261	4	0	0	0.00	4.33	0
CO25927+	CO25815	11.22	20 1-	4ACSR	0	0	658	264	165	11	8	0.01	4.34	4
CO30440+	CO25927	11.40	20 1-	4ACSR	0	0	645	261	165	11	8	0.05	4.39	13
CO28052+	CO30440	11.55	1 1-	4ACSR	0	0	634	259	11	0	1	0.00	4.39	0
CO28023+	CO30440	11.49	19 1-	4ACSR	0	0	638	260	153	10	8	0.02	4.41	6
CO28133+	CO28023	11.72	17 1-	4ACSR	0	0	622	257	149	10	8	0.05	4.47	12
OC674666626+	CO28133	11.72	15 1-	20 N FUSE	0	0	622	257	132	9	47	0.00	4.47	0
CO28132+	OC674666626	11.74	15 1-	4ACSR	0	0	620	257	132	9	7	0.01	4.47	0
CO28127+	CO28132	11.76	13 1-	4ACSR	0	0	619	257	121	8	6	0.00	4.48	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO28128+	CO28127	11.83	0 1-	2ACSR	0	0	615	256	0	0	0	0.00	4.48	0
CO28129+	CO28128	11.87	0 1-	2ACSR	0	0	613	256	0	0	0	0.00	4.48	0
CO28187+	CO28127	11.79	13 1-	4ACSR	0	0	617	256	121	8	6	0.01	4.48	0
CO28186+	CO28187	11.87	12 1-	4ACSR	0	0	612	255	107	7	5	0.01	4.49	2
CO28049+	CO28186	11.90	1 1-	4ACSR	0	0	610	255	10	0	1	0.00	4.49	0
CO28048+	CO28186	11.97	0 1-	4ACSR	0	0	605	254	0	0	0	0.00	4.49	0
CO28022+	CO28186	12.14	10 1-	4ACSR	0	0	594	252	86	6	4	0.04	4.53	6
CO28047+	CO28022	12.20	1 1-	4ACSR	0	0	590	251	8	0	0	0.00	4.53	0
CO28021+	CO28022	12.30	9 1-	4ACSR	0	0	584	250	78	5	4	0.02	4.55	3
OC-1029455965+	CO28021	12.30	9 1-	20 N FUSE	0	0	584	250	78	5	28	0.00	4.55	0
CO28125+	OC-1029455965	12.32	3 1-	4ACSR	0	0	583	250	25	1	1	0.00	4.56	0
CO28191+	CO28125	12.40	3 1-	4ACSR	0	0	578	249	25	1	1	0.00	4.56	0
CO28190+	CO28191	12.44	3 1-	4ACSR	0	0	576	248	25	1	1	0.00	4.56	0
CO28124+	CO28190	12.48	2 1-	4ACSR	0	0	573	248	12	0	1	0.00	4.56	0
CO28123+	CO28124	12.58	2 1-	4ACSR	0	0	567	246	12	0	1	0.00	4.56	0
CO28122+	CO28123	12.65	2 1-	4ACSR	0	0	563	246	12	0	1	0.00	4.56	0
CO28046+	CO28122	12.71	1 1-	4ACSR	0	0	559	245	6	0	0	0.00	4.56	0
CO28202+	OC-1029455965	12.65	5 1-	4ACSR	0	0	563	246	43	3	2	0.03	4.58	0
OC1284208810+	CO28202	12.65	5 1-	20 N FUSE	0	0	563	246	43	3	15	0.00	4.58	0
CO28033+	OC1284208810	12.70	2 1-	4ACSR	0	0	560	245	10	0	0	0.00	4.58	0
CO28011+	OC1284208810	12.72	3 1-	4ACSR	0	0	559	245	34	2	2	0.00	4.58	0
CO28192+	CO28011	12.79	2 1-	4ACSR	0	0	555	244	25	1	1	0.00	4.59	0
CO28193+	CO28192	12.91	1 1-	4ACSR	0	0	548	243	9	0	0	0.00	4.59	0
CO28126+	CO28193	12.94	1 1-	4ACSR	0	0	547	242	9	0	0	0.00	4.59	0
CO28035+	CO28011	12.78	0 1-	4ACSR	0	0	555	244	0	0	0	0.00	4.58	0
CO28034+	CO28011	12.76	1 1-	4ACSR	0	0	557	244	9	0	0	0.00	4.58	0
CO28194+	OC-1029455965	12.42	1 1-	2ACSR	0	0	578	249	10	0	0	0.00	4.56	0
OC2014241620+	CO28194	12.42	1 1-	20 N FUSE	0	0	578	249	10	0	3	0.00	4.56	0
CO28195+	OC2014241620	12.43	0 1-	2ACSR	0	0	578	249	0	0	0	0.00	4.56	0
SW865-A+	CO28195	12.43	0 1-	Open	0	0	578	249	0	0	0	0.00	4.56	0
CO28085+	OC2014241620	12.46	1 1-	2ACSR	0	0	576	248	10	0	0	0.00	4.56	0
CO28086+	CO28085	12.57	1 1-	2ACSR	0	0	571	248	10	0	0	0.00	4.56	0
OC-38672249+	CO28086	12.57	0 1-	20 N FUSE	0	0	571	248	0	0	0	0.00	4.56	0
CO-1678054007+	OC-38672249	12.60	0 1-	2ACSR	0	0	570	247	0	0	0	0.00	4.56	0
CO28087+	OC-38672249	12.63	0 1-	2ACSR	0	0	568	247	0	0	0	0.00	4.56	0
CO28088+	CO28087	12.82	0 1-	2ACSR	0	0	560	245	0	0	0	0.00	4.56	0
CO28089+	CO28088	13.01	0 1-	2ACSR	0	0	551	244	0	0	0	0.00	4.56	0
CO28091+	CO28089	13.25	0 1-	2ACSR	0	0	541	242	0	0	0	0.00	4.56	0
CO28050+	CO28132	11.82	1 1-	4ACSR	0	0	615	256	0	0	0	0.00	4.47	0
CO28130+	CO28023	11.58	1 1-	4ACSR	0	0	631	259	4	0	0	0.00	4.41	0
CO28051+	CO28130	11.60	0 1-	4ACSR	0	0	630	259	0	0	0	0.00	4.41	0
CO28131+	CO28130	11.70	1 1-	4ACSR	0	0	623	257	4	0	0	0.00	4.41	0
CO25924+	CO25926	11.10	0 1-	4ACSR	0	0	667	265	0	0	0	0.00	4.28	0
CO25923+	CO25926	11.02	2 1-	4ACSR	0	0	673	267	7	0	0	0.00	4.28	0
CO25918+	CO25917	10.62	1 1-	4ACSR	0	0	706	272	7	0	0	0.00	4.16	0
CO25919+	CO25918	10.65	1 1-	4ACSR	0	0	704	272	7	0	0	0.00	4.16	0
CO26051+	CO25917	10.57	0 1-	4ACSR	0	0	711	273	0	0	0	0.00	4.15	0
CO25913+	CO25928	10.54	77 3-	1/0ACSR	941	881	715	274	397	9	4	0.01	4.13	5
CO25914+	CO25913	10.60	77 3-	1/0ACSR	937	877	712	274	397	9	4	0.00	4.13	3
CO25915+	CO25914	10.63	76 3-	1/0ACSR	935	876	710	273	377	8	4	0.00	4.14	0
CO25916+	CO25915	10.66	75 3-	1/0ACSR	933	874	708	273	366	8	4	0.00	4.14	0
CO26049+	CO25916	10.67	0 1-	4ACSR	0	0	708	273	0	0	0	0.00	4.14	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26047+	CO25916	10.67	75 1-	4ACSR	0	0	708	273	366	26	19	0.00	4.14	2
OC787+	CO26047	10.67	75 1-	50 L OCR	0	0	708	273	366	26	0	0.00	4.14	0
CO26048+	OC787	10.68	75 1-	4ACSR	0	0	707	273	366	26	19	0.01	4.15	6
CO25911+	CO26048	10.78	75 1-	4ACSR	0	0	698	271	365	26	19	0.06	4.21	36
CO25912+	CO25911	10.86	74 1-	4ACSR	0	0	691	270	361	25	18	0.05	4.26	30
CO25829+	CO25912	10.95	1 1-	4ACSR	0	0	684	269	8	0	0	0.00	4.26	0
CO25908+	CO25912	10.87	73 1-	4ACSR	0	0	690	270	352	25	18	0.01	4.27	3
CO25909+	CO25908	10.94	72 1-	4ACSR	0	0	685	269	343	24	18	0.04	4.31	20
CO25910+	CO25909	10.96	70 1-	4ACSR	0	0	684	269	334	23	17	0.01	4.31	5
CO25830+	CO25910	11.00	2 1-	4ACSR	0	0	680	268	13	0	1	0.00	4.32	0
CO25904+	CO25910	10.97	68 1-	4ACSR	0	0	682	269	321	22	16	0.01	4.32	5
CO25905+	CO25904	11.07	68 1-	4ACSR	0	0	675	267	321	22	16	0.05	4.38	27
CO25906+	CO25905	11.10	68 1-	4ACSR	0	0	672	267	321	22	16	0.02	4.39	9
CO-2078663967+	CO25906	11.23	67 1-	2ACSR	0	0	664	266	319	22	13	0.05	4.44	25
CO-759684711+	CO-2078663967	11.30	1 1-	2ACSR	0	0	660	265	0	0	0	0.00	4.44	0
CO1896803215+	CO-2078663967	11.28	66 1-	2ACSR	0	0	661	265	319	22	13	0.02	4.46	8
CO25903+	CO1896803215	11.52	66 1-	4ACSR	0	0	644	262	319	22	16	0.13	4.58	66
CO30365+	CO25903	12.12	2 1-	4ACSR	0	0	602	254	2	0	0	0.00	4.59	0
OC422364439+	CO30365	12.12	1 1-	20 N FUSE	0	0	602	254	0	0	0	0.00	4.59	0
CO28179+	OC422364439	12.27	1 1-	4ACSR	0	0	593	252	0	0	0	0.00	4.59	0
CO28178+	CO28179	12.58	0 1-	4ACSR	0	0	574	248	0	0	0	0.00	4.59	0
CO25901+	CO25903	11.56	64 1-	4ACSR	0	0	641	261	316	22	16	0.02	4.61	12
CO25902+	CO25901	11.66	63 1-	4ACSR	0	0	633	260	306	21	16	0.05	4.66	25
CO25831+	CO25902	11.70	2 1-	4ACSR	0	0	630	259	16	1	1	0.00	4.66	0
CO25899+	CO25902	11.98	61 1-	4ACSR	0	0	612	256	290	20	15	0.15	4.81	71
CO25900+	CO25899	12.16	60 1-	4ACSR	0	0	600	253	276	19	14	0.08	4.89	37
CO25897+	CO25900	12.19	58 1-	4ACSR	0	0	597	253	270	19	14	0.02	4.91	7
CO25898+	CO25897	12.25	57 1-	4ACSR	0	0	594	252	259	18	13	0.03	4.93	11
OC-163418992+	CO25898	12.25	57 1-	20 N FUSE	0	0	594	252	259	18	93	0.00	4.93	0
CO25810+	OC-163418992	12.37	53 1-	4ACSR	0	0	586	251	229	16	12	0.04	4.98	17
XFMR342	CO25810	12.37	53 1-	333 KVA 1PH AUT	0	0	667	161	229	16	71	0.80	5.78	0
CO25887	XFMR342	12.45	41 1-	4ACSR	0	0	657	161	193	27	20	0.10	5.88	32
CO25888	CO25887	12.52	40 1-	4ACSR	0	0	647	160	192	27	20	0.09	5.97	30
CO25889	CO25888	12.59	40 1-	4ACSR	0	0	638	159	191	27	20	0.09	6.07	30
CO25890	CO25889	12.69	40 1-	4ACSR	0	0	626	158	191	27	20	0.12	6.19	38
OC-1833437395	CO25890	12.69	38 1-	20 N FUSE	0	0	626	158	186	26	134	0.00	6.19	0
CO25891	OC-1833437395	12.76	38 1-	4ACSR	0	0	617	158	186	26	19	0.09	6.28	27
CO25892	CO25891	12.79	37 1-	4ACSR	0	0	613	157	173	25	18	0.03	6.31	9
CO25893	CO25892	12.84	34 1-	4ACSR	0	0	608	157	149	21	15	0.05	6.36	12
CO25895	CO25893	12.94	34 1-	4ACSR	0	0	597	156	149	21	15	0.09	6.45	24
CO25894	CO25895	12.98	34 1-	4ACSR	0	0	591	156	149	21	15	0.05	6.50	12
CO25811	CO25894	13.02	31 1-	4ACSR	0	0	587	155	146	21	15	0.04	6.54	9
CO30375	CO25811	13.07	26 1-	4ACSR	0	0	581	155	128	18	13	0.04	6.58	9
CO26118	CO30375	13.11	25 1-	4ACSR	0	0	577	154	126	18	13	0.03	6.61	7
CO26119	CO26118	13.16	23 1-	4ACSR	0	0	572	154	119	17	12	0.04	6.65	7
CO26117	CO26119	13.19	22 1-	4ACSR	0	0	569	154	117	17	12	0.02	6.67	4
CO26115	CO26117	13.22	20 1-	4ACSR	0	0	565	153	110	15	11	0.03	6.70	5
CO26116	CO26115	13.26	17 1-	4ACSR	0	0	561	153	104	15	11	0.02	6.72	4
CO26113	CO26116	13.30	14 1-	4ACSR	0	0	557	153	93	13	10	0.02	6.75	3
CO26114	CO26113	13.38	10 1-	4ACSR	0	0	549	152	74	10	8	0.04	6.78	4
CO26112	CO26114	13.45	7 1-	4ACSR	0	0	542	151	64	9	7	0.03	6.81	3
CO26111	CO26112	13.50	5 1-	4ACSR	0	0	537	151	47	6	5	0.01	6.82	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO26110	CO26111	13.53	2 1-	4ACSR	0	0	534	151	19	2	2	0.00	6.82	0
CO26090	CO26110	13.55	2 1-	4ACSR	0	0	532	150	19	2	2	0.00	6.83	0
CO30373	CO26090	13.61	2 1-	4ACSR	0	0	526	150	19	2	2	0.01	6.83	0
CO28261	CO30373	13.73	1 1-	4ACSR	0	0	516	149	9	1	1	0.00	6.84	0
CO1149286926	CO26115	13.24	1 1-	2ACSR	0	0	564	153	2	0	0	0.00	6.70	0
CO-1665859707	CO1149286926	13.29	1 1-	2ACSR	0	0	559	153	2	0	0	0.00	6.70	0
CO25896	CO25811	13.05	4 1-	4ACSR	0	0	584	155	12	1	1	0.00	6.54	0
CO30378	CO25896	13.13	4 1-	4ACSR	0	0	575	154	12	1	1	0.01	6.55	0
CO26120	CO30378	13.18	3 1-	4ACSR	0	0	570	154	11	1	1	0.00	6.55	0
CO26109	CO26120	13.19	2 1-	4ACSR	0	0	568	154	6	0	1	0.00	6.55	0
CO30374	CO26109	13.35	2 1-	4ACSR	0	0	552	152	6	0	1	0.00	6.55	0
CO25833	CO25894	13.03	0 1-	4ACSR	0	0	586	155	0	0	0	0.00	6.50	0
CO25832	CO25894	13.00	1 1-	4ACSR	0	0	589	155	3	0	0	0.00	6.50	0
CO26043	XFMR342	12.38	12 1-	4ACSR	0	0	666	161	36	5	4	0.00	5.78	0
OC785	CO26043	12.38	12 1-	25 H OCR	0	0	666	161	36	5	21	0.00	5.78	0
CO26044	OC785	12.42	12 1-	4ACSR	0	0	660	161	36	5	4	0.01	5.79	0
CO25886	CO26044	12.54	10 1-	4ACSR	0	0	645	160	35	5	4	0.02	5.81	0
CO30439	CO25886	12.78	9 1-	4ACSR	0	0	615	157	19	2	2	0.03	5.84	0
CO28012	CO30439	12.86	9 1-	4ACSR	0	0	605	157	19	2	2	0.01	5.85	0
CO28037	CO28012	12.91	2 1-	4ACSR	0	0	600	156	7	1	1	0.00	5.85	0
CO28188	CO28012	12.94	7 1-	4ACSR	0	0	596	156	12	1	1	0.01	5.86	0
CO28189	CO28188	13.00	7 1-	4ACSR	0	0	590	155	12	1	1	0.00	5.86	0
CO28014	CO28189	13.05	5 1-	4ACSR	0	0	584	155	7	1	1	0.00	5.87	0
OC-1600376297	CO28014	13.05	5 1-	20 N FUSE	0	0	584	155	7	1	5	0.00	5.87	0
CO28038	OC-1600376297	13.14	1 1-	4ACSR	0	0	574	154	0	0	0	0.00	5.87	0
CO28182	OC-1600376297	13.09	4 1-	4ACSR	0	0	579	155	7	1	1	0.00	5.87	0
CO28183	CO28182	13.30	4 1-	4ACSR	0	0	557	153	7	1	1	0.01	5.88	0
CO28013	CO28183	13.40	2 1-	4ACSR	0	0	547	152	0	0	0	0.00	5.88	0
CO28184	CO28013	13.50	2 1-	4ACSR	0	0	537	151	0	0	0	0.00	5.88	0
CO28185	CO28184	13.91	2 1-	4ACSR	0	0	499	147	0	0	0	0.00	5.88	0
CO28040	CO28013	13.59	0 1-	4ACSR	0	0	528	150	0	0	0	0.00	5.88	0
CO28039	CO28183	13.41	2 1-	4ACSR	0	0	546	152	7	1	1	0.00	5.88	0
CO28180	CO28189	13.09	2 1-	4ACSR	0	0	579	155	4	0	0	0.00	5.87	0
CO28181	CO28180	13.15	1 1-	4ACSR	0	0	573	154	1	0	0	0.00	5.87	0
CO28036	CO30439	12.83	0 1-	4ACSR	0	0	609	157	0	0	0	0.00	5.84	0
CO26064+	OC-163418992	12.32	4 1-	4ACSR	0	0	590	251	30	2	2	0.00	4.94	0
CO-1440812839+	CO26064	12.33	4 1-	2ACSR	0	0	589	251	30	2	1	0.00	4.94	0
CO1144198943+	CO-1440812839	12.34	4 1-	2ACSR	0	0	589	251	30	2	1	0.00	4.94	0
CO26066+	CO1144198943	12.39	4 1-	4ACSR	0	0	585	251	30	2	2	0.00	4.94	0
CO25885+	CO26066	12.48	4 1-	4ACSR	0	0	580	249	30	2	2	0.00	4.94	0
CO25884+	CO25885	12.55	3 1-	4ACSR	0	0	575	249	27	1	1	0.00	4.95	0
CO25827+	CO25884	12.70	0 1-	4ACSR	0	0	567	247	0	0	0	0.00	4.95	0
CO25883+	CO25884	12.65	2 1-	4ACSR	0	0	570	247	24	1	1	0.00	4.95	0
CO25853+	CO25944	8.85	0 1-	4ACSR	0	0	830	287	0	0	0	0.00	3.85	0
OC-1025601242+	CO25853	8.85	0 1-	20 N FUSE	0	0	830	287	0	0	0	0.00	3.85	0
CO25823+	CO25822	8.62	1 1-	4ACSR	0	0	848	289	11	0	1	0.00	3.80	0
OC862555120+	CO25823	8.62	0 1-	20 N FUSE	0	0	848	289	0	0	0	0.00	3.80	0
CO25462+	CO25430	8.16	0 1-	4ACSR	0	0	886	292	0	0	0	0.00	3.70	0
CAP372+	CO25429	7.96	0 3-	Capacitor	1173	1093	909	295	0	-7	0	0.00	3.67	0
CO25461+	CO25428	7.83	1 1-	4ACSR	0	0	918	295	0	0	0	0.00	3.62	0
OC1345029754+	CO25461	7.83	0 1-	20 N FUSE	0	0	918	295	0	0	0	0.00	3.62	0
CO25459+	CO25454	7.49	1 1-	4ACSR	0	0	956	299	0	0	0	0.00	3.50	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1493673982+	CO25459	7.49	0 1-	20 N FUSE	0	0	956	299	0	0	0	0.00	3.50	0
CO25445+	CO25454	7.29	17 1-	1/OACSR	0	0	980	302	60	4	2	0.00	3.46	0
OC1642465494+	CO25445	7.29	0 1-	20 N FUSE	0	0	980	302	0	0	0	0.00	3.46	0
CO25682+	CO25445	7.30	17 1-	4ACSR	0	0	979	301	60	4	3	0.00	3.46	0
CO25681+	CO25682	7.43	17 1-	4ACSR	0	0	960	299	60	4	3	0.01	3.47	0
CO25598+	CO25681	7.55	17 1-	4ACSR	0	0	942	297	60	4	3	0.01	3.48	0
CO25679+	CO25598	7.56	15 1-	4ACSR	0	0	941	297	54	3	3	0.00	3.48	0
OC776+	CO25679	7.56	15 1-	35 H OCR	0	0	941	297	54	3	11	0.00	3.48	0
CO25680+	OC776	7.58	15 1-	4ACSR	0	0	938	297	54	3	3	0.00	3.48	0
CO25662+	CO25680	7.75	15 1-	4ACSR	0	0	914	294	54	3	3	0.01	3.50	0
CO25546+	CO25662	7.84	15 1-	4ACSR	0	0	900	292	54	3	3	0.01	3.50	0
CO25602+	CO25546	7.94	12 1-	4ACSR	0	0	887	290	53	3	3	0.01	3.51	0
CO25603+	CO25602	7.99	11 1-	4ACSR	0	0	880	290	44	3	2	0.00	3.52	0
CO25547+	CO25603	8.02	11 1-	4ACSR	0	0	877	289	44	3	2	0.00	3.52	0
CO25548+	CO25547	8.12	11 1-	4ACSR	0	0	864	288	44	3	2	0.01	3.52	0
CO25685+	CO25548	8.48	10 1-	4ACSR	0	0	820	282	44	3	2	0.02	3.55	0
CO25619+	CO25685	8.70	9 1-	4ACSR	0	0	795	278	34	2	2	0.01	3.56	0
CO25620+	CO25619	8.77	7 1-	4ACSR	0	0	788	278	32	2	2	0.00	3.56	0
CO25655+	CO25620	8.82	0 1-	4ACSR	0	0	782	277	0	0	0	0.00	3.56	0
CO25482+	CO25620	8.94	0 1-	4ACSR	0	0	770	275	0	0	0	0.00	3.56	0
CO25442+	CO25442	8.81	7 1-	4ACSR	0	0	783	277	32	2	2	0.00	3.57	0
CO25566+	CO25442	8.84	6 1-	4ACSR	0	0	780	276	21	1	1	0.00	3.57	0
OC-1853630144+	CO25566	8.84	6 1-	20 N FUSE	0	0	780	276	21	1	7	0.00	3.57	0
CO25567+	OC-1853630144	8.91	6 1-	4ACSR	0	0	772	275	21	1	1	0.00	3.57	0
CO25621+	CO25567	8.93	6 1-	4ACSR	0	0	770	275	21	1	1	0.00	3.57	0
CO25622+	CO25621	9.17	5 1-	4ACSR	0	0	745	272	15	1	1	0.01	3.58	0
CO25623+	CO25622	9.29	4 1-	4ACSR	0	0	735	270	12	0	1	0.00	3.58	0
CO25441+	CO25623	9.44	3 1-	4ACSR	0	0	720	268	12	0	1	0.00	3.58	0
CO25570+	CO25441	9.65	2 1-	4ACSR	0	0	701	265	9	0	0	0.00	3.58	0
CO25571+	CO25570	9.70	1 1-	4ACSR	0	0	697	264	8	0	0	0.00	3.58	0
CO25483+	CO25441	9.51	1 1-	4ACSR	0	0	713	267	3	0	0	0.00	3.58	0
CO25484+	CO25623	9.39	1 1-	4ACSR	0	0	725	269	0	0	0	0.00	3.58	0
CO25489+	CO25567	9.01	0 1-	4ACSR	0	0	763	274	0	0	0	0.00	3.57	0
CO25488+	CO25442	8.94	1 1-	4ACSR	0	0	770	275	11	0	1	0.00	3.57	0
CO25481+	CO25685	8.58	1 1-	4ACSR	0	0	809	280	10	0	0	0.00	3.55	0
CO25474+	CO25548	8.22	0 1-	4ACSR	0	0	852	286	0	0	0	0.00	3.52	0
CO25473+	CO25548	8.21	0 1-	4ACSR	0	0	853	286	0	0	0	0.00	3.52	0
CO25472+	CO25548	8.24	1 1-	4ACSR	0	0	848	286	0	0	0	0.00	3.52	0
CO25600+	CO25546	7.88	3 1-	4ACSR	0	0	896	292	1	0	0	0.00	3.50	0
CO25601+	CO25600	7.99	2 1-	4ACSR	0	0	880	290	0	0	0	0.00	3.50	0
CO25435+	CO25598	7.60	1 1-	4ACSR	0	0	935	296	0	0	0	0.00	3.48	0
CO25497+	CO25452	7.15	2 1-	4ACSR	0	0	993	302	22	1	1	0.00	3.41	0
OC-346009164+	CO25497	7.15	0 1-	20 N FUSE	0	0	993	302	0	0	0	0.00	3.41	0
CO25458+	CO25450	6.76	1 1-	4ACSR	0	0	1039	306	8	0	0	0.00	3.32	0
OC-532889547+	CO25458	6.76	0 1-	20 N FUSE	0	0	1039	306	0	0	0	0.00	3.32	0
CO25616+	CO25448	6.56	6 1-	4ACSR	0	0	1065	308	49	3	2	0.00	3.27	0
OC-979086521+	CO25616	6.56	4 1-	20 N FUSE	0	0	1065	308	23	1	8	0.00	3.27	0
CO25617+	OC-979086521	6.59	4 1-	4ACSR	0	0	1059	307	23	1	1	0.00	3.27	0
CO25615+	CO25617	6.64	3 1-	4ACSR	0	0	1050	306	10	0	1	0.00	3.27	0
CO25574+	CO25615	6.72	1 1-	4ACSR	0	0	1037	305	1	0	0	0.00	3.27	0
CO25573+	CO25615	6.68	1 1-	4ACSR	0	0	1043	306	9	0	0	0.00	3.27	0
CO25456+	CO30617	6.10	1 1-	4ACSR	0	0	1125	312	10	0	1	0.00	3.12	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC-1222996724+	CO25456	6.10	0 1-	20 N FUSE	0	0	1125	312	0	0	0	0.00	3.12	0
CO15846+	CO15537	5.95	8 1-	4ACSR	0	0	1150	314	39	2	2	0.00	3.10	0
OC473+	CO15846	5.95	8 1-	10 N FUSE	0	0	1150	314	39	2	28	0.00	3.10	0
CO30616+	OC473	6.06	8 1-	4ACSR	0	0	1128	312	39	2	2	0.01	3.11	0
CO25667+	CO30616	6.07	5 1-	4ACSR	0	0	1127	312	15	1	1	0.00	3.11	0
OC769+	CO25667	6.07	5 1-	10 N FUSE	0	0	1127	312	15	1	11	0.00	3.11	0
CO25668+	OC769	6.19	5 1-	4ACSR	0	0	1102	309	15	1	1	0.00	3.11	0
CO25455+	CO25668	6.27	2 1-	4ACSR	0	0	1088	308	10	0	0	0.00	3.11	0
CO25577+	CO25668	6.27	3 1-	4ACSR	0	0	1088	308	6	0	0	0.00	3.11	0
CO25499+	CO25577	6.36	3 1-	2ACSR	0	0	1074	307	6	0	0	0.00	3.11	0
CO25578+	CO25577	6.36	0 1-	4ACSR	0	0	1070	306	0	0	0	0.00	3.11	0
CO30615+	CO30616	6.15	3 1-	4ACSR	0	0	1110	310	24	1	1	0.00	3.11	0
CO769806424+	CO30615	6.17	1 1-	2ACSR	0	0	1107	310	5	0	0	0.00	3.11	0
CO1412960888+	CO769806424	6.25	1 1-	2ACSR	0	0	1094	309	5	0	0	0.00	3.11	0
CO-982171154+	CO1412960888	6.27	1 1-	1/0PRIURD	0	0	1092	614	5	0	0	0.00	3.11	0
CO15825+	CO15536	5.63	3 1-	4ACSR	0	0	1195	316	24	1	1	0.00	2.99	0
OC1064932378+	CO15825	5.63	3 1-	20 N FUSE	0	0	1195	316	24	1	8	0.00	2.99	0
CO15826+	OC1064932378	5.67	2 1-	4ACSR	0	0	1186	315	11	0	1	0.00	2.99	0
CO15571+	OC1064932378	5.74	1 1-	4ACSR	0	0	1173	314	13	0	1	0.00	2.99	0
CO15560+	CO15724	5.48	38 3-	1/0ACSR	1526	1420	1225	318	1600	37	16	0.04	2.96	100
CO15660+	CO15560	5.70	37 3-	1/0ACSR	1487	1380	1188	316	1585	37	16	0.08	3.04	179
CO15661+	CO15660	5.78	36 3-	1/0ACSR	1474	1368	1177	315	1583	37	16	0.03	3.06	60
CO15662+	CO15661	5.87	35 3-	1/0ACSR	1460	1354	1164	315	1582	37	16	0.03	3.09	67
CO15573+	CO15662	5.91	2 3-	1/0PRIURD	1458	1351	1158	638	1332	31	21	0.01	3.10	27
CO15861+	CO15573	5.94	1 3-	1/0PRIURD	1456	1349	1157	637	509	11	8	0.00	3.10	0
260646052+	CO15861	5.94	1 3-	Consumer	1456	1349	1157	637	509	11	0	0.00	3.10	0
260646021+	CO15573	5.91	1 3-	Consumer	1458	1351	1158	638	823	19	0	0.00	3.10	0
CO15703+	CO15662	6.04	33 3-	1/0ACSR	1433	1329	1138	313	250	5	3	0.01	3.10	2
CO15704+	CO15703	6.10	31 3-	1/0ACSR	1422	1320	1129	312	165	3	2	0.00	3.10	0
CO15705+	CO15704	6.13	31 3-	1/0ACSR	1418	1316	1125	312	165	3	2	0.00	3.10	0
CO15706+	CO15705	6.28	31 3-	1/0ACSR	1395	1295	1104	311	165	3	2	0.01	3.11	0
CO15707+	CO15706	6.35	29 1-	4ACSR	0	0	1091	309	154	10	8	0.02	3.12	4
AU39	CO15707	6.35	27 1-	167 KVA 1PH AUT	0	0	625	168	150	10	91	0.82	3.95	0
CO15708	AU39	6.38	27 1-	4ACSR	0	0	623	168	150	21	15	0.03	3.98	7
CO15817	CO15708	6.42	27 1-	4ACSR	0	0	619	168	150	21	15	0.04	4.02	10
CO15818	CO15817	6.47	25 1-	4ACSR	0	0	614	167	148	20	15	0.05	4.07	12
CO15728	CO15818	6.58	23 1-	4ACSR	0	0	604	166	130	18	13	0.09	4.16	18
CO15729	CO15728	6.61	22 1-	4ACSR	0	0	601	165	123	17	12	0.03	4.19	6
CO15841	CO15729	6.73	0 1-	1/0PRIURD	0	0	595	346	0	0	0	0.00	4.19	0
CO15670	CO15841	6.81	0 1-	1/0PRIURD	0	0	591	344	0	0	0	0.00	4.19	0
CO15849	CO15729	6.62	22 1-	4ACSR	0	0	600	165	123	17	13	0.01	4.19	0
OC475	CO15849	6.62	22 1-	35 H OCR	0	0	600	165	123	17	50	0.00	4.19	0
CO15850	OC475	6.63	22 1-	4ACSR	0	0	599	165	123	17	13	0.01	4.20	0
CO15799	CO15850	6.69	21 1-	4ACSR	0	0	594	165	115	16	12	0.05	4.25	9
CO15663	CO15799	6.83	20 1-	4ACSR	0	0	582	163	111	15	11	0.10	4.34	18
CO15669	CO15663	6.94	2 1-	4ACSR	0	0	572	162	0	0	0	0.00	4.34	0
CO15748	CO15669	7.04	2 1-	4ACSR	0	0	563	161	0	0	0	0.00	4.34	0
CO15749	CO15748	7.18	1 1-	4ACSR	0	0	551	160	0	0	0	0.00	4.34	0
CO15730	CO15663	6.94	17 1-	4ACSR	0	0	572	162	108	15	11	0.07	4.42	12
CO30614	CO15730	7.00	16 1-	4ACSR	0	0	566	161	91	12	9	0.04	4.46	6
CO25505	CO30614	7.06	15 1-	4ACSR	0	0	561	161	80	11	8	0.03	4.49	4
CO25503	CO25505	7.25	15 1-	4ACSR	0	0	545	159	80	11	8	0.10	4.58	12

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO731115333	CO25503	7.37	1 1-	2ACSR	0	0	536	158	0	0	0	0.00	4.58	0
CO-914942552	CO731115333	7.50	1 1-	2ACSR	0	0	527	157	0	0	0	0.00	4.58	0
CO-2071096275	CO731115333	7.39	0 1-	2ACSR	0	0	535	158	0	0	0	0.00	4.58	0
CO25604	CO25503	7.30	13 1-	4ACSR	0	0	541	159	72	10	7	0.02	4.60	2
CO25605	CO25604	7.33	11 1-	4ACSR	0	0	538	158	66	9	7	0.01	4.62	0
CO25502	CO25605	7.40	11 1-	4ACSR	0	0	532	157	66	9	7	0.03	4.65	4
CO25466	CO25502	7.50	0 1-	4ACSR	0	0	524	157	0	0	0	0.00	4.65	0
CO25465	CO25502	7.50	1 1-	4ACSR	0	0	524	157	9	1	1	0.00	4.65	0
CO25432	CO25502	7.53	10 1-	4ACSR	0	0	522	156	57	8	6	0.05	4.70	4
CO25608	CO25432	7.64	7 1-	4ACSR	0	0	513	155	48	6	5	0.03	4.73	3
CO25609	CO25608	7.65	6 1-	4ACSR	0	0	512	155	45	6	5	0.00	4.74	0
CO25515	CO25609	7.73	6 1-	4ACSR	0	0	506	154	45	6	5	0.02	4.75	0
CO25610	CO25515	7.77	3 1-	4ACSR	0	0	502	154	18	2	2	0.00	4.76	0
CO25611	CO25610	7.84	2 1-	4ACSR	0	0	497	153	11	1	1	0.00	4.76	0
CO25606	CO25432	7.62	3 1-	4ACSR	0	0	515	155	9	1	1	0.00	4.70	0
CO25607	CO25606	7.67	0 1-	4ACSR	0	0	511	155	0	0	0	0.00	4.70	0
CO25504	CO30614	7.12	1 1-	2ACSR	0	0	557	161	11	1	1	0.00	4.46	0
CO15574	CO15663	6.88	1 1-	4ACSR	0	0	577	163	3	0	0	0.00	4.35	0
CO15827	CO15818	6.55	2 1-	4ACSR	0	0	607	166	17	2	2	0.01	4.08	0
CO15575	CO15827	6.60	0 1-	4ACSR	0	0	602	166	0	0	0	0.00	4.08	0
CO15828	CO15827	6.61	2 1-	4ACSR	0	0	601	165	17	2	2	0.00	4.08	0
CO15614+	CO15560	5.50	1 1-	4ACSR	0	0	1221	318	15	1	1	0.00	2.96	0
OC-1871200692+	CO15614	5.50	0 1-	20 N FUSE	0	0	1221	318	0	0	0	0.00	2.96	0
CO15570+	CO15722	5.18	1 1-	4ACSR	0	0	1272	321	15	1	1	0.00	2.77	0
OC-269814331+	CO15570	5.18	0 1-	20 N FUSE	0	0	1272	321	0	0	0	0.00	2.77	0
CO15567+	OC-527721729	4.89	1 3-	4ACSR	1630	1524	1325	323	1	0	0	0.00	2.56	0
OC-1015051850+	CO15567	4.89	0 3-	20 N FUSE	1630	1524	1325	323	0	0	0	0.00	2.56	0
CO15569+	CO15535	4.96	0 1-	4ACSR	0	0	1308	322	0	0	0	0.00	2.56	0
CO15568+	CO15535	4.89	2 1-	4ACSR	0	0	1325	323	12	0	1	0.00	2.56	0
OC1308650129+	CO15568	4.89	0 1-	20 N FUSE	0	0	1325	323	0	0	0	0.00	2.56	0
CO15531+	CO15530	5.10	83 3-	1/0CU	1611	1507	1305	323	526	12	4	0.03	2.51	23
CO15619+	CO15531	5.33	81 3-	1/0CU	1576	1472	1270	322	520	12	4	0.02	2.53	12
CO15620+	CO15619	5.53	81 3-	1/0CU	1545	1441	1241	320	520	12	4	0.02	2.54	11
CO15857+	CO15620	5.54	79 2-	2ACSR	0	1439	1239	320	514	18	10	0.00	2.54	0
OC479+	CO15857	5.54	79 2-	70 E OCR	0	1439	1239	320	514	18	26	0.00	2.54	0
CO15858+	OC479	5.63	79 2-	2ACSR	0	1420	1222	319	514	18	10	0.02	2.57	19
CO15719+	CO15858	5.72	79 2-	2ACSR	0	1401	1205	318	514	18	10	0.02	2.59	19
CO15720+	CO15719	5.79	78 2-	2ACSR	0	1385	1192	317	492	17	10	0.02	2.61	14
CO15565+	CO15720	5.87	1 1-	4ACSR	0	0	1175	315	18	1	1	0.00	2.61	0
CO15621+	CO15720	5.89	74 2-	4ACSR	0	1362	1172	315	449	15	11	0.03	2.64	23
CO15752+	CO15621	5.92	74 2-	4ACSR	0	1355	1164	314	449	15	11	0.01	2.65	10
CO15753+	CO15752	5.96	71 2-	4ACSR	0	1349	1157	314	431	15	11	0.01	2.66	7
CO15532+	CO15753	6.08	61 2-	2ACSR	0	1327	1136	312	375	13	7	0.02	2.69	14
CO15533+	CO15532	6.13	60 2-	2ACSR	0	1318	1127	311	374	13	7	0.01	2.70	6
XFMR22	CO15533	6.13	60 2-	333 KVA 1PH AUT	0	933	879	172	374	13	57	0.62	3.32	0
CO15534	XFMR22	6.17	60 2-	2ACSR	0	928	873	171	374	26	15	0.03	3.34	15
CO15840	CO15534	6.31	23 1-	1/0PRIURD	0	0	853	392	146	20	14	0.06	3.40	12
CO15838	CO15840	6.39	20 1-	1/0PRIURD	0	0	842	389	123	17	12	0.03	3.43	5
CO15839	CO15838	6.42	17 1-	1/0PRIURD	0	0	838	388	102	14	10	0.01	3.44	0
CO15737	CO15839	6.46	12 1-	1/0PRIURD	0	0	833	387	77	10	7	0.01	3.45	0
CO15738	CO15737	6.51	7 1-	1/0PRIURD	0	0	827	385	45	6	4	0.00	3.45	0
CO15566	CO15534	6.22	33 1-	1/0PRIURD	0	0	866	395	194	27	18	0.03	3.37	7

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15699	CO15566	6.28	29 1-	1/0PRIURD	0	0	857	393	162	22	15	0.03	3.40	6
CO15718	CO15699	6.34	21 1-	1/0PRIURD	0	0	849	391	114	16	11	0.02	3.42	3
CO15717	CO15718	6.40	15 1-	1/0PRIURD	0	0	841	389	73	10	7	0.01	3.43	0
CO15700	CO15717	6.46	9 1-	1/0PRIURD	0	0	834	387	46	6	4	0.00	3.43	0
CO15664+	CO15753	6.02	5 1-	2ACSR	0	0	1147	313	48	3	2	0.00	2.67	0
CO15665+	CO15664	6.05	2 1-	2ACSR	0	0	1140	312	24	1	1	0.00	2.67	0
CO15854+	CO15858	5.64	0 1-	4ACSR	0	0	1221	319	0	0	0	0.00	2.57	0
SW480-A+	CO15854	5.64	0 1-	Open	0	0	1221	319	0	0	0	0.00	2.57	0
CO15564+	CO15620	5.60	1 1-	4ACSR	0	0	1225	319	5	0	0	0.00	2.54	0
CO15545+	CO15620	5.57	0 3-	1/0CU	1541	1436	1236	320	0	0	0	0.00	2.54	0
CO15851+	CO15545	5.57	0 3-	4/0ACSR	1540	1435	1235	320	0	0	0	0.00	2.54	0
OC962+	CO15851	5.57	0 3-	WVE	1540	1435	1235	320	0	0	0	0.00	2.54	0
CO15563+	CO15531	5.47	2 1-	4ACSR	0	0	1216	316	6	0	0	0.00	2.51	0
OC-1436264756+	CO15563	5.47	0 1-	20 N FUSE	0	0	1216	316	0	0	0	0.00	2.51	0
CO16016+	CO15874	3.60	3 1-	4ACSR	0	0	1566	332	34	2	2	0.01	1.85	0
OC-867681324+	CO16016	3.60	2 1-	20 N FUSE	0	0	1566	332	27	1	9	0.00	1.85	0
CO16017+	OC-867681324	3.64	2 1-	4ACSR	0	0	1553	331	27	1	1	0.00	1.85	0
CO16018+	CO16017	3.68	2 1-	4ACSR	0	0	1540	330	27	1	1	0.00	1.85	0
CO16011+	CO16010	3.16	4 1-	4ACSR	0	0	1682	336	41	2	2	0.00	1.66	0
OC1240717059+	CO16011	3.16	4 1-	20 N FUSE	0	0	1682	336	41	2	14	0.00	1.66	0
CO16012+	OC1240717059	3.23	4 1-	4ACSR	0	0	1654	335	41	2	2	0.00	1.66	0
CO16013+	CO16012	3.28	3 1-	4ACSR	0	0	1635	334	26	1	1	0.00	1.66	0
CO16014+	CO16013	3.31	2 1-	4ACSR	0	0	1624	333	25	1	1	0.00	1.66	0
CO16015+	CO16014	3.37	1 1-	4ACSR	0	0	1602	332	11	0	1	0.00	1.66	0
CO16006+	CO16002	3.10	1 1-	4ACSR	0	0	1688	336	6	0	0	0.00	1.59	0
OC-49092676+	CO16006	3.10	1 1-	20 N FUSE	0	0	1688	336	6	0	2	0.00	1.59	0
CO16007+	OC-49092676	3.39	1 1-	4ACSR	0	0	1579	330	6	0	0	0.00	1.59	0
CO16003+	CO16002	3.03	3 1-	4ACSR	0	0	1719	338	24	1	1	0.00	1.59	0
OC121863833+	CO16003	3.03	3 1-	20 N FUSE	0	0	1719	338	24	1	8	0.00	1.59	0
CO16004+	OC121863833	3.07	3 1-	4ACSR	0	0	1704	337	24	1	1	0.00	1.59	0
CO16005+	CO16004	3.10	1 1-	4ACSR	0	0	1689	336	15	1	1	0.00	1.59	0
CO15997+	CO15996	2.98	3 1-	4ACSR	0	0	1710	336	8	0	0	0.00	1.48	0
OC-1525615919+	CO15997	2.98	2 1-	20 N FUSE	0	0	1710	336	1	0	0	0.00	1.48	0
CO15998+	OC-1525615919	3.05	2 1-	4ACSR	0	0	1682	334	1	0	0	0.00	1.48	0
CO15897+	CO15998	3.10	1 1-	4ACSR	0	0	1661	333	0	0	0	0.00	1.48	0
CO15999+	CO15998	3.11	1 1-	4ACSR	0	0	1656	333	1	0	0	0.00	1.48	0
CO15982+	CO15988	2.59	2 1-	4ACSR	0	0	1836	340	41	2	2	0.00	1.33	0
OC1160714839+	CO15982	2.59	2 1-	20 N FUSE	0	0	1836	340	41	2	14	0.00	1.33	0
CO15983+	OC1160714839	2.63	2 1-	4ACSR	0	0	1821	340	41	2	2	0.00	1.34	0
CO15984+	CO15983	2.67	1 1-	4ACSR	0	0	1800	339	16	1	1	0.00	1.34	0
CO15985+	CO15984	2.77	1 1-	4ACSR	0	0	1758	337	16	1	1	0.00	1.34	0
CO15886+	CO15872	1.74	4 2-	4ACSR	0	2282	2125	345	25	0	1	0.00	0.91	0
OC-2032052950+	CO15886	1.74	0 2-	20 N FUSE	0	2282	2125	345	0	0	0	0.00	0.91	0
CO-11207904+	CO15886	1.76	3 1-	2ACSR	0	0	2118	345	25	1	1	0.00	0.91	0
CO15989+	CO15994	1.68	3 1-	4ACSR	0	0	2143	345	16	1	1	0.00	0.87	0
OC1760263424+	CO15989	1.68	1 1-	20 N FUSE	0	0	2143	345	4	0	1	0.00	0.87	0
CO15990+	OC1760263424	1.73	1 1-	4ACSR	0	0	2113	344	4	0	0	0.00	0.87	0
CO15260+	CO15391	0.61	1 1-	1/0PRIURD	0	0	2694	884	20	1	1	0.00	0.37	0
OC-2060606951+	CO15260	0.61	0 1-	20 N FUSE	0	0	2694	884	0	0	0	0.00	0.37	0
CO15489+	CO15391	0.66	5 3-	4ACSR	2754	2730	2653	352	1073	24	18	0.04	0.41	64
CO15233+	CO15489	0.68	1 1-	4ACSR	0	0	2633	352	420	28	21	0.02	0.42	11
260764002+	CO15233	0.68	1 1-	Consumer	0	0	2633	352	420	28	0	0.00	0.42	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15488+	CO15489	0.70	4 3-	4ACSR	2731	2703	2619	351	653	15	11	0.01	0.42	13
CO15490+	CO15488	0.72	2 3-	4ACSR	2718	2687	2600	351	623	14	10	0.01	0.42	7
CO15249+	CO15490	0.74	1 1-	4ACSR	0	0	2580	350	0	0	0	0.00	0.42	0
260765075+	CO15490	0.72	1 3-	Consumer	2718	2687	2600	351	623	14	0	0.00	0.42	0
CO15231+	CO15345	0.62	2 1-	4ACSR	0	0	2678	352	28	1	1	0.00	0.35	0
OC169419107+	CO15231	0.62	0 1-	20 N FUSE	0	0	2678	352	0	0	0	0.00	0.35	0
CO15508+	CO15507	0.02	160 3-	750 MCM - 42 Wi	3058	3094	3112	357	3134	69	6	0.00	0.01	3
Hospital+	CO15508	0.02	160 3-	WVE	3058	3094	3112	357	3134	69	12	0.00	0.01	0
CO15371+	Hospital	0.02	160 3-	4/0ACSR	3055	3089	3107	357	3134	69	21	0.00	0.01	9
CO15373+	CO15371	0.03	160 3-	4/0ACSR	3053	3085	3103	357	3134	69	21	0.00	0.01	8
CO17260+	CO15373	0.06	160 3-	4/0ACSR	3037	3063	3079	357	3134	69	21	0.01	0.02	42
CO15372+	CO17260	0.12	160 3-	4/0ACSR	3007	3020	3033	357	3133	69	21	0.02	0.04	84
CO15180+	CO15372	0.17	75 3-	4/0ACSR	2985	2995	2998	356	1706	38	11	0.01	0.05	19
CO15375+	CO15180	0.17	75 3-	4/0ACSR	2981	2990	2992	356	1706	38	11	0.00	0.05	4
CO15374+	CO15375	0.19	73 3-	4/0ACSR	2974	2982	2981	356	1666	37	11	0.00	0.05	6
CO15376+	CO15374	0.31	70 3-	4/0ACSR	2915	2915	2893	355	1623	36	11	0.02	0.07	46
CO15182+	CO15376	0.42	63 3-	4/0ACSR	2866	2859	2820	355	1249	27	8	0.01	0.09	23
OC33870724+	CO15182	0.42	57 3-	20 N FUSE	2866	2859	2820	355	1197	26	133	0.00	0.09	0
CO708956542+	OC33870724	0.45	7 3-	2ACSR	2852	2844	2799	354	94	2	1	0.00	0.09	0
CO-1871149795+	CO708956542	0.50	4 3-	2ACSR	2824	2812	2756	354	48	1	1	0.00	0.09	0
CO15378+	OC33870724	0.46	44 3-	4/0ACSR	2846	2837	2791	355	558	12	4	0.00	0.09	0
CO15377+	CO15378	0.51	44 3-	4/0ACSR	2825	2813	2760	354	558	12	4	0.00	0.09	0
OC721550299+	CO15377	0.51	37 3-	20 N FUSE	2825	2813	2760	354	462	10	52	0.00	0.09	0
CO15379+	OC721550299	0.55	37 3-	2ACSR	2803	2788	2726	354	462	10	6	0.01	0.10	4
CO157119595+	CO15379	0.58	35 3-	2ACSR	2789	2772	2706	353	434	9	5	0.00	0.10	2
CO15381+	CO157119595	0.63	35 3-	4/0ACSR	2768	2748	2676	353	434	9	3	0.00	0.10	0
CO15380+	CO15381	0.67	33 3-	4/0ACSR	2750	2728	2651	353	399	8	3	0.00	0.10	0
CO15475+	CO15380	0.69	9 1-	4ACSR	0	0	2632	352	111	7	5	0.00	0.11	0
CO15474+	CO15475	0.73	6 1-	4ACSR	0	0	2601	351	57	3	3	0.00	0.11	0
CO15472+	CO15474	0.76	6 1-	4ACSR	0	0	2582	351	57	3	3	0.00	0.11	0
CO15473+	CO15472	0.77	0 1-	4ACSR	0	0	2570	350	0	0	0	0.00	0.11	0
CO15477+	CO15380	0.69	11 1-	4ACSR	0	0	2634	352	51	3	2	0.00	0.10	0
CO15476+	CO15477	0.73	8 1-	4ACSR	0	0	2600	351	44	2	2	0.00	0.11	0
CO15481+	CO15476	0.77	3 1-	4ACSR	0	0	2571	350	20	1	1	0.00	0.11	0
CO15480+	CO15481	0.82	0 1-	4ACSR	0	0	2527	349	0	0	0	0.00	0.11	0
CO15479+	CO15476	0.78	1 1-	4ACSR	0	0	2560	350	5	0	0	0.00	0.11	0
CO15478+	CO15476	0.77	4 1-	4ACSR	0	0	2574	350	18	1	1	0.00	0.11	0
CO15382+	CO15380	0.71	13 3-	4/0ACSR	2734	2709	2628	352	237	5	2	0.00	0.10	0
CO15384+	CO15382	0.75	12 3-	4/0ACSR	2716	2689	2603	352	209	4	1	0.00	0.10	0
CO15383+	CO15384	0.77	11 3-	4/0ACSR	2707	2679	2590	352	198	4	1	0.00	0.11	0
CO17244+	CO15383	0.87	9 3-	4/0ACSR	2666	2633	2534	351	175	3	1	0.00	0.11	0
CO15958+	CO17244	0.91	9 3-	4/0ACSR	2650	2615	2512	351	175	3	1	0.00	0.11	0
CO15961+	CO15958	0.97	7 3-	4ACSR	2622	2581	2471	350	97	2	2	0.00	0.11	0
CO15962+	CO15961	1.06	6 3-	4ACSR	2571	2521	2400	348	72	1	1	0.00	0.11	0
CO15876+	CO15962	1.12	3 3-	2ACSR	2545	2491	2365	347	25	0	0	0.00	0.11	0
CO15963+	CO15876	1.16	1 1-	4ACSR	0	0	2334	346	0	0	0	0.00	0.11	0
OC2055879493+	CO15963	1.16	1 1-	20 N FUSE	0	0	2334	346	0	0	0	0.00	0.11	0
CO15964+	OC2055879493	1.22	1 1-	4ACSR	0	0	2289	345	0	0	0	0.00	0.11	0
CO15965+	CO15962	1.08	3 3-	4ACSR	2564	2512	2390	347	47	1	1	0.00	0.11	0
CO15894+	CO15965	1.10	1 1-	4ACSR	0	0	2371	347	34	2	2	0.00	0.11	0
CO15966+	CO15965	1.16	1 1-	4ACSR	0	0	2330	346	6	0	0	0.00	0.11	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO15959+	CO15958	0.94	2 3-	4ACSR	2636	2597	2491	350	78	1	1	0.00	0.11	0
CO17183+	CO15959	0.99	1 3-	4ACSR	2613	2571	2459	349	67	1	1	0.00	0.11	0
CO15960+	CO15959	0.96	1 3-	4ACSR	2626	2586	2477	350	11	0	0	0.00	0.11	0
CO15241+	CO15383	0.82	2 1-	4ACSR	0	0	2553	351	23	1	1	0.00	0.11	0
CO808551944+	CO15379	0.58	0 3-	2ACSR	2787	2770	2703	353	0	0	0	0.00	0.10	0
CO1130590267+	CO808551944	0.63	0 3-	2ACSR	2763	2742	2667	352	0	0	0	0.00	0.10	0
CO-697972288+	CO1130590267	0.68	0 3-	2ACSR	2739	2715	2631	352	0	0	0	0.00	0.10	0
CO-640866507+	CO-697972288	0.72	0 3-	2ACSR	2720	2693	2604	351	0	0	0	0.00	0.10	0
CO15470+	CO15377	0.54	6 1-	4ACSR	0	0	2739	354	95	6	5	0.00	0.09	0
OC-1309509991+	CO15470	0.54	5 1-	20 N FUSE	0	0	2739	354	76	5	26	0.00	0.09	0
CO15469+	OC-1309509991	0.60	5 1-	4ACSR	0	0	2689	352	76	5	4	0.01	0.10	0
CO15471+	CO15469	0.64	3 1-	4ACSR	0	0	2654	351	57	3	3	0.00	0.10	0
CO15467+	OC33870724	0.44	6 3-	4ACSR	2854	2845	2801	354	545	12	9	0.00	0.09	4
CO15466+	CO15467	0.50	5 3-	4ACSR	2820	2804	2746	353	484	10	8	0.01	0.10	11
CO15500+	CO15466	0.54	1 3-	2ACSR	2802	2785	2720	352	337	7	4	0.00	0.11	0
CO15499+	CO15500	0.57	1 3-	2ACSR	2783	2763	2692	352	337	7	4	0.00	0.11	0
260765047+	CO15499	0.57	1 3-	Consumer	2783	2763	2692	352	337	7	0	0.00	0.11	0
CO15468+	CO15466	0.52	4 3-	4ACSR	2810	2794	2732	353	147	3	2	0.00	0.10	0
CO15181+	CO15376	0.37	6 3-	4/0ACSR	2888	2885	2853	355	256	5	2	0.00	0.07	0
CO15245+	CO15181	0.39	1 3-	1/0PRIURD	2887	2884	2846	896	130	2	2	0.00	0.07	0
OC1094632428+	CO15245	0.39	0 3-	20 N FUSE	2887	2884	2846	896	0	0	0	0.00	0.07	0
CO15464+	CO15181	0.39	5 3-	4ACSR	2879	2874	2838	355	126	2	2	0.00	0.07	0
CO15462+	CO15464	0.41	4 3-	4ACSR	2865	2857	2815	354	51	1	1	0.00	0.07	0
CO15463+	CO15462	0.45	2 3-	4ACSR	2843	2831	2780	353	29	0	0	0.00	0.07	0
CO17173+	CO15463	0.54	1 3-	4ACSR	2794	2773	2704	351	22	0	0	0.00	0.08	0
CO15957+	CO17173	0.58	0 3-	4ACSR	2769	2743	2667	350	0	0	0	0.00	0.08	0
CO15243+	CO15376	0.35	1 3-	1/0PRIURD	2913	2907	2867	897	118	2	2	0.00	0.07	0
OC27806427+	CO15243	0.35	0 3-	20 N FUSE	2913	2907	2867	897	0	0	0	0.00	0.07	0
CO15248+	CO15374	0.20	1 1-	2ACSR	0	0	2967	356	27	1	1	0.00	0.05	0
OC929369398+	CO15248	0.20	0 1-	20 N FUSE	0	0	2967	356	0	0	0	0.00	0.05	0
CO15179+	CO15372	0.19	85 3-	4/0ACSR	2974	2982	2982	356	1427	31	9	0.01	0.05	19
CO15183+	CO15179	0.25	71 3-	4/0ACSR	2944	2947	2935	356	1174	26	8	0.01	0.06	13
CO15242+	CO15183	0.30	1 3-	4ACSR	2917	2916	2891	355	392	8	6	0.01	0.07	5
260765030+	CO15242	0.30	1 3-	Consumer	2917	2916	2891	355	392	8	0	0.00	0.07	0
CO15485+	CO15183	0.30	6 1-	4ACSR	0	0	2888	355	59	3	3	0.00	0.06	0
CO15484+	CO15485	0.32	0 1-	4ACSR	0	0	2868	354	0	0	0	0.00	0.06	0
CO15385+	CO15183	0.28	64 3-	4/0ACSR	2931	2933	2915	356	722	16	5	0.00	0.06	0
CO15386+	CO15385	0.33	62 3-	4/0ACSR	2909	2908	2883	355	676	15	4	0.00	0.06	3
CO15390+	CO15386	0.35	53 3-	4/0ACSR	2896	2893	2864	355	608	13	4	0.00	0.06	0
CO15389+	CO15390	0.40	53 3-	4/0ACSR	2876	2870	2834	355	608	13	4	0.00	0.07	2
CO15387+	CO15389	0.42	47 3-	4/0ACSR	2865	2858	2818	355	562	12	4	0.00	0.07	0
CO15388+	CO15387	0.44	39 3-	4/0ACSR	2856	2848	2805	355	514	11	3	0.00	0.07	0
CO17172+	CO15388	0.48	38 3-	4/0ACSR	2840	2829	2781	354	484	10	3	0.00	0.07	0
OC-289440322+	CO17172	0.48	31 3-	20 N FUSE	2840	2829	2781	354	387	8	43	0.00	0.07	0
CO15875+	OC-289440322	0.53	30 3-	4/0ACSR	2815	2801	2745	354	354	7	2	0.00	0.07	0
CO15945+	CO15875	0.62	28 1-	4ACSR	0	0	2675	352	337	22	16	0.04	0.11	21
OC-923336956+	CO15945	0.62	27 1-	10 N FUSE	0	0	2675	352	320	21	214	0.00	0.11	0
CO15946+	OC-923336956	0.66	27 1-	4ACSR	0	0	2636	351	320	21	15	0.02	0.13	10
CO15941+	CO15946	0.71	21 1-	4ACSR	0	0	2599	350	265	17	13	0.02	0.15	7
CO15942+	CO15941	0.75	18 1-	4ACSR	0	0	2567	349	242	16	12	0.01	0.16	5
CO15943+	CO15942	0.76	15 1-	4ACSR	0	0	2555	349	192	12	9	0.00	0.17	0
CO15944+	CO15943	0.80	15 1-	4ACSR	0	0	2520	348	192	12	9	0.01	0.18	3

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO16019+	CO15944	0.86	10 1-	4ACSR	0	0	2474	347	77	5	4	0.01	0.18	0
CO15893+	CO16019	0.90	1 1-	4ACSR	0	0	2443	346	7	0	0	0.00	0.18	0
CO16020+	CO16019	0.90	9 1-	4ACSR	0	0	2445	346	69	4	3	0.00	0.19	0
CO17182+	CO16020	0.96	6 1-	4ACSR	0	0	2393	345	47	3	2	0.00	0.19	0
CO15261+	CO17182	1.03	1 1-	1/0PRIURD	0	0	2355	823	1	0	0	0.00	0.19	0
CO15483+	CO17182	0.99	5 1-	4ACSR	0	0	2368	344	46	3	2	0.00	0.19	0
CO15482+	CO15483	1.02	0 1-	4ACSR	0	0	2344	343	0	0	0	0.00	0.19	0
CO15939+	CO15944	0.85	3 1-	4ACSR	0	0	2480	347	84	5	4	0.01	0.18	0
CO15940+	CO15939	0.88	2 1-	4ACSR	0	0	2454	346	55	3	3	0.00	0.18	0
CO15947+	CO15875	0.54	2 1-	4ACSR	0	0	2737	354	17	1	1	0.00	0.07	0
OC1103329423+	CO15947	0.54	2 1-	20 N FUSE	0	0	2737	354	17	1	6	0.00	0.07	0
CO15949+	OC1103329423	0.61	2 1-	4ACSR	0	0	2681	352	17	1	1	0.00	0.07	0
CO15950+	CO15949	0.71	2 1-	4ACSR	0	0	2596	350	17	1	1	0.00	0.08	0
CO15951+	CO15950	0.74	2 1-	4ACSR	0	0	2569	349	17	1	1	0.00	0.08	0
CO15952+	CO15951	0.77	1 1-	4ACSR	0	0	2545	349	13	0	1	0.00	0.08	0
CO15953+	CO15952	0.83	0 1-	4ACSR	0	0	2499	347	0	0	0	0.00	0.08	0
CO15954+	CO15953	0.84	0 1-	4ACSR	0	0	2487	347	0	0	0	0.00	0.08	0
CO15948+	OC1103329423	0.58	0 1-	1/0PRIURD	0	0	2718	884	0	0	0	0.00	0.07	0
CO15896+	OC-289440322	0.51	1 3-	4ACSR	2823	2809	2754	354	33	0	1	0.00	0.07	0
CO15955+	CO17172	0.67	6 1-	4ACSR	0	0	2614	350	75	5	4	0.02	0.09	3
CO17181+	CO15955	0.72	6 1-	4ACSR	0	0	2576	349	75	5	4	0.00	0.09	0
CO15465+	CO17181	0.75	0 1-	4ACSR	0	0	2547	348	0	0	0	0.00	0.09	0
CO15956+	CO15955	0.72	0 1-	4ACSR	0	0	2570	349	0	0	0	0.00	0.09	0
CO15460+	CO15179	0.22	13 3-	4ACSR	2957	2962	2953	356	176	3	3	0.00	0.05	0
CO15240+	CO15460	0.24	1 3-	4ACSR	2946	2950	2935	355	17	0	0	0.00	0.05	0
CO15458+	CO15460	0.26	11 3-	4ACSR	2936	2938	2918	355	143	3	2	0.00	0.05	0
CO15459+	CO15458	0.29	10 3-	4ACSR	2915	2913	2883	354	137	3	2	0.00	0.06	0
CO15461+	CO15459	0.36	6 1-	4ACSR	0	0	2819	352	63	4	3	0.00	0.06	0
CO17184+	CO15461	0.39	3 1-	4ACSR	0	0	2789	352	23	1	1	0.00	0.06	0
SUB	5 total losses:	\$104,998												

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 8 SHARKEY		1100			2778	2849	2878	355	11484					
CO2825+	SHARKEY	0.00	1100 3-	500 MCM ACSR 30	2777	2847	2876	355	11484	258	37	0.00	0.00	30
CO2826+	CO2825	0.01	1100 3-	500 MCM ACSR 30	2775	2845	2874	355	11484	258	37	0.00	0.00	30
CO2824+	CO2826	0.02	1 3-	500 MCM ACSR 30	2770	2838	2866	355	156	3	1	0.00	0.01	0
Ind Park+	CO2824	0.02	1 3-	WVE	2770	2838	2866	355	156	3	1	0.00	0.01	0
CO2416+	Ind Park	0.14	1 3-	500PRIURD	2777	2804	2811	892	156	3	1	0.00	0.01	0
CO2418+	CO2416	0.32	1 3-	500PRIURD	2787	2801	2735	884	156	3	1	0.00	0.01	0
CO-2129126233+	CO2418	0.41	1 1-	1/0PRIURD	0	0	2674	877	156	12	8	0.02	0.02	4
CO1602330975+	CO-2129126233	0.48	1 1-	1/0PRIURD	0	0	2648	871	156	12	8	0.01	0.03	0
CO2421+	CO2418	0.38	0 3-	500PRIURD	2791	2800	2707	881	0	0	0	0.00	0.01	0
CO2422+	CO2421	0.45	0 3-	500PRIURD	2795	2799	2679	878	0	0	0	0.00	0.01	0
CO2423+	CO2422	0.56	0 3-	500PRIURD	2801	2796	2633	872	0	0	0	0.00	0.01	0
CO2424+	CO2423	0.70	0 3-	500PRIURD	2809	2792	2576	866	0	0	0	0.00	0.01	0
CO2823+	CO2826	0.02	4 3-	500 MCM ACSR 30	2770	2838	2866	355	2660	59	9	0.00	0.01	6
Family Dollar+	CO2823	0.02	4 3-	WVE	2770	2838	2866	355	2660	59	11	0.00	0.01	0
CO2655+	Family Dollar	0.04	4 3-	1/0ACSR	2764	2828	2856	355	2660	59	26	0.01	0.01	29
CO2652+	CO2655	0.06	4 3-	1/0ACSR	2752	2810	2837	355	2660	59	26	0.01	0.03	50
CO2654+	CO2652	0.19	4 3-	1/0ACSR	2694	2721	2743	353	2659	59	26	0.06	0.09	257
CO2653+	CO2654	0.22	4 3-	1/0ACSR	2676	2697	2715	353	2658	59	26	0.02	0.11	81
CO2815+	CO2653	0.38	1 3-	1/0PRIURD	2664	2663	2624	869	2185	49	33	0.06	0.17	213
390437020+	CO2815	0.38	1 3-	Consumer	2664	2663	2624	869	2184	49	0	0.00	0.17	0
CO2489+	CO2653	0.33	2 1-	2ACSR	0	0	2632	351	430	29	16	0.03	0.14	11
CO2425+	CO2653	0.39	1 3-	1/0PRIURD	2663	2660	2617	868	43	1	1	0.00	0.11	0
CO2414+	CO2425	0.53	1 3-	500PRIURD	2670	2655	2560	862	43	0	0	0.00	0.11	0
CO2814+	CO2414	0.68	1 1-	1/0PRIURD	0	0	2476	851	43	2	2	0.00	0.12	0
CO507530292+	CO2414	0.54	0 1-	1/0PRIURD	0	0	2557	861	0	0	0	0.00	0.11	0
CO2822+	CO2826	0.02	533 3-	500 MCM ACSR 30	2771	2840	2868	355	4476	100	15	0.00	0.01	14
801-Farmers+	CO2822	0.02	533 3-	200 120WVE	2771	2840	2868	355	4476	100	0	0.00	0.01	0
CO2656+	801-Farmers	0.04	533 3-	336ACSR	2765	2831	2858	355	4476	100	19	0.01	0.01	30
CO2658+	CO2656	0.06	533 3-	336ACSR	2758	2820	2846	355	4475	100	19	0.01	0.02	37
CO2657+	CO2658	0.09	533 3-	336ACSR	2748	2805	2830	355	4475	100	19	0.01	0.03	52
CO2813+	CO2657	0.25	531 3-	336ACSR	2690	2719	2735	354	4384	99	19	0.06	0.09	297
CO2812+	CO2813	0.35	531 3-	336ACSR	2658	2674	2685	354	4383	99	19	0.03	0.12	167
CO2647+	CO2812	0.54	531 3-	336ACSR	2596	2595	2588	353	4382	99	19	0.07	0.19	340
CO2808+	CO2647	0.76	531 3-	336ACSR	2530	2519	2489	352	4380	99	19	0.07	0.26	371
CO2807+	CO2808	0.84	530 3-	336ACSR	2506	2490	2452	352	4376	99	19	0.03	0.29	146
CO2845+	CO2807	0.85	0 3-	1/0ACSR	2503	2487	2448	352	0	0	0	0.00	0.29	0
CO2844+	CO2845	0.85	0 3-	1/0ACSR	2500	2484	2444	351	0	0	0	0.00	0.29	0
SW75-A+	CO2844	0.85	0 3-	Open	2500	2484	2444	351	0	0	0	0.00	0.29	0
CO2579+	CO2807	0.88	530 3-	1/0ACSR	2491	2473	2431	351	4375	99	43	0.03	0.32	207
CO2577+	CO2579	0.89	529 3-	1/0ACSR	2485	2467	2422	351	4372	99	43	0.01	0.33	81
CO2578+	CO2577	0.97	525 3-	1/0ACSR	2454	2432	2377	350	4356	98	43	0.07	0.40	443
CO2789+	CO2578	1.01	3 3-	2ACSR	2439	2415	2355	350	9	0	0	0.00	0.40	0
CO2788+	CO2789	1.08	1 3-	2ACSR	2407	2379	2310	348	0	0	0	0.00	0.40	0
CO2787+	CO2788	1.17	1 3-	2ACSR	2372	2338	2259	347	0	0	0	0.00	0.40	0
CO2782+	CO2788	1.18	0 1-	2ACSR	0	0	2255	347	0	0	0	0.00	0.40	0
CO2498+	CO2578	1.10	522 3-	1/0ACSR	2402	2373	2303	349	4344	98	43	0.12	0.52	755
CO2499+	CO2498	1.12	522 3-	1/0ACSR	2395	2366	2295	349	4341	98	43	0.01	0.53	93
CO2855+	CO2499	1.19	522 3-	1/0ACSR	2367	2335	2256	348	4341	98	43	0.06	0.60	413

Substation Power Factor: 0.98

Load Factor: 0.65

Loss Factor: 0.46

Cost: 0.0530 per kWh

Run Date:

Case: 2008-2009 CONSTRUCTION WORK PLAN - FUTURE WINTER 2008-09 SYSTEM AFTER IMPROVEMENTS
 Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2668+	CO2855	1.33	3 1-	4ACSR	0	0	2168	345	18	1	1	0.00	0.60	0
CO2665+	CO2668	1.40	2 1-	4ACSR	0	0	2126	343	11	0	1	0.00	0.60	0
CO2667+	CO2665	1.45	1 1-	4ACSR	0	0	2095	342	7	0	0	0.00	0.60	0
CO2666+	CO2667	1.50	1 1-	4ACSR	0	0	2066	341	7	0	0	0.00	0.60	0
CO2384+	CO2855	1.23	517 3-	1/0ACSR	2355	2321	2238	347	4313	97	43	0.03	0.63	190
CO2840+	CO2384	1.27	1 1-	4ACSR	0	0	2215	347	7	0	0	0.00	0.63	0
OC78+	CO2840	1.27	1 1-	10 N FUSE	0	0	2215	347	7	0	5	0.00	0.63	0
CO2841+	OC78	1.28	1 1-	4ACSR	0	0	2208	346	7	0	0	0.00	0.63	0
CO2502+	CO2841	1.47	0 1-	4ACSR	0	0	2092	342	0	0	0	0.00	0.63	0
CO2503+	CO2502	1.57	0 1-	4ACSR	0	0	2031	340	0	0	0	0.00	0.63	0
CO2504+	CO2503	1.63	0 1-	4ACSR	0	0	1998	339	0	0	0	0.00	0.63	0
CO2851+	CO2504	1.70	0 1-	4ACSR	0	0	1957	337	0	0	0	0.00	0.63	0
CO2852+	CO2851	1.77	0 1-	4ACSR	0	0	1921	336	0	0	0	0.00	0.63	0
CO2664+	CO2852	1.88	0 1-	4ACSR	0	0	1860	333	0	0	0	0.00	0.63	0
CO2383+	CO2384	1.30	516 3-	1/0ACSR	2330	2293	2205	347	4305	97	43	0.06	0.68	362
CO2497+	CO2383	1.42	511 3-	1/0ACSR	2286	2244	2146	345	4291	97	42	0.10	0.79	664
CO2496+	CO2497	1.59	509 3-	1/0ACSR	2228	2179	2069	344	4277	97	42	0.14	0.93	912
CO8213+	CO2496	1.76	509 3-	1/0ACSR	2170	2115	1995	342	4273	97	42	0.15	1.08	932
CO1837+	CO8213	1.81	2 1-	4ACSR	0	0	1969	341	0	0	0	0.00	1.08	0
CO1838+	CO1837	1.84	0 1-	4ACSR	0	0	1951	340	0	0	0	0.00	1.08	0
CO1728+	CO1837	1.86	2 1-	4ACSR	0	0	1938	340	0	0	0	0.00	1.08	0
CO1988+	CO1728	1.88	2 1-	4ACSR	0	0	1929	339	0	0	0	0.00	1.08	0
CO8384+	CO1988	1.92	2 1-	4ACSR	0	0	1909	338	0	0	0	0.00	1.08	0
CO1729+	CO8213	1.83	507 3-	1/0ACSR	2145	2087	1964	341	4268	97	42	0.06	1.14	407
CO1991+	CO1729	1.96	507 3-	1/0ACSR	2105	2043	1914	340	4266	97	42	0.11	1.25	686
CO1989+	CO1991	2.16	495 3-	1/0ACSR	2043	1975	1838	338	4100	93	41	0.16	1.41	1005
CO-1034761606+	CO1989	2.24	0 1-	2ACSR	0	0	1804	336	0	0	0	0.00	1.41	0
CO1672+	CO1989	2.20	495 3-	1/0ACSR	2032	1963	1825	337	4096	93	41	0.03	1.44	189
CO1995+	CO1672	2.25	495 3-	1/0ACSR	2015	1944	1804	337	4095	93	41	0.05	1.49	290
CO1994+	CO1995	2.33	494 3-	1/0ACSR	1992	1919	1776	336	4093	93	41	0.07	1.56	406
CO1740+	CO1994	2.36	494 3-	1/0ACSR	1985	1912	1769	336	4091	93	41	0.02	1.58	114
CO1834+	CO1740	2.41	4 1-	4ACSR	0	0	1744	334	45	3	2	0.00	1.58	0
CO1833+	CO1834	2.44	2 1-	4ACSR	0	0	1731	334	17	1	1	0.00	1.58	0
CO1527+	CO1740	2.43	490 3-	1/0ACSR	1964	1888	1744	335	4046	92	40	0.06	1.64	372
CO2019+	CO1527	2.44	246 3-	1/0ACSR	1962	1886	1741	335	2070	47	21	0.00	1.64	9
OC64+	CO2019	2.44	246 3-	100 E OCR	1962	1886	1741	335	2070	47	47	0.00	1.64	0
CO2020+	OC64	2.48	246 3-	1/0ACSR	1951	1875	1729	334	2070	47	21	0.02	1.66	48
CO1911+	CO2020	2.58	246 3-	1/0ACSR	1922	1843	1695	333	2070	47	21	0.04	1.70	138
CO1912+	CO1911	2.61	246 3-	1/0ACSR	1914	1835	1686	333	2069	47	21	0.01	1.71	36
CO1565+	CO1912	2.65	1 1-	4ACSR	0	0	1670	332	62	4	3	0.00	1.71	0
CO1519+	CO1912	2.65	245 3-	1/0ACSR	1904	1824	1674	333	2007	45	20	0.02	1.73	46
CO1554+	CO1519	2.66	1 3-	2ACSR	1900	1820	1671	333	142	3	2	0.00	1.73	0
CO1555+	CO1554	2.70	1 3-	1/0PRIURD	1898	1815	1661	742	142	3	2	0.00	1.73	0
CO1818+	CO1519	2.69	2 1-	4ACSR	0	0	1659	332	20	1	1	0.00	1.73	0
CO1819+	CO1818	2.73	1 1-	4ACSR	0	0	1644	331	14	0	1	0.00	1.73	0
CO1518+	CO1519	2.78	242 3-	1/0ACSR	1870	1787	1636	331	1845	42	18	0.05	1.77	131
CO1767+	CO1518	2.79	229 3-	1/0ACSR	1867	1784	1632	331	1733	39	17	0.00	1.78	11
CO1766+	CO1767	2.85	229 3-	1/0ACSR	1852	1769	1616	331	1733	39	17	0.02	1.80	50
CO1534+	CO1766	2.93	228 3-	1/0ACSR	1832	1747	1593	330	1722	39	17	0.03	1.83	73
CO2007+	CO1534	2.94	24 1-	4ACSR	0	0	1590	330	231	15	11	0.00	1.83	0
OC56+	CO2007	2.94	24 1-	25 H OCR	0	0	1590	330	231	15	63	0.00	1.83	0
CO2008+	OC56	3.04	24 1-	4ACSR	0	0	1551	328	231	15	11	0.04	1.86	13

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1996+	CO2008	3.12	23 1-	4ACSR	0	0	1523	326	212	14	10	0.02	1.89	8
CO1562+	CO1996	3.18	1 1-	4ACSR	0	0	1503	325	7	0	0	0.00	1.89	0
CO1517+	CO1996	3.29	21 1-	4ACSR	0	0	1464	323	194	13	9	0.05	1.94	16
CO1754+	CO1517	3.48	13 1-	4ACSR	0	0	1402	319	98	6	5	0.03	1.97	4
CO1753+	CO1754	3.54	13 1-	4ACSR	0	0	1384	318	98	6	5	0.01	1.97	0
CO1685+	CO1753	3.60	7 1-	4ACSR	0	0	1364	317	40	2	2	0.00	1.98	0
CO1918+	CO1685	3.65	5 1-	4ACSR	0	0	1349	316	31	2	1	0.00	1.98	0
CO1641+	CO1918	4.20	4 1-	1/0PRIURD	0	0	1250	636	18	1	1	0.00	1.98	0
CO1919+	CO1918	3.69	1 1-	4ACSR	0	0	1338	315	12	0	1	0.00	1.98	0
CO1814+	CO1753	3.64	2 1-	4ACSR	0	0	1352	316	9	0	0	0.00	1.97	0
CO1815+	CO1814	3.70	2 1-	4ACSR	0	0	1335	315	9	0	0	0.00	1.98	0
CO1920+	CO1753	3.60	3 1-	4ACSR	0	0	1363	317	33	2	2	0.00	1.98	0
CO1922+	CO1920	3.68	3 1-	4ACSR	0	0	1341	315	33	2	2	0.00	1.98	0
CO1921+	CO1922	3.76	1 1-	4ACSR	0	0	1316	314	12	0	1	0.00	1.98	0
CO1923+	CO1921	3.79	0 1-	4ACSR	0	0	1307	313	0	0	0	0.00	1.98	0
CO1924+	CO1923	3.87	0 1-	4ACSR	0	0	1286	312	0	0	0	0.00	1.98	0
CO1564+	CO1517	3.41	2 1-	1/0PRIURD	0	0	1441	686	10	0	0	0.00	1.94	0
CO1563+	CO1517	3.33	1 1-	1/0PRIURD	0	0	1456	690	27	1	1	0.00	1.94	0
CO1653+	CO1517	3.31	5 1-	4ACSR	0	0	1456	322	58	4	3	0.00	1.94	0
CO1720+	CO1653	3.37	4 1-	4ACSR	0	0	1437	321	50	3	2	0.00	1.94	0
CO1977+	CO1720	3.38	3 1-	4ACSR	0	0	1432	321	35	2	2	0.00	1.94	0
CO1973+	CO1977	3.43	3 1-	4ACSR	0	0	1417	320	35	2	2	0.00	1.95	0
CO1976+	CO1973	3.49	2 1-	4ACSR	0	0	1398	319	28	1	1	0.00	1.95	0
CO1974+	CO1976	3.54	2 1-	4ACSR	0	0	1381	318	28	1	1	0.00	1.95	0
CO1975+	CO1974	3.57	2 1-	4ACSR	0	0	1372	317	28	1	1	0.00	1.95	0
CO1654+	CO1653	3.38	1 1-	4ACSR	0	0	1432	321	9	0	0	0.00	1.94	0
CO1588+	CO1654	3.43	1 1-	1/0PRIURD	0	0	1424	681	9	0	0	0.00	1.94	0
CO1755+	CO1534	3.01	201 3-	1/0ACSR	1812	1725	1571	329	1460	33	15	0.02	1.85	51
CO1756+	CO1755	3.05	201 3-	1/0ACSR	1802	1716	1561	329	1460	33	15	0.01	1.86	24
CO1741+	CO1756	3.18	199 3-	1/0ACSR	1771	1682	1526	327	1452	33	14	0.04	1.90	84
CO1742+	CO1741	3.21	198 3-	1/0ACSR	1764	1675	1519	327	1443	33	14	0.01	1.91	17
CO1940+	CO1742	3.28	197 3-	1/0ACSR	1748	1658	1502	327	1443	33	14	0.02	1.93	43
CO1939+	CO1940	3.29	196 3-	1/0ACSR	1744	1654	1497	326	1434	32	14	0.00	1.93	11
CO1643+	CO1939	3.39	10 1-	1/0PRIURD	0	0	1479	703	111	7	5	0.01	1.94	0
CO1644+	CO1643	3.42	8 1-	1/0PRIURD	0	0	1473	702	91	6	4	0.00	1.94	0
CO1645+	CO1644	3.46	8 1-	1/0PRIURD	0	0	1466	699	91	6	4	0.00	1.94	0
CO1646+	CO1645	3.51	5 1-	1/0PRIURD	0	0	1457	697	51	3	2	0.00	1.95	0
CO1647+	CO1646	3.60	5 1-	1/0PRIURD	0	0	1441	692	51	3	2	0.00	1.95	0
CO1648+	CO1647	3.77	1 1-	1/0PRIURD	0	0	1409	683	13	0	1	0.00	1.95	0
CO1625+	CO1645	3.53	1 1-	1/0PRIURD	0	0	1450	696	18	1	1	0.00	1.95	0
CO1629+	CO1643	3.46	1 1-	1/0PRIURD	0	0	1465	700	10	0	0	0.00	1.94	0
CO1937+	CO1939	3.31	185 3-	1/0ACSR	1740	1649	1492	326	1322	30	13	0.01	1.94	11
CO1938+	CO1937	3.33	185 3-	1/0ACSR	1736	1646	1489	326	1322	30	13	0.00	1.94	7
CO1693+	CO1938	3.45	183 3-	1/0ACSR	1710	1618	1460	325	1313	30	13	0.03	1.97	62
CO2013+	CO1693	3.45	53 3-	1/0ACSR	1708	1616	1459	325	514	11	5	0.00	1.97	0
OC59+	CO2013	3.45	53 3-	10 N FUSE	1708	1616	1459	325	514	11	118	0.00	1.97	0
CO2014+	OC59	3.49	53 3-	1/0ACSR	1699	1607	1449	324	514	11	5	0.00	1.98	3
CO1752+	CO2014	3.53	53 3-	1/0ACSR	1691	1598	1440	324	514	11	5	0.00	1.98	3
CO1750+	CO1752	3.56	33 3-	1/0ACSR	1685	1592	1434	324	371	8	4	0.00	1.98	0
CO1751+	CO1750	3.59	33 3-	1/0ACSR	1679	1585	1427	323	371	8	4	0.00	1.98	0
CO1691+	CO1751	3.63	21 1-	4ACSR	0	0	1415	323	199	13	10	0.01	2.00	4
CO1723+	CO1691	3.69	20 1-	4ACSR	0	0	1394	321	184	12	9	0.02	2.02	6

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1981+	CO1723	3.74	17 1-	4ACSR	0	0	1379	320	173	11	9	0.01	2.03	4
CO1982+	CO1981	3.76	15 1-	4ACSR	0	0	1375	320	152	10	8	0.00	2.03	0
CO1983+	CO1982	3.83	13 1-	4ACSR	0	0	1353	319	132	9	7	0.01	2.05	3
CO1882+	CO1983	3.88	7 1-	4ACSR	0	0	1338	318	90	6	4	0.01	2.05	0
CO1887+	CO1882	3.91	6 1-	4ACSR	0	0	1331	317	84	5	4	0.00	2.06	0
CO1884+	CO1887	3.94	5 1-	4ACSR	0	0	1322	317	71	4	4	0.00	2.06	0
CO1886+	CO1884	4.03	2 1-	4ACSR	0	0	1298	315	40	2	2	0.01	2.07	0
CO1885+	CO1886	4.12	2 1-	4ACSR	0	0	1272	313	40	2	2	0.01	2.07	0
CO1888+	CO1885	4.15	1 1-	4ACSR	0	0	1265	313	5	0	0	0.00	2.07	0
CO1590+	CO1885	4.18	1 1-	4ACSR	0	0	1258	312	35	2	2	0.00	2.07	0
CO1883+	CO1882	3.96	1 1-	4ACSR	0	0	1317	316	7	0	0	0.00	2.05	0
CO1947+	CO1983	3.88	5 1-	4ACSR	0	0	1339	318	28	1	1	0.00	2.05	0
CO1948+	CO1947	3.93	3 1-	4ACSR	0	0	1324	317	22	1	1	0.00	2.05	0
CO1949+	CO1948	3.99	2 1-	4ACSR	0	0	1307	316	7	0	0	0.00	2.05	0
CO1950+	CO1949	4.03	1 1-	4ACSR	0	0	1296	315	5	0	0	0.00	2.05	0
CO1624+	CO1981	3.76	2 1-	2ACSR	0	0	1375	320	20	1	1	0.00	2.03	0
CO1671+	CO1751	3.62	10 1-	4ACSR	0	0	1418	323	138	9	7	0.01	1.99	0
CO1926+	CO1671	3.64	9 1-	4ACSR	0	0	1410	322	122	8	6	0.01	2.00	0
CO1813+	CO1926	3.69	5 1-	4ACSR	0	0	1395	321	80	5	4	0.01	2.00	0
CO1812+	CO1813	3.75	4 1-	4ACSR	0	0	1378	320	64	4	3	0.01	2.01	0
CO1561+	CO1812	3.77	2 1-	4ACSR	0	0	1372	320	41	2	2	0.00	2.01	0
CO1811+	CO1812	3.80	2 1-	4ACSR	0	0	1364	319	24	1	1	0.00	2.01	0
CO1810+	CO1811	3.86	1 1-	4ACSR	0	0	1344	318	18	1	1	0.00	2.01	0
CO1927+	CO1926	3.70	3 1-	4ACSR	0	0	1392	321	32	2	2	0.00	2.00	0
CO1689+	CO1927	3.74	2 1-	4ACSR	0	0	1381	321	19	1	1	0.00	2.00	0
CO1690+	CO1689	3.77	1 1-	4ACSR	0	0	1372	320	4	0	0	0.00	2.00	0
CO1633+	CO1751	3.61	2 1-	2ACSR	0	0	1421	323	33	2	1	0.00	1.99	0
CO1692+	CO1752	3.57	16 1-	4ACSR	0	0	1426	323	121	8	6	0.01	1.99	0
CO1929+	CO1692	3.63	12 1-	4ACSR	0	0	1410	322	85	5	4	0.01	1.99	0
CO1928+	CO1929	3.65	12 1-	4ACSR	0	0	1402	322	85	5	4	0.00	2.00	0
CO1936+	CO1928	3.68	8 1-	4ACSR	0	0	1393	321	71	4	3	0.00	2.00	0
CO1935+	CO1936	3.72	6 1-	4ACSR	0	0	1383	320	69	4	3	0.00	2.00	0
CO1931+	CO1935	3.74	5 1-	4ACSR	0	0	1374	320	56	3	3	0.00	2.01	0
CO1930+	CO1931	3.79	3 1-	4ACSR	0	0	1360	319	52	3	3	0.00	2.01	0
CO1639+	CO1930	3.92	1 1-	2ACSR	0	0	1330	317	19	1	1	0.00	2.01	0
CO1934+	CO1930	3.83	2 1-	4ACSR	0	0	1350	318	33	2	2	0.00	2.01	0
CO1932+	CO1934	3.87	1 1-	4ACSR	0	0	1337	317	27	1	1	0.00	2.01	0
CO1933+	CO1932	3.90	1 1-	4ACSR	0	0	1329	317	27	1	1	0.00	2.02	0
CO1636+	CO1935	3.77	1 1-	4ACSR	0	0	1368	319	13	0	1	0.00	2.01	0
CO1687+	CO1752	3.58	4 1-	4ACSR	0	0	1425	323	23	1	1	0.00	1.98	0
CO1688+	CO1687	3.64	2 1-	4ACSR	0	0	1405	322	6	0	0	0.00	1.98	0
CO1516+	CO1693	3.50	130 3-	1/0ACSR	1698	1606	1448	324	799	18	8	0.01	1.98	10
CO1557+	CO1516	3.59	1 1-	4ACSR	0	0	1418	322	5	0	0	0.00	1.98	0
CO1515+	CO1516	3.59	127 3-	1/0ACSR	1677	1584	1426	323	788	18	8	0.02	2.00	18
CO1748+	CO1515	3.61	125 3-	1/0ACSR	1673	1580	1422	323	780	17	8	0.00	2.00	3
CO1749+	CO1748	3.68	125 3-	1/0ACSR	1659	1565	1407	323	780	17	8	0.01	2.01	12
OCD245+	CO1749	3.68	125 3-	35 L OCR	1659	1565	1407	323	780	17	51	0.00	2.01	0
CO1686+	OCD245	3.76	120 1-	4ACSR	0	0	1382	321	731	50	36	0.09	2.10	111
CO1978+	CO1686	3.77	120 1-	4ACSR	0	0	1378	321	731	50	36	0.01	2.12	17
CO1721+	CO1978	3.83	120 1-	4ACSR	0	0	1362	320	730	50	36	0.06	2.18	76
CO1925+	CO1721	3.99	118 1-	4ACSR	0	0	1316	317	714	49	35	0.18	2.36	205
CO1560+	CO1925	4.03	0 1-	4ACSR	0	0	1305	316	0	0	0	0.00	2.36	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1559+	CO1925	4.02	1 1-	4ACSR	0	0	1306	316	5	0	0	0.00	2.36	0
CO1549+	CO1925	4.00	45 1-	2ACSR	0	0	1313	316	284	19	11	0.00	2.36	0
CO1649+	CO1549	4.03	45 1-	1/0PRIURD	0	0	1309	658	284	19	13	0.00	2.37	0
CO1666+	CO1649	4.08	30 1-	1/0PRIURD	0	0	1299	656	214	14	10	0.01	2.38	3
CO1667+	CO1666	4.13	23 1-	1/0PRIURD	0	0	1291	654	163	11	7	0.01	2.38	0
CO1668+	CO1667	4.15	4 1-	1/0PRIURD	0	0	1286	653	24	1	1	0.00	2.38	0
CO1663+	CO1667	4.15	8 1-	1/0PRIURD	0	0	1287	653	60	4	3	0.00	2.38	0
CO1664+	CO1663	4.17	4 1-	1/0PRIURD	0	0	1282	652	29	1	1	0.00	2.38	0
CO1657+	CO1667	4.13	11 1-	1/0PRIURD	0	0	1290	653	79	5	4	0.00	2.38	0
CO1659+	CO1657	4.15	9 1-	1/0PRIURD	0	0	1286	653	64	4	3	0.00	2.38	0
CO1660+	CO1659	4.18	5 1-	1/0PRIURD	0	0	1282	651	39	2	2	0.00	2.39	0
CO1665+	CO1666	4.10	5 1-	1/0PRIURD	0	0	1295	655	37	2	2	0.00	2.38	0
CO1669+	CO1665	4.11	5 1-	1/0PRIURD	0	0	1294	655	37	2	2	0.00	2.38	0
CO1670+	CO1669	4.12	2 1-	1/0PRIURD	0	0	1292	654	15	1	1	0.00	2.38	0
CO1628+	CO1669	4.14	3 1-	1/0PRIURD	0	0	1289	653	22	1	1	0.00	2.38	0
CO1658+	CO1666	4.09	2 1-	1/0PRIURD	0	0	1298	656	14	0	1	0.00	2.38	0
CO1661+	CO1658	4.11	0 1-	1/0PRIURD	0	0	1294	655	0	0	0	0.00	2.38	0
CO1662+	CO1661	4.12	0 1-	1/0PRIURD	0	0	1291	654	0	0	0	0.00	2.38	0
CO8207+	CO1925	4.06	70 1-	4ACSR	0	0	1295	315	415	28	21	0.05	2.41	34
CO1228+	CO8207	4.10	13 1-	4ACSR	0	0	1285	314	70	4	3	0.00	2.41	0
CO1229+	CO1228	4.14	13 1-	4ACSR	0	0	1275	314	70	4	3	0.00	2.42	0
CO1230+	CO1229	4.20	6 1-	4ACSR	0	0	1260	313	30	2	1	0.00	2.42	0
CO8209+	CO1230	4.27	4 1-	4ACSR	0	0	1240	311	24	1	1	0.00	2.42	0
CO1556+	CO8209	4.29	2 1-	4ACSR	0	0	1235	311	13	0	1	0.00	2.42	0
CO1808+	CO8209	4.31	2 1-	4ACSR	0	0	1231	311	12	0	1	0.00	2.42	0
CO1809+	CO1808	4.40	1 1-	4ACSR	0	0	1208	309	4	0	0	0.00	2.42	0
CO1231+	CO1230	4.23	1 1-	4ACSR	0	0	1252	312	1	0	0	0.00	2.42	0
CO1189+	CO1229	4.20	5 1-	4ACSR	0	0	1259	313	23	1	1	0.00	2.42	0
CO1706028008+	CO1189	4.32	2 1-	2ACSR	0	0	1234	311	2	0	0	0.00	2.42	0
CO1226+	CO8207	4.18	57 1-	4ACSR	0	0	1265	313	345	23	17	0.06	2.47	35
CO1227+	CO1226	4.22	57 1-	4ACSR	0	0	1253	312	345	23	17	0.03	2.50	14
CO1224+	CO1227	4.28	56 1-	4ACSR	0	0	1238	311	331	23	16	0.03	2.53	15
CO1225+	CO1224	4.36	55 1-	4ACSR	0	0	1219	310	304	21	15	0.04	2.56	18
CO1222+	CO1225	4.39	55 1-	4ACSR	0	0	1210	309	304	21	15	0.02	2.58	9
CO1223+	CO1222	4.43	55 1-	4ACSR	0	0	1201	308	304	21	15	0.02	2.60	9
XFMR251	CO1223	4.43	54 1-	333 KVA 1PH AUT	0	0	909	171	292	20	88	0.79	3.39	0
CO1175	XFMR251	4.51	54 1-	4ACSR	0	0	892	170	292	40	29	0.14	3.53	67
CO1217	CO1175	4.56	9 1-	4ACSR	0	0	881	170	57	7	6	0.02	3.55	0
CO1220	CO1217	4.62	5 1-	4ACSR	0	0	869	169	30	4	3	0.01	3.56	0
CO1221	CO1220	4.69	4 1-	4ACSR	0	0	855	168	29	3	3	0.01	3.57	0
CO1219	CO1221	4.74	3 1-	4ACSR	0	0	844	168	20	2	2	0.01	3.57	0
CO408568752	CO1219	4.79	2 1-	2ACSR	0	0	836	167	9	1	1	0.00	3.57	0
CO2117663205	CO408568752	4.82	2 1-	2ACSR	0	0	831	167	9	1	1	0.00	3.58	0
CO-1547887382	CO2117663205	4.89	2 1-	1/0PRIURD	0	0	821	373	9	1	1	0.00	3.58	0
CO641342839	CO-1547887382	4.91	2 1-	1/0PRIURD	0	0	819	373	9	1	1	0.00	3.58	0
CO770808811	CO641342839	4.99	2 1-	1/0PRIURD	0	0	808	370	9	1	1	0.00	3.58	0
CO1402275495	CO408568752	4.87	0 1-	2ACSR	0	0	823	167	0	0	0	0.00	3.57	0
CO1194	CO1220	4.64	1 1-	4ACSR	0	0	864	169	1	0	0	0.00	3.56	0
CO1218	CO1217	4.62	3 1-	4ACSR	0	0	869	169	15	2	2	0.00	3.55	0
CO1174	CO1175	4.58	45 1-	4ACSR	0	0	877	169	235	32	23	0.11	3.64	43
CO1176	CO1174	4.83	22 1-	4ACSR	0	0	827	167	178	24	18	0.28	3.92	81
CO1255	CO1176	4.84	20 1-	4ACSR	0	0	826	167	164	23	16	0.01	3.93	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC41	CO1255	4.84	20 1-	25 L OCR	0	0	826	167	164	23	92	0.00	3.93	0
CO1256	OC41	4.91	20 1-	4ACSR	0	0	811	166	164	23	16	0.08	4.00	21
CO1234	CO1256	4.94	20 1-	4ACSR	0	0	804	166	164	23	16	0.04	4.04	10
CO1235	CO1234	4.98	20 1-	4ACSR	0	0	798	165	164	23	16	0.04	4.08	10
CO1232	CO1235	5.01	20 1-	4ACSR	0	0	791	165	164	23	16	0.04	4.12	10
CO1233	CO1232	5.07	20 1-	4ACSR	0	0	780	164	164	23	16	0.06	4.18	17
CO1236	CO1233	5.30	3 1-	4ACSR	0	0	740	162	25	3	2	0.04	4.22	0
CO-1347062325	CO1236	5.34	1 1-	4ACSR	0	0	732	162	14	2	1	0.00	4.22	0
CO1237	CO1236	5.43	1 1-	4ACSR	0	0	717	161	10	1	1	0.00	4.22	0
CO8210	CO1237	5.72	0 1-	4ACSR	0	0	673	158	0	0	0	0.00	4.22	0
CO1747	CO8210	5.78	0 1-	4ACSR	0	0	665	157	0	0	0	0.00	4.22	0
CO1177	CO1233	5.28	17 1-	4ACSR	0	0	743	162	139	19	14	0.19	4.37	42
CO1192	CO1177	5.36	1 1-	4ACSR	0	0	730	161	14	1	1	0.00	4.37	0
CO1178	CO1177	5.38	16 1-	4ACSR	0	0	727	161	125	17	13	0.07	4.44	15
CO1191	CO1178	5.47	1 1-	4ACSR	0	0	711	160	12	1	1	0.00	4.44	0
CO1179	CO1178	5.45	14 1-	4ACSR	0	0	714	160	104	14	10	0.05	4.49	9
CO1238	CO1179	5.62	13 1-	4ACSR	0	0	688	159	84	11	8	0.08	4.57	10
CO1239	CO1238	5.64	12 1-	4ACSR	0	0	684	159	67	9	7	0.01	4.58	0
CO1180	CO1239	5.76	12 1-	4ACSR	0	0	667	158	67	9	7	0.05	4.63	5
CO1240	CO1180	5.85	11 1-	4ACSR	0	0	653	157	67	9	7	0.04	4.67	4
CO1241	CO1240	6.06	10 1-	4ACSR	0	0	625	155	62	8	6	0.08	4.75	8
CO1242	CO1241	6.14	10 1-	4ACSR	0	0	615	154	62	8	6	0.03	4.78	3
CO1243	CO1242	6.31	4 1-	4ACSR	0	0	594	153	26	3	3	0.03	4.81	0
CO1244	CO1243	6.61	4 1-	4ACSR	0	0	559	150	26	3	3	0.05	4.86	2
CO8211	CO1244	6.78	4 1-	4ACSR	0	0	540	148	26	3	3	0.02	4.88	0
CO1704	CO8211	6.90	3 1-	4ACSR	0	0	528	147	18	2	2	0.01	4.89	0
CO1962	CO1704	6.93	2 1-	4ACSR	0	0	525	147	13	1	1	0.00	4.90	0
CO1961	CO1962	7.31	1 1-	4ACSR	0	0	490	144	2	0	0	0.01	4.90	0
CO1876	CO1961	7.41	0 1-	4ACSR	0	0	481	143	0	0	0	0.00	4.90	0
CO2028	CO1876	7.46	0 1-	4ACSR	0	0	477	143	0	0	0	0.00	4.90	0
CO1609	CO1961	7.53	1 1-	4ACSR	0	0	471	142	2	0	0	0.00	4.90	0
CO1181	CO1242	6.28	5 1-	4ACSR	0	0	597	153	26	3	3	0.02	4.80	0
CO1247	CO1181	6.39	4 1-	4ACSR	0	0	583	152	26	3	3	0.02	4.82	0
CO1248	CO1247	6.50	3 1-	4ACSR	0	0	571	151	15	2	2	0.01	4.83	0
CO1249	CO1248	6.55	2 1-	4ACSR	0	0	565	150	15	2	2	0.00	4.83	0
CO1245	CO1181	6.37	1 1-	4ACSR	0	0	586	152	0	0	0	0.00	4.80	0
CO1246	CO1245	6.45	1 1-	4ACSR	0	0	577	151	0	0	0	0.00	4.80	0
CO8230	CO1246	6.64	1 1-	4ACSR	0	0	555	150	0	0	0	0.00	4.80	0
CO1195	CO1180	5.83	1 1-	4ACSR	0	0	656	157	0	0	0	0.00	4.63	0
CO1196	CO1195	5.91	1 1-	1/0PRIURD	0	0	650	323	0	0	0	0.00	4.63	0
CO1190	CO1179	5.50	1 1-	4ACSR	0	0	707	160	20	2	2	0.00	4.49	0
CO1193	CO1176	4.89	2 1-	4ACSR	0	0	816	166	13	1	1	0.00	3.92	0
CO1173	CO1174	4.69	23 1-	4ACSR	0	0	855	168	57	7	6	0.04	3.68	4
CO1253	CO1173	4.89	21 1-	4ACSR	0	0	815	166	51	7	5	0.06	3.74	5
CO1254	CO1253	4.89	21 1-	4ACSR	0	0	814	166	51	7	5	0.00	3.74	0
CO1214	CO1254	4.91	21 1-	2ACSR	0	0	811	166	51	7	4	0.00	3.75	0
CO1213	CO1214	4.99	21 1-	2ACSR	0	0	799	165	51	7	4	0.02	3.76	0
CO1185	CO1213	5.02	1 1-	4ACSR	0	0	793	165	9	1	1	0.00	3.77	0
CO1209	CO1213	5.17	18 1-	2ACSR	0	0	770	164	42	5	3	0.03	3.80	2
CO1208	CO1209	5.26	18 1-	2ACSR	0	0	758	164	42	5	3	0.01	3.81	0
CO1210	CO1208	5.40	1 1-	4ACSR	0	0	733	162	1	0	0	0.00	3.81	0
OC-1578168148	CO1210	5.40	1 1-	20 N FUSE	0	0	733	162	1	0	1	0.00	3.81	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1211	OC-1578168148	5.48	1 1-	4ACSR	0	0	720	161	1	0	0	0.00	3.81	0
CO1212	CO1211	5.54	1 1-	4ACSR	0	0	711	161	1	0	0	0.00	3.81	0
CO1207	CO1208	5.51	16 1-	2ACSR	0	0	722	162	38	5	3	0.04	3.85	2
CO1206	CO1207	5.70	16 1-	2ACSR	0	0	697	160	38	5	3	0.03	3.88	0
CO1205	CO1206	5.83	16 1-	2ACSR	0	0	680	160	38	5	3	0.02	3.91	0
CO1204	CO1205	5.88	16 1-	2ACSR	0	0	674	159	38	5	3	0.01	3.91	0
CO1203	CO1204	5.98	14 1-	2ACSR	0	0	662	159	37	5	3	0.02	3.93	0
CO1202	CO1203	6.07	13 1-	2ACSR	0	0	652	158	32	4	2	0.01	3.94	0
CO8208	CO1202	6.40	4 1-	2ACSR	0	0	616	156	9	1	1	0.01	3.95	0
CO1441	CO8208	6.45	1 1-	2ACSR	0	0	611	155	7	0	1	0.00	3.95	0
CO1443	CO1441	6.57	1 1-	2ACSR	0	0	600	155	7	0	1	0.00	3.96	0
CO1442	CO1443	6.70	0 1-	2ACSR	0	0	587	154	0	0	0	0.00	3.96	0
CO1439	CO8208	6.44	2 1-	4ACSR	0	0	611	155	2	0	0	0.00	3.95	0
OC1364801173	CO1439	6.44	1 1-	20 N FUSE	0	0	611	155	0	0	0	0.00	3.95	0
CO-1123070535	OC1364801173	6.46	1 1-	2ACSR	0	0	609	155	0	0	0	0.00	3.95	0
CO586430296	CO-1123070535	6.52	0 1-	2ACSR	0	0	604	155	0	0	0	0.00	3.95	0
CO-1891725539	CO-1123070535	6.52	1 1-	2ACSR	0	0	603	155	0	0	0	0.00	3.95	0
CO1198	CO1202	6.11	6 1-	336 MCM ACSR 30	0	0	650	158	13	1	0	0.00	3.94	0
CO1199	CO1198	6.15	5 1-	336 MCM ACSR 30	0	0	647	158	13	1	0	0.00	3.94	0
CO1197	CO1199	6.20	2 1-	2ACSR	0	0	642	157	12	1	1	0.00	3.94	0
CO1200	CO1199	6.16	3 1-	336 MCM ACSR 30	0	0	647	158	2	0	0	0.00	3.94	0
CO1201	CO1200	6.24	3 1-	336 MCM ACSR 30	0	0	642	158	2	0	0	0.00	3.94	0
CO1183	CO1201	6.30	2 1-	4ACSR	0	0	634	157	2	0	0	0.00	3.94	0
CO1182	CO1201	6.33	1 1-	4ACSR	0	0	631	157	0	0	0	0.00	3.94	0
CO1184	CO1202	6.17	1 1-	4ACSR	0	0	639	157	5	0	0	0.00	3.94	0
CO1215	CO1173	4.76	2 1-	4ACSR	0	0	841	168	6	0	1	0.00	3.68	0
CO1216	CO1215	4.77	1 1-	4ACSR	0	0	838	167	0	0	0	0.00	3.68	0
CO1187	CO1215	4.85	1 1-	4ACSR	0	0	822	167	6	0	1	0.00	3.68	0
CO1188+	CO1223	4.47	1 1-	4ACSR	0	0	1192	308	13	0	1	0.00	2.60	0
CO1630+	CO1925	4.04	2 1-	2ACSR	0	0	1303	316	10	0	0	0.00	2.36	0
CO1674+	OC0245	3.70	5 1-	4ACSR	0	0	1399	322	49	3	2	0.00	2.01	0
CO1675+	CO1674	3.73	3 1-	4ACSR	0	0	1390	321	34	2	2	0.00	2.01	0
CO1558+	CO1515	3.65	2 1-	4ACSR	0	0	1408	322	8	0	0	0.00	2.00	0
CO1635+	CO1940	3.32	1 1-	2ACSR	0	0	1490	326	9	0	0	0.00	1.93	0
CO1567+	CO1756	3.09	1 1-	4ACSR	0	0	1544	328	2	0	0	0.00	1.86	0
CO1566+	CO1534	3.02	2 1-	4ACSR	0	0	1558	328	19	1	1	0.00	1.83	0
CO1816+	CO1534	2.99	1 1-	4ACSR	0	0	1572	329	12	0	1	0.00	1.83	0
CO1817+	CO1816	3.02	1 1-	4ACSR	0	0	1558	328	12	0	1	0.00	1.83	0
CO1589+	CO1766	2.92	1 1-	4ACSR	0	0	1587	329	11	0	1	0.00	1.80	0
CO1925881936+	CO1518	2.92	12 1-	2ACSR	0	0	1589	329	110	7	4	0.02	1.79	3
CO-1922579757+	CO1925881936	2.98	11 1-	2ACSR	0	0	1571	329	95	6	4	0.01	1.80	0
CO1904+	CO-1922579757	3.03	6 1-	4ACSR	0	0	1554	328	46	3	2	0.00	1.80	0
CO1903+	CO1904	3.04	6 1-	4ACSR	0	0	1548	327	46	3	2	0.00	1.80	0
CO1673+	CO1903	3.09	4 1-	4ACSR	0	0	1532	326	30	2	1	0.00	1.80	0
CO431362971+	CO1673	3.11	0 1-	4ACSR	0	0	1523	326	0	0	0	0.00	1.80	0
CO1822+	CO-1922579757	3.04	5 1-	4ACSR	0	0	1550	327	49	3	2	0.00	1.80	0
CO1820+	CO1822	3.08	5 1-	4ACSR	0	0	1533	326	49	3	2	0.00	1.80	0
CO2143616537+	CO1820	3.11	1 1-	4ACSR	0	0	1524	326	14	0	1	0.00	1.80	0
CO1821+	CO2143616537	3.16	1 1-	4ACSR	0	0	1506	325	14	0	1	0.00	1.81	0
CO373567190+	CO1820	3.18	1 1-	2ACSR	0	0	1504	325	10	0	0	0.00	1.80	0
CO1128338812+	CO1925881936	2.99	1 1-	1/0PRIURD	0	0	1571	722	14	0	1	0.00	1.79	0
CO2000+	CO1527	2.44	243 3-	336ACSR	1962	1887	1742	335	1973	45	9	0.00	1.64	2

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
SW52-B+	CO2000	2.44	243 3-	Closed	1962	1887	1742	335	1973	45	0	0.00	1.64	0
SW52-A+	SW52-B	2.44	243 3-	Closed	1962	1887	1742	335	1973	45	0	0.00	1.64	0
CO1999+	SW52-A	2.56	243 3-	336ACSR	1939	1862	1714	334	1973	45	9	0.02	1.66	45
CO1913+	CO1999	2.58	243 3-	336ACSR	1936	1858	1710	334	1973	45	9	0.00	1.66	7
CO1914+	CO1913	2.74	242 3-	336ACSR	1907	1827	1676	334	1940	44	9	0.02	1.68	55
CO1683+	CO1914	2.81	242 3-	336ACSR	1894	1813	1661	333	1940	44	9	0.01	1.70	26
CO1993+	CO1683	2.84	240 3-	336ACSR	1889	1807	1655	333	1916	43	8	0.00	1.70	10
CO1992+	CO1993	2.87	240 3-	336ACSR	1884	1802	1649	333	1916	43	8	0.00	1.71	10
CO1737+	CO1992	2.94	239 3-	336ACSR	1873	1790	1636	333	1910	43	8	0.01	1.72	22
CO1579+	CO1737	2.98	2 1-	4ACSR	0	0	1619	332	15	1	1	0.00	1.72	0
CO1832+	CO1737	3.00	3 1-	4ACSR	0	0	1610	331	28	1	1	0.00	1.72	0
CO1831+	CO1832	3.05	1 1-	4ACSR	0	0	1591	330	13	0	1	0.00	1.72	0
CO1528+	CO1737	3.02	233 3-	336ACSR	1859	1775	1620	332	1858	42	8	0.01	1.73	26
CO1736+	CO1528	3.11	217 3-	336ACSR	1844	1759	1602	332	1796	41	8	0.01	1.74	27
CO2104604399+	CO1736	3.16	217 3-	336ACSR	1836	1750	1593	332	1796	41	8	0.01	1.75	15
CO376038552+	CO2104604399	3.31	201 3-	336ACSR	1812	1724	1565	331	1708	39	8	0.02	1.77	41
CO1826+	CO376038552	3.33	10 1-	4ACSR	0	0	1556	331	90	6	4	0.00	1.77	0
CO1828+	CO1826	3.39	9 1-	4ACSR	0	0	1537	329	81	5	4	0.01	1.78	0
CO1827+	CO1828	3.45	4 1-	4ACSR	0	0	1516	328	37	2	2	0.00	1.78	0
CO1880+	CO1827	3.54	1 1-	4ACSR	0	0	1485	326	7	0	0	0.00	1.78	0
CO1879+	CO1880	3.55	1 1-	4ACSR	0	0	1481	326	7	0	0	0.00	1.78	0
CO1881+	CO1879	3.58	1 1-	4ACSR	0	0	1471	326	7	0	0	0.00	1.78	0
CO1578+	CO1827	3.51	1 1-	4ACSR	0	0	1494	327	7	0	0	0.00	1.78	0
CO1830+	CO1827	3.49	2 1-	4ACSR	0	0	1501	327	22	1	1	0.00	1.78	0
CO1829+	CO1830	3.51	2 1-	4ACSR	0	0	1494	327	22	1	1	0.00	1.78	0
CO-1155796946+	CO1829	3.54	1 1-	2ACSR	0	0	1485	326	11	0	0	0.00	1.78	0
CO1915+	CO1828	3.41	5 1-	4ACSR	0	0	1528	329	44	3	2	0.00	1.78	0
CO17296+	CO1915	3.45	3 1-	4ACSR	0	0	1515	328	32	2	2	0.00	1.78	0
CO1529+	CO376038552	3.48	191 3-	336ACSR	1783	1695	1533	330	1617	37	7	0.02	1.79	44
CO2003+	CO1529	3.49	67 1-	4ACSR	0	0	1531	330	617	42	30	0.01	1.80	6
OC54+	CO2003	3.49	67 1-	50 H OCR	0	0	1531	330	617	42	85	0.00	1.80	0
CO2004+	OC54	3.58	67 1-	4ACSR	0	0	1501	328	617	42	30	0.09	1.88	84
CO1734+	CO2004	3.67	66 1-	4ACSR	0	0	1470	326	602	41	30	0.09	1.97	85
CO1823+	CO1734	3.73	4 1-	4ACSR	0	0	1452	325	48	3	2	0.00	1.97	0
CO1825+	CO1823	3.77	3 1-	4ACSR	0	0	1439	325	29	2	1	0.00	1.97	0
CO1824+	CO1825	3.80	1 1-	4ACSR	0	0	1428	324	19	1	1	0.00	1.98	0
CO1525+	CO1734	3.75	60 1-	4ACSR	0	0	1445	325	547	37	27	0.06	2.03	56
CO1732+	CO1525	3.88	3 1-	4ACSR	0	0	1404	322	9	0	0	0.00	2.04	0
CO1733+	CO1732	4.04	2 1-	4ACSR	0	0	1356	319	5	0	0	0.00	2.04	0
CO1694+	CO1525	3.82	55 1-	4ACSR	0	0	1422	323	523	36	26	0.06	2.09	50
CO1942+	CO1694	3.91	54 1-	4ACSR	0	0	1395	322	510	35	25	0.07	2.17	59
CO1941+	CO1942	3.95	53 1-	4ACSR	0	0	1383	321	493	34	24	0.03	2.20	24
CO1840+	CO1941	4.05	1 1-	4ACSR	0	0	1355	319	6	0	0	0.00	2.20	0
CO1839+	CO1840	4.14	1 1-	4ACSR	0	0	1328	317	6	0	0	0.00	2.20	0
CO1943+	CO1941	4.01	50 1-	4ACSR	0	0	1364	320	481	33	24	0.05	2.24	38
CO1893+	CO1943	4.07	1 1-	4ACSR	0	0	1348	319	11	0	1	0.00	2.24	0
CO1894+	CO1893	4.09	0 1-	4ACSR	0	0	1342	318	0	0	0	0.00	2.24	0
CO1524+	CO1943	4.04	49 1-	4ACSR	0	0	1356	319	470	32	23	0.02	2.26	15
CO1568+	CO1524	4.15	1 1-	4ACSR	0	0	1324	317	4	0	0	0.00	2.26	0
CO1520+	CO1524	4.06	48 1-	4ACSR	0	0	1350	319	466	32	23	0.02	2.28	11
CO1569+	CO1520	4.18	2 1-	4ACSR	0	0	1317	317	29	1	1	0.00	2.28	0
CO1523+	CO1520	4.26	45 1-	4ACSR	0	0	1294	315	436	30	22	0.13	2.41	93

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1570+	CO1523	4.36	1 1-	4ACSR	0	0	1269	313	17	1	1	0.00	2.41	0
CO1522+	CO1523	4.36	43 1-	4ACSR	0	0	1269	313	399	27	20	0.06	2.47	38
CO1572+	CO1522	4.42	2 1-	4ACSR	0	0	1251	312	17	1	1	0.00	2.47	0
CO1571+	CO1522	4.44	2 1-	4ACSR	0	0	1247	312	9	0	0	0.00	2.47	0
CO1626+	CO1571	4.47	1 1-	2ACSR	0	0	1241	311	3	0	0	0.00	2.47	0
CO1627+	CO1626	4.54	1 1-	2ACSR	0	0	1226	310	3	0	0	0.00	2.47	0
CO1730+	CO1522	4.46	38 1-	4ACSR	0	0	1241	311	372	25	18	0.06	2.53	36
CO1731+	CO1730	4.56	37 1-	4ACSR	0	0	1216	309	356	24	18	0.06	2.59	33
CO1573+	CO1731	4.64	1 1-	4ACSR	0	0	1197	308	10	0	0	0.00	2.59	0
CO1521+	CO1731	4.72	36 1-	4ACSR	0	0	1179	307	346	23	17	0.08	2.67	47
CO1695+	CO1521	4.77	8 1-	4ACSR	0	0	1166	306	73	5	4	0.01	2.68	0
CO1717+	CO1695	4.84	5 1-	4ACSR	0	0	1150	304	51	3	3	0.01	2.69	0
CO1718+	CO1717	4.92	4 1-	4ACSR	0	0	1132	303	44	3	2	0.01	2.69	0
CO1901+	CO1718	5.05	3 1-	4ACSR	0	0	1104	301	26	1	1	0.01	2.70	0
CO1902+	CO1901	5.09	3 1-	4ACSR	0	0	1097	300	26	1	1	0.00	2.70	0
CO1900+	CO1902	5.15	2 1-	2ACSR	0	0	1086	299	11	0	0	0.00	2.70	0
CO1897+	CO1900	5.27	1 1-	2ACSR	0	0	1066	298	11	0	0	0.00	2.70	0
CO1899+	CO1897	5.36	1 1-	2ACSR	0	0	1052	297	11	0	0	0.00	2.70	0
CO1898+	CO1899	5.41	1 1-	2ACSR	0	0	1045	296	11	0	0	0.00	2.70	0
CO1574+	CO1718	4.95	1 1-	4ACSR	0	0	1125	302	18	1	1	0.00	2.69	0
CO1945+	CO1521	4.74	28 1-	4ACSR	0	0	1174	306	272	18	13	0.01	2.68	4
CO1944+	CO1945	4.87	28 1-	4ACSR	0	0	1144	304	272	18	13	0.06	2.74	25
CO1946+	CO1944	4.89	27 1-	4ACSR	0	0	1139	303	272	18	13	0.01	2.75	5
CO8206+	CO1946	4.93	27 1-	4ACSR	0	0	1131	303	271	18	13	0.01	2.77	7
CO1848514109+	CO8206	5.03	4 1-	4ACSR	0	0	1109	301	65	4	3	0.01	2.78	0
CO1891430613+	CO1848514109	5.10	4 1-	4ACSR	0	0	1094	300	65	4	3	0.01	2.78	0
CO1251+	CO1891430613	5.16	4 1-	4ACSR	0	0	1081	299	65	4	3	0.00	2.79	0
CO1252+	CO1251	5.22	2 1-	4ACSR	0	0	1069	298	30	2	2	0.00	2.79	0
CO1031961024+	CO1848514109	5.07	0 1-	4ACSR	0	0	1100	300	0	0	0	0.00	2.78	0
CO1186+	CO8206	5.01	23 1-	4ACSR	0	0	1113	301	207	14	10	0.02	2.79	7
CO-78532859+	CO1186	5.12	16 1-	2ACSR	0	0	1093	300	153	10	6	0.02	2.81	4
CO-989217829+	CO-78532859	5.31	8 1-	2ACSR	0	0	1063	298	54	3	2	0.01	2.81	0
CO-91803684+	CO-78532859	5.21	7 1-	2ACSR	0	0	1080	299	79	5	3	0.00	2.81	0
CO263534900+	CO-91803684	5.29	2 1-	2ACSR	0	0	1067	298	30	2	1	0.00	2.81	0
CO111652207+	CO-91803684	5.24	0 1-	2ACSR	0	0	1074	299	0	0	0	0.00	2.81	0
CO-362408940+	CO1520	4.11	0 1-	2ACSR	0	0	1338	318	0	0	0	0.00	2.28	0
CO1632+	CO1942	3.96	1 1-	2ACSR	0	0	1384	321	17	1	1	0.00	2.17	0
CO1758+	CO1529	3.57	123 3-	336ACSR	1770	1680	1517	330	997	22	4	0.01	1.80	8
CO1759+	CO1758	3.58	121 3-	336ACSR	1769	1679	1516	330	988	22	4	0.00	1.80	0
CO1757+	CO1759	3.65	121 3-	336ACSR	1759	1668	1505	330	988	22	4	0.01	1.80	6
CO1760+	CO1757	3.70	119 3-	336ACSR	1750	1659	1496	329	957	21	4	0.00	1.81	5
CO1762+	CO1760	3.80	116 3-	336ACSR	1736	1645	1480	329	924	21	4	0.01	1.81	8
CO1761+	CO1762	3.85	116 3-	336ACSR	1728	1636	1471	329	924	21	4	0.00	1.82	5
CO1780+	CO1761	3.95	115 3-	336ACSR	1714	1622	1455	328	919	21	4	0.01	1.82	7
CO1781+	CO1780	3.99	115 3-	336ACSR	1709	1616	1449	328	919	21	4	0.00	1.83	3
CO2011+	CO1781	3.99	32 1-	4ACSR	0	0	1447	328	272	18	13	0.00	1.83	0
OC58+	CO2011	3.99	32 1-	35 H OCR	0	0	1447	328	272	18	53	0.00	1.83	0
CO2012+	OC58	4.01	32 1-	4ACSR	0	0	1441	328	272	18	13	0.01	1.84	4
CO1905+	CO2012	4.11	31 1-	4ACSR	0	0	1412	326	271	18	13	0.04	1.88	17
CO1906+	CO1905	4.15	31 1-	4ACSR	0	0	1401	325	271	18	13	0.02	1.89	7
CO1678+	CO1906	4.21	30 1-	4ACSR	0	0	1384	324	262	17	13	0.02	1.92	10
CO1891+	CO1678	4.25	6 1-	4ACSR	0	0	1372	323	47	3	2	0.00	1.92	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1892+	CO1891	4.30	4 1-	4ACSR	0	0	1356	322	26	1	1	0.00	1.92	0
CO1782+	CO1678	4.23	24 1-	4ACSR	0	0	1377	323	216	14	11	0.01	1.92	2
CO1783+	CO1782	4.34	22 1-	4ACSR	0	0	1346	321	187	12	9	0.03	1.96	10
CO1889+	CO1783	4.38	4 1-	4ACSR	0	0	1335	320	43	2	2	0.00	1.96	0
CO1890+	CO1889	4.41	1 1-	4ACSR	0	0	1325	320	13	0	1	0.00	1.96	0
CO1605+	CO1889	4.41	2 1-	4ACSR	0	0	1325	320	21	1	1	0.00	1.96	0
CO1553+	CO1783	4.37	18 1-	4ACSR	0	0	1338	321	144	9	7	0.01	1.96	0
CO1542+	CO1553	4.41	17 1-	4ACSR	0	0	1327	320	130	8	6	0.01	1.97	0
CO1862+	CO1542	4.42	4 1-	4ACSR	0	0	1322	319	16	1	1	0.00	1.97	0
CO1861+	CO1862	4.49	2 1-	4ACSR	0	0	1305	318	12	0	1	0.00	1.97	0
CO1543+	CO1542	4.46	13 1-	4ACSR	0	0	1313	319	114	7	6	0.01	1.98	0
CO1858+	CO1543	4.48	6 1-	4ACSR	0	0	1308	318	50	3	2	0.00	1.98	0
CO1857+	CO1858	4.56	6 1-	4ACSR	0	0	1286	317	50	3	2	0.01	1.99	0
CO1859+	CO1857	4.61	4 1-	4ACSR	0	0	1274	316	41	2	2	0.00	1.99	0
CO1856+	CO1859	4.66	3 1-	4ACSR	0	0	1259	315	38	2	2	0.00	1.99	0
CO1860+	CO1856	4.70	3 1-	4ACSR	0	0	1249	314	38	2	2	0.00	1.99	0
CO1732664417+	CO1860	4.74	1 1-	2ACSR	0	0	1241	314	16	1	1	0.00	1.99	0
CO1785+	CO1543	4.50	7 1-	4ACSR	0	0	1302	318	65	4	3	0.00	1.98	0
CO1784+	CO1785	4.65	7 1-	4ACSR	0	0	1262	315	65	4	3	0.01	2.00	0
CO1729779384+	CO1784	4.69	2 1-	2ACSR	0	0	1254	315	12	0	0	0.00	2.00	0
CO-1512568191+	CO1729779384	4.73	2 1-	2ACSR	0	0	1245	314	12	0	0	0.00	2.00	0
CO-1199090862+	CO-1512568191	4.81	1 1-	1/0PRIURD	0	0	1233	642	12	0	1	0.00	2.00	0
CO1522987822+	CO-1199090862	4.88	1 1-	1/0PRIURD	0	0	1222	639	12	0	1	0.00	2.00	0
CO626953563+	CO1522987822	4.95	1 1-	1/0PRIURD	0	0	1211	636	12	0	1	0.00	2.00	0
CO-1619942363+	CO1729779384	4.77	0 1-	1/0PRIURD	0	0	1241	645	0	0	0	0.00	2.00	0
CO1854+	CO1784	4.71	1 1-	4ACSR	0	0	1247	314	15	1	1	0.00	2.00	0
CO1853+	CO1854	4.75	1 1-	4ACSR	0	0	1238	313	15	1	1	0.00	2.00	0
CO1855+	CO1853	4.80	1 1-	4ACSR	0	0	1224	312	15	1	1	0.00	2.00	0
CO1852+	CO1855	4.89	1 1-	4ACSR	0	0	1203	311	15	1	1	0.00	2.00	0
CO1789+	CO1784	4.77	4 1-	4ACSR	0	0	1233	313	38	2	2	0.01	2.00	0
CO1786+	CO1789	4.79	4 1-	4ACSR	0	0	1226	312	38	2	2	0.00	2.01	0
CO1788+	CO1786	4.86	4 1-	4ACSR	0	0	1210	311	38	2	2	0.00	2.01	0
CO1787+	CO1788	4.92	4 1-	4ACSR	0	0	1197	310	38	2	2	0.00	2.01	0
CO1655+	CO1787	5.02	3 1-	1/0PRIURD	0	0	1183	624	19	1	1	0.00	2.01	0
CO1656+	CO1655	5.09	2 1-	1/0PRIURD	0	0	1175	622	19	1	1	0.00	2.01	0
CO1603+	CO1787	4.97	1 1-	1/0PRIURD	0	0	1190	627	19	1	1	0.00	2.01	0
CO1604+	CO1785	4.58	0 1-	4ACSR	0	0	1282	316	0	0	0	0.00	1.98	0
CO2002+	CO1781	3.99	83 3-	336ACSR	1708	1615	1448	328	647	14	3	0.00	1.83	0
SW53-B+	CO2002	3.99	83 3-	Closed	1708	1615	1448	328	647	14	0	0.00	1.83	0
SW53-A+	SW53-B	3.99	83 3-	Closed	1708	1615	1448	328	647	14	0	0.00	1.83	0
CO2001+	SW53-A	4.06	83 3-	336ACSR	1698	1605	1438	328	647	14	3	0.00	1.83	3
CO1986+	CO2001	4.17	83 3-	336ACSR	1683	1590	1422	327	647	14	3	0.01	1.84	4
CO1987+	CO1986	4.26	82 3-	336ACSR	1670	1576	1407	327	633	14	3	0.00	1.84	4
CO1776+	CO1987	4.35	80 3-	336ACSR	1657	1563	1393	327	619	14	3	0.00	1.85	3
CO1777+	CO1776	4.45	80 3-	336ACSR	1645	1550	1380	326	619	14	3	0.00	1.85	3
CO1845+	CO1777	4.48	0 1-	4ACSR	0	0	1372	326	0	0	0	0.00	1.85	0
CO1846+	CO1845	4.52	0 1-	4ACSR	0	0	1362	325	0	0	0	0.00	1.85	0
CO1540+	CO1777	4.51	80 3-	336ACSR	1637	1542	1372	326	619	14	3	0.00	1.85	0
CO1774+	CO1540	4.79	77 3-	336ACSR	1601	1504	1333	325	598	13	3	0.01	1.87	10
CO1775+	CO1774	4.98	77 3-	336ACSR	1577	1480	1308	324	598	13	3	0.01	1.88	6
CO1552+	CO1775	5.07	29 3-	2ACSR	1558	1460	1288	322	269	6	3	0.01	1.88	3
CO2005+	CO1552	5.08	28 1-	4ACSR	0	0	1287	322	236	16	12	0.00	1.89	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OC55+	CO2005	5.08	28 1-	35 H OCR	0	0	1287	322	236	16	47	0.00	1.89	0
XFMR116	OC55	5.08	28 1-	333 KVA 1PH AUT	0	0	917	173	236	16	71	0.66	2.54	0
CO2006	XFMR116	5.14	28 1-	4ACSR	0	0	905	172	236	32	23	0.09	2.63	33
CO1541	CO2006	5.27	24 1-	4ACSR	0	0	879	171	210	29	21	0.18	2.81	60
CO1849	CO1541	5.38	2 1-	4ACSR	0	0	859	170	21	2	2	0.01	2.82	0
CO1851	CO1849	5.45	1 1-	4ACSR	0	0	844	169	11	1	1	0.01	2.82	0
CO1850	CO1851	5.52	1 1-	4ACSR	0	0	831	168	11	1	1	0.00	2.83	0
CO1619	CO1850	5.55	1 1-	4ACSR	0	0	824	168	11	1	1	0.00	2.83	0
CO1779	CO1541	5.31	22 1-	4ACSR	0	0	871	171	189	26	19	0.05	2.85	14
CO1778	CO1779	5.50	22 1-	4ACSR	0	0	835	169	189	26	19	0.23	3.08	70
CO1847	CO1778	5.56	2 1-	4ACSR	0	0	824	168	22	3	2	0.01	3.09	0
CO1848	CO1847	5.61	1 1-	4ACSR	0	0	814	167	10	1	1	0.00	3.09	0
CO1601	CO1847	5.62	1 1-	4ACSR	0	0	812	167	13	1	1	0.00	3.09	0
CO1952	CO1778	5.61	20 1-	4ACSR	0	0	814	167	166	23	17	0.12	3.20	32
CO1951	CO1952	5.83	19 1-	4ACSR	0	0	775	165	163	22	16	0.21	3.41	54
CO1696	CO1951	5.88	18 1-	4ACSR	0	0	766	165	146	20	15	0.05	3.46	11
CO1863	CO1696	5.93	2 1-	4ACSR	0	0	757	164	25	3	3	0.01	3.46	0
CO1864	CO1863	5.99	1 1-	4ACSR	0	0	747	163	13	1	1	0.00	3.47	0
CO1638	CO1863	6.04	1 1-	2ACSR	0	0	741	163	12	1	1	0.00	3.47	0
CO1544	CO1696	5.97	13 1-	4ACSR	0	0	750	164	102	14	10	0.06	3.51	9
CO1865	CO1544	6.07	1 1-	4ACSR	0	0	734	163	13	1	1	0.01	3.52	0
CO1866	CO1865	6.12	1 1-	4ACSR	0	0	725	162	13	1	1	0.00	3.52	0
CO1545	CO1544	6.18	10 1-	4ACSR	0	0	715	161	69	9	7	0.09	3.60	10
CO1546	CO1545	6.26	9 1-	4ACSR	0	0	704	161	63	8	6	0.03	3.63	3
CO1964	CO1546	6.47	7 1-	4ACSR	0	0	671	159	39	5	4	0.05	3.69	3
CO1963	CO1964	6.56	7 1-	4ACSR	0	0	659	158	39	5	4	0.02	3.71	0
CO1965	CO1963	6.64	6 1-	4ACSR	0	0	647	157	34	4	3	0.02	3.73	0
CO1966	CO1965	6.74	6 1-	4ACSR	0	0	633	156	34	4	3	0.02	3.75	0
CO1798	CO1966	6.80	4 1-	4ACSR	0	0	626	156	13	1	1	0.00	3.75	0
CO1796	CO1798	6.91	2 1-	4ACSR	0	0	612	155	2	0	0	0.00	3.75	0
CO1797	CO1796	6.99	1 1-	4ACSR	0	0	601	154	1	0	0	0.00	3.75	0
CO1618	CO1966	6.80	2 1-	4ACSR	0	0	626	156	21	2	2	0.00	3.75	0
CO1790	CO1546	6.58	2 1-	4ACSR	0	0	656	158	23	3	2	0.05	3.68	0
CO1793	CO1790	6.65	2 1-	4ACSR	0	0	646	157	23	3	2	0.01	3.69	0
CO1791	CO1793	6.75	2 1-	4ACSR	0	0	633	156	23	3	2	0.01	3.71	0
CO1792	CO1791	6.79	2 1-	4ACSR	0	0	627	156	23	3	2	0.00	3.71	0
CO1606	CO1792	6.85	1 1-	4ACSR	0	0	620	155	3	0	0	0.00	3.71	0
CO1607	CO1545	6.24	1 1-	4ACSR	0	0	707	161	6	0	1	0.00	3.60	0
CO1600	CO1696	5.97	1 1-	4ACSR	0	0	750	164	5	0	1	0.00	3.46	0
CO1599	CO1696	5.96	0 1-	4ACSR	0	0	751	164	0	0	0	0.00	3.46	0
CO1953	CO2006	5.27	3 1-	4ACSR	0	0	880	171	18	2	2	0.01	2.65	0
CO1700	CO1953	5.32	2 1-	4ACSR	0	0	869	170	16	2	2	0.00	2.65	0
CO1701	CO1700	5.42	1 1-	4ACSR	0	0	851	169	1	0	0	0.00	2.65	0
CO1954	CO1953	5.29	1 1-	4ACSR	0	0	875	171	2	0	0	0.00	2.65	0
CO1697	CO1954	5.40	0 1-	4ACSR	0	0	854	170	0	0	0	0.00	2.65	0
CO1539+	CO1775	5.07	48 3-	336ACSR	1566	1469	1296	323	328	7	1	0.00	1.88	0
CO508214794+	CO1539	5.20	22 3-	2ACSR	1539	1440	1269	322	149	3	2	0.01	1.88	0
CO1037977913+	CO508214794	5.25	0 3-	2ACSR	1529	1430	1259	321	0	0	0	0.00	1.88	0
CO-51601948+	CO508214794	5.24	22 3-	2ACSR	1533	1434	1263	321	149	3	2	0.00	1.89	0
CO1676+	CO-51601948	5.27	22 3-	336ACSR	1529	1430	1259	321	149	3	1	0.00	1.89	0
CO1959+	CO1676	5.30	20 3-	336ACSR	1526	1427	1255	321	143	3	1	0.00	1.89	0
CO1958+	CO1959	5.36	18 3-	336ACSR	1518	1419	1248	321	138	3	1	0.00	1.89	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO1960+	CO1958	5.40	16 3-	336ACSR	1514	1415	1243	320	123	2	1	0.00	1.89	0
CO1699+	CO1960	5.50	16 3-	336ACSR	1503	1404	1232	320	123	2	1	0.00	1.89	0
CO1703+	CO1699	5.61	11 3-	336ACSR	1491	1391	1219	320	95	2	0	0.00	1.89	0
CO1702+	CO1703	5.63	8 3-	336ACSR	1488	1389	1217	319	74	1	0	0.00	1.89	0
CO1842+	CO1702	5.65	0 1-	4ACSR	0	0	1213	319	0	0	0	0.00	1.89	0
CO1841+	CO1842	5.67	0 1-	4ACSR	0	0	1209	319	0	0	0	0.00	1.89	0
CO1538+	CO1702	5.72	5 3-	336ACSR	1478	1379	1207	319	66	1	0	0.00	1.89	0
CO1772+	CO1538	5.78	3 3-	336ACSR	1472	1373	1201	319	49	1	0	0.00	1.89	0
CO1773+	CO1772	5.84	3 3-	336ACSR	1466	1367	1195	319	49	1	0	0.00	1.89	0
XFMR117	CO1773	5.84	3 3-	1000 KVA 1PH AU	1522	1472	1363	174	49	1	2	0.01	1.91	0
CO1844	XFMR117	5.88	2 1-	4ACSR	0	0	1341	174	26	3	3	0.01	1.94	0
CO1843	CO1844	5.92	2 1-	4ACSR	0	0	1323	174	26	3	3	0.01	1.94	0
CO17316	CO1843	5.95	1 1-	4ACSR	0	0	1309	173	19	2	2	0.00	1.95	0
CO1805	XFMR117	5.90	1 3-	336ACSR	1508	1456	1345	174	23	1	0	0.00	1.91	0
CO1806	CO1805	5.96	1 3-	336ACSR	1496	1443	1330	174	23	1	0	0.00	1.91	0
CO1804	CO1806	6.04	1 3-	336ACSR	1479	1426	1311	174	23	1	0	0.00	1.91	0
CO1807	CO1804	6.07	1 3-	336ACSR	1471	1417	1301	174	23	1	0	0.00	1.91	0
CO1803	CO1807	6.16	1 3-	336ACSR	1454	1398	1280	174	23	1	0	0.00	1.91	0
CO2022	CO1803	6.21	0 3-	336ACSR	1444	1388	1268	174	0	0	0	0.00	1.91	0
CO1622+	CO1538	5.76	1 1-	2ACSR	0	0	1200	319	3	0	0	0.00	1.89	0
CO1594+	CO1538	5.77	1 1-	4ACSR	0	0	1197	318	13	0	1	0.00	1.89	0
CO1956+	CO1699	5.51	2 1-	4ACSR	0	0	1228	320	8	0	0	0.00	1.89	0
CO1955+	CO1956	5.56	2 1-	4ACSR	0	0	1218	319	8	0	0	0.00	1.89	0
CO2031+	CO1955	5.66	0 1-	4ACSR	0	0	1197	317	0	0	0	0.00	1.89	0
CO1640+	CO2031	5.66	0 1-	4ACSR	0	0	1196	317	0	0	0	0.00	1.89	0
CO1596+	CO1699	5.56	2 1-	4ACSR	0	0	1217	319	15	1	1	0.00	1.89	0
CO1637+	CO1958	5.45	1 1-	2ACSR	0	0	1231	319	4	0	0	0.00	1.89	0
XFMR354	CO1539	5.07	26 1-	333 KVA 1PH AUT	0	0	919	173	179	12	53	0.46	2.34	0
CO2023	XFMR354	5.08	26 1-	4ACSR	0	0	918	173	179	24	18	0.01	2.34	0
CO2024	CO2023	5.17	26 1-	4ACSR	0	0	900	172	179	24	18	0.10	2.45	29
CO1794	CO2024	5.26	26 1-	4ACSR	0	0	881	171	179	24	18	0.11	2.55	31
CO1795	CO1794	5.31	26 1-	4ACSR	0	0	872	171	179	24	18	0.05	2.61	15
CO1698	CO1795	5.34	25 1-	4ACSR	0	0	866	170	168	23	17	0.03	2.64	8
CO1957	CO1698	5.37	24 1-	4ACSR	0	0	860	170	168	23	17	0.03	2.67	8
CO8383	CO1957	5.47	23 1-	4ACSR	0	0	842	169	156	21	15	0.09	2.76	24
CO2492	CO8383	5.52	2 1-	4ACSR	0	0	831	168	15	2	2	0.00	2.76	0
CO2772	CO8383	5.51	1 1-	4ACSR	0	0	833	168	0	0	0	0.00	2.76	0
CO2776	CO2772	5.54	1 1-	4ACSR	0	0	829	168	0	0	0	0.00	2.76	0
CO2773	CO2776	5.60	0 1-	4ACSR	0	0	818	168	0	0	0	0.00	2.76	0
CO2775	CO2773	5.69	0 1-	4ACSR	0	0	800	167	0	0	0	0.00	2.76	0
CO2774	CO2775	5.75	0 1-	4ACSR	0	0	789	166	0	0	0	0.00	2.76	0
CO2646	CO8383	5.53	20 1-	4ACSR	0	0	829	168	141	19	14	0.06	2.82	13
CO2645	CO2646	5.56	19 1-	4ACSR	0	0	824	168	130	18	13	0.02	2.84	5
CO2642	CO2645	5.75	18 1-	4ACSR	0	0	789	166	128	17	13	0.14	2.98	28
CO2643	CO2642	5.78	16 1-	4ACSR	0	0	784	166	109	15	11	0.02	3.00	4
CO2644	CO2643	5.85	16 1-	4ACSR	0	0	772	165	109	15	11	0.04	3.04	7
CO2476	CO2644	5.93	1 1-	4ACSR	0	0	758	164	6	0	1	0.00	3.05	0
CO2412	CO2644	5.94	14 1-	4ACSR	0	0	756	164	89	12	9	0.05	3.10	8
OC-1809275652	CO2412	5.94	13 1-	20 N FUSE	0	0	756	164	83	11	57	0.00	3.10	0
CO2411	OC-1809275652	6.03	13 1-	4ACSR	0	0	740	163	83	11	8	0.05	3.15	7
CO2473	CO2411	6.12	1 1-	4ACSR	0	0	727	162	11	1	1	0.00	3.15	0
CO2640	CO2411	6.23	12 1-	4ACSR	0	0	709	161	71	9	7	0.08	3.23	10

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2638	CO2640	6.32	11 1-	4ACSR	0	0	695	160	69	9	7	0.04	3.27	4
CO2639	CO2638	6.37	10 1-	4ACSR	0	0	688	160	68	9	7	0.02	3.29	0
CO2636	CO2639	6.41	8 1-	4ACSR	0	0	681	159	57	7	6	0.02	3.31	0
CO2637	CO2636	6.46	8 1-	4ACSR	0	0	674	159	57	7	6	0.02	3.32	0
CO2536	CO2637	6.51	5 1-	4ACSR	0	0	666	158	33	4	3	0.01	3.33	0
CO2534	CO2536	6.60	5 1-	4ACSR	0	0	653	157	33	4	3	0.01	3.35	0
CO2535	CO2534	6.67	4 1-	4ACSR	0	0	644	157	16	2	2	0.00	3.35	0
CO2537	CO2535	6.74	2 1-	4ACSR	0	0	634	156	4	0	0	0.00	3.35	0
CO2538	CO2537	6.83	2 1-	4ACSR	0	0	623	155	4	0	0	0.00	3.36	0
CO2533	CO2538	6.89	2 1-	4ACSR	0	0	615	155	4	0	0	0.00	3.36	0
CO2532	CO2533	6.93	1 1-	4ACSR	0	0	609	154	4	0	0	0.00	3.36	0
CO2531	CO2532	6.97	1 1-	4ACSR	0	0	605	154	4	0	0	0.00	3.36	0
CO2529	CO2531	7.05	1 1-	4ACSR	0	0	595	153	4	0	0	0.00	3.36	0
CO2780	CO2637	6.59	3 1-	2ACSR	0	0	658	158	24	3	2	0.01	3.34	0
CO2779	CO2780	6.61	3 1-	2ACSR	0	0	656	158	24	3	2	0.00	3.34	0
CO2786	CO2779	6.71	1 1-	2ACSR	0	0	644	157	6	0	0	0.00	3.34	0
CO2783	CO2786	6.76	1 1-	2ACSR	0	0	639	157	6	0	0	0.00	3.34	0
CO2785	CO2783	6.81	1 1-	2ACSR	0	0	634	157	6	0	0	0.00	3.34	0
CO2784	CO2785	6.86	1 1-	2ACSR	0	0	628	156	6	0	0	0.00	3.34	0
CO2781	CO2779	6.65	1 1-	2ACSR	0	0	651	158	10	1	1	0.00	3.34	0
CO2771	CO2639	6.42	1 1-	4ACSR	0	0	680	159	0	0	0	0.00	3.29	0
CO2770	CO2771	6.48	0 1-	4ACSR	0	0	670	159	0	0	0	0.00	3.29	0
CO2769	CO2412	6.03	1 1-	4ACSR	0	0	740	163	6	0	1	0.00	3.10	0
CO2474	CO2769	6.09	0 1-	4ACSR	0	0	730	162	0	0	0	0.00	3.10	0
CO2768	CO2769	6.09	1 1-	4ACSR	0	0	730	162	6	0	1	0.00	3.10	0
CO1616	CO1795	5.37	1 1-	4ACSR	0	0	860	170	11	1	1	0.00	2.61	0
CO1598+	CO1540	4.54	2 1-	4ACSR	0	0	1361	325	21	1	1	0.00	1.85	0
CO1620+	CO1598	4.59	1 1-	4ACSR	0	0	1350	324	20	1	1	0.00	1.86	0
CO1597+	CO1987	4.34	2 1-	4ACSR	0	0	1383	325	14	0	1	0.00	1.84	0
CO1602+	CO1761	3.89	1 1-	4ACSR	0	0	1459	328	5	0	0	0.00	1.82	0
CO961295214+	CO1762	3.86	0 1-	2ACSR	0	0	1462	328	0	0	0	0.00	1.81	0
CO1576+	CO1760	3.74	2 1-	4ACSR	0	0	1483	329	9	0	0	0.00	1.81	0
CO1575+	CO1760	3.75	1 1-	4ACSR	0	0	1480	328	24	1	1	0.00	1.81	0
CO1634+	CO1757	3.68	1 1-	2ACSR	0	0	1495	329	6	0	0	0.00	1.80	0
CO1623+	CO1758	3.61	2 1-	2ACSR	0	0	1506	329	9	0	0	0.00	1.80	0
CO1577+	CO1529	3.62	1 1-	4ACSR	0	0	1488	328	3	0	0	0.00	1.79	0
CO-415726902+	CO2104604399	3.18	14 1-	2ACSR	0	0	1587	332	79	5	3	0.00	1.75	0
CO2056277497+	CO-415726902	3.22	14 1-	2ACSR	0	0	1572	331	79	5	3	0.00	1.75	0
CO1989277575+	CO2056277497	3.33	8 1-	2ACSR	0	0	1539	329	27	1	1	0.00	1.75	0
CO1932443823+	CO2056277497	3.32	3 1-	2ACSR	0	0	1542	329	16	1	1	0.00	1.75	0
CO-604828321+	CO1932443823	3.40	2 1-	2ACSR	0	0	1520	328	2	0	0	0.00	1.75	0
CO115694282+	CO-415726902	3.28	0 1-	2ACSR	0	0	1555	330	0	0	0	0.00	1.75	0
CO1802+	CO1528	3.05	15 1-	2ACSR	0	0	1611	332	53	3	2	0.00	1.73	0
CO1799+	CO1802	3.08	9 1-	2ACSR	0	0	1598	331	33	2	1	0.00	1.73	0
CO2130441809+	CO1799	3.10	3 1-	2ACSR	0	0	1593	331	15	1	1	0.00	1.73	0
CO1801+	CO1799	3.16	6 1-	2ACSR	0	0	1575	330	18	1	1	0.00	1.73	0
CO1800+	CO1801	3.23	5 1-	2ACSR	0	0	1554	329	14	0	1	0.00	1.73	0
CO-375362023+	CO1800	3.26	5 1-	2ACSR	0	0	1543	329	14	0	1	0.00	1.73	0
CO2059331085+	CO-375362023	3.30	2 1-	2ACSR	0	0	1531	328	0	0	0	0.00	1.73	0
CO-83812980+	CO-375362023	3.30	3 1-	2ACSR	0	0	1532	328	14	0	1	0.00	1.73	0
CO-2079548184+	CO-83812980	3.39	1 1-	1/0PRIURD	0	0	1517	714	0	0	0	0.00	1.73	0
CO-38205832+	CO-83812980	3.33	2 1-	1/0PRIURD	0	0	1526	717	14	0	1	0.00	1.73	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO402340700+	CO1991	2.01	11 1-	2ACSR	0	0	1891	339	89	6	3	0.00	1.25	0
CO2136894810+	CO402340700	2.11	10 1-	2ACSR	0	0	1849	338	77	5	3	0.01	1.26	0
CO1738+	CO2136894810	2.20	10 1-	4ACSR	0	0	1804	336	77	5	4	0.01	1.27	0
CO1739+	CO1738	2.28	9 1-	4ACSR	0	0	1767	334	75	5	4	0.01	1.28	0
CO1746+	CO1739	2.36	7 1-	4ACSR	0	0	1731	332	69	4	3	0.01	1.29	0
CO1745+	CO1746	2.44	5 1-	4ACSR	0	0	1697	331	51	3	3	0.01	1.30	0
CO1743+	CO1745	2.53	1 1-	4ACSR	0	0	1656	329	11	0	1	0.00	1.30	0
CO1744+	CO1743	2.88	1 1-	4ACSR	0	0	1519	322	11	0	1	0.00	1.30	0
CO1684+	CO1745	2.46	4 1-	4ACSR	0	0	1688	330	40	2	2	0.00	1.30	0
CO1916+	CO1684	2.48	2 1-	4ACSR	0	0	1680	330	4	0	0	0.00	1.30	0
CO1917+	CO1916	2.64	2 1-	4ACSR	0	0	1613	327	4	0	0	0.00	1.30	0
CO1682+	CO1917	2.79	1 1-	4ACSR	0	0	1552	324	3	0	0	0.00	1.30	0
CO1722+	CO1739	2.32	2 1-	4ACSR	0	0	1749	333	6	0	0	0.00	1.28	0
CO1979+	CO1722	2.38	2 1-	4ACSR	0	0	1725	332	6	0	0	0.00	1.28	0
CO1980+	CO1979	2.44	2 1-	4ACSR	0	0	1695	331	6	0	0	0.00	1.28	0
CO1702376531+	CO402340700	2.08	1 1-	2ACSR	0	0	1860	338	12	0	0	0.00	1.25	0
CO387856808+	CO1991	2.03	1 3-	2ACSR	2079	2014	1881	339	74	1	1	0.00	1.25	0
CO-1330846399+	CO387856808	2.07	1 3-	1/0PRIURD	2076	2008	1869	779	74	1	1	0.00	1.25	0
CO2481+	CO2497	1.48	1 1-	4ACSR	0	0	2111	344	4	0	0	0.00	0.79	0
CO2428+	CO2383	1.39	3 1-	4ACSR	0	0	2150	345	2	0	0	0.00	0.68	0
CO2670+	CO2577	0.97	3 1-	4ACSR	0	0	2367	349	14	0	1	0.00	0.33	0
CO2669+	CO2670	1.02	2 1-	4ACSR	0	0	2335	348	8	0	0	0.00	0.33	0
CO2490+	CO2808	0.81	1 1-	1/0PRIURD	0	0	2458	866	3	0	0	0.00	0.26	0
CO2426+	CO2657	0.19	2 3-	500PRIURD	2754	2777	2782	890	91	2	1	0.00	0.03	0
CO2417+	CO2426	0.37	2 3-	500PRIURD	2764	2774	2704	882	91	2	1	0.00	0.03	0
CO2854+	CO2417	0.44	1 3-	500PRIURD	2768	2777	2702	881	49	1	0	0.00	0.03	0
CO2853+	CO2417	0.44	1 3-	500PRIURD	2768	2773	2677	879	42	1	0	0.00	0.03	0
CO2419+	CO2853	0.50	1 3-	500PRIURD	2771	2772	2651	876	42	0	0	0.00	0.03	0
CO2420+	CO2419	0.60	1 3-	500PRIURD	2777	2769	2609	871	42	0	0	0.00	0.03	0
CO2820+	CO2420	0.70	1 3-	1/0PRIURD	2769	2746	2554	863	42	0	1	0.00	0.03	0
CO2415+	CO2426	0.31	0 3-	500PRIURD	2761	2775	2728	884	0	0	0	0.00	0.03	0
CO2821+	CO2826	0.02	562 3-	500 MCM ACSR 30	2772	2841	2869	355	4193	93	14	0.00	0.01	10
Sharkey Ckt+	CO2821	0.02	562 3-	200 120WVE	2772	2841	2869	355	4193	93	0	0.00	0.01	0
CO2413+	Sharkey Ckt	0.03	562 3-	500PRIURD	2773	2834	2862	897	4193	93	27	0.00	0.01	17
CO2585+	CO2413	0.06	562 3-	336ACSR	2763	2818	2845	355	4193	93	18	0.01	0.02	46
CO2809+	CO2585	0.10	562 3-	336ACSR	2748	2796	2821	355	4193	93	18	0.01	0.03	66
CO2850+	CO2809	0.27	562 3-	336ACSR	2690	2712	2727	354	4192	93	18	0.05	0.08	266
CO2582+	CO2850	0.37	562 3-	336ACSR	2658	2668	2677	354	4191	93	18	0.03	0.11	149
CO2583+	CO2582	0.56	562 3-	336ACSR	2596	2594	2581	353	4190	93	18	0.06	0.17	304
CO2581+	CO2583	0.77	562 3-	336ACSR	2530	2518	2482	352	4189	93	18	0.06	0.23	333
CO2584+	CO2581	0.82	562 3-	336ACSR	2517	2502	2462	352	4187	93	18	0.01	0.25	72
CO2580+	CO2584	0.85	560 3-	336ACSR	2508	2491	2448	352	4182	93	18	0.01	0.26	47
SW75-B+	CO2580	0.85	0 3-	Open	2508	2491	2448	352	0	0	0	0.00	0.26	0
CO2575+	CO2580	0.91	559 3-	1/0ACSR	2482	2463	2412	351	4176	93	41	0.05	0.31	314
CO2574+	CO2575	1.15	555 3-	1/0ACSR	2391	2360	2282	348	4161	93	41	0.19	0.49	1182
CO2576+	CO2574	1.19	554 3-	1/0ACSR	2376	2344	2263	348	4155	93	41	0.03	0.52	188
CO2573+	CO2576	1.23	553 3-	1/0ACSR	2359	2325	2240	347	4135	92	40	0.04	0.56	224
CO2525+	CO2573	1.28	133 3-	1/0ACSR	2340	2303	2213	347	973	21	9	0.01	0.57	14
OC840012596+	CO2525	1.28	131 3-	100 L OCR	2340	2303	2213	347	951	21	21	0.00	0.57	0
CO2524+	OC840012596	1.35	131 3-	1/0ACSR	2316	2276	2180	346	951	21	9	0.01	0.58	17
CO2506+	CO2524	1.38	129 3-	1/0ACSR	2304	2263	2164	346	941	21	9	0.01	0.59	8

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2508+	CO2506	1.43	128 3-	1/0ACSR	2288	2246	2144	345	939	20	9	0.01	0.59	11
CO2507+	CO2508	1.48	127 3-	1/0ACSR	2268	2223	2117	345	930	20	9	0.01	0.60	14
CO2512+	CO2507	1.52	123 3-	1/0ACSR	2255	2208	2100	344	909	20	9	0.01	0.61	9
CO2509+	CO2512	1.56	122 3-	1/0ACSR	2242	2194	2083	344	902	20	9	0.01	0.62	9
CO2511+	CO2509	1.61	121 3-	1/0ACSR	2225	2175	2061	343	895	19	9	0.01	0.62	11
CO2510+	CO2511	1.68	120 3-	1/0ACSR	2200	2147	2028	343	891	19	9	0.01	0.64	17
CO2388+	CO2510	1.80	118 3-	1/0ACSR	2162	2105	1980	341	884	19	9	0.02	0.65	25
CO2436+	CO2388	1.87	3 1-	4ACSR	0	0	1940	340	24	1	1	0.00	0.66	0
OC654056532+	CO2436	1.87	1 1-	20 N FUSE	0	0	1940	340	4	0	1	0.00	0.66	0
CO-1941332583+	OC654056532	1.93	1 1-	2ACSR	0	0	1917	339	4	0	0	0.00	0.66	0
CO2692+	CO2388	1.84	0 1-	4ACSR	0	0	1955	340	0	0	0	0.00	0.65	0
OC784152550+	CO2692	1.84	0 1-	20 N FUSE	0	0	1955	340	0	0	0	0.00	0.65	0
CO2691+	OC784152550	1.88	0 1-	4ACSR	0	0	1936	340	0	0	0	0.00	0.65	0
CO2389+	CO2388	1.93	115 3-	1/0ACSR	2117	2056	1925	340	859	19	8	0.02	0.68	29
CO2567+	CO2389	1.98	23 3-	336ACSR	2107	2044	1912	340	203	4	1	0.00	0.68	0
CO2566+	CO2567	2.06	23 3-	336ACSR	2089	2025	1889	339	203	4	1	0.00	0.68	0
CO2568+	CO2566	2.10	20 3-	336ACSR	2082	2016	1880	339	162	3	1	0.00	0.68	0
CO2570+	CO2568	2.23	15 3-	336ACSR	2056	1987	1848	339	110	2	0	0.00	0.68	0
CO2569+	CO2570	2.29	14 3-	336ACSR	2043	1973	1831	339	106	2	0	0.00	0.68	0
CO2650+	CO2569	2.35	12 3-	336ACSR	2031	1959	1816	338	97	2	0	0.00	0.68	0
CO2651+	CO2650	2.46	12 3-	336ACSR	2009	1936	1790	338	97	2	0	0.00	0.68	0
CO2572+	CO2651	2.50	10 3-	336ACSR	2001	1927	1780	338	86	1	0	0.00	0.68	0
CO2571+	CO2572	2.55	9 3-	336ACSR	1991	1916	1768	337	67	1	0	0.00	0.68	0
CO8215+	CO2571	2.66	8 3-	336ACSR	1971	1894	1744	337	58	1	0	0.00	0.68	0
CO1765+	CO8215	2.73	8 3-	336ACSR	1957	1879	1728	337	58	1	0	0.00	0.68	0
CO1764+	CO1765	2.77	8 3-	336ACSR	1951	1872	1719	336	58	1	0	0.00	0.68	0
CO1895+	CO1764	2.81	3 1-	2ACSR	0	0	1704	336	37	2	1	0.00	0.68	0
CO1896+	CO1895	2.86	2 1-	2ACSR	0	0	1687	335	24	1	1	0.00	0.69	0
CO1763+	CO1764	2.85	5 3-	336ACSR	1936	1856	1702	336	20	0	0	0.00	0.68	0
CO1532+	CO1763	2.92	3 3-	336ACSR	1922	1841	1685	336	5	0	0	0.00	0.68	0
CO1997+	CO1532	2.93	0 3-	336ACSR	1921	1840	1684	336	0	0	0	0.00	0.68	0
#SW51-A+	CO1997	2.93	0 3-	Open	1921	1840	1684	336	0	0	0	0.00	0.68	0
CO1584+	CO1532	2.97	1 1-	4ACSR	0	0	1667	335	2	0	0	0.00	0.68	0
CO1580+	CO1532	2.97	2 1-	4ACSR	0	0	1667	335	3	0	0	0.00	0.68	0
CO1585+	CO1763	2.89	2 1-	4ACSR	0	0	1683	335	15	1	1	0.00	0.68	0
CO2494+	CO2571	2.58	1 1-	2ACSR	0	0	1756	337	10	0	0	0.00	0.68	0
CO2445+	CO2651	2.54	2 1-	4ACSR	0	0	1754	336	11	0	1	0.00	0.68	0
CO2718+	CO2569	2.33	2 1-	4ACSR	0	0	1813	338	9	0	0	0.00	0.68	0
CO2717+	CO2718	2.37	1 1-	4ACSR	0	0	1793	337	5	0	0	0.00	0.68	0
CO2722+	CO2568	2.15	4 1-	4ACSR	0	0	1857	338	49	3	2	0.00	0.68	0
CO2719+	CO2722	2.17	2 1-	4ACSR	0	0	1845	338	19	1	1	0.00	0.68	0
CO2721+	CO2719	2.19	2 1-	4ACSR	0	0	1837	337	19	1	1	0.00	0.68	0
CO2720+	CO2721	2.23	1 1-	4ACSR	0	0	1820	337	13	0	1	0.00	0.68	0
CO2444+	CO2389	1.98	1 1-	4ACSR	0	0	1901	339	5	0	0	0.00	0.68	0
OC-681621843+	CO2444	1.98	0 1-	20 N FUSE	0	0	1901	339	0	0	0	0.00	0.68	0
CO2390+	CO2389	2.03	91 3-	1/0ACSR	2087	2023	1888	339	651	14	6	0.01	0.69	11
CO2681+	CO2390	2.05	5 1-	4ACSR	0	0	1878	339	24	1	1	0.00	0.69	0
OC-1293230152+	CO2681	2.05	3 1-	20 N FUSE	0	0	1878	339	14	0	5	0.00	0.69	0
CO2443+	OC-1293230152	2.10	1 1-	4ACSR	0	0	1855	338	4	0	0	0.00	0.69	0
CO2680+	OC-1293230152	2.08	2 1-	4ACSR	0	0	1861	338	10	0	0	0.00	0.69	0
CO2391+	CO2390	2.14	86 3-	1/0ACSR	2054	1986	1847	338	627	13	6	0.01	0.70	12
CO2519+	CO2391	2.21	65 3-	1/0ACSR	2034	1964	1823	337	496	10	5	0.01	0.70	5

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2790+	CO2519	2.24	20 1-	2ACSR	0	0	1808	337	161	11	6	0.01	0.71	0
CO2792+	CO2790	2.27	17 1-	2ACSR	0	0	1799	336	134	9	5	0.00	0.71	0
CO2793+	CO2792	2.31	17 1-	2ACSR	0	0	1782	336	134	9	5	0.01	0.72	0
CO2794+	CO2793	2.34	13 1-	2ACSR	0	0	1769	335	100	6	4	0.00	0.72	0
CO2797+	CO2794	2.43	11 1-	2ACSR	0	0	1738	334	87	5	3	0.01	0.73	0
CO2796+	CO2797	2.48	9 1-	2ACSR	0	0	1717	333	65	4	2	0.00	0.73	0
CO2795+	CO2796	2.51	8 1-	2ACSR	0	0	1706	333	52	3	2	0.00	0.74	0
CO2847+	CO2795	2.57	5 1-	2ACSR	0	0	1685	332	34	2	1	0.00	0.74	0
CO2848+	CO2847	2.62	2 1-	2ACSR	0	0	1665	331	19	1	1	0.00	0.74	0
CO2488+	CO2847	2.62	2 1-	2ACSR	0	0	1667	331	12	0	0	0.00	0.74	0
CO2487+	CO2797	2.46	0 1-	2ACSR	0	0	1726	334	0	0	0	0.00	0.73	0
CO2495+	CO2793	2.34	2 1-	2ACSR	0	0	1769	335	18	1	1	0.00	0.72	0
CO2518+	CO2519	2.25	43 3-	1/0ACSR	2020	1949	1807	337	325	7	3	0.00	0.71	0
CO2516+	CO2518	2.29	43 3-	1/0ACSR	2008	1936	1792	336	325	7	3	0.00	0.71	0
CO2517+	CO2516	2.34	41 3-	1/0ACSR	1994	1920	1776	336	301	6	3	0.00	0.71	0
CO2856+	CO2517	2.47	1 1-	1/0PRIURD	0	0	1752	757	8	0	0	0.00	0.71	0
CO2565+	CO2517	2.38	40 3-	1/0ACSR	1984	1910	1764	336	294	6	3	0.00	0.71	0
CO2563+	CO2565	2.42	40 3-	1/0ACSR	1970	1895	1748	335	294	6	3	0.00	0.71	0
CO2564+	CO2563	2.48	40 3-	1/0ACSR	1956	1879	1731	335	294	6	3	0.00	0.72	0
CO2562+	CO2564	2.57	39 3-	1/0ACSR	1929	1851	1701	334	283	6	3	0.00	0.72	0
CO2561+	CO2562	2.61	37 3-	1/0ACSR	1920	1841	1690	333	266	5	3	0.00	0.72	0
CO2828+	CO2561	2.65	35 3-	1/0ACSR	1907	1827	1675	333	259	5	3	0.00	0.72	0
CO2829+	CO2828	2.69	33 3-	1/0PRIURD	1904	1821	1665	743	251	5	4	0.00	0.72	0
CO2818+	CO2829	2.73	32 3-	1/0PRIURD	1901	1815	1654	740	244	5	4	0.00	0.73	0
CO2817+	CO2818	2.85	31 3-	1/0PRIURD	1892	1797	1623	733	225	5	3	0.00	0.73	0
CO2816+	CO2817	2.93	30 3-	1/0PRIURD	1885	1785	1602	728	208	4	3	0.00	0.73	0
CO8214+	CO2816	2.98	29 3-	1/0PRIURD	1881	1778	1590	726	207	4	3	0.00	0.73	0
CO1530+	CO8214	3.06	2 1-	1/0PRIURD	0	0	1569	721	12	0	1	0.00	0.73	0
CO8224+	CO1530	3.20	1 1-	1/0PRIURD	0	0	1535	713	1	0	0	0.00	0.73	0
CO2846+	CO8224	3.21	0 1-	1/0PRIURD	0	0	1532	713	0	0	0	0.00	0.73	0
CO1582+	CO1530	3.17	1 1-	1/0PRIURD	0	0	1542	715	11	0	0	0.00	0.73	0
CO1651+	CO8214	3.03	27 3-	1/0PRIURD	1876	1770	1577	722	194	4	3	0.00	0.74	0
CO1652+	CO1651	3.08	26 3-	1/0PRIURD	1872	1763	1565	720	194	4	3	0.00	0.74	0
CO8234+	CO1652	3.28	1 1-	1/0PRIURD	0	0	1516	709	9	0	0	0.00	0.74	0
CO2819+	CO8234	3.40	0 1-	1/0PRIURD	0	0	1489	703	0	0	0	0.00	0.74	0
CO1581+	CO1652	3.10	1 1-	1/0PRIURD	0	0	1560	719	6	0	0	0.00	0.74	0
CO1531+	CO1652	3.25	24 3-	1/0PRIURD	1858	1738	1525	710	180	4	3	0.00	0.74	0
CO8217+	CO1531	3.48	22 3-	1/0PRIURD	1836	1704	1471	697	176	3	3	0.01	0.75	0
CO8218+	CO8217	3.74	20 3-	1/0PRIURD	1813	1680	1417	683	164	3	2	0.01	0.76	0
CO2344+	CO8218	3.76	2 1-	1/0PRIURD	0	0	1412	682	17	1	1	0.00	0.76	0
CO2063+	CO8218	3.79	18 2-	1/0PRIURD	0	1676	1407	681	147	4	3	0.00	0.76	0
CO2346+	CO2063	3.85	17 2-	1/0PRIURD	0	1670	1394	678	138	4	3	0.00	0.76	0
CO2347+	CO2346	3.90	15 2-	1/0PRIURD	0	1666	1383	675	128	4	3	0.00	0.76	0
CO2348+	CO2347	3.92	15 2-	1/0PRIURD	0	1664	1380	674	128	4	3	0.00	0.76	0
CO2114+	CO2348	3.95	2 2-	1/0PRIURD	0	1661	1374	673	36	1	1	0.00	0.76	0
CO-863124013+	CO2348	3.95	13 2-	1/0PRIURD	0	1661	1376	673	92	3	2	0.00	0.76	0
CO2123+	CO-863124013	3.97	1 1-	1/0PRIURD	0	0	1372	672	5	0	0	0.00	0.76	0
CO-1205431360+	CO-863124013	4.04	12 2-	1/0PRIURD	0	1652	1363	669	86	2	2	0.00	0.77	0
CO2350+	CO-1205431360	4.06	12 2-	1/0PRIURD	0	1650	1358	667	86	2	2	0.00	0.77	0
CO2351+	CO2350	4.11	10 2-	1/0PRIURD	0	1646	1349	665	72	2	2	0.00	0.77	0
CO2352+	CO2351	4.20	9 2-	1/0PRIURD	0	1638	1331	661	55	1	1	0.00	0.77	0
CO2353+	CO2352	4.27	7 2-	1/0PRIURD	0	1632	1320	658	45	1	1	0.00	0.77	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2354+	CO2353	4.44	5 2-	1/0PRIURD	0	1617	1288	649	28	0	1	0.00	0.77	0
CO2355+	CO2354	4.50	1 2-	1/0PRIURD	0	1612	1278	647	1	0	0	0.00	0.77	0
CO2345+	CO2063	3.81	1 2-	1/0PRIURD	0	1673	1401	679	9	0	0	0.00	0.76	0
CO2113+	CO2063	3.83	0 2-	1/0PRIURD	0	1672	1399	679	0	0	0	0.00	0.76	0
CO2342+	CO8217	3.69	2 1-	1/0PRIURD	0	0	1427	687	12	0	1	0.00	0.75	0
CO2343+	CO2342	3.72	1 1-	1/0PRIURD	0	0	1421	685	10	0	0	0.00	0.75	0
CO1583+	CO1531	3.31	2 2-	1/0PRIURD	0	1729	1511	707	4	0	0	0.00	0.74	0
CO2442+	CO2561	2.67	2 1-	1/0PRIURD	0	0	1680	745	7	0	0	0.00	0.72	0
CO2791+	CO2519	2.24	2 1-	2ACSR	0	0	1811	337	11	0	0	0.00	0.70	0
CO2435+	CO2391	2.28	1 1-	4ACSR	0	0	1783	335	4	0	0	0.00	0.70	0
CO2434+	CO2391	2.27	0 1-	4ACSR	0	0	1786	335	0	0	0	0.00	0.70	0
CO2392+	CO2391	2.26	20 3-	6ACWC	2005	1930	1789	335	127	2	2	0.01	0.71	0
CO2520+	CO2392	2.41	1 1-	6ACWC	0	0	1721	332	1	0	0	0.00	0.71	0
OC1819925872+	CO2520	2.41	1 1-	20 N FUSE	0	0	1721	332	1	0	0	0.00	0.71	0
CO2523+	OC1819925872	2.48	1 1-	6ACWC	0	0	1692	331	1	0	0	0.00	0.71	0
CO2521+	CO2523	2.58	1 1-	6ACWC	0	0	1652	329	1	0	0	0.00	0.71	0
CO2522+	CO2521	2.71	1 1-	6ACWC	0	0	1598	326	1	0	0	0.00	0.71	0
CO8248+	CO2522	2.76	1 1-	6ACWC	0	0	1576	325	1	0	0	0.00	0.71	0
CO2908+	CO8248	2.90	1 1-	6ACWC	0	0	1525	323	1	0	0	0.00	0.71	0
CO2907+	CO2908	2.99	1 1-	6ACWC	0	0	1490	321	1	0	0	0.00	0.71	0
CO2906+	CO2907	3.09	1 1-	6ACWC	0	0	1457	319	1	0	0	0.00	0.71	0
CO2393+	CO2392	2.34	18 1-	6ACWC	0	0	1755	334	114	7	6	0.01	0.72	2
CO2679+	CO2393	2.37	2 1-	4ACSR	0	0	1739	333	5	0	0	0.00	0.72	0
CO2678+	CO2679	2.42	1 1-	4ACSR	0	0	1717	332	2	0	0	0.00	0.72	0
CO2394+	CO2393	2.38	16 1-	6ACWC	0	0	1735	333	109	7	5	0.01	0.73	0
CO2677+	CO2394	2.42	1 1-	4ACSR	0	0	1719	332	12	0	1	0.00	0.73	0
CO2676+	CO2677	2.44	1 1-	4ACSR	0	0	1708	332	12	0	1	0.00	0.73	0
CO2395+	CO2394	2.45	15 1-	6ACWC	0	0	1704	331	97	6	5	0.01	0.74	0
CO2514+	CO2395	2.56	13 1-	6ACWC	0	0	1658	329	88	6	4	0.02	0.75	0
CO2513+	CO2514	2.58	13 1-	6ACWC	0	0	1651	329	88	6	4	0.00	0.75	0
CO2515+	CO2513	2.60	4 1-	6ACWC	0	0	1640	328	18	1	1	0.00	0.76	0
CO2690+	CO2515	2.62	4 1-	4ACSR	0	0	1634	328	18	1	1	0.00	0.76	0
CO2687+	CO2690	2.64	2 1-	4ACSR	0	0	1625	328	12	0	1	0.00	0.76	0
CO2689+	CO2687	2.72	2 1-	4ACSR	0	0	1594	326	12	0	1	0.00	0.76	0
CO2688+	CO2689	2.76	1 1-	4ACSR	0	0	1575	325	11	0	1	0.00	0.76	0
CO2682+	CO2513	2.60	9 1-	4ACSR	0	0	1641	328	70	4	3	0.00	0.76	0
CO2684+	CO2682	2.68	8 1-	4ACSR	0	0	1608	327	61	4	3	0.01	0.76	0
CO2686+	CO2684	2.70	0 1-	4ACSR	0	0	1599	326	0	0	0	0.00	0.76	0
CO2685+	CO2686	2.73	0 1-	4ACSR	0	0	1589	326	0	0	0	0.00	0.76	0
CO2683+	CO2684	2.73	4 1-	4ACSR	0	0	1589	326	29	2	1	0.00	0.76	0
CO2433+	CO2395	2.49	2 1-	4ACSR	0	0	1688	331	9	0	0	0.00	0.74	0
CO923973327+	CO2509	1.61	1 1-	2ACSR	0	0	2060	343	7	0	0	0.00	0.62	0
CO2694+	CO2507	1.55	3 1-	4ACSR	0	0	2079	343	10	0	0	0.00	0.60	0
OC1906426494+	CO2694	1.55	2 1-	20 N FUSE	0	0	2079	343	8	0	3	0.00	0.60	0
CO2693+	OC1906426494	1.70	2 1-	4ACSR	0	0	1993	340	8	0	0	0.00	0.60	0
CO2437+	CO2507	1.54	1 1-	4ACSR	0	0	2084	344	11	0	1	0.00	0.60	0
OC-450118243+	CO2437	1.54	0 1-	20 N FUSE	0	0	2084	344	0	0	0	0.00	0.60	0
CO2483+	CO2506	1.41	1 1-	2ACSR	0	0	2150	345	2	0	0	0.00	0.59	0
OC2043944805+	CO2483	1.41	0 1-	20 N FUSE	0	0	2150	345	0	0	0	0.00	0.59	0
CO2696+	CO2524	1.40	1 1-	4ACSR	0	0	2151	345	4	0	0	0.00	0.58	0
OC1944287655+	CO2696	1.40	1 1-	20 N FUSE	0	0	2151	345	4	0	1	0.00	0.58	0
CO2695+	OC1944287655	1.46	1 1-	4ACSR	0	0	2117	344	4	0	0	0.00	0.58	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2501+	CO2573	1.33	419 3-	1/0ACSR	2322	2283	2189	346	3158	71	31	0.06	0.62	296
CO2500+	CO2501	1.37	416 3-	1/0ACSR	2308	2268	2170	346	2990	67	29	0.02	0.64	98
CO2672+	CO2500	1.45	1 1-	4ACSR	0	0	2125	344	1	0	0	0.00	0.64	0
OC642778976+	CO2672	1.45	1 1-	20 N FUSE	0	0	2125	344	1	0	0	0.00	0.64	0
CO2673+	OC642778976	1.60	1 1-	4ACSR	0	0	2034	341	1	0	0	0.00	0.64	0
CO2671+	CO2673	1.74	0 1-	4ACSR	0	0	1956	338	0	0	0	0.00	0.64	0
CO2430+	OC642778976	1.49	0 1-	4ACSR	0	0	2100	343	0	0	0	0.00	0.64	0
CO2385+	CO2500	1.56	415 3-	1/0ACSR	2241	2193	2082	344	2988	67	29	0.11	0.75	492
CO2431+	CO2385	1.64	1 1-	4ACSR	0	0	2039	342	15	1	1	0.00	0.75	0
OC-294088462+	CO2431	1.64	0 1-	20 N FUSE	0	0	2039	342	0	0	0	0.00	0.75	0
CO2386+	CO2385	1.64	414 3-	1/0ACSR	2215	2164	2048	343	2970	66	29	0.04	0.79	195
CO2432+	CO2386	1.70	3 1-	4ACSR	0	0	2011	342	14	0	1	0.00	0.80	0
OC1478384798+	CO2432	1.70	0 1-	20 N FUSE	0	0	2011	342	0	0	0	0.00	0.80	0
CO2387+	CO2386	1.79	411 3-	1/0ACSR	2164	2107	1983	342	2955	66	29	0.09	0.88	392
CO2836+	CO2387	1.80	2 1-	4ACSR	0	0	1977	341	11	0	1	0.00	0.88	0
OC76+	CO2836	1.80	2 1-	10 N FUSE	0	0	1977	341	11	0	8	0.00	0.88	0
CO2837+	OC76	2.61	2 1-	4ACSR	0	0	1594	324	11	0	1	0.01	0.90	0
CO8247+	CO2837	2.99	2 1-	4ACSR	0	0	1450	317	11	0	1	0.01	0.90	0
CO2904+	CO8247	3.05	2 1-	2ACSR	0	0	1432	316	11	0	0	0.00	0.90	0
CO1390685920+	CO2904	3.17	1 1-	2ACSR	0	0	1400	315	8	0	0	0.00	0.90	0
CO429209606+	CO2904	3.13	1 1-	2ACSR	0	0	1410	315	3	0	0	0.00	0.90	0
CO2905+	CO429209606	3.23	1 1-	4ACSR	0	0	1378	314	3	0	0	0.00	0.90	0
CO803186519+	CO429209606	3.44	0 1-	2ACSR	0	0	1331	311	0	0	0	0.00	0.90	0
CO2398+	CO2387	1.90	409 3-	1/0ACSR	2129	2069	1939	340	2942	66	29	0.06	0.94	270
CO1391025622+	CO2398	2.00	403 3-	1/0ACSR	2096	2031	1896	339	2887	65	28	0.06	1.00	257
CO1872941073+	CO1391025622	2.07	403 3-	1/0ACSR	2074	2007	1868	339	2886	65	28	0.04	1.04	172
CO2539+	CO1872941073	2.19	401 3-	1/0ACSR	2040	1970	1827	337	2879	64	28	0.06	1.10	269
CO2709+	CO2539	2.24	2 1-	1/0ACSR	0	0	1808	337	9	0	0	0.00	1.10	0
CO2399+	CO2539	2.27	397 3-	1/0ACSR	2015	1943	1798	337	2848	64	28	0.05	1.15	199
CO2838+	CO2399	2.28	49 1-	2ACSR	0	0	1795	336	350	24	13	0.00	1.15	0
OC77+	CO2838	2.28	49 1-	70 4E OCR	0	0	1795	336	350	24	34	0.00	1.15	0
CO2839+	OC77	2.32	49 1-	2ACSR	0	0	1779	336	350	24	13	0.02	1.17	8
CO2542+	CO2839	2.36	45 1-	2ACSR	0	0	1763	335	325	22	12	0.01	1.18	7
CO2541+	CO2542	2.40	42 1-	2ACSR	0	0	1748	335	313	21	12	0.01	1.19	6
CO2544+	CO2541	2.45	35 1-	2ACSR	0	0	1730	334	276	18	11	0.01	1.21	6
CO2543+	CO2544	2.50	33 1-	2ACSR	0	0	1710	333	269	18	10	0.02	1.22	6
CO2545+	CO2543	2.56	31 1-	2ACSR	0	0	1688	332	257	17	10	0.02	1.24	6
CO2547+	CO2545	2.63	27 1-	2ACSR	0	0	1665	331	215	14	8	0.01	1.25	4
CO2546+	CO2547	2.72	24 1-	2ACSR	0	0	1634	330	186	12	7	0.02	1.27	5
CO2549+	CO2546	2.75	15 1-	2ACSR	0	0	1623	330	100	6	4	0.00	1.27	0
CO2548+	CO2549	2.77	13 1-	2ACSR	0	0	1615	329	92	6	3	0.00	1.28	0
CO2550+	CO2548	2.82	4 1-	2ACSR	0	0	1598	329	27	1	1	0.00	1.28	0
CO2552+	CO2550	2.95	3 1-	2ACSR	0	0	1558	327	13	0	0	0.00	1.28	0
CO2551+	CO2552	3.03	3 1-	2ACSR	0	0	1534	326	13	0	0	0.00	1.28	0
CO2830+	CO2551	3.07	3 1-	1/0PRIURD	0	0	1524	707	13	0	1	0.00	1.28	0
CO2831+	CO2830	3.14	1 1-	1/0PRIURD	0	0	1507	703	3	0	0	0.00	1.28	0
CO2707+	CO2548	2.82	9 1-	2ACSR	0	0	1600	329	64	4	2	0.00	1.28	0
CO2706+	CO2707	2.86	7 1-	2ACSR	0	0	1587	328	51	3	2	0.00	1.28	0
CO2708+	CO2706	2.89	4 1-	2ACSR	0	0	1577	328	21	1	1	0.00	1.28	0
CO1296098099+	CO2708	2.95	2 1-	2ACSR	0	0	1559	327	5	0	0	0.00	1.28	0
CO2449+	CO2708	3.00	1 1-	4ACSR	0	0	1536	325	8	0	0	0.00	1.28	0
CO2438+	CO2706	2.90	2 1-	2ACSR	0	0	1572	327	19	1	1	0.00	1.28	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2704+	CO2546	2.77	1 1-	2ACSR	0	0	1617	329	3	0	0	0.00	1.27	0
CO2705+	CO2704	2.80	1 1-	2ACSR	0	0	1607	329	3	0	0	0.00	1.27	0
CO2480+	CO2546	2.77	7 1-	2ACSR	0	0	1617	329	80	5	3	0.00	1.28	0
CO-887944937+	CO2480	2.98	4 1-	1/0PRIURD	0	0	1563	717	40	2	2	0.00	1.28	0
CO-350058162+	CO2480	2.82	2 1-	1/0PRIURD	0	0	1604	725	25	1	1	0.00	1.28	0
CO2477+	CO2544	2.49	2 1-	2ACSR	0	0	1714	333	7	0	0	0.00	1.21	0
CO2697+	CO2541	2.43	4 1-	2ACSR	0	0	1735	334	24	1	1	0.00	1.19	0
CO2699+	CO2697	2.47	3 1-	2ACSR	0	0	1723	334	19	1	1	0.00	1.19	0
CO2701+	CO2699	2.53	1 1-	2ACSR	0	0	1701	333	6	0	0	0.00	1.20	0
CO2700+	CO2701	2.56	1 1-	2ACSR	0	0	1687	332	6	0	0	0.00	1.20	0
CO2698+	CO2699	2.50	2 1-	2ACSR	0	0	1709	333	13	0	1	0.00	1.20	0
CO2703+	CO2839	2.36	4 1-	2ACSR	0	0	1762	335	25	1	1	0.00	1.17	0
CO2702+	CO2703	2.39	1 1-	2ACSR	0	0	1751	335	6	0	0	0.00	1.17	0
CO2397+	CO2399	2.35	348 3-	1/0ACSR	1991	1917	1770	336	2497	56	24	0.04	1.19	146
CO8238+	CO2397	2.39	346 3-	1/0ACSR	1980	1905	1757	335	2480	55	24	0.02	1.20	70
CO3709+	CO8238	2.43	343 3-	1/0ACSR	1969	1893	1744	335	2453	55	24	0.02	1.22	68
CO3808+	CO3709	2.43	27 1-	2ACSR	0	0	1742	335	196	13	7	0.00	1.22	0
OC97+	CO3808	2.43	27 1-	70 4E OCR	0	0	1742	335	196	13	19	0.00	1.22	0
CO17308+	OC97	2.45	27 1-	2ACSR	0	0	1736	335	196	13	7	0.00	1.23	0
CO17309+	CO17308	2.49	26 1-	2ACSR	0	0	1721	334	191	13	7	0.01	1.23	2
CO3710+	CO17309	2.57	26 1-	2ACSR	0	0	1693	333	191	13	7	0.02	1.25	4
CO3711+	CO3710	2.61	25 1-	2ACSR	0	0	1679	332	169	11	6	0.01	1.26	0
CO3713+	CO3711	2.66	23 1-	2ACSR	0	0	1659	332	151	10	6	0.01	1.27	0
CO3714+	CO3713	2.71	22 1-	2ACSR	0	0	1643	331	140	9	5	0.01	1.27	0
CO8245+	CO3714	2.79	8 1-	2ACSR	0	0	1618	330	39	2	2	0.00	1.28	0
CO2712+	CO8245	2.80	8 1-	2ACSR	0	0	1613	330	39	2	2	0.00	1.28	0
CO2713+	CO2712	2.87	2 1-	2ACSR	0	0	1591	329	11	0	0	0.00	1.28	0
CO2448+	CO2712	2.86	2 1-	4ACSR	0	0	1588	328	10	0	1	0.00	1.28	0
CO2482+	CO8245	2.81	0 1-	2ACSR	0	0	1610	329	0	0	0	0.00	1.28	0
CO3019+	CO3714	2.76	13 1-	2ACSR	0	0	1625	330	88	6	3	0.00	1.28	0
CO3715+	CO3019	2.81	10 1-	2ACSR	0	0	1609	329	70	4	3	0.00	1.28	0
CO8246+	CO3715	2.85	10 1-	2ACSR	0	0	1597	329	70	4	3	0.00	1.28	0
CO2714+	CO8246	2.92	8 1-	2ACSR	0	0	1575	328	52	3	2	0.00	1.29	0
CO2832+	CO2714	3.01	6 1-	1/0PRIURD	0	0	1552	715	33	2	1	0.00	1.29	0
CO2834+	CO2832	3.02	0 1-	1/0PRIURD	0	0	1549	714	0	0	0	0.00	1.29	0
CO2835+	CO2834	3.05	0 1-	1/0PRIURD	0	0	1541	713	0	0	0	0.00	1.29	0
CO2833+	CO2832	3.14	4 1-	1/0PRIURD	0	0	1520	708	9	0	0	0.00	1.29	0
CO3113+	CO3019	2.81	2 1-	2ACSR	0	0	1609	329	8	0	0	0.00	1.28	0
CO3205+	CO3113	2.87	0 1-	2ACSR	0	0	1591	329	0	0	0	0.00	1.28	0
CO3712+	CO3711	2.63	2 1-	2ACSR	0	0	1670	332	18	1	1	0.00	1.26	0
CO8262+	CO3712	2.70	0 1-	2ACSR	0	0	1647	331	0	0	0	0.00	1.26	0
CO3214+	CO3712	2.68	2 1-	2ACSR	0	0	1654	331	18	1	1	0.00	1.26	0
CO3840+	CO3709	2.49	316 3-	1/0ACSR	1951	1874	1723	334	2257	50	22	0.03	1.25	94
CO3708+	CO3840	2.62	316 3-	1/0ACSR	1916	1836	1683	333	2257	50	22	0.05	1.30	191
CO3695+	CO3708	2.72	50 3-	2ACSR	1884	1801	1647	332	382	8	5	0.01	1.32	7
CO3698+	CO3695	2.75	20 1-	2ACSR	0	0	1638	331	136	9	5	0.00	1.32	0
CO3699+	CO3698	2.78	0 1-	2ACSR	0	0	1627	331	0	0	0	0.00	1.32	0
CO72746847+	CO3698	2.78	17 1-	2ACSR	0	0	1627	331	109	7	4	0.00	1.32	0
CO1566374362+	CO72746847	2.83	17 1-	2ACSR	0	0	1610	330	109	7	4	0.01	1.33	0
CO1514842378+	CO1566374362	2.92	11 1-	2ACSR	0	0	1583	329	75	5	3	0.01	1.34	0
CO974344906+	CO1514842378	2.96	4 1-	2ACSR	0	0	1570	328	26	1	1	0.00	1.34	0
CO503884482+	CO974344906	2.98	1 1-	2ACSR	0	0	1564	328	8	0	0	0.00	1.34	0

Substation Power Factor: 0.98
Run Date:

Load Factor: 0.65
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Loss Factor: 0.46

Cost: 0.0530 per kWh

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO-621327499+	CO1514842378	2.94	6 1-	2ACSR	0	0	1575	328	42	2	2	0.00	1.34	0
CO-58995674+	CO-621327499	2.98	5 1-	2ACSR	0	0	1563	328	32	2	1	0.00	1.34	0
CO784777126+	CO1566374362	2.88	3 1-	2ACSR	0	0	1596	329	12	0	0	0.00	1.33	0
CO-482639840+	CO1566374362	2.87	3 1-	2ACSR	0	0	1597	329	21	1	1	0.00	1.33	0
CO3696+	CO3695	2.75	30 3-	2ACSR	1877	1793	1638	331	246	5	3	0.00	1.32	0
OC-337950959+	CO3696	2.75	30 3-	20 N FUSE	1877	1793	1638	331	246	5	28	0.00	1.32	0
CO3697+	OC-337950959	2.77	30 3-	2ACSR	1870	1785	1631	331	246	5	3	0.00	1.32	0
CO3706+	CO3697	2.80	6 1-	2ACSR	0	0	1622	330	45	3	2	0.00	1.32	0
OC1705993658+	CO3706	2.80	1 1-	20 N FUSE	0	0	1622	330	9	0	3	0.00	1.32	0
CO3707+	OC1705993658	2.83	1 1-	2ACSR	0	0	1611	330	9	0	0	0.00	1.32	0
CO3702+	CO3697	2.83	19 3-	2ACSR	1853	1767	1612	330	161	3	2	0.00	1.32	0
CO3704+	CO3702	2.85	8 1-	2ACSR	0	0	1604	330	58	3	2	0.00	1.32	0
OC-438170994+	CO3704	2.85	4 1-	20 N FUSE	0	0	1604	330	31	2	11	0.00	1.32	0
CO3705+	OC-438170994	2.88	4 1-	2ACSR	0	0	1593	329	31	2	1	0.00	1.32	0
CO3703+	CO3702	2.86	6 3-	2ACSR	1844	1757	1601	330	64	1	1	0.00	1.32	0
CO3700+	CO3703	2.90	3 1-	2ACSR	0	0	1588	329	26	1	1	0.00	1.32	0
OC-37425032+	CO3700	2.90	1 1-	20 N FUSE	0	0	1588	329	9	0	3	0.00	1.32	0
CO3701+	OC-37425032	2.94	1 1-	2ACSR	0	0	1577	329	9	0	0	0.00	1.32	0
CO3694+	CO3708	2.65	265 3-	1/0ACSR	1907	1826	1672	333	1871	42	18	0.01	1.32	34
CO3121+	CO3694	2.70	1 1-	4ACSR	0	0	1656	332	7	0	0	0.00	1.32	0
OC-652523128+	CO3121	2.70	0 1-	20 N FUSE	0	0	1656	332	0	0	0	0.00	1.32	0
XFMR115	CO3694	2.65	264 3-	1000 KVA 1PH AU	1723	1697	1623	176	1864	41	60	0.37	1.69	0
CO3026	XFMR115	2.69	264 3-	1/0ACSR	1709	1681	1604	176	1864	83	36	0.05	1.73	142
CO3011	CO3026	2.77	263 3-	1/0ACSR	1677	1645	1562	176	1851	83	36	0.11	1.84	328
CO3693	CO3011	2.81	258 3-	1/0ACSR	1662	1629	1543	175	1836	82	36	0.05	1.90	151
CO3692	CO3693	2.90	258 3-	1/0ACSR	1631	1594	1502	175	1835	82	36	0.11	2.01	334
CO3691	CO3692	2.94	256 3-	1/0ACSR	1616	1577	1482	175	1828	82	36	0.05	2.06	161
CO3010	CO3691	3.00	254 3-	4/0AAAC	1600	1559	1462	175	1819	81	21	0.04	2.10	113
CO3009	CO3010	3.09	212 3-	4/0AAAC	1575	1532	1430	174	1518	68	17	0.05	2.15	121
CO3008	CO3009	3.19	208 3-	4/0AAAC	1551	1505	1400	174	1494	67	17	0.05	2.20	120
CO3007	CO3008	3.30	156 3-	4/0AAAC	1522	1473	1363	174	1130	50	13	0.04	2.25	86
CO3633	CO3007	3.39	149 3-	4/0AAAC	1502	1451	1339	173	1110	49	13	0.03	2.28	58
CO3632	CO3633	3.43	148 3-	4/0AAAC	1490	1439	1325	173	1107	49	13	0.02	2.29	34
CO3006	CO3632	3.53	143 3-	4/0AAAC	1468	1415	1298	173	1078	48	12	0.03	2.33	63
CO3090	CO3006	3.59	2 1-	4ACSR	0	0	1271	172	3	0	0	0.00	2.33	0
OC531713936	CO3090	3.59	0 1-	20 N FUSE	0	0	1271	172	0	0	0	0.00	2.33	0
CO3089	CO3006	3.59	0 1-	4ACSR	0	0	1271	172	0	0	0	0.00	2.33	0
OC1348614071	CO3089	3.59	0 1-	20 N FUSE	0	0	1271	172	0	0	0	0.00	2.33	0
CO3023	CO3006	3.64	139 3-	4/0AAAC	1443	1388	1268	173	1066	47	12	0.04	2.36	73
CO3119	CO3023	3.74	5 1-	4ACSR	0	0	1227	172	19	2	2	0.01	2.37	0
OC560474715	CO3119	3.74	0 1-	20 N FUSE	0	0	1227	172	0	0	0	0.00	2.37	0
CO3024	CO3023	3.69	133 3-	4/0AAAC	1431	1375	1254	172	1036	46	12	0.02	2.38	33
CO3003	CO3024	3.72	130 3-	4/0AAAC	1426	1370	1248	172	1015	45	12	0.01	2.39	14
CO3002	CO3003	3.81	108 3-	4/0AAAC	1406	1348	1225	172	864	39	10	0.02	2.41	41
FD1972142344	CO3002	3.81	62 3-	_DefaultBayEqui	1406	1348	1225	172	466	22	0	0.00	2.41	0
CO3001	FD1972142344	3.90	62 3-	4/0AAAC	1389	1330	1204	172	466	22	6	0.00	2.41	12
OC1972142344	CO3001	3.90	59 3-	20 N FUSE	1389	1330	1204	172	451	22	111	0.00	2.41	0
CO3586	OC1972142344	3.93	59 3-	4/0AAAC	1381	1322	1196	172	451	22	6	0.00	2.42	5
CO3585	CO3586	4.01	59 3-	4/0AAAC	1365	1304	1177	172	451	22	6	0.00	2.42	11
CO3583	CO3585	4.05	4 1-	4ACSR	0	0	1163	171	42	5	4	0.01	2.43	0
OC-1174440487	CO3583	4.05	3 1-	20 N FUSE	0	0	1163	171	29	4	20	0.00	2.43	0
CO3584	OC-1174440487	4.13	3 1-	4ACSR	0	0	1133	170	29	4	3	0.01	2.44	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3582	CO3585	4.06	54 3-	4/0AAAC	1356	1295	1167	171	401	20	5	0.00	2.42	5
CO3581	CO3582	4.13	54 3-	4/0AAAC	1341	1279	1151	171	401	20	5	0.00	2.42	9
CO3580	CO3581	4.14	54 3-	4/0AAAC	1339	1277	1148	171	401	20	5	0.00	2.42	0
CO30667	CO3580	4.21	47 3-	4/0AAAC	1327	1264	1135	171	344	15	4	0.01	2.43	5
CO3574	CO30667	4.23	47 3-	4/0AAAC	1322	1259	1129	171	344	15	4	0.00	2.44	0
CO1847633510	CO3574	4.31	45 3-	4/0ACSR	1305	1241	1109	171	332	15	5	0.01	2.45	6
OC714252813	CO1847633510	4.31	41 3-	20 N FUSE	1305	1241	1109	171	272	12	63	0.00	2.45	0
CO-1948090425	OC714252813	4.42	41 3-	4/0ACSR	1285	1220	1084	170	272	12	4	0.01	2.46	5
CO3568	CO-1948090425	4.50	3 1-	4/0AAAC	0	0	1068	170	9	1	0	0.00	2.46	0
OC1298901616	CO3568	4.50	2 1-	20 N FUSE	0	0	1068	170	7	0	5	0.00	2.46	0
CO3569	OC1298901616	4.70	1 1-	4/0AAAC	0	0	1032	169	4	0	0	0.00	2.47	0
CO3570	CO3569	4.74	1 1-	4/0AAAC	0	0	1026	169	4	0	0	0.00	2.47	0
CO3566	OC1298901616	4.56	1 1-	2ACSR	0	0	1051	170	3	0	0	0.00	2.47	0
CO3567	CO3566	4.62	1 1-	2ACSR	0	0	1035	169	3	0	0	0.00	2.47	0
CO3565	CO-1948090425	4.46	38 3-	4/0AAAC	1277	1212	1076	170	262	12	3	0.01	2.47	0
CO3836	CO3565	4.54	33 3-	4/0AAAC	1263	1197	1061	170	194	9	2	0.01	2.48	0
CO3557	CO3836	4.63	6 1-	4ACSR	0	0	1031	169	27	3	3	0.01	2.49	0
OC-1899465917	CO3557	4.63	4 1-	20 N FUSE	0	0	1031	169	23	3	16	0.00	2.49	0
CO3558	OC-1899465917	4.77	4 1-	4ACSR	0	0	988	167	23	3	2	0.02	2.51	0
CO3559	CO3558	4.80	3 1-	4ACSR	0	0	981	167	23	3	2	0.00	2.52	0
CO3560	CO3559	4.84	3 1-	4ACSR	0	0	967	167	23	3	2	0.01	2.52	0
CO3561	CO3560	4.89	3 1-	4ACSR	0	0	954	166	23	3	2	0.01	2.53	0
CO3562	CO3561	5.13	2 1-	4ACSR	0	0	890	164	15	2	1	0.02	2.55	0
CO3835	CO3562	5.17	1 1-	4ACSR	0	0	878	163	6	0	1	0.00	2.55	0
CO3563	CO3562	5.22	1 1-	4ACSR	0	0	866	163	9	1	1	0.01	2.56	0
CO3564	CO3563	5.27	1 1-	4ACSR	0	0	854	162	9	1	1	0.00	2.56	0
CO3063	CO3836	4.64	26 3-	4/0AAAC	1246	1180	1043	170	165	7	2	0.01	2.48	0
CO3556	CO3063	4.77	22 3-	4/0AAAC	1225	1157	1020	169	160	7	2	0.01	2.49	0
CO3555	CO3556	4.92	21 3-	4/0AAAC	1200	1132	994	169	149	6	2	0.01	2.50	0
CO3554	CO3555	5.07	20 3-	4/0AAAC	1178	1110	971	168	135	6	2	0.01	2.51	0
CO3548	CO3554	5.13	3 1-	4/0AAAC	0	0	962	168	14	1	0	0.00	2.51	0
OC-1003869023	CO3548	5.13	3 1-	20 N FUSE	0	0	962	168	14	1	10	0.00	2.51	0
CO3549	OC-1003869023	5.21	2 1-	4/0AAAC	0	0	950	168	14	1	0	0.00	2.52	0
CO3550	CO3549	5.26	2 1-	4/0AAAC	0	0	943	168	14	1	0	0.00	2.52	0
CO3551	CO3550	5.27	2 1-	4/0AAAC	0	0	941	168	14	1	0	0.00	2.52	0
CO3552	CO3551	5.31	1 1-	4/0AAAC	0	0	935	168	6	0	0	0.00	2.52	0
CO3553	CO3552	5.35	0 1-	4/0AAAC	0	0	929	168	0	0	0	0.00	2.52	0
CO3180	OC-1003869023	5.18	1 1-	4ACSR	0	0	946	168	0	0	0	0.00	2.51	0
CO3546	CO3554	5.16	1 1-	4ACSR	0	0	945	167	2	0	0	0.00	2.51	0
OC1705047778	CO3546	5.16	0 1-	20 N FUSE	0	0	945	167	0	0	0	0.00	2.51	0
CO3547	OC1705047778	5.21	0 1-	4ACSR	0	0	933	167	0	0	0	0.00	2.51	0
CO3545	CO3554	5.12	15 3-	4/0AAAC	1171	1102	964	168	110	5	1	0.00	2.51	0
CO3544	CO3545	5.17	14 3-	4/0AAAC	1163	1093	955	168	100	4	1	0.00	2.52	0
CO3542	CO3544	5.27	4 1-	4ACSR	0	0	930	167	14	1	1	0.01	2.53	0
OC676805777	CO3542	5.27	3 1-	20 N FUSE	0	0	930	167	13	1	9	0.00	2.53	0
CO3543	OC676805777	5.28	3 1-	4ACSR	0	0	927	167	13	1	1	0.00	2.53	0
CO3179	CO3544	5.26	1 1-	4ACSR	0	0	933	167	17	2	2	0.00	2.52	0
OC-1188327173	CO3179	5.26	0 1-	20 N FUSE	0	0	933	167	0	0	0	0.00	2.52	0
CO3062	CO3544	5.22	8 3-	4/0AAAC	1156	1086	948	168	63	2	1	0.00	2.52	0
CO3540	CO3062	5.36	1 1-	4ACSR	0	0	911	166	8	1	1	0.01	2.52	0
OC644881443	CO3540	5.36	1 1-	20 N FUSE	0	0	911	166	8	1	5	0.00	2.52	0
CO3541	OC644881443	5.47	0 1-	4ACSR	0	0	885	165	0	0	0	0.00	2.52	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3177	OC644881443	5.41	1 1-	4ACSR	0	0	899	166	8	1	1	0.00	2.53	0
CO3478	CO3062	5.34	5 3-	4/0AAAC	1138	1068	930	168	26	1	0	0.00	2.52	0
CO3477	CO3478	5.44	5 3-	4/0AAAC	1125	1055	917	167	26	1	0	0.00	2.52	0
CO3475	CO3477	5.48	2 1-	4ACSR	0	0	905	167	5	0	0	0.00	2.52	0
OC-1403761870	CO3475	5.48	2 1-	20 N FUSE	0	0	905	167	5	0	3	0.00	2.52	0
CO3476	OC-1403761870	5.56	1 1-	4ACSR	0	0	887	166	5	0	0	0.00	2.52	0
CO3474	CO3476	5.59	1 1-	4ACSR	0	0	880	166	5	0	0	0.00	2.52	0
CO3195	OC-1403761870	5.54	1 1-	4ACSR	0	0	892	166	0	0	0	0.00	2.52	0
CO3178	CO3063	4.71	3 1-	4ACSR	0	0	1021	169	5	0	0	0.00	2.48	0
OC-493497349	CO3178	4.71	0 1-	20 N FUSE	0	0	1021	169	0	0	0	0.00	2.48	0
CO-235018207	CO3565	4.58	5 1-	2ACSR	0	0	1043	169	68	9	5	0.03	2.50	3
CO-1014668998	CO-235018207	4.70	4 1-	2ACSR	0	0	1012	168	51	7	4	0.03	2.53	0
CO1855290407	CO-1014668998	4.72	1 1-	2ACSR	0	0	1005	168	19	2	2	0.00	2.53	0
CO1392229375	CO-1014668998	4.83	2 1-	2ACSR	0	0	979	167	18	2	1	0.01	2.53	0
CO828980580	CO-1014668998	4.77	1 1-	2ACSR	0	0	993	168	14	1	1	0.00	2.53	0
CO2017925851	CO828980580	4.85	1 1-	2ACSR	0	0	974	167	14	1	1	0.00	2.53	0
CO-448609535	CO1847633510	4.37	4 1-	#2 ACSR 7/1	0	0	1092	170	60	8	5	0.02	2.47	0
OC-697522020	CO-448609535	4.37	4 1-	20 N FUSE	0	0	1092	170	60	8	42	0.00	2.47	0
CO891319403	OC-697522020	4.41	4 1-	2ACSR	0	0	1080	170	60	8	5	0.01	2.48	0
CO480748568	CO891319403	4.46	4 1-	2ACSR	0	0	1067	170	60	8	5	0.01	2.49	0
CO-310192311	CO480748568	4.50	1 1-	1/0PRIURD	0	0	1059	395	27	3	3	0.00	2.49	0
CO-770432194	CO480748568	4.54	2 1-	2ACSR	0	0	1045	169	33	4	3	0.01	2.50	0
CO-1147746288	CO-770432194	4.55	0 1-	2ACSR	0	0	1040	169	0	0	0	0.00	2.50	0
CO-1919870771	CO-770432194	4.64	1 1-	2ACSR	0	0	1017	168	21	2	2	0.01	2.51	0
CO-948363005	CO-1919870771	4.68	1 1-	2ACSR	0	0	1007	168	21	2	2	0.00	2.51	0
CO-406504989	CO-770432194	4.64	1 1-	2ACSR	0	0	1018	168	12	1	1	0.00	2.50	0
CO3571	CO3574	4.31	2 1-	4/0AAAC	0	0	1114	171	12	1	0	0.00	2.44	0
CO3572	CO3571	4.33	1 1-	4/0AAAC	0	0	1109	171	4	0	0	0.00	2.44	0
CO3573	CO3572	4.42	1 1-	4/0AAAC	0	0	1092	170	4	0	0	0.00	2.44	0
CO3576	CO3580	4.18	5 1-	4/0AAAC	0	0	1141	171	42	5	1	0.00	2.42	0
OC-1786924155	CO3576	4.18	4 1-	20 N FUSE	0	0	1141	171	30	4	21	0.00	2.42	0
CO3577	OC-1786924155	4.22	4 1-	4/0AAAC	0	0	1132	171	30	4	1	0.00	2.43	0
CO3578	CO3577	4.28	1 1-	4/0AAAC	0	0	1119	171	13	1	0	0.00	2.43	0
CO3579	CO3578	4.33	1 1-	4/0AAAC	0	0	1109	171	13	1	0	0.00	2.43	0
CO3575	CO3580	4.15	0 3-	4/0AAAC	1338	1276	1147	171	0	-14	4	0.00	2.42	0
CA55	CO3575	4.15	0 3-	Capacitor	1338	1276	1147	171	0	-14	0	0.00	2.42	0
CO3085	CO3580	4.20	2 1-	4/0AAAC	0	0	1137	171	16	2	1	0.00	2.42	0
OC-379231044	CO3085	4.20	0 1-	20 N FUSE	0	0	1137	171	0	0	0	0.00	2.42	0
CO3086	CO3001	3.94	2 1-	4ACSR	0	0	1185	171	5	0	1	0.00	2.41	0
CO3589	CO3002	3.84	43 1-	2ACSR	0	0	1215	172	380	53	29	0.04	2.45	25
CO3590	CO3589	3.86	42 1-	2ACSR	0	0	1207	172	367	51	28	0.04	2.49	21
CO3116	CO3590	3.89	2 1-	2ACSR	0	0	1196	172	19	2	1	0.00	2.49	0
CO3817	CO3590	3.87	40 1-	2ACSR	0	0	1205	172	348	48	27	0.01	2.50	6
OC94	CO3817	3.87	40 1-	70 L OCR	0	0	1205	172	348	48	70	0.00	2.50	0
CO3818	OC94	3.89	40 1-	2ACSR	0	0	1197	172	348	48	27	0.03	2.54	18
CO3591	CO3818	3.95	39 1-	2ACSR	0	0	1175	171	341	47	26	0.10	2.64	52
CO3016	CO3591	4.05	12 1-	2ACSR	0	0	1143	170	105	14	8	0.05	2.68	7
CO3105	CO3016	4.11	1 1-	2ACSR	0	0	1124	170	15	2	1	0.00	2.68	0
CO3592	CO3016	4.17	11 1-	2ACSR	0	0	1106	170	90	12	7	0.05	2.73	6
CO-1006668924	CO3592	4.18	8 1-	2ACSR	0	0	1101	169	69	9	5	0.01	2.73	0
CO-2051341119	CO-1006668924	4.23	2 1-	2ACSR	0	0	1086	169	24	3	2	0.00	2.74	0
CO897578386	CO-1006668924	4.23	6 1-	2ACSR	0	0	1088	169	45	6	3	0.01	2.74	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3200	CO897578386	4.30	3 1-	2ACSR	0	0	1066	169	25	3	2	0.01	2.75	0
CO3202	CO3200	4.34	1 1-	2/0 HdCu	0	0	1059	168	8	1	0	0.00	2.75	0
CO3596	CO897578386	4.25	3 1-	2ACSR	0	0	1080	169	20	2	2	0.00	2.74	0
CO3219	CO3596	4.29	1 1-	2ACSR	0	0	1069	169	4	0	0	0.00	2.74	0
CO3597	CO3596	4.27	2 1-	2ACSR	0	0	1074	169	15	2	1	0.00	2.75	0
CO3598	CO3597	4.29	2 1-	2ACSR	0	0	1069	169	15	2	1	0.00	2.75	0
CO-698827312	CO3598	4.38	1 1-	2ACSR	0	0	1043	168	2	0	0	0.00	2.75	0
CO3593	CO3592	4.22	2 1-	2ACSR	0	0	1091	169	15	2	1	0.00	2.73	0
CO3594	CO3593	4.26	1 1-	2ACSR	0	0	1077	169	14	1	1	0.00	2.73	0
CO3014	CO3591	4.01	27 1-	2ACSR	0	0	1155	171	236	32	18	0.06	2.70	23
CO3109	CO3014	4.12	1 1-	2ACSR	0	0	1120	170	10	1	1	0.00	2.70	0
CO85281019	CO3014	4.09	26 1-	2ACSR	0	0	1130	170	225	31	18	0.08	2.78	26
CO-2140503505	CO85281019	4.16	25 1-	2ACSR	0	0	1109	170	212	29	17	0.06	2.84	21
CO3201	CO-2140503505	4.26	2 1-	2ACSR	0	0	1076	169	23	3	2	0.01	2.85	0
CO3599	CO-2140503505	4.22	23 1-	2ACSR	0	0	1089	169	190	26	15	0.05	2.90	15
CO3197	CO3599	4.27	1 1-	2ACSR	0	0	1073	169	11	1	1	0.00	2.90	0
CO3600	CO3599	4.26	21 1-	2ACSR	0	0	1077	169	163	22	13	0.03	2.93	7
CO3611	CO3600	4.32	8 1-	2ACSR	0	0	1060	168	55	7	4	0.01	2.94	0
CO3612	CO3611	4.35	8 1-	2ACSR	0	0	1051	168	55	7	4	0.01	2.95	0
CO3613	CO3612	4.42	6 1-	2ACSR	0	0	1031	168	44	6	3	0.01	2.96	0
CO3614	CO3613	4.46	4 1-	2ACSR	0	0	1020	167	36	4	3	0.01	2.97	0
CO3615	CO3614	4.57	2 1-	2ACSR	0	0	992	167	14	1	1	0.01	2.97	0
CO3616	CO3615	4.64	1 1-	2ACSR	0	0	974	166	14	1	1	0.00	2.98	0
CO3101	CO3614	4.50	1 1-	2ACSR	0	0	1010	167	14	2	1	0.00	2.97	0
CO3100	CO3614	4.54	1 1-	2ACSR	0	0	1001	167	7	1	1	0.00	2.97	0
CO3115	CO3612	4.38	1 1-	2ACSR	0	0	1044	168	6	0	0	0.00	2.95	0
CO3603	CO3600	4.30	11 1-	2ACSR	0	0	1065	169	74	10	6	0.01	2.94	0
CO3604	CO3603	4.33	10 1-	2ACSR	0	0	1056	168	64	8	5	0.01	2.95	0
CO3605	CO3604	4.39	10 1-	2ACSR	0	0	1039	168	64	8	5	0.02	2.96	0
CO3608	CO3605	4.46	6 1-	2ACSR	0	0	1020	167	20	2	2	0.01	2.97	0
CO3609	CO3608	4.49	2 1-	2ACSR	0	0	1014	167	16	2	1	0.00	2.97	0
CO3610	CO3609	4.55	2 1-	2ACSR	0	0	998	167	16	2	1	0.00	2.97	0
CO3606	CO3605	4.46	2 1-	2ACSR	0	0	1022	167	24	3	2	0.00	2.97	0
CO3607	CO3606	4.48	1 1-	2ACSR	0	0	1014	167	11	1	1	0.00	2.97	0
CO3103	CO3605	4.49	1 1-	2ACSR	0	0	1014	167	0	0	0	0.00	2.96	0
CO3102	CO3605	4.48	1 1-	2ACSR	0	0	1017	167	20	2	2	0.00	2.97	0
CO3601	CO3600	4.31	2 1-	2ACSR	0	0	1063	168	34	4	3	0.01	2.93	0
CO3602	CO3601	4.36	1 1-	2ACSR	0	0	1049	168	23	3	2	0.00	2.93	0
CO1646837645	CO85281019	4.13	1 1-	2ACSR	0	0	1116	170	13	1	1	0.00	2.78	0
CO3587	CO3002	3.87	3 1-	4ACSR	0	0	1201	172	18	2	2	0.01	2.42	0
OC1525905467	CO3587	3.87	1 1-	20 N FUSE	0	0	1201	172	10	1	7	0.00	2.42	0
CO3588	OC1525905467	3.91	1 1-	4ACSR	0	0	1185	171	10	1	1	0.00	2.42	0
CO3118	CO3003	3.78	1 1-	2ACSR	0	0	1227	172	4	0	0	0.00	2.39	0
OC1346409554	CO3118	3.78	0 1-	20 N FUSE	0	0	1227	172	0	0	0	0.00	2.39	0
CO3117	CO3003	3.78	1 1-	2ACSR	0	0	1227	172	2	0	0	0.00	2.39	0
OC-419490826	CO3117	3.78	0 1-	20 N FUSE	0	0	1227	172	0	0	0	0.00	2.39	0
CO3815	CO3003	3.72	19 1-	4ACSR	0	0	1245	172	133	18	13	0.01	2.39	0
OC98	CO3815	3.72	19 1-	10 N FUSE	0	0	1245	172	133	18	185	0.00	2.39	0
CO3816	OC98	3.75	19 1-	4ACSR	0	0	1233	172	133	18	13	0.02	2.42	5
CO3004	CO3816	3.86	16 1-	4ACSR	0	0	1188	171	117	16	12	0.08	2.50	15
CO3005	CO3004	3.96	15 1-	4ACSR	0	0	1150	170	99	13	10	0.06	2.56	10
CO3207	CO3005	3.99	3 1-	2ACSR	0	0	1137	170	22	3	2	0.00	2.56	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3621	CO3005	4.01	7 1-	4ACSR	0	0	1128	169	41	5	4	0.01	2.57	0
CO3622	CO3621	4.03	6 1-	4ACSR	0	0	1119	169	35	4	3	0.00	2.58	0
CO3623	CO3622	4.10	4 1-	4ACSR	0	0	1094	168	27	3	3	0.01	2.59	0
CO3624	CO3623	4.15	4 1-	4ACSR	0	0	1075	168	27	3	3	0.01	2.60	0
CO3625	CO3624	4.19	3 1-	4ACSR	0	0	1062	167	24	3	2	0.01	2.60	0
CO3209	CO3625	4.22	0 1-	2ACSR	0	0	1052	167	0	0	0	0.00	2.60	0
CO3626	CO3625	4.22	3 1-	4ACSR	0	0	1050	167	24	3	2	0.01	2.61	0
CO3627	CO3626	4.34	3 1-	4ACSR	0	0	1010	166	24	3	2	0.02	2.62	0
CO3630	CO3627	4.52	1 1-	1/0PRIURD	0	0	971	372	16	2	1	0.00	2.63	0
CO3628	CO3627	4.40	2 1-	4ACSR	0	0	990	165	9	1	1	0.00	2.63	0
CO3629	CO3628	4.49	1 1-	4ACSR	0	0	960	164	0	0	0	0.00	2.63	0
CO3088	CO3005	4.00	2 1-	4ACSR	0	0	1131	169	10	1	1	0.00	2.56	0
CO-504802106	CO3005	3.99	3 1-	4ACSR	0	0	1136	169	26	3	3	0.01	2.56	0
CO-1821629849	CO-504802106	4.04	1 1-	4ACSR	0	0	1117	169	4	0	0	0.00	2.56	0
CO3620	CO-1821629849	4.13	1 1-	4ACSR	0	0	1082	168	4	0	0	0.00	2.57	0
CO-297182721	CO-504802106	4.03	2 1-	2ACSR	0	0	1124	169	22	3	2	0.00	2.57	0
CO-980390046	CO-297182721	4.05	1 1-	2ACSR	0	0	1116	169	6	0	0	0.00	2.57	0
CO3087	CO3004	3.98	1 1-	4ACSR	0	0	1139	170	18	2	2	0.01	2.51	0
CO662541423	CO3087	4.16	1 1-	1/0PRIURD	0	0	1106	393	18	2	2	0.01	2.52	0
CO-1538202555	CO662541423	4.19	1 1-	1/0PRIURD	0	0	1101	392	18	2	2	0.00	2.52	0
CO2107907031	CO662541423	4.20	0 1-	1/0PRIURD	0	0	1098	392	0	0	0	0.00	2.52	0
CO3617	CO3816	3.76	1 1-	500 MCM ACSR 30	0	0	1231	172	11	1	0	0.00	2.42	0
CO3618	CO3617	3.83	1 1-	500 MCM ACSR 30	0	0	1217	172	11	1	0	0.00	2.42	0
CO3838	CO3024	3.74	3 1-	4/0AAAC	0	0	1244	172	21	2	1	0.00	2.38	0
OC27760786	CO3838	3.74	2 1-	20 N FUSE	0	0	1244	172	13	1	9	0.00	2.38	0
CO3793	OC27760786	3.75	2 1-	4/0AAAC	0	0	1239	172	13	1	0	0.00	2.38	0
CO3794	CO3793	3.87	0 1-	4/0AAAC	0	0	1211	172	0	0	0	0.00	2.38	0
CO3795	CO3794	3.93	0 1-	4/0AAAC	0	0	1197	172	0	0	0	0.00	2.38	0
CO3106	CO3793	3.81	1 1-	4/0AAAC	0	0	1225	172	7	0	0	0.00	2.38	0
CO3108	CO3632	3.53	3 1-	4/0AAAC	0	0	1299	173	24	3	1	0.00	2.30	0
OC-1448727838	CO3108	3.53	0 1-	20 N FUSE	0	0	1299	173	0	0	0	0.00	2.30	0
CO3107	CO3632	3.53	1 1-	4/0AAAC	0	0	1299	173	4	0	0	0.00	2.29	0
OC-1809055944	CO3107	3.53	0 1-	20 N FUSE	0	0	1299	173	0	0	0	0.00	2.29	0
CO3110	CO3007	3.35	7 1-	4/0AAAC	0	0	1349	174	19	2	1	0.00	2.25	0
OC-864122840	CO3110	3.35	0 1-	20 N FUSE	0	0	1349	174	0	0	0	0.00	2.25	0
CO3813	CO3008	3.19	51 1-	2ACSR	0	0	1397	174	354	49	27	0.01	2.22	6
OC108	CO3813	3.19	51 1-	70 4E OCR	0	0	1397	174	354	49	70	0.00	2.22	0
CO3814	OC108	3.22	51 1-	2ACSR	0	0	1385	174	354	49	27	0.04	2.26	23
CO3634	CO3814	3.28	50 1-	2ACSR	0	0	1357	173	352	49	27	0.10	2.36	52
CO3640	CO3634	3.33	44 1-	2ACSR	0	0	1334	173	323	45	25	0.08	2.43	38
CO3641	CO3640	3.42	40 1-	2ACSR	0	0	1297	172	292	40	23	0.12	2.55	52
CO3017	CO3641	3.46	39 1-	2ACSR	0	0	1282	172	281	39	22	0.05	2.60	19
CO3644	CO3017	3.52	37 1-	2ACSR	0	0	1256	171	276	38	21	0.08	2.68	35
CO3645	CO3644	3.54	36 1-	2ACSR	0	0	1250	171	276	38	21	0.02	2.70	8
CO3646	CO3645	3.56	36 1-	2ACSR	0	0	1241	171	276	38	21	0.03	2.73	12
CO3647	CO3646	3.62	35 1-	2ACSR	0	0	1218	171	263	36	20	0.07	2.80	28
CO3650	CO3647	3.70	30 1-	2ACSR	0	0	1190	170	235	32	18	0.08	2.87	27
CO3651	CO3650	3.77	28 1-	2ACSR	0	0	1164	170	213	29	17	0.07	2.94	23
CO3652	CO3651	3.83	26 1-	2ACSR	0	0	1143	169	202	28	16	0.05	3.00	17
CO3114	CO3652	3.88	1 1-	2ACSR	0	0	1128	169	11	1	1	0.00	3.00	0
CO3020	CO3652	3.87	24 1-	2ACSR	0	0	1132	169	188	26	15	0.03	3.03	9
CO3653	CO3020	3.95	2 1-	2ACSR	0	0	1106	168	4	0	0	0.00	3.03	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3654	CO3653	3.97	1 1-	2ACSR	0	0	1097	168	2	0	0	0.00	3.03	0
CO3021	CO3020	4.01	22 1-	2ACSR	0	0	1086	168	184	25	14	0.12	3.15	34
CO3656	CO3021	4.09	2 1-	2ACSR	0	0	1061	167	19	2	1	0.01	3.15	0
CO3657	CO3656	4.19	1 1-	2ACSR	0	0	1034	167	4	0	0	0.00	3.16	0
CO3223	CO3656	4.16	1 1-	4ACSR	0	0	1037	167	15	2	2	0.00	3.16	0
CO3022	CO3021	4.05	20 1-	2ACSR	0	0	1075	168	165	23	13	0.03	3.17	7
CO8243	CO3022	4.11	0 1-	2ACSR	0	0	1058	167	0	0	0	0.00	3.17	0
CO3655	CO3022	4.09	20 1-	2ACSR	0	0	1061	167	165	23	13	0.04	3.21	9
OC1595024518	CO3655	4.09	19 1-	20 N FUSE	0	0	1061	167	155	21	109	0.00	3.21	0
CO8240	OC1595024518	4.13	19 1-	2ACSR	0	0	1051	167	155	21	12	0.02	3.23	6
CO8242	CO8240	4.21	3 1-	2ACSR	0	0	1027	167	32	4	3	0.01	3.24	0
CO8241	CO8242	4.32	1 1-	2ACSR	0	0	998	166	14	1	1	0.00	3.25	0
CO3658	CO8242	4.26	1 1-	2ACSR	0	0	1014	166	6	0	0	0.00	3.24	0
CO2799	CO8240	4.14	2 1-	2ACSR	0	0	1046	167	18	2	1	0.00	3.24	0
CO2798	CO2799	4.18	2 1-	2ACSR	0	0	1036	167	18	2	1	0.00	3.24	0
CO-2097512777	CO2798	4.20	1 1-	2ACSR	0	0	1030	167	4	0	0	0.00	3.24	0
CO2554	CO8240	4.27	13 1-	2ACSR	0	0	1011	166	99	13	8	0.06	3.30	10
CO2553	CO2554	4.37	12 1-	2ACSR	0	0	985	165	98	13	8	0.04	3.33	5
CO2716	CO2553	4.39	2 1-	2ACSR	0	0	979	165	23	3	2	0.00	3.34	0
CO2715	CO2716	4.44	1 1-	2ACSR	0	0	967	165	10	1	1	0.00	3.34	0
CO2400	CO2553	4.45	7 1-	2ACSR	0	0	964	165	47	6	4	0.02	3.35	0
CO2560	CO2400	4.51	6 1-	2ACSR	0	0	949	164	40	5	3	0.01	3.36	0
CO2555	CO2560	4.57	6 1-	2ACSR	0	0	935	164	40	5	3	0.01	3.37	0
CO2559	CO2555	4.64	3 1-	2ACSR	0	0	919	164	22	3	2	0.01	3.38	0
CO2556	CO2559	4.72	2 1-	2ACSR	0	0	900	163	10	1	1	0.00	3.38	0
CO2558	CO2556	4.76	1 1-	2ACSR	0	0	892	163	0	0	0	0.00	3.38	0
CO2557	CO2558	4.83	1 1-	2ACSR	0	0	877	162	0	0	0	0.00	3.38	0
CO2439	CO2400	4.48	1 1-	2ACSR	0	0	955	165	6	0	0	0.00	3.35	0
CO3648	CO3647	3.69	5 1-	2ACSR	0	0	1194	170	28	3	2	0.01	2.80	0
CO3649	CO3648	3.72	3 1-	2ACSR	0	0	1184	170	12	1	1	0.00	2.80	0
CO381567007	CO3648	3.77	0 1-	2ACSR	0	0	1166	170	0	0	0	0.00	2.80	0
CO2055756138	CO381567007	3.83	0 1-	2ACSR	0	0	1145	169	0	0	0	0.00	2.80	0
CO3112	CO3017	3.56	2 1-	2ACSR	0	0	1240	171	5	0	0	0.00	2.60	0
CO3642	CO3641	3.52	1 1-	2ACSR	0	0	1258	172	11	1	1	0.00	2.55	0
CO3643	CO3642	3.55	1 1-	2ACSR	0	0	1245	171	11	1	1	0.00	2.56	0
CO3217	CO3640	3.38	2 1-	2ACSR	0	0	1313	173	16	2	1	0.00	2.43	0
CO3839	CO3640	3.37	1 1-	2ACSR	0	0	1316	173	9	1	1	0.00	2.43	0
CO3018	CO3634	3.33	5 1-	2ACSR	0	0	1336	173	24	3	2	0.01	2.36	0
CO3635	CO3018	3.37	5 1-	2ACSR	0	0	1316	173	24	3	2	0.01	2.37	0
CO3636	CO3635	3.40	4 1-	2ACSR	0	0	1305	172	23	3	2	0.00	2.37	0
CO3637	CO3636	3.52	2 1-	2ACSR	0	0	1258	172	7	0	1	0.00	2.37	0
CO3638	CO3637	3.61	1 1-	2ACSR	0	0	1222	171	7	0	1	0.00	2.37	0
CO3639	CO3638	3.67	1 1-	2ACSR	0	0	1199	170	7	0	1	0.00	2.37	0
CO3111	CO3635	3.42	0 1-	2ACSR	0	0	1297	172	0	0	0	0.00	2.37	0
CO3091	CO3009	3.19	2 1-	4/OAAC	0	0	1400	174	9	1	0	0.00	2.16	0
OC532285935	CO3091	3.19	0 1-	20 N FUSE	0	0	1400	174	0	0	0	0.00	2.16	0
CO3811	CO3010	3.00	41 1-	2ACSR	0	0	1458	175	297	41	23	0.01	2.11	4
OC90	CO3811	3.00	41 1-	70 L OCR	0	0	1458	175	297	41	59	0.00	2.11	0
CO3812	OC90	3.19	41 1-	2ACSR	0	0	1372	173	297	41	23	0.24	2.36	111
CO3659	CO3812	3.21	3 1-	2ACSR	0	0	1362	173	27	3	2	0.00	2.36	0
CO3660	CO3659	3.29	2 1-	2ACSR	0	0	1325	172	15	2	1	0.01	2.37	0
CO3661	CO3660	3.31	2 1-	2ACSR	0	0	1317	172	15	2	1	0.00	2.37	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO3662	CO3661	3.36	1 1-	2ACSR	0	0	1297	172	15	2	1	0.00	2.37	0
CO3203	CO3659	3.29	1 1-	2ACSR	0	0	1328	172	12	1	1	0.00	2.36	0
CO3025	CO3812	3.29	38 1-	4ACSR	0	0	1317	172	269	37	27	0.18	2.54	78
CO3663	CO3025	3.38	36 1-	4ACSR	0	0	1274	171	247	34	25	0.14	2.68	54
CO3664	CO3663	3.49	35 1-	4ACSR	0	0	1220	170	236	33	24	0.17	2.85	66
CO3668	CO3664	3.58	30 1-	4ACSR	0	0	1183	169	188	26	19	0.10	2.95	31
CO3669	CO3668	3.74	30 1-	4ACSR	0	0	1113	167	188	26	19	0.20	3.15	62
CO3670	CO3669	3.93	30 1-	4ACSR	0	0	1040	165	188	26	19	0.23	3.38	71
CO3671	CO3670	4.05	28 1-	4ACSR	0	0	999	164	175	24	18	0.13	3.52	37
CO3672	CO3671	4.13	26 1-	4ACSR	0	0	971	163	169	23	17	0.09	3.61	24
CO3012	CO3672	4.24	24 1-	4ACSR	0	0	937	162	149	20	15	0.10	3.71	25
CO3675	CO3012	4.28	3 1-	4ACSR	0	0	927	162	9	1	1	0.00	3.71	0
CO3676	CO3675	4.31	3 1-	4ACSR	0	0	916	162	9	1	1	0.00	3.71	0
CO-522507343	CO3676	4.33	1 1-	2ACSR	0	0	912	161	5	0	0	0.00	3.71	0
CO3673	CO3012	4.31	20 1-	4ACSR	0	0	917	162	139	19	14	0.06	3.77	12
CO3674	CO3673	4.43	15 1-	4ACSR	0	0	882	160	108	15	11	0.08	3.85	14
CO3677	CO3674	4.45	10 1-	4ACSR	0	0	877	160	80	11	8	0.01	3.86	0
CO3678	CO3677	4.49	9 1-	4ACSR	0	0	867	160	70	9	7	0.01	3.87	0
CO850024679	CO3678	4.50	8 1-	2ACSR	0	0	864	160	58	8	5	0.00	3.88	0
CO1178205722	CO850024679	4.53	1 1-	2ACSR	0	0	857	160	5	0	0	0.00	3.88	0
CO1580180787	CO850024679	4.53	7 1-	2ACSR	0	0	859	160	53	7	4	0.01	3.88	0
CO3683	CO1580180787	4.57	1 1-	4ACSR	0	0	847	159	5	0	1	0.00	3.88	0
CO3684	CO3683	4.66	1 1-	4ACSR	0	0	826	158	5	0	1	0.00	3.89	0
CO3680	CO1580180787	4.60	6 1-	4ACSR	0	0	841	159	48	6	5	0.02	3.90	0
CO3681	CO3680	4.69	6 1-	4ACSR	0	0	817	158	48	6	5	0.03	3.93	2
CO3682	CO3681	4.75	6 1-	4ACSR	0	0	803	157	48	6	5	0.02	3.95	0
CO3013	CO3682	4.82	5 1-	4ACSR	0	0	787	157	38	5	4	0.02	3.97	0
CO8253	CO3013	4.98	4 1-	4ACSR	0	0	753	155	30	4	3	0.03	4.00	0
CO4060	CO8253	5.01	3 1-	4ACSR	0	0	746	155	30	4	3	0.00	4.01	0
CO4059	CO4060	5.07	2 1-	4ACSR	0	0	734	155	17	2	2	0.01	4.01	0
CO4061	CO4059	5.15	2 1-	4ACSR	0	0	718	154	17	2	2	0.00	4.02	0
CO3095	CO3013	4.89	1 1-	4ACSR	0	0	771	156	8	1	1	0.00	3.97	0
CO3094	CO3682	4.82	1 1-	4ACSR	0	0	787	157	10	1	1	0.00	3.95	0
CO3196	CO3677	4.47	1 1-	2ACSR	0	0	873	160	11	1	1	0.00	3.86	0
CO3120	CO3674	4.47	2 1-	4ACSR	0	0	873	160	8	1	1	0.00	3.85	0
CO3096	CO3674	4.48	1 1-	4ACSR	0	0	869	160	13	1	1	0.00	3.85	0
CO-357246619	CO3673	4.38	1 1-	2ACSR	0	0	900	161	2	0	0	0.00	3.77	0
CO3097	CO3672	4.16	1 1-	4ACSR	0	0	963	163	13	1	1	0.00	3.61	0
CO3123	CO3670	4.05	1 1-	4ACSR	0	0	999	164	1	0	0	0.00	3.38	0
CO3098	CO3670	3.96	1 1-	4ACSR	0	0	1032	165	12	1	1	0.00	3.39	0
CO3665	CO3664	3.52	5 1-	4ACSR	0	0	1208	170	48	6	5	0.01	2.86	0
CO3666	CO3665	3.61	3 1-	4ACSR	0	0	1170	169	26	3	3	0.01	2.87	0
CO3667	CO3666	3.64	1 1-	4ACSR	0	0	1156	168	9	1	1	0.00	2.87	0
CO3099	CO3025	3.35	1 1-	4ACSR	0	0	1287	171	11	1	1	0.00	2.54	0
CO3809	CO3691	2.96	0 3-	4/0AAAC	1611	1572	1476	175	0	0	0	0.00	2.06	0
CO3810	CO3809	2.96	0 3-	4/0AAAC	1609	1570	1474	175	0	0	0	0.00	2.06	0
#SW109-A	CO3810	2.96	0 3-	Open	1609	1570	1474	175	0	0	0	0.00	2.06	0
CO3092	CO3691	3.03	0 1-	4/0AAAC	0	0	1450	174	0	0	0	0.00	2.06	0
OC947739058	CO3092	3.03	0 1-	20 N FUSE	0	0	1450	174	0	0	0	0.00	2.06	0
CO3093	CO3011	2.83	2 1-	1/0ACSR	0	0	1533	175	9	1	1	0.00	1.85	0
OC128440445	CO3093	2.83	0 1-	20 N FUSE	0	0	1533	175	0	0	0	0.00	1.85	0
CO2675+	CO2397	2.41	1 1-	4ACSR	0	0	1744	334	11	0	1	0.00	1.19	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CO2674+	CO2397	2.43	1 1-	4ACSR	0	0	1733	334	6	0	0	0.00	1.19	0
CO2711+	CO1872941073	2.10	2 1-	1/0ACSR	0	0	1860	338	6	0	0	0.00	1.04	0
CO2710+	CO2711	2.11	2 1-	1/0ACSR	0	0	1853	338	6	0	0	0.00	1.04	0
CO1475949864+	CO1391025622	2.05	0 1-	#2 ACSR 7/1	0	0	1878	339	0	0	0	0.00	1.00	0
CO2659+	CO2398	1.94	6 3-	2ACSR	2114	2051	1920	340	54	1	1	0.00	0.94	0
CO2663+	CO2659	1.98	6 3-	2ACSR	2100	2036	1903	339	54	1	1	0.00	0.94	0
CO2660+	CO2663	2.03	6 3-	2ACSR	2083	2017	1883	339	54	1	1	0.00	0.94	0
CO2662+	CO2660	2.06	5 3-	2ACSR	2070	2003	1867	338	45	1	1	0.00	0.94	0
CO2661+	CO2662	2.11	5 3-	2ACSR	2053	1984	1846	337	45	1	1	0.00	0.95	0
CO-813213923+	CO2661	2.18	2 1-	1/0PRIURD	0	0	1825	769	12	0	1	0.00	0.95	0
CO2478+	CO2501	1.39	2 3-	2ACSR	2299	2257	2157	345	166	3	2	0.00	0.62	0
OC-2058373496+	CO2478	1.39	1 3-	20 N FUSE	2299	2257	2157	345	163	3	19	0.00	0.62	0
CO-903220423+	OC-2058373496	1.45	1 3-	2ACSR	2275	2229	2124	345	163	3	2	0.00	0.63	0
CO-1025875265+	CO-903220423	1.50	1 3-	2ACSR	2255	2207	2098	344	163	3	2	0.00	0.63	0
CO-1944918723+	CO-1025875265	1.51	0 3-	2ACSR	2251	2203	2093	344	0	0	0	0.00	0.63	0
CO2447+	CO2573	1.31	1 1-	4ACSR	0	0	2188	346	3	0	0	0.00	0.56	0
CO2726+	CO2850	0.30	0 1-	4ACSR	0	0	2708	354	0	0	0	0.00	0.08	0
CO2728+	CO2726	0.32	0 1-	4ACSR	0	0	2687	353	0	0	0	0.00	0.08	0
CO2727+	CO2728	0.37	0 1-	4ACSR	0	0	2648	352	0	0	0	0.00	0.08	0
SUB	8 total losses:	\$24,166												
Total System Losses:		\$882,983												